

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
 Data File : BM012304.D
 Acq On : 19 Oct 2017 06:13
 Operator : SJ/JU
 Sample : I5747-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-34(5-5.5)-100617

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.275	367	372	379	rBV	9815343	15791305	5.04%	0.460%
2	5.422	389	397	411	rVB2	42403206	90757639	28.99%	2.641%
3	5.634	427	433	442	rBV4	3444274	8759944	2.80%	0.255%
4	5.716	442	447	453	rBV	7092824	11835098	3.78%	0.344%
5	5.781	453	458	466	rVB2	10649412	18473407	5.90%	0.538%
6	6.034	493	501	509	rBV5	10000249	27575123	8.81%	0.803%
7	6.158	515	522	528	rVB3	5365727	12779771	4.08%	0.372%
8	6.258	531	539	546	rBV6	12198781	32675661	10.44%	0.951%
9	6.322	546	550	555	rVV	11071247	17488182	5.59%	0.509%
10	6.410	555	565	578	rVV4	23179346	69686358	22.26%	2.028%
11	6.522	580	584	589	rVB	5153331	8397232	2.68%	0.244%
12	6.587	589	595	600	rBV3	6391313	11017933	3.52%	0.321%
13	6.663	600	608	614	rVB3	8863663	22666359	7.24%	0.660%
14	6.757	614	624	630	rBV	24450839	46714303	14.92%	1.360%
15	6.869	638	643	646	rBV3	8140531	13214922	4.22%	0.385%
16	6.922	646	652	658	rVV2	19885988	41844970	13.36%	1.218%
17	6.999	658	665	671	rVB6	4130089	11036463	3.52%	0.321%
18	7.105	677	683	688	rBV4	9507839	17684823	5.65%	0.515%
19	7.157	688	692	696	rBV4	8419388	14870521	4.75%	0.433%
20	7.199	696	699	702	rVV2	6892704	11103857	3.55%	0.323%
21	7.263	706	710	715	rVV2	18387134	38329341	12.24%	1.116%
22	7.334	719	722	728	rVV2	14144731	25299199	8.08%	0.736%
23	7.434	735	739	746	rVV2	10050213	19202065	6.13%	0.559%
24	7.499	746	750	755	rVB3	8884425	14496890	4.63%	0.422%
25	7.604	761	768	773	rBV4	8035555	17719311	5.66%	0.516%
26	7.687	773	782	788	rBV4	12778081	40681743	12.99%	1.184%
27	7.763	789	795	802	rVB	34387870	69647101	22.24%	2.027%
28	7.852	803	810	815	rBV4	9771941	21128768	6.75%	0.615%
29	7.910	815	820	825	rBV4	13233651	26734307	8.54%	0.778%
30	7.975	826	831	834	rVV4	14652770	24740064	7.90%	0.720%
31	8.016	834	838	844	rVV2	26543632	61607813	19.68%	1.793%
32	8.075	844	848	855	rVV	24228690	45847102	14.64%	1.334%
33	8.281	877	883	885	rBV3	12406267	22723268	7.26%	0.661%
34	8.328	885	891	903	rVB3	32448984	97842423	31.25%	2.848%

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35	8.451	903	912	921	rBV2	26495178	77511918	24.76%	2.256%
36	8.628	937	942	945	rBV2	16532449	28542491	9.12%	0.831%
37	8.657	945	947	951	rVB	8489688	11743367	3.75%	0.342%
38	8.899	977	988	996	rVB2	37994384	81201579	25.93%	2.363%
39	8.987	996	1003	1005	rBV4	20727768	38865533	12.41%	1.131%
40	9.098	1017	1022	1024	rBV3	9949456	17766029	5.67%	0.517%
41	9.140	1024	1029	1036	rVB8	13277212	32127039	10.26%	0.935%
42	9.240	1037	1046	1053	rBV5	8535501	25651427	8.19%	0.747%
43	9.351	1059	1065	1071	rBV3	8600052	16774397	5.36%	0.488%
44	9.422	1072	1077	1081	rBV	16772176	24467550	7.81%	0.712%
45	9.510	1089	1092	1102	rVB4	9520248	21643616	6.91%	0.630%
46	9.669	1111	1119	1122	rVV3	6928592	16605107	5.30%	0.483%
47	9.704	1122	1125	1130	rVV	10524868	15673060	5.01%	0.456%
48	9.769	1130	1136	1143	rVV6	10725175	26834654	8.57%	0.781%
49	9.840	1144	1148	1156	rVB5	4945687	12779162	4.08%	0.372%
50	9.993	1167	1174	1180	rBV4	15762825	33947446	10.84%	0.988%
51	10.163	1196	1203	1209	rBV6	4596910	11689971	3.73%	0.340%
52	10.287	1218	1224	1230	rVB2	5704260	11056824	3.53%	0.322%
53	10.545	1263	1268	1275	rBV4	6520165	17323063	5.53%	0.504%
54	10.640	1279	1284	1289	rVV4	4804210	10443397	3.34%	0.304%
55	10.734	1290	1300	1305	rVB2	24500401	47988133	15.33%	1.397%
56	11.275	1388	1392	1400	rVB5	4024231	7961073	2.54%	0.232%
57	11.498	1424	1430	1436	rVB3	3823038	8610942	2.75%	0.251%
58	11.598	1442	1447	1450	rBV	10292985	15257715	4.87%	0.444%
59	11.998	1508	1515	1521	rBV5	4163174	9575841	3.06%	0.279%
60	12.263	1556	1560	1565	rVB	7600669	11320819	3.62%	0.329%
61	12.481	1593	1597	1605	rVB	8419724	14273797	4.56%	0.415%
62	12.957	1673	1678	1684	rVB	15500190	22338734	7.13%	0.650%
63	13.245	1717	1727	1736	rBV7	4256586	16464972	5.26%	0.479%
64	13.481	1762	1767	1774	rVB	4958803	12673830	4.05%	0.369%
65	13.634	1784	1793	1798	rVB	14664556	37220226	11.89%	1.083%
66	13.775	1810	1817	1822	rBV	19447644	37984091	12.13%	1.106%
67	13.828	1822	1826	1829	rVV	13913064	22510737	7.19%	0.655%
68	13.857	1829	1831	1835	rVV2	12134132	13498028	4.31%	0.393%
69	13.910	1835	1840	1845	rVB2	22101457	29561174	9.44%	0.860%
70	14.010	1853	1857	1860	rBV	6590463	9159716	2.93%	0.267%
71	14.175	1881	1885	1891	rVB	7487402	11283686	3.60%	0.328%

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72	14.263	1896	1900	1906	rVB	10370530	15868047	5.07%	0.462%
73	14.328	1906	1911	1918	rBV3	5739294	11150060	3.56%	0.325%
74	14.404	1919	1924	1927	rBV5	5693431	11197557	3.58%	0.326%
75	14.663	1962	1968	1976	rVB	10049931	22037312	7.04%	0.641%
76	14.845	1992	1999	2007	rVB2	13110109	28498934	9.10%	0.829%
77	14.928	2008	2013	2021	rBV3	13174341	24669272	7.88%	0.718%
78	15.069	2031	2037	2042	rBV	11370311	22125271	7.07%	0.644%
79	15.122	2042	2046	2050	rVV	8657457	11037228	3.53%	0.321%
80	15.228	2059	2064	2069	rBV3	8981585	20319404	6.49%	0.591%
81	15.275	2069	2072	2076	rVB2	8669125	10948911	3.50%	0.319%
82	15.686	2135	2142	2152	rVB2	15564459	35246689	11.26%	1.026%
83	16.169	2216	2224	2229	rBV	35060304	58938716	18.82%	1.715%
84	16.980	2357	2362	2366	rBV	15174372	22313591	7.13%	0.649%
85	17.586	2461	2465	2475	rBV4	4069920	9166804	2.93%	0.267%
86	18.121	2553	2556	2561	rVB	5821821	7848646	2.51%	0.228%
87	18.804	2668	2672	2679	rVB5	4910061	10043303	3.21%	0.292%
88	18.992	2699	2704	2707	rBV	8205634	11441157	3.65%	0.333%
89	21.751	3169	3173	3180	rVB	16241517	21297154	6.80%	0.620%
90	21.898	3189	3198	3204	rBV2	61608011	156187473	49.88%	4.546%
91	21.974	3208	3211	3216	rVB	19974826	25526855	8.15%	0.743%
92	22.068	3216	3227	3234	rBV6	65101766	221195946	70.64%	6.438%
93	22.139	3234	3239	3241	rBV	16434300	26265602	8.39%	0.764%
94	22.239	3245	3256	3259	rBV5	60155978	228876230	73.10%	6.661%
95	22.433	3271	3289	3297	rVB5	65096155	313111959	100.00%	9.113%
96	22.504	3297	3301	3305	rBV4	8033803	16003800	5.11%	0.466%
97	22.598	3308	3317	3319	rBV3	47139696	110379375	35.25%	3.213%
98	22.674	3326	3330	3334	rVB	12215381	14889917	4.76%	0.433%
99	22.803	3343	3352	3359	rVV5	23704548	70420518	22.49%	2.050%
100	22.998	3381	3385	3388	rBV	5274023	8165484	2.61%	0.238%

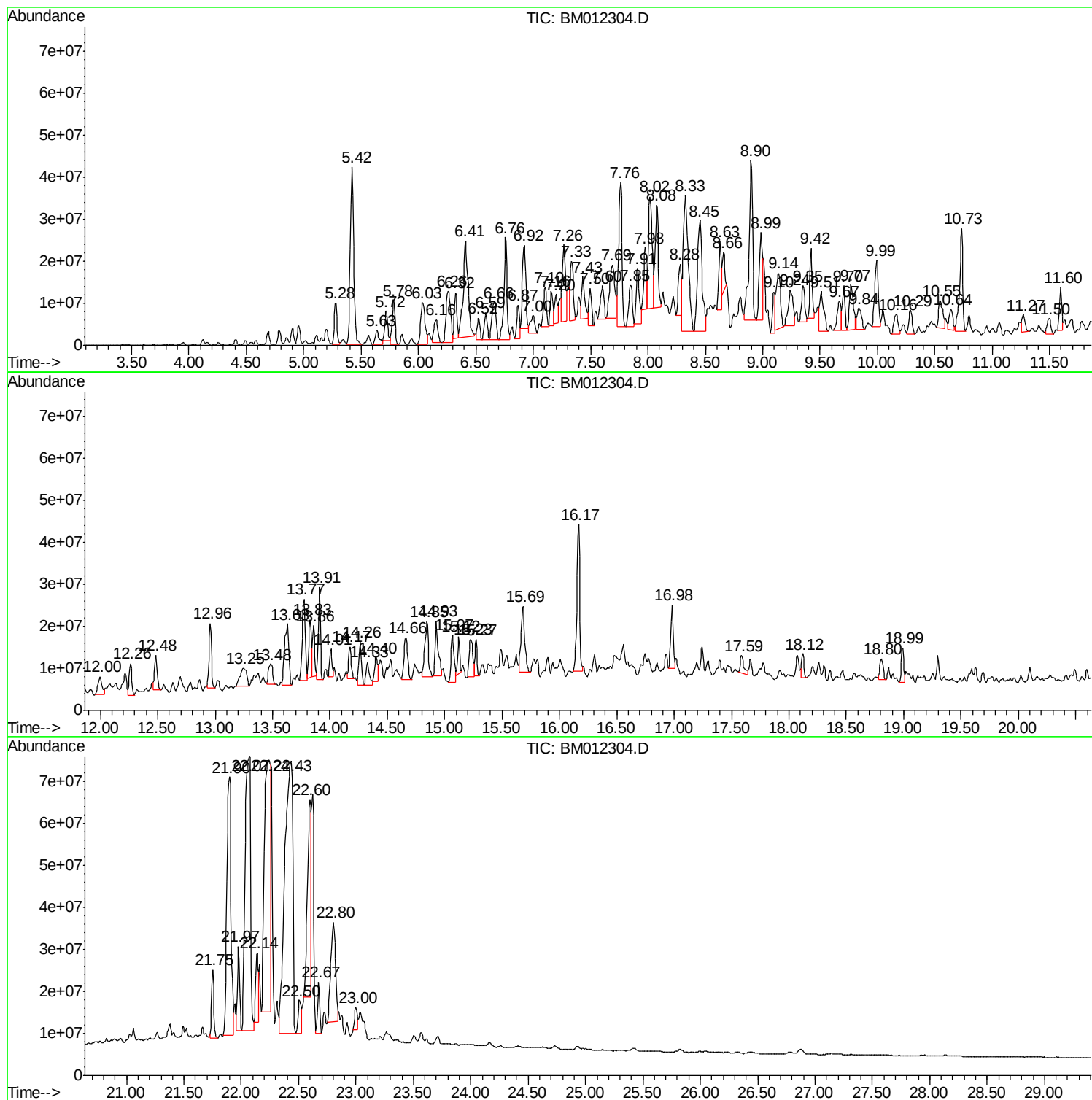
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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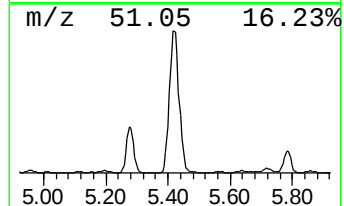
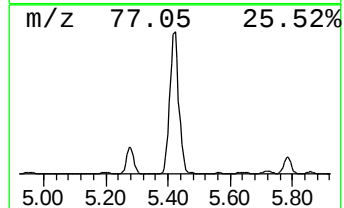
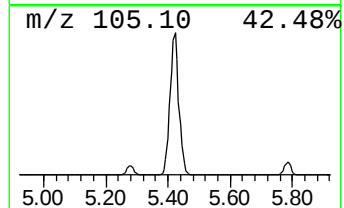
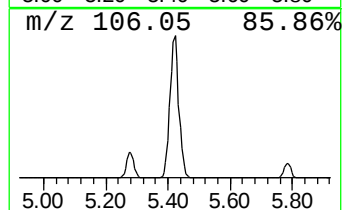
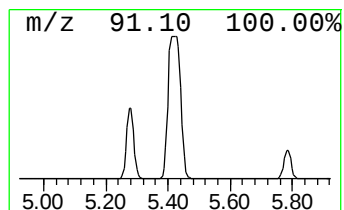
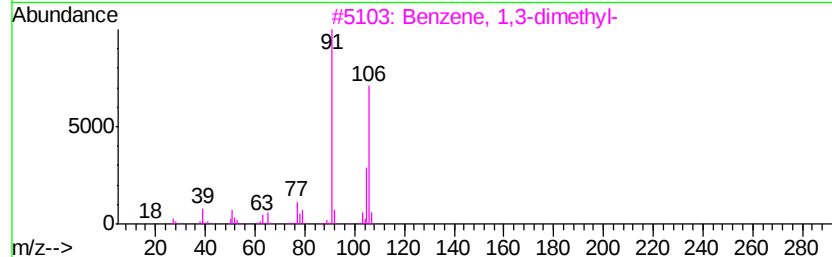
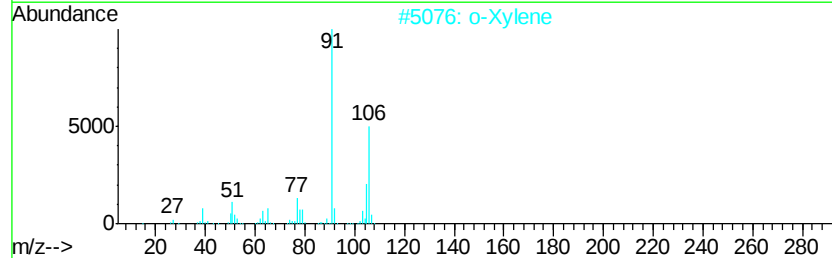
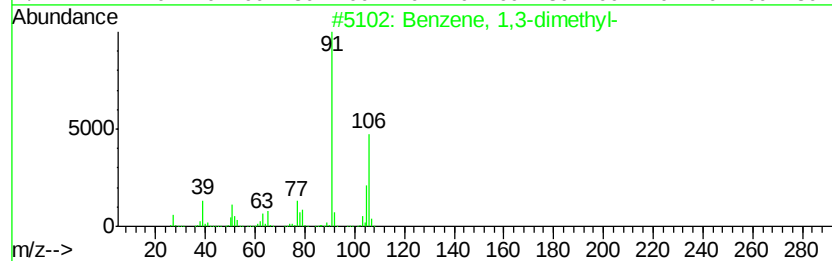
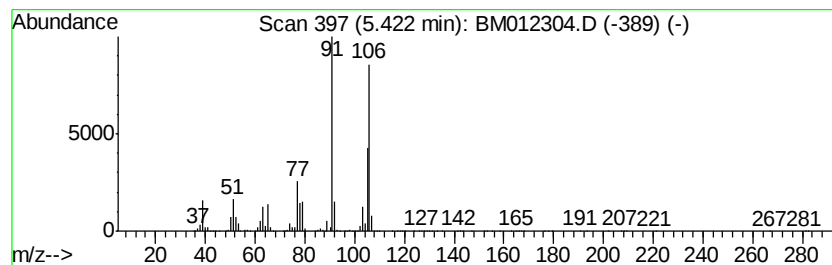
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	26.06 ng/ul	90757600	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
2		o-Xylene	106	C8H10	000095-47-6	91
3		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
4		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
5		p-Xylene	106	C8H10	000106-42-3	91



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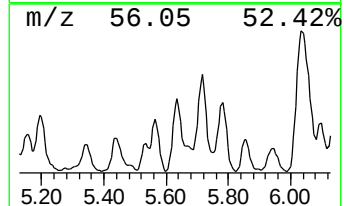
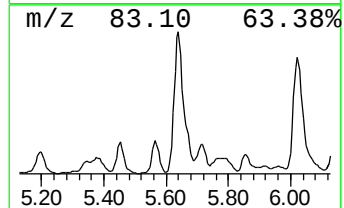
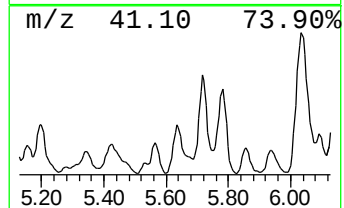
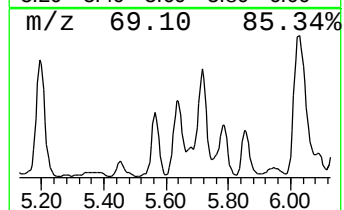
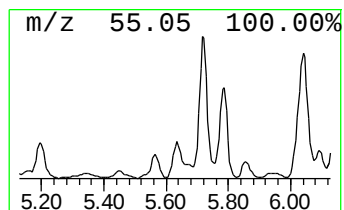
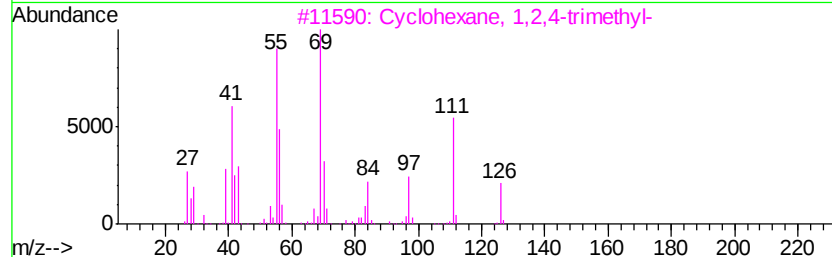
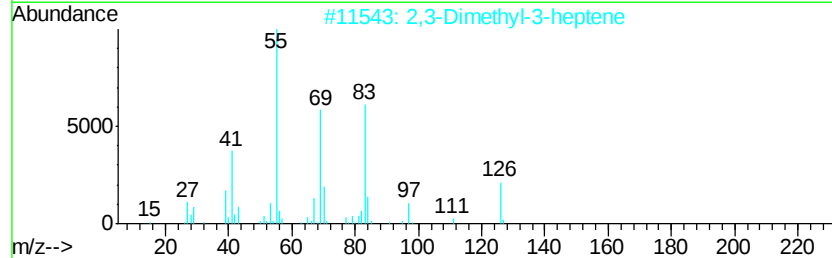
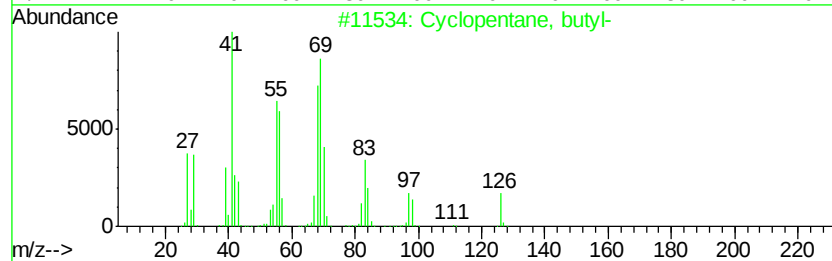
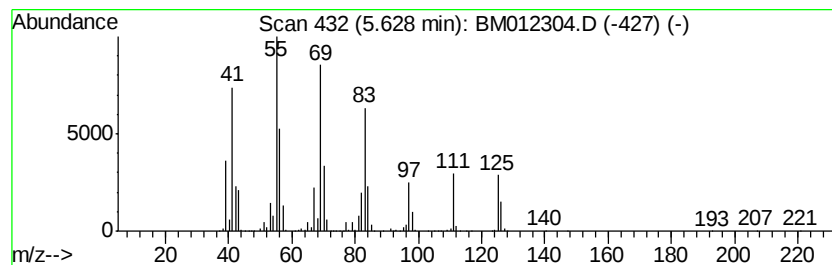
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	2.52 ng/ul	8759940	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, butyl-	126	C9H18	002040-95-1	60
2		2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	49
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	46
4		1-Pentene, 3-methyl-	84	C6H12	000760-20-3	46
5		Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	43



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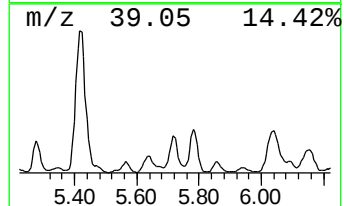
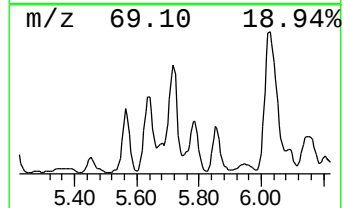
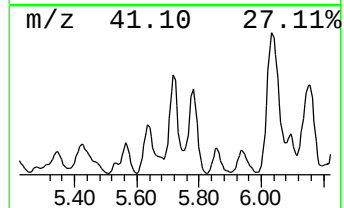
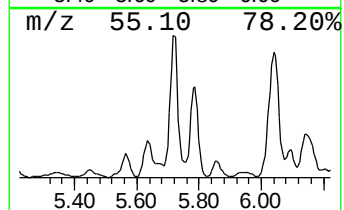
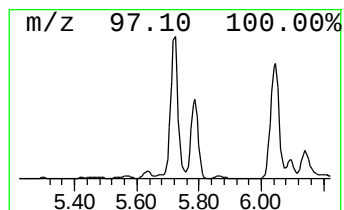
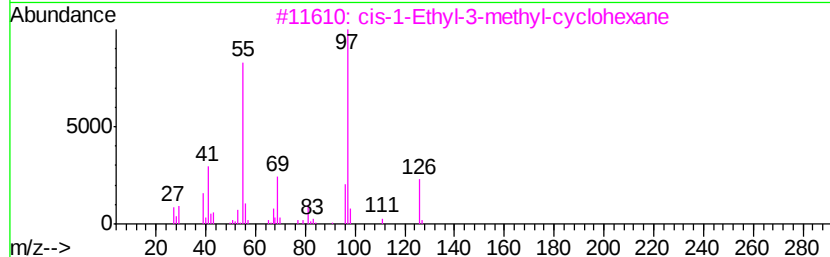
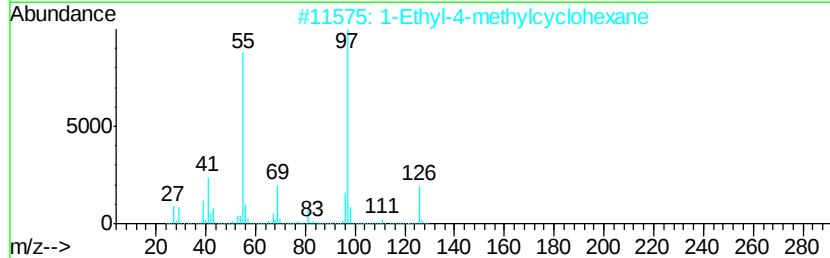
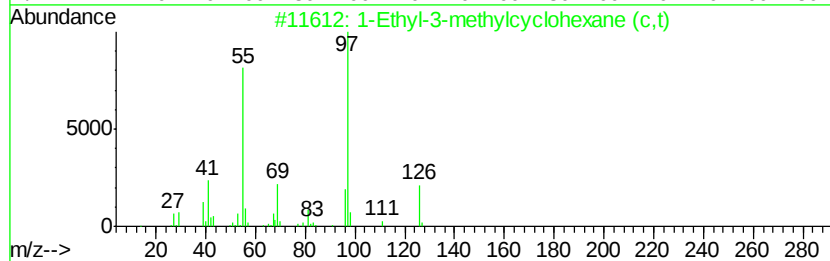
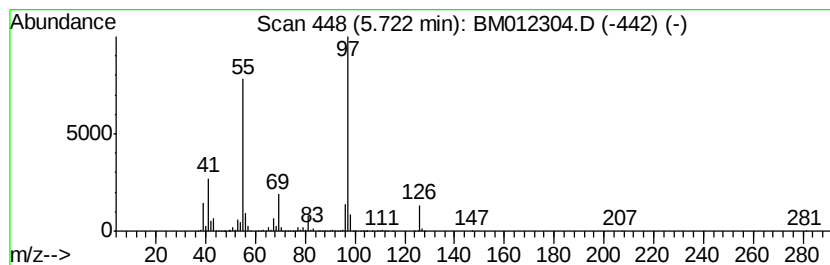
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic5.72 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	3.40 ng/ul	11835100	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
3		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
4		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	91
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

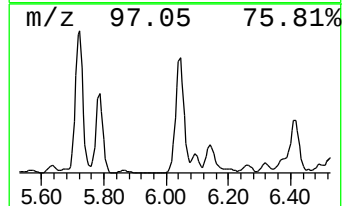
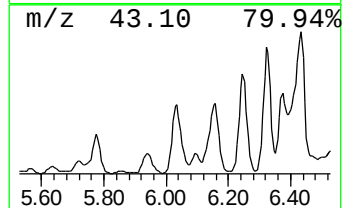
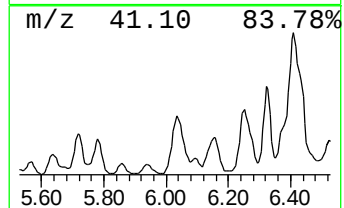
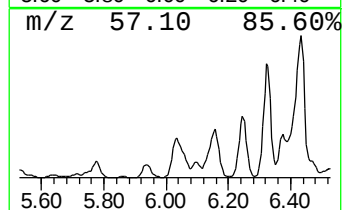
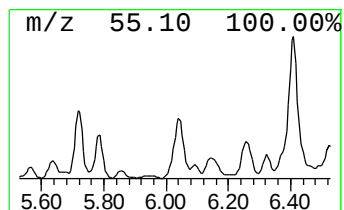
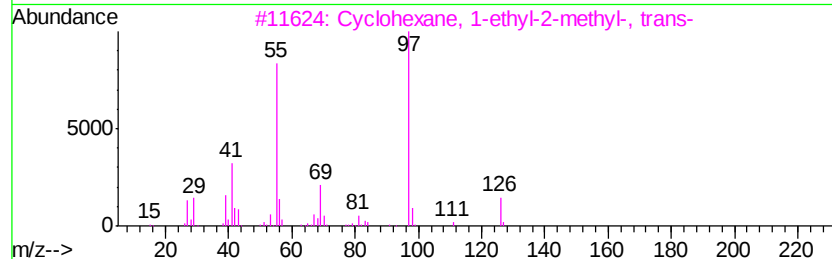
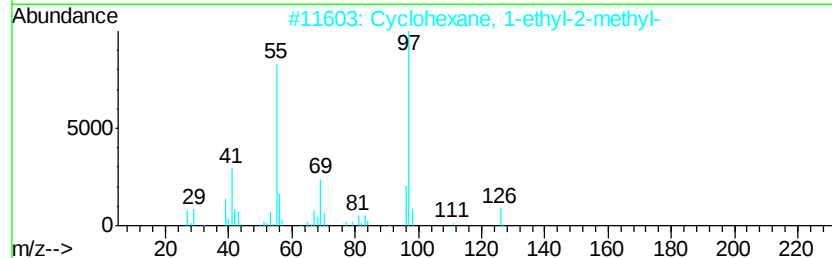
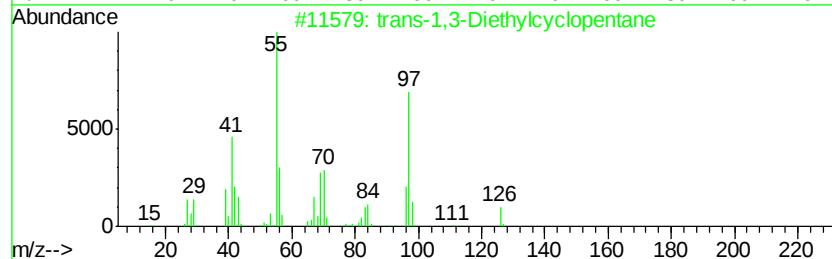
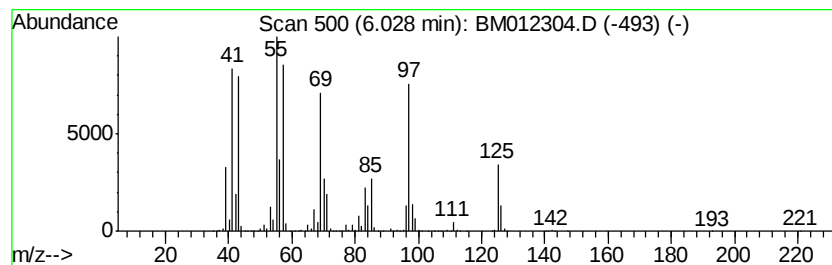
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic6.03 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	7.92 ng/ul	27575100	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	64
2		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	52
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	52
4		trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	49
5		trans--4-Nonene	126	C9H18	010405-85-3	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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Operator : SJ/JU
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ClientSampleId :
B-34(5-5.5)-100617

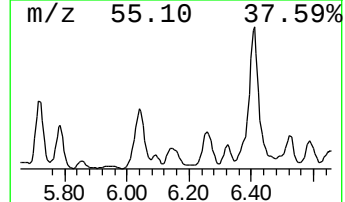
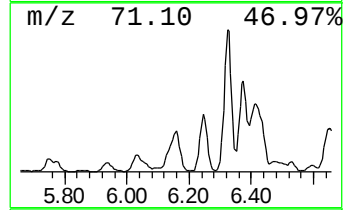
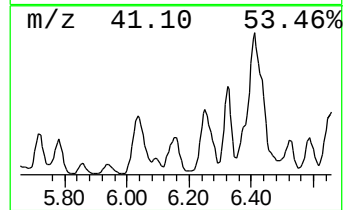
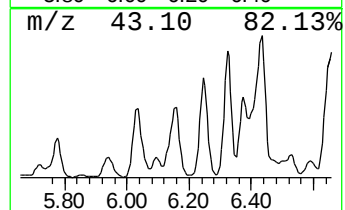
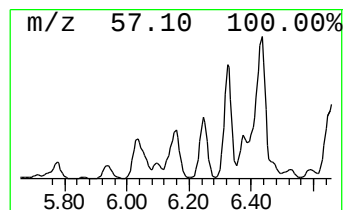
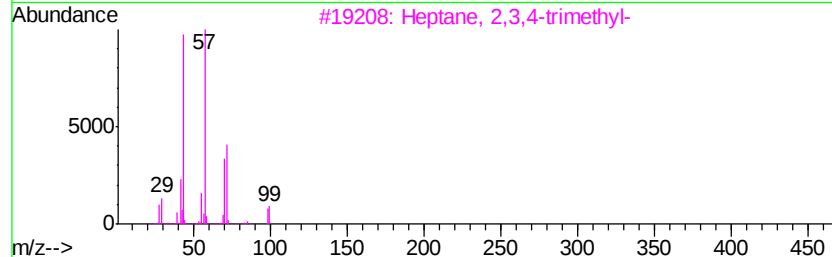
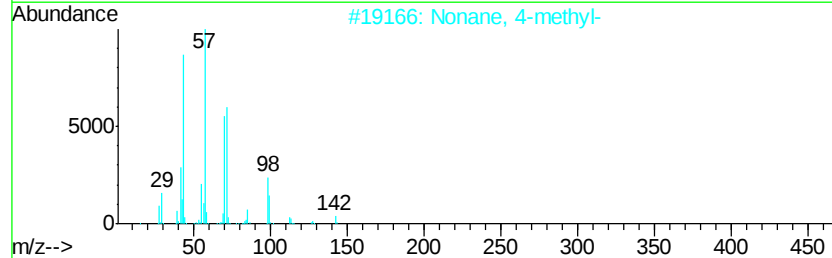
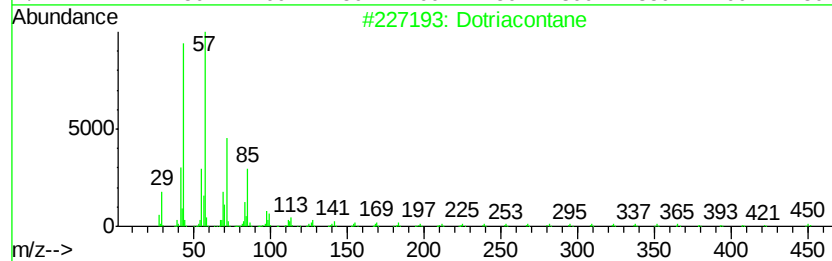
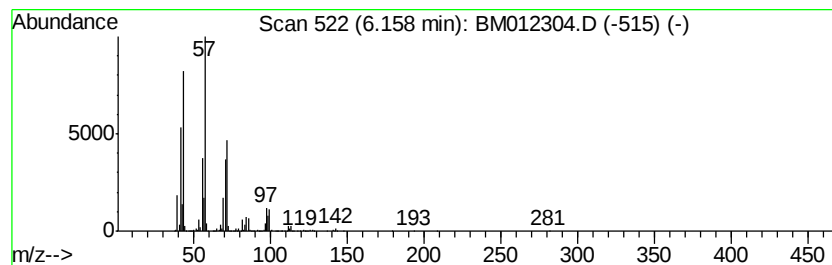
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	3.67 ng/ul	12779800	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dotriacontane	451	C32H66	000544-85-4	64
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	59
3			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
4			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58



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Sample : I5747-08
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

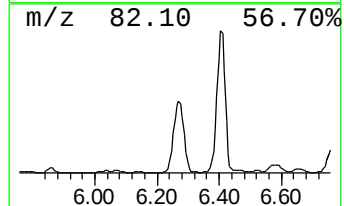
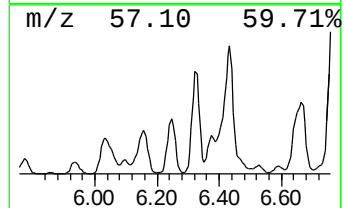
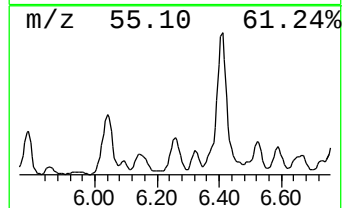
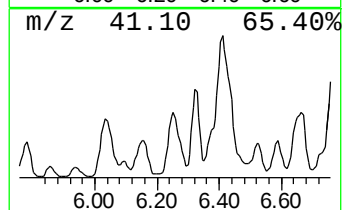
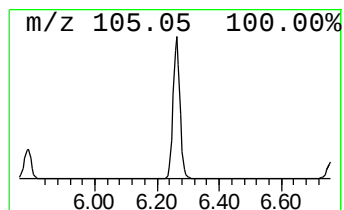
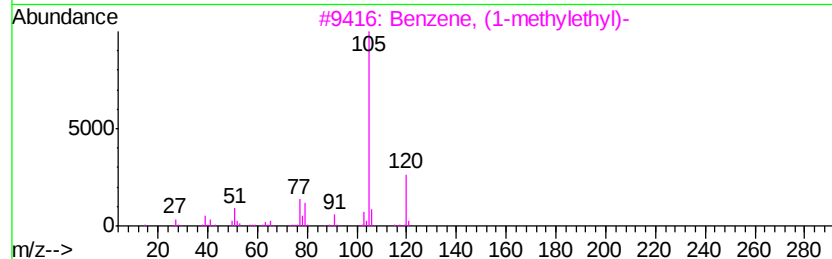
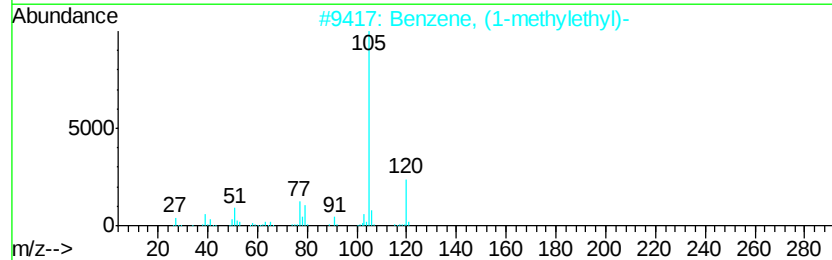
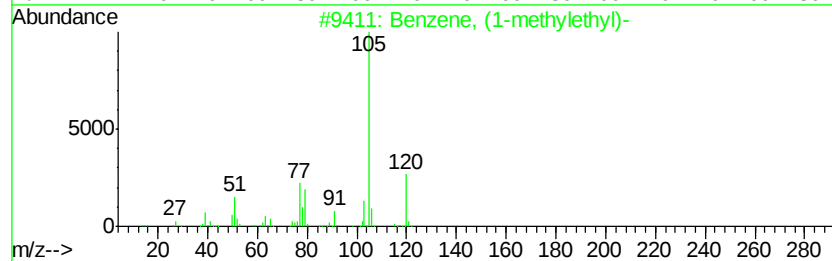
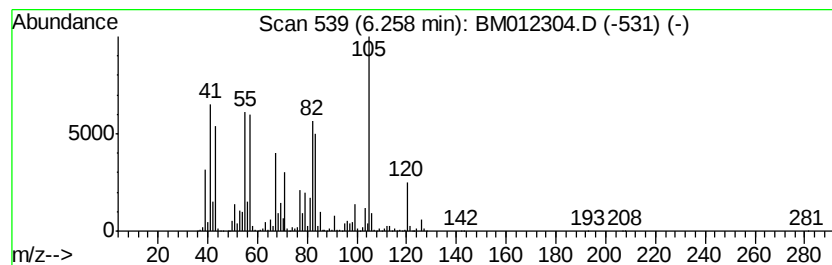
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, (1-methylethyl)- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	9.38 ng/ul	32675700	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	52
2		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38
3		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38
4		Succinic acid, cis-hex-3-enyl de...	340	C20H36O4	1000353-41-2	35
5		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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B-34(5-5.5)-100617

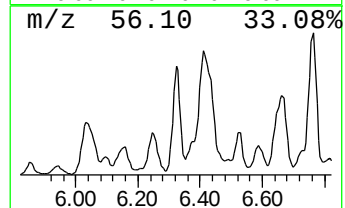
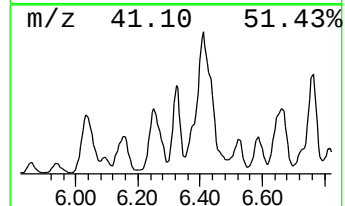
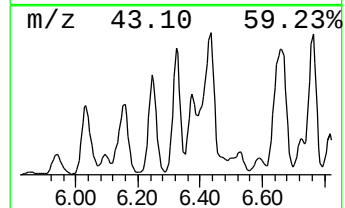
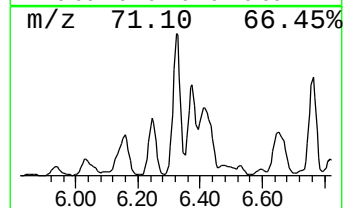
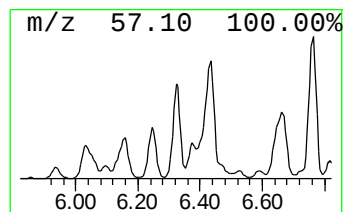
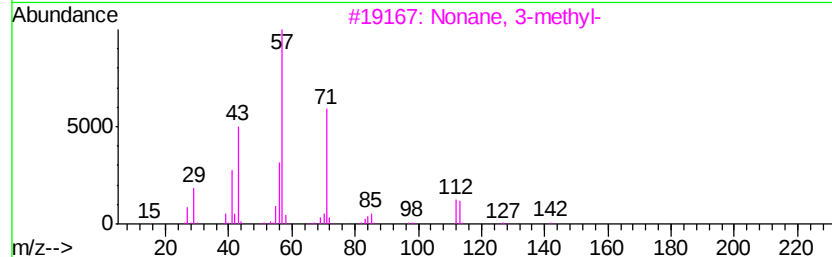
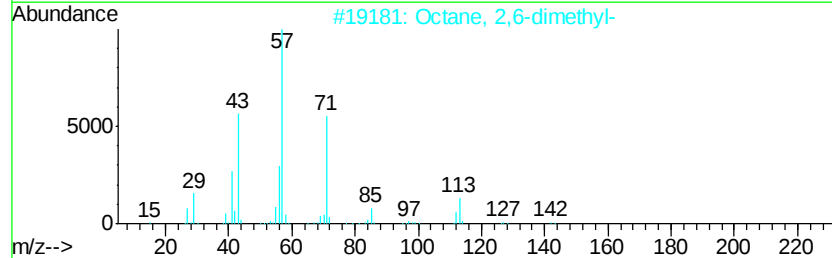
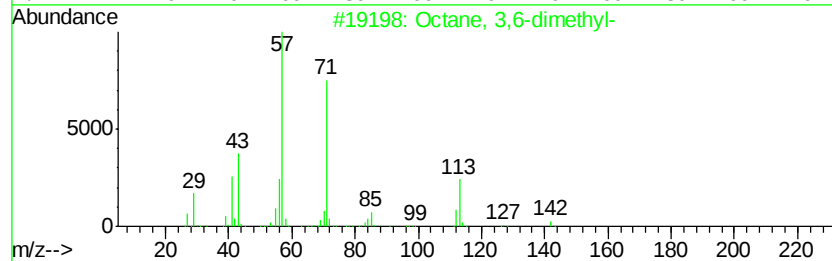
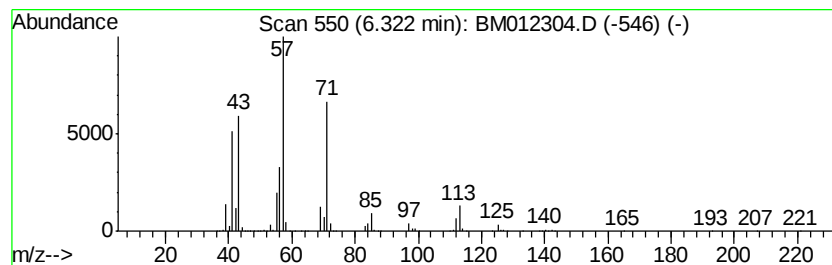
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	5.02 ng/ul	17488200	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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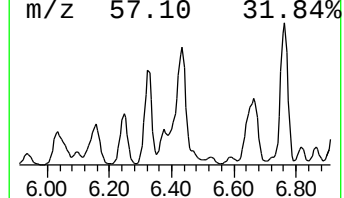
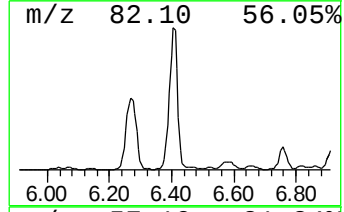
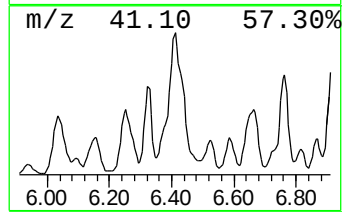
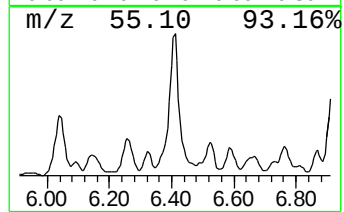
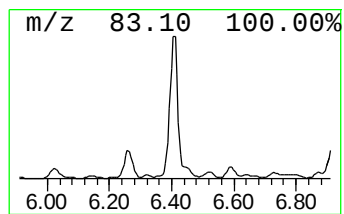
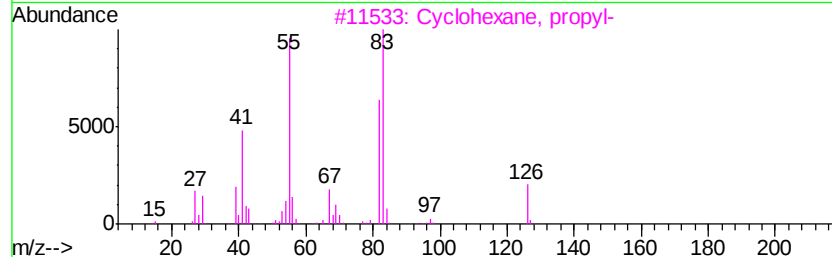
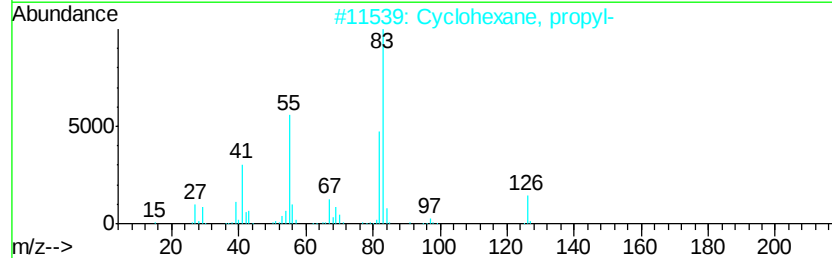
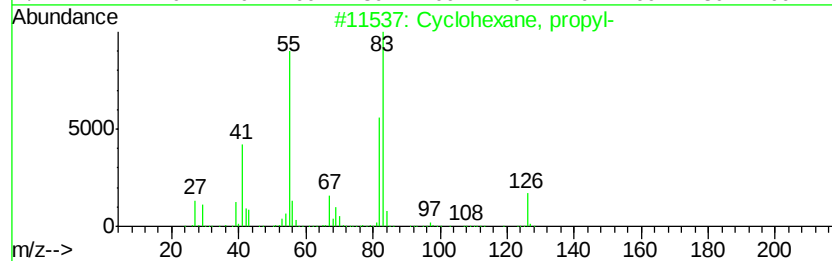
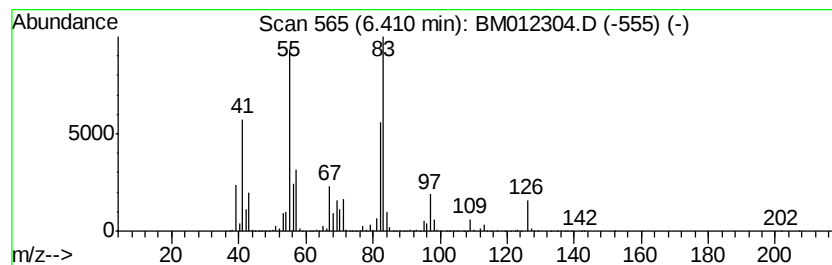
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Cyclic6.41 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	20.01 ng/ul	69686400	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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ALS Vial : 23 Sample Multiplier: 1

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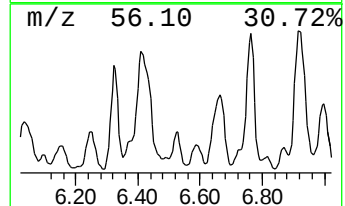
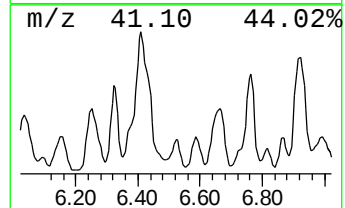
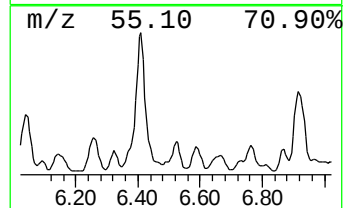
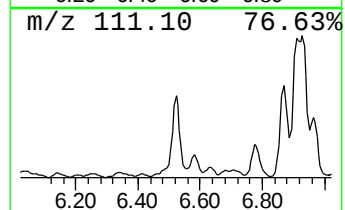
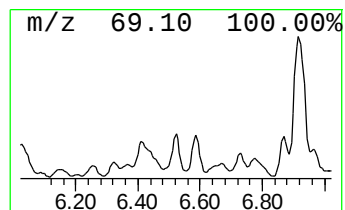
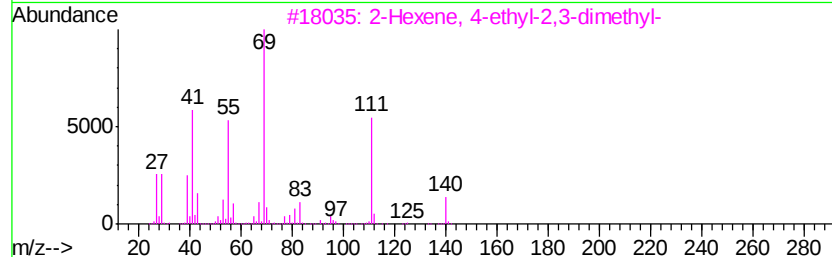
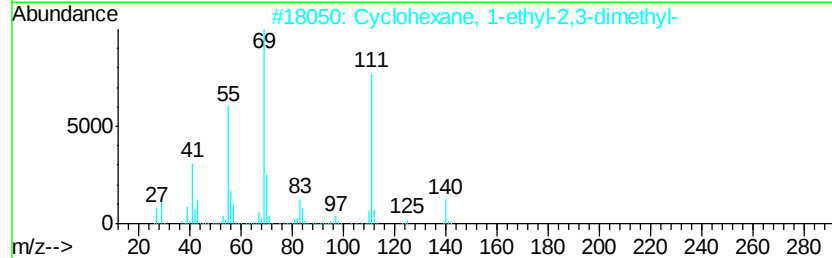
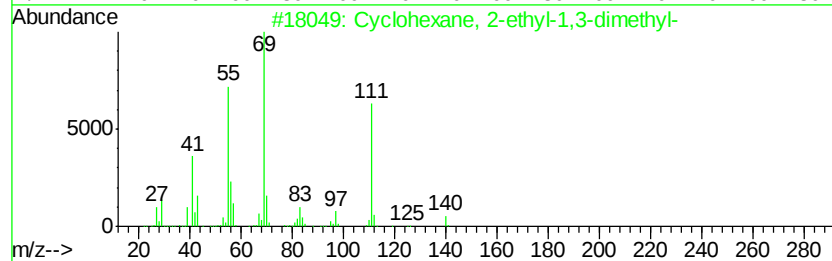
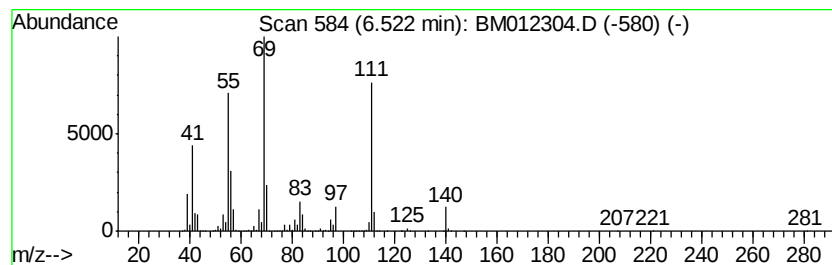
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic6.52 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	2.41 ng/ul	8397230	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	87
2			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	72
3			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	68
4			Cyclooctane, butyl-	168	C12H24	016538-93-5	64
5			3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	60



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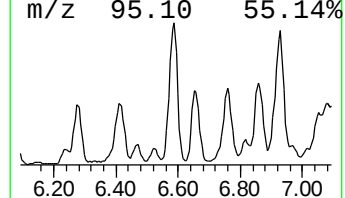
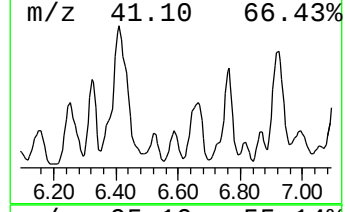
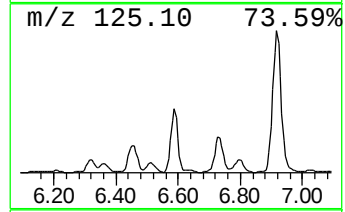
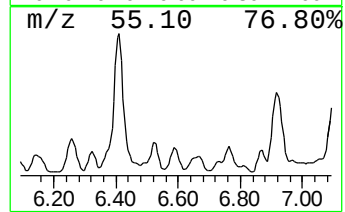
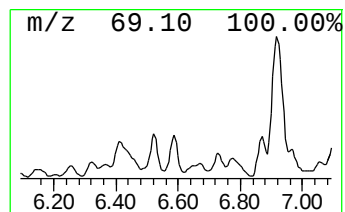
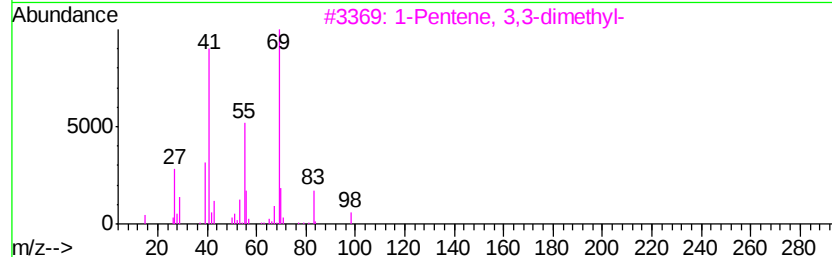
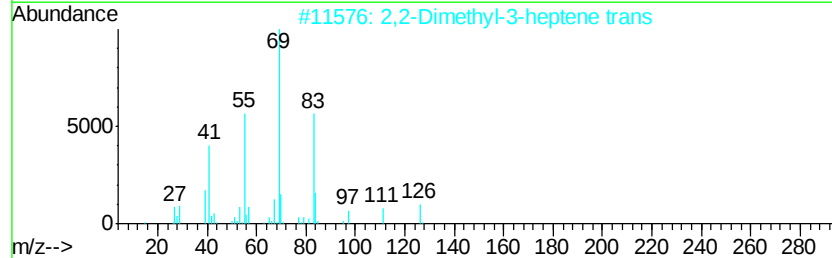
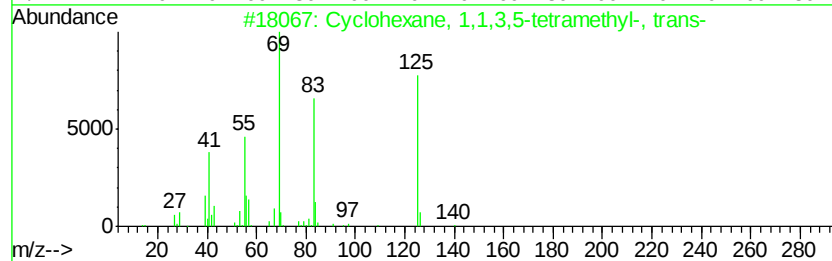
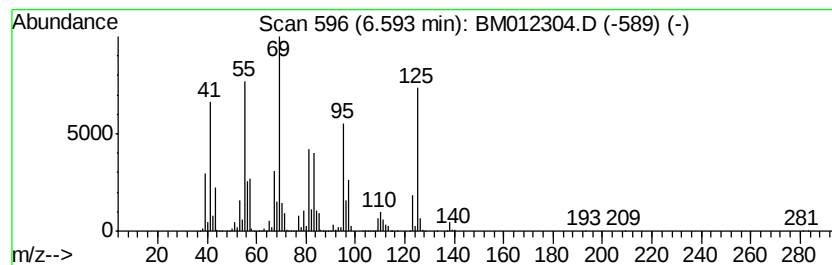
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic6.59 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	3.16 ng/ul	11017900	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	53
2			2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	35
3			1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	25
4			6-Methyl-1,5-heptadiene	110	C8H14	007270-50-0	22
5			2-Pentene, 3-methyl-	84	C6H12	000922-61-2	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

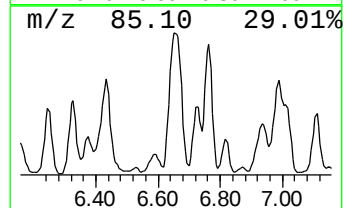
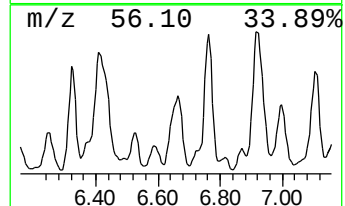
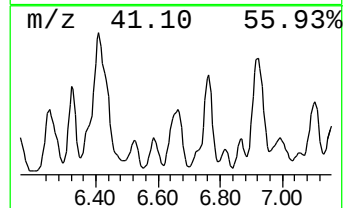
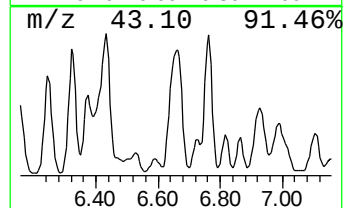
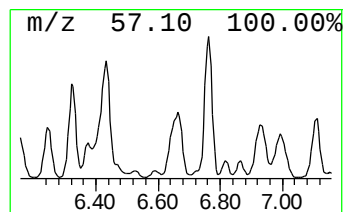
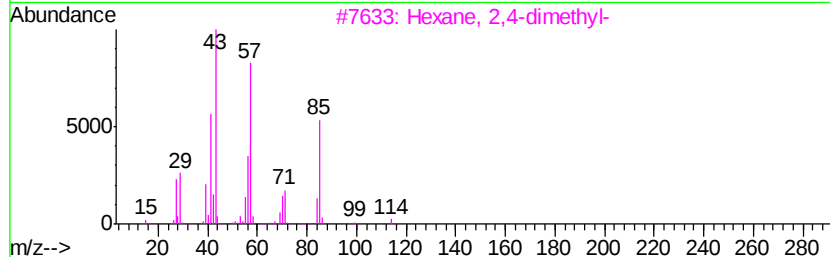
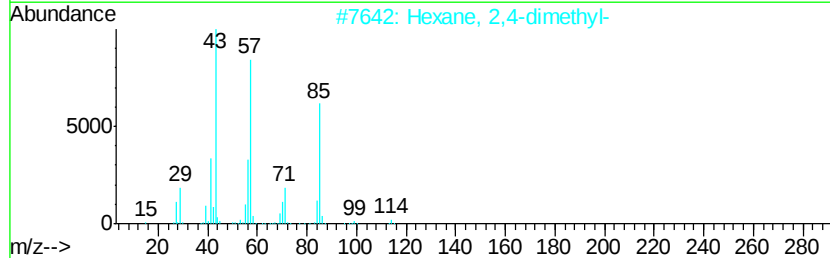
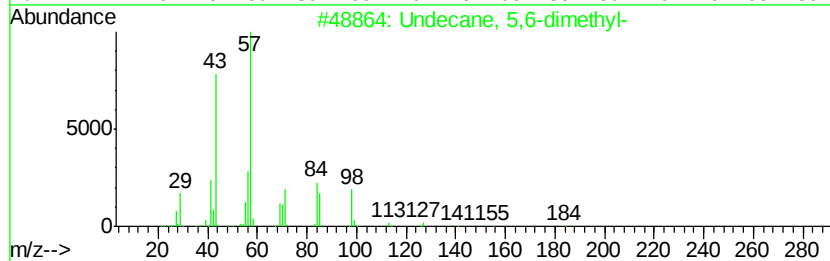
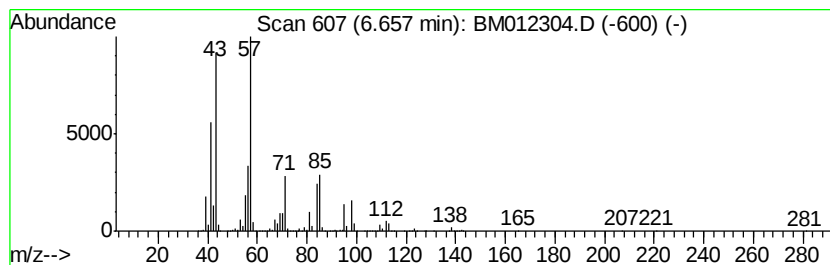
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	6.51 ng/ul	22666400	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	72
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	49
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	46
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
5			Heptane, 4-ethyl-	128	C9H20	002216-32-2	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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Operator : SJ/JU
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Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

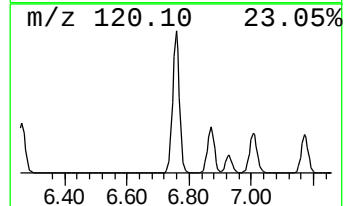
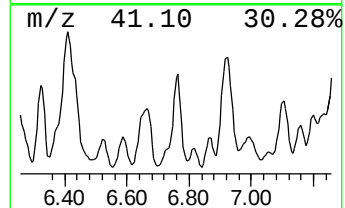
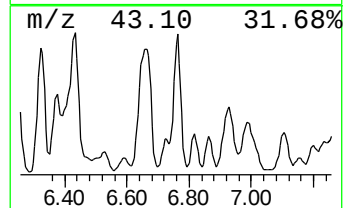
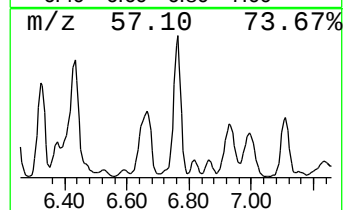
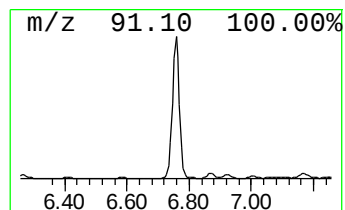
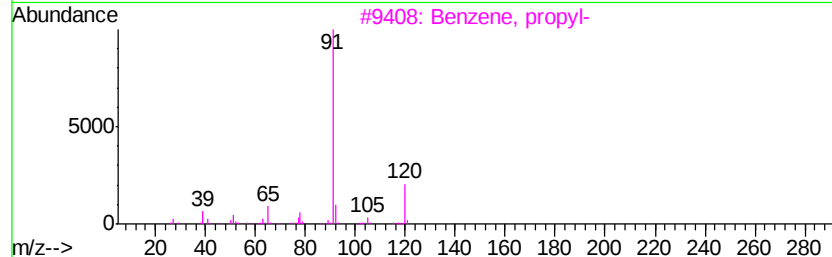
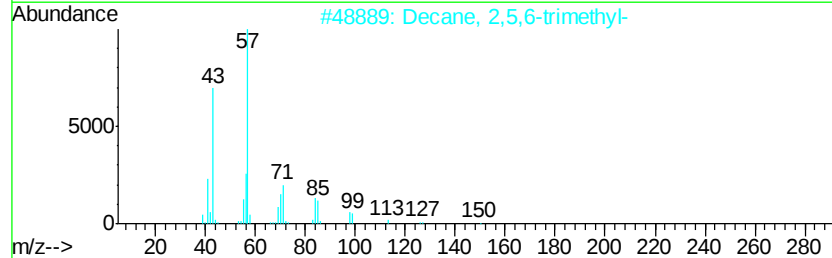
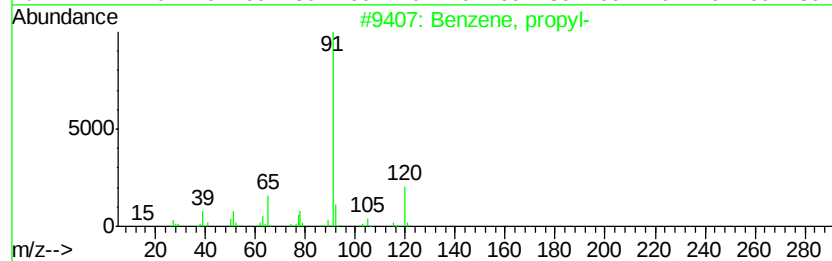
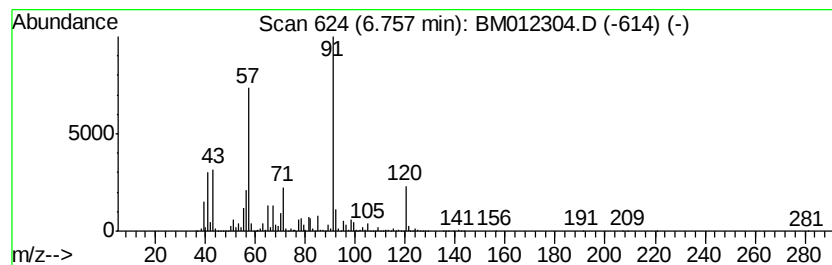
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, propyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	13.41 ng/ul	46714300	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	70
2		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38
3		Benzene, propyl-	120	C9H12	000103-65-1	38
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	35
5		Nonane, 4-methyl-	142	C10H22	017301-94-9	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
B-34(5-5.5)-100617

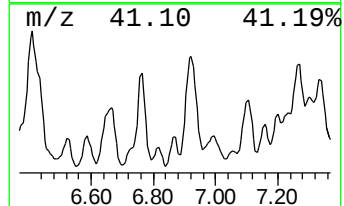
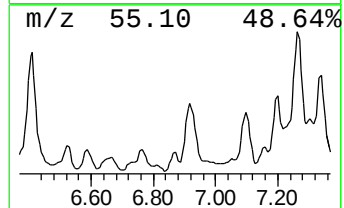
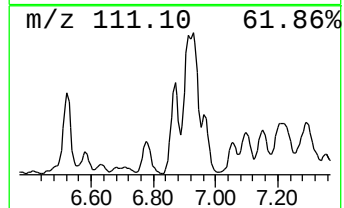
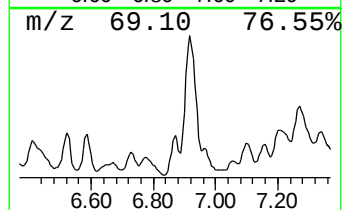
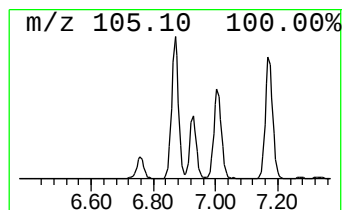
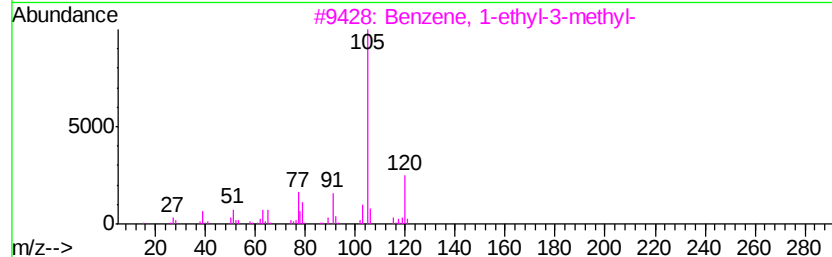
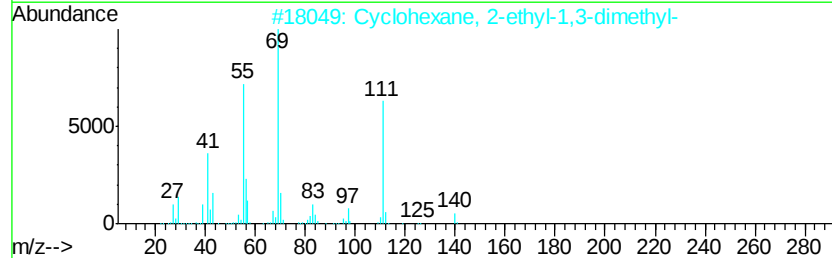
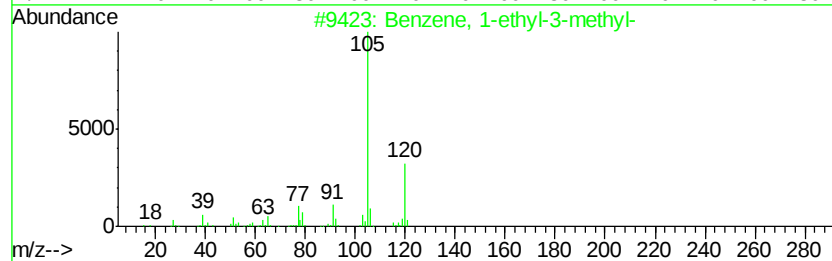
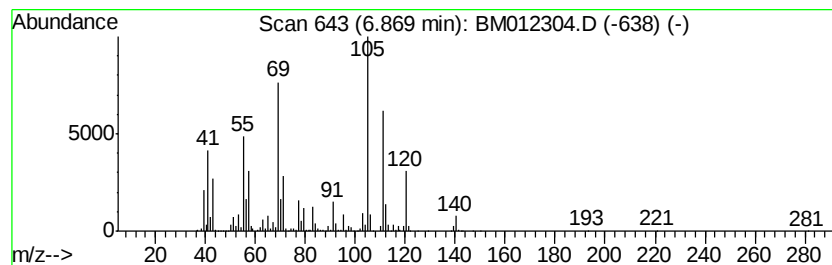
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1-ethyl-3-methyl- Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	3.79 ng/ul	13214900	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	53
2		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	53
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	44
4		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	43
5		3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

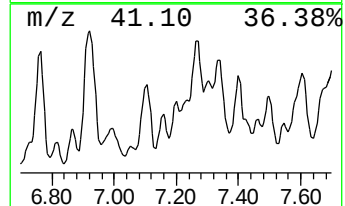
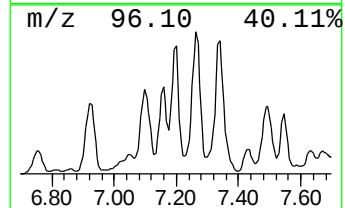
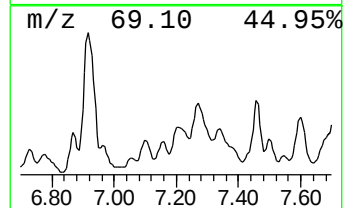
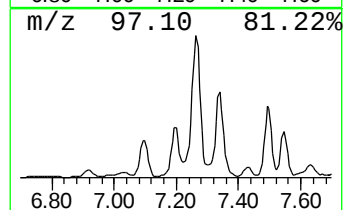
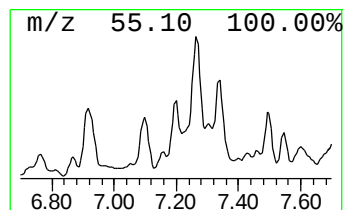
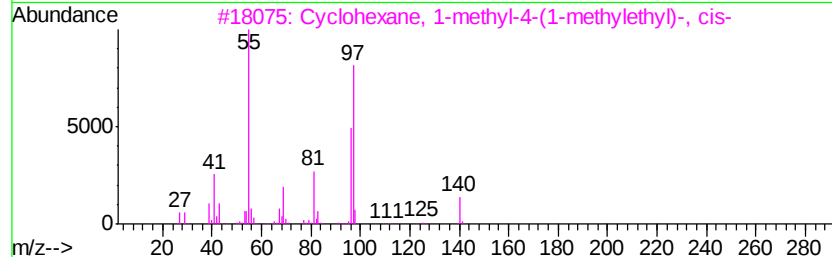
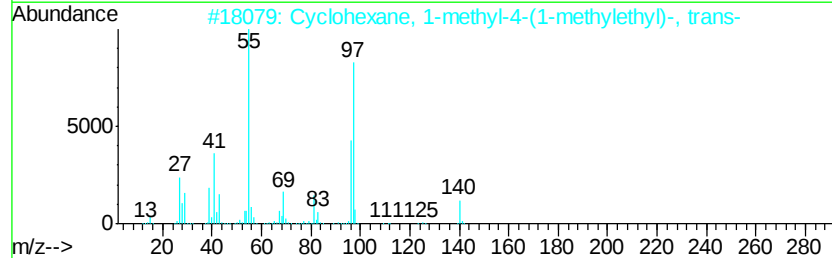
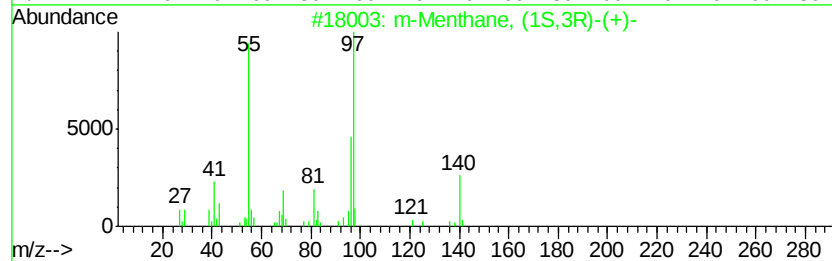
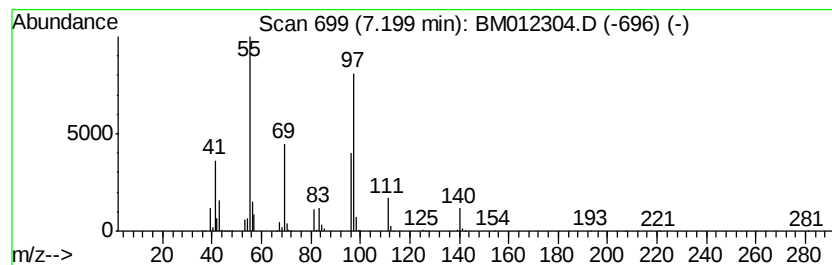
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic7.20 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	3.19 ng/ul	11103900	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	86
2		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	86
3		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	80
4		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	80
5		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampleId :
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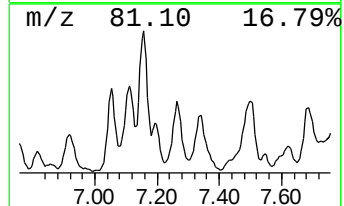
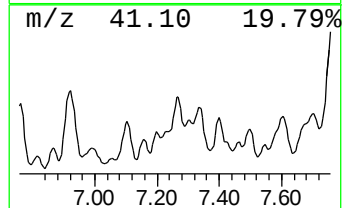
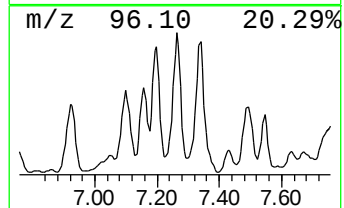
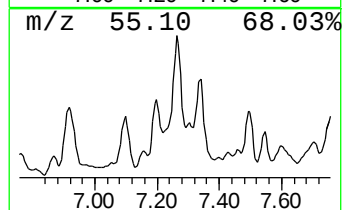
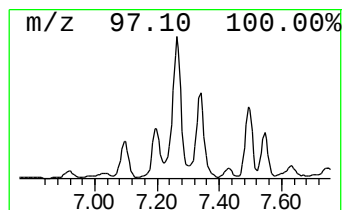
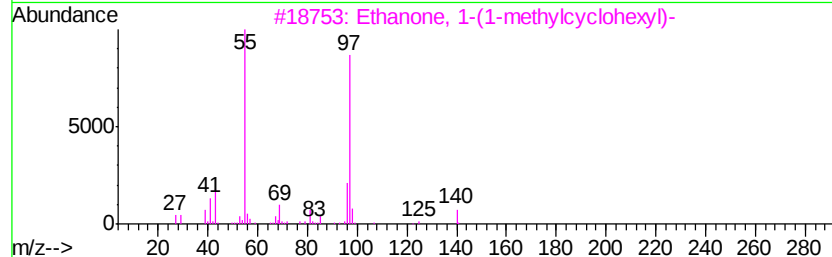
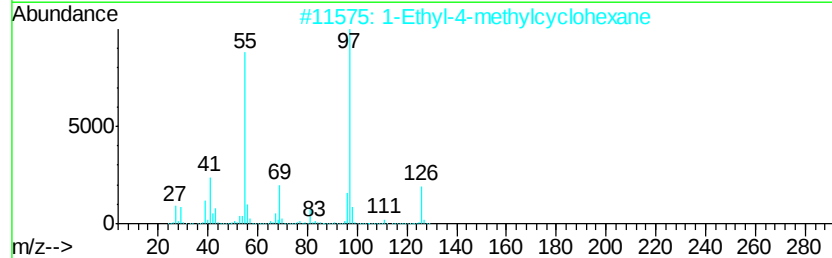
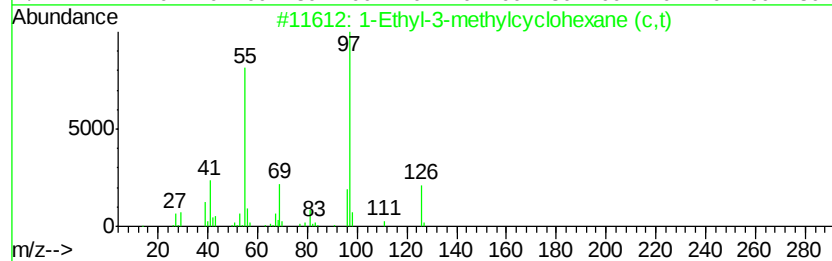
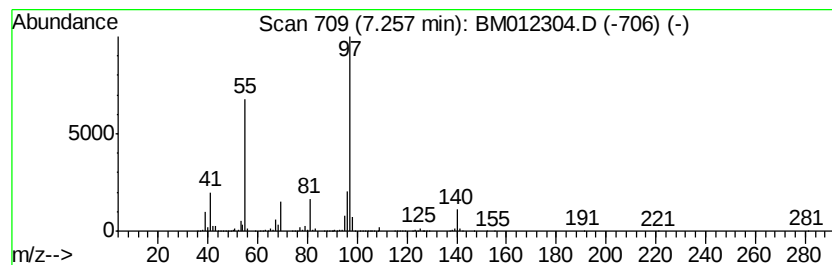
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic7.26 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	11.01 ng/ul	38329300	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
3		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
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ClientSampleId :
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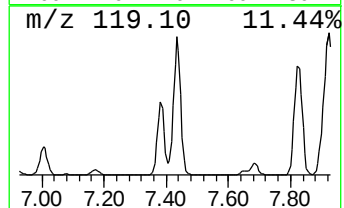
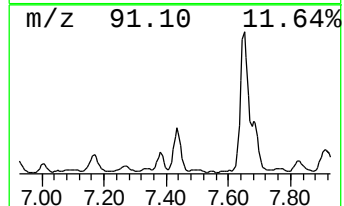
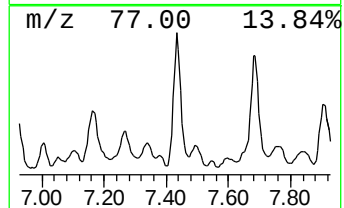
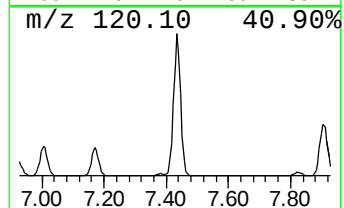
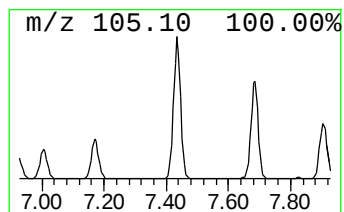
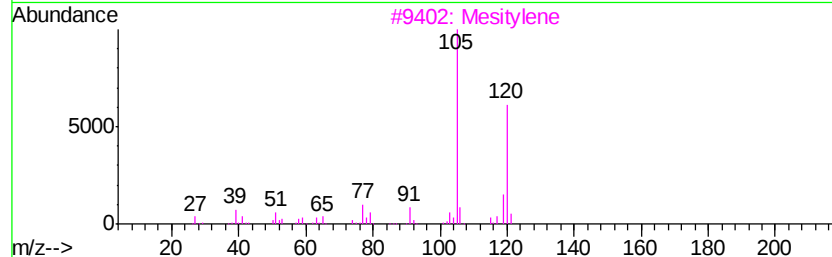
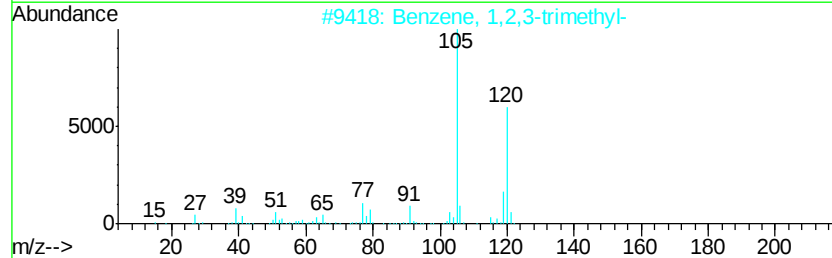
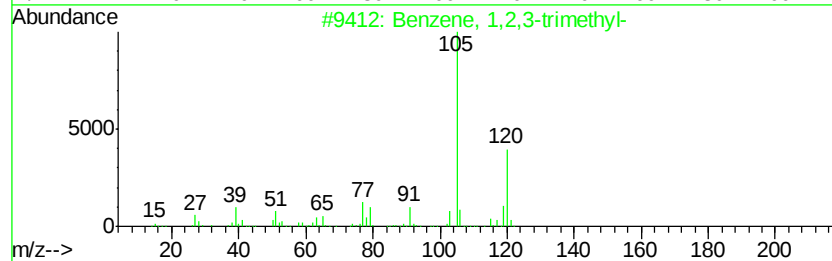
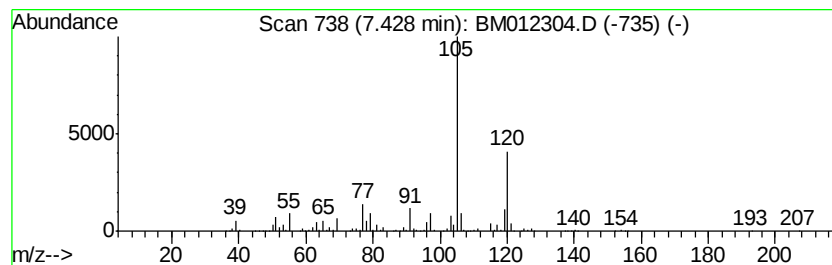
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 1,2,3-trimethyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	5.51 ng/ul	19202100	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Mesitylene	120	C9H12	000108-67-8	94
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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ClientSampleId :
B-34(5-5.5)-100617

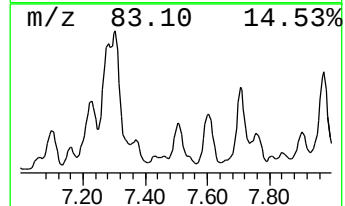
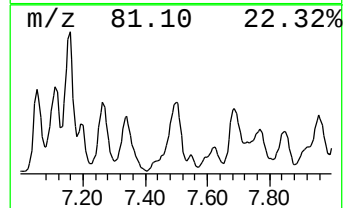
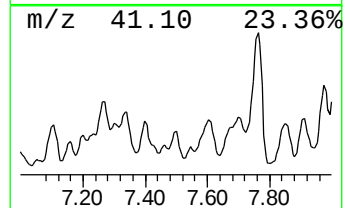
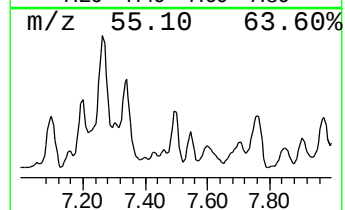
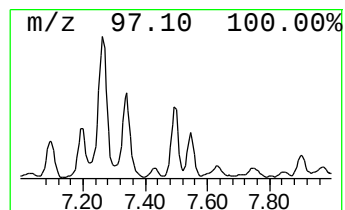
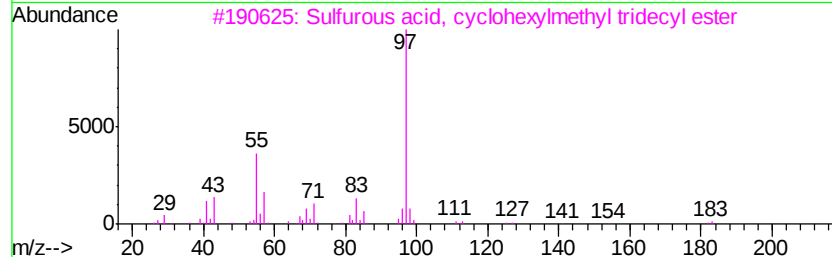
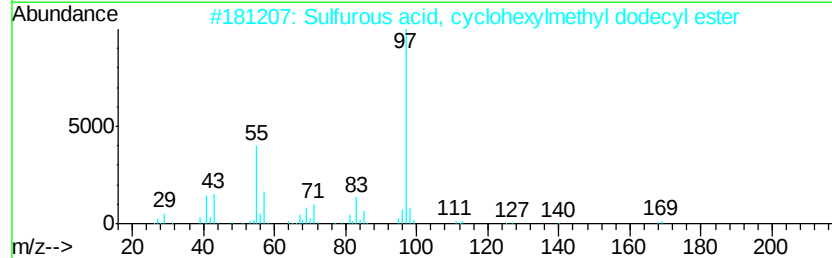
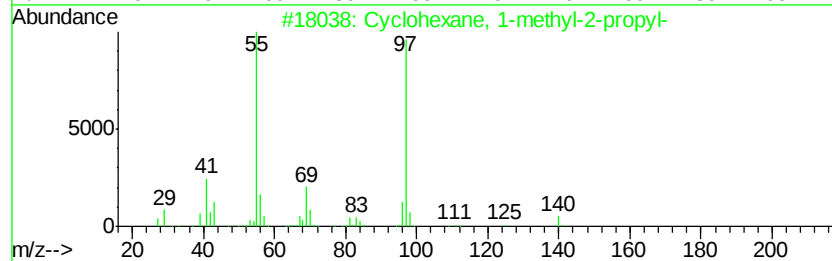
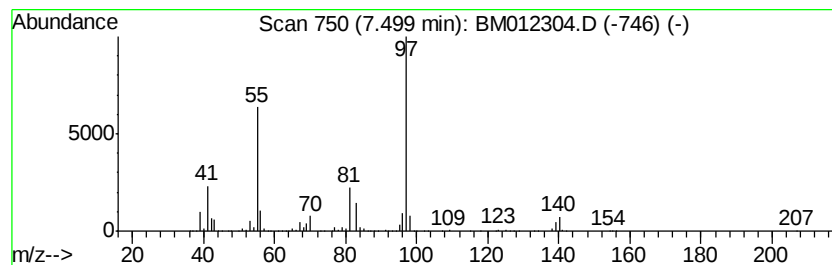
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic7.50 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	4.16 ng/ul	14496900	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	87
2			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	78
3			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	78
4			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	78
5			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

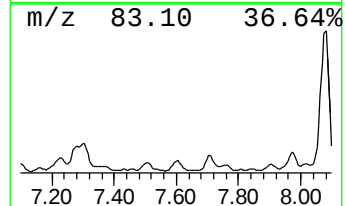
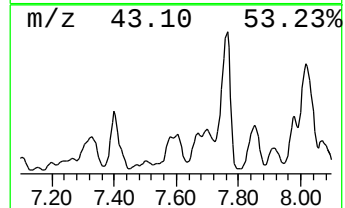
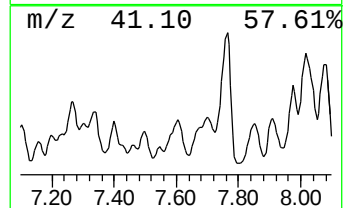
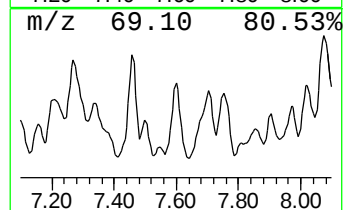
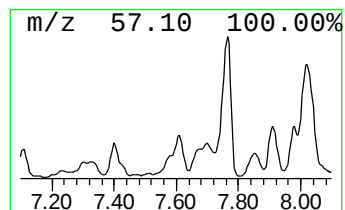
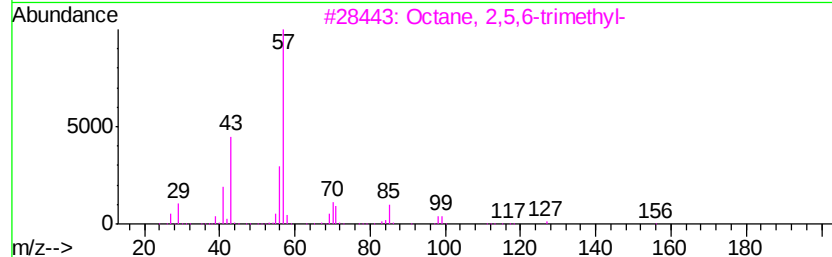
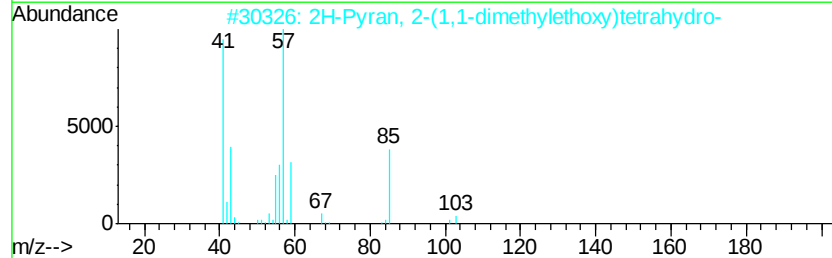
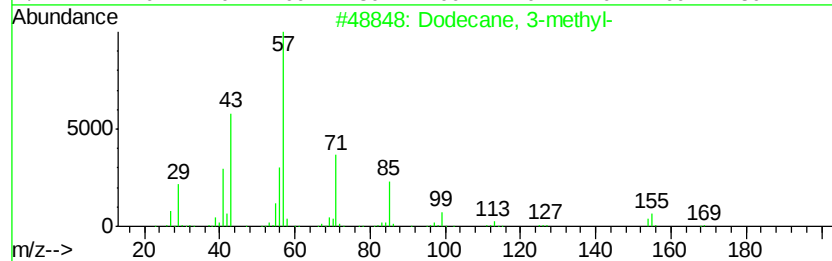
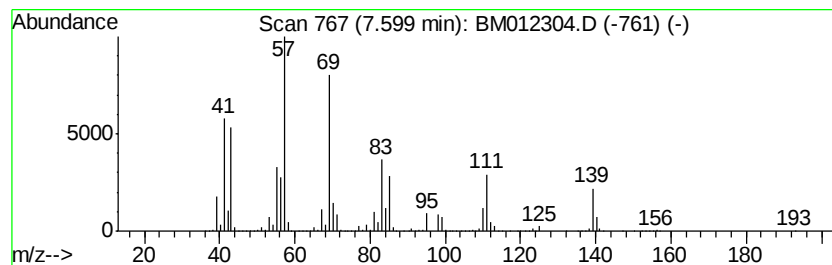
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	5.09 ng/ul	17719300	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	43
2			2H-Pyran, 2-(1,1-dimethylethoxy)...	158	C9H18O2	001927-69-1	38
3			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	38
4			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	38
5			Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

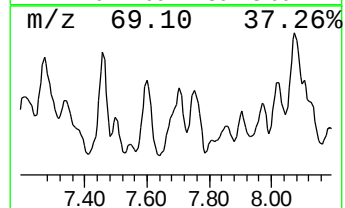
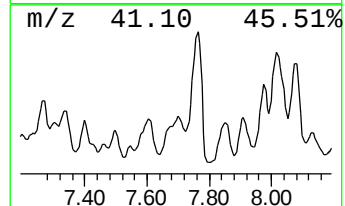
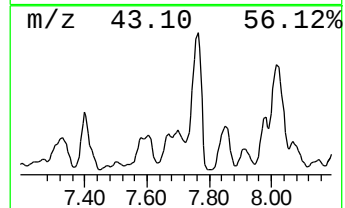
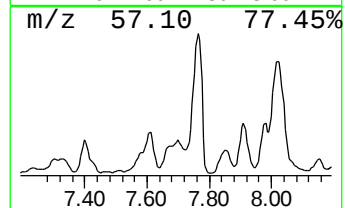
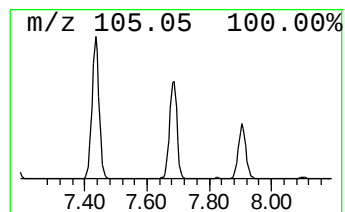
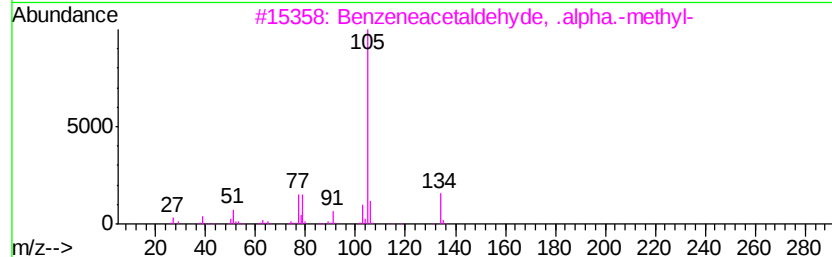
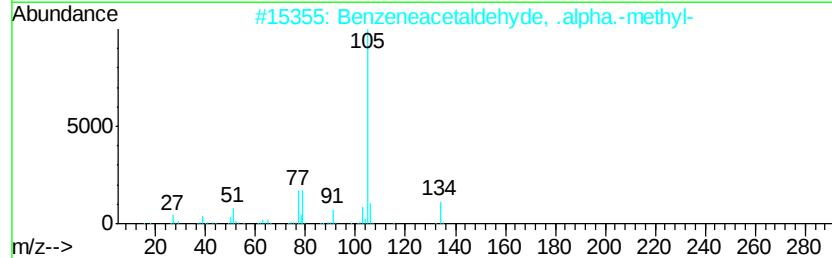
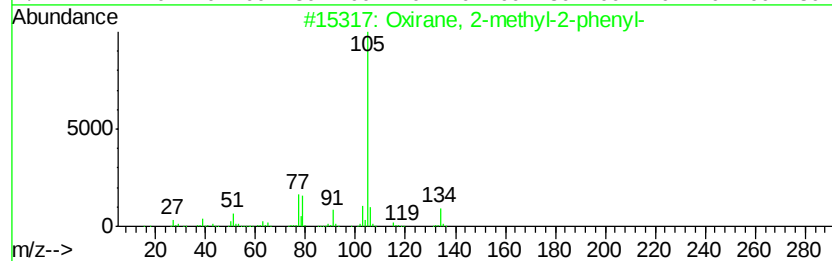
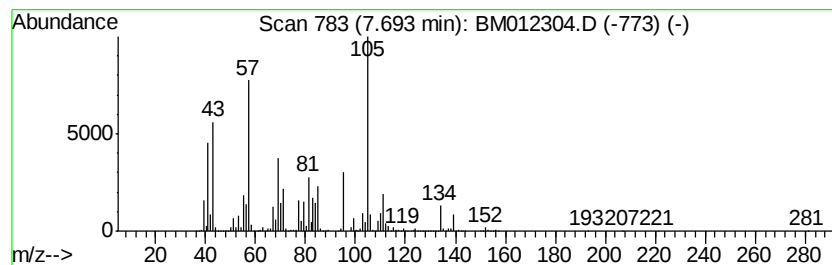
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Oxirane, 2-methyl-2-phenyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	11.68 ng/ul	40681700	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	50
2		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	50
3		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	50
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

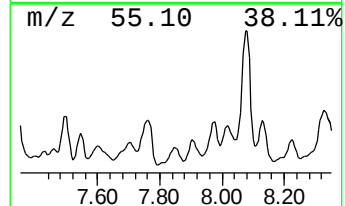
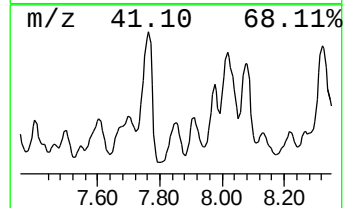
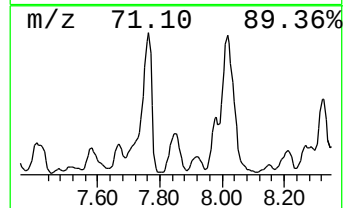
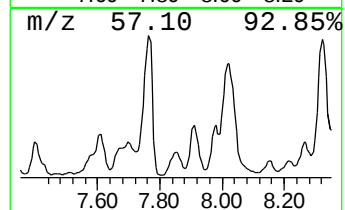
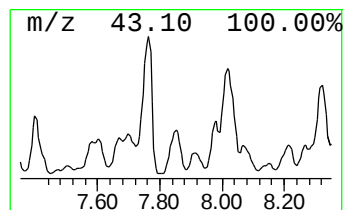
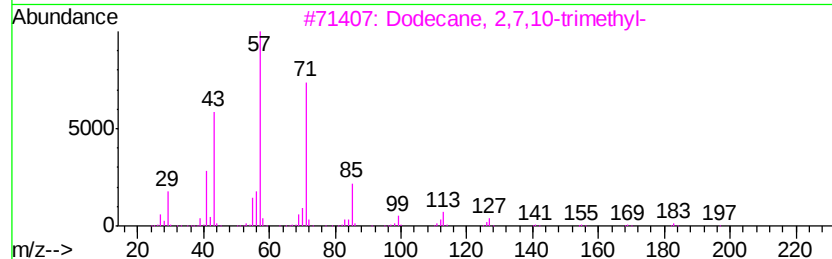
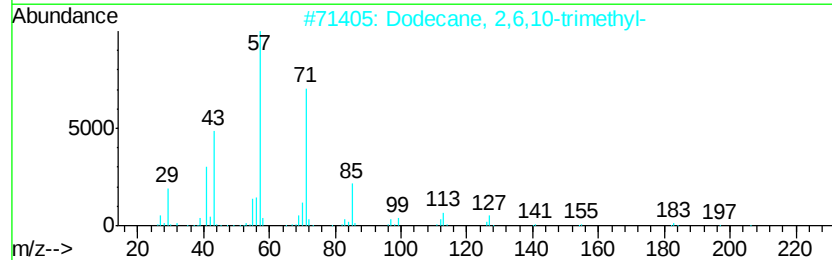
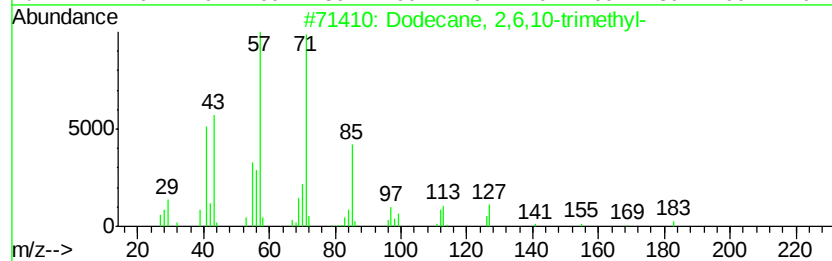
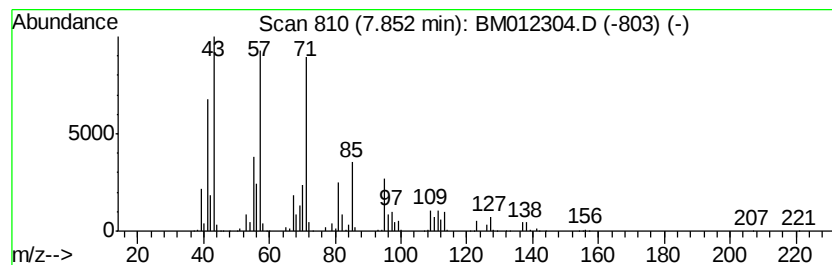
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	6.07 ng/ul	21128800	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	50
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
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Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

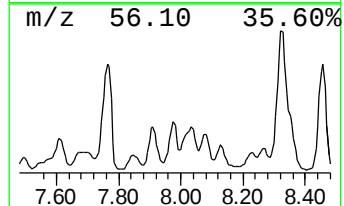
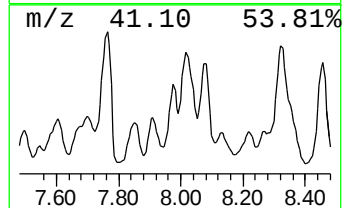
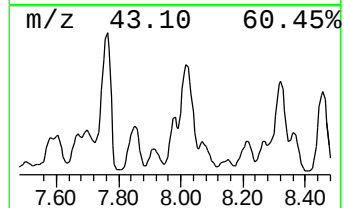
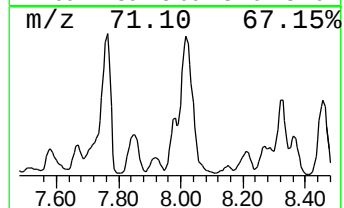
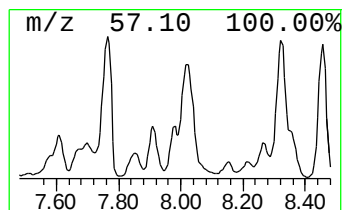
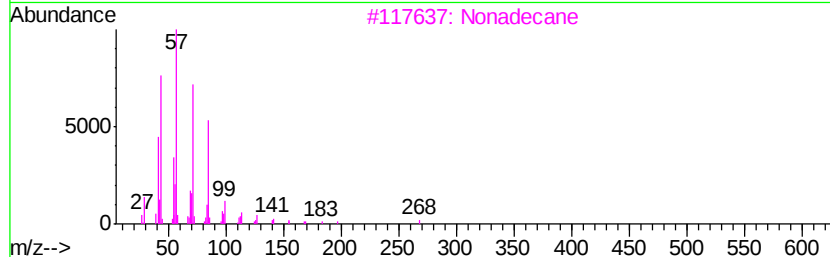
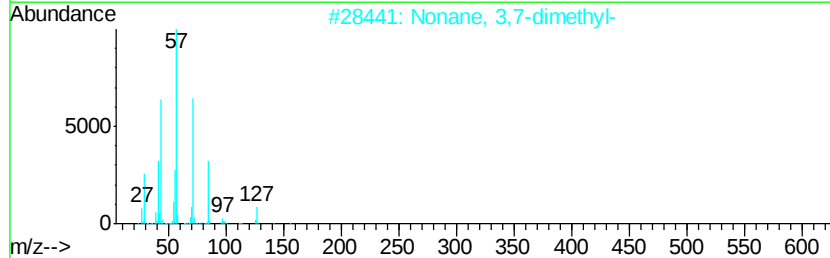
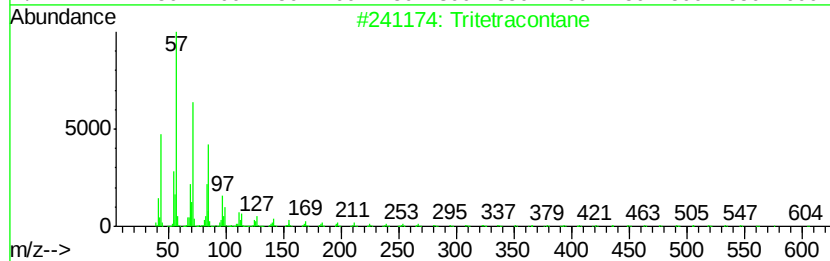
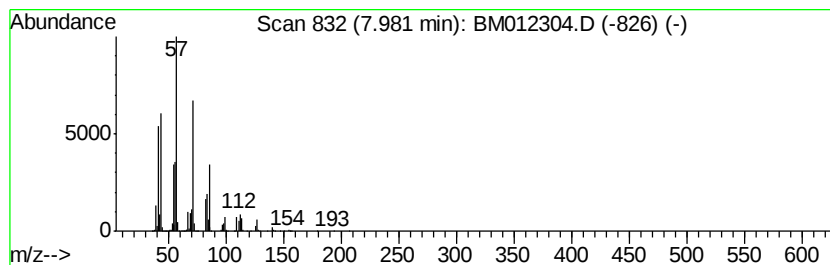
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	7.10 ng/ul	24740100	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	47
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
3		Nonadecane	268	C19H40	000629-92-5	43
4		Pentadecane	212	C15H32	000629-62-9	43
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

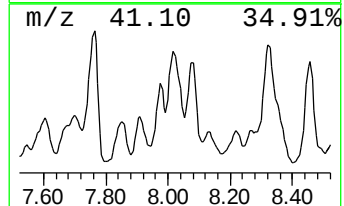
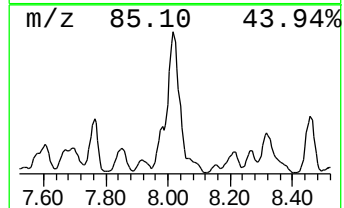
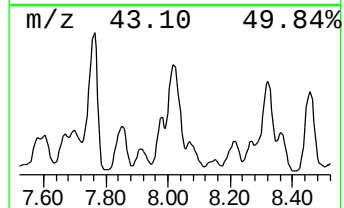
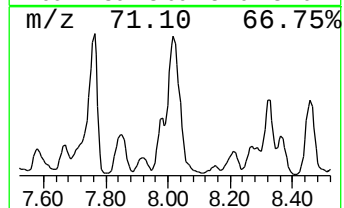
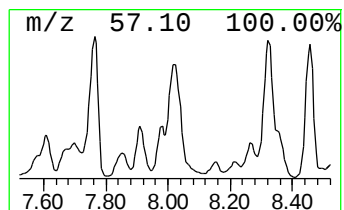
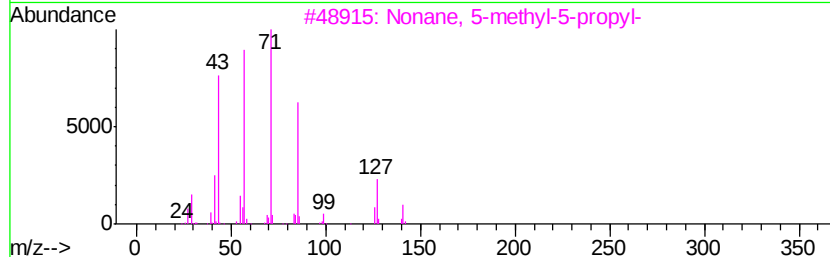
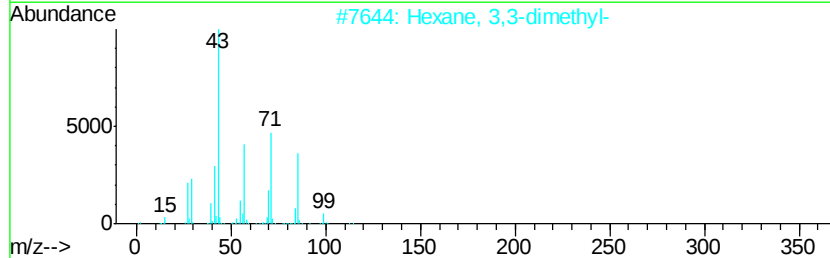
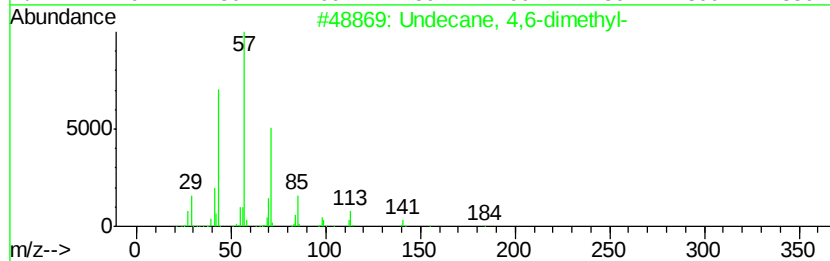
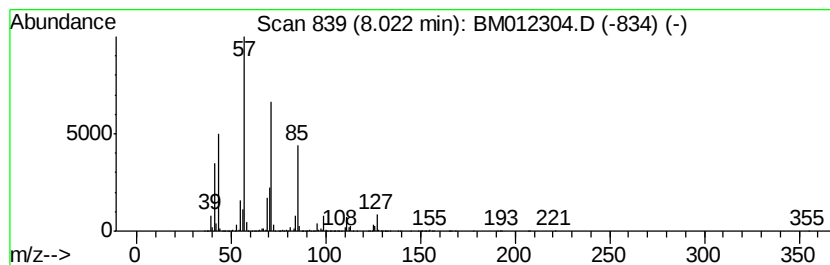
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	17.69 ng/ul	61607800	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
2		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
3		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59
4		Undecane, 4-methyl-	170	C12H26	002980-69-0	53
5		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
B-34(5-5.5)-100617

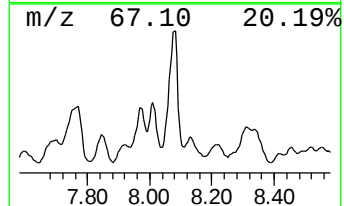
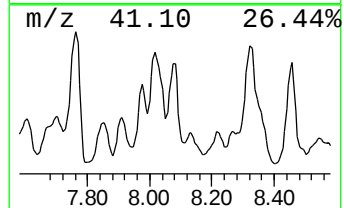
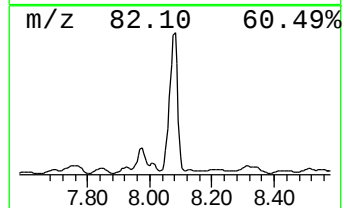
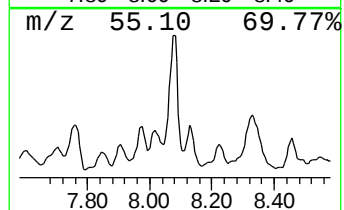
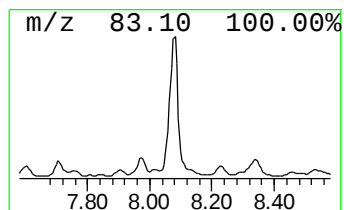
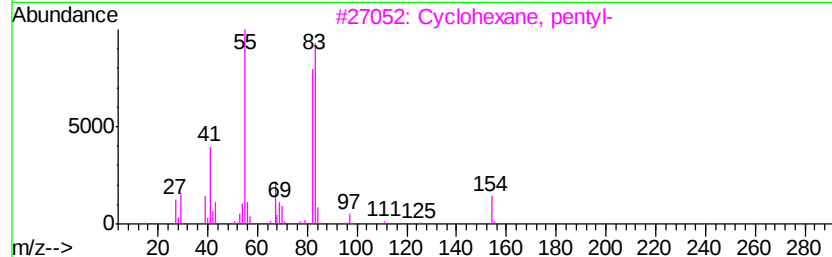
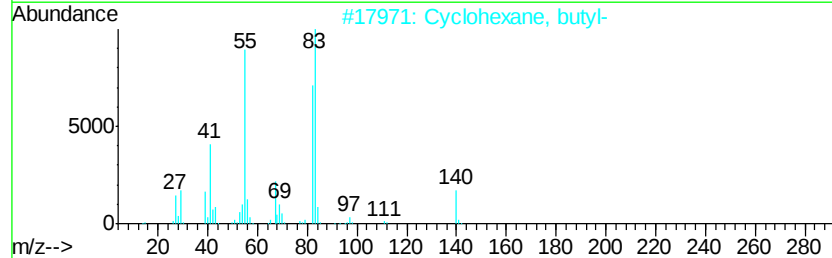
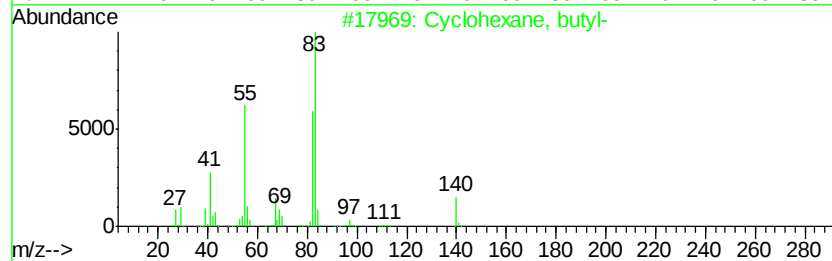
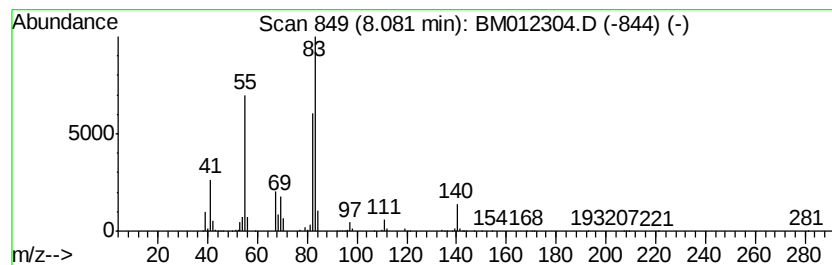
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Cyclic8.08 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	13.17 ng/ul	45847100	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	78



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Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

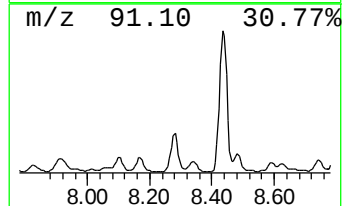
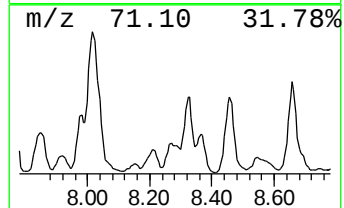
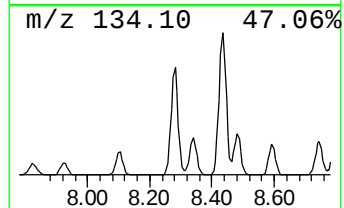
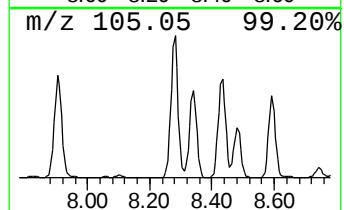
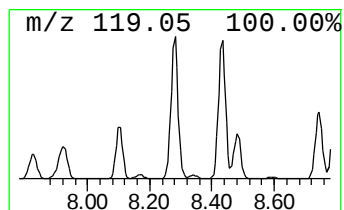
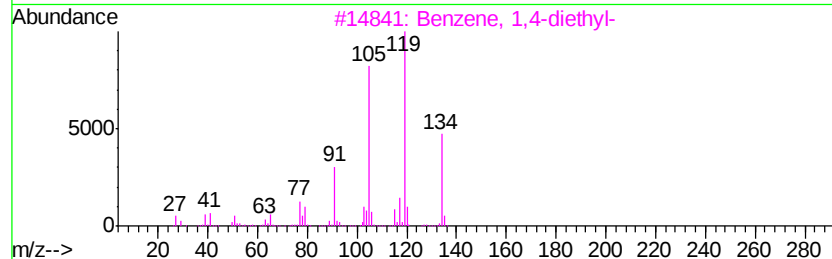
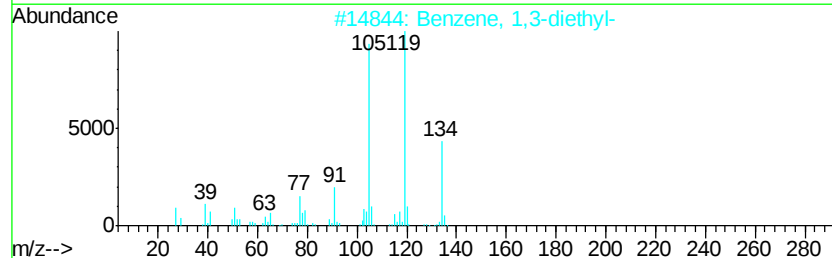
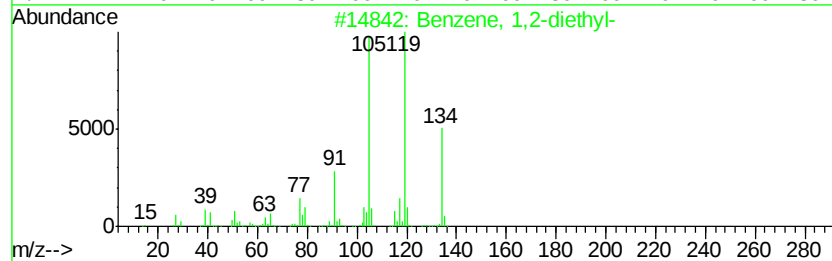
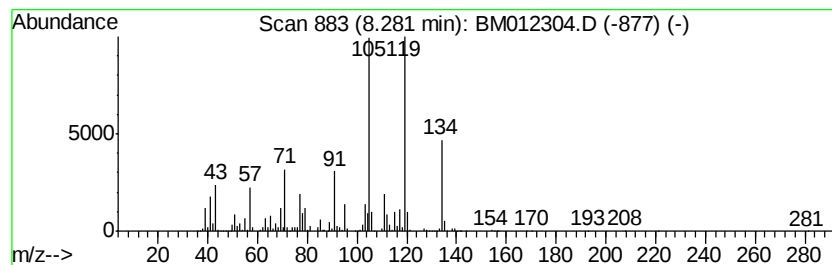
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Benzene, 1,2-diethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	6.53 ng/ul	22723300	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93



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Operator : SJ/JU
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ClientSampleId :
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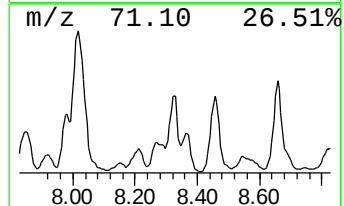
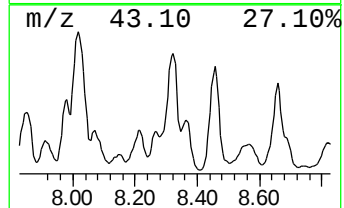
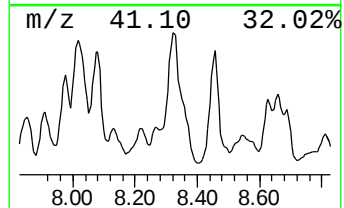
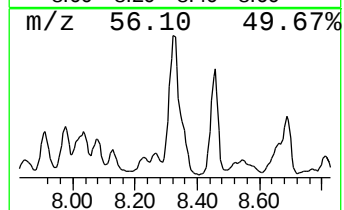
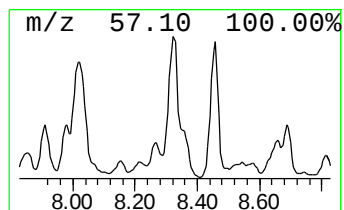
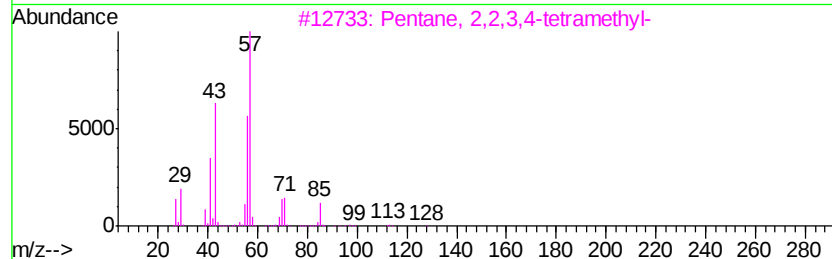
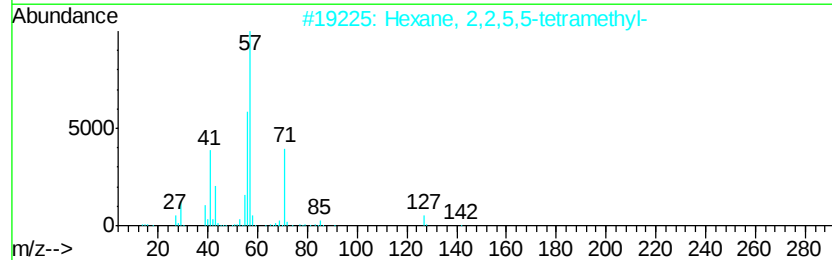
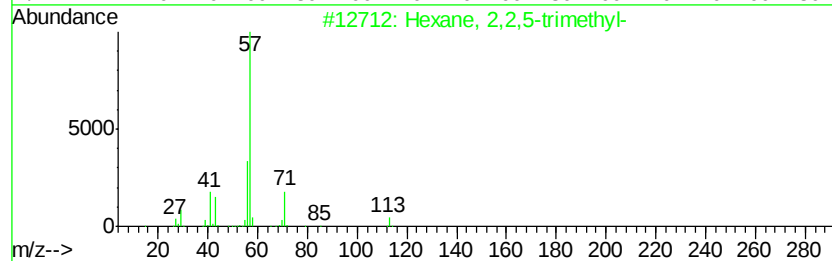
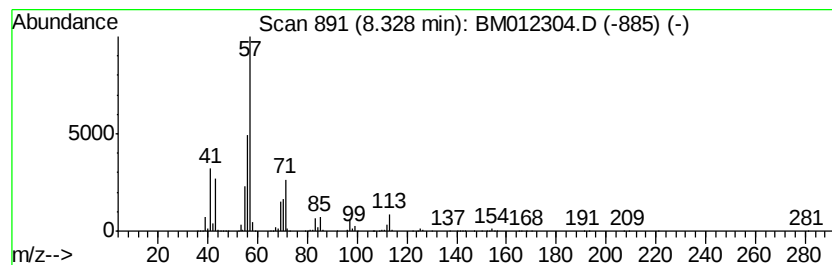
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	28.10 ng/ul	97842400	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
2		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
3		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
4		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
5		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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Operator : SJ/JU
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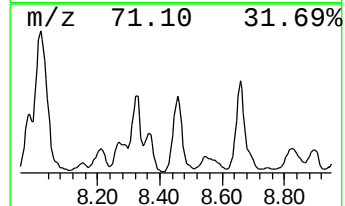
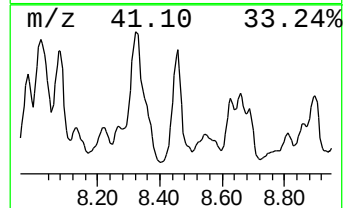
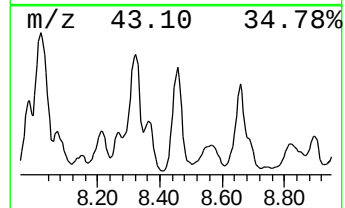
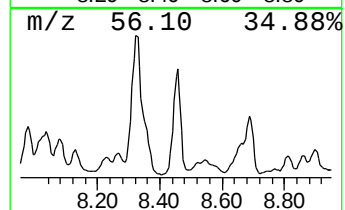
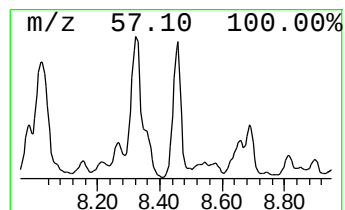
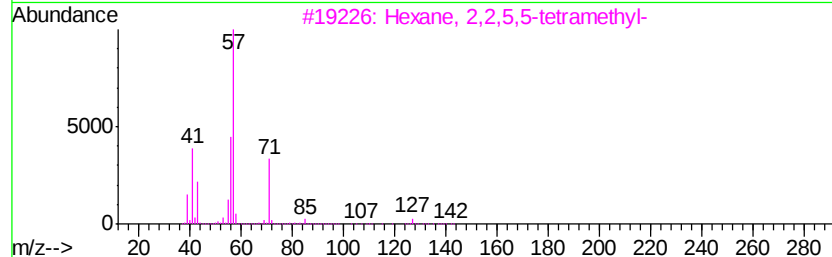
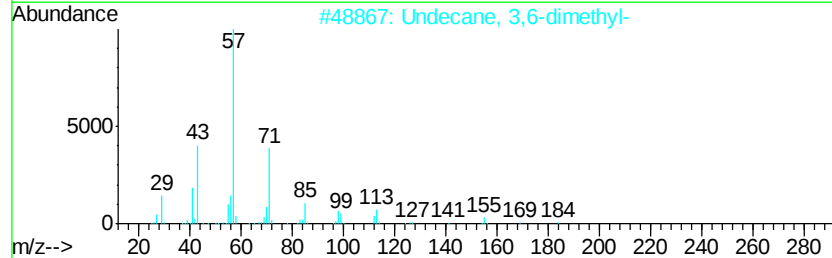
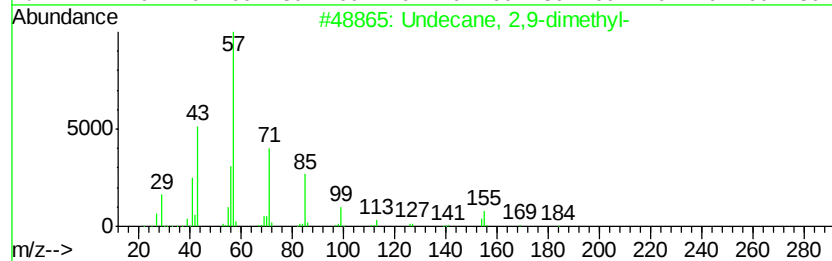
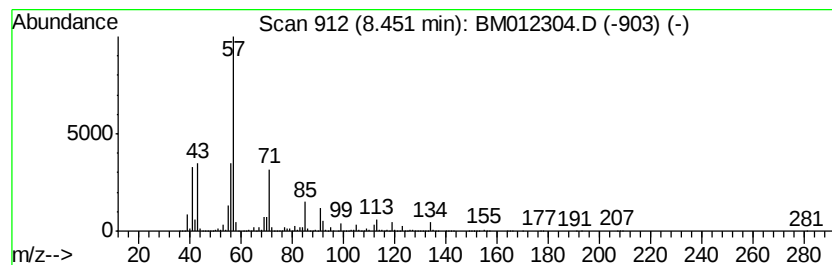
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	22.26 ng/ul	77511900	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50
3		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
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Operator : SJ/JU
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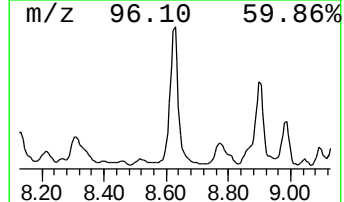
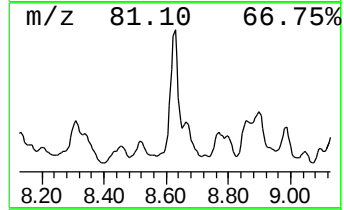
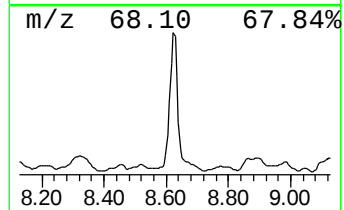
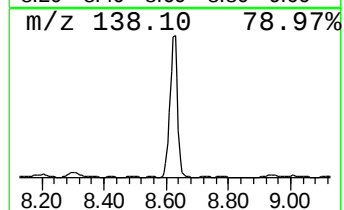
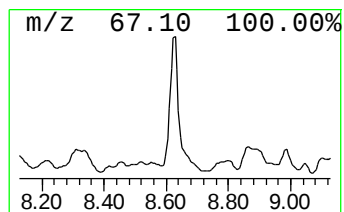
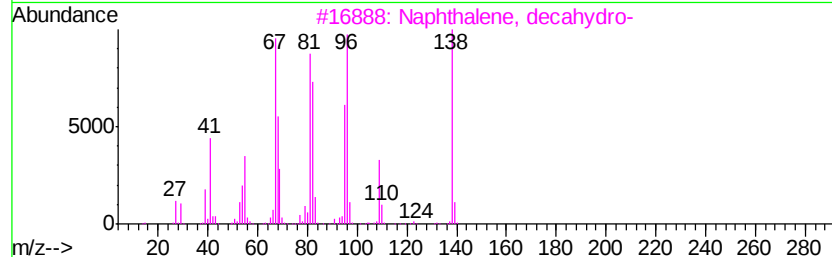
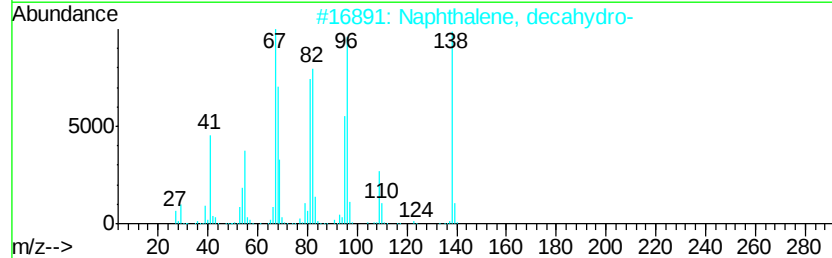
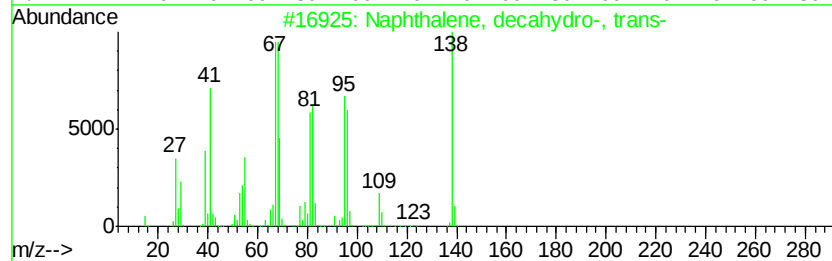
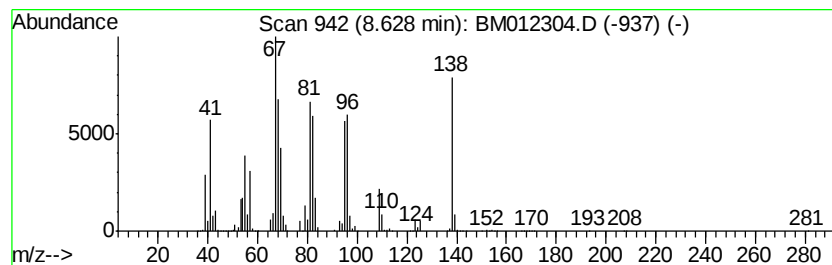
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Naphthalene, decahydro-, tr... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	8.20 ng/ul	28542500	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	96
3		Naphthalene, decahydro-	138	C10H18	000091-17-8	96
4		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
5		Naphthalene, decahydro-	138	C10H18	000091-17-8	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
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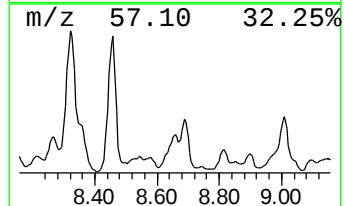
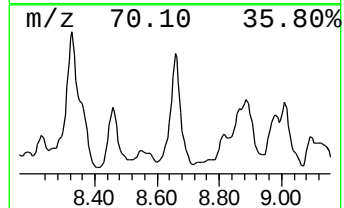
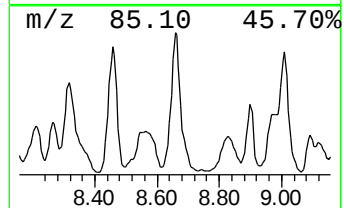
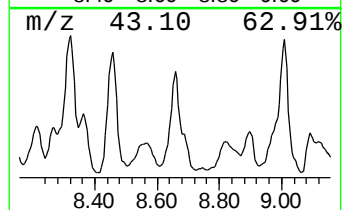
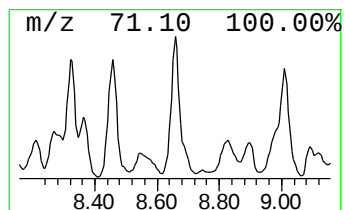
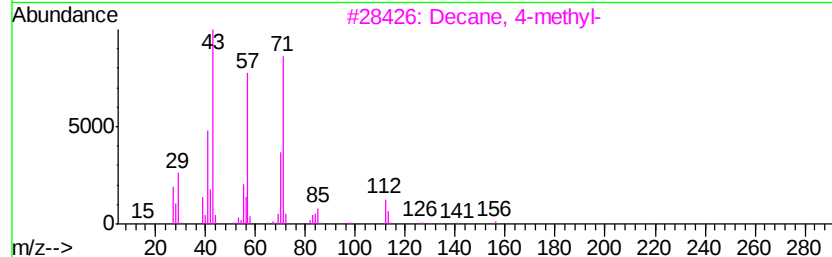
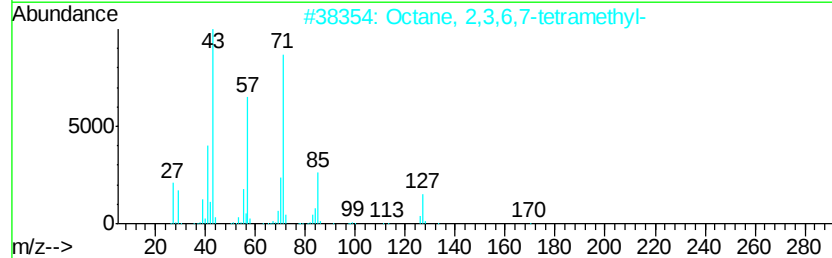
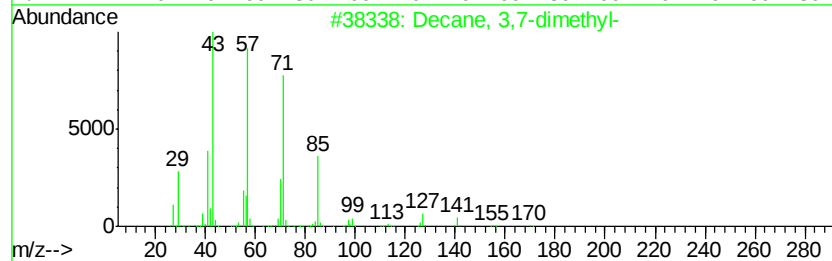
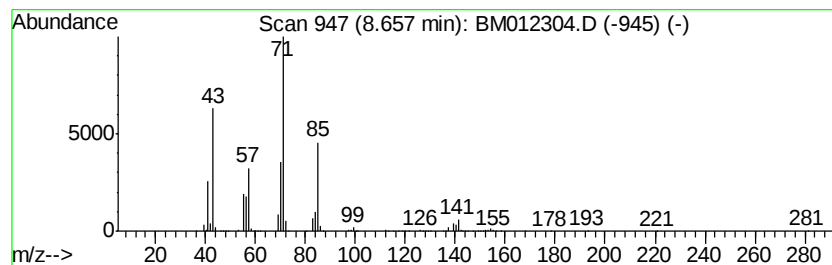
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	3.37 ng/ul	11743400	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	56
2			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	56
3			Decane, 4-methyl-	156	C11H24	002847-72-5	42
4			Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	42
5			Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	42



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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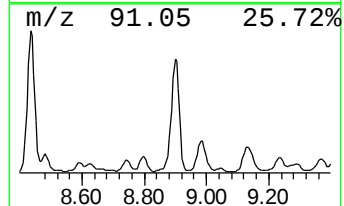
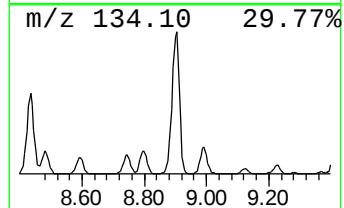
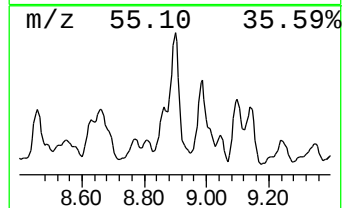
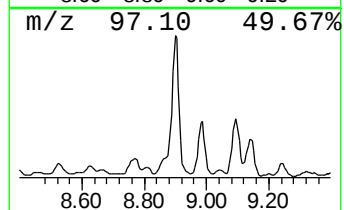
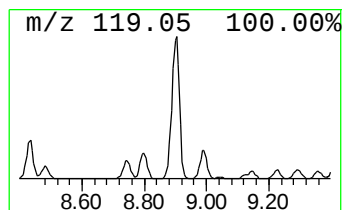
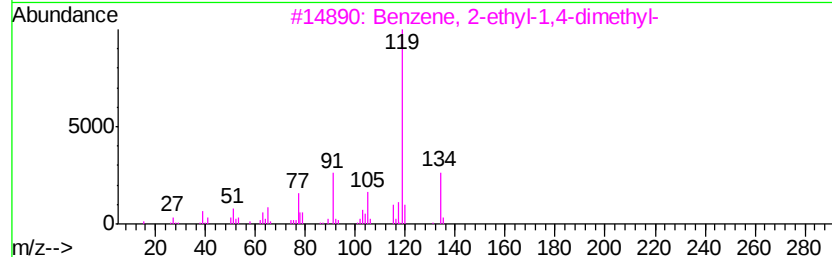
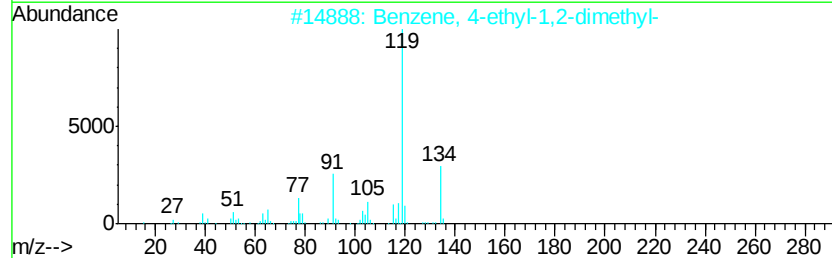
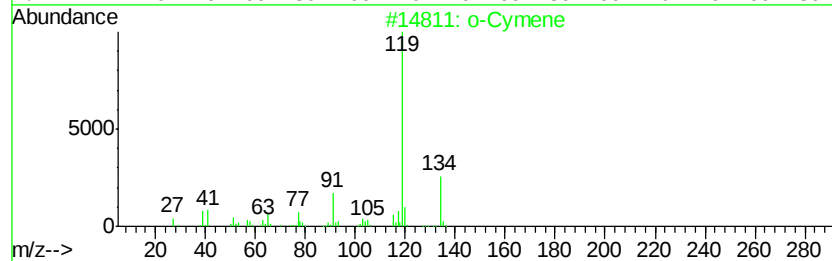
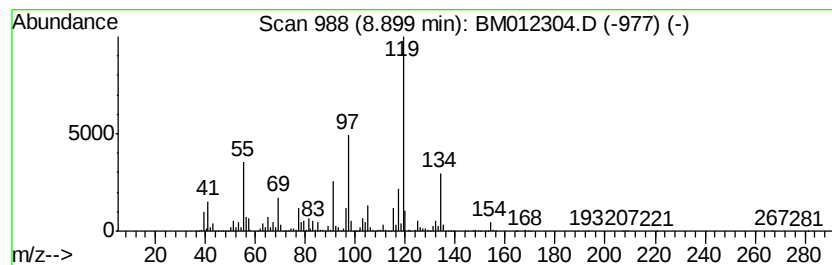
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 o-Cymene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	23.32 ng/ul	81201600	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	91
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
5		p-Cymene	134	C10H14	000099-87-6	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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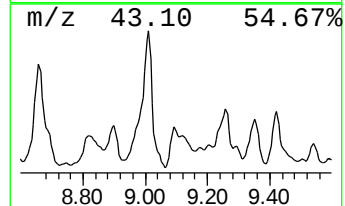
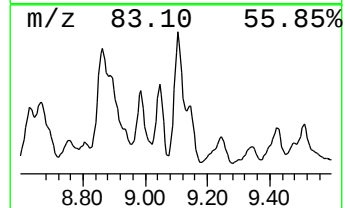
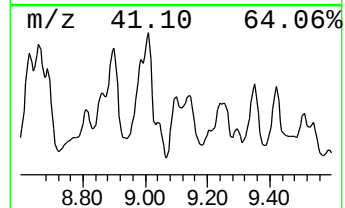
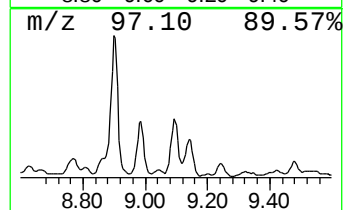
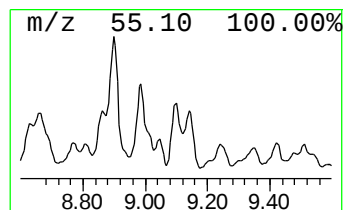
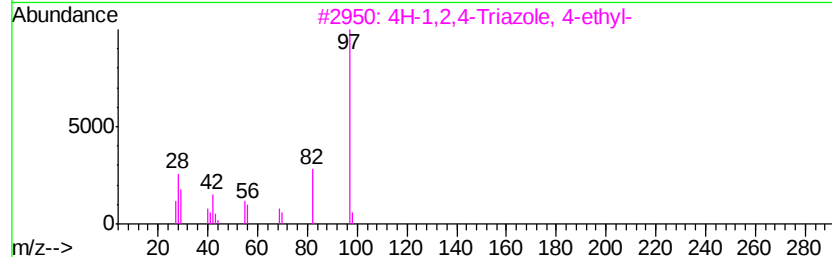
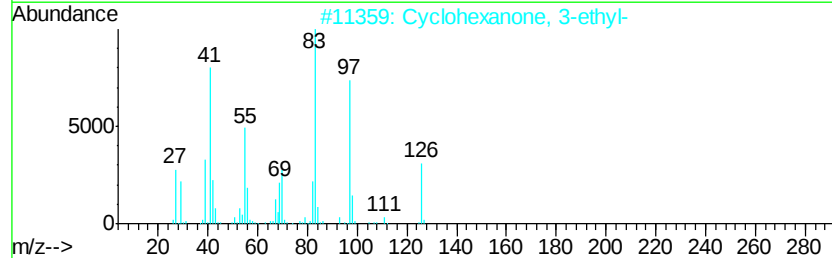
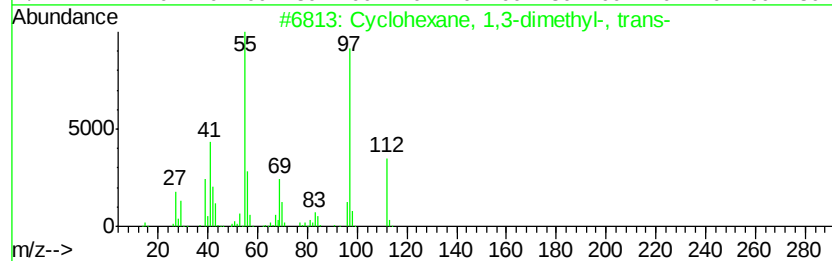
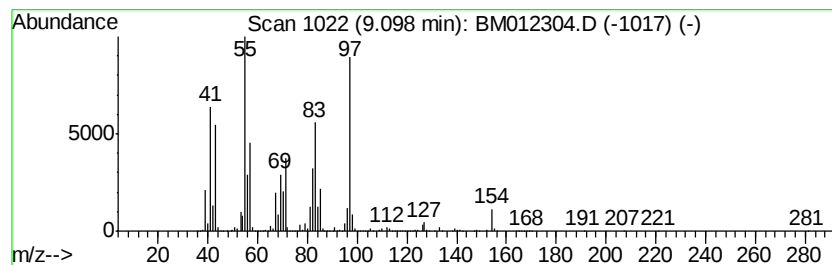
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Cyclic9.10 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	5.10 ng/ul	17766000	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43
2		Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	30
3		4H-1,2,4-Triazole, 4-ethyl-	97	C4H7N3	043183-55-7	27
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	27
5		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	20



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-34(5-5.5)-100617

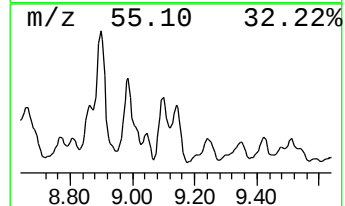
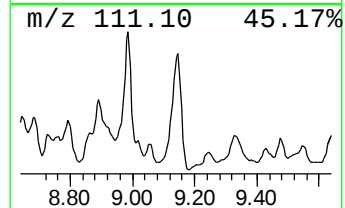
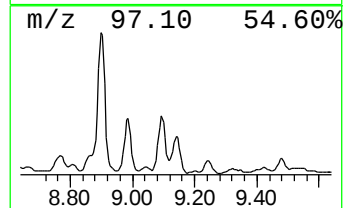
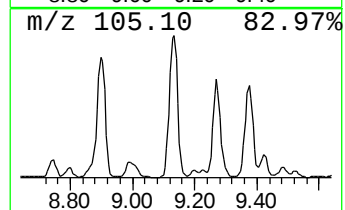
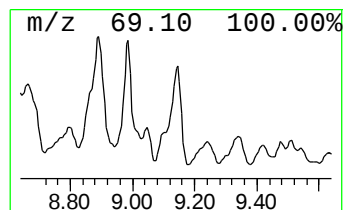
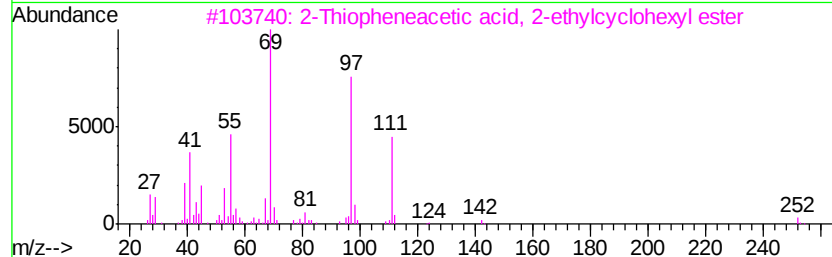
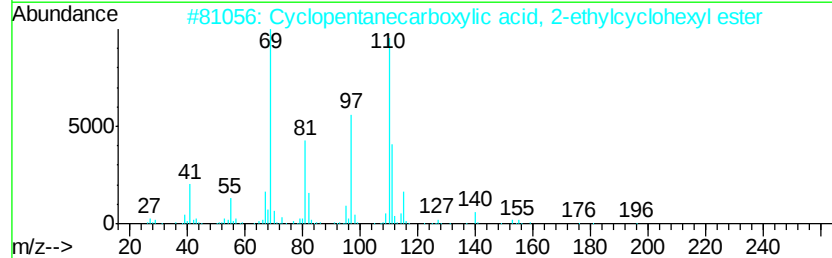
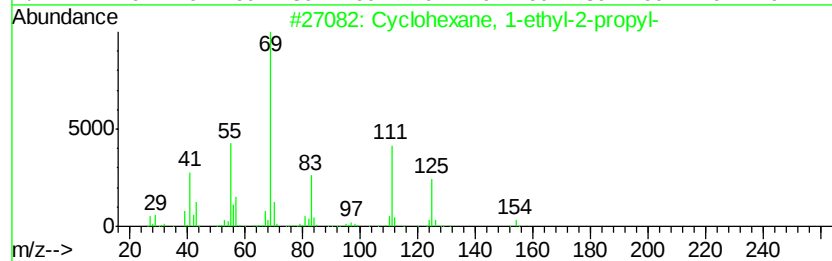
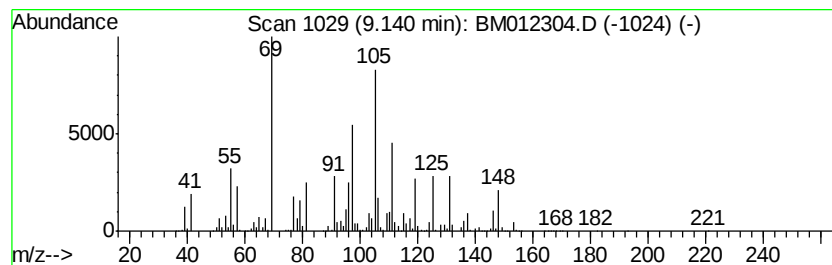
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Cyclic9.14 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	9.23 ng/ul	32127000	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38
2		Cyclopentanecarboxylic acid, 2-e...	224	C14H24O2	1000282-59-1	37
3		2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	37
4		Bicyclo[3.1.1]heptan-3-one, 2-et...	166	C11H18O	1000163-95-8	35
5		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

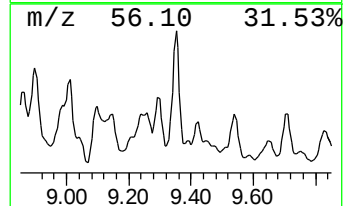
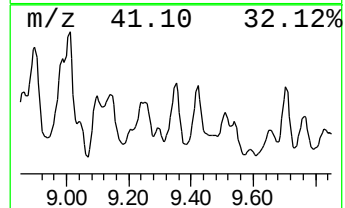
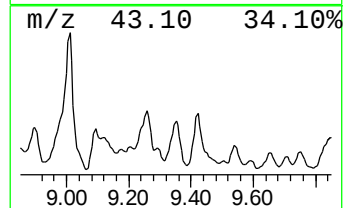
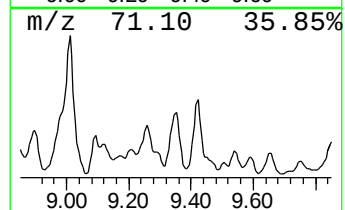
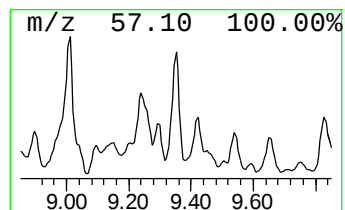
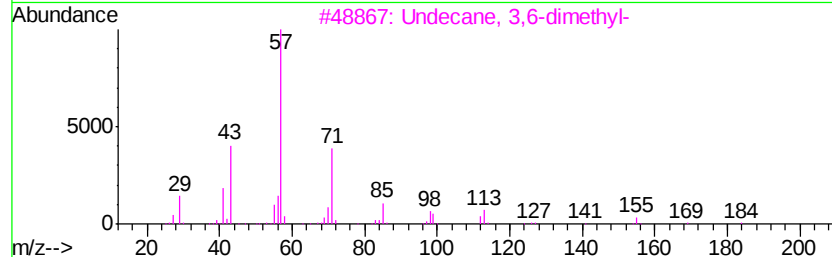
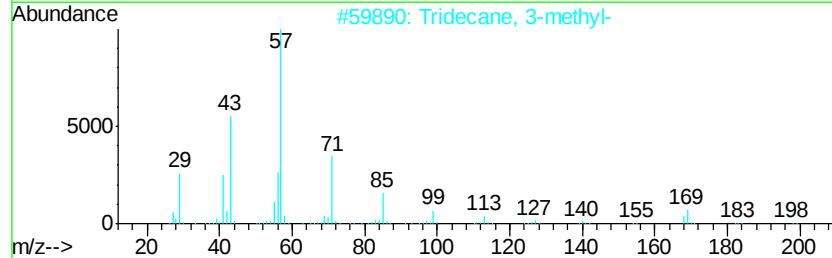
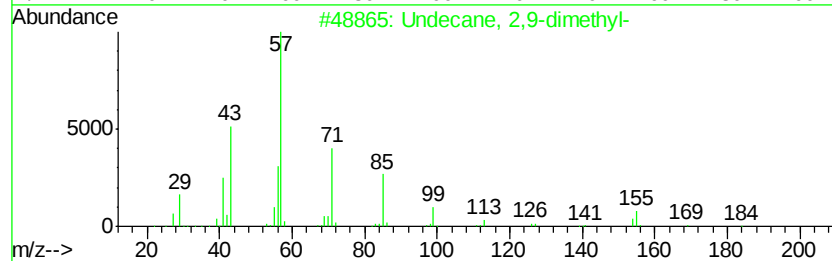
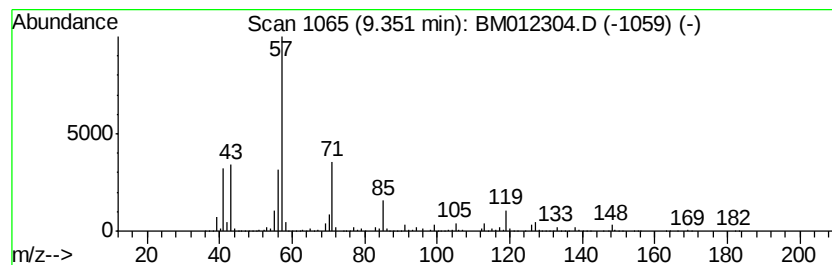
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	19.37 ng/ul	16774400	Naphthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
4		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

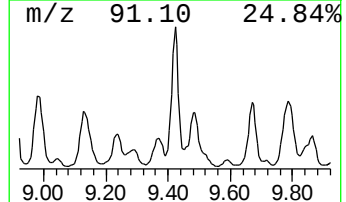
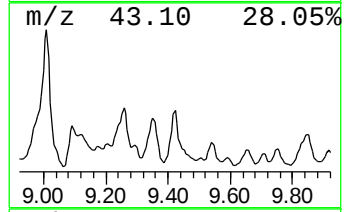
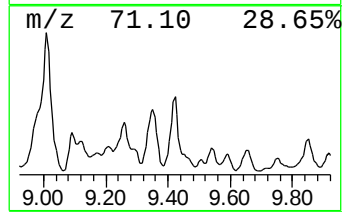
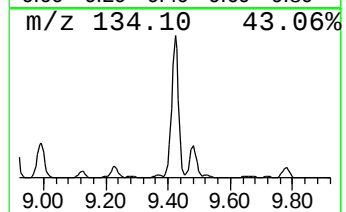
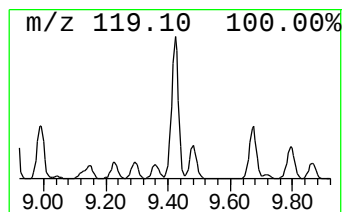
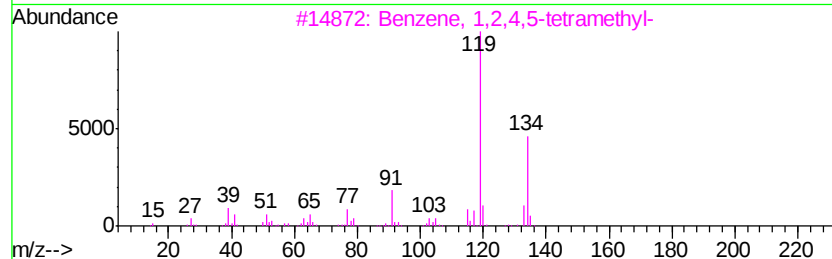
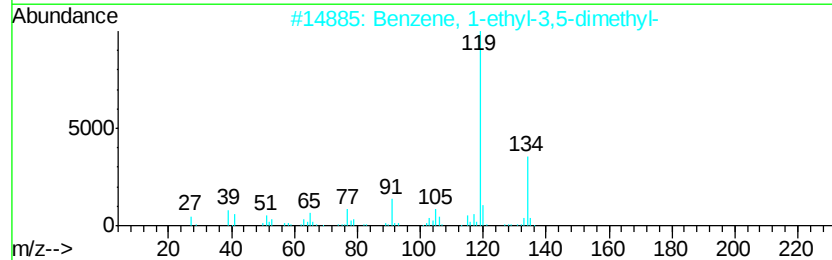
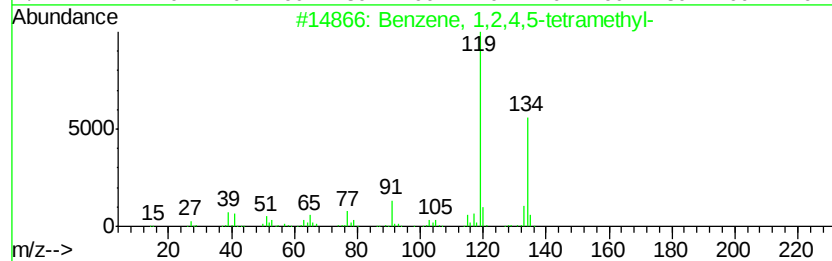
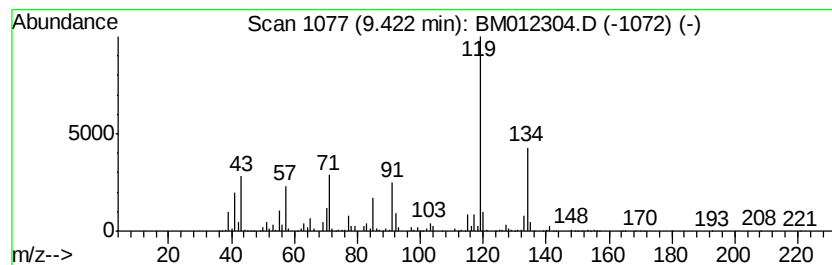
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	28.25 ng/ul	24467600	Napthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

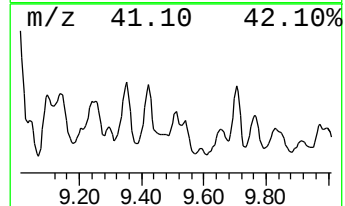
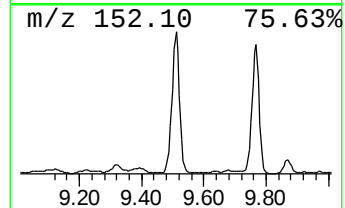
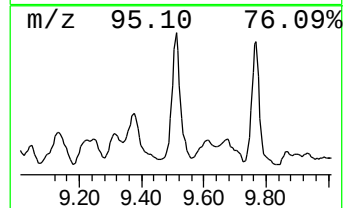
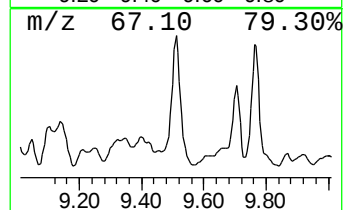
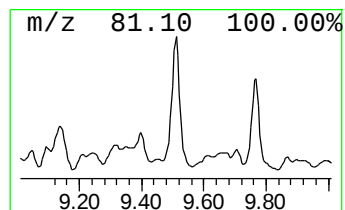
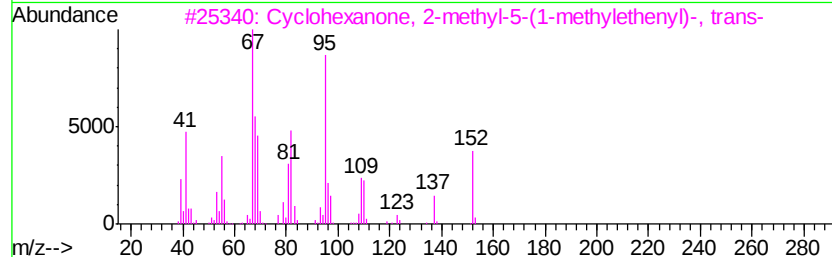
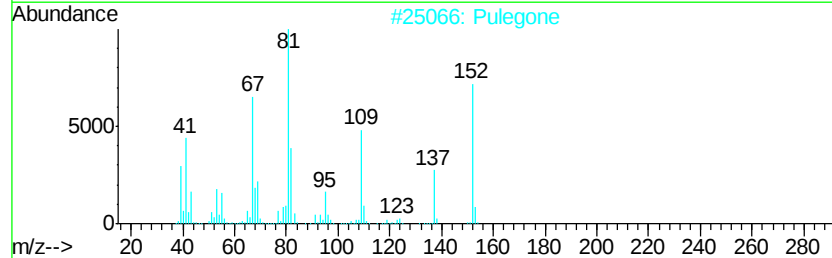
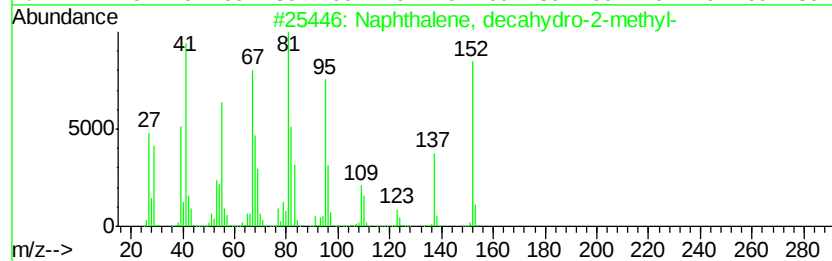
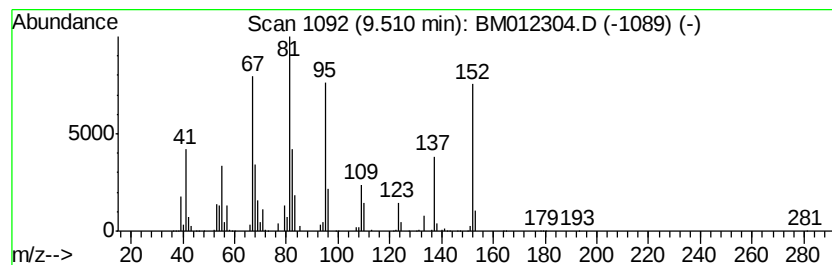
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 Naphthalene, decahydro-2-me... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	24.99 ng/ul	21643600	Naphthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	72
2		Pulegone	152	C10H16O	000089-82-7	68
3		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	64
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64
5		Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

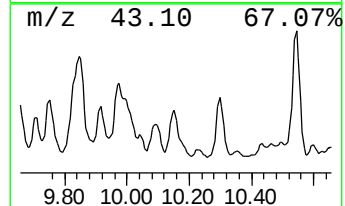
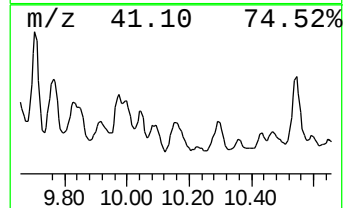
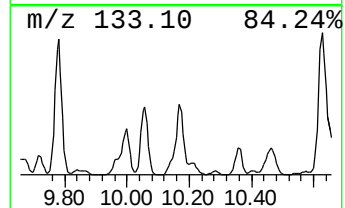
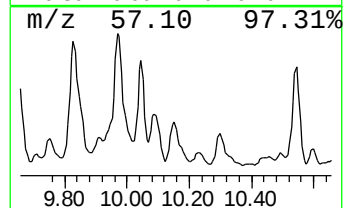
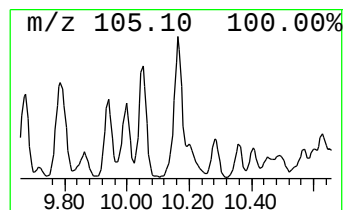
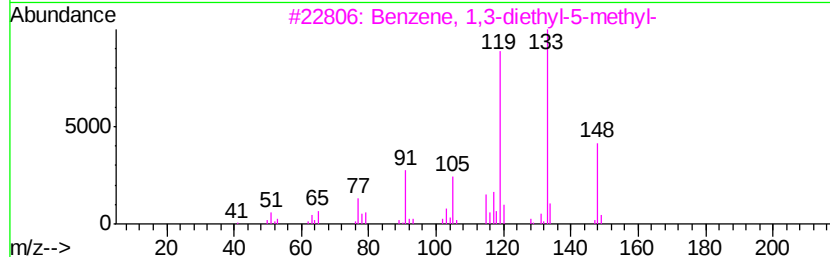
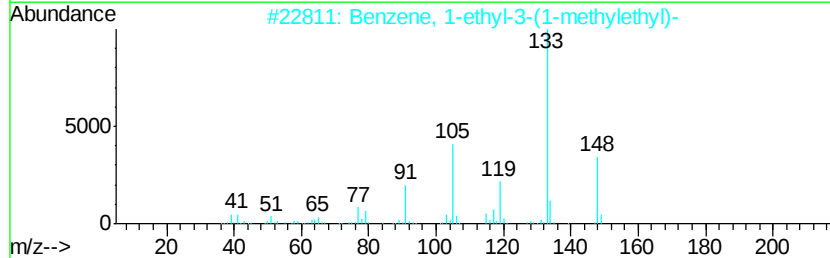
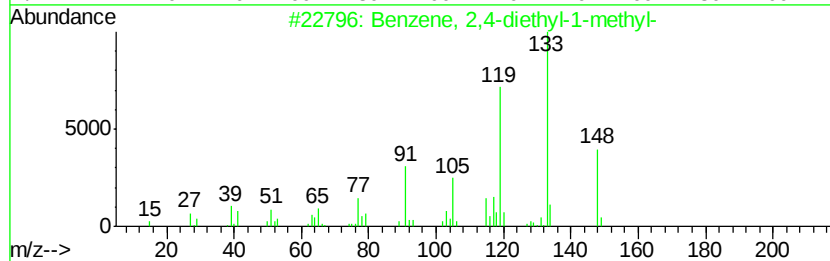
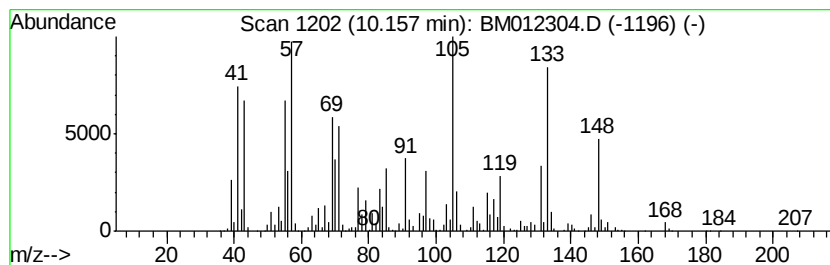
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	13.50 ng/ul	11690000	Napthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	83
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	70
3		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
4		Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	62
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

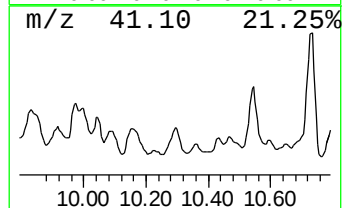
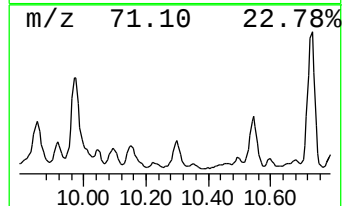
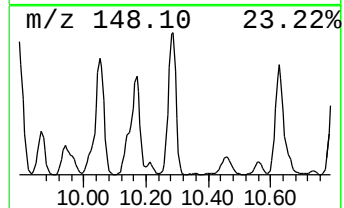
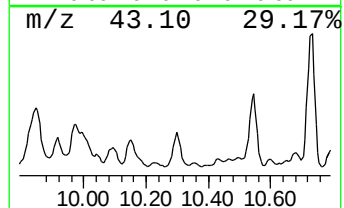
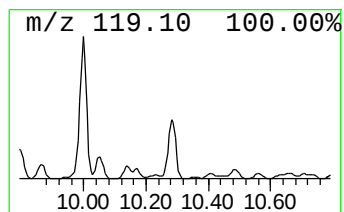
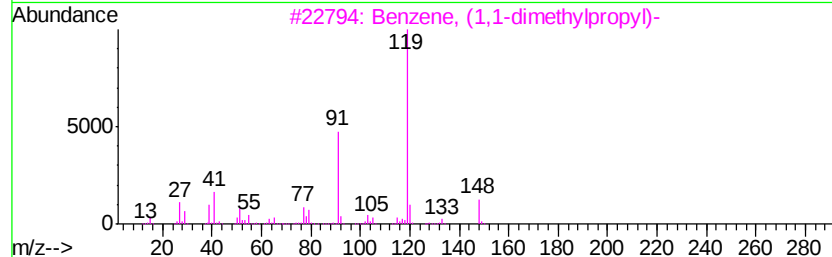
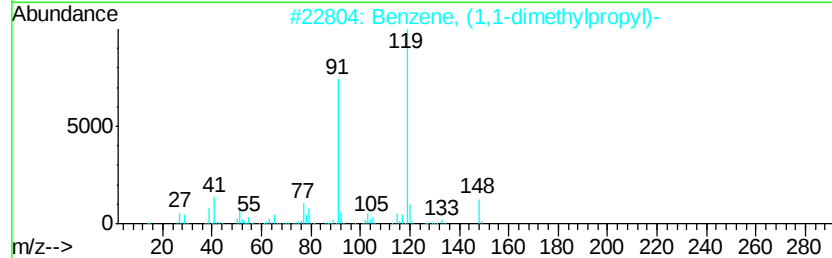
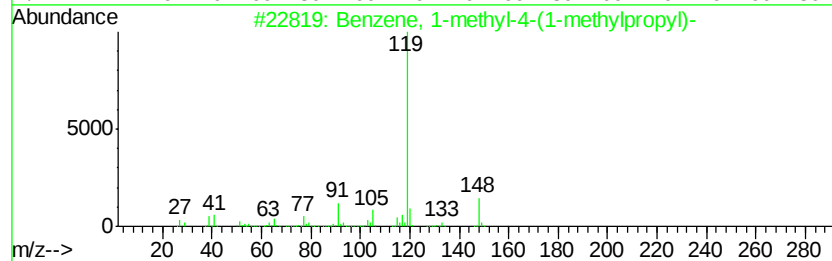
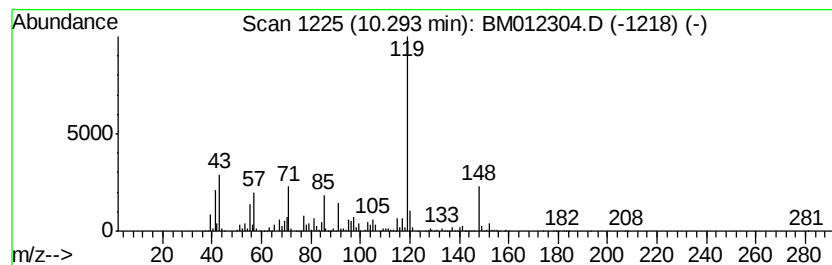
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Benzene, 1-methyl-4-(1-meth... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	12.77 ng/ul	11056800	Napthalene-d8	10.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-4-(1-methylpro...	148 C11H16	001595-16-0 87
2		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 64
3		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 64
4		2,4-Dimethylphenethyl alcohol	150 C10H14O	006597-59-7 58
5		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-34(5-5.5)-100617

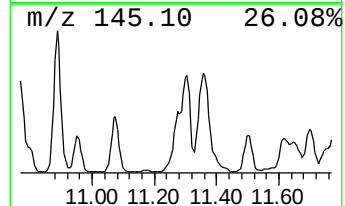
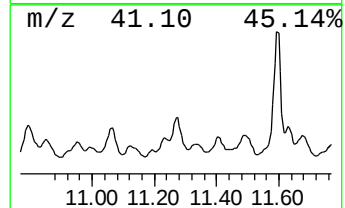
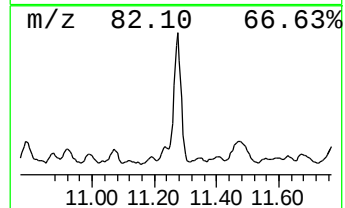
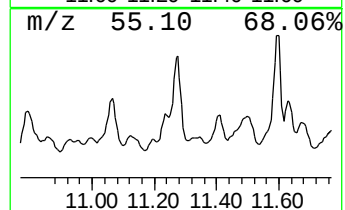
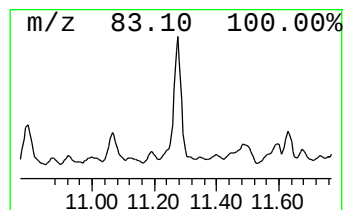
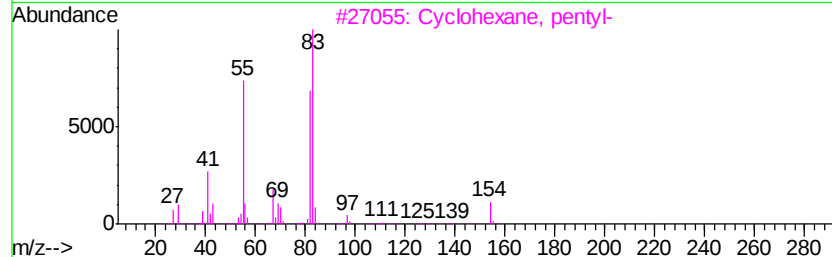
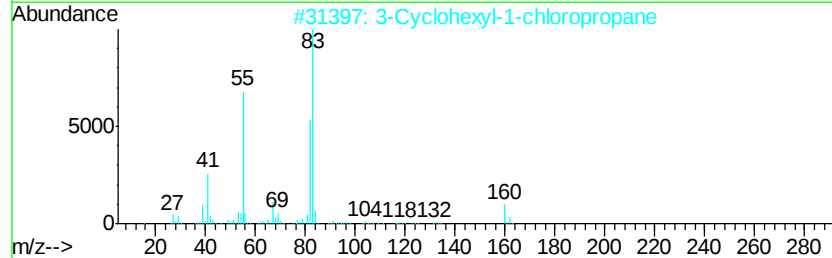
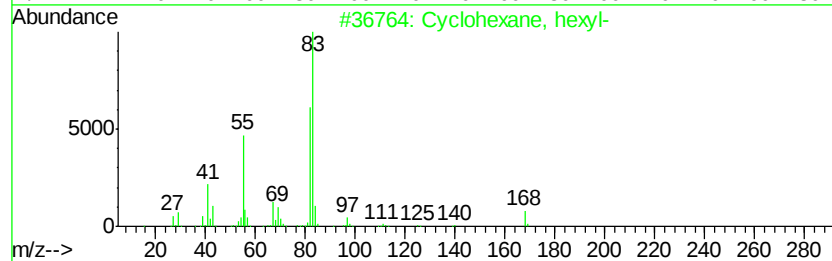
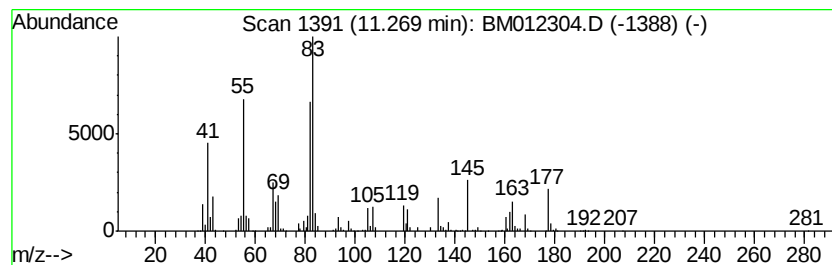
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Cyclic11.27 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	9.19 ng/ul	7961070	Napthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	46
2		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	46
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
5		Cyclohexane, hexyl-	168	C12H24	004292-75-5	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-34(5-5.5)-100617

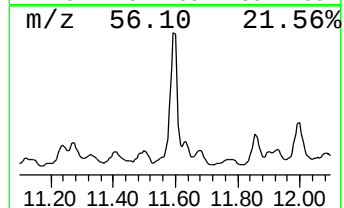
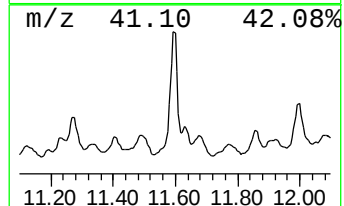
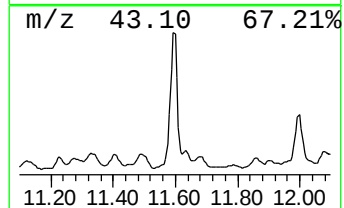
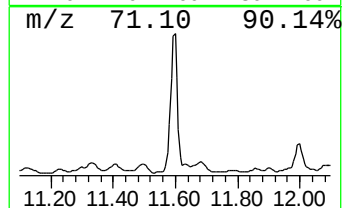
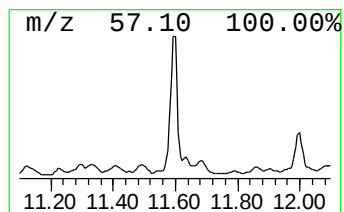
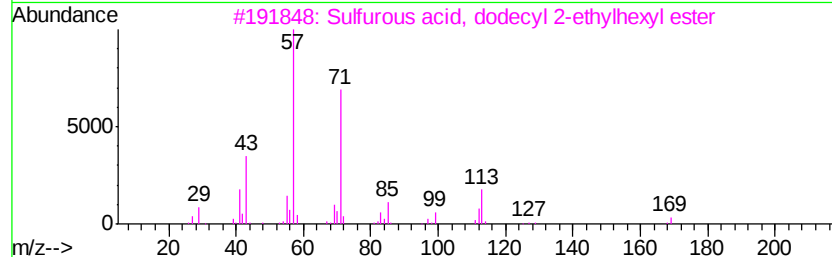
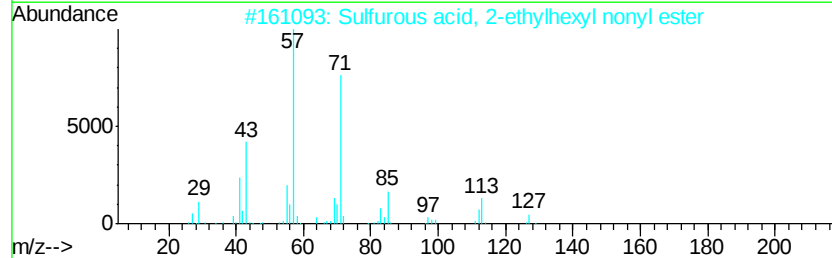
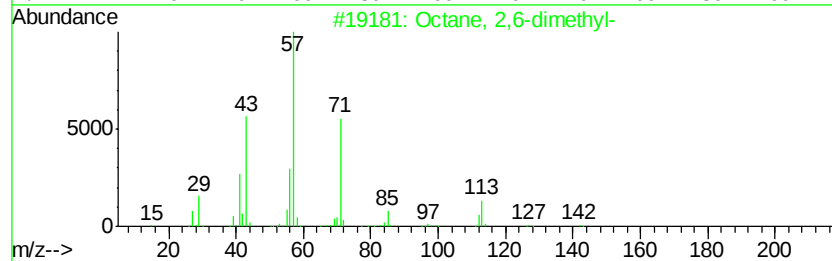
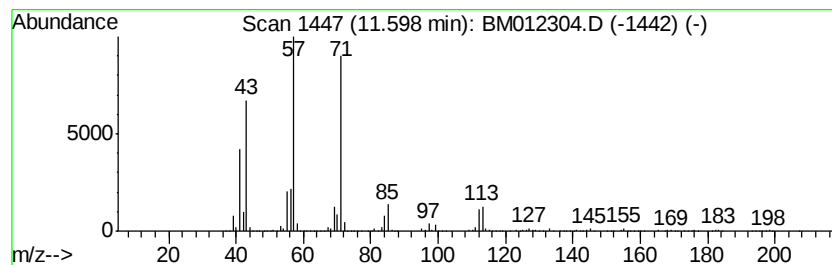
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	17.62 ng/ul	15257700	Napthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
3		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	78
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-34(5-5.5)-100617

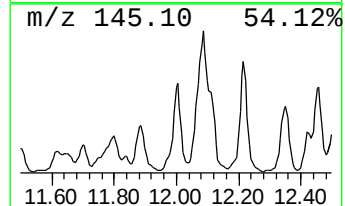
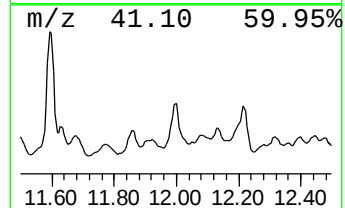
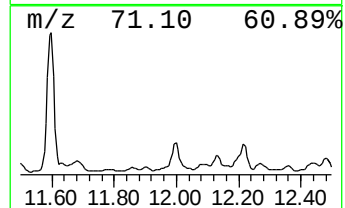
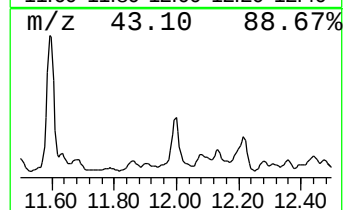
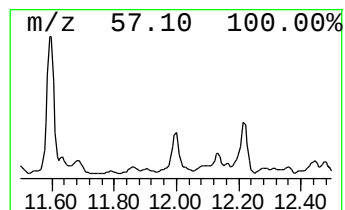
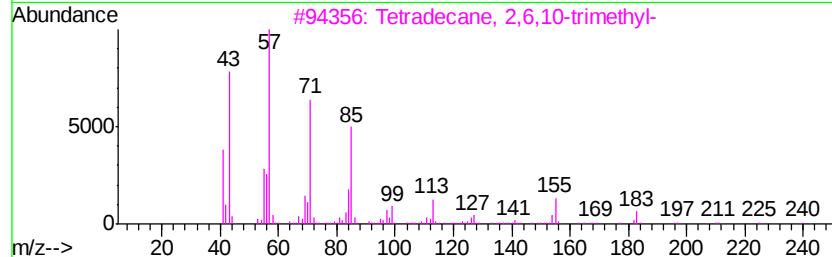
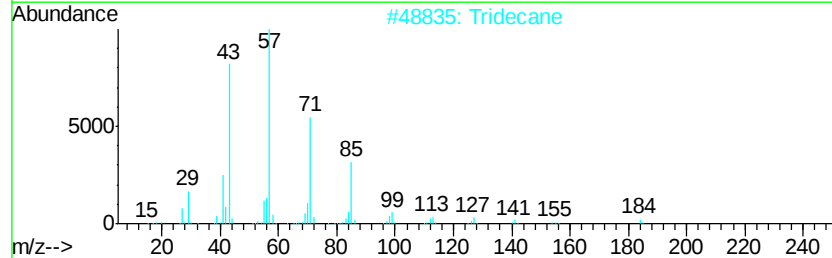
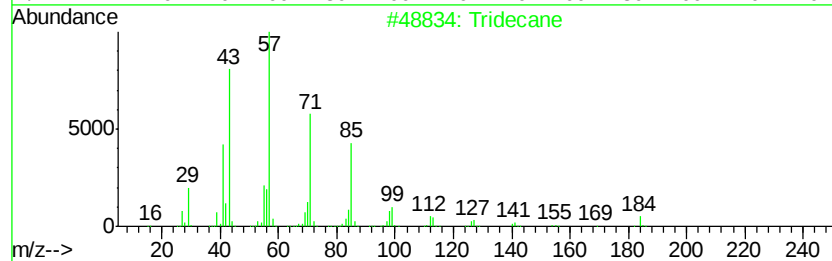
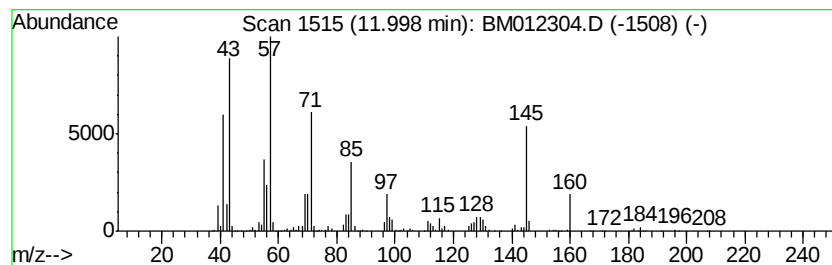
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	11.06 ng/ul	9575840	Napthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	60
2		Tridecane	184	C13H28	000629-50-5	55
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	50
4		Nonane	128	C9H20	000111-84-2	50
5		Tridecane	184	C13H28	000629-50-5	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-34(5-5.5)-100617

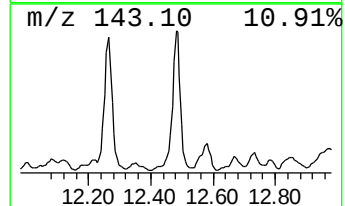
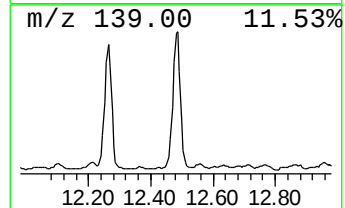
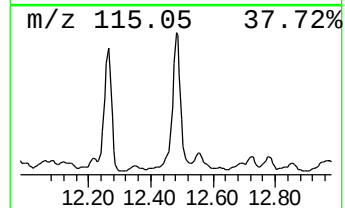
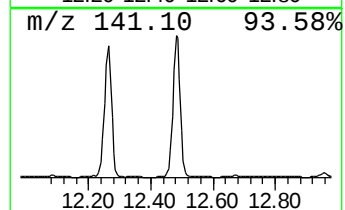
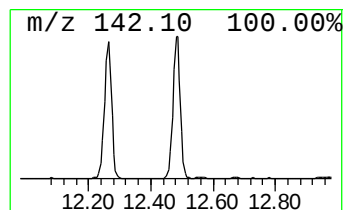
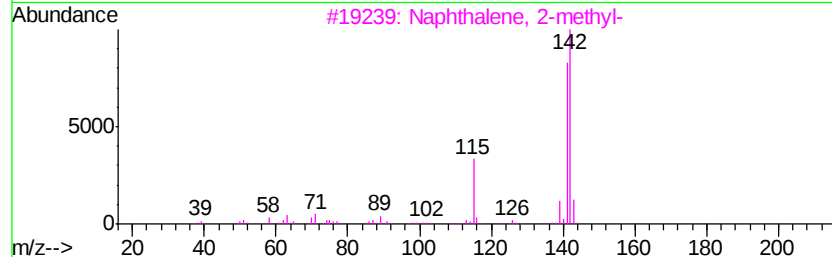
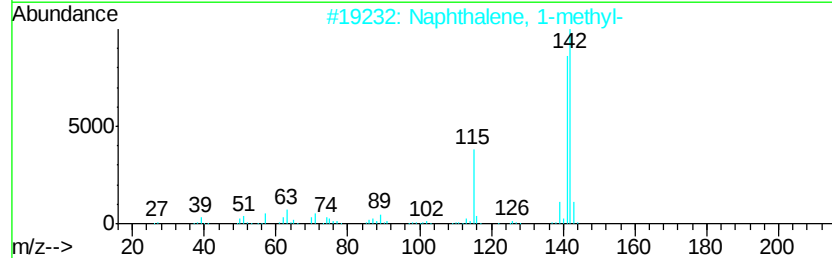
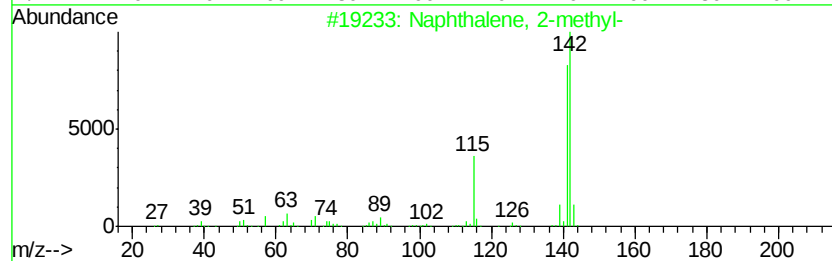
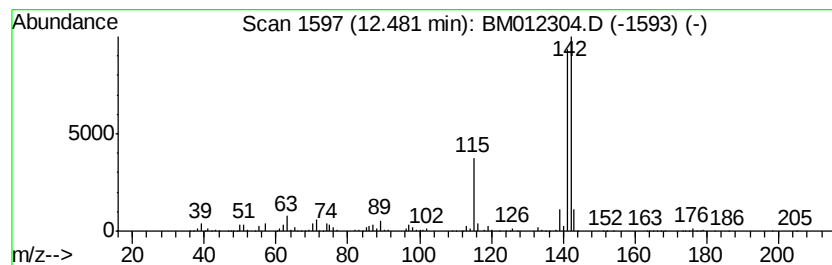
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 Naphthalene, 1-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	16.48 ng/ul	14273800	Naphthalene-d8	10.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

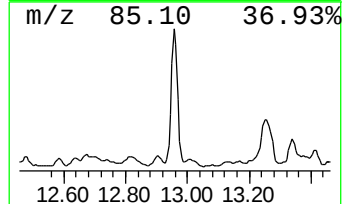
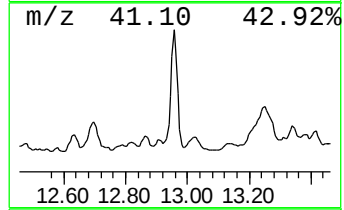
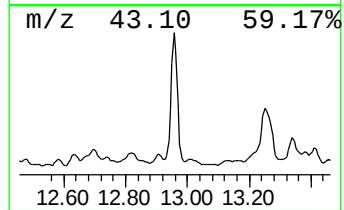
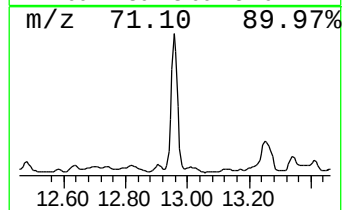
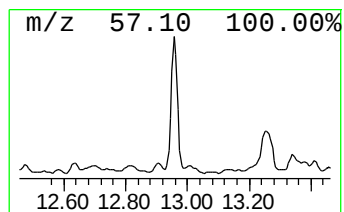
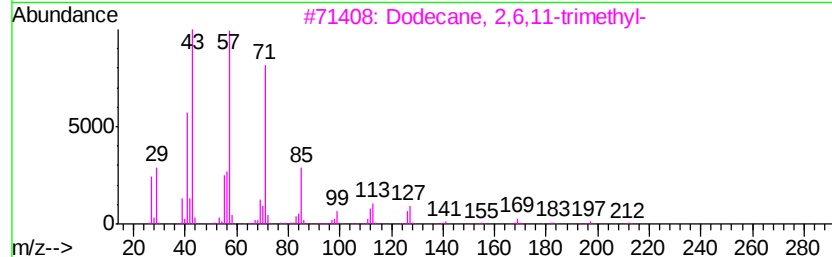
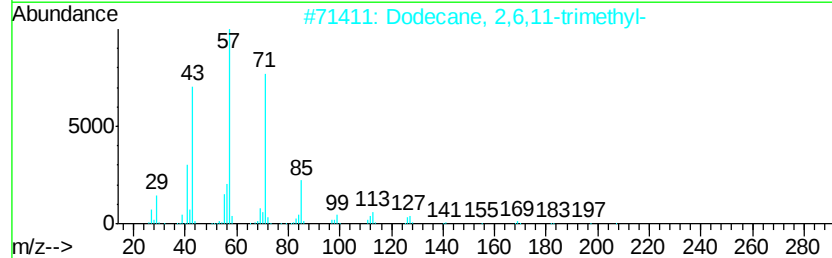
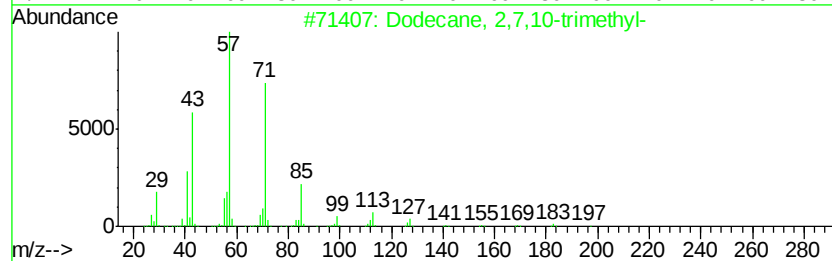
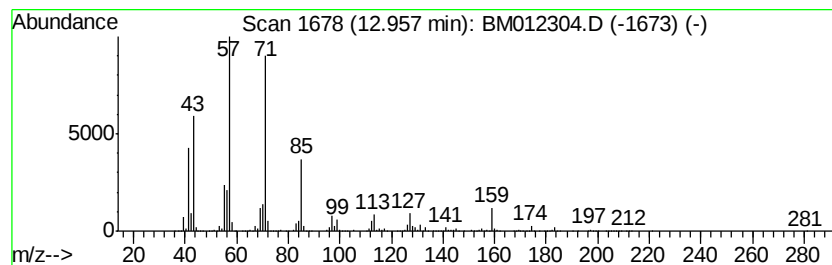
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	39.90 ng/ul	22338700	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

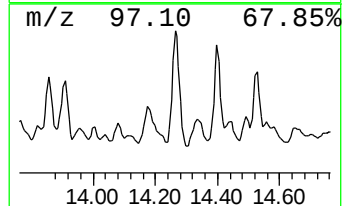
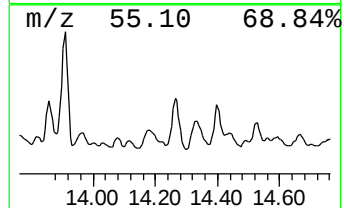
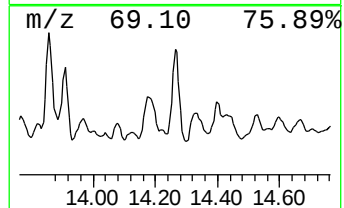
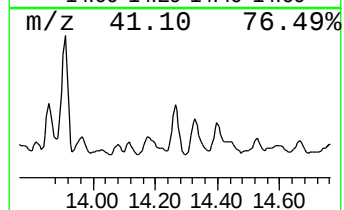
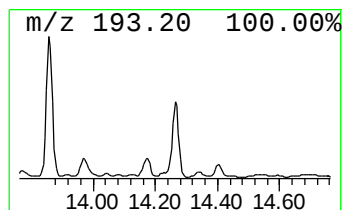
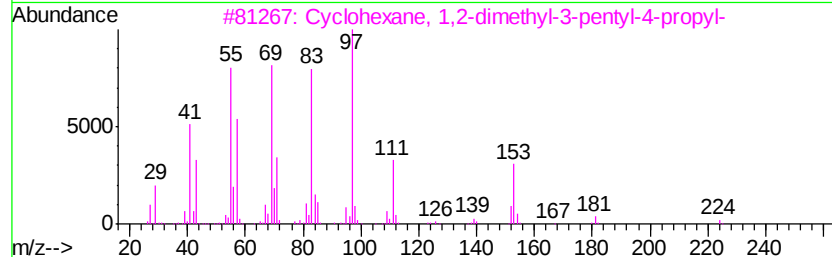
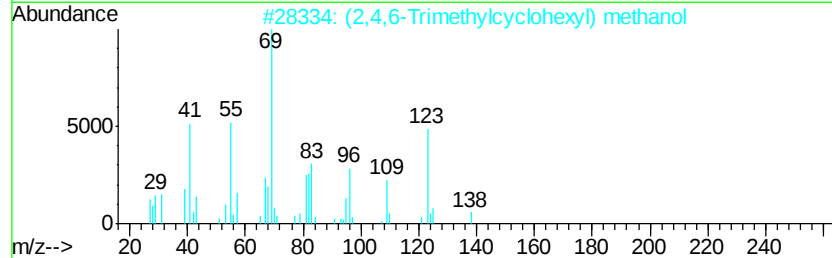
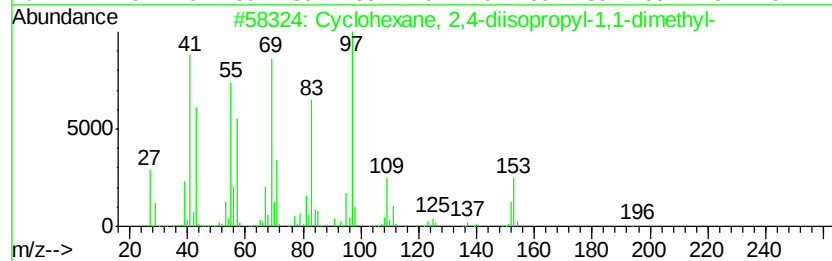
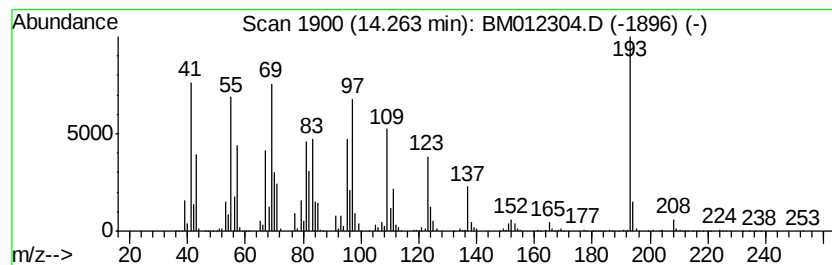
Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Cyclic14.26 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	28.34 ng/ul	15868000	Acenaphthene-d10	14.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 2,4-diisopropyl-1,1...	196 C14H28	1000149-60-5 30
2		(2,4,6-Trimethylcyclohexyl) meth...	156 C10H20O	013702-56-2 27
3		Cyclohexane, 1,2-dimethyl-3-pent...	224 C16H32	062376-17-4 22
4		Cyclohexane, 1,2,4,5-tetraethyl-...	196 C14H28	061142-24-3 20
5		1,1'-Bicyclohexyl, 2-ethyl-, cis-	194 C14H26	050991-12-3 20



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-34(5-5.5)-100617

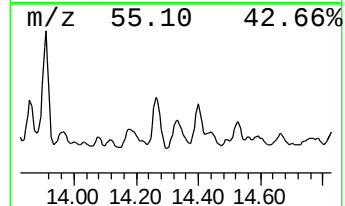
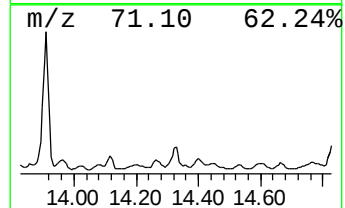
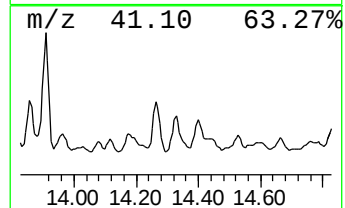
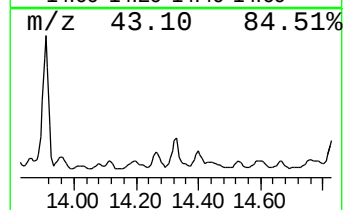
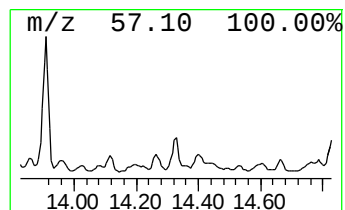
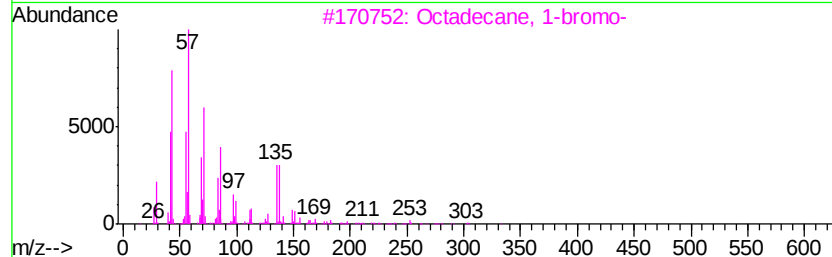
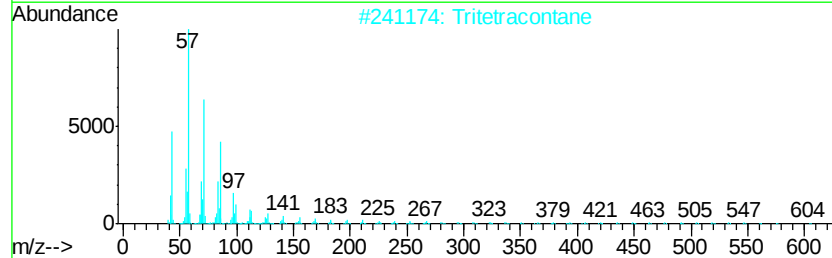
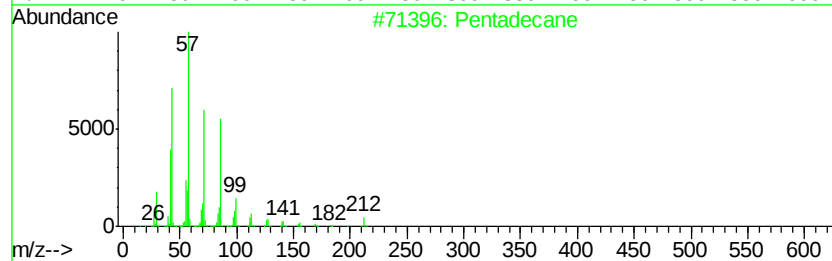
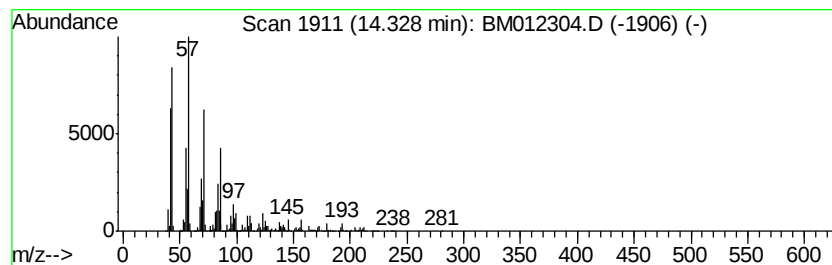
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	19.92 ng/ul	11150100	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Tritetracontane	605	C43H88	007098-21-7	80
3		Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	80
4		Tetratetracontane	619	C44H90	007098-22-8	80
5		Pentadecane	212	C15H32	000629-62-9	70



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-34(5-5.5)-100617

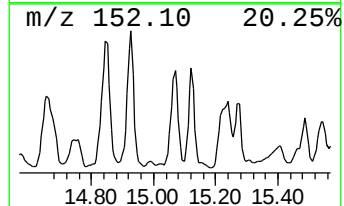
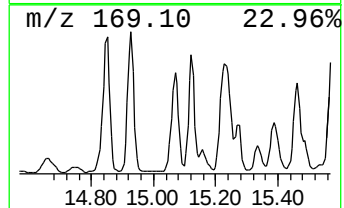
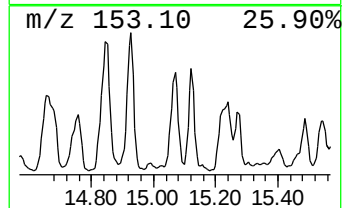
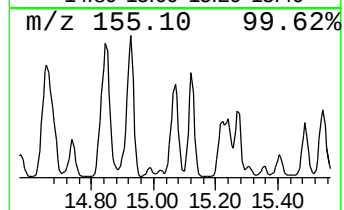
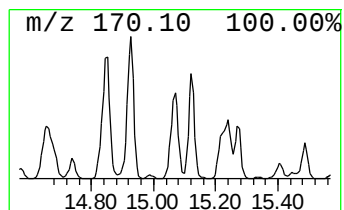
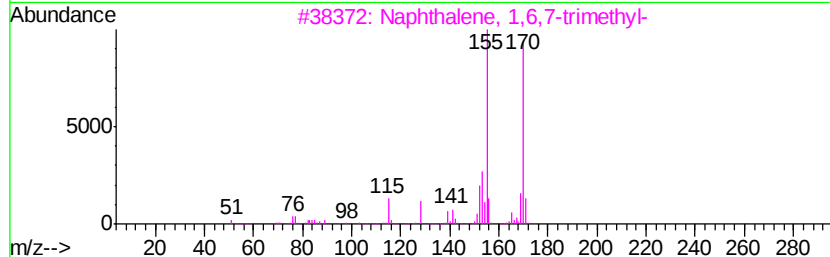
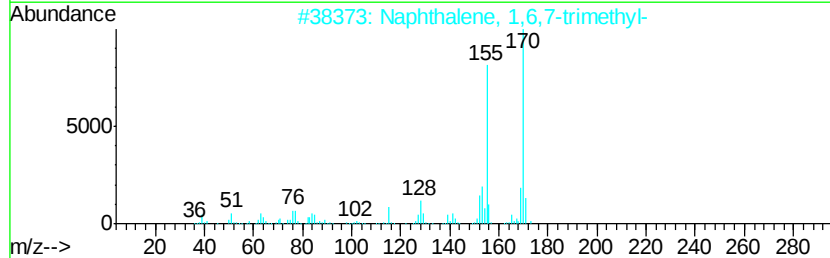
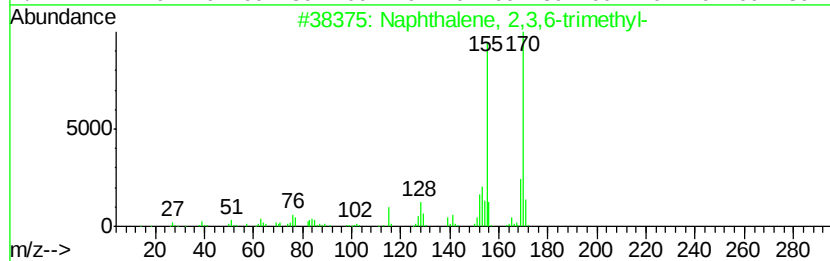
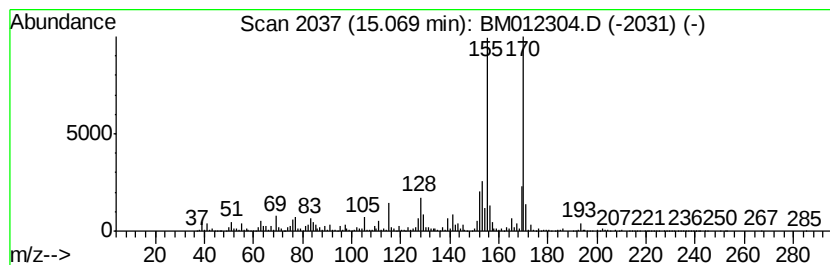
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	39.52 ng/ul	22125300	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-34(5-5.5)-100617

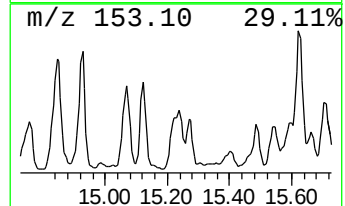
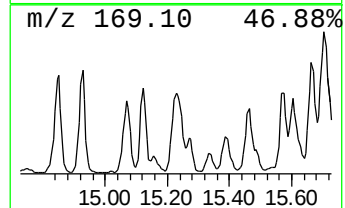
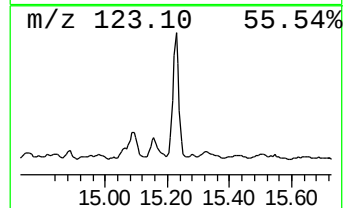
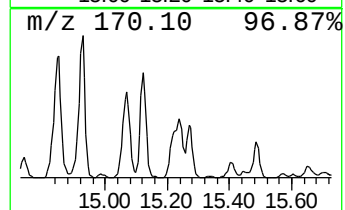
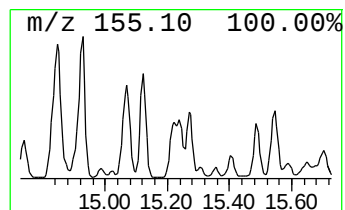
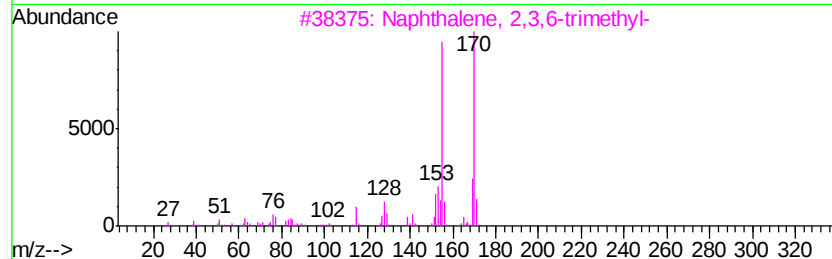
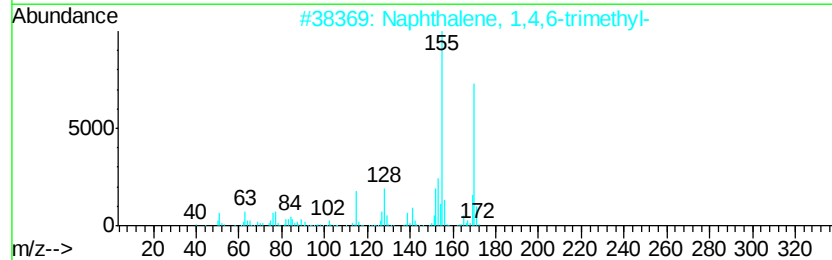
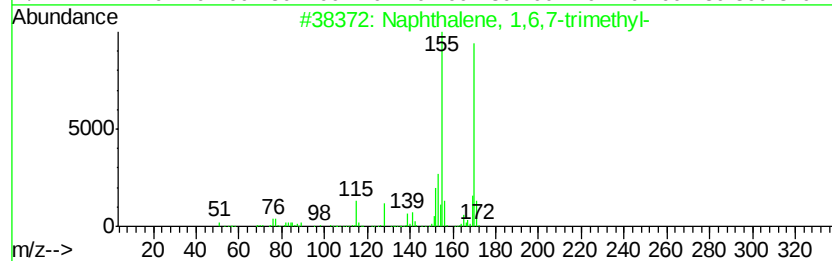
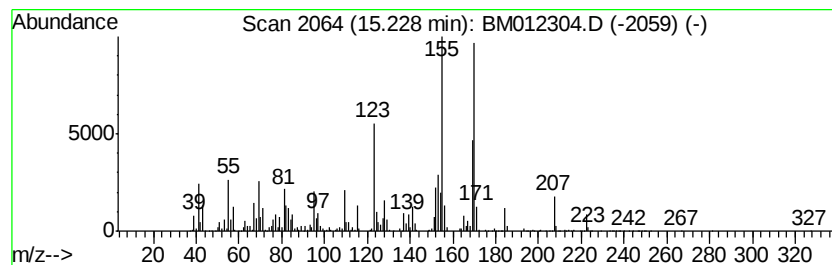
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	36.29 ng/ul	20319400	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-34(5-5.5)-100617

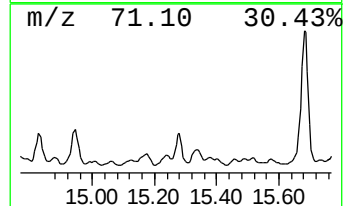
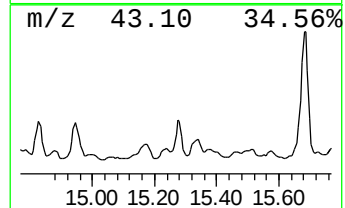
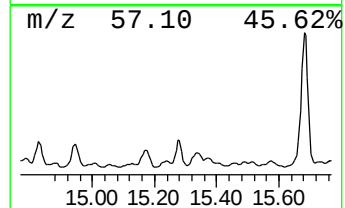
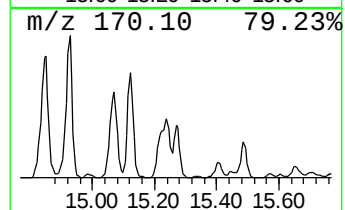
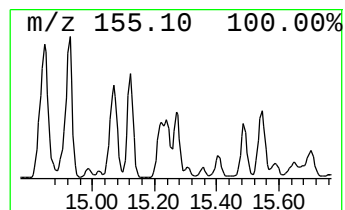
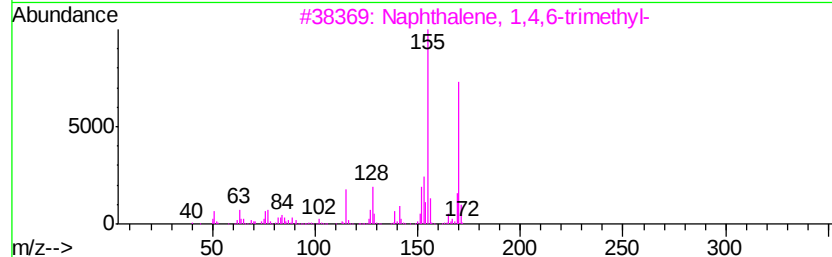
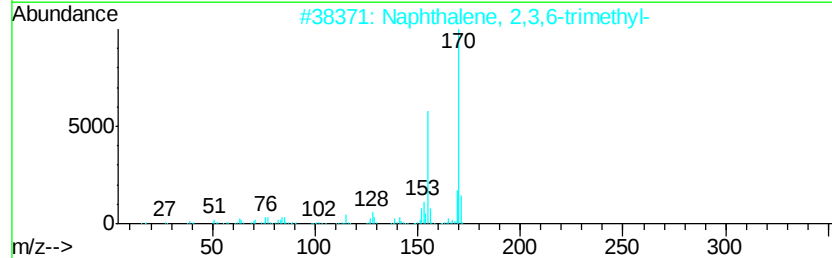
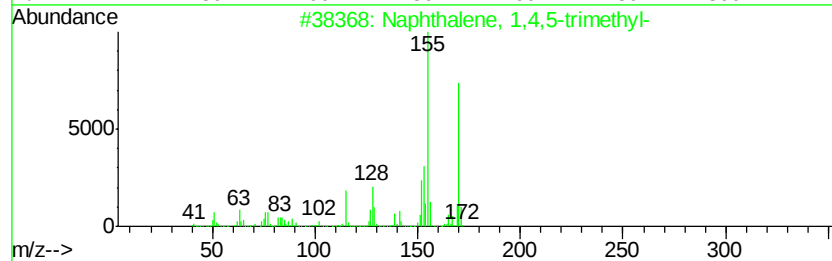
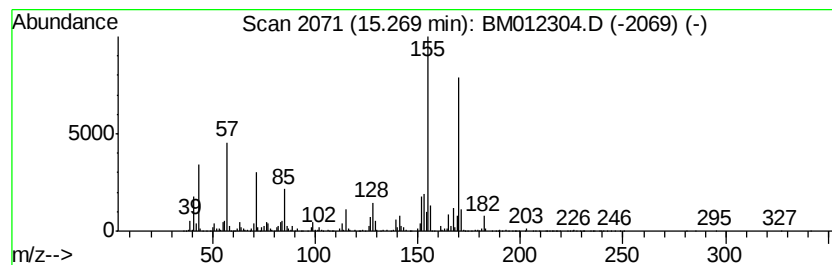
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 Naphthalene, 1,4,5-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	19.56 ng/ul	10948900	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

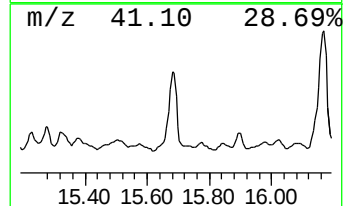
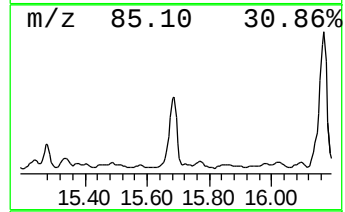
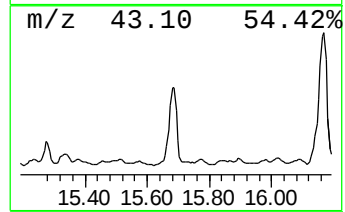
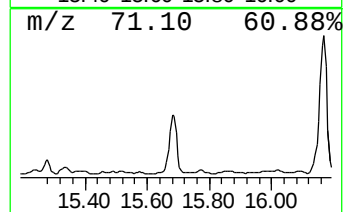
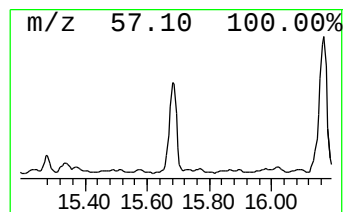
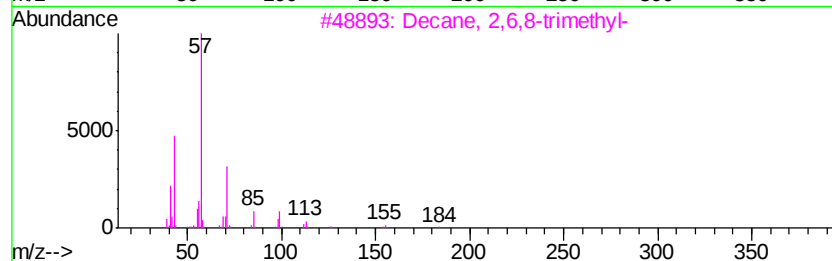
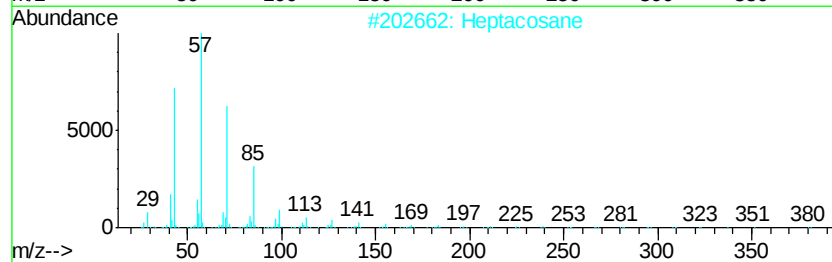
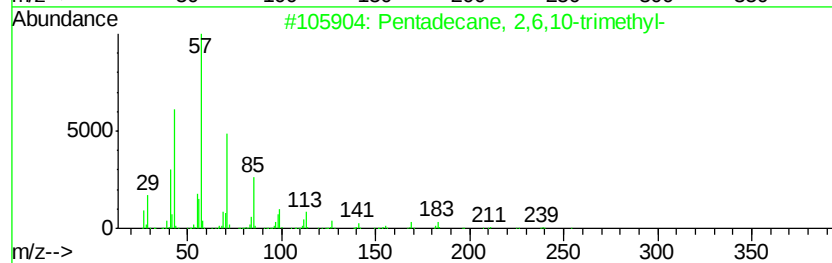
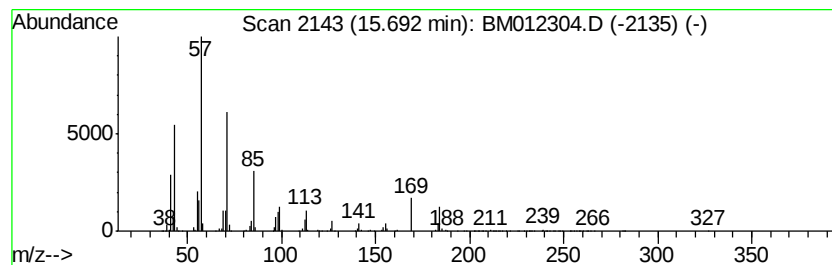
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	62.95 ng/ul	35246700	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2		Heptacosane	380	C27H56	000593-49-7	80
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
4		Hexadecane	226	C16H34	000544-76-3	72
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

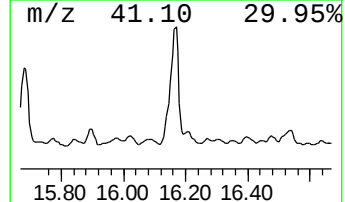
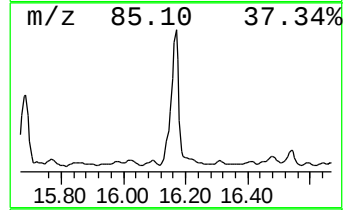
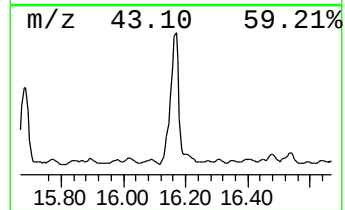
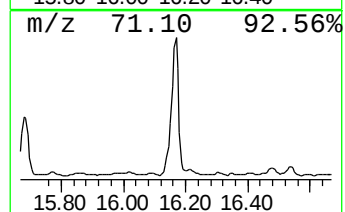
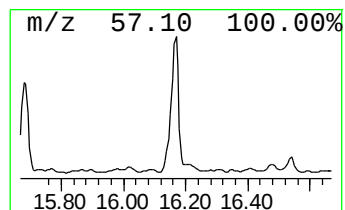
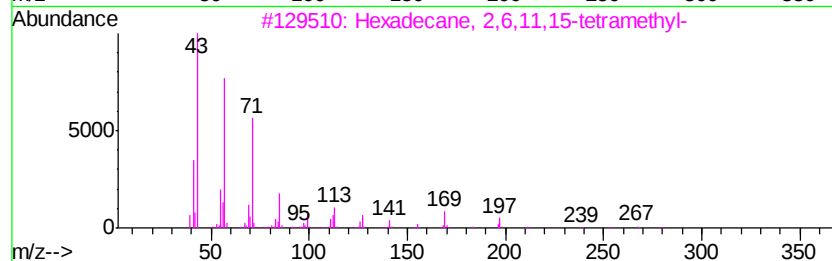
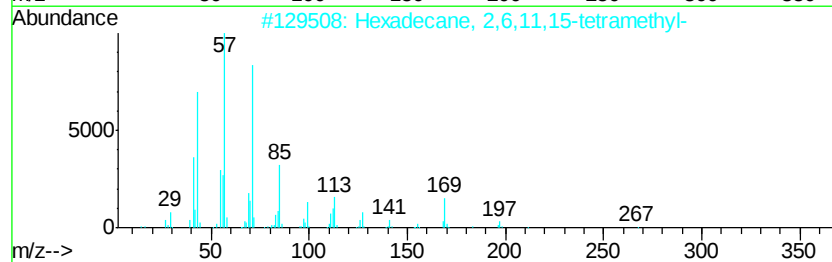
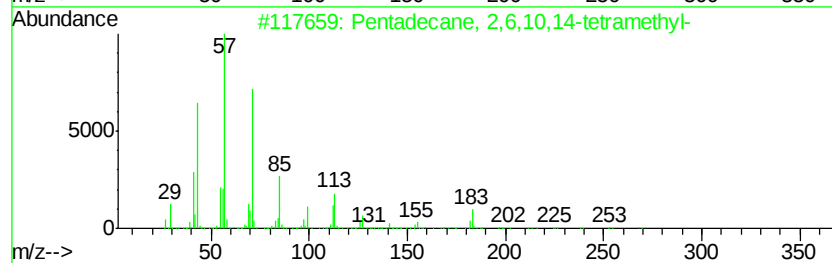
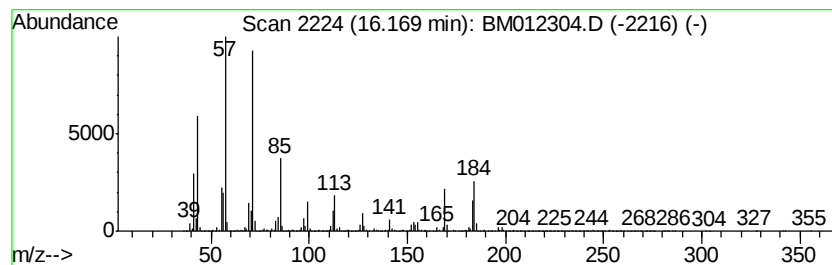
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	52.83 ng/ul	58938700	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	74
2		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	74
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012304.D
Acq On : 19 Oct 2017 06:13
Operator : SJ/JU
Sample : I5747-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-34(5-5.5)-100617

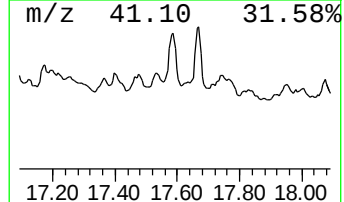
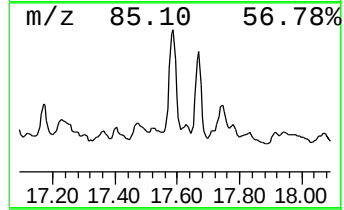
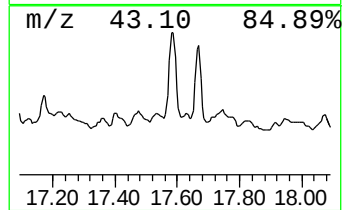
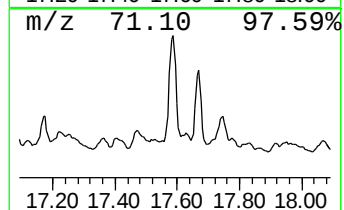
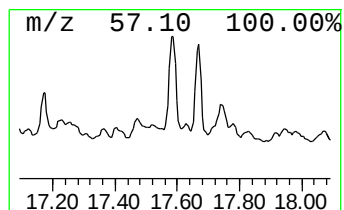
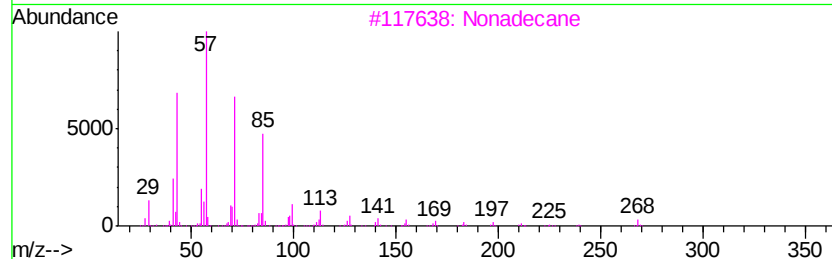
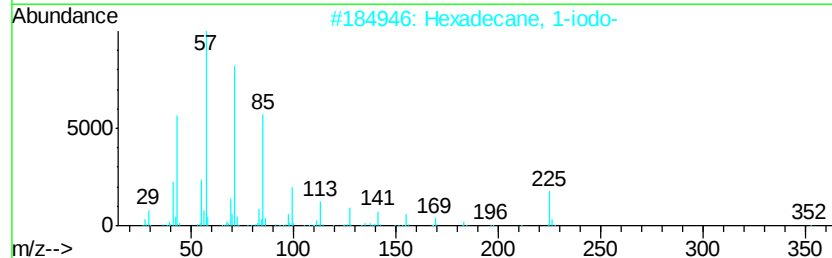
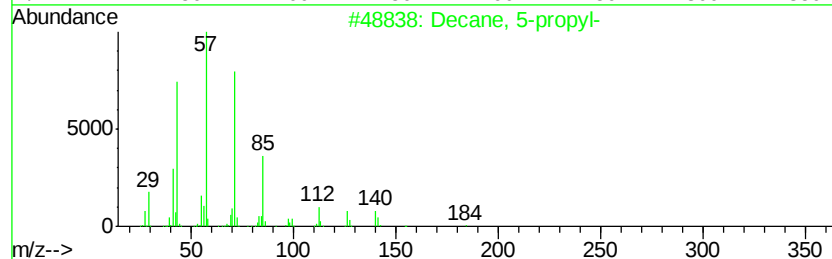
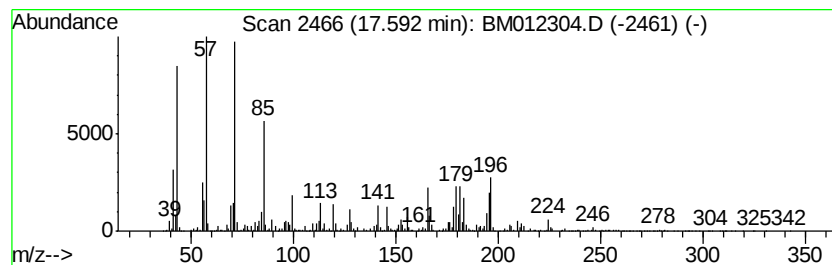
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	8.22 ng/ul	9166800	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	87
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
3		Nonadecane	268	C19H40	000629-92-5	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
 Data File : BM012304.D
 Acq On : 19 Oct 2017 06:13
 Operator : SJ/JU
 Sample : I5747-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-dime...	5.42	26.1	ng/ul	90757600	1	7.79	69647100	20.0
(DEL) Alkane: Str...	5.63	2.5	ng/ul	8759940	1	7.79	69647100	20.0
(DEL) Alkane: Cyc...	5.72	3.4	ng/ul	11835100	1	7.79	69647100	20.0
(DEL) Alkane: Cyc...	6.03	7.9	ng/ul	27575100	1	7.79	69647100	20.0
(DEL) Alkane: Str...	6.16	3.7	ng/ul	12779800	1	7.79	69647100	20.0
Benzene, (1-methy...	6.26	9.4	ng/ul	32675700	1	7.79	69647100	20.0
(DEL) Alkane: Str...	6.32	5.0	ng/ul	17488200	1	7.79	69647100	20.0
(DEL) Alkane: Cyc...	6.41	20.0	ng/ul	69686400	1	7.79	69647100	20.0
(DEL) Alkane: Cyc...	6.52	2.4	ng/ul	8397230	1	7.79	69647100	20.0
(DEL) Alkane: Cyc...	6.59	3.2	ng/ul	11017900	1	7.79	69647100	20.0
(DEL) Alkane: Str...	6.66	6.5	ng/ul	22666400	1	7.79	69647100	20.0
Benzene, propyl-	6.76	13.4	ng/ul	46714300	1	7.79	69647100	20.0
Benzene, 1-ethyl-...	6.87	3.8	ng/ul	13214900	1	7.79	69647100	20.0
(DEL) Alkane: Cyc...	7.20	3.2	ng/ul	11103900	1	7.79	69647100	20.0
(DEL) Alkane: Cyc...	7.26	11.0	ng/ul	38329300	1	7.79	69647100	20.0
Benzene, 1,2,3-tr...	7.43	5.5	ng/ul	19202100	1	7.79	69647100	20.0
(DEL) Alkane: Cyc...	7.50	4.2	ng/ul	14496900	1	7.79	69647100	20.0
(DEL) Alkane: Str...	7.60	5.1	ng/ul	17719300	1	7.79	69647100	20.0
Oxirane, 2-methyl...	7.69	11.7	ng/ul	40681700	1	7.79	69647100	20.0
(DEL) Alkane: Str...	7.85	6.1	ng/ul	21128800	1	7.79	69647100	20.0
(DEL) Alkane: Str...	7.98	7.1	ng/ul	24740100	1	7.79	69647100	20.0
(DEL) Alkane: Str...	8.02	17.7	ng/ul	61607800	1	7.79	69647100	20.0
(DEL) Alkane: Cyc...	8.08	13.2	ng/ul	45847100	1	7.79	69647100	20.0
Benzene, 1,2-diet...	8.28	6.5	ng/ul	22723300	1	7.79	69647100	20.0
(DEL) Alkane: Str...	8.33	28.1	ng/ul	97842400	1	7.79	69647100	20.0
(DEL) Alkane: Str...	8.45	22.3	ng/ul	77511900	1	7.79	69647100	20.0
Naphthalene, deca...	8.63	8.2	ng/ul	28542500	1	7.79	69647100	20.0
(DEL) Alkane: Str...	8.66	3.4	ng/ul	11743400	1	7.79	69647100	20.0
o-Cymene	8.90	23.3	ng/ul	81201600	1	7.79	69647100	20.0
(DEL) Alkane: Cyc...	9.10	5.1	ng/ul	17766000	1	7.79	69647100	20.0
(DEL) Alkane: Cyc...	9.14	9.2	ng/ul	32127000	1	7.79	69647100	20.0
(DEL) Alkane: Str...	9.35	19.4	ng/ul	16774400	2	10.59	17323100	20.0
Benzene, 1,2,4,5-...	9.42	28.3	ng/ul	24467600	2	10.59	17323100	20.0
Naphthalene, deca...	9.51	25.0	ng/ul	21643600	2	10.59	17323100	20.0
Benzene, 2,4-diet...	10.16	13.5	ng/ul	11690000	2	10.59	17323100	20.0
Benzene, 1-methyl...	10.29	12.8	ng/ul	11056800	2	10.59	17323100	20.0
(DEL) Alkane: Cyc...	11.27	9.2	ng/ul	7961070	2	10.59	17323100	20.0
(DEL) Alkane: Str...	11.60	17.6	ng/ul	15257700	2	10.59	17323100	20.0
(DEL) Alkane: Str...	12.00	11.1	ng/ul	9575840	2	10.59	17323100	20.0
Naphthalene, 1-me...	12.48	16.5	ng/ul	14273800	2	10.59	17323100	20.0
(DEL) Alkane: Str...	12.96	39.9	ng/ul	22338700	3	14.45	11197600	20.0
(DEL) Alkane: Cyc...	14.26	28.3	ng/ul	15868000	3	14.45	11197600	20.0
(DEL) Alkane: Str...	14.33	19.9	ng/ul	11150100	3	14.45	11197600	20.0
Naphthalene, 2,3,...	15.07	39.5	ng/ul	22125300	3	14.45	11197600	20.0
Naphthalene, 1,6,...	15.23	36.3	ng/ul	20319400	3	14.45	11197600	20.0
Naphthalene, 1,4,...	15.27	19.6	ng/ul	10948900	3	14.45	11197600	20.0
(DEL) Alkane: Str...	15.69	63.0	ng/ul	35246700	3	14.45	11197600	20.0
(DEL) Alkane: Str...	16.17	52.8	ng/ul	58938700	4	17.20	22313600	20.0
(DEL) Alkane: Str...	17.59	8.2	ng/ul	9166800	4	17.20	22313600	20.0