

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014792.D
 Acq On : 24 Apr 2018 00:52
 Operator : SJ/JU
 Sample : J2431-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP5

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-BM041918.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	7.469	707	711	716	rVV	4168502	6544101	3.30%	0.251%
2	7.640	735	740	747	rVV2	6523834	11229679	5.66%	0.431%
3	8.116	817	821	825	rVV	4040861	5529728	2.79%	0.212%
4	8.481	878	883	888	rVB	6880265	10296394	5.19%	0.395%
5	8.663	906	914	919	rBV	19878792	34787063	17.55%	1.335%
6	9.040	970	978	981	rBV2	3856959	8192061	4.13%	0.314%
7	9.098	986	988	994	rVB2	4787596	6756158	3.41%	0.259%
8	9.169	994	1000	1006	rBV2	11162556	19707742	9.94%	0.756%
9	9.281	1014	1019	1024	rBV	4435550	7255502	3.66%	0.278%
10	9.487	1049	1054	1059	rBV	3862403	6426478	3.24%	0.247%
11	9.545	1059	1064	1070	rVB	5213455	9158585	4.62%	0.351%
12	9.645	1075	1081	1087	rVV	11663642	20492065	10.34%	0.786%
13	9.740	1089	1097	1103	rVB4	4776685	10763807	5.43%	0.413%
14	9.892	1111	1123	1130	rBV5	3712044	10187559	5.14%	0.391%
15	9.987	1130	1139	1153	rVV5	3631639	11115878	5.61%	0.427%
16	10.175	1165	1171	1176	rVV	10159227	17443050	8.80%	0.669%
17	10.240	1176	1182	1187	rVV	12865771	21281436	10.73%	0.817%
18	10.434	1204	1215	1218	rBV	5776927	11107040	5.60%	0.426%
19	10.475	1218	1222	1229	rVV2	7042357	11953432	6.03%	0.459%
20	10.551	1229	1235	1239	rVV	8119119	14667824	7.40%	0.563%
21	10.610	1239	1245	1252	rVV4	6665582	15337023	7.74%	0.589%
22	10.698	1252	1260	1265	rVV2	4478724	11184612	5.64%	0.429%
23	10.763	1265	1271	1276	rVV	12449293	23651751	11.93%	0.908%
24	10.816	1276	1280	1285	rVV2	7528014	12754351	6.43%	0.489%
25	10.934	1297	1300	1305	rVV	4694377	7658160	3.86%	0.294%
26	11.057	1315	1321	1328	rVB	5895443	10333963	5.21%	0.397%
27	11.234	1344	1351	1357	rBV4	3085148	6294603	3.17%	0.242%
28	11.392	1372	1378	1379	rVV3	4914672	8260022	4.17%	0.317%
29	11.434	1379	1385	1391	rVV2	26649929	55905394	28.20%	2.146%
30	13.010	1644	1653	1661	rVB	41770311	78446491	39.57%	3.011%
31	13.222	1678	1689	1695	rVB	25064837	42917623	21.65%	1.647%
32	13.975	1811	1817	1828	rVB	15812143	24566779	12.39%	0.943%
33	14.169	1845	1850	1862	rVB	7095274	12258030	6.18%	0.470%
34	14.298	1863	1872	1874	rBV	9227566	15348269	7.74%	0.589%

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35	14.457	1892	1899	1904	rBV	13816924	25520290	12.87%	0.979%
36	14.516	1904	1909	1914	rVV2	11108917	17664009	8.91%	0.678%
37	14.692	1932	1939	1942	rBV	6471456	9874778	4.98%	0.379%
38	14.857	1956	1967	1975	rVB4	4751522	11084794	5.59%	0.425%
39	15.098	1998	2008	2012	rBV	7186602	11311070	5.70%	0.434%
40	15.222	2019	2029	2034	rBV3	53853723	122705756	61.89%	4.709%
41	15.433	2056	2065	2074	rBV2	4429564	9430646	4.76%	0.362%
42	15.539	2074	2083	2088	rVV2	40553074	81620237	41.17%	3.132%
43	15.586	2088	2091	2100	rVB	3921209	5639192	2.84%	0.216%
44	15.727	2109	2115	2120	rBV2	3093596	5450374	2.75%	0.209%
45	16.098	2170	2178	2184	rVV	25865189	42292170	21.33%	1.623%
46	16.186	2184	2193	2198	rVV2	51367731	106072431	53.50%	4.071%
47	16.257	2198	2205	2207	rVV	3946660	6340346	3.20%	0.243%
48	16.292	2207	2211	2213	rVV2	5776332	9644282	4.86%	0.370%
49	16.327	2213	2217	2221	rVV3	11441611	18609502	9.39%	0.714%
50	16.416	2228	2232	2234	rVV	6121757	8954050	4.52%	0.344%
51	16.451	2234	2238	2245	rVB	13047922	18829439	9.50%	0.723%
52	16.598	2255	2263	2270	rVB2	13498303	27294438	13.77%	1.048%
53	16.945	2317	2322	2327	rVV	5146112	7548327	3.81%	0.290%
54	17.151	2346	2357	2361	rBV2	9570326	18999934	9.58%	0.729%
55	17.298	2376	2382	2387	rVB3	3938730	6835461	3.45%	0.262%
56	17.368	2387	2394	2397	rBV2	3233240	7106799	3.58%	0.273%
57	17.568	2422	2428	2439	rVV3	3746124	10242347	5.17%	0.393%
58	17.668	2439	2445	2464	rVB	19398147	32330432	16.31%	1.241%
59	17.927	2470	2489	2491	rBV6	60642819	198270004	100.00%	7.609%
60	18.004	2497	2502	2506	rVB2	38883805	57685671	29.09%	2.214%
61	18.039	2506	2508	2516	rVB	4944783	6637233	3.35%	0.255%
62	18.239	2536	2542	2556	rVB	6828435	14001036	7.06%	0.537%
63	18.351	2556	2561	2568	rBV2	4277776	7213339	3.64%	0.277%
64	18.704	2611	2621	2625	rVV	17931314	29557038	14.91%	1.134%
65	18.757	2625	2630	2636	rVB	23913549	35337722	17.82%	1.356%
66	18.833	2636	2643	2648	rBV	8678573	14524922	7.33%	0.557%
67	18.910	2648	2656	2666	rVV2	37034893	80786210	40.75%	3.100%
68	19.180	2696	2702	2708	rVV	13618989	18970397	9.57%	0.728%
69	19.586	2765	2771	2776	rBV	4714182	8757842	4.42%	0.336%
70	19.657	2779	2783	2791	rVB3	3650190	7515926	3.79%	0.288%
71	19.892	2811	2823	2829	rBV3	58174479	171411412	86.45%	6.579%

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72	20.098	2851	2858	2867	rVB2	6461042	12677352	6.39%	0.487%
73	20.245	2867	2883	2886	rBV5	57641500	190993644	96.33%	7.330%
74	20.274	2886	2888	2891	rVV2	5717133	5513954	2.78%	0.212%
75	20.380	2901	2906	2910	rVB	9102292	11228957	5.66%	0.431%
76	20.515	2922	2929	2935	rBV3	7185667	17586887	8.87%	0.675%
77	20.692	2946	2959	2963	rBV	22055305	39861314	20.10%	1.530%
78	20.786	2969	2975	2979	rBV2	24484436	37811539	19.07%	1.451%
79	20.845	2982	2985	2988	rVV	8110244	10547887	5.32%	0.405%
80	21.021	3012	3015	3022	rVB2	4554560	7656673	3.86%	0.294%
81	21.368	3069	3074	3078	rBV	7757337	10722784	5.41%	0.412%
82	21.580	3102	3110	3112	rBV	8870242	13270058	6.69%	0.509%
83	21.609	3112	3115	3119	rVB	8128773	10685285	5.39%	0.410%
84	21.656	3119	3123	3127	rBV2	8949433	12044130	6.07%	0.462%
85	21.798	3142	3147	3156	rBV	30690490	40990028	20.67%	1.573%
86	21.927	3159	3169	3173	rVV3	43445378	82019361	41.37%	3.148%
87	21.986	3174	3179	3187	rVB	34832951	55891883	28.19%	2.145%
88	22.109	3194	3200	3205	rBV	9389227	13702089	6.91%	0.526%
89	22.268	3222	3227	3232	rBV	6121543	9260531	4.67%	0.355%
90	22.527	3264	3271	3275	rVV	5186941	11217157	5.66%	0.430%
91	22.703	3296	3301	3305	rVV2	3491481	5969246	3.01%	0.229%
92	22.756	3305	3310	3313	rVV4	4390333	8700894	4.39%	0.334%
93	22.786	3313	3315	3321	rVV	4366619	6527259	3.29%	0.251%
94	23.680	3457	3467	3472	rBV	16619713	47251663	23.83%	1.813%
95	23.862	3492	3498	3509	rVB2	4550199	9304667	4.69%	0.357%
96	24.215	3551	3558	3564	rBV	8871611	18876916	9.52%	0.724%
97	24.333	3571	3578	3585	rVB	14370481	29554695	14.91%	1.134%
98	24.486	3599	3604	3612	rVB	4255159	8958581	4.52%	0.344%
99	27.021	4024	4035	4046	rVB	4454895	15051254	7.59%	0.578%
100	27.821	4161	4171	4191	rVB	2618118	9867862	4.98%	0.379%

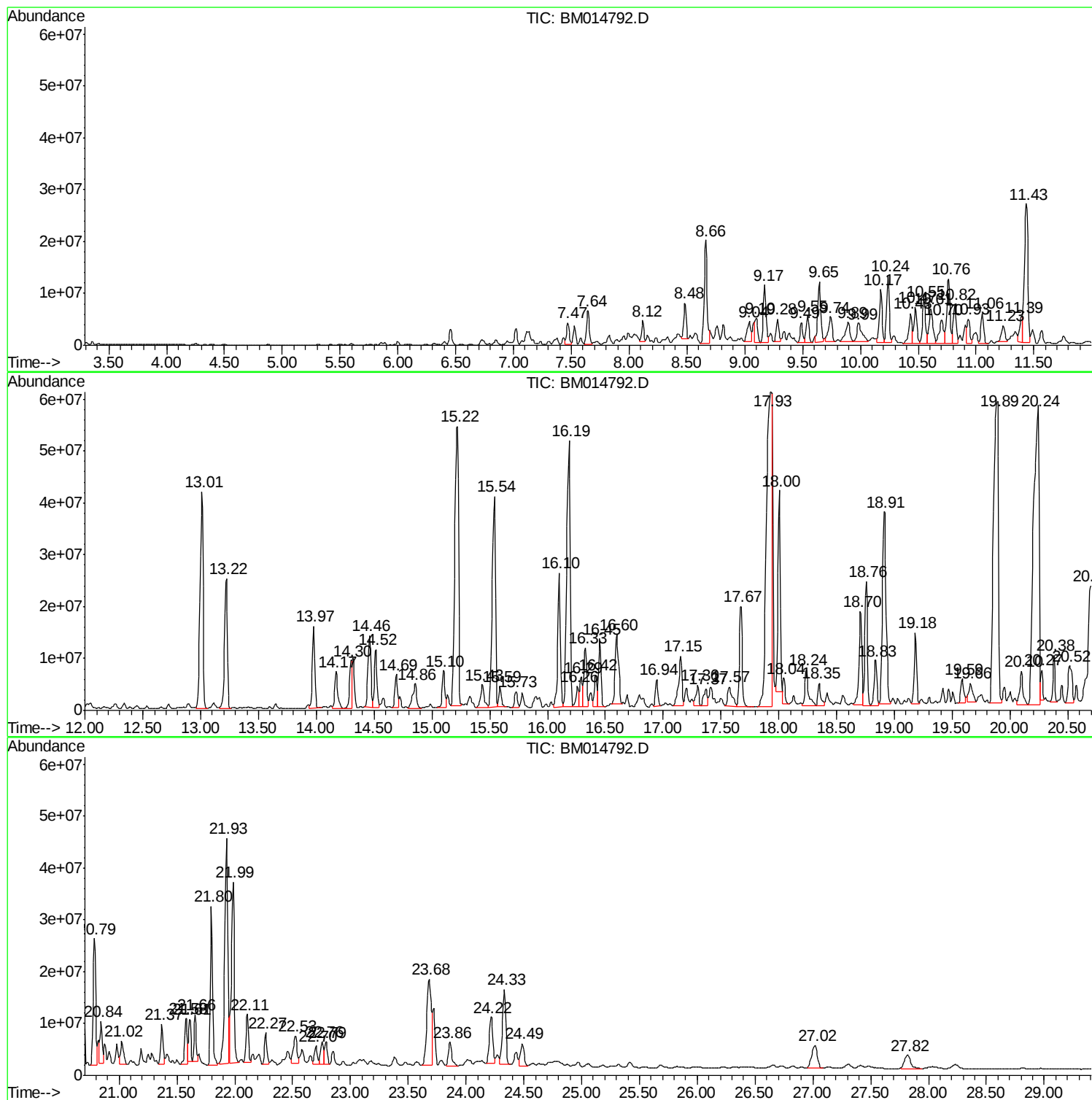
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Instrument :
BNA_M
ClientSampled :
DASP5

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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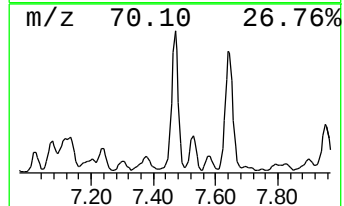
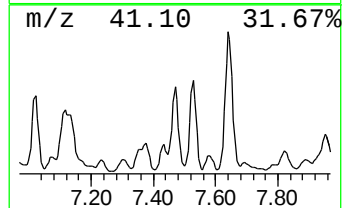
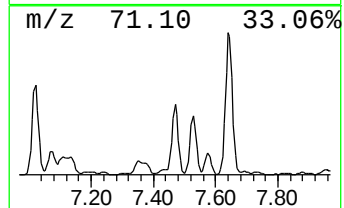
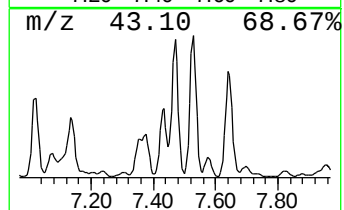
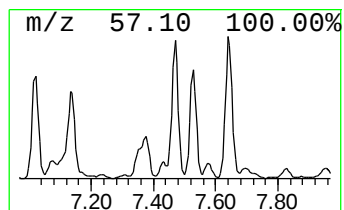
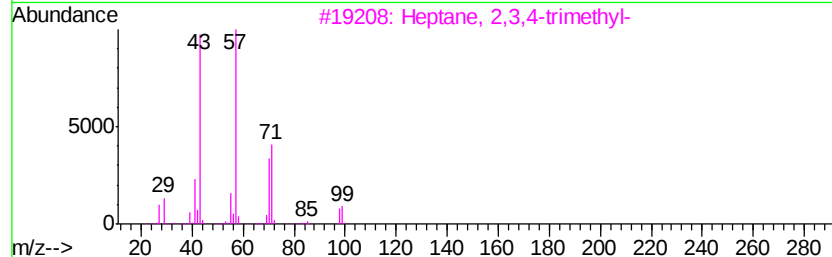
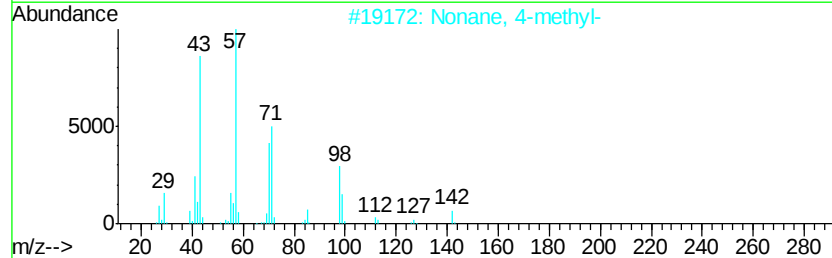
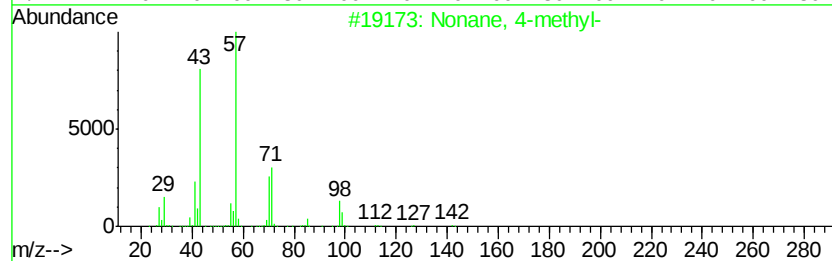
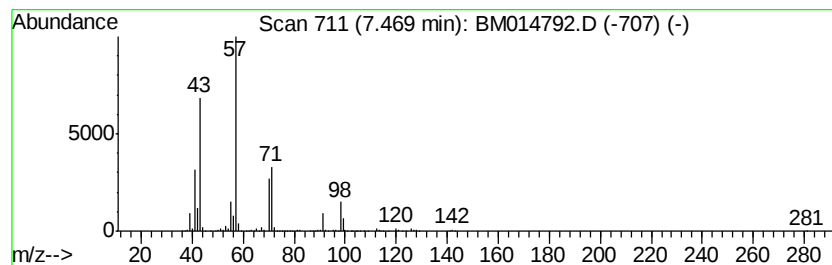
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	12.71 ng/ul	6544100	1,4-Dichlorobenzene-d4	8.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	81
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	59
3		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	47
5		Nonane, 2-methyl-	142	C10H22	000871-83-0	47



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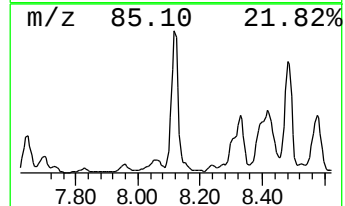
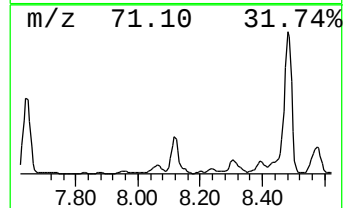
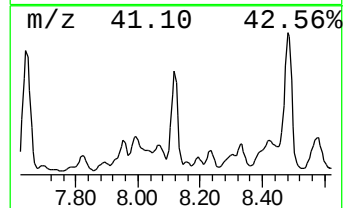
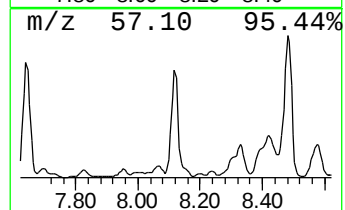
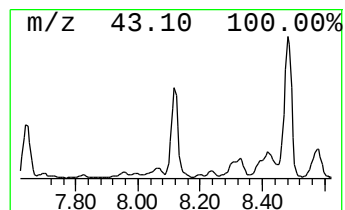
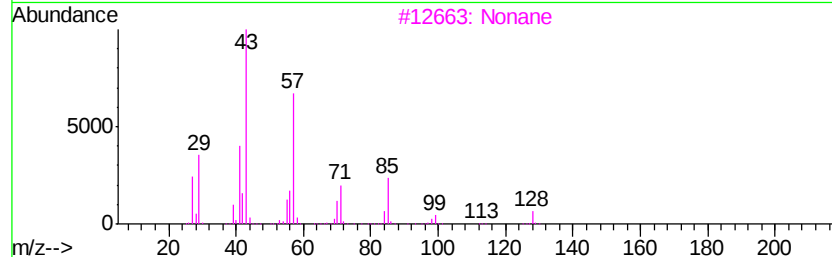
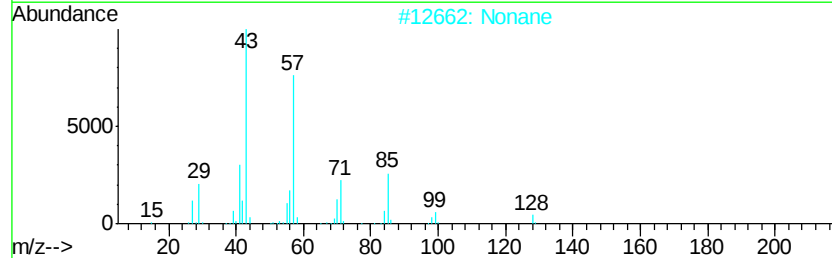
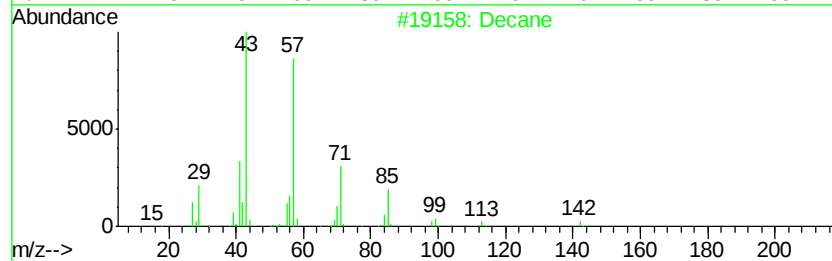
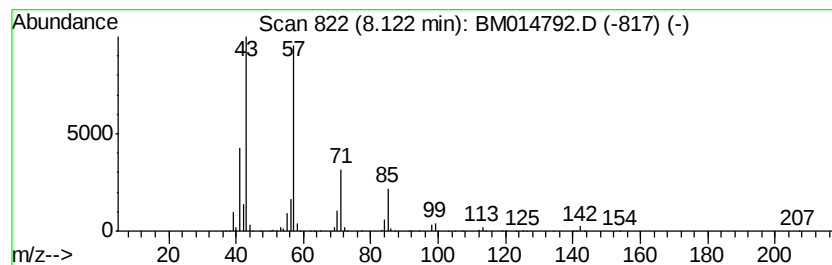
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	10.74 ng/ul	5529730	1,4-Dichlorobenzene-d4	8.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	95
2		Nonane	128	C9H20	000111-84-2	83
3		Nonane	128	C9H20	000111-84-2	78
4		Decane	142	C10H22	000124-18-5	78
5		Ether, hexyl pentyl	172	C11H24O	032357-83-8	64



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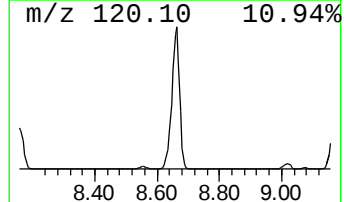
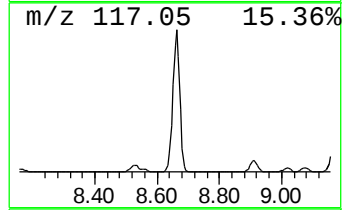
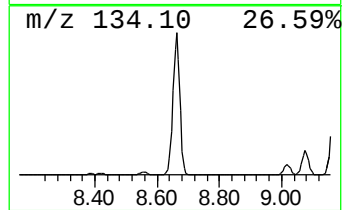
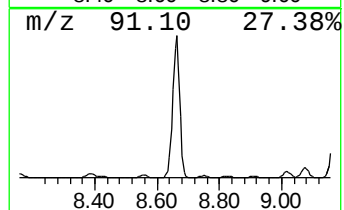
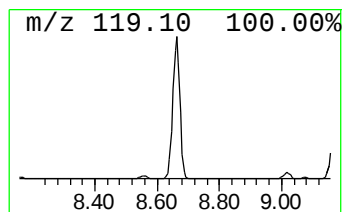
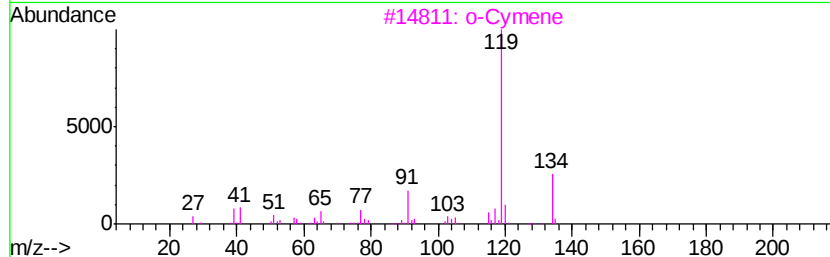
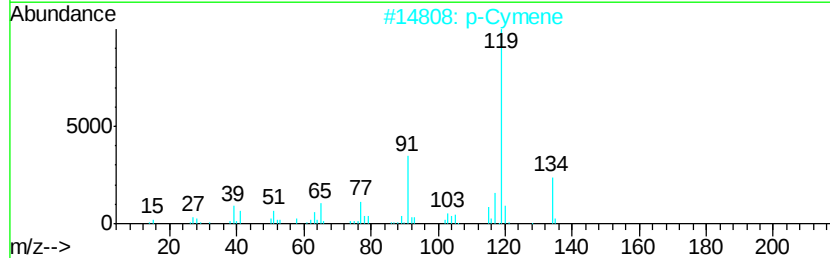
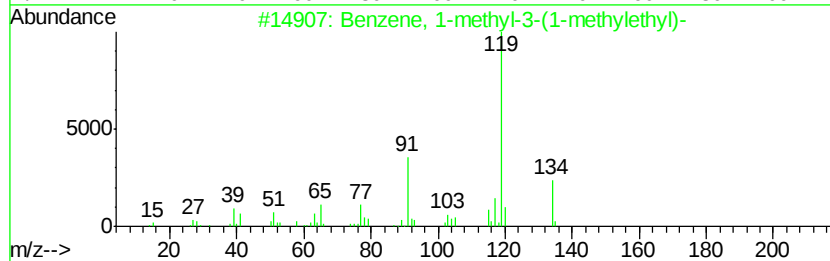
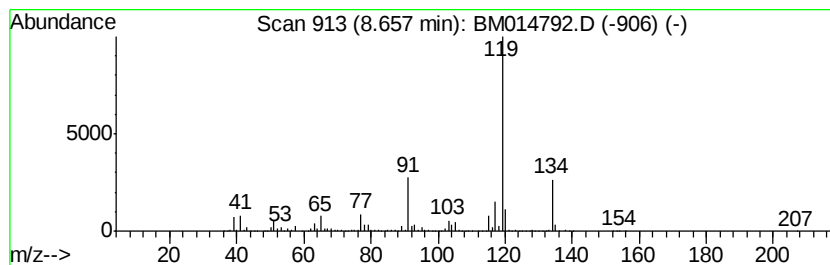
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	67.57 ng/ul	34787100	1,4-Dichlorobenzene-d4	8.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2		p-Cymene	134	C10H14	000099-87-6	95
3		o-Cymene	134	C10H14	000527-84-4	94
4		p-Cymene	134	C10H14	000099-87-6	94
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014792.D
Acq On : 24 Apr 2018 00:52
Operator : SJ/JU
Sample : J2431-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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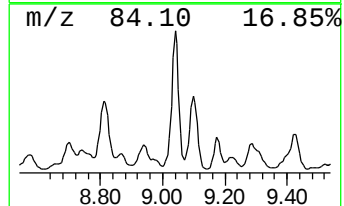
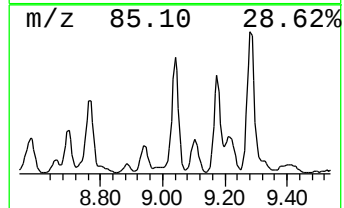
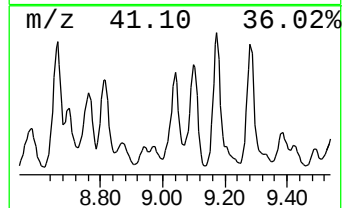
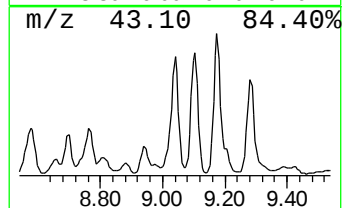
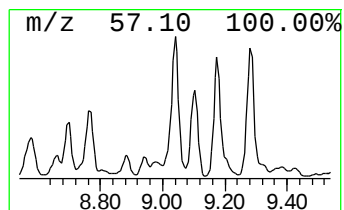
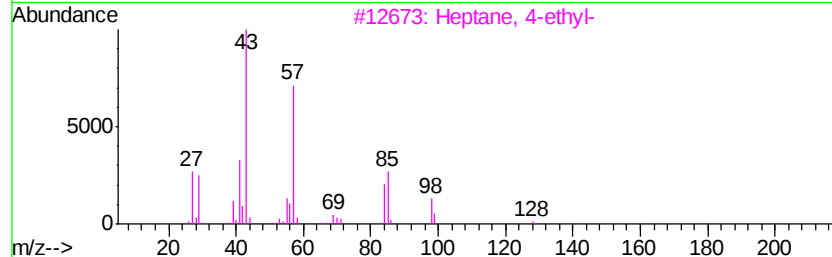
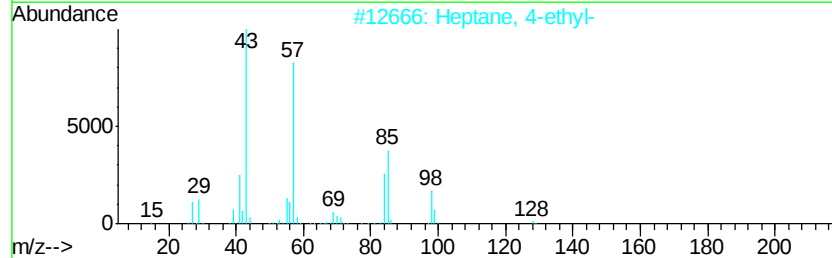
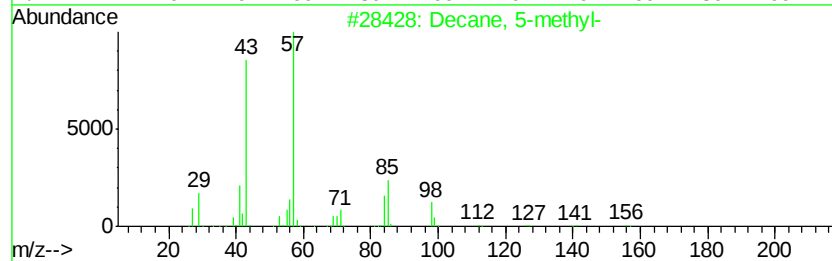
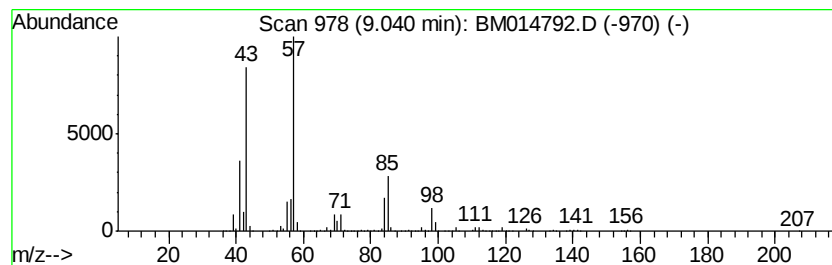
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	15.91 ng/ul	8192060	1,4-Dichlorobenzene-d4	8.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	93
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	72
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	72
4		Decane, 5-methyl-	156	C11H24	013151-35-4	72
5		Heptane, 4-ethyl-	128	C9H20	002216-32-2	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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Acq On : 24 Apr 2018 00:52
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ClientSampleId :
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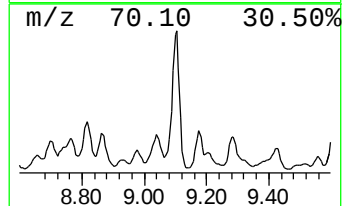
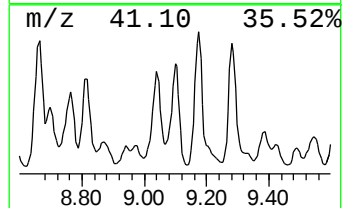
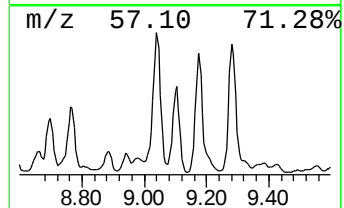
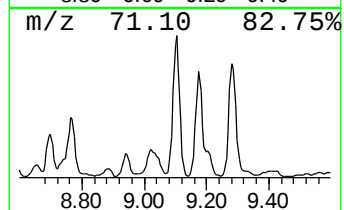
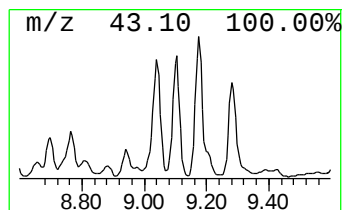
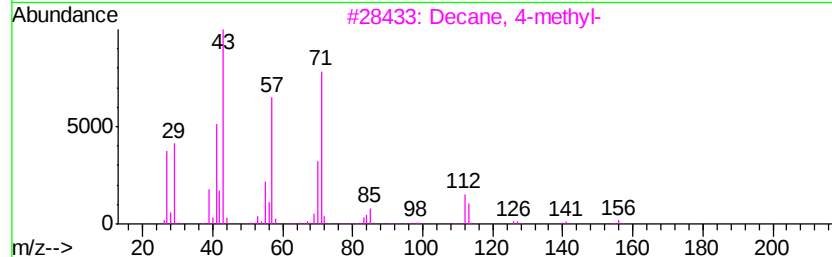
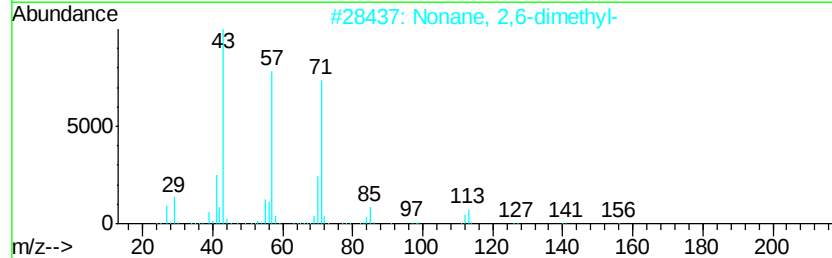
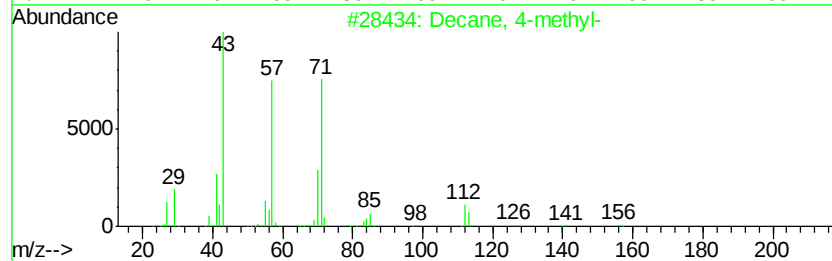
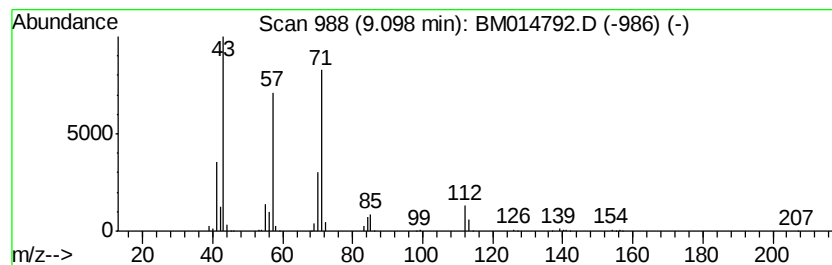
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	13.12 ng/ul	6756160	1,4-Dichlorobenzene-d4	8.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	95
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	86
3		Decane, 4-methyl-	156	C11H24	002847-72-5	83
4		4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	83
5		Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	78



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ClientSampleId :
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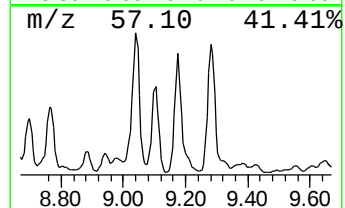
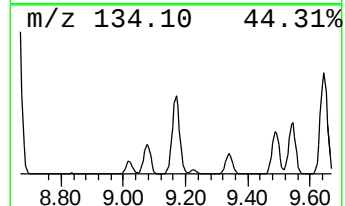
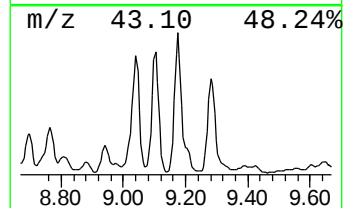
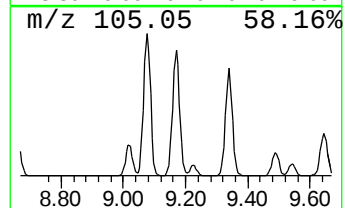
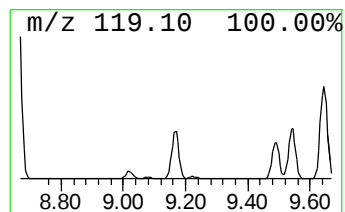
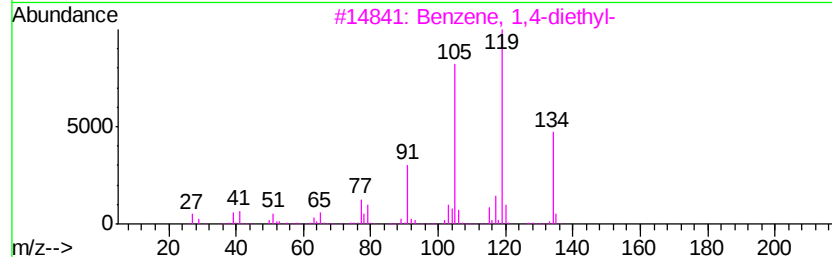
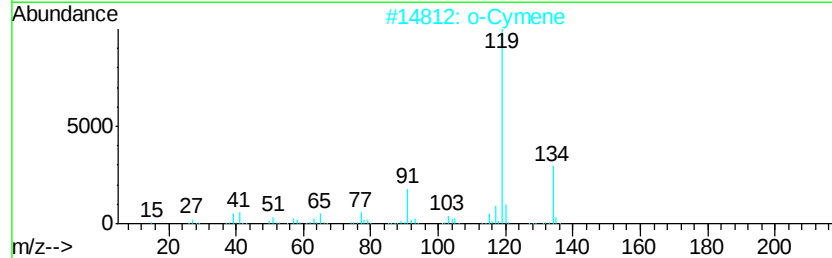
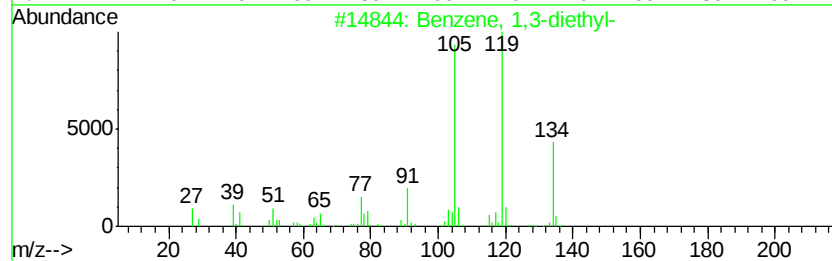
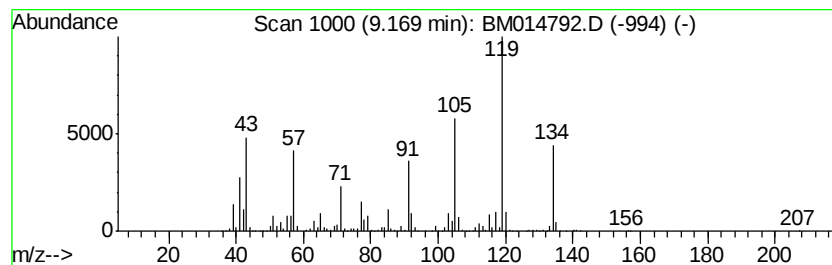
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	38.28 ng/ul	19707700	1,4-Dichlorobenzene-d4	8.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
2		o-Cymene	134	C10H14	000527-84-4	89
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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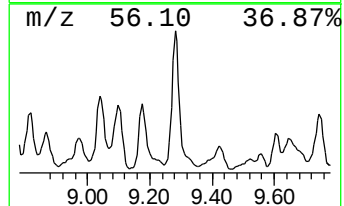
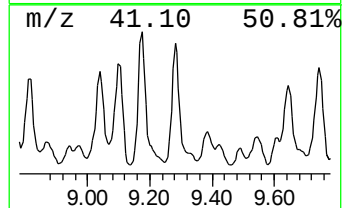
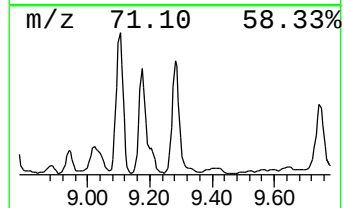
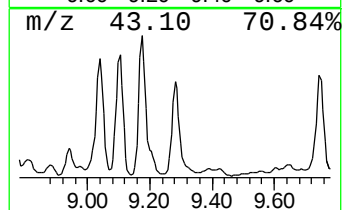
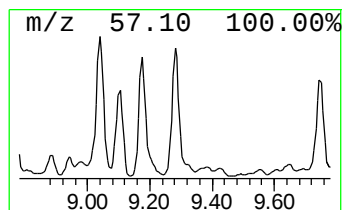
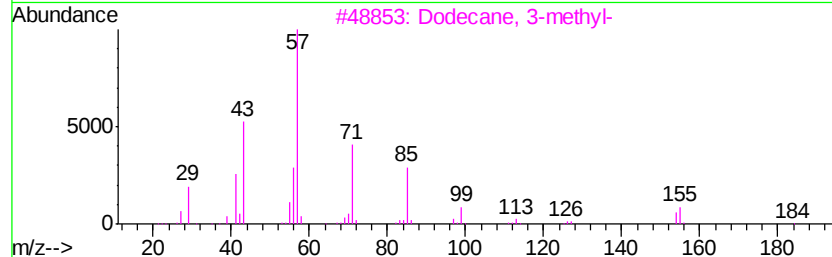
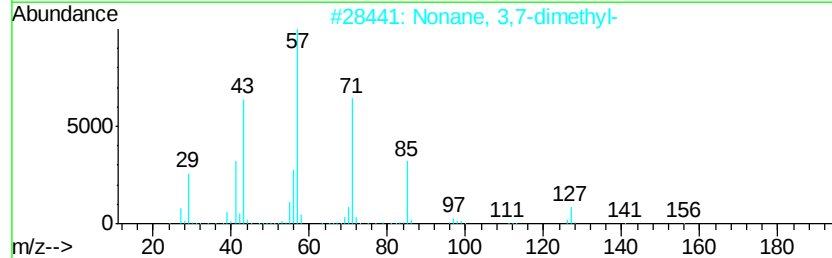
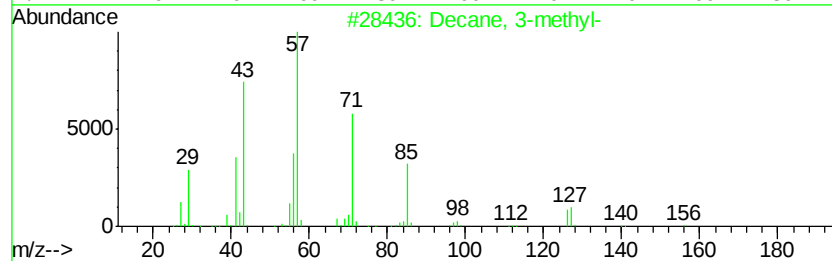
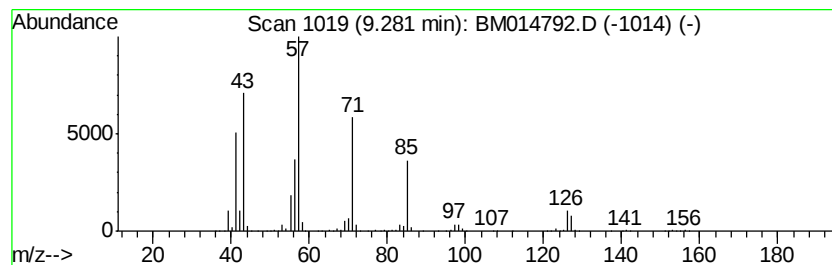
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	14.09 ng/ul	7255500	1,4-Dichlorobenzene-d4	8.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	94
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
5		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53



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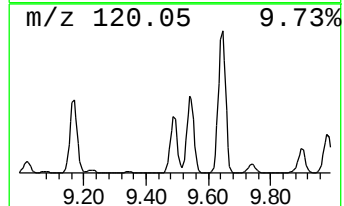
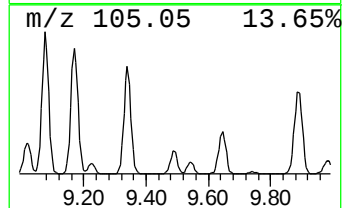
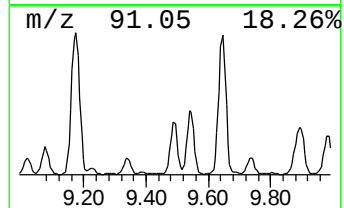
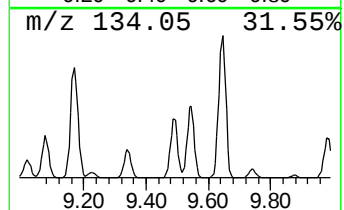
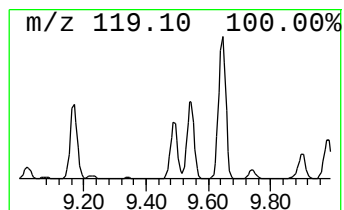
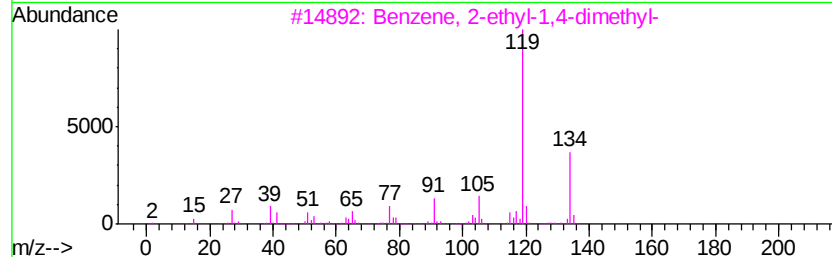
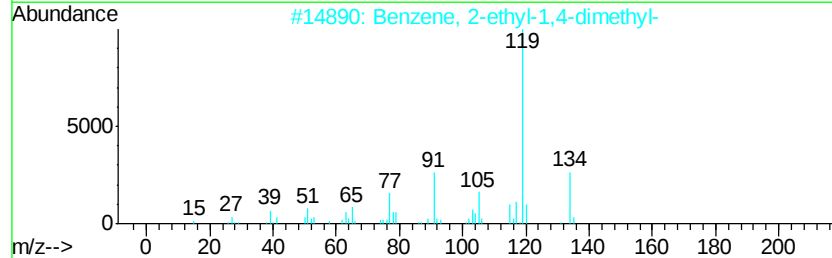
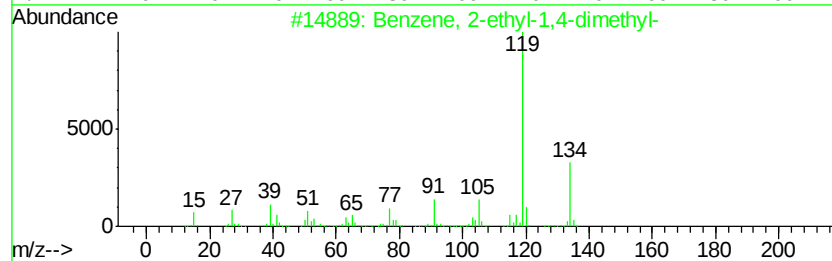
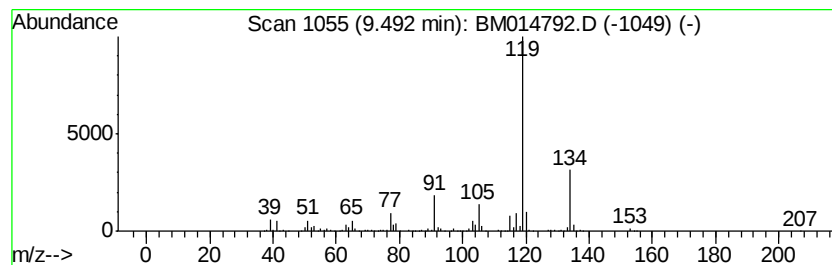
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	12.48 ng/ul	6426480	1,4-Dichlorobenzene-d4	8.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		o-Cymene	134	C10H14	000527-84-4	95



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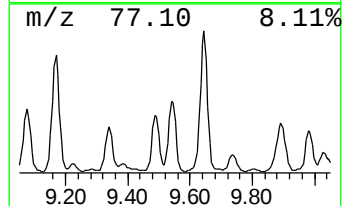
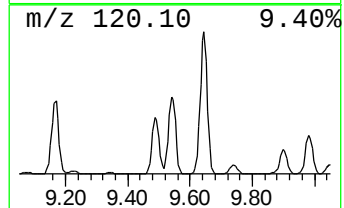
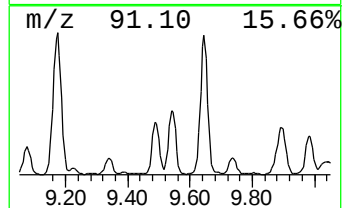
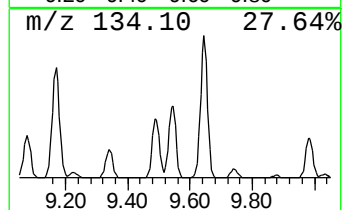
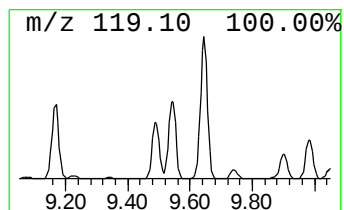
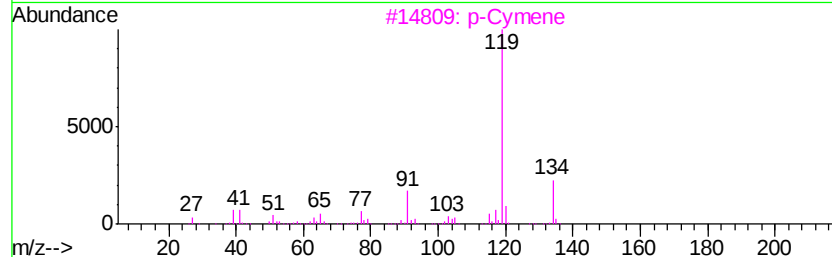
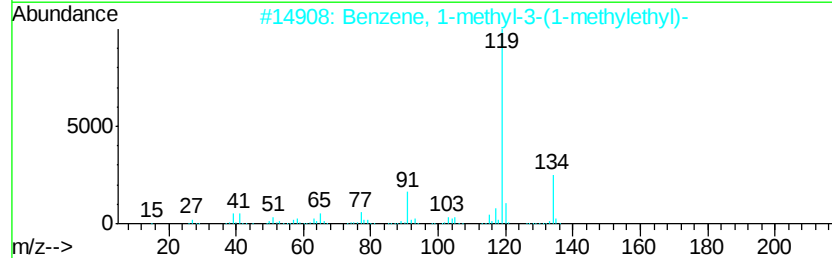
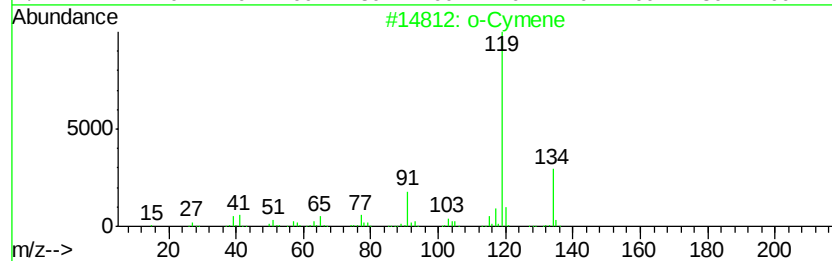
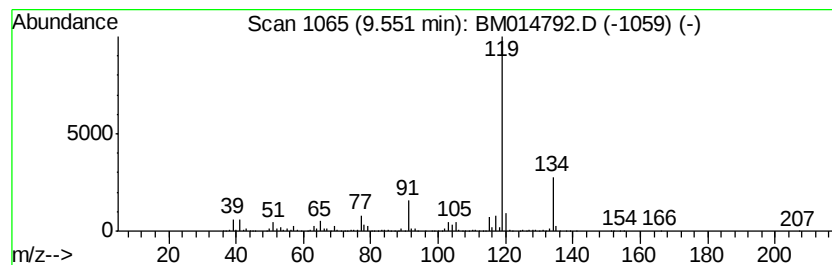
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 o-Cymene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	17.79 ng/ul	9158590	1,4-Dichlorobenzene-d4	8.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
3		p-Cymene	134	C10H14	000099-87-6	95
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5		o-Cymene	134	C10H14	000527-84-4	94



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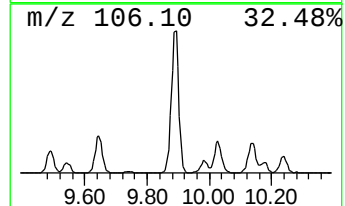
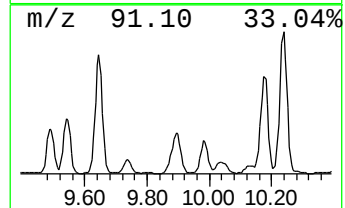
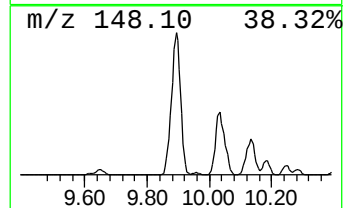
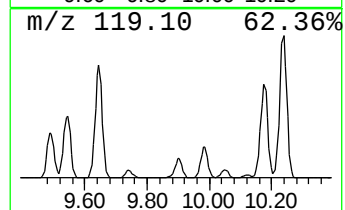
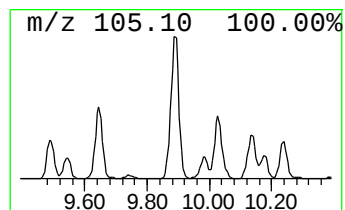
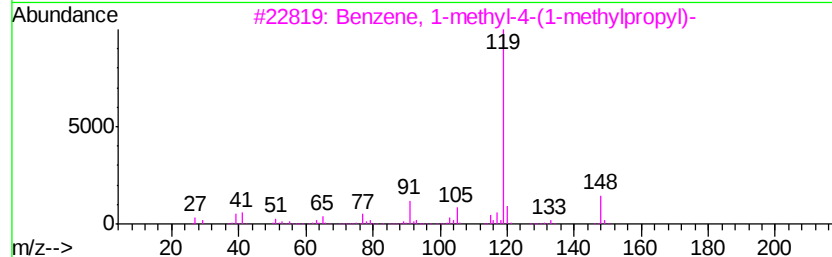
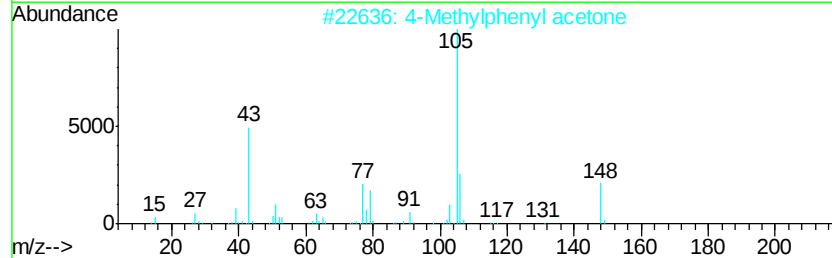
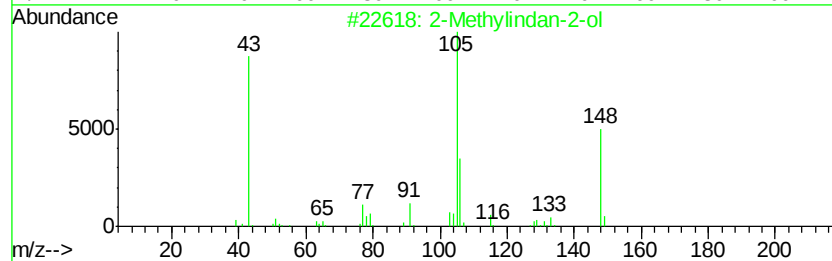
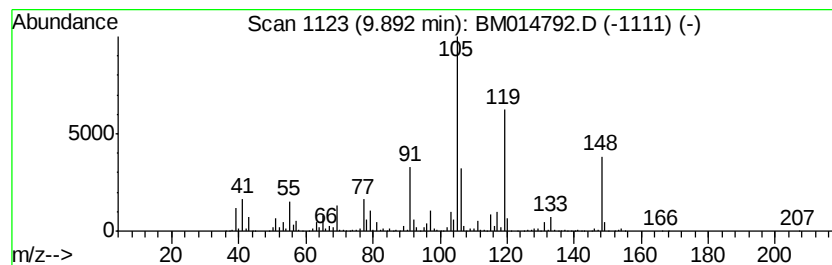
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 2-Methylindan-2-ol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.89	19.79 ng/ul	10187600	1,4-Dichlorobenzene-d4	8.53		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Methylindan-2-ol	148	C10H12O	033223-84-6	60
2		4-Methylphenyl acetone	148	C10H12O	002096-86-8	55
3		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	52
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
5		Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	49



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014792.D
Acq On : 24 Apr 2018 00:52
Operator : SJ/JU
Sample : J2431-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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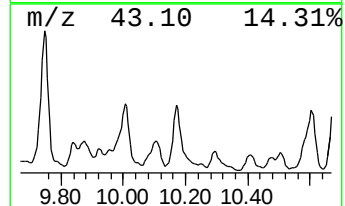
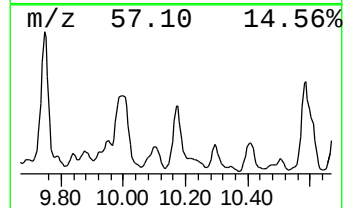
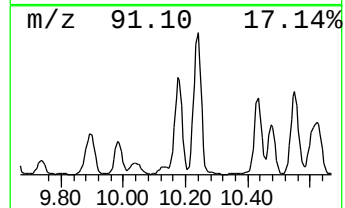
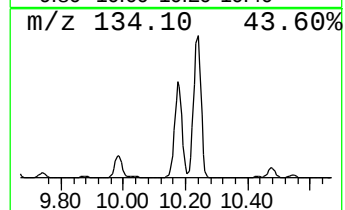
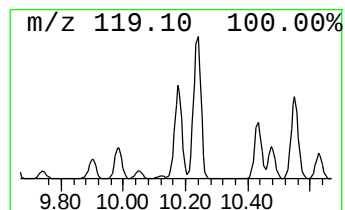
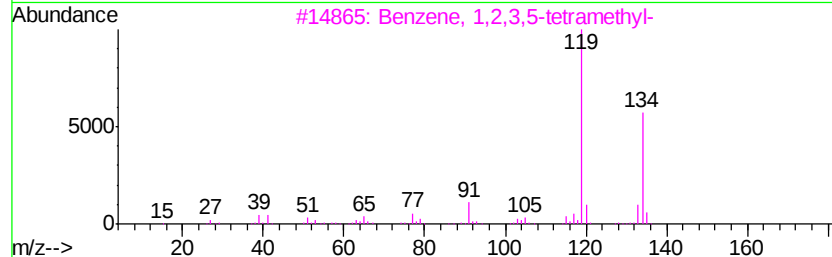
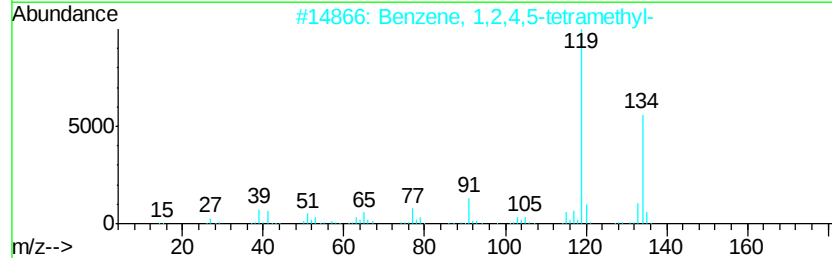
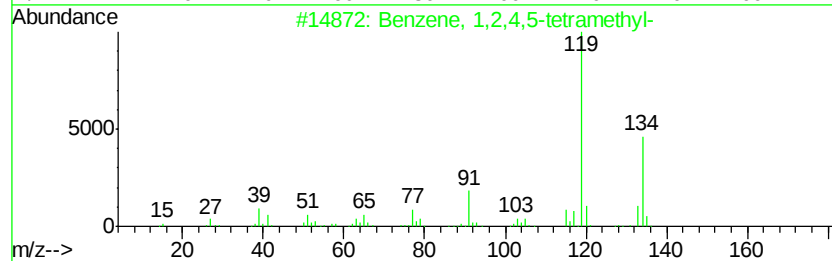
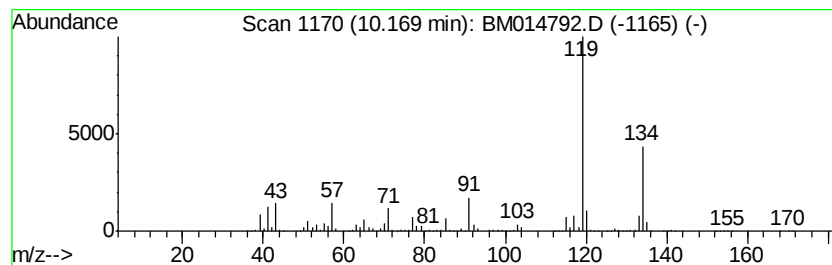
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	42.23 ng/ul	17443100	Naphthalene-d8	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014792.D
Acq On : 24 Apr 2018 00:52
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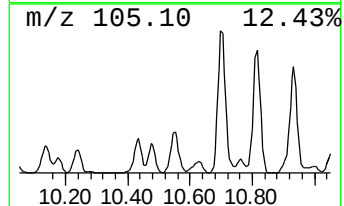
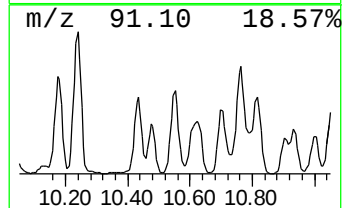
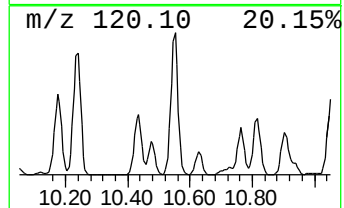
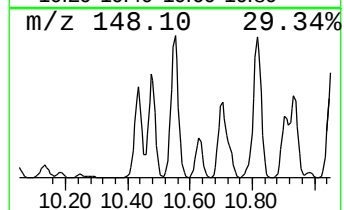
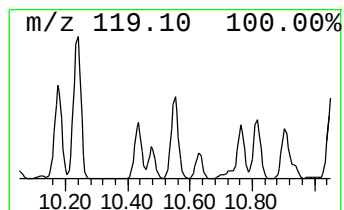
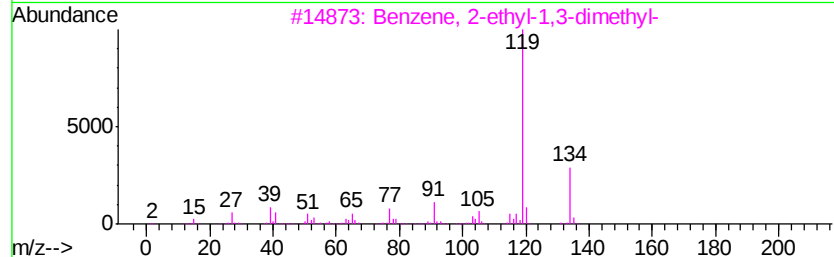
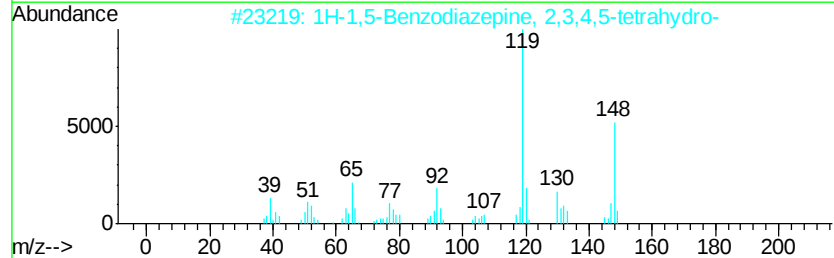
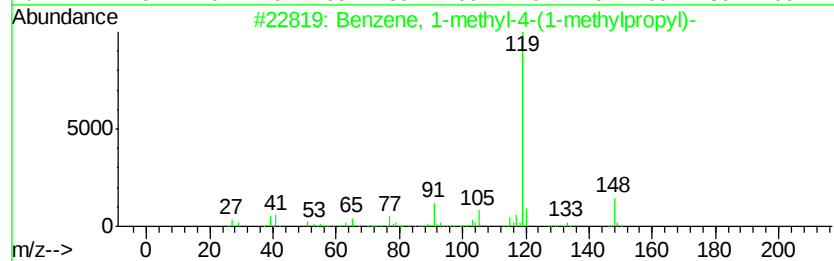
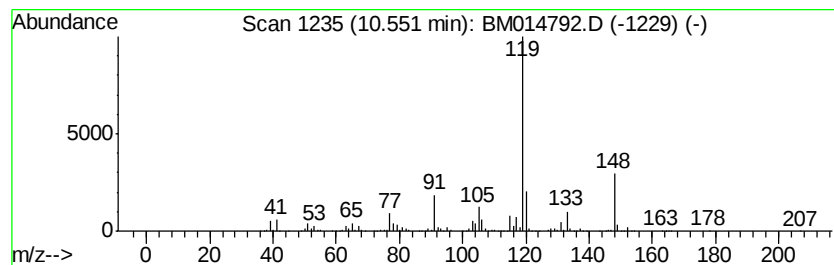
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzene, 1-methyl-4-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	35.52 ng/ul	14667800	Naphthalene-d8	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	81
2		1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	72
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	64
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014792.D
Acq On : 24 Apr 2018 00:52
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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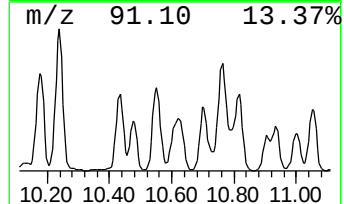
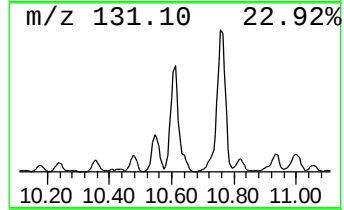
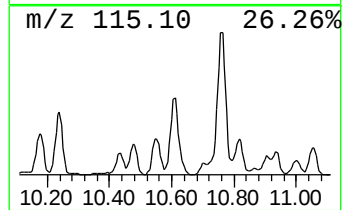
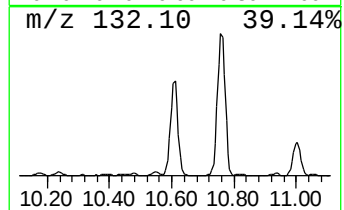
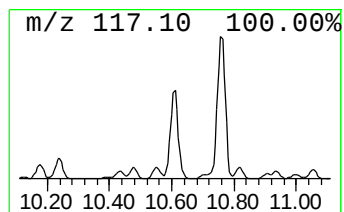
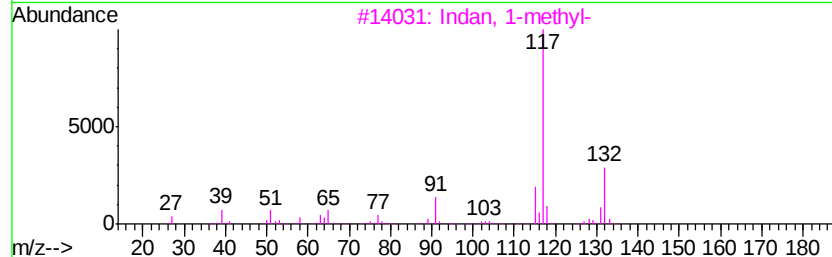
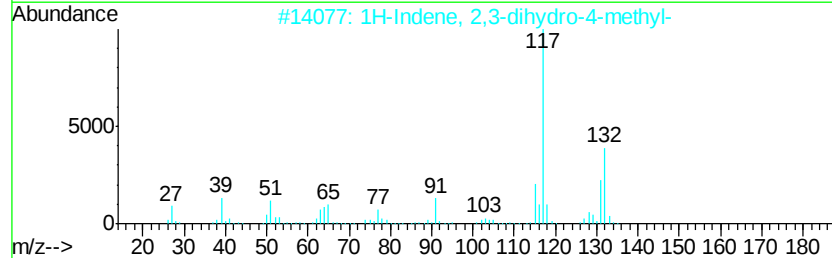
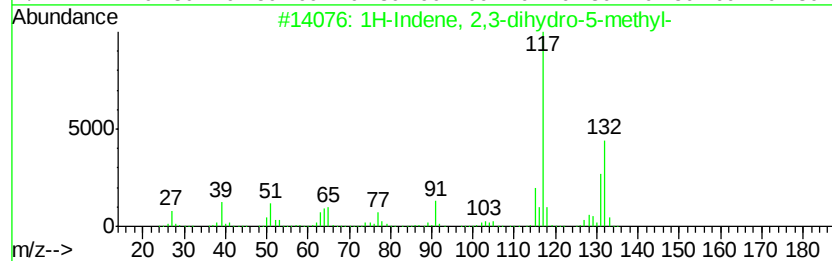
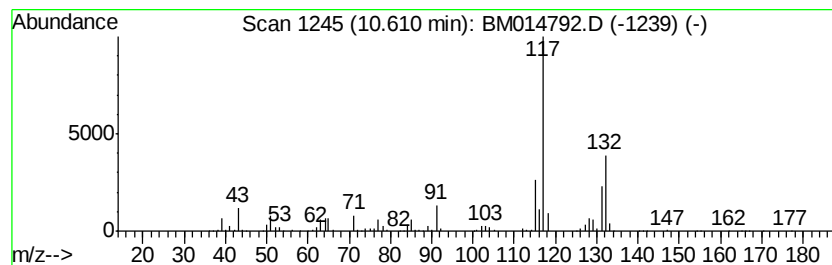
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	37.14 ng/ul	15337000	Napthalene-d8	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3		Indan, 1-methyl-	132	C10H12	000767-58-8	93
4		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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Acq On : 24 Apr 2018 00:52
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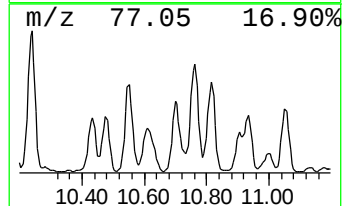
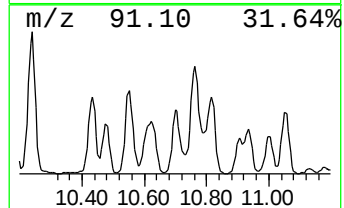
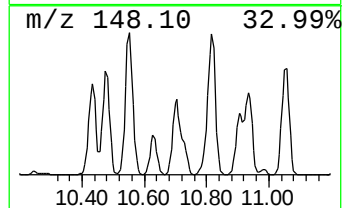
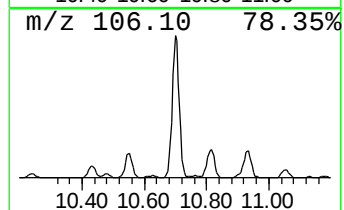
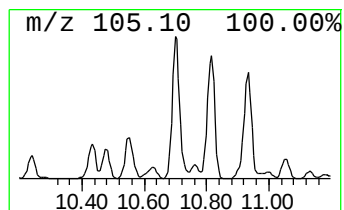
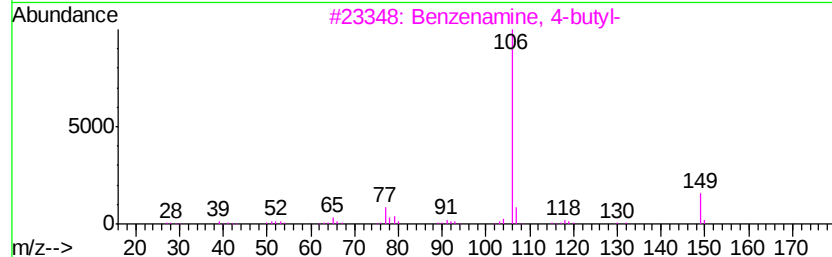
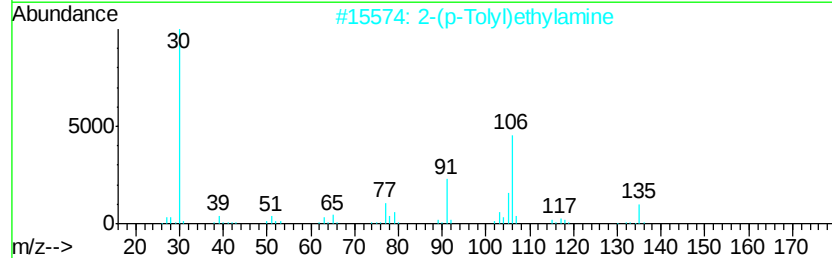
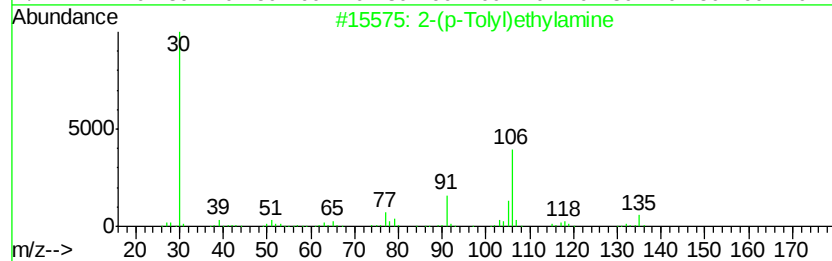
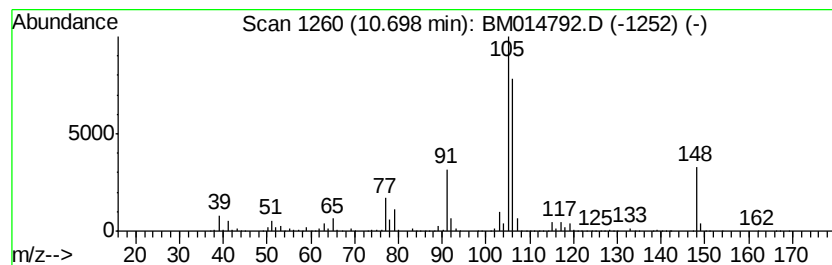
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 2-(p-Tolyl)ethylamine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	27.08 ng/ul	11184600	Napthalene-d8	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	64
2		2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	53
3		Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	49
4		Pyrimidine-2,4,6-trione, hexahyd...	233	C11H11N3O3	1000277-12-9	47
5		4-Methylphenyl acetone	148	C10H12O	002096-86-8	46



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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Acq On : 24 Apr 2018 00:52
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ClientSampleId :
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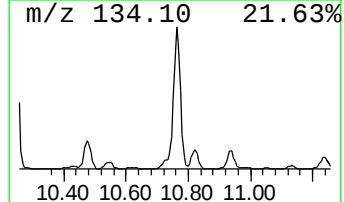
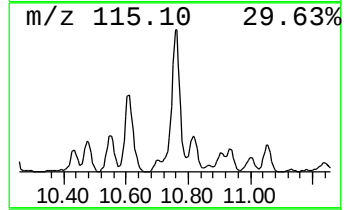
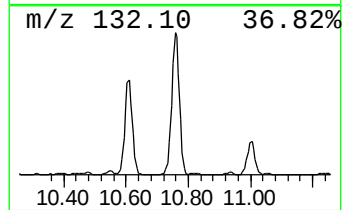
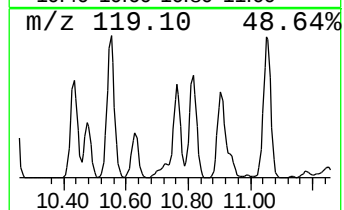
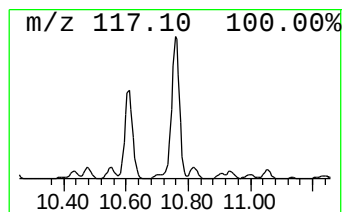
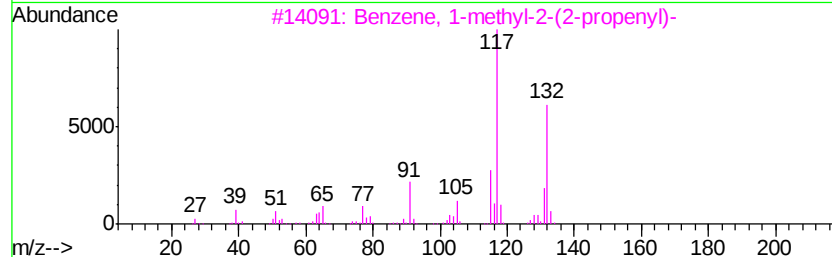
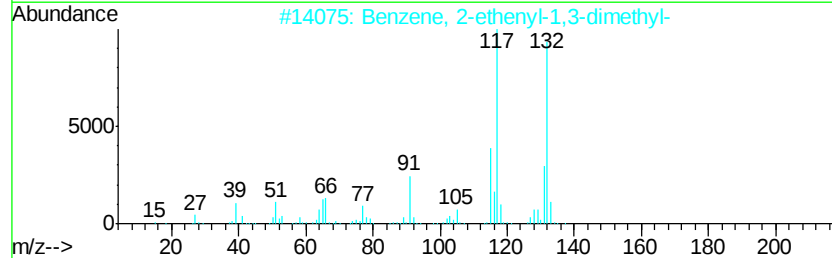
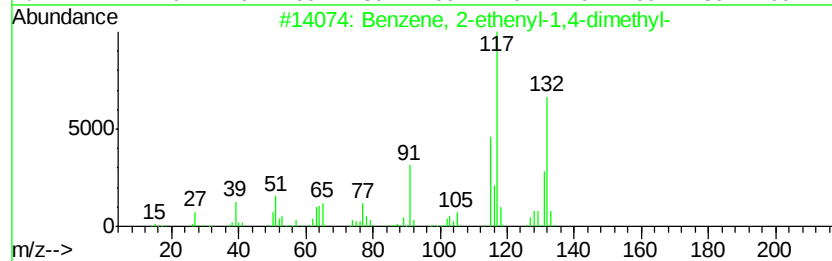
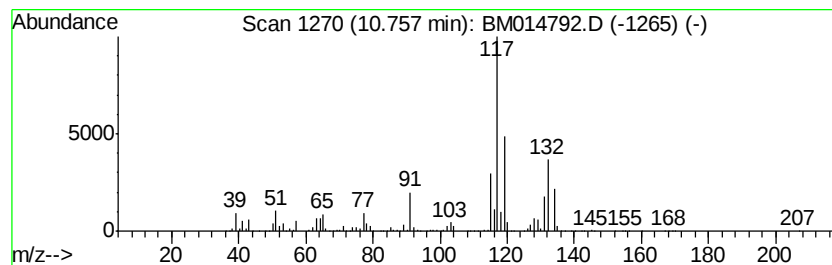
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	57.27 ng/ul	23651800	Naphthalene-d8	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	86
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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Acq On : 24 Apr 2018 00:52
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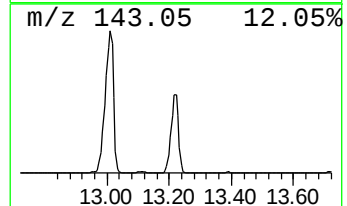
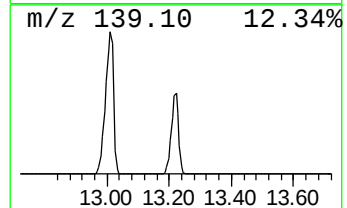
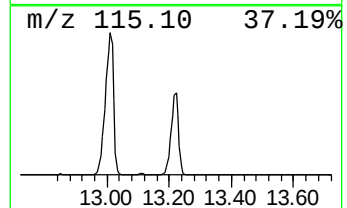
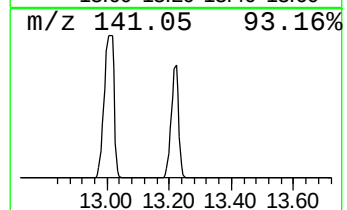
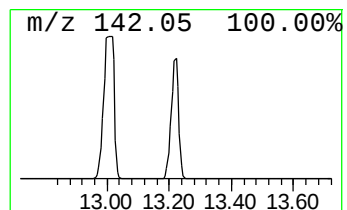
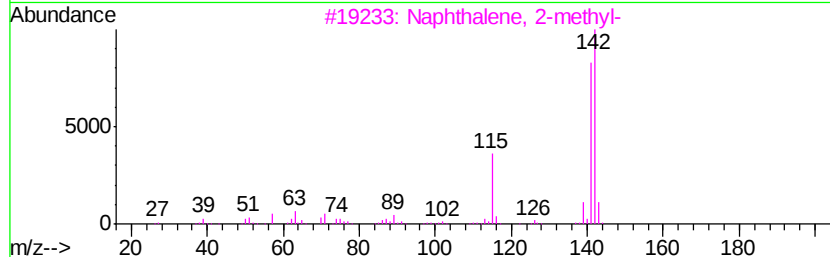
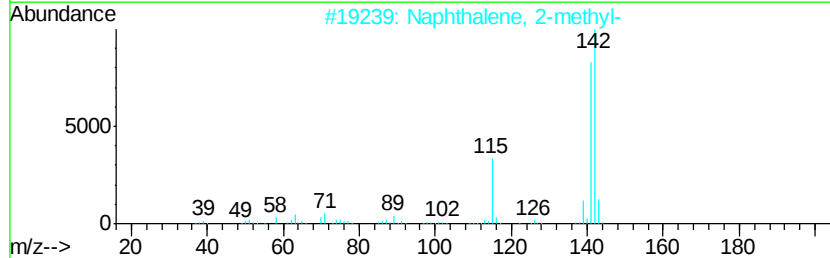
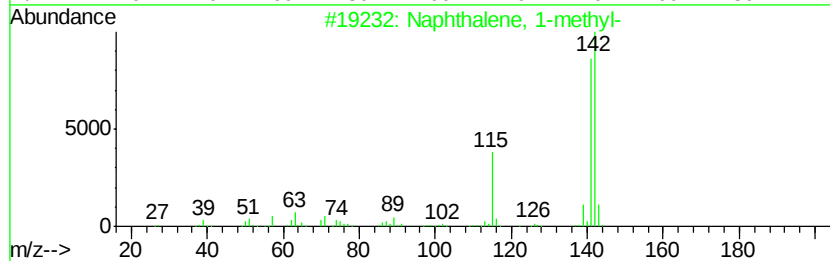
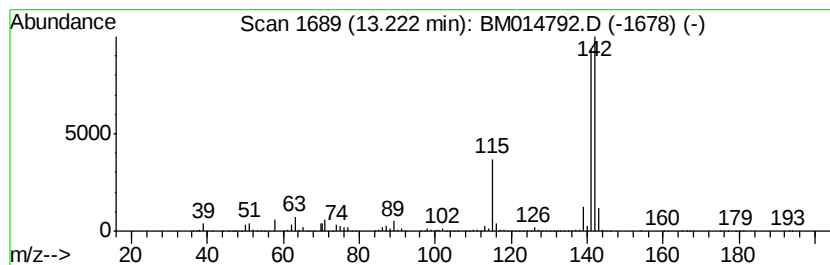
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	103.92 ng/ul	42917600	Naphthalene-d8	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014792.D
Acq On : 24 Apr 2018 00:52
Operator : SJ/JU
Sample : J2431-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DASP5

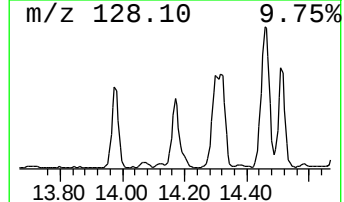
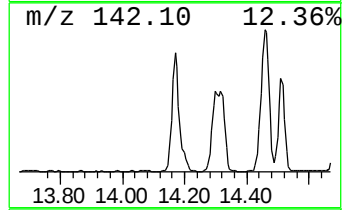
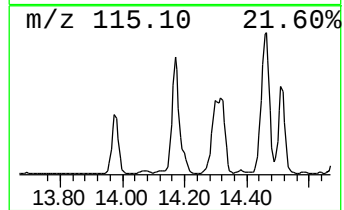
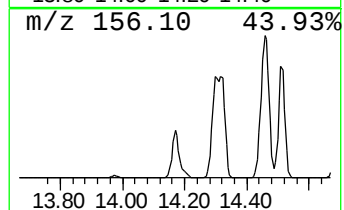
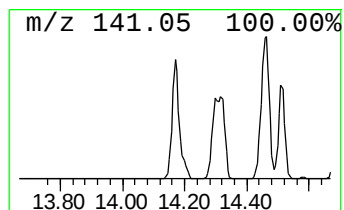
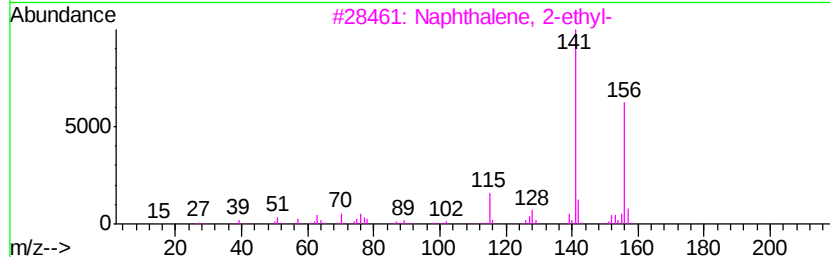
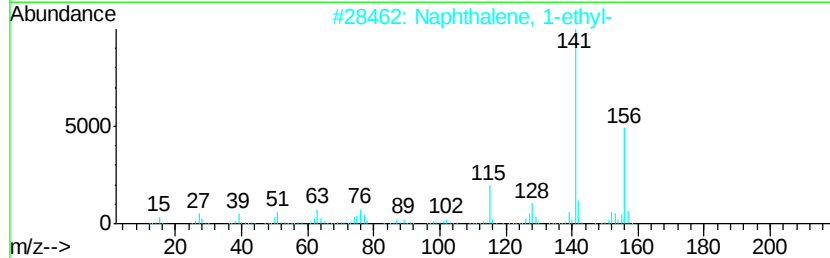
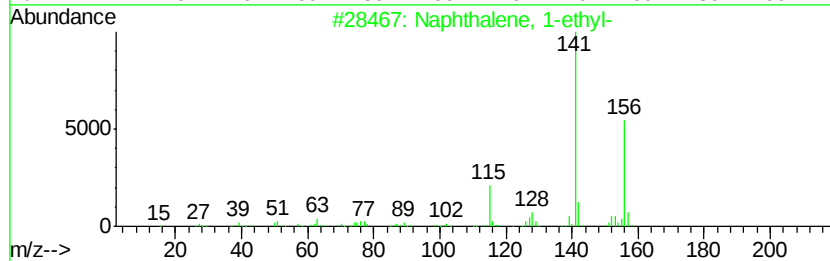
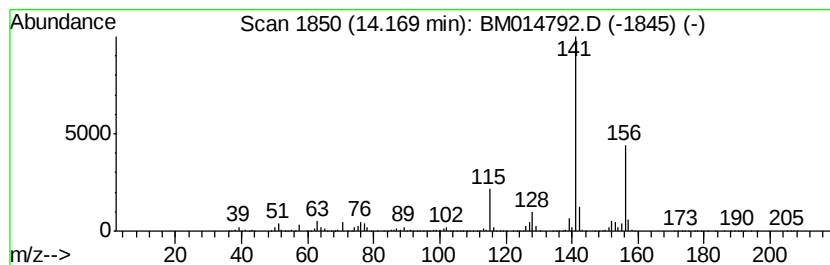
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	21.67 ng/ul	12258000	Acenaphthene-d10	15.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014792.D
Acq On : 24 Apr 2018 00:52
Operator : SJ/JU
Sample : J2431-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP5

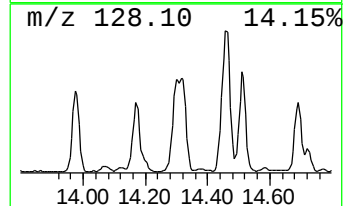
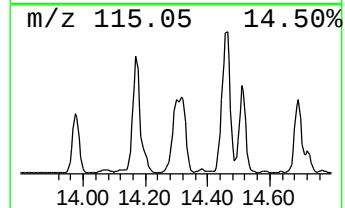
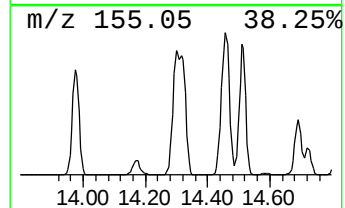
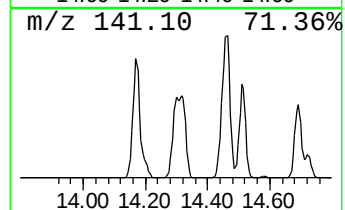
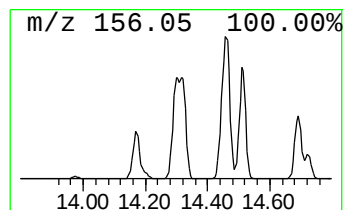
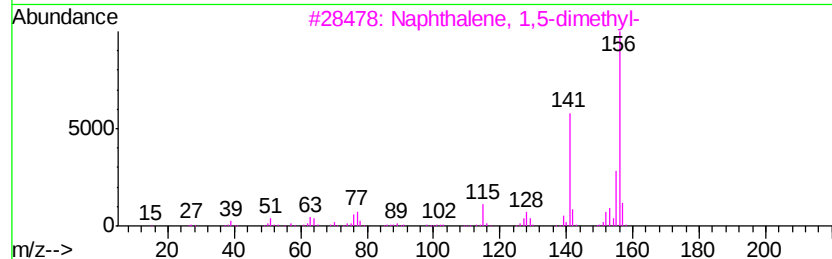
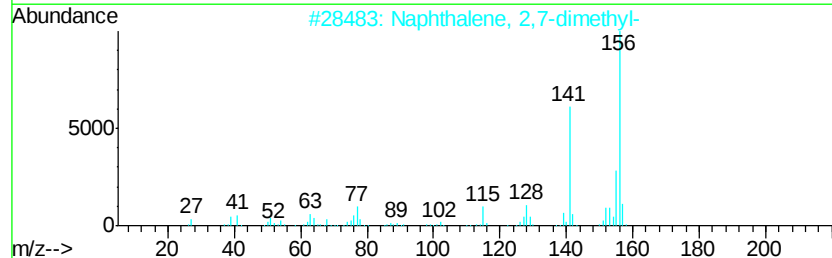
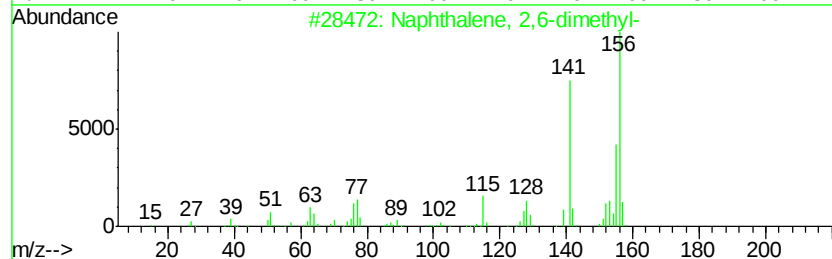
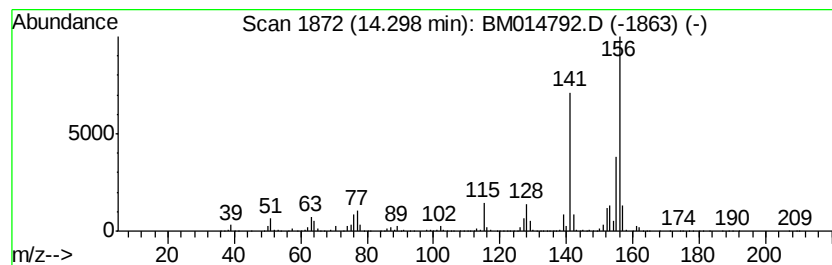
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	27.14 ng/ul	15348300	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014792.D
Acq On : 24 Apr 2018 00:52
Operator : SJ/JU
Sample : J2431-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP5

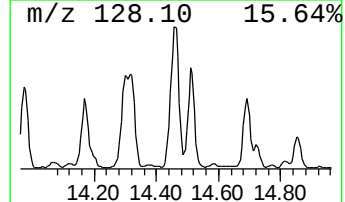
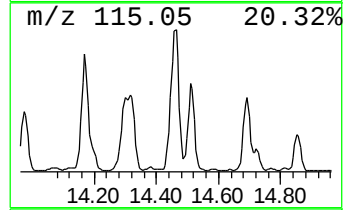
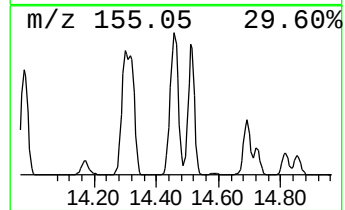
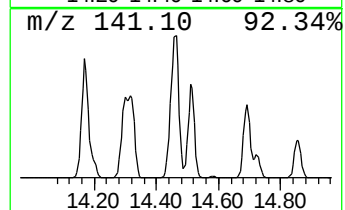
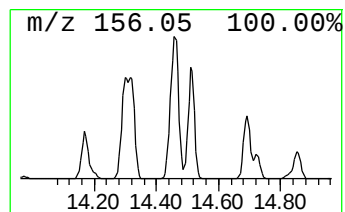
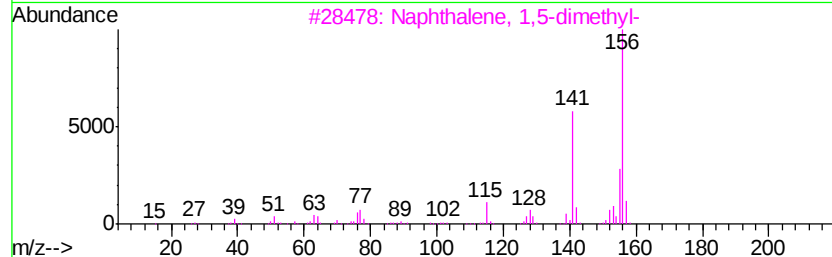
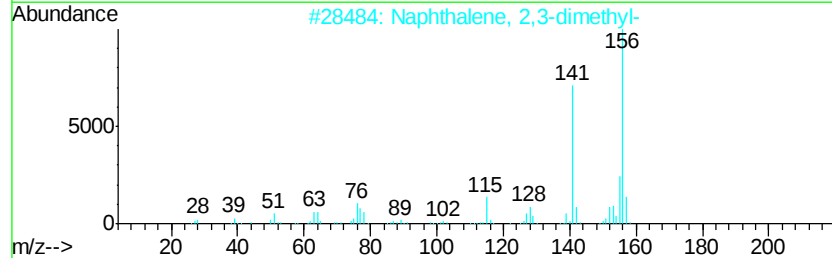
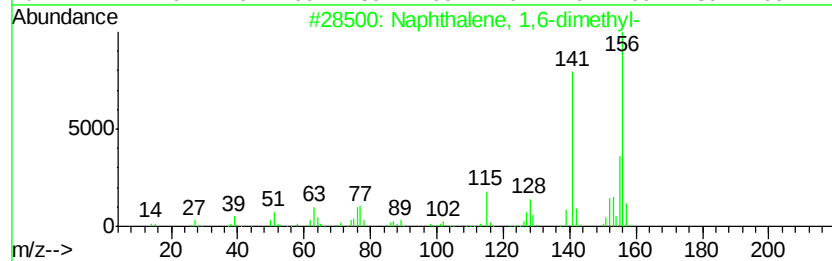
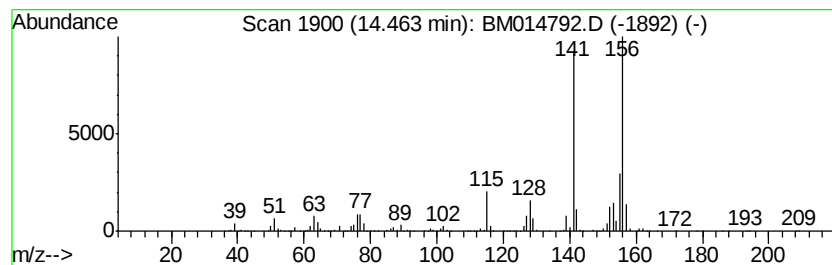
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	45.12 ng/ul	25520300	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014792.D
Acq On : 24 Apr 2018 00:52
Operator : SJ/JU
Sample : J2431-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP5

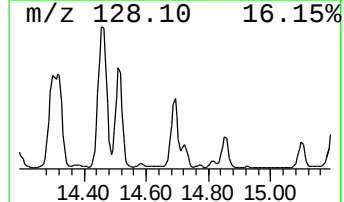
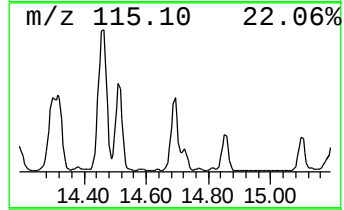
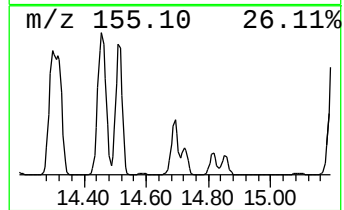
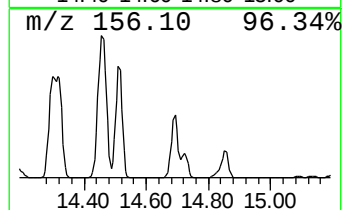
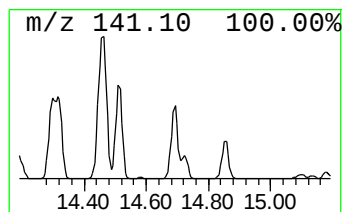
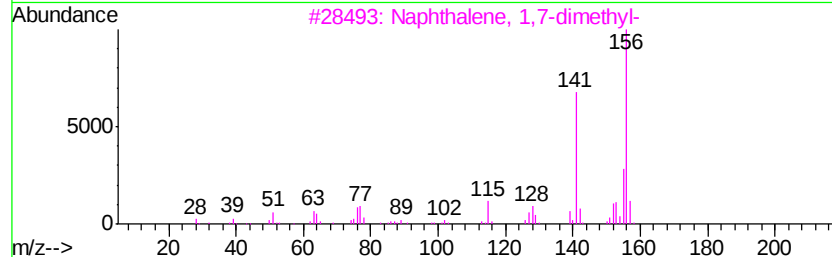
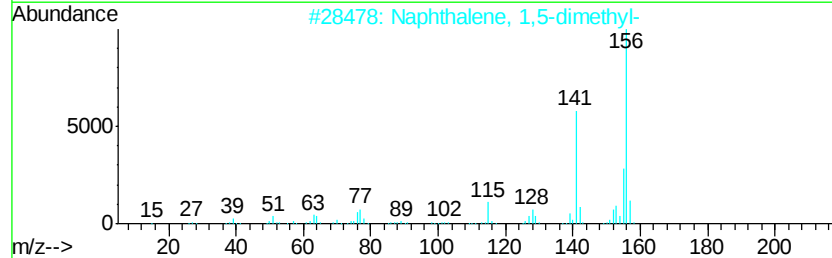
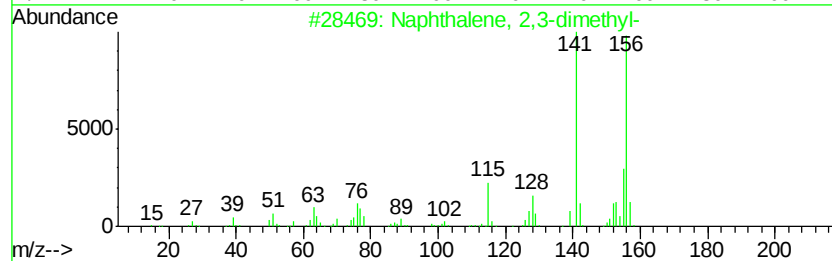
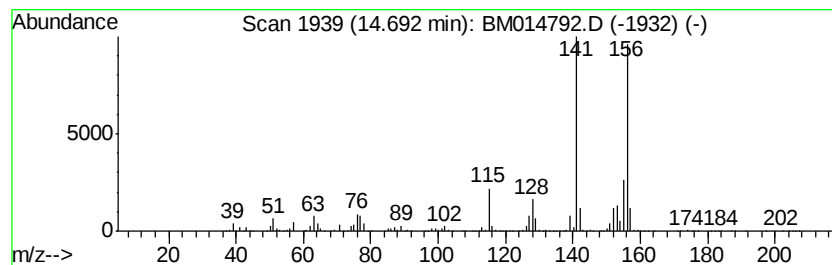
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Naphthalene, 2,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	17.46 ng/ul	9874780	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014792.D
Acq On : 24 Apr 2018 00:52
Operator : SJ/JU
Sample : J2431-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP5

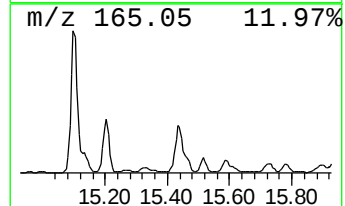
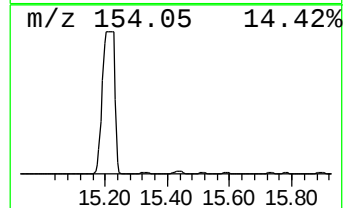
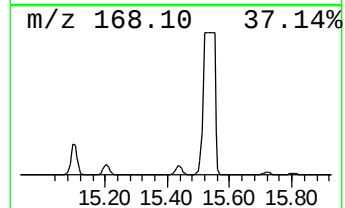
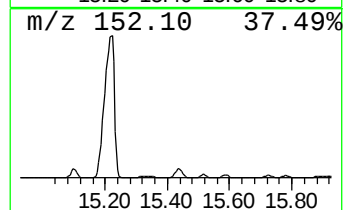
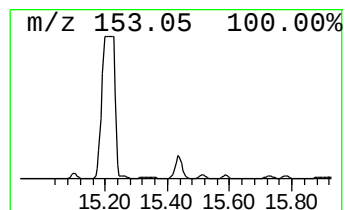
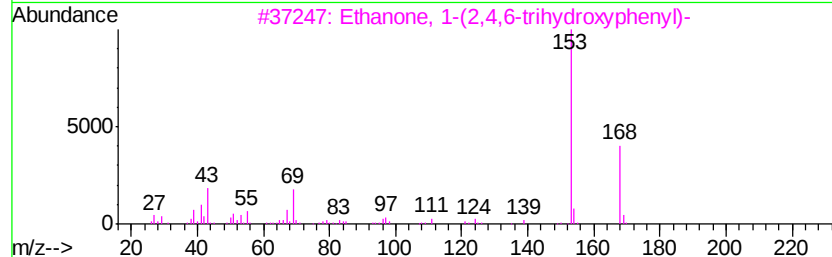
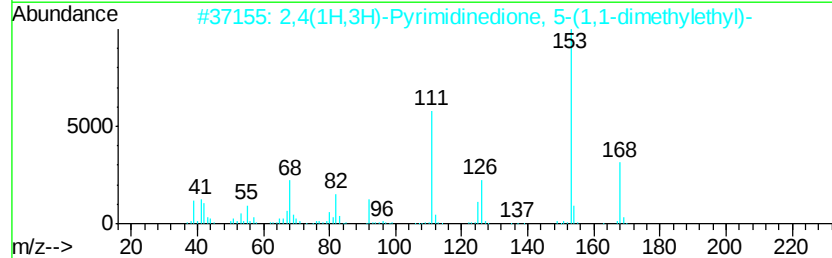
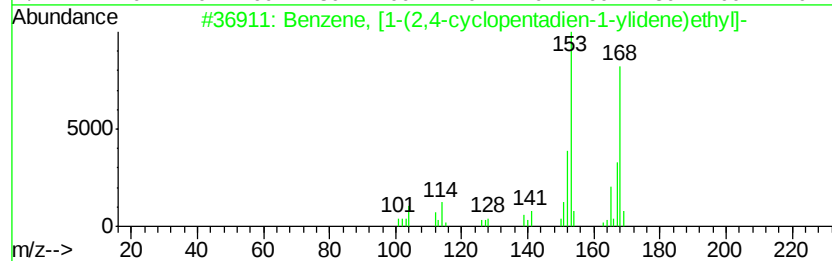
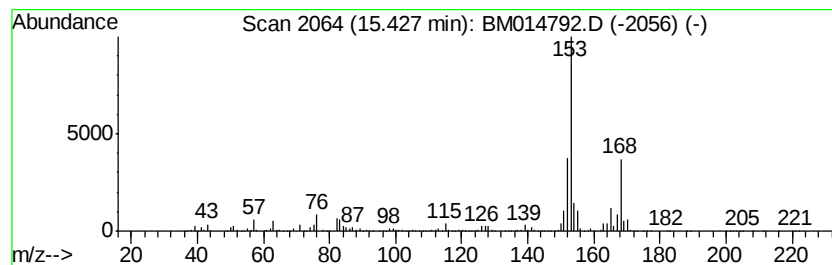
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Benzene, [1-(2,4-cyclopenta... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	16.68 ng/ul	9430650	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	56
2		2,4(1H,3H)-Pyrimidinedione, 5-(1...	168	C8H12N2O2	017432-97-2	53
3		Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
4		Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
5		Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014792.D
Acq On : 24 Apr 2018 00:52
Operator : SJ/JU
Sample : J2431-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP5

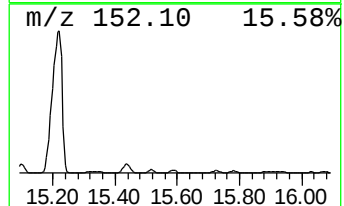
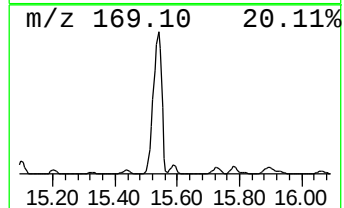
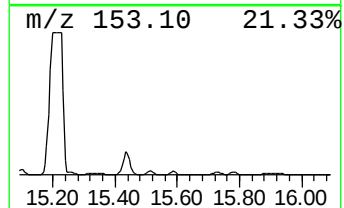
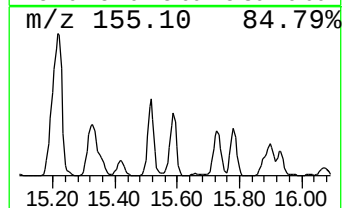
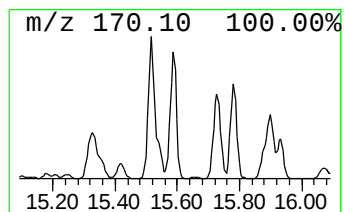
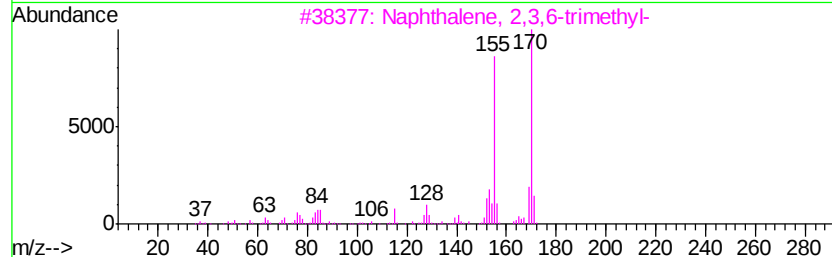
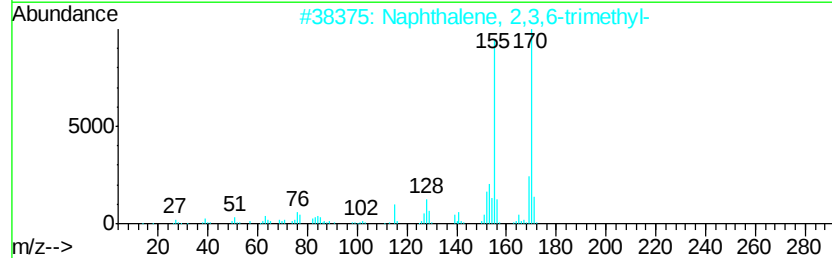
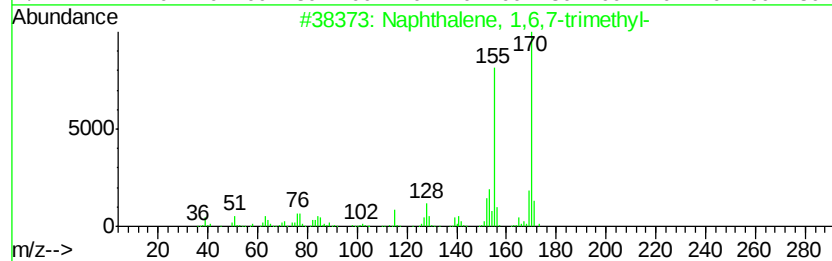
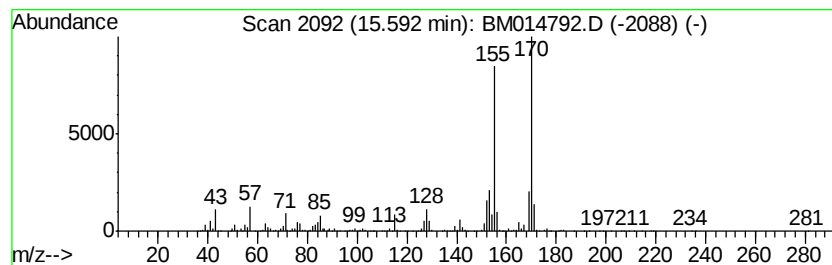
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Naphthalene, 1,6,7-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	9.97 ng/ul	5639190	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014792.D
Acq On : 24 Apr 2018 00:52
Operator : SJ/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP5

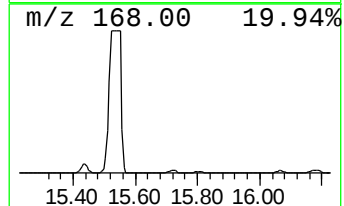
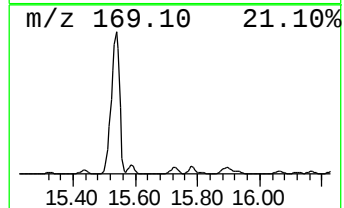
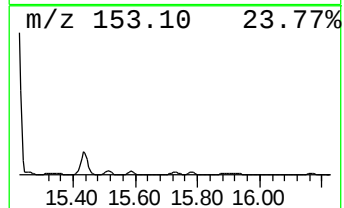
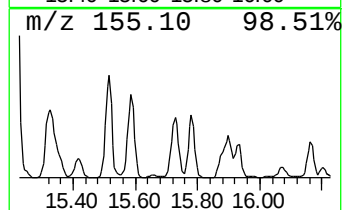
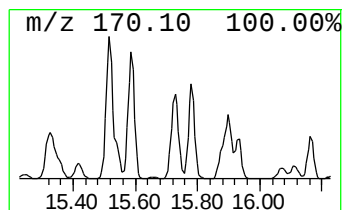
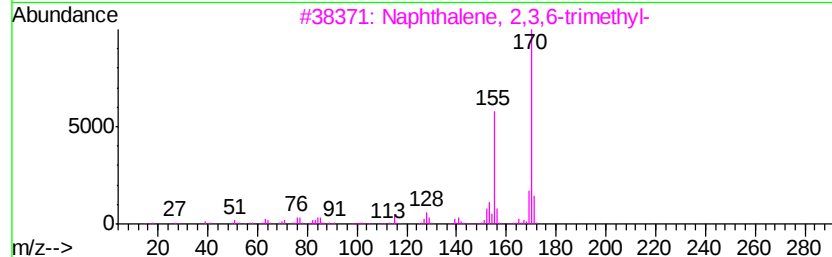
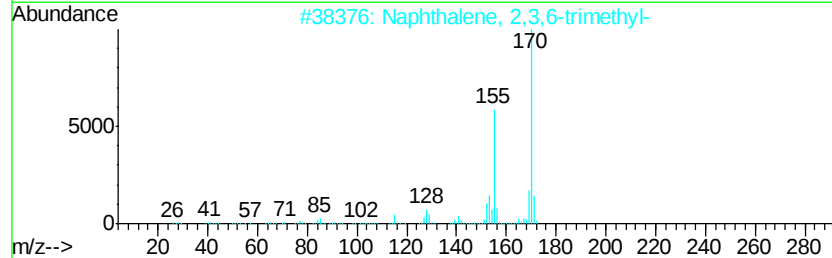
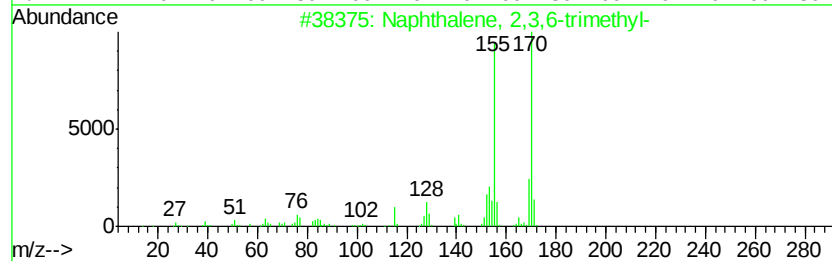
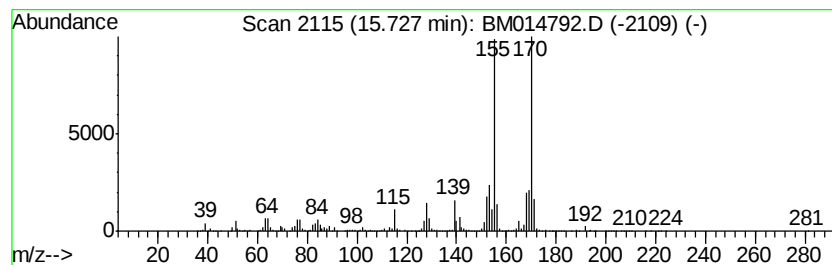
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Naphthalene, 2,3,6-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	9.64 ng/ul	5450370	Acenaphthene-d10	15.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014792.D
Acq On : 24 Apr 2018 00:52
Operator : SJ/JU
Sample : J2431-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP5

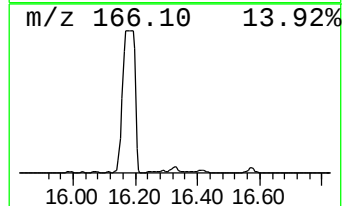
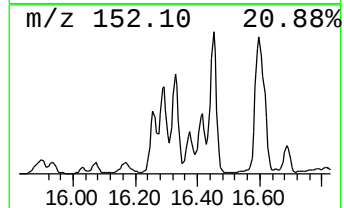
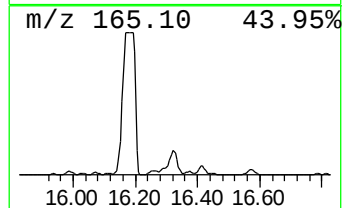
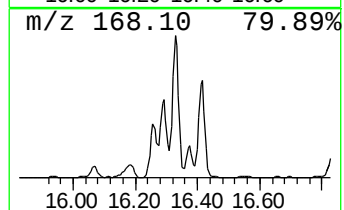
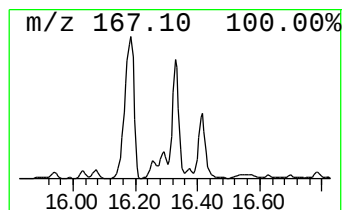
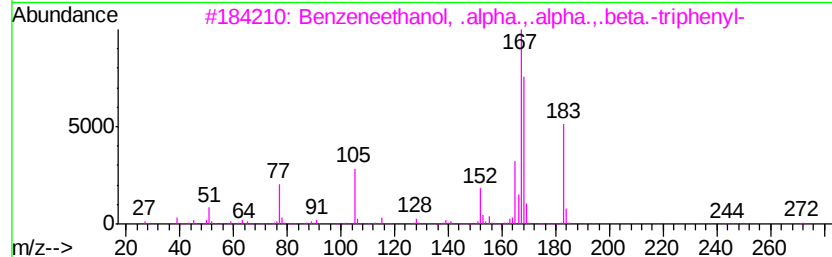
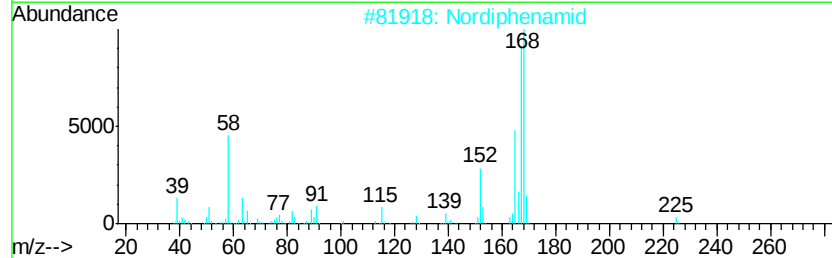
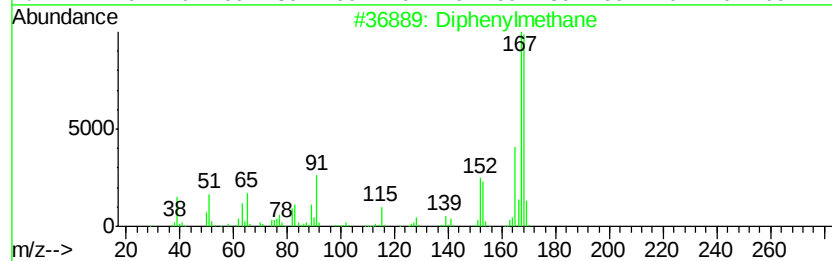
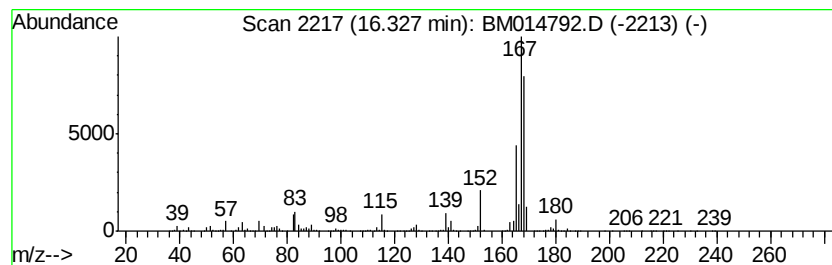
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Diphenylmethane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	32.90 ng/ul	18609500	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diphenylmethane	168	C13H12	000101-81-5	90
2		Nordiphenamid	225	C15H15NO	000954-21-2	83
3		Benzeneethanol, .alpha...alpha....	350	C26H22O	000981-24-8	83
4		Diphenylmethane	168	C13H12	000101-81-5	76
5		Diphenylmethane	168	C13H12	000101-81-5	74



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014792.D
Acq On : 24 Apr 2018 00:52
Operator : SJ/JU
Sample : J2431-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP5

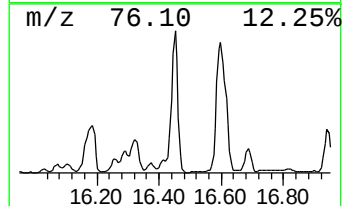
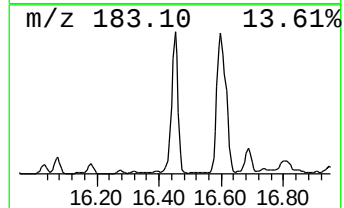
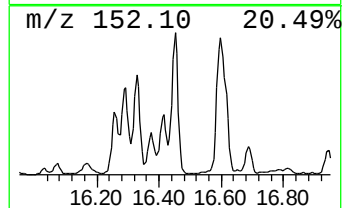
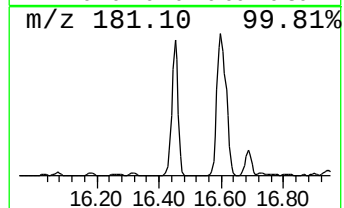
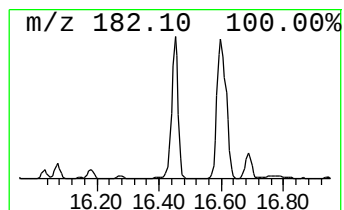
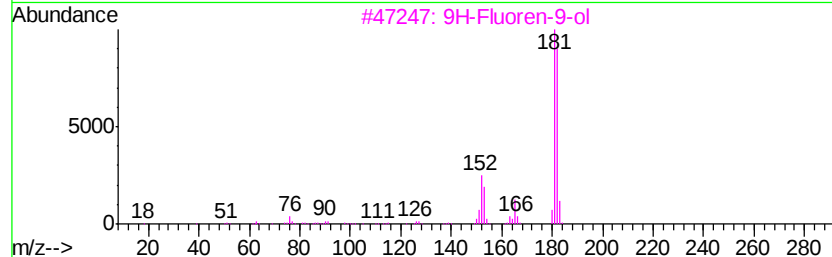
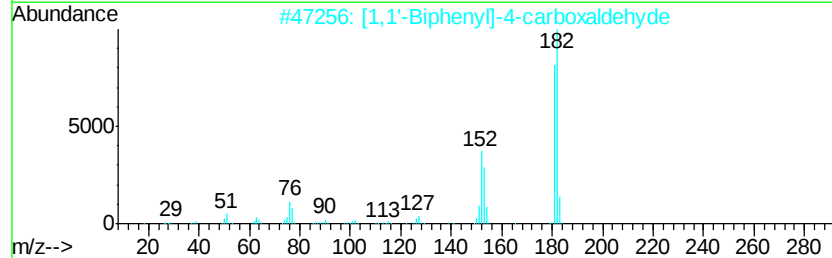
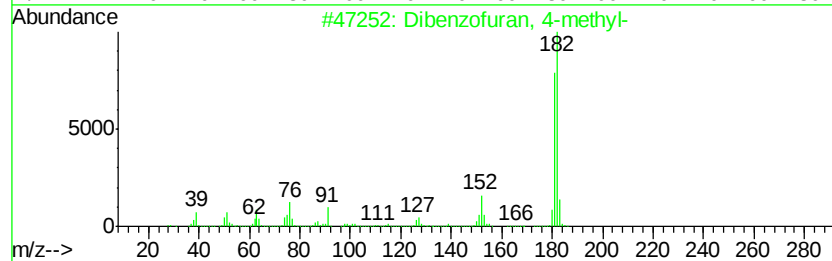
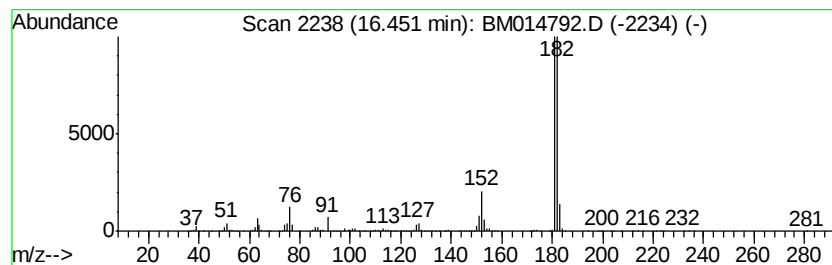
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 Dibenzofuran, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	33.29 ng/ul	18829400	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
 Data File : BM014792.D
 Acq On : 24 Apr 2018 00:52
 Operator : SJ/JU
 Sample : J2431-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
(DEL) Alkane: Str...	7.47	12.7	ng/ul	6544100	1	8.53	10296400	20.0
(DEL) Alkane: Str...	8.12	10.7	ng/ul	5529730	1	8.53	10296400	20.0
Benzene, 1-methyl...	8.66	67.6	ng/ul	34787100	1	8.53	10296400	20.0
(DEL) Alkane: Str...	9.04	15.9	ng/ul	8192060	1	8.53	10296400	20.0
(DEL) Alkane: Str...	9.10	13.1	ng/ul	6756160	1	8.53	10296400	20.0
Benzene, 1,3-diet...	9.17	38.3	ng/ul	19707700	1	8.53	10296400	20.0
(DEL) Alkane: Str...	9.28	14.1	ng/ul	7255500	1	8.53	10296400	20.0
Benzene, 2-ethyl-...	9.49	12.5	ng/ul	6426480	1	8.53	10296400	20.0
o-Cymene	9.55	17.8	ng/ul	9158590	1	8.53	10296400	20.0
2-Methylindan-2-ol	9.89	19.8	ng/ul	10187600	1	8.53	10296400	20.0
Benzene, 1,2,4,5-...	10.17	42.2	ng/ul	17443100	2	11.37	8260020	20.0
Benzene, 1-methyl...	10.55	35.5	ng/ul	14667800	2	11.37	8260020	20.0
1H-Indene, 2,3-di...	10.61	37.1	ng/ul	15337000	2	11.37	8260020	20.0
2-(p-Tolyl)ethyla...	10.70	27.1	ng/ul	11184600	2	11.37	8260020	20.0
Benzene, 2-etheny...	10.76	57.3	ng/ul	23651800	2	11.37	8260020	20.0
Naphthalene, 1-me...	13.22	103.9	ng/ul	42917600	2	11.37	8260020	20.0
Naphthalene, 1-et...	14.17	21.7	ng/ul	12258000	3	15.13	11311100	20.0
Naphthalene, 2,6-...	14.30	27.1	ng/ul	15348300	3	15.13	11311100	20.0
Naphthalene, 1,6-...	14.46	45.1	ng/ul	25520300	3	15.13	11311100	20.0
Naphthalene, 2,3-...	14.69	17.5	ng/ul	9874780	3	15.13	11311100	20.0
Benzene, [1-(2,4-...	15.43	16.7	ng/ul	9430650	3	15.13	11311100	20.0
Naphthalene, 1,6,...	15.59	10.0	ng/ul	5639190	3	15.13	11311100	20.0
Naphthalene, 2,3,...	15.73	9.6	ng/ul	5450370	3	15.13	11311100	20.0
Diphenylmethane	16.33	32.9	ng/ul	18609500	3	15.13	11311100	20.0
Dibenzofuran, 4-m...	16.45	33.3	ng/ul	18829400	3	15.13	11311100	20.0