

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005580.D
 Acq On : 22 May 2016 09:04
 Operator : UM/SJ
 Sample : H2890-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT2

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\SOM02.2-EPA-BM052016.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	2.651	7	11	27	rVB3	56614	138318	4.52%	0.227%
2	3.569	158	167	176	rBV	103726	185382	6.06%	0.304%
3	4.045	239	248	259	rVB	287957	415402	13.58%	0.681%
4	4.381	296	305	311	rVB2	67422	148979	4.87%	0.244%
5	5.040	412	417	423	rBV	129138	195151	6.38%	0.320%
6	5.198	439	444	453	rVB	91691	136591	4.47%	0.224%
7	5.481	486	492	500	rVV	333418	598011	19.55%	0.981%
8	5.851	548	555	564	rVV	411620	678551	22.18%	1.113%
9	6.328	627	636	642	rBV4	69156	168896	5.52%	0.277%
10	6.498	661	665	673	rVB	110682	179828	5.88%	0.295%
11	6.916	732	736	741	rVV	79710	117251	3.83%	0.192%
12	6.998	741	750	756	rVV2	265821	585128	19.13%	0.960%
13	7.163	771	778	782	rBV	226073	364348	11.91%	0.598%
14	7.216	782	787	795	rVB2	112041	186293	6.09%	0.306%
15	7.363	806	812	821	rVV	291821	488092	15.96%	0.801%
16	7.445	821	826	828	rVV	154730	225568	7.37%	0.370%
17	7.475	828	831	840	rVB	230520	329314	10.77%	0.540%
18	7.828	880	891	905	rVV2	433163	914237	29.89%	1.500%
19	7.939	905	910	917	rVV2	145914	245526	8.03%	0.403%
20	8.469	993	1000	1005	rBV4	71504	149786	4.90%	0.246%
21	8.533	1005	1011	1017	rVB	304196	490454	16.03%	0.804%
22	8.980	1081	1087	1092	rVV	273112	481970	15.76%	0.791%
23	9.045	1092	1098	1108	rVB	235188	398638	13.03%	0.654%
24	9.698	1202	1209	1221	rBV	244509	481694	15.75%	0.790%
25	10.039	1259	1267	1272	rBV5	77272	189322	6.19%	0.311%
26	10.239	1296	1301	1308	rVB	336767	606658	19.83%	0.995%
27	10.586	1354	1360	1362	rBV	355672	549409	17.96%	0.901%
28	10.616	1362	1365	1369	rVV	560228	896631	29.31%	1.471%
29	10.669	1369	1374	1381	rVV	605772	1030436	33.69%	1.690%
30	10.763	1381	1390	1399	rVB2	178217	457458	14.95%	0.750%
31	11.527	1512	1520	1526	rVB3	82934	151960	4.97%	0.249%
32	11.633	1533	1538	1544	rVV	271709	427661	13.98%	0.701%
33	12.033	1600	1606	1616	rVB	585292	852029	27.85%	1.398%
34	12.280	1633	1648	1656	rVB	894271	1539426	50.32%	2.525%

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35	12.498	1679	1685	1693	rVB	642251	999365	32.67%	1.639%
36	12.992	1763	1769	1774	rVB	241216	358726	11.73%	0.588%
37	13.280	1811	1818	1824	rBV2	405903	636694	20.81%	1.044%
38	13.486	1848	1853	1856	rBV	106318	181723	5.94%	0.298%
39	13.621	1868	1876	1877	rBV	210046	325644	10.65%	0.534%
40	13.780	1897	1903	1908	rVV	418268	758619	24.80%	1.244%
41	13.833	1908	1912	1915	rVV	406192	647493	21.17%	1.062%
42	13.868	1915	1918	1922	rVV	611372	845105	27.63%	1.386%
43	13.915	1922	1926	1927	rVV	244548	320693	10.48%	0.526%
44	13.939	1927	1930	1934	rVV	473221	647079	21.15%	1.061%
45	14.015	1939	1943	1947	rVV	313231	497486	16.26%	0.816%
46	14.051	1947	1949	1954	rVB2	120601	148761	4.86%	0.244%
47	14.151	1960	1966	1978	rVB	733833	1325958	43.35%	2.175%
48	14.357	1995	2001	2008	rVB	382633	514882	16.83%	0.845%
49	14.457	2008	2018	2024	rBV3	771442	1439366	47.05%	2.361%
50	14.668	2048	2054	2061	rBV	199654	415176	13.57%	0.681%
51	14.751	2061	2068	2072	rBV3	99002	202316	6.61%	0.332%
52	14.857	2081	2086	2093	rVB	338460	514225	16.81%	0.843%
53	14.933	2093	2099	2103	rVV	137634	219154	7.16%	0.359%
54	14.974	2103	2106	2115	rVB6	88889	193008	6.31%	0.317%
55	15.080	2119	2124	2128	rVB2	142044	225249	7.36%	0.369%
56	15.127	2128	2132	2138	rBV	136404	186137	6.08%	0.305%
57	15.245	2145	2152	2156	rBV3	234631	462670	15.12%	0.759%
58	15.280	2156	2158	2159	rVV	118845	119871	3.92%	0.197%
59	15.304	2159	2162	2167	rVB	424521	546188	17.85%	0.896%
60	15.398	2167	2178	2181	rBV6	53476	170437	5.57%	0.280%
61	15.451	2181	2187	2191	rVV	867048	1269684	41.51%	2.083%
62	15.498	2191	2195	2200	rVV	449242	626444	20.48%	1.028%
63	15.568	2200	2207	2213	rVV5	135131	239302	7.82%	0.393%
64	15.709	2226	2231	2239	rVV2	319429	530450	17.34%	0.870%
65	15.798	2239	2246	2252	rVB	260302	454489	14.86%	0.745%
66	15.945	2263	2271	2279	rVB2	224328	537005	17.55%	0.881%
67	16.033	2279	2286	2294	rVB3	84183	214265	7.00%	0.351%
68	16.192	2304	2313	2319	rBV	1626700	3059035	100.00%	5.018%
69	16.503	2362	2366	2372	rVB2	148441	224834	7.35%	0.369%
70	16.745	2399	2407	2415	rBV3	280004	727845	23.79%	1.194%
71	16.856	2422	2426	2432	rBV2	87635	137949	4.51%	0.226%

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72	16.956	2435	2443	2448	rVV2	546236	893747	29.22%	1.466%
73	17.009	2449	2452	2463	rVB3	207739	400601	13.10%	0.657%
74	17.203	2479	2485	2489	rBV	941776	1437081	46.98%	2.357%
75	17.245	2489	2492	2496	rVV	694607	950504	31.07%	1.559%
76	17.303	2496	2502	2511	rVB2	850388	1466305	47.93%	2.405%
77	17.609	2550	2554	2562	rBV4	95376	231214	7.56%	0.379%
78	17.692	2564	2568	2579	rVB	573374	794825	25.98%	1.304%
79	18.074	2629	2633	2637	rBV	144051	258127	8.44%	0.423%
80	18.121	2638	2641	2648	rVB	274702	435627	14.24%	0.715%
81	18.262	2661	2665	2669	rVV3	209375	354567	11.59%	0.582%
82	18.303	2669	2672	2678	rVB	231974	355434	11.62%	0.583%
83	18.386	2681	2686	2690	rBV	532272	678304	22.17%	1.113%
84	18.580	2715	2719	2722	rBV	111296	162636	5.32%	0.267%
85	19.021	2786	2794	2802	rBV2	595627	969680	31.70%	1.591%
86	19.086	2802	2805	2809	rVB	129504	148512	4.85%	0.244%
87	19.256	2829	2834	2839	rBV	712986	1040561	34.02%	1.707%
88	19.592	2886	2891	2895	rBV3	1495384	2426877	79.33%	3.981%
89	19.944	2946	2951	2956	rBV7	241865	667710	21.83%	1.095%
90	20.133	2979	2983	2987	rBV	526744	636438	20.81%	1.044%
91	20.627	3063	3067	3071	rBV	562181	679088	22.20%	1.114%
92	20.862	3104	3107	3111	rBV	210489	300467	9.82%	0.493%
93	21.086	3142	3145	3150	rVB	901575	1126046	36.81%	1.847%
94	21.380	3190	3195	3199	rVB2	1383307	2337093	76.40%	3.833%
95	21.527	3216	3220	3227	rVB	649627	844603	27.61%	1.385%
96	21.968	3291	3295	3306	rVB	604221	879351	28.75%	1.442%
97	22.438	3372	3375	3380	rVB	371444	464016	15.17%	0.761%
98	22.962	3459	3464	3472	rBV2	519005	1474838	48.21%	2.419%
99	23.527	3555	3560	3565	rBV	697149	1327425	43.39%	2.177%
100	23.668	3579	3584	3590	rVB	695469	1297177	42.40%	2.128%

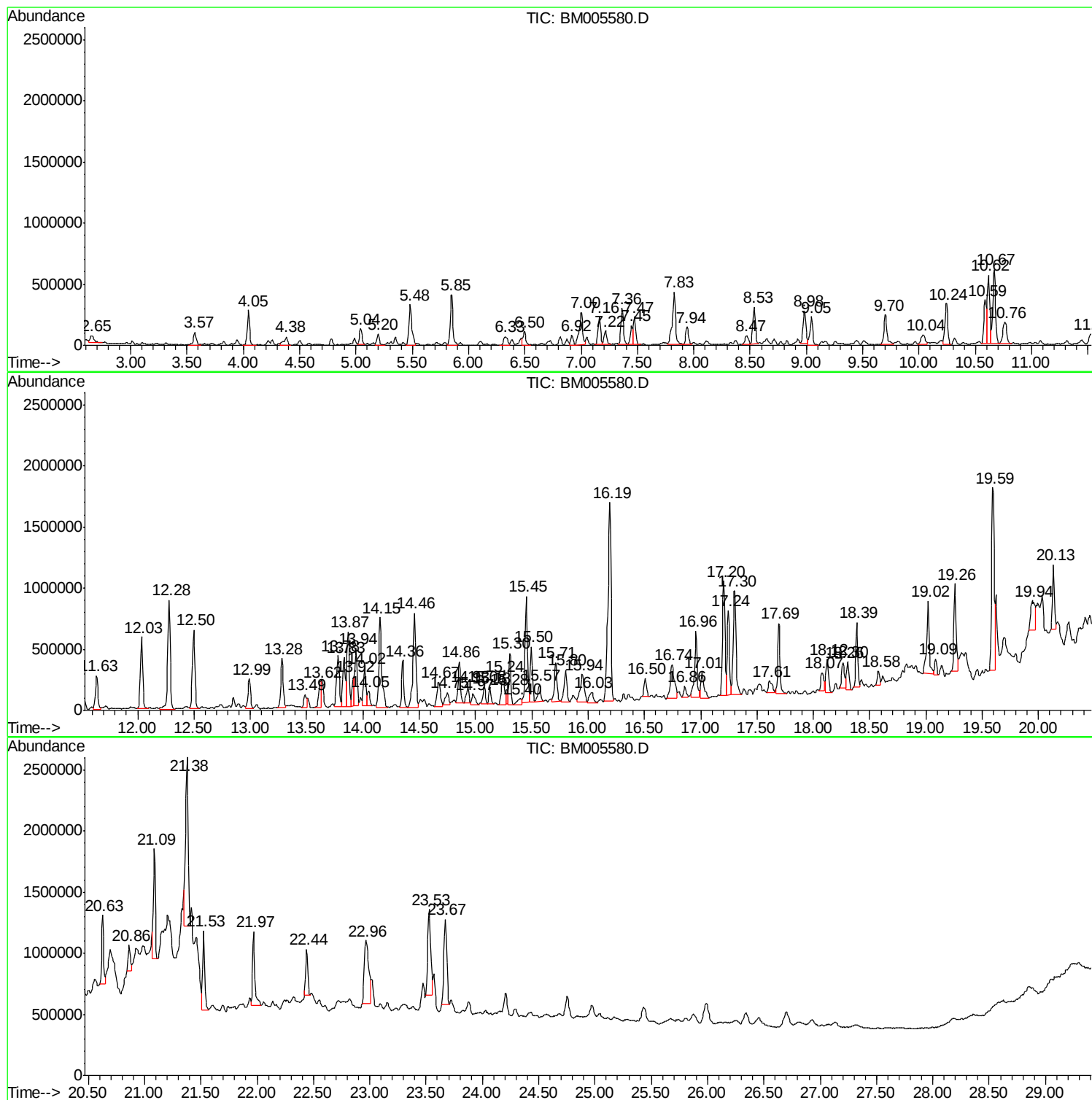
Sum of corrected areas: 60966579

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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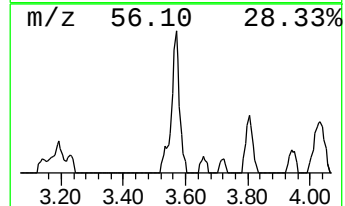
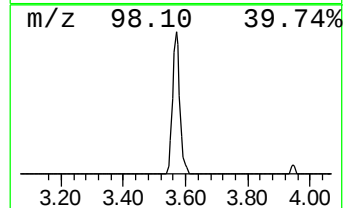
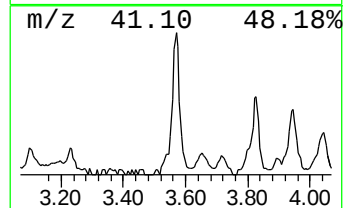
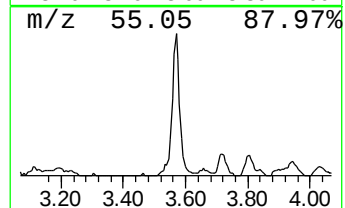
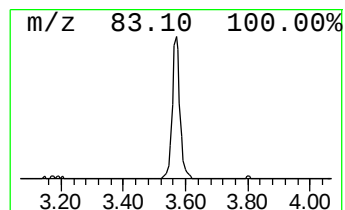
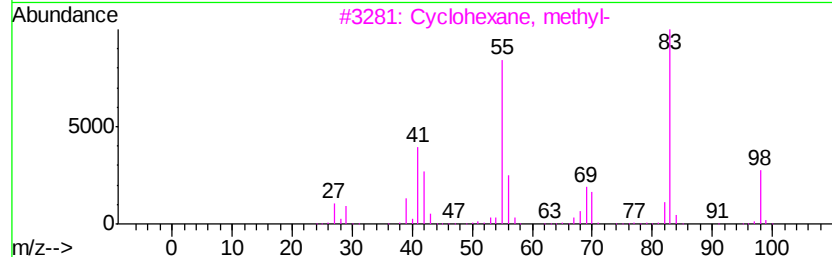
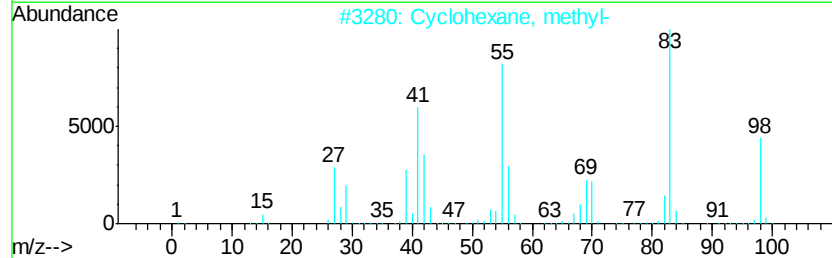
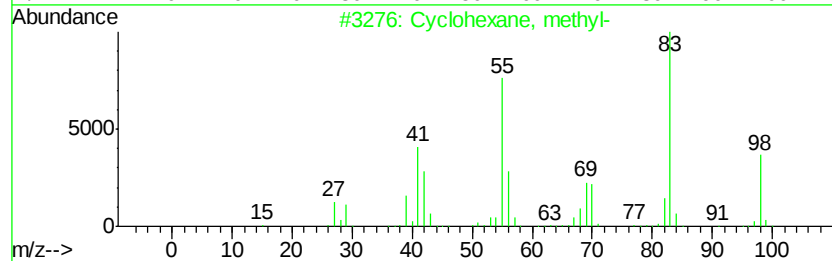
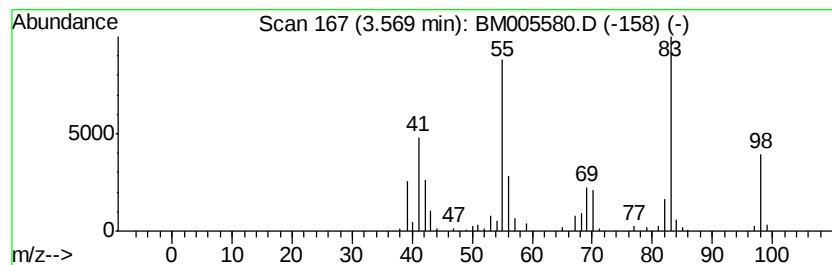
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic3.57 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	4.06 ng/ul	185382	1,4-Dichlorobenzene-d4	7.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methyl-	98	C7H14	000108-87-2	96
2			Cyclohexane, methyl-	98	C7H14	000108-87-2	95
3			Cyclohexane, methyl-	98	C7H14	000108-87-2	94
4			Cyclohexane, methyl-	98	C7H14	000108-87-2	90
5			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	58



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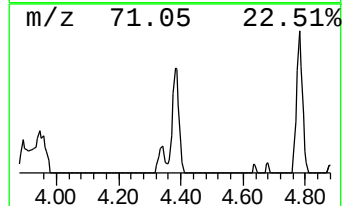
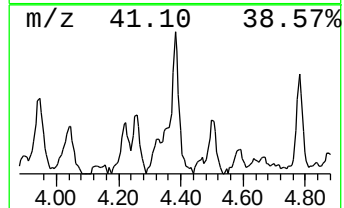
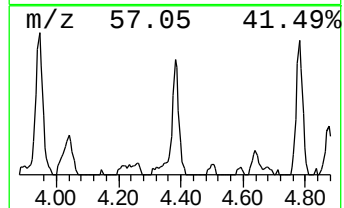
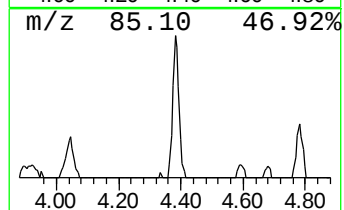
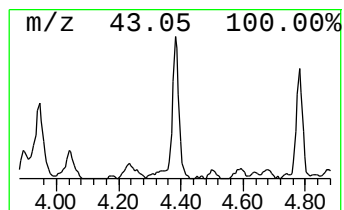
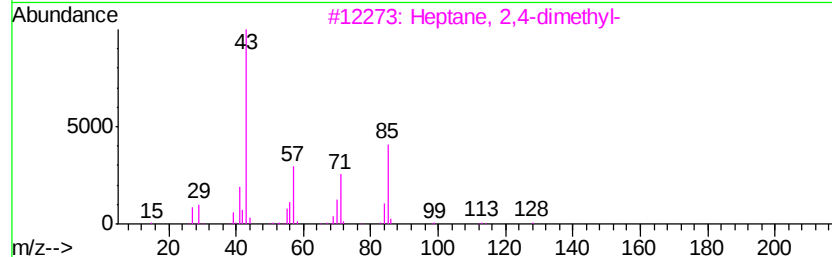
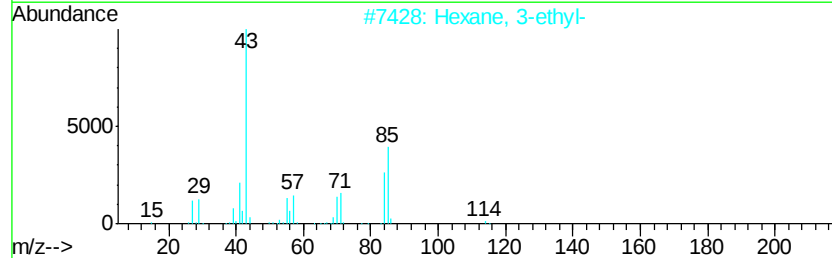
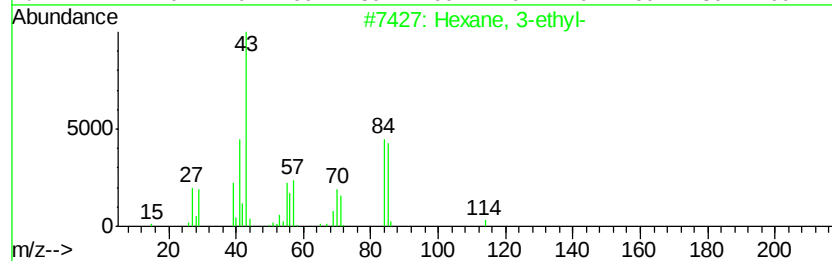
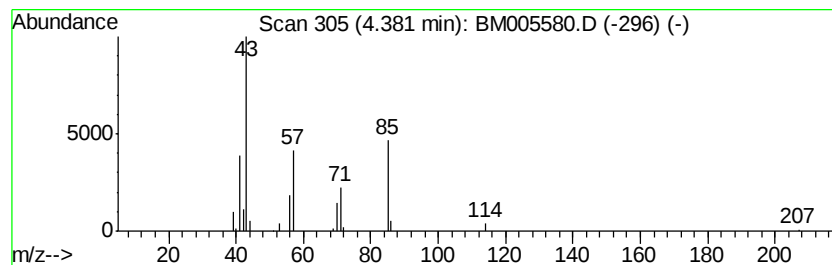
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	3.26 ng/ul	148979	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	80
2		Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	78
4		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	72
5		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	72



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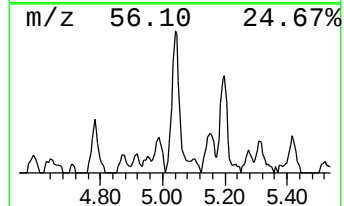
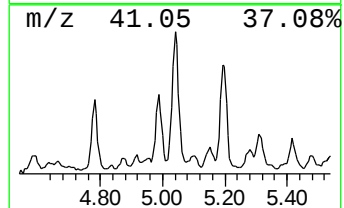
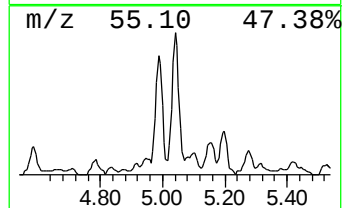
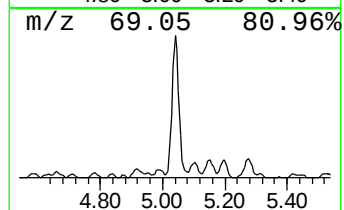
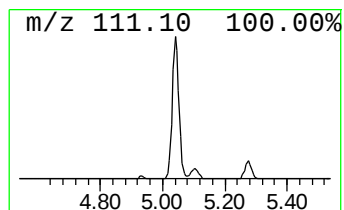
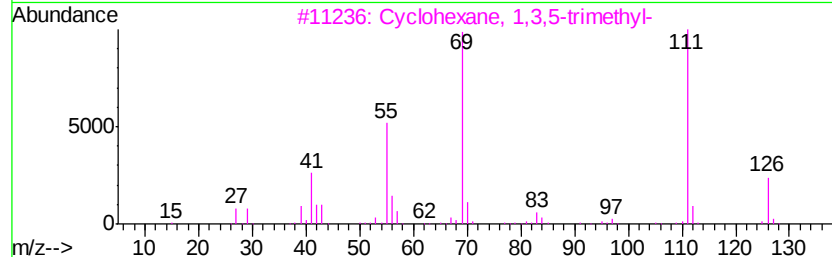
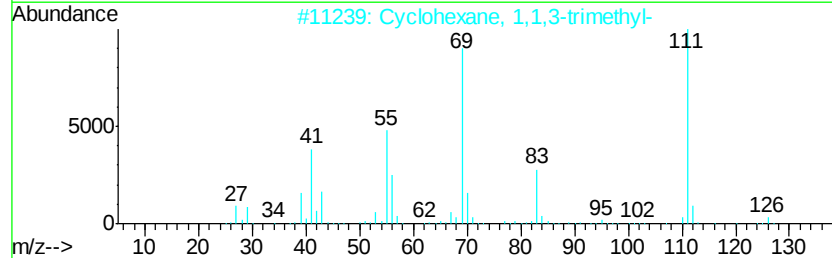
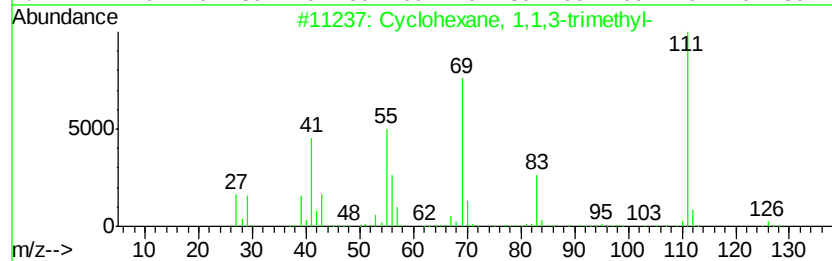
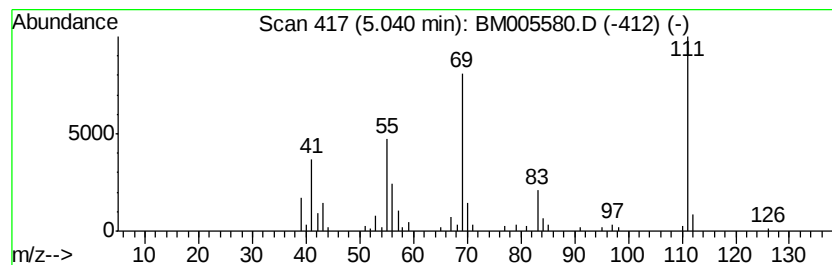
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Peak Number 5 (DEL) Alkane: Cyclic5.04 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	4.27 ng/ul	195151	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
4		2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	64
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

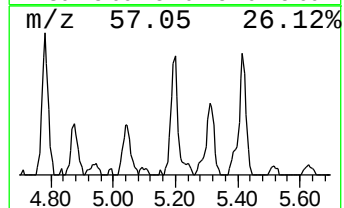
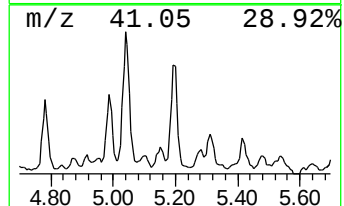
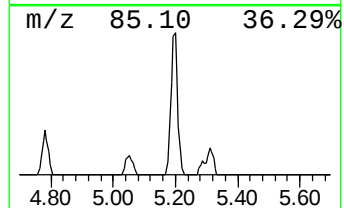
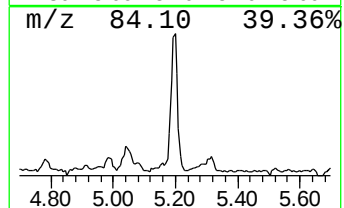
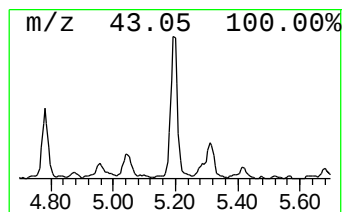
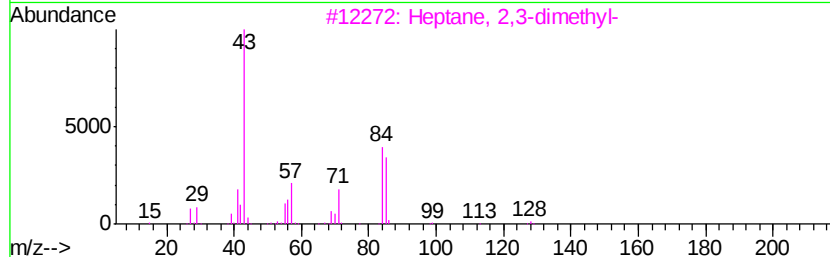
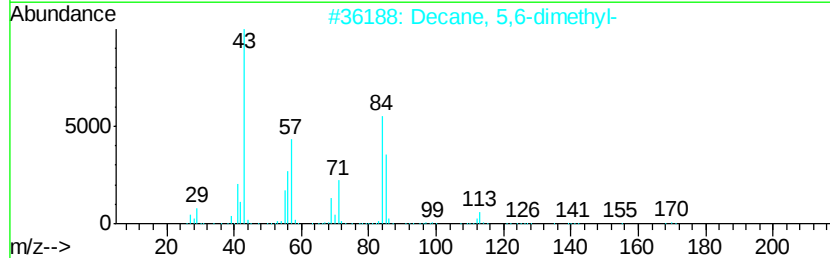
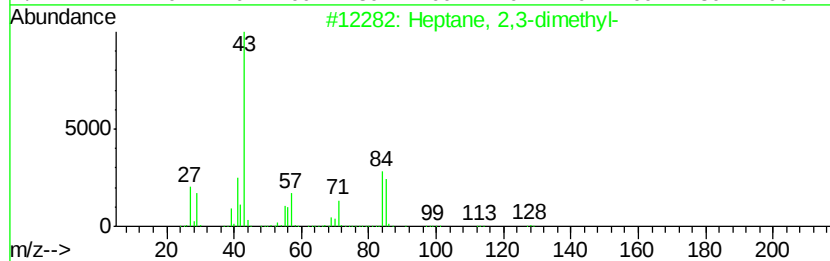
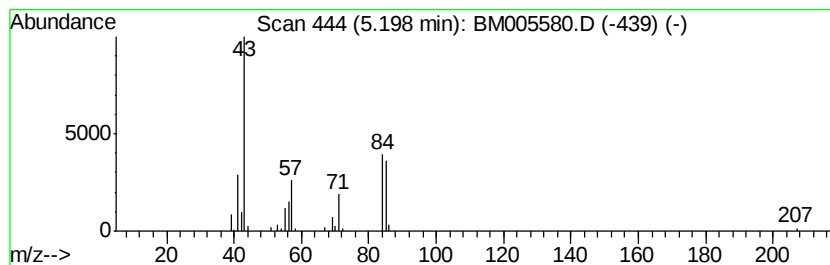
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	2.99 ng/ul	136591	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	90
2		Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	83
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
4		Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	83
5		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

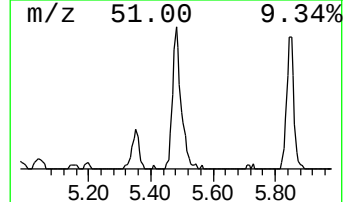
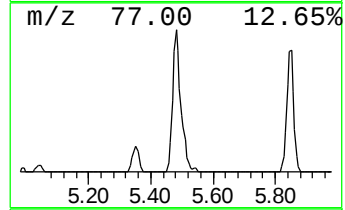
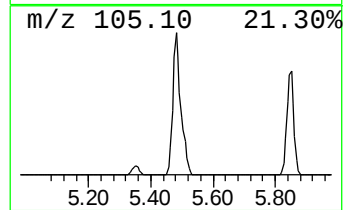
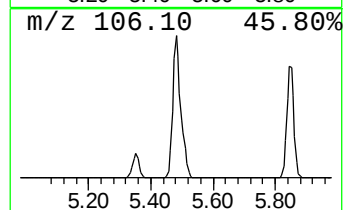
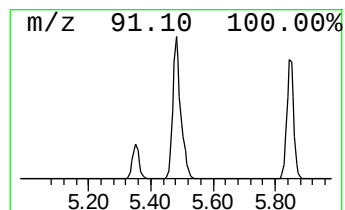
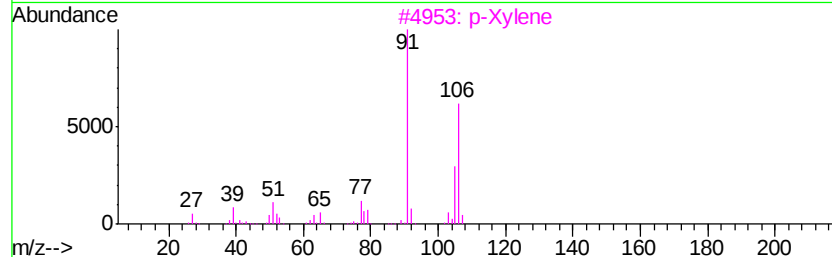
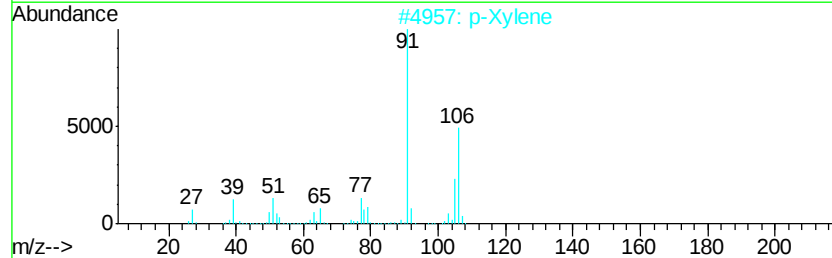
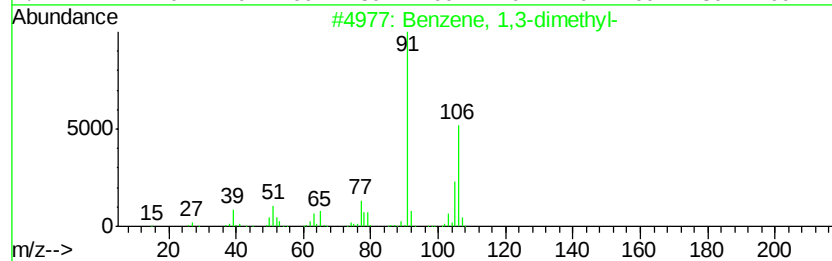
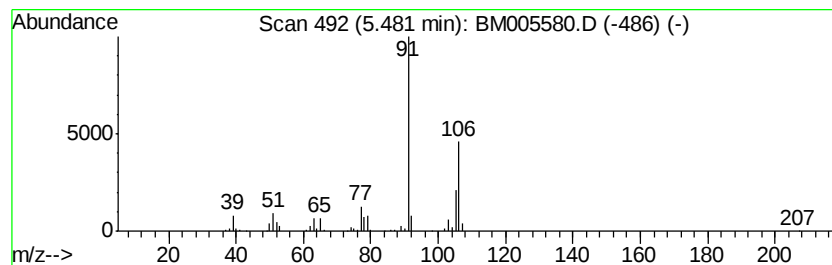
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	13.08 ng/ul	598011	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		p-Xylene	106	C8H10	000106-42-3	97
3		p-Xylene	106	C8H10	000106-42-3	97
4		o-Xylene	106	C8H10	000095-47-6	97
5		p-Xylene	106	C8H10	000106-42-3	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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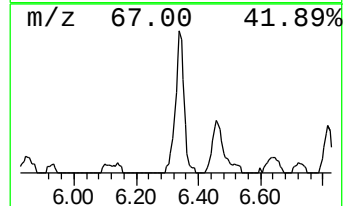
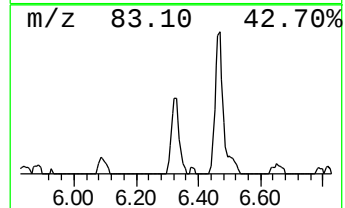
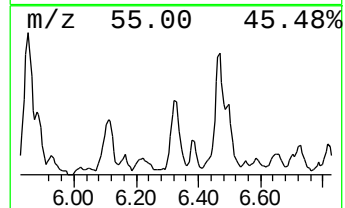
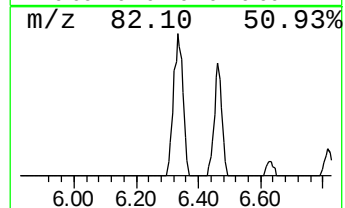
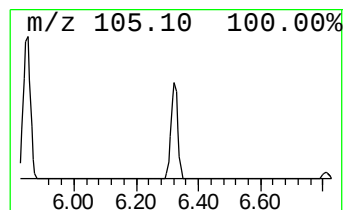
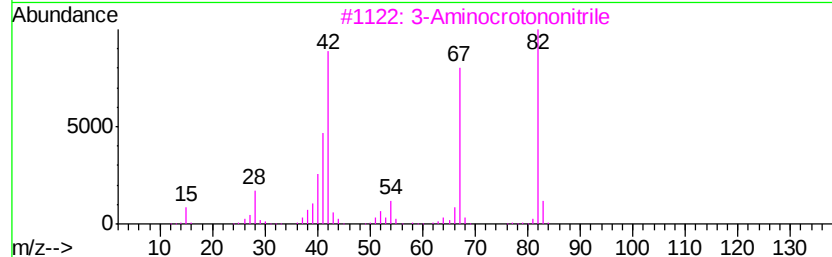
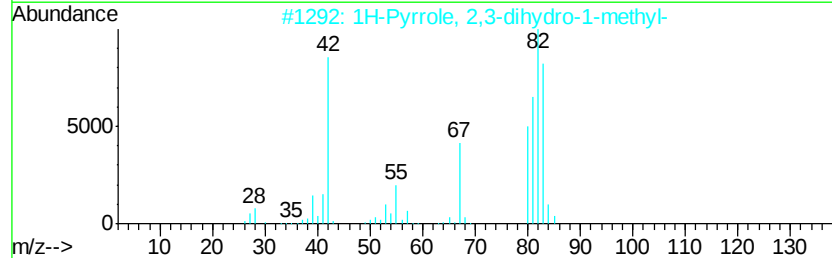
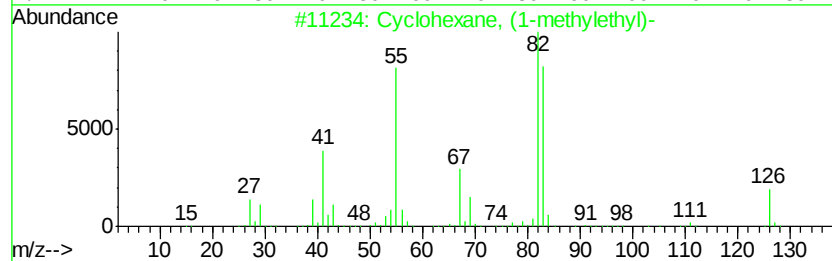
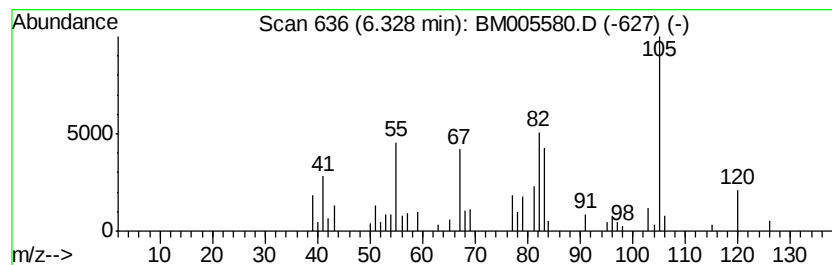
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic6.33 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	3.69 ng/ul	168896	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35
2		1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	32
3		3-Aminocrotononitrile	82	C4H6N2	001118-61-2	27
4		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	25
5		n-Heptadecylcyclohexane	322	C23H46	019781-73-8	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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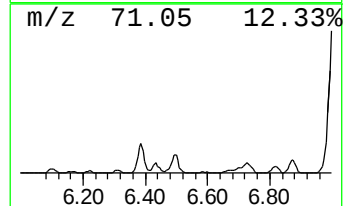
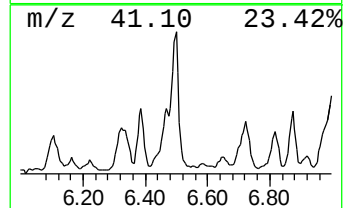
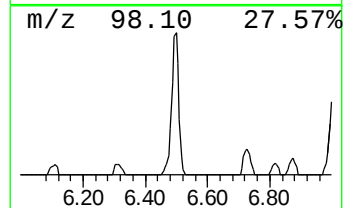
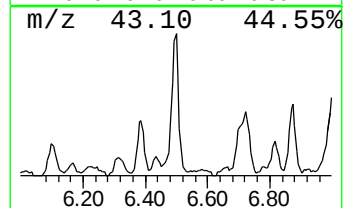
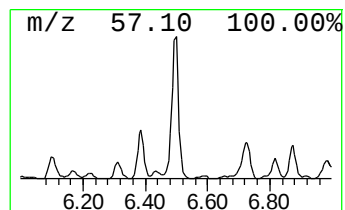
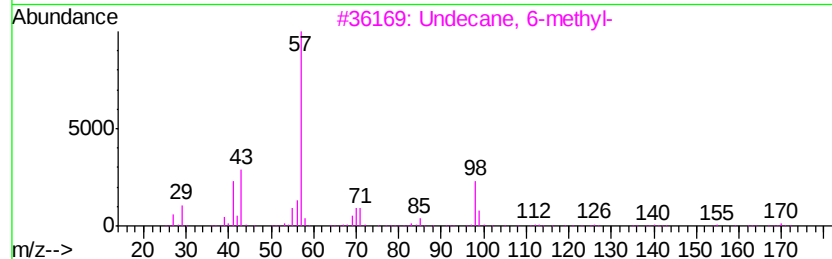
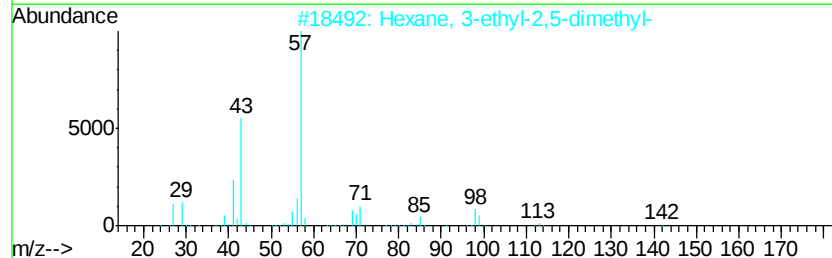
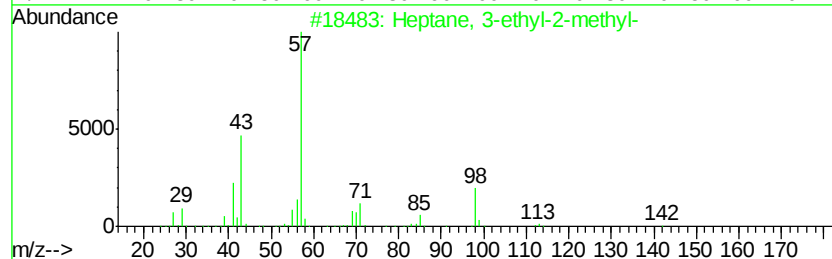
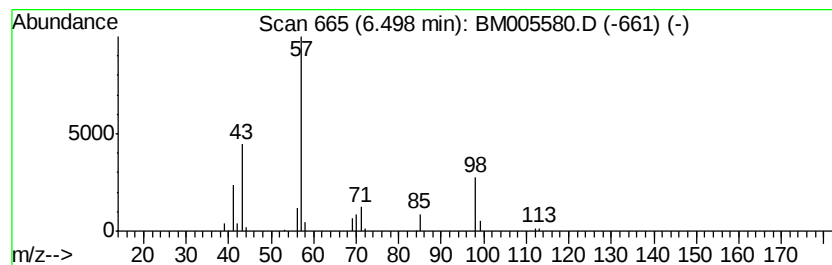
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	3.93 ng/ul	179828	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	59
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	56
5		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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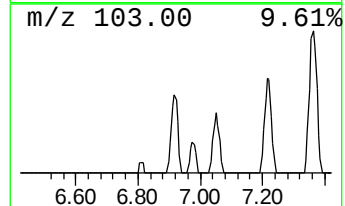
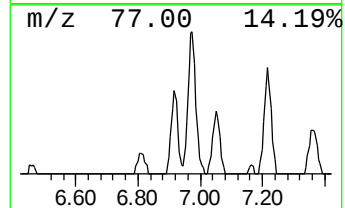
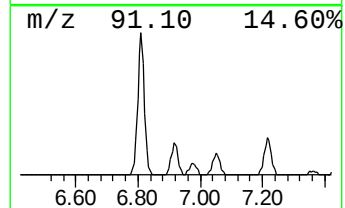
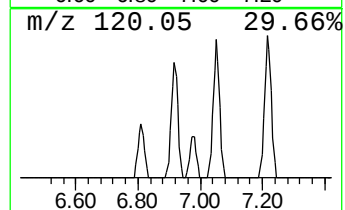
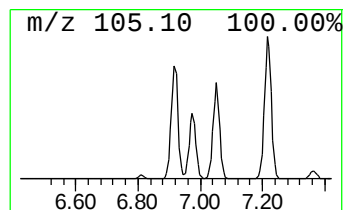
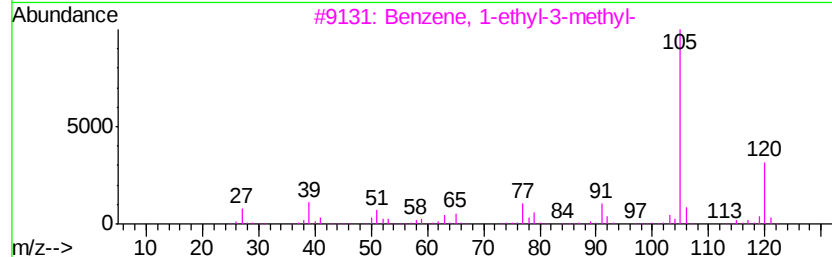
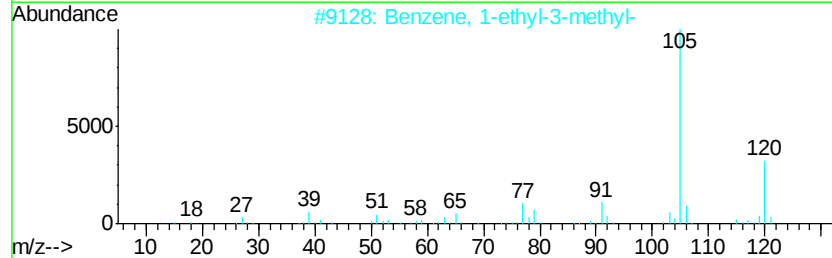
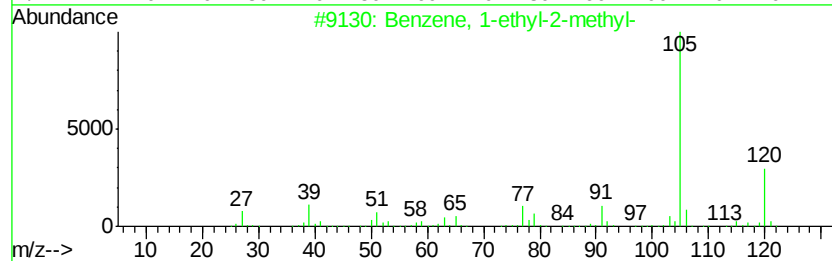
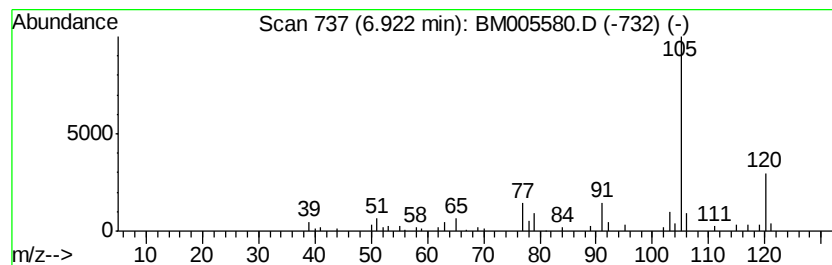
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	2.57 ng/ul	117251	1,4-Dichlorobenzene-d4	7.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

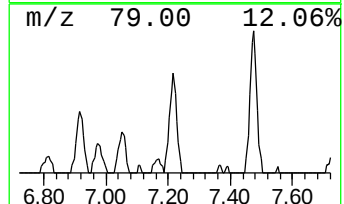
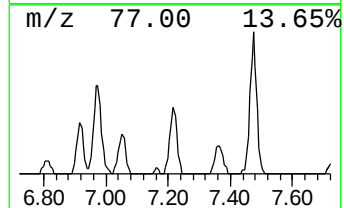
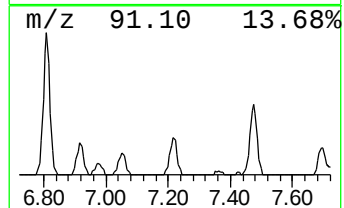
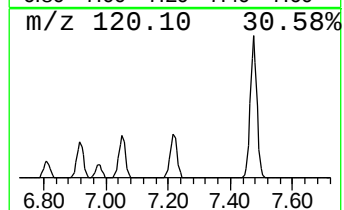
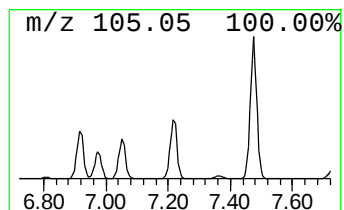
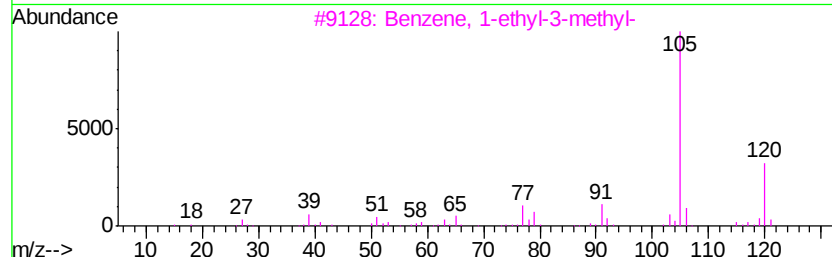
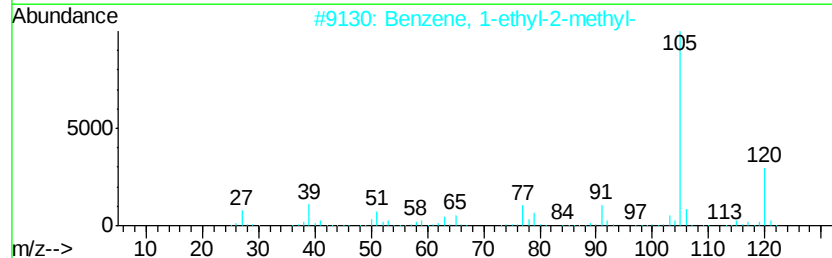
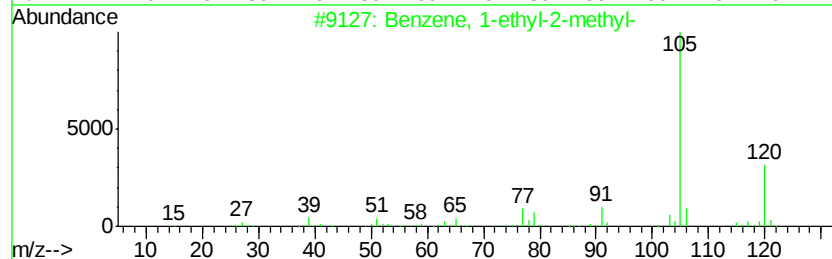
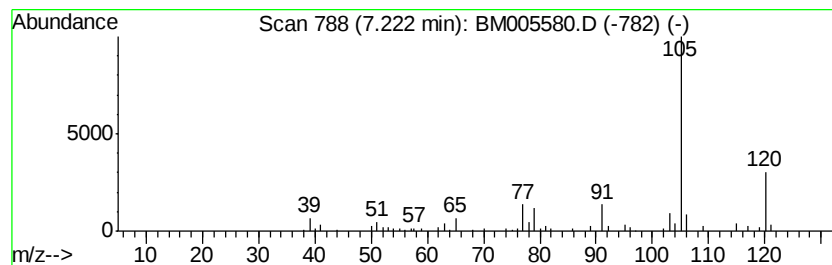
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	4.08 ng/ul	186293	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
D9WT2

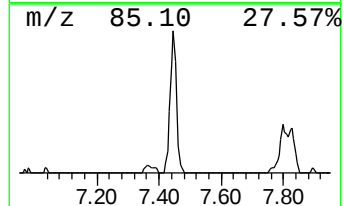
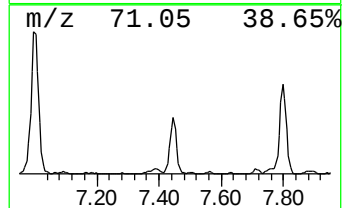
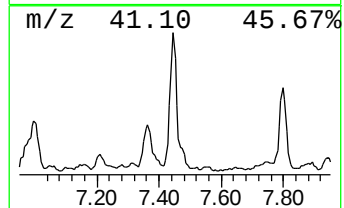
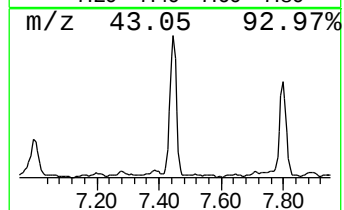
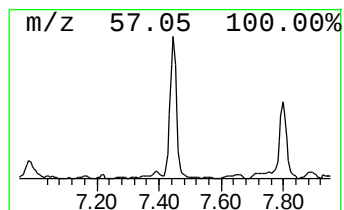
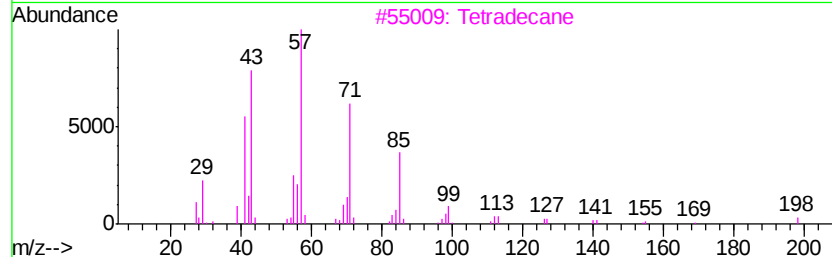
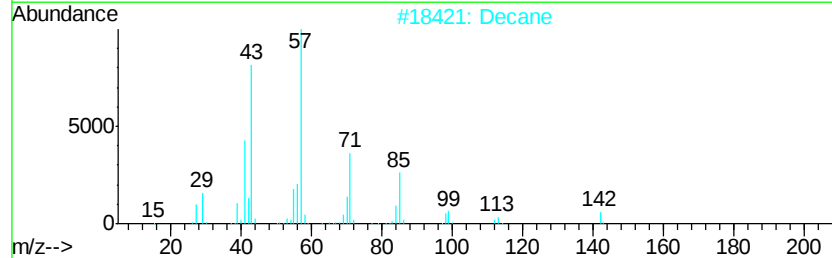
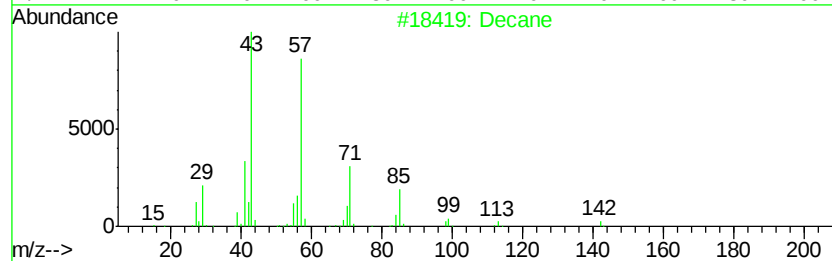
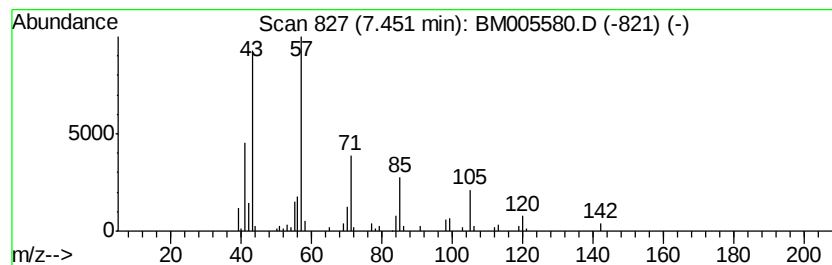
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.93 ng/ul	225568	1,4-Dichlorobenzene-d4	7.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	95
2	Decane			142	C10H22	000124-18-5	94
3	Tetradecane			198	C14H30	000629-59-4	90
4	Nonane			128	C9H20	000111-84-2	80
5	Tridecane			184	C13H28	000629-50-5	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

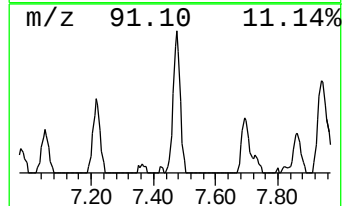
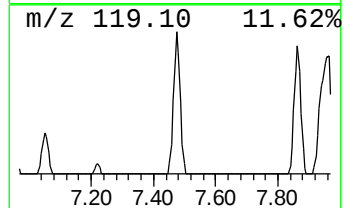
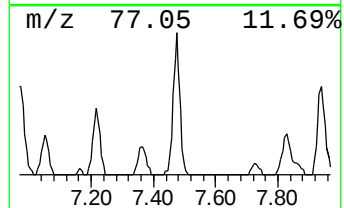
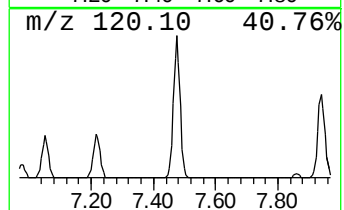
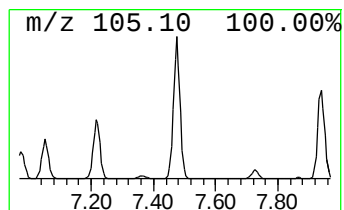
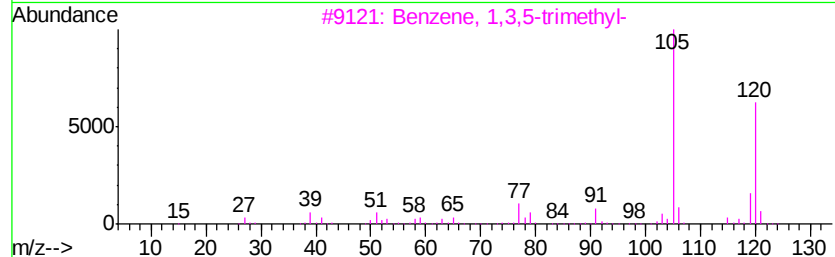
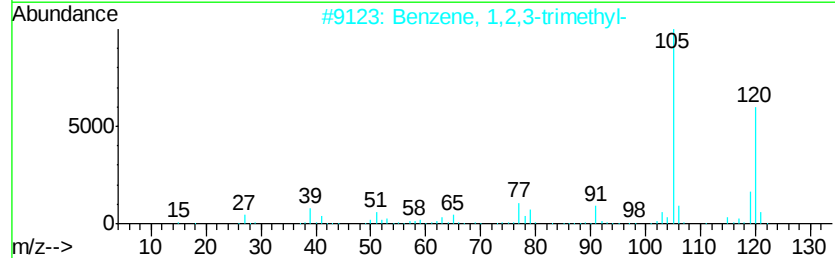
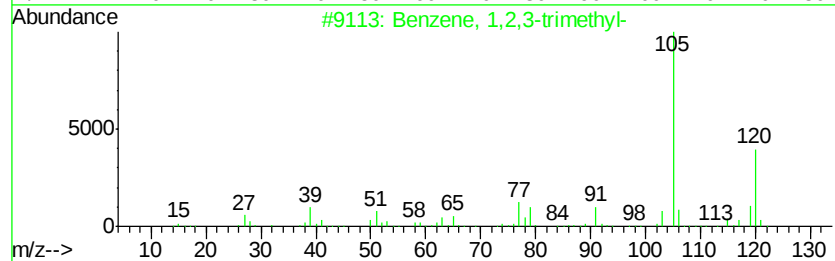
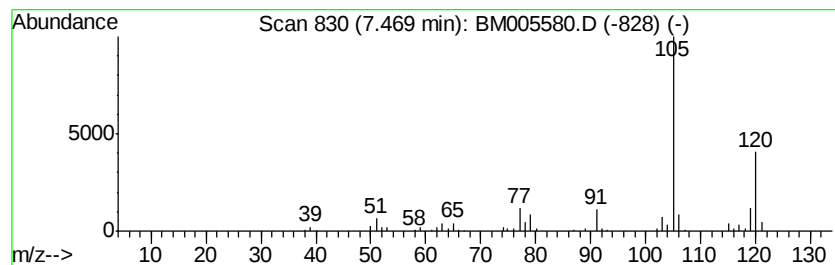
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	7.20 ng/ul	329314	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
D9WT2

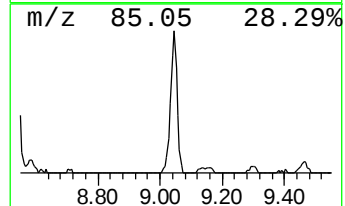
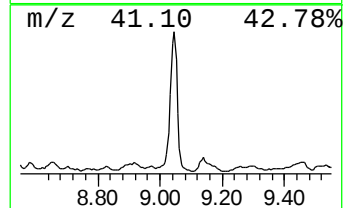
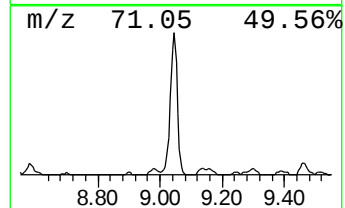
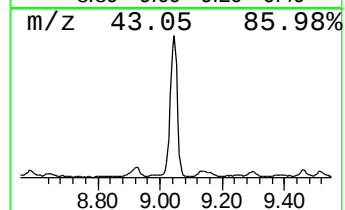
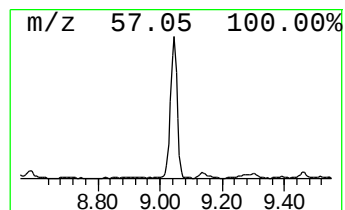
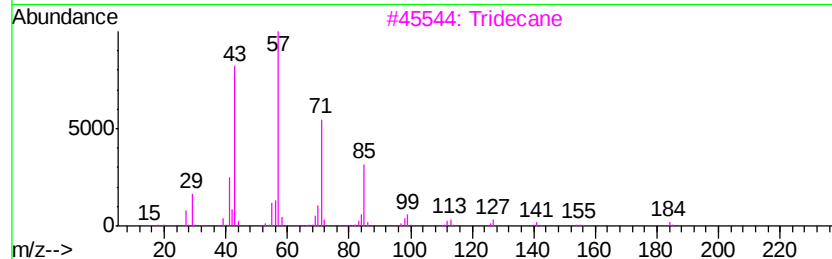
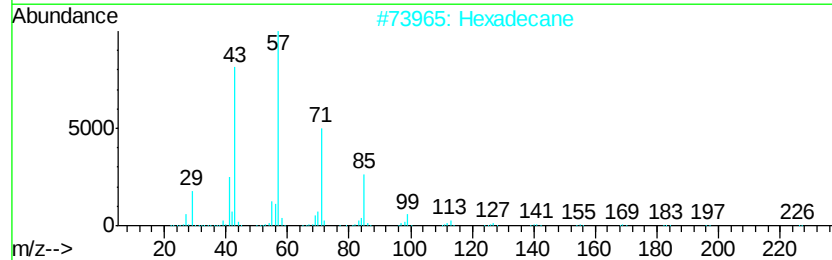
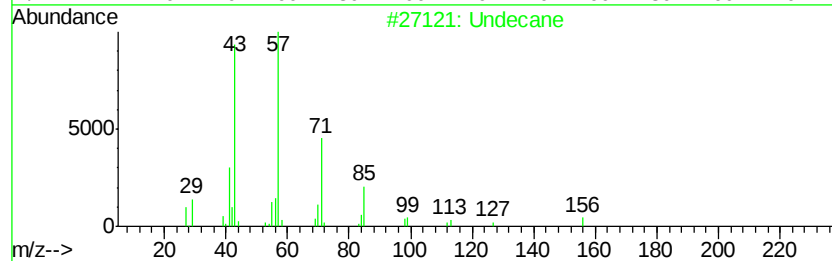
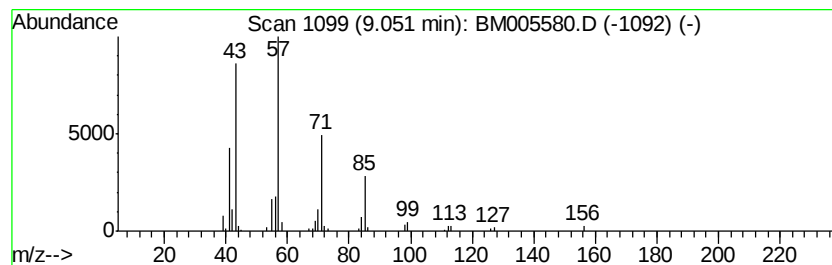
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	8.72 ng/ul	398638	1,4-Dichlorobenzene-d4	7.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	94
2	Hexadecane			226	C16H34	000544-76-3	90
3	Tridecane			184	C13H28	000629-50-5	90
4	Decane			142	C10H22	000124-18-5	90
5	Hexadecane			226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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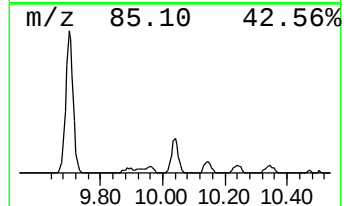
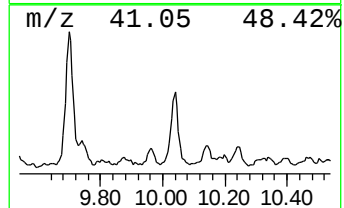
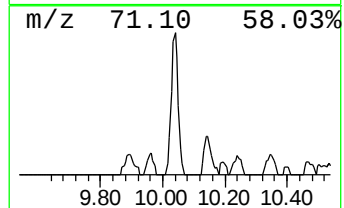
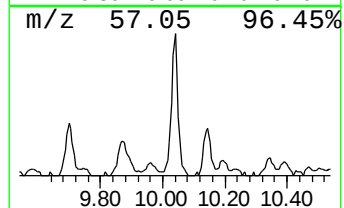
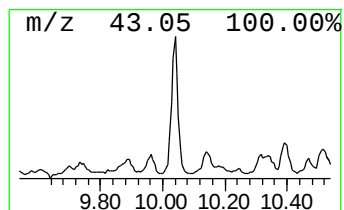
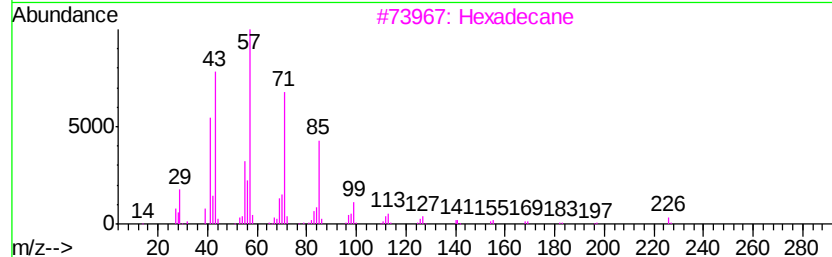
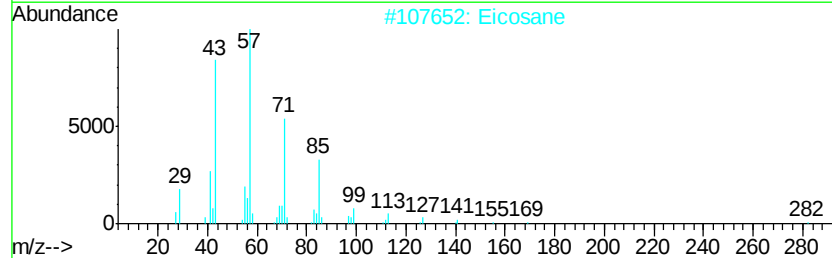
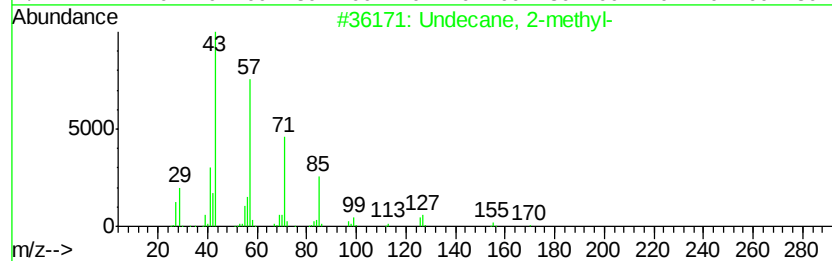
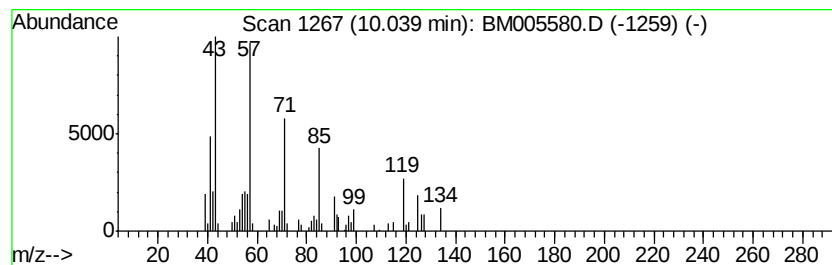
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	4.22 ng/ul	189322	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	53
2		Eicosane	282	C20H42	000112-95-8	49
3		Hexadecane	226	C16H34	000544-76-3	49
4		Hexadecane	226	C16H34	000544-76-3	49
5		Nonadecane	268	C19H40	000629-92-5	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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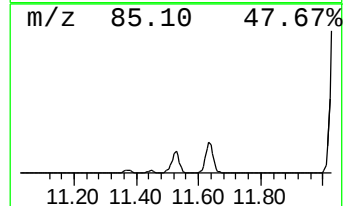
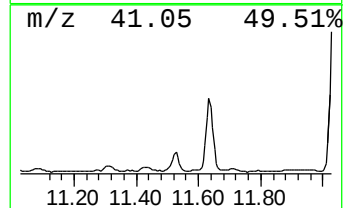
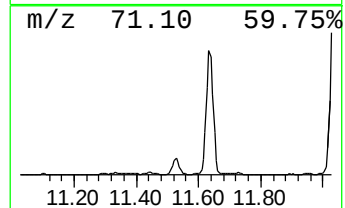
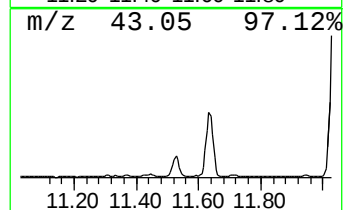
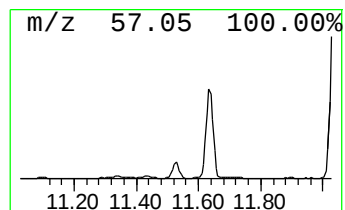
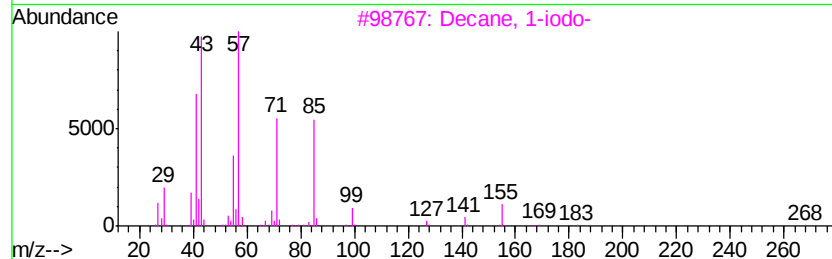
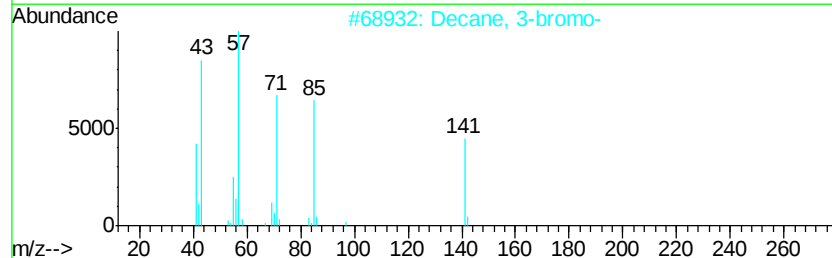
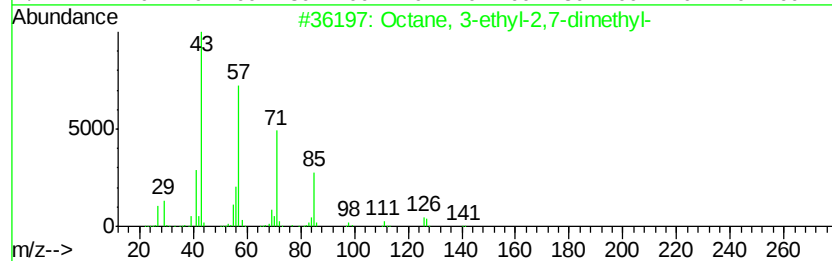
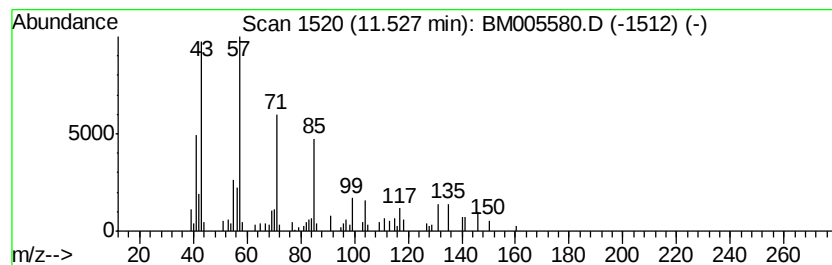
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	3.39 ng/ul	151960	Naphthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	50
2			Decane, 3-bromo-	220	C10H21Br	030571-71-2	49
3			Decane, 1-iodo-	268	C10H21I	002050-77-3	49
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	49
5			1-Iodoundecane	282	C11H23I	004282-44-4	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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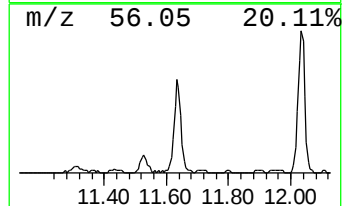
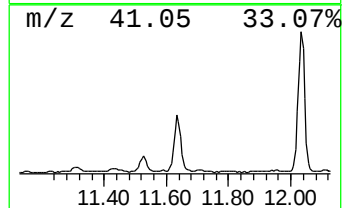
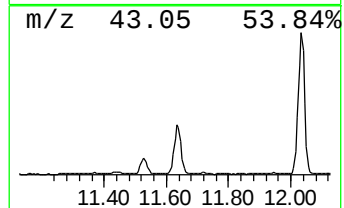
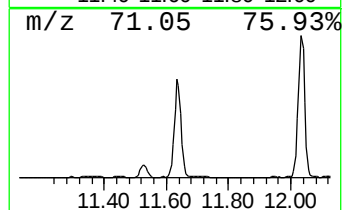
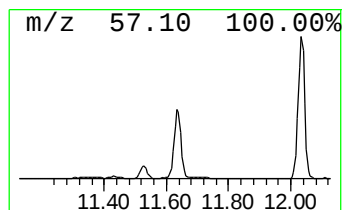
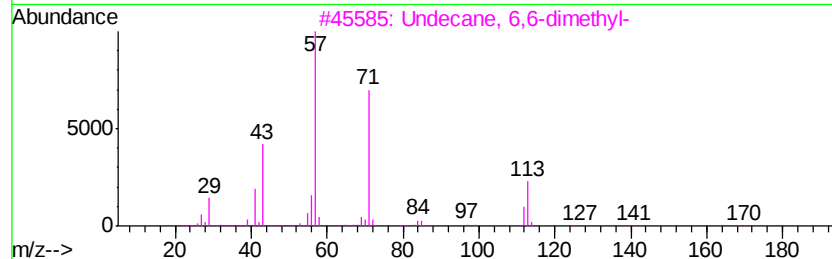
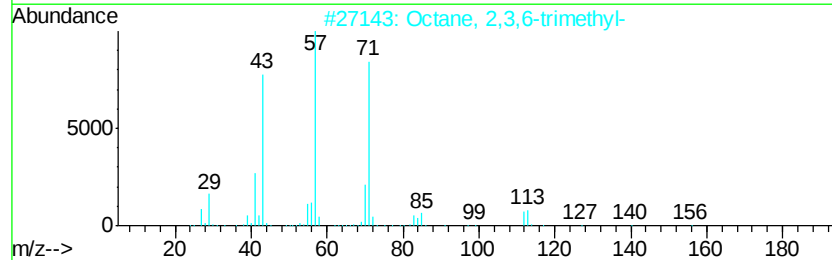
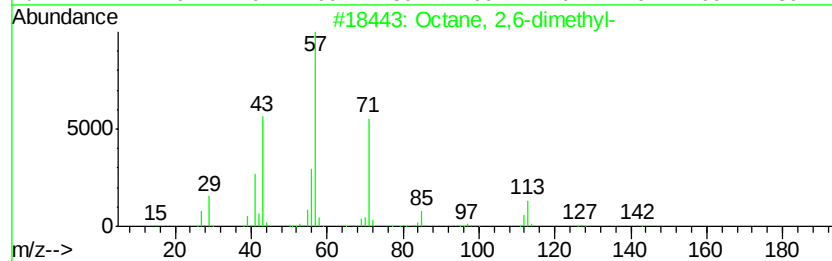
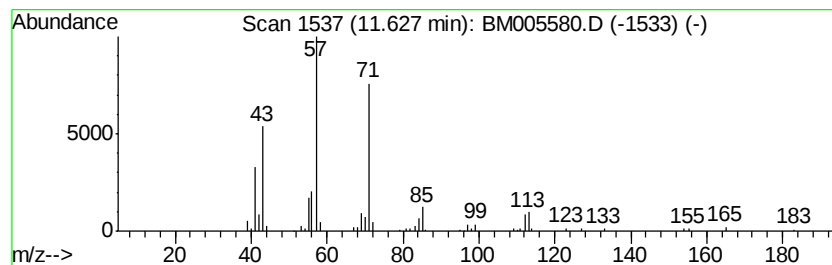
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	9.54 ng/ul	427661	Napthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
3			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
4			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
5			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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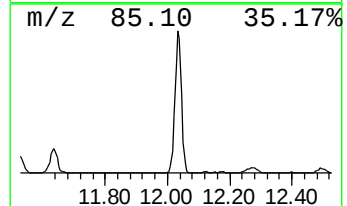
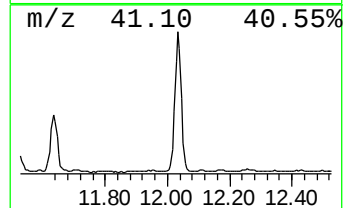
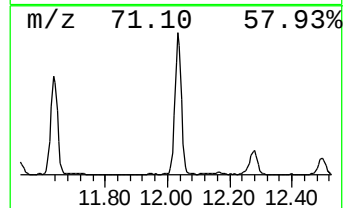
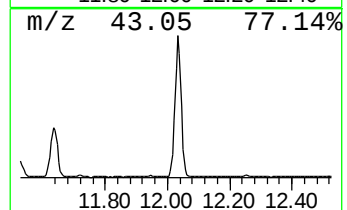
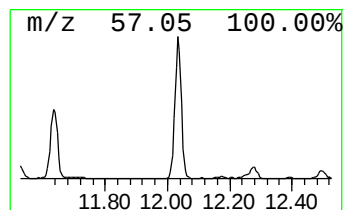
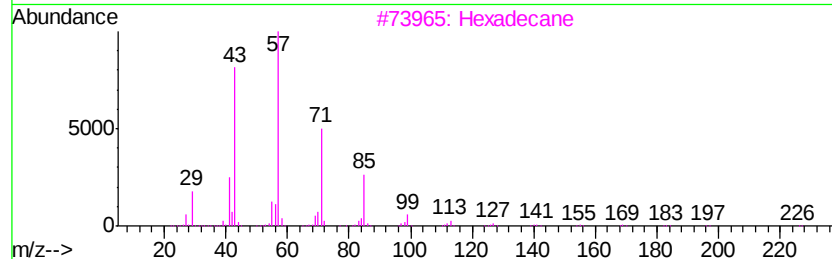
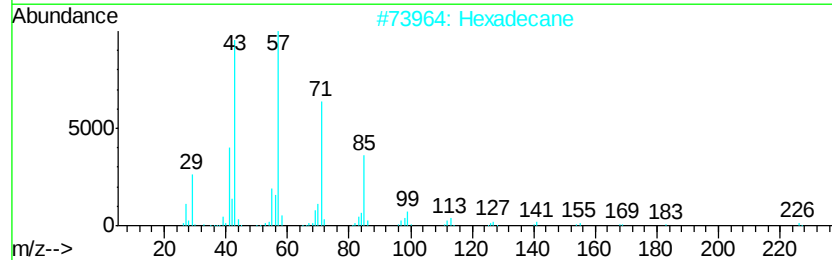
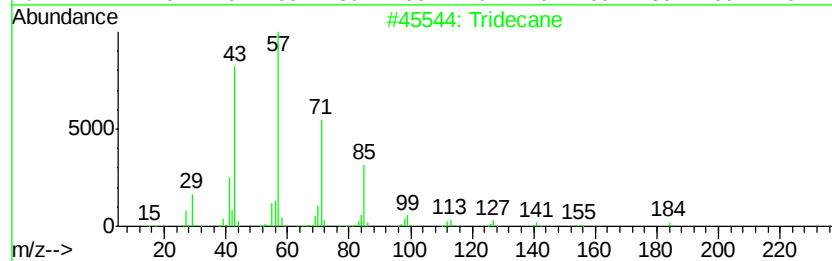
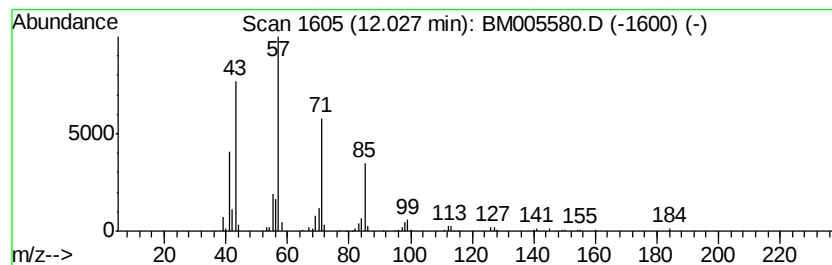
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	19.01 ng/ul	852029	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Pentadecane	212	C15H32	000629-62-9	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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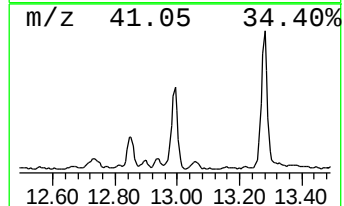
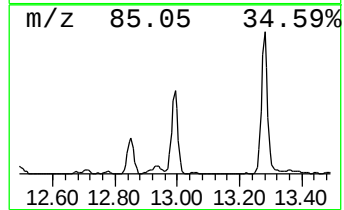
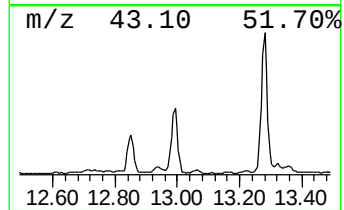
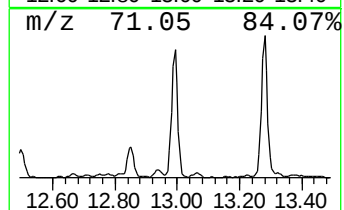
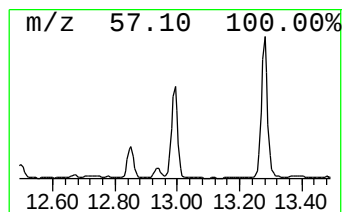
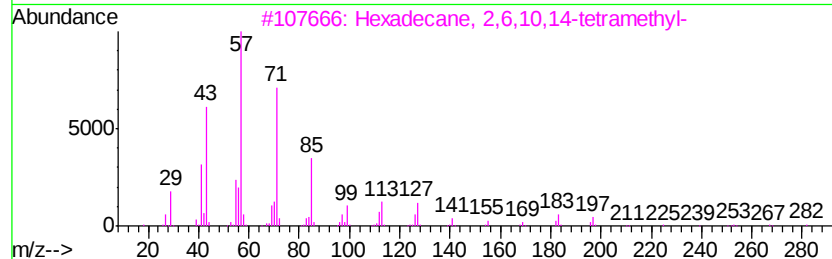
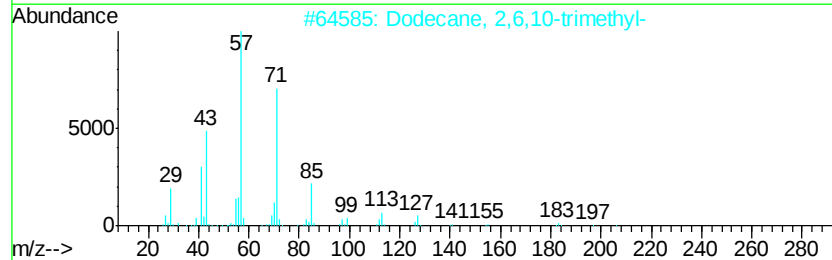
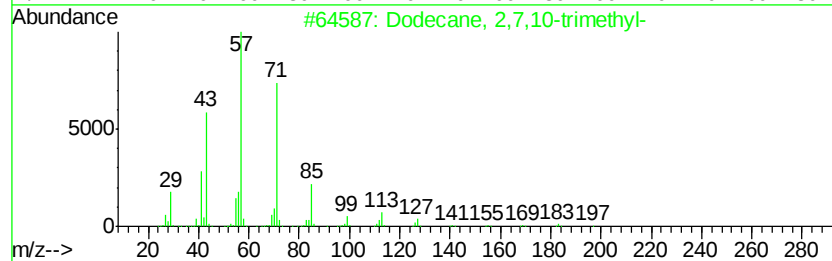
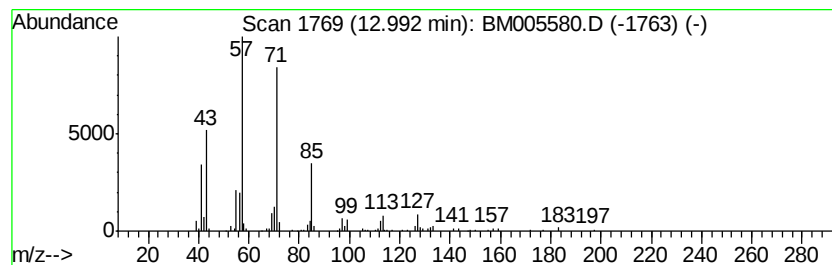
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	4.98 ng/ul	358726	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

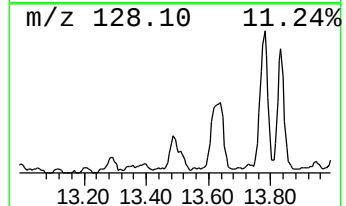
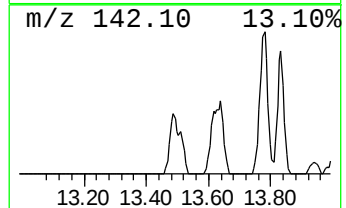
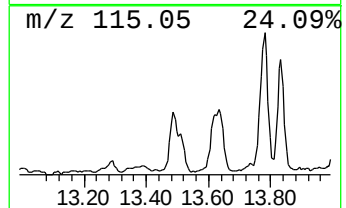
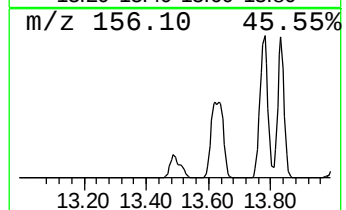
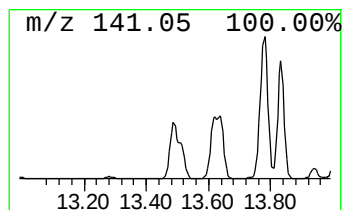
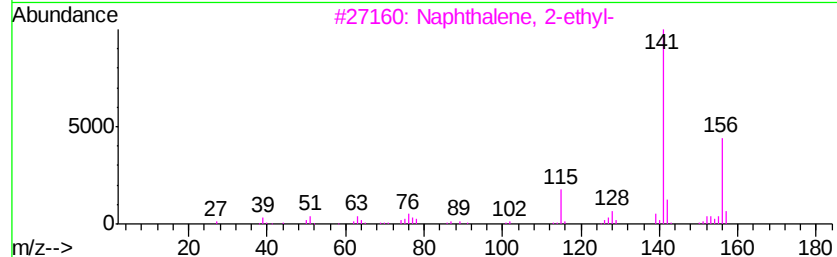
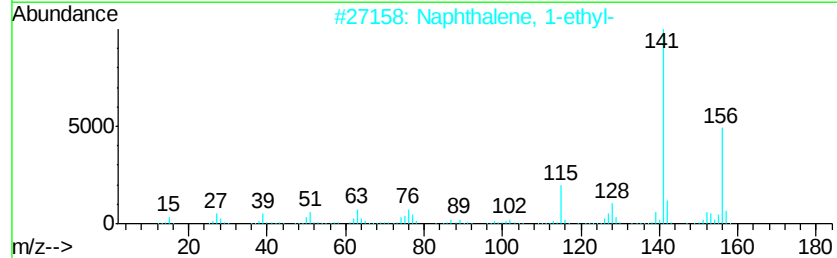
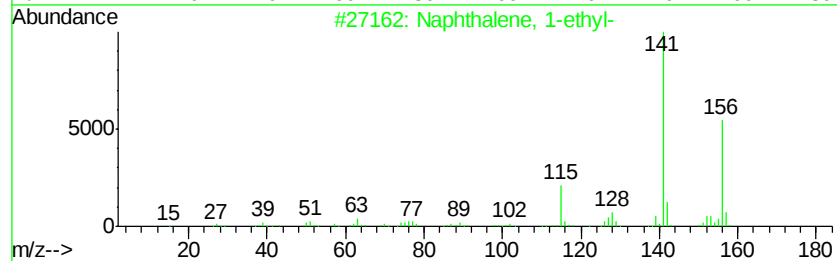
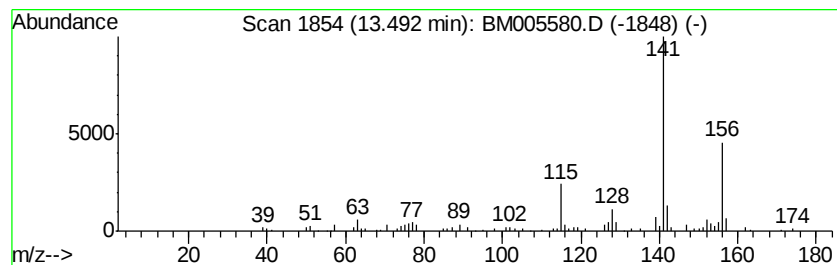
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Naphthalene, 1-ethyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.49	2.53 ng/ul	181723	Acenaphthene-d10		14.46
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	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

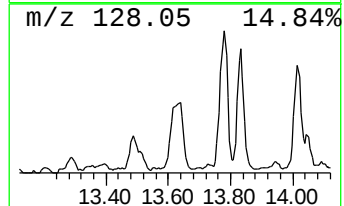
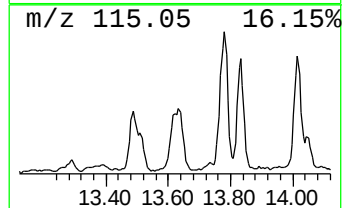
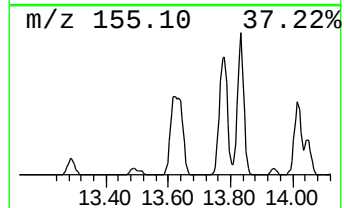
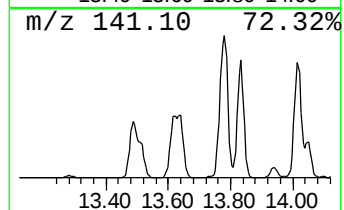
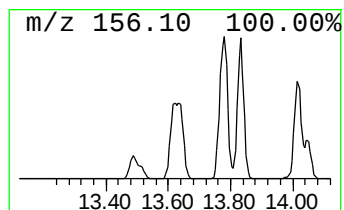
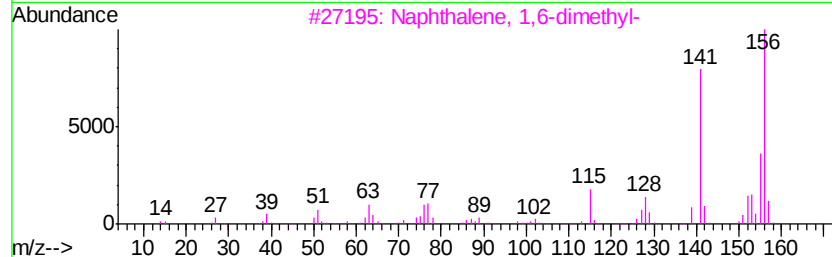
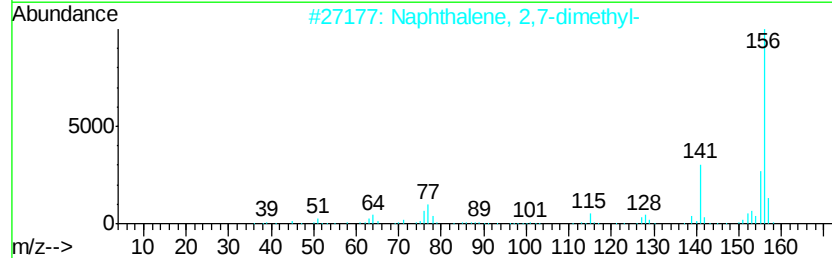
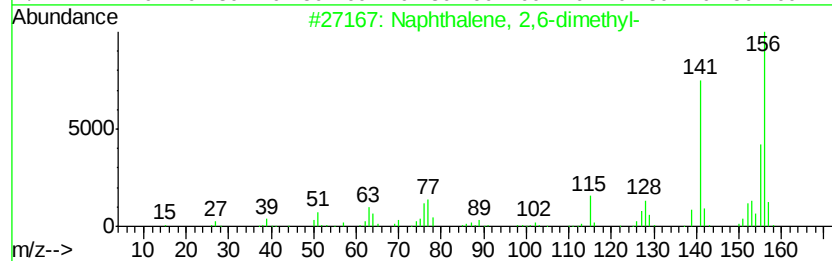
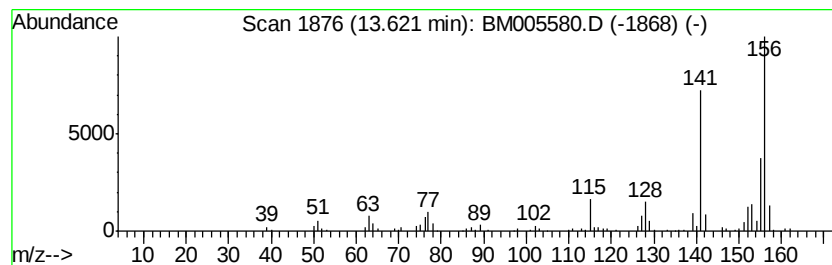
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Naphthalene, 2,6-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	4.52 ng/ul	325644	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

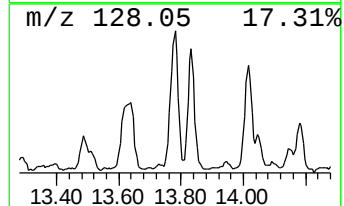
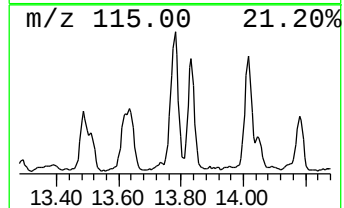
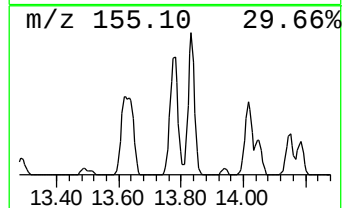
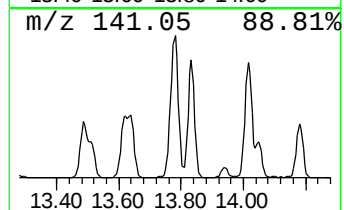
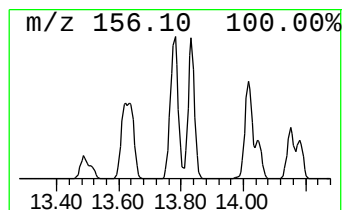
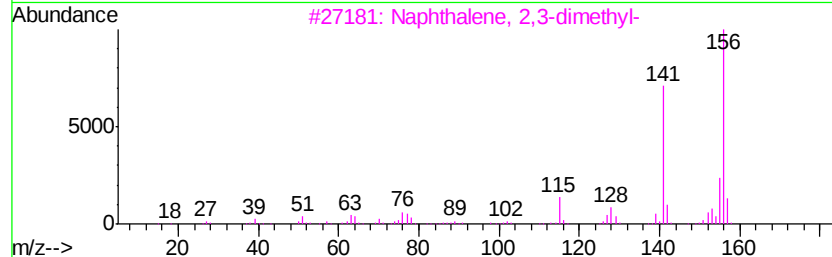
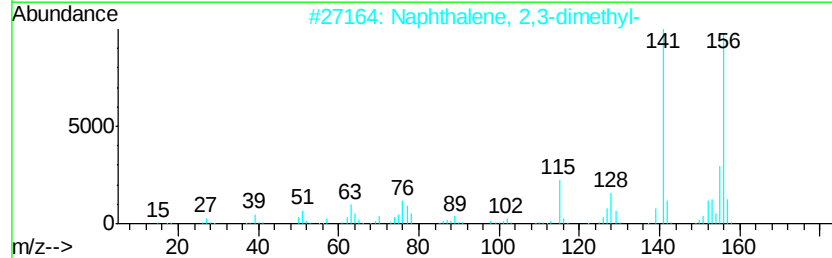
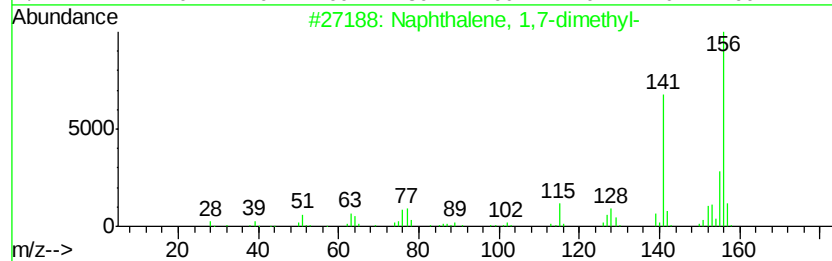
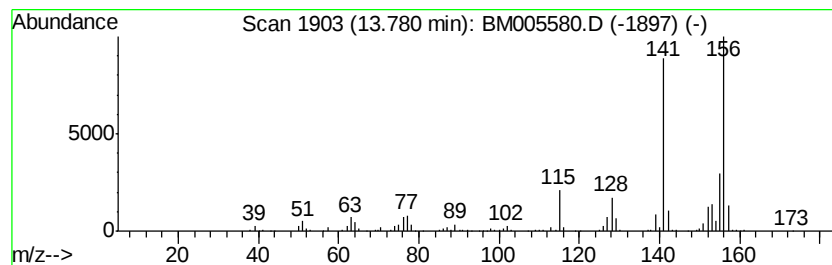
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	10.54 ng/ul	758619	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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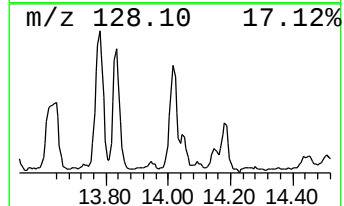
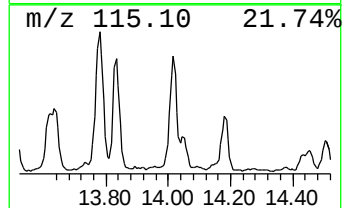
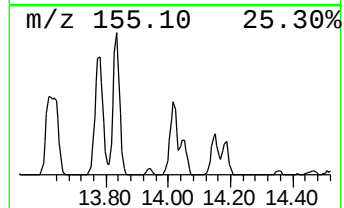
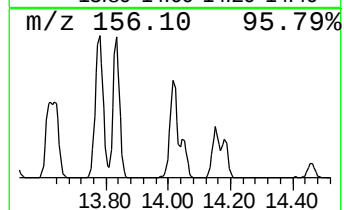
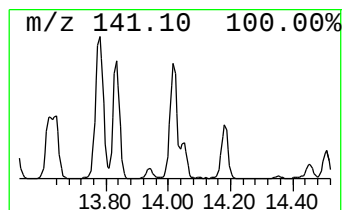
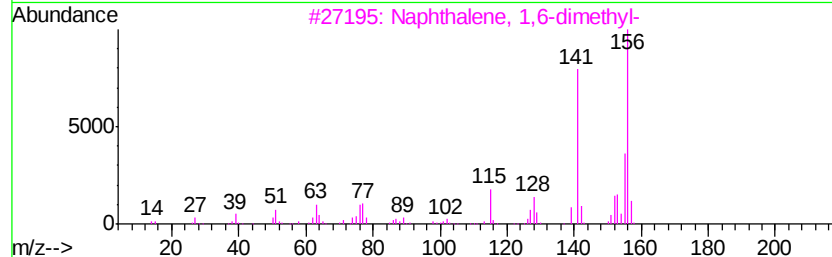
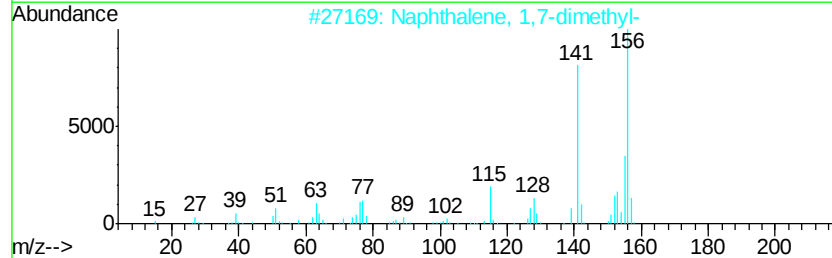
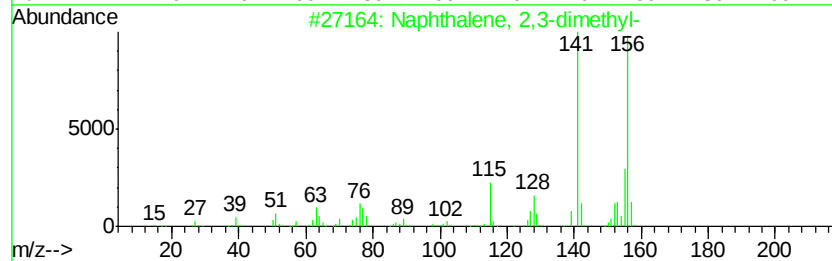
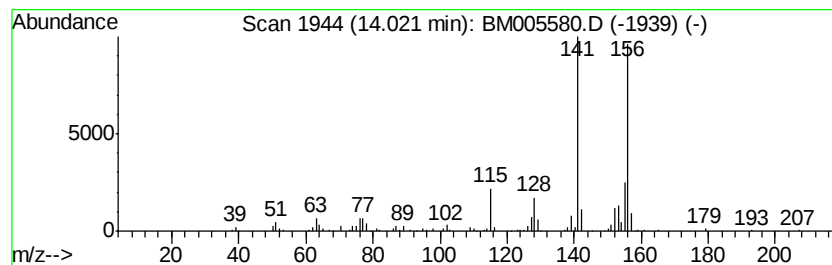
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Naphthalene, 2,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	6.91 ng/ul	497486	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

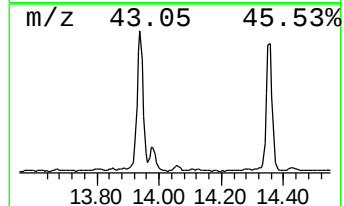
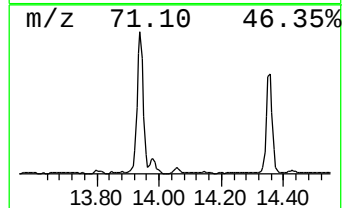
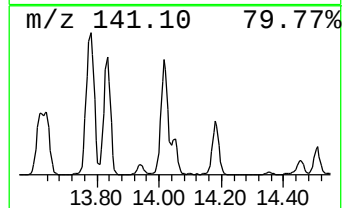
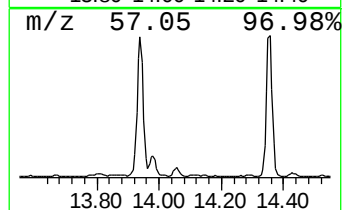
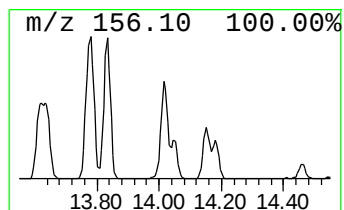
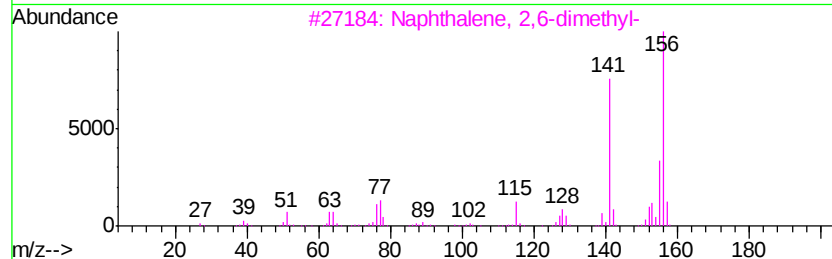
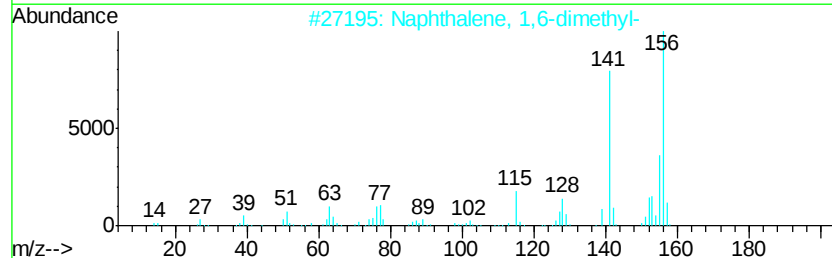
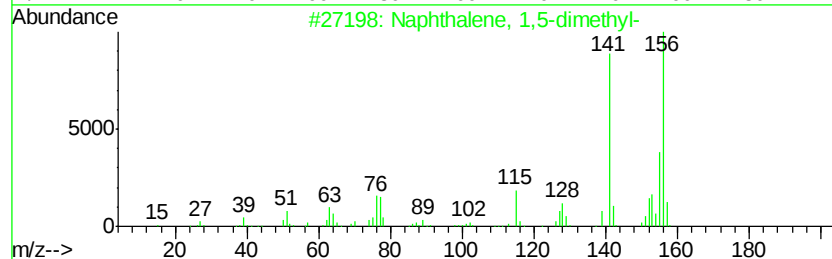
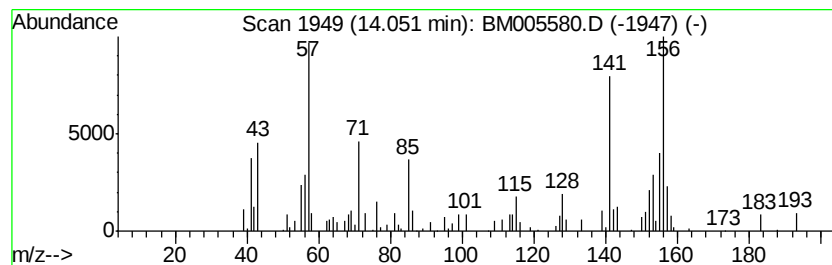
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Naphthalene, 1,5-dimethyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	2.07 ng/ul	148761	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	83
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	83
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	83
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	83
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

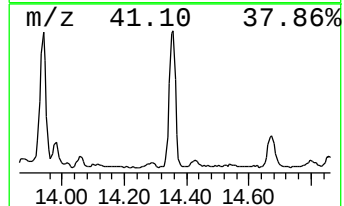
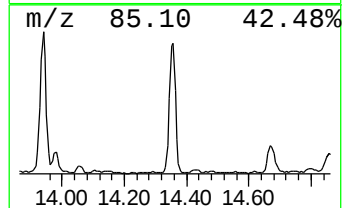
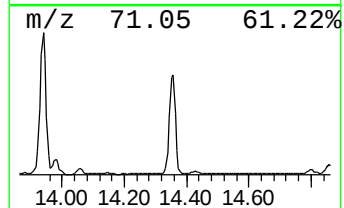
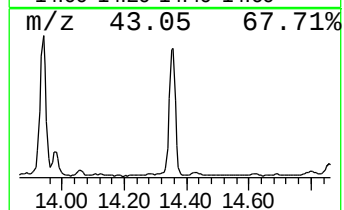
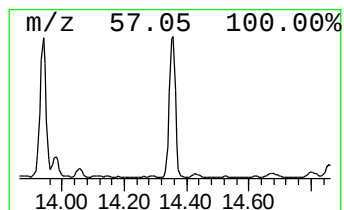
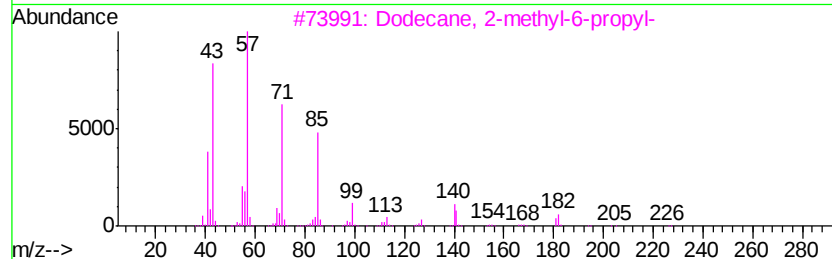
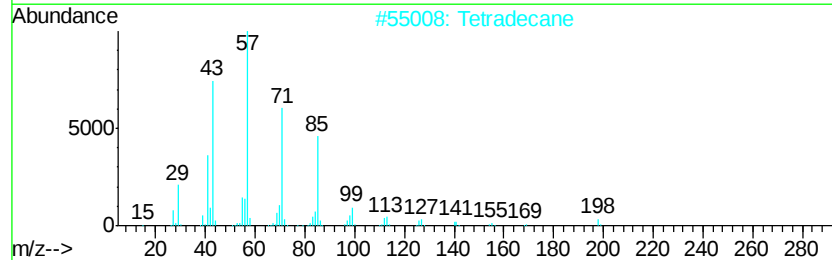
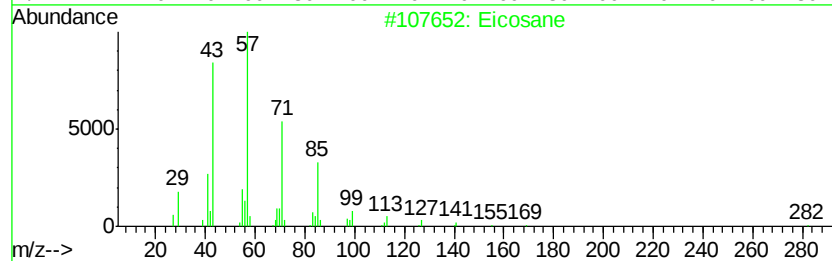
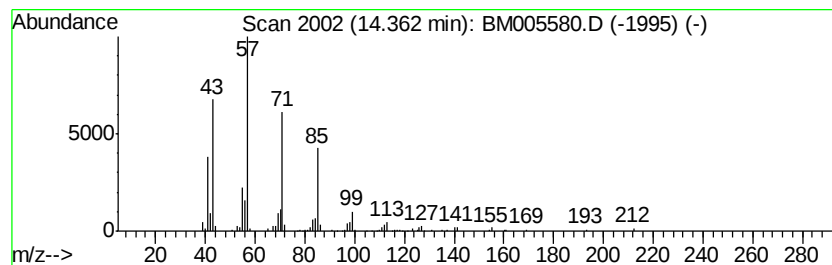
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	7.15 ng/ul	514882	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Tetradecane	198	C14H30	000629-59-4	87
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

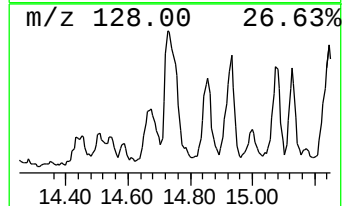
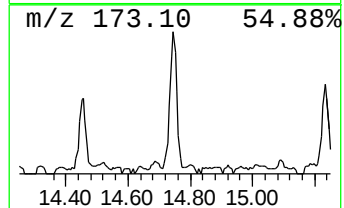
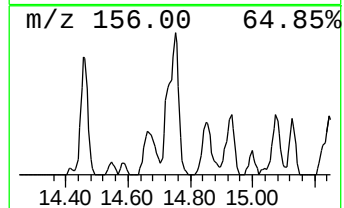
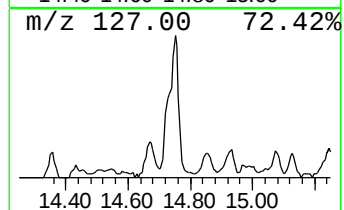
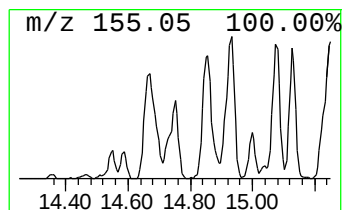
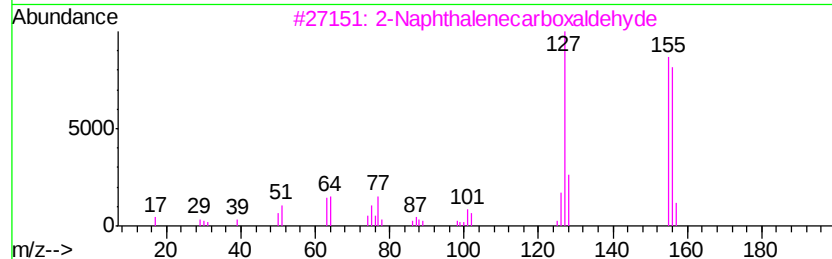
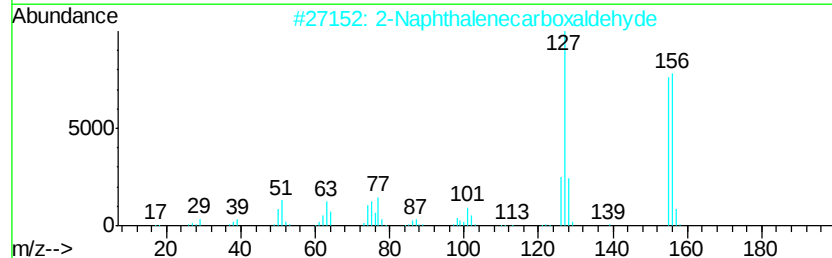
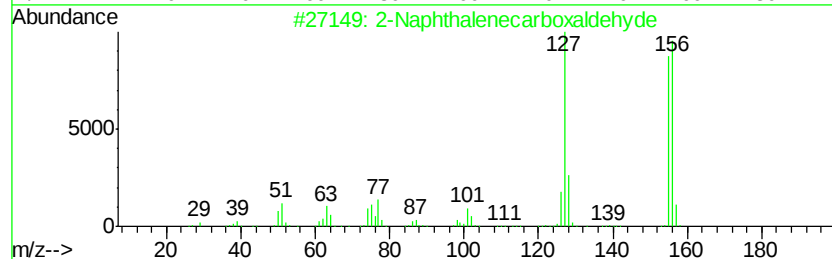
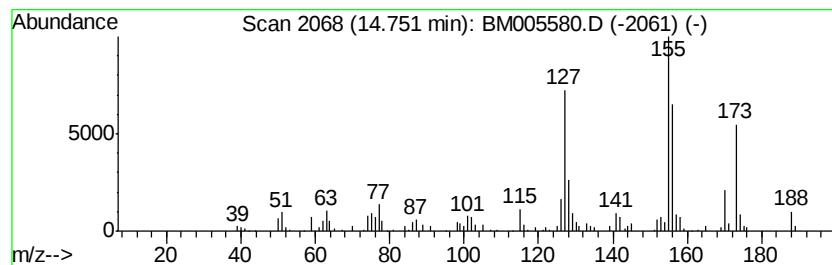
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 2-Naphthalenecarboxaldehyde Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.81 ng/ul	202316	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthalenecarboxaldehyde	156	C11H8O	000066-99-9	95
2		2-Naphthalenecarboxaldehyde	156	C11H8O	000066-99-9	90
3		2-Naphthalenecarboxaldehyde	156	C11H8O	000066-99-9	86
4		2-Naphthalenecarboxaldehyde	156	C11H8O	000066-99-9	50
5		1-Naphthalenecarboxaldehyde	156	C11H8O	000066-77-3	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

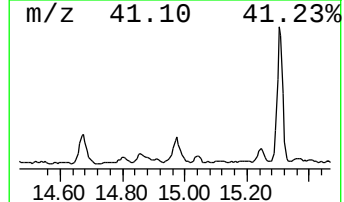
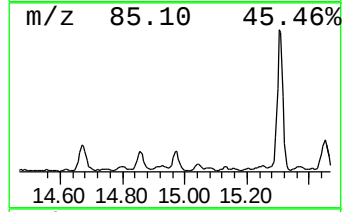
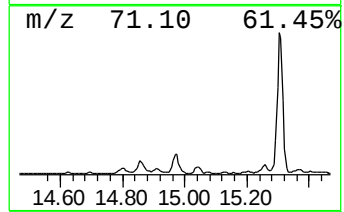
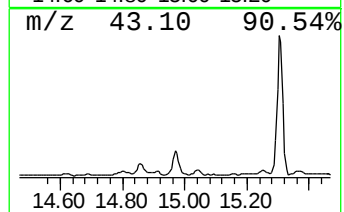
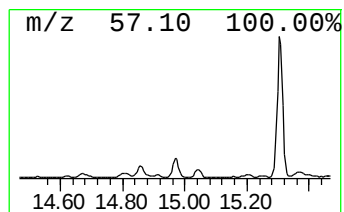
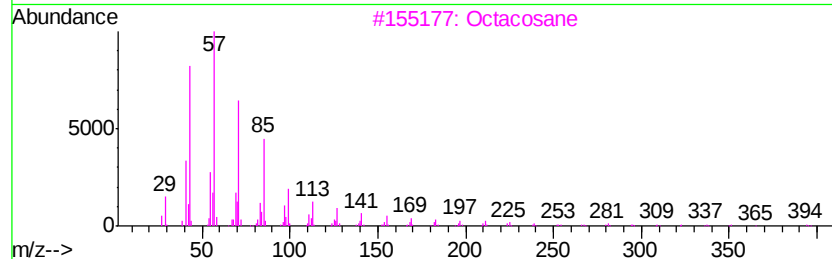
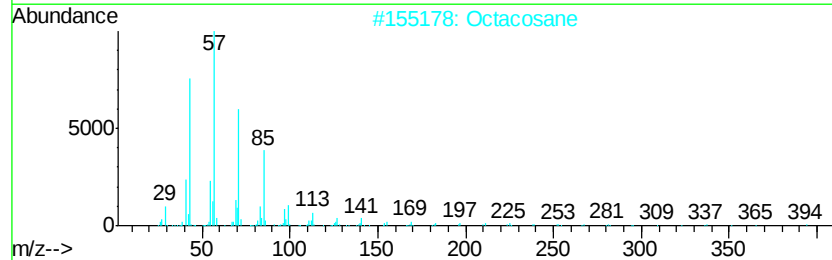
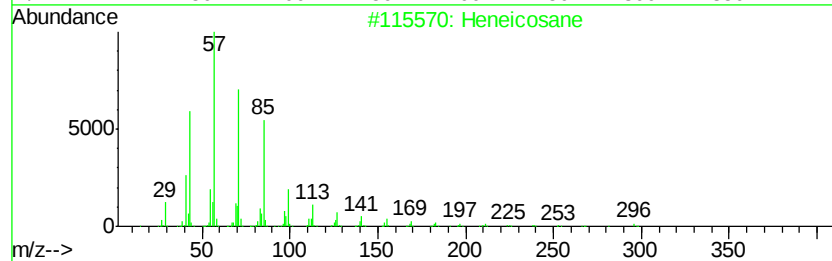
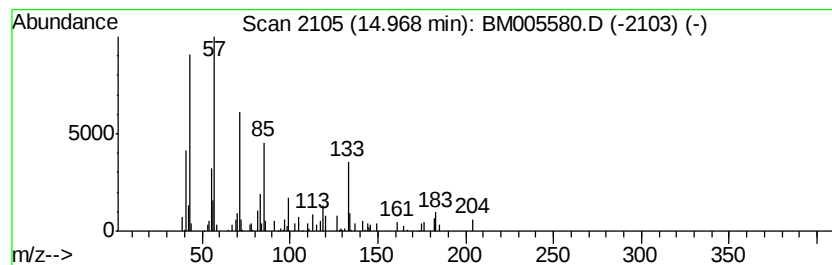
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	2.68 ng/ul	193008	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	20
2			Octacosane	394	C28H58	000630-02-4	20
3			Octacosane	394	C28H58	000630-02-4	18
4			Nonadecane	268	C19H40	000629-92-5	18
5			Tetratetracontane	619	C44H90	007098-22-8	18



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

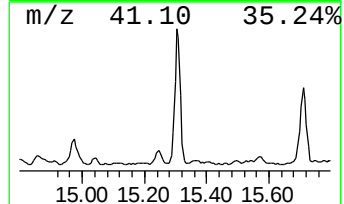
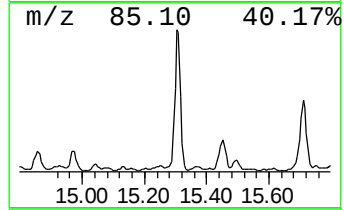
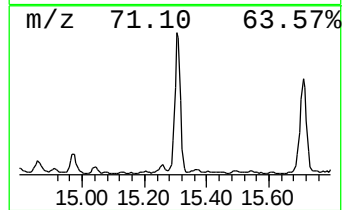
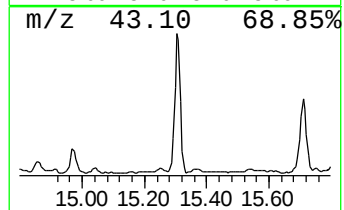
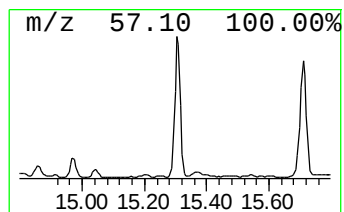
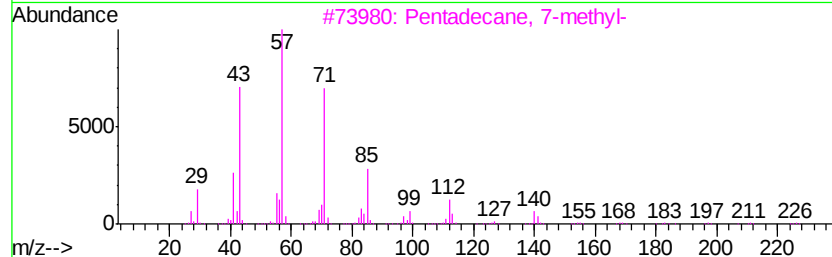
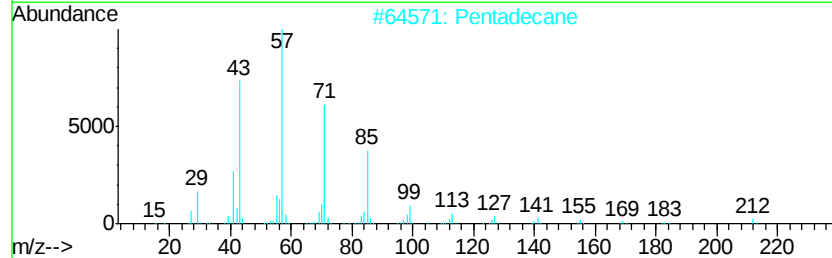
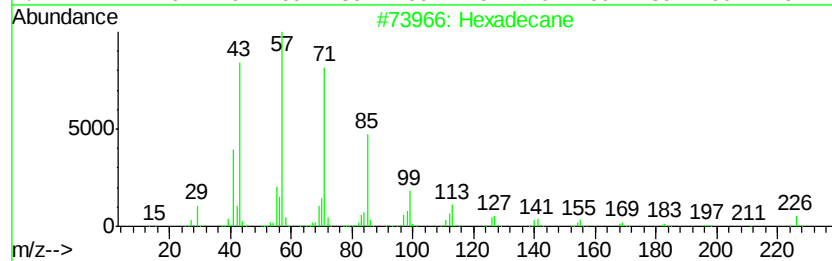
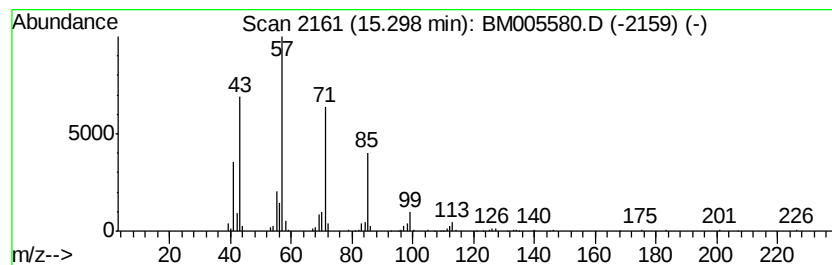
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	7.59 ng/ul	546188	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Pentadecane	212	C15H32	000629-62-9	90
3			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4			Tetradecane	198	C14H30	000629-59-4	86
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

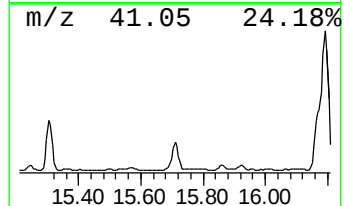
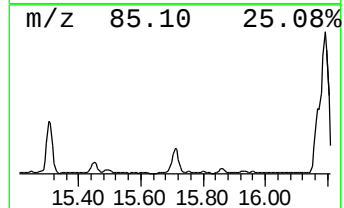
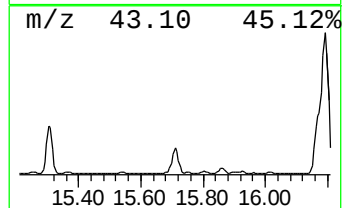
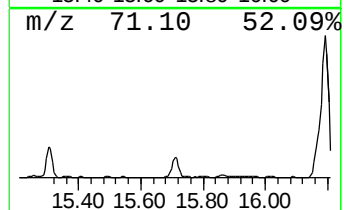
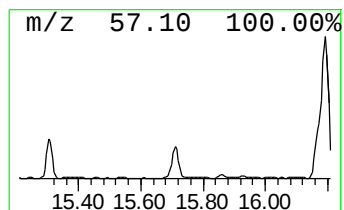
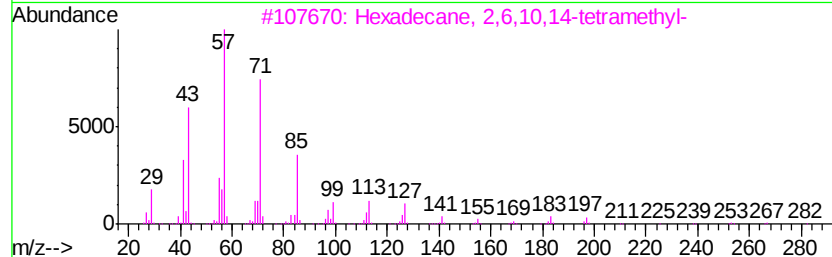
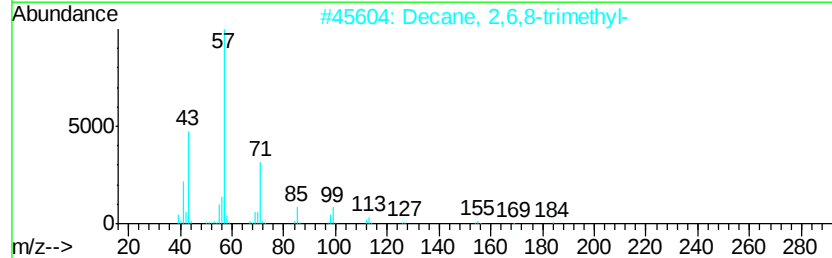
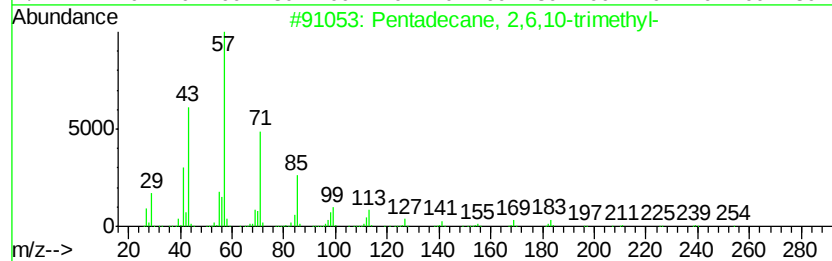
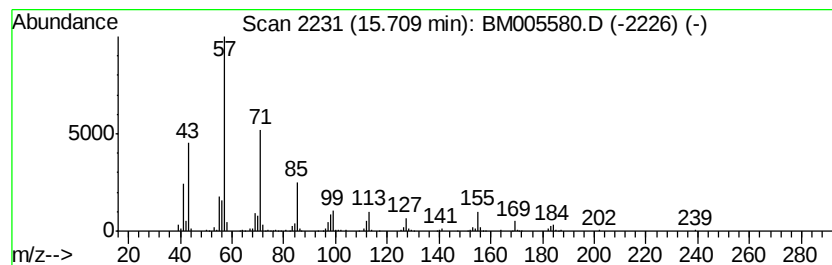
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	7.37 ng/ul	530450	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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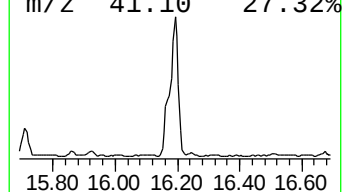
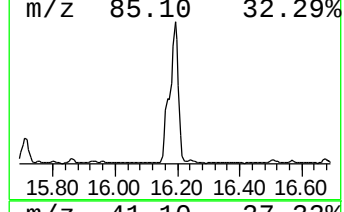
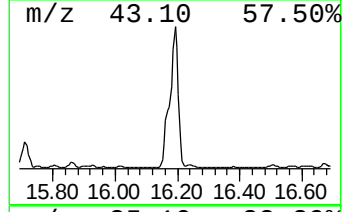
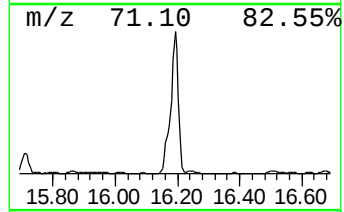
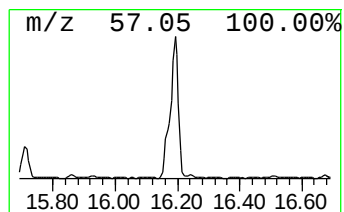
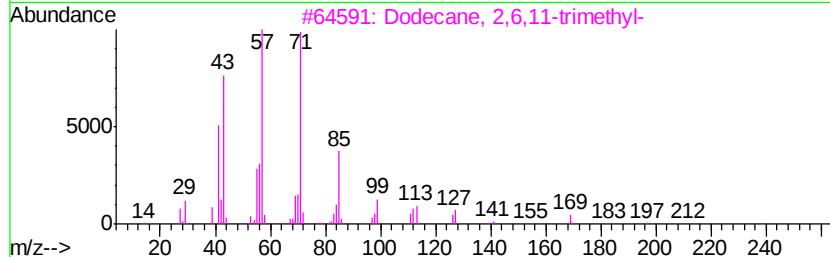
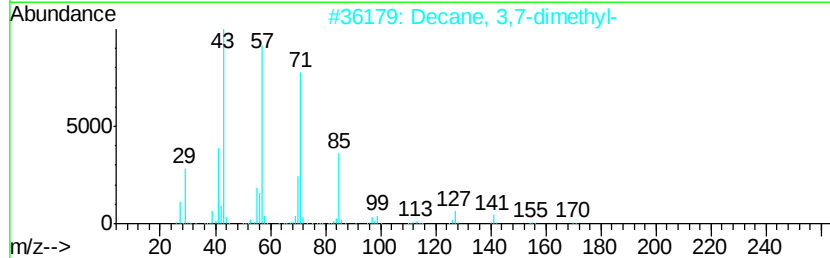
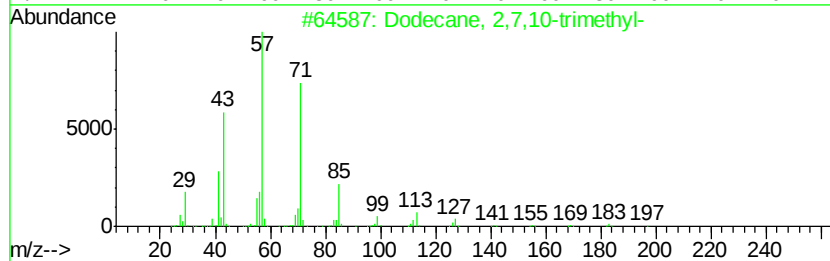
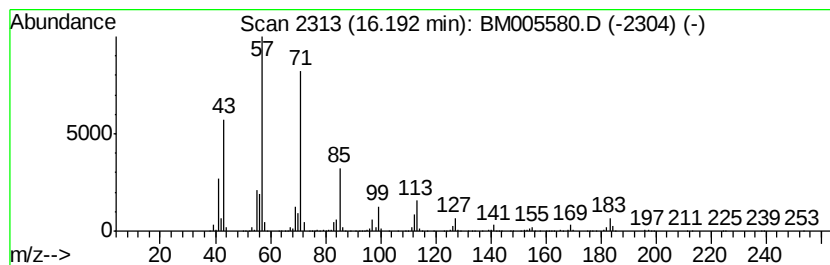
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	42.57 ng/ul	3059040	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	83
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4		Tridecane, 4-methyl-	198	C14H30	026730-12-1	80
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

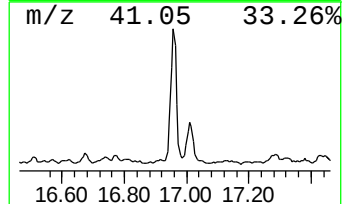
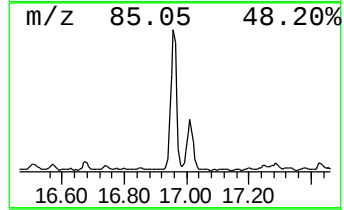
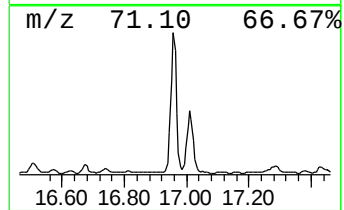
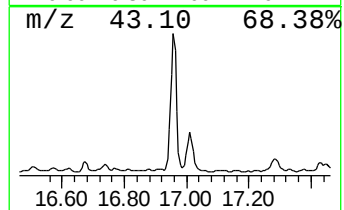
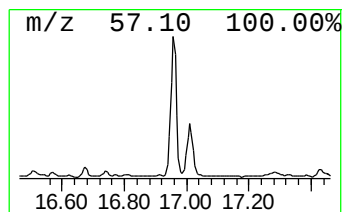
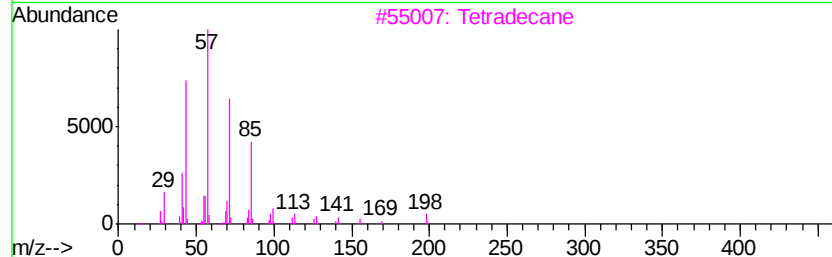
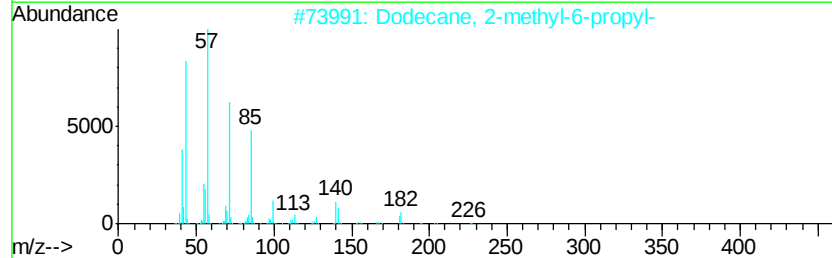
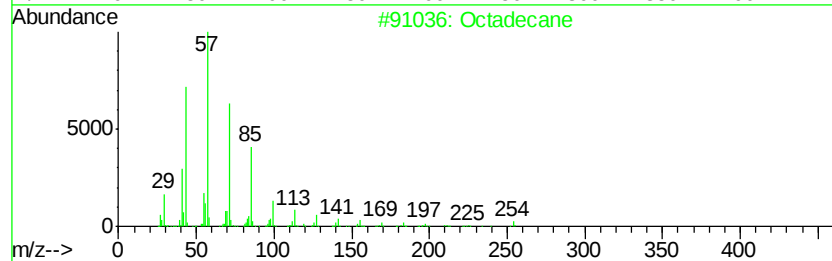
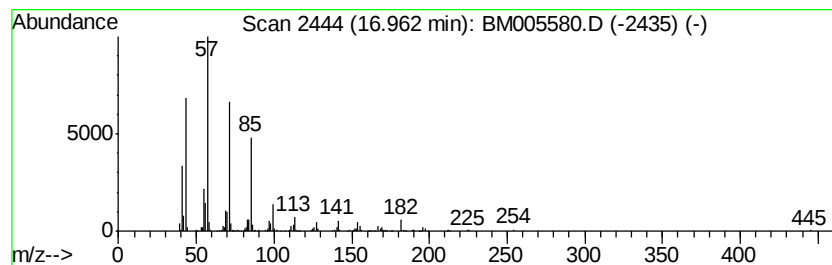
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	12.44 ng/ul	893747	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3		Tetradecane	198	C14H30	000629-59-4	83
4		Pentadecane	212	C15H32	000629-62-9	83
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

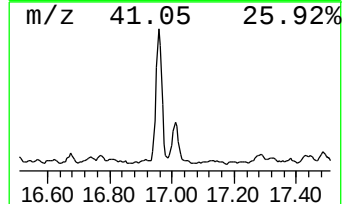
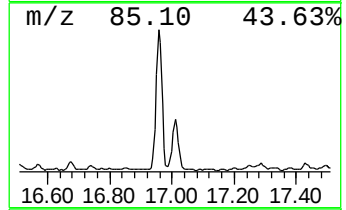
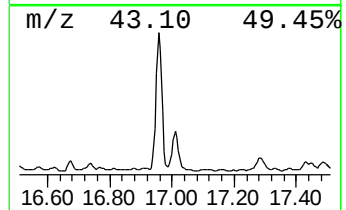
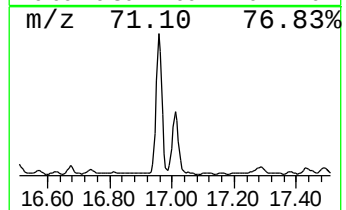
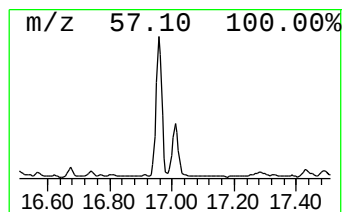
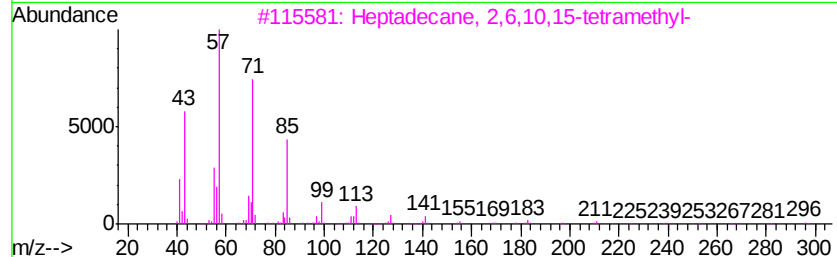
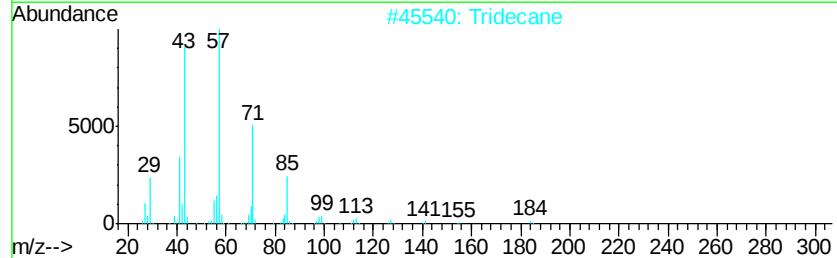
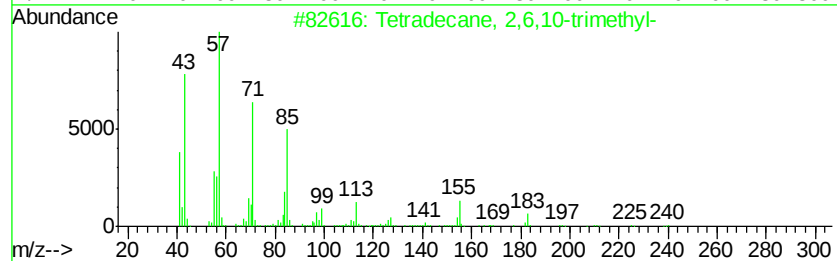
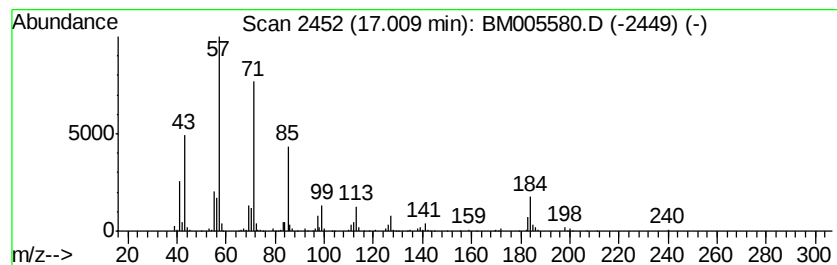
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	5.58 ng/ul	400601	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2			Tridecane	184	C13H28	000629-50-5	87
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4			Octadecane	254	C18H38	000593-45-3	86
5			Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

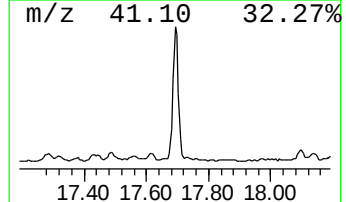
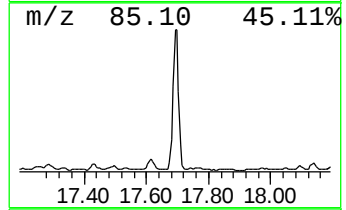
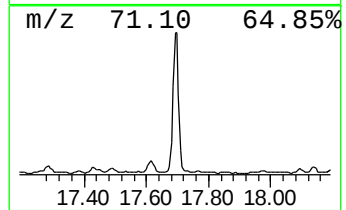
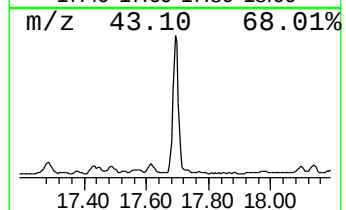
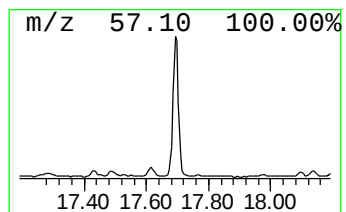
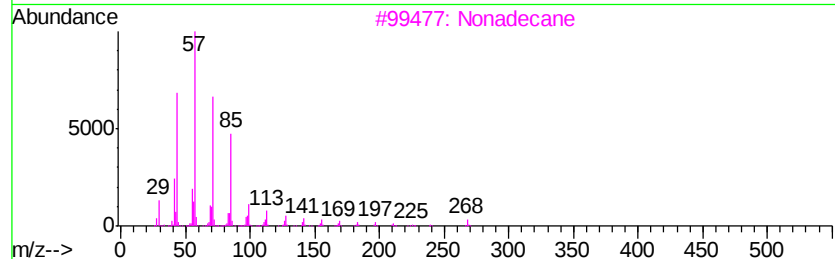
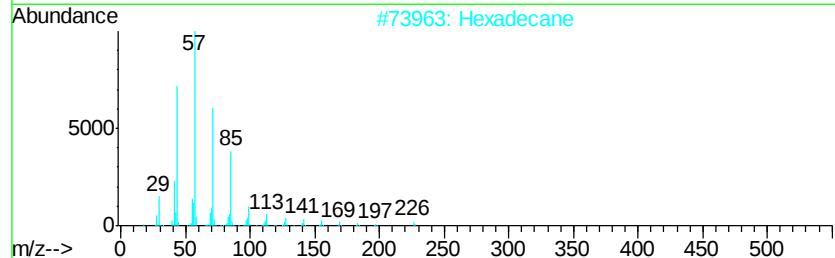
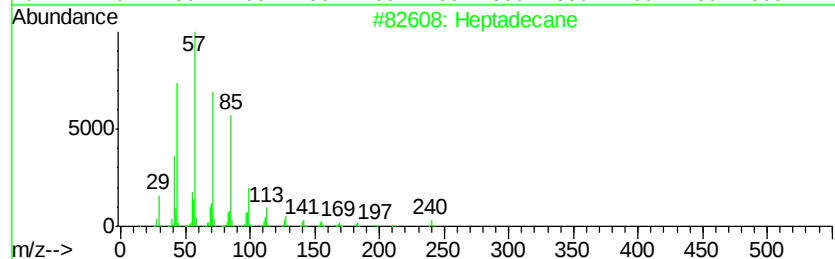
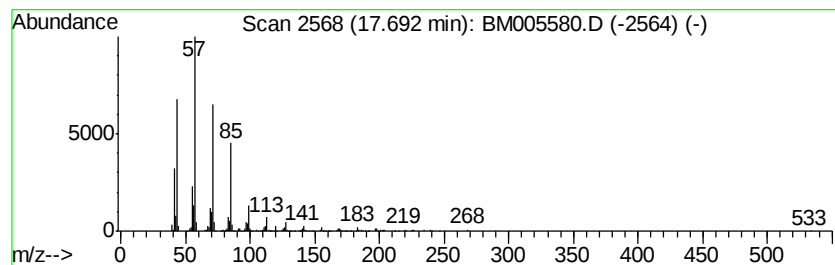
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	11.06 ng/ul	794825	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Hexadecane	226	C16H34	000544-76-3	96
3		Nonadecane	268	C19H40	000629-92-5	96
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

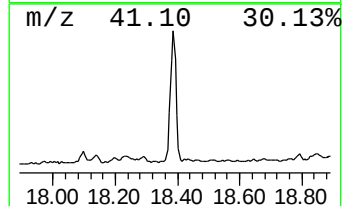
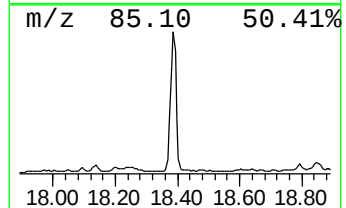
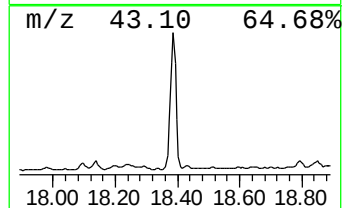
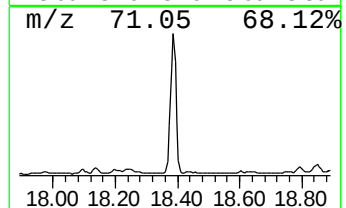
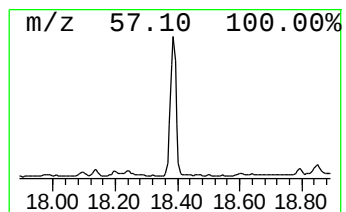
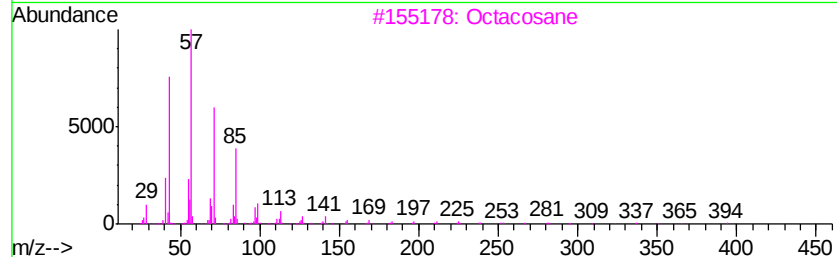
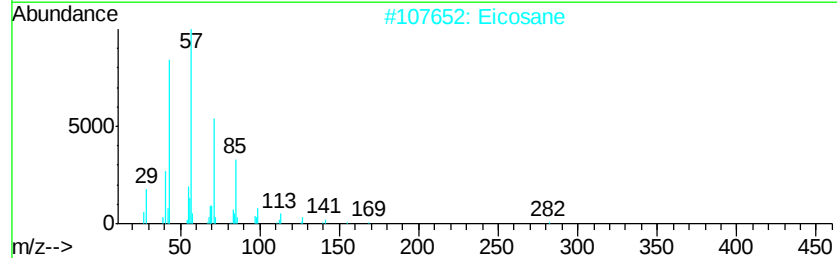
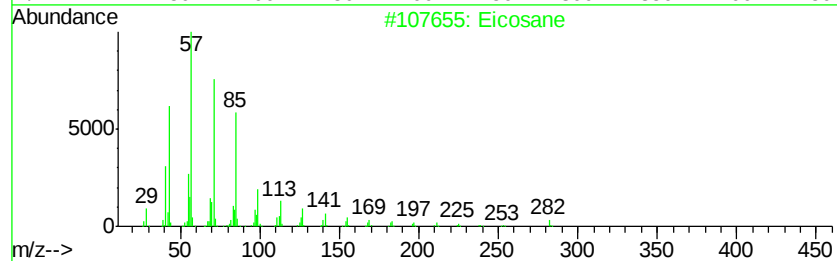
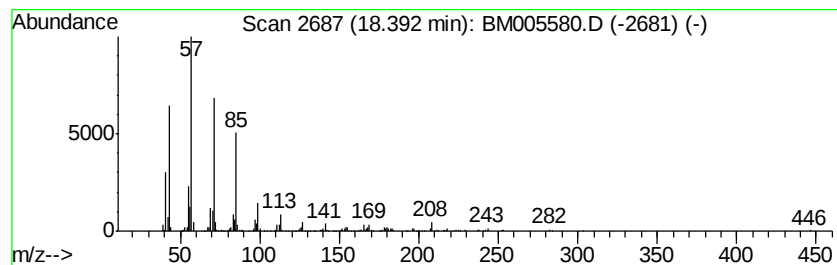
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	9.44 ng/ul	678304	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Eicosane	282	C20H42	000112-95-8	96
3			Octacosane	394	C28H58	000630-02-4	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

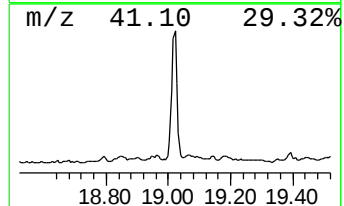
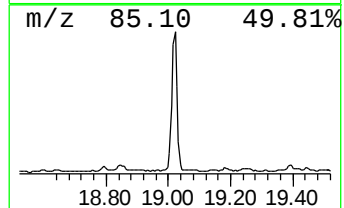
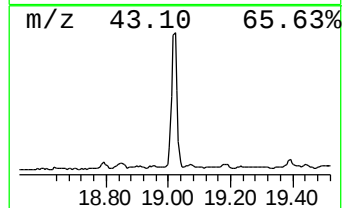
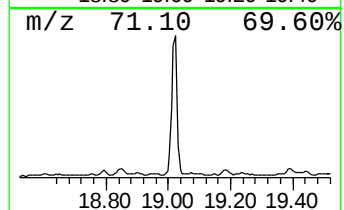
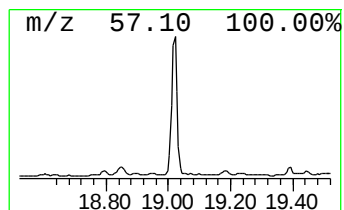
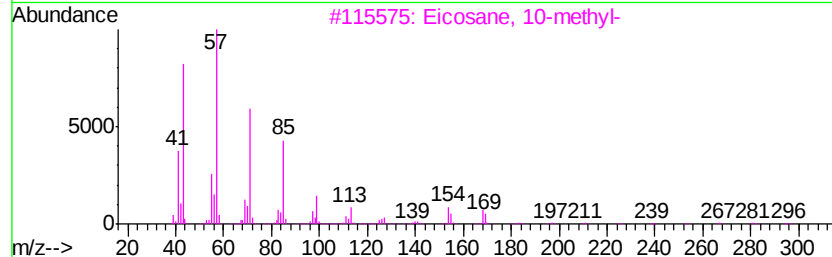
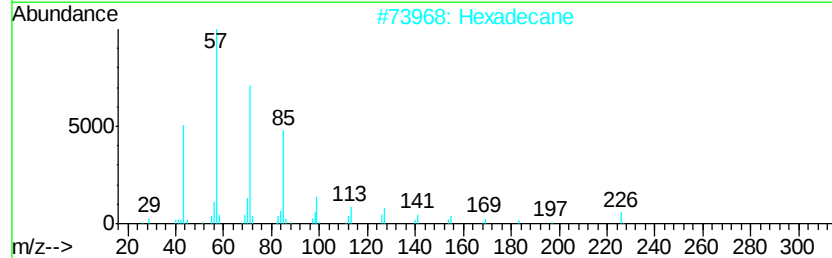
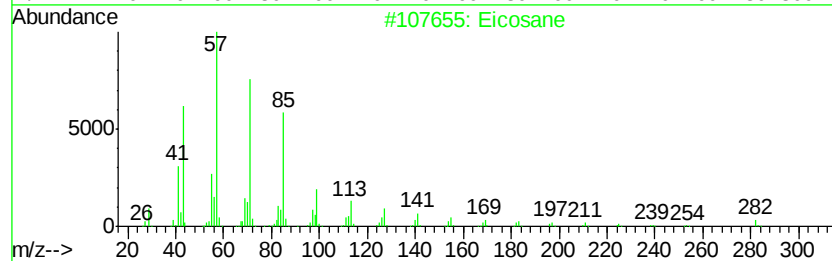
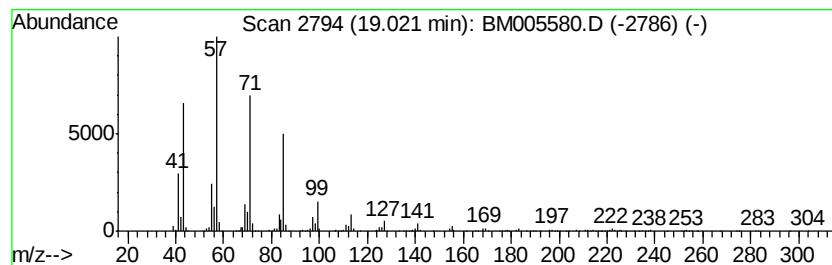
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	13.50 ng/ul	969680	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Hexadecane	226	C16H34	000544-76-3	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

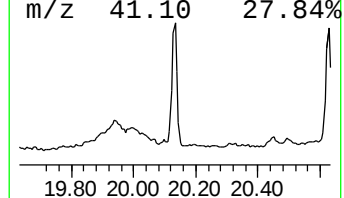
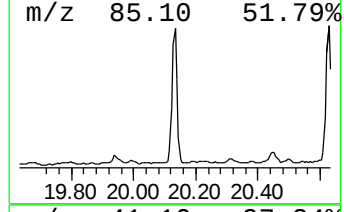
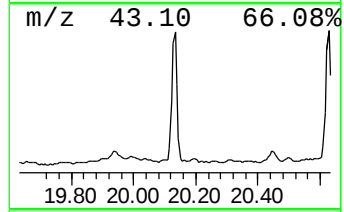
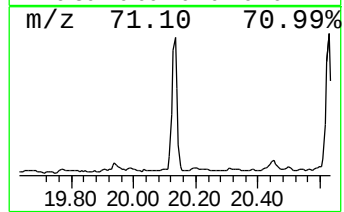
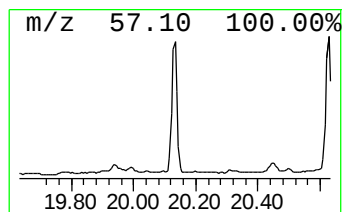
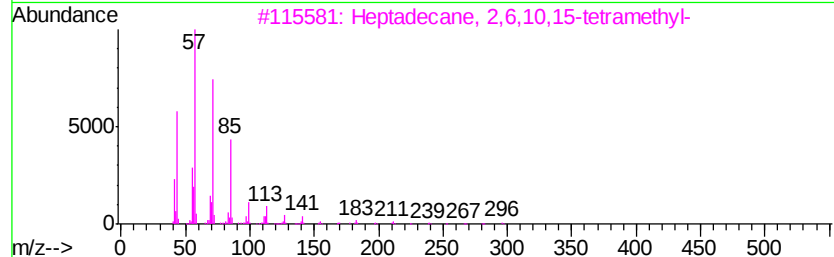
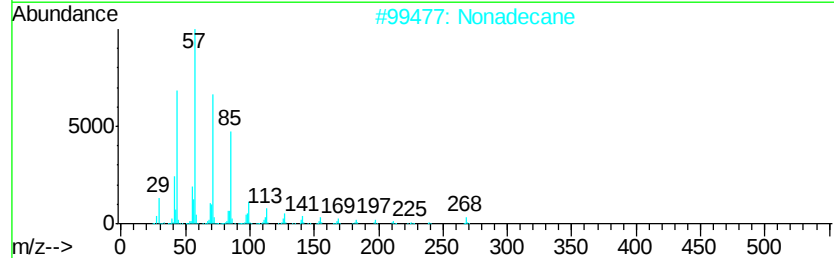
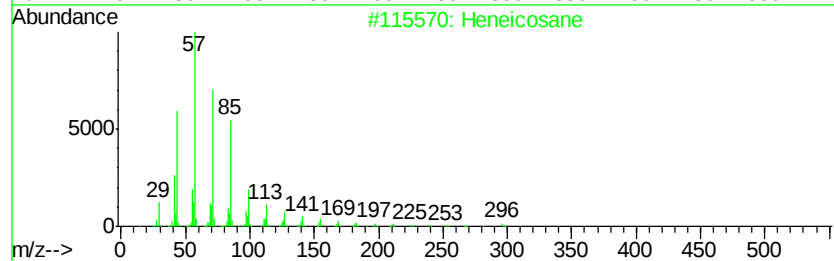
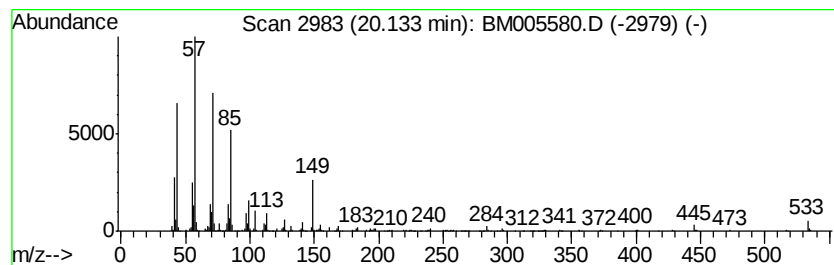
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	5.45 ng/ul	636438	Chrysene-d12	21.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	99
2			Nonadecane	268	C19H40	000629-92-5	92
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	78
5			Tetracosane	338	C24H50	000646-31-1	70



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

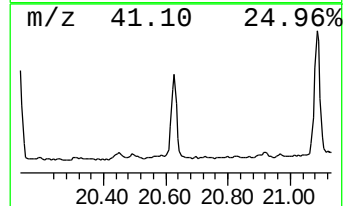
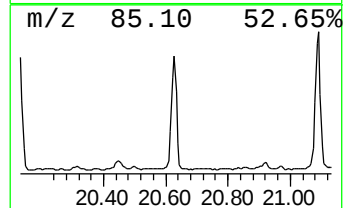
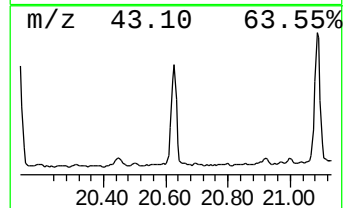
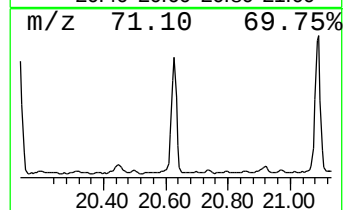
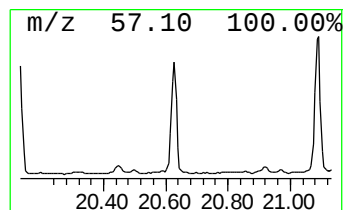
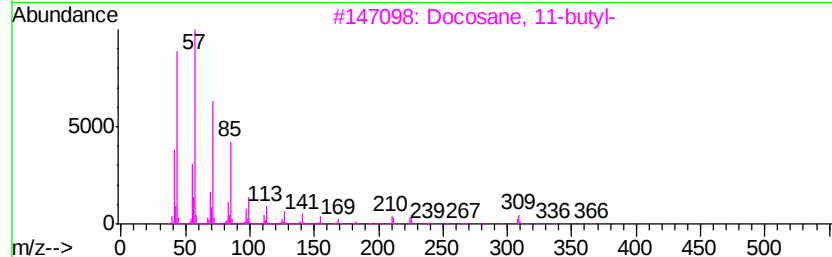
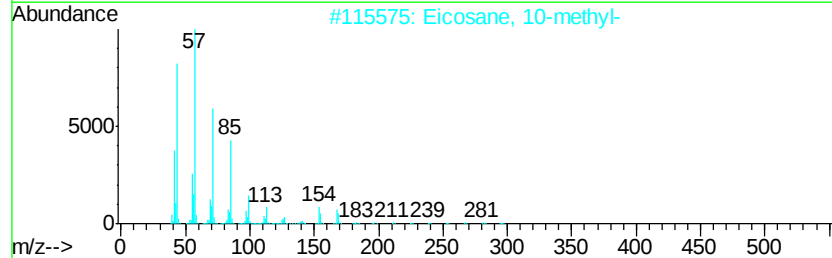
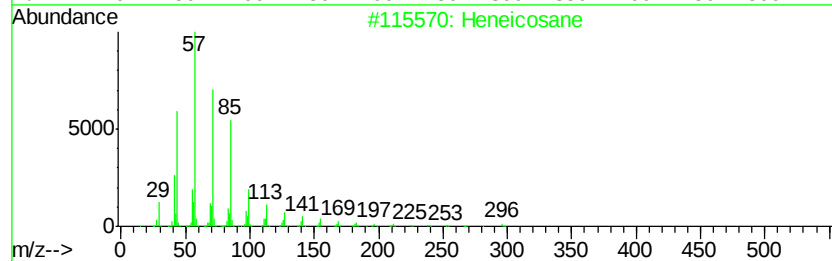
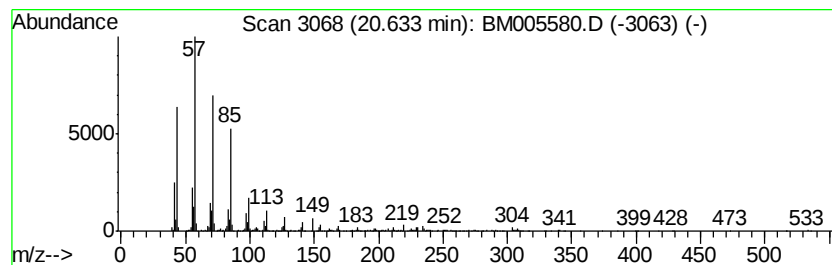
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	5.81 ng/ul	679088	Chrysene-d12	21.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	98
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3			Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4			Hexadecane	226	C16H34	000544-76-3	91
5			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

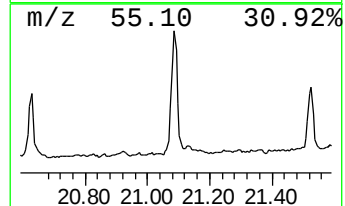
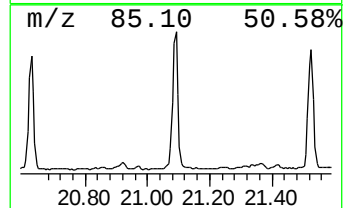
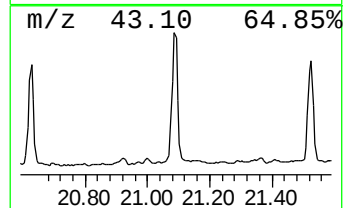
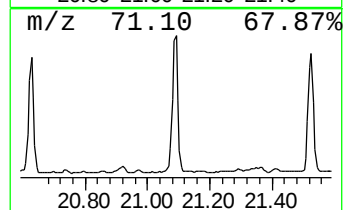
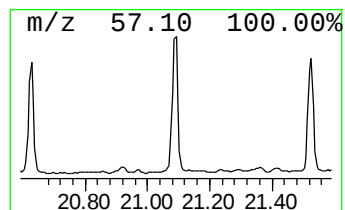
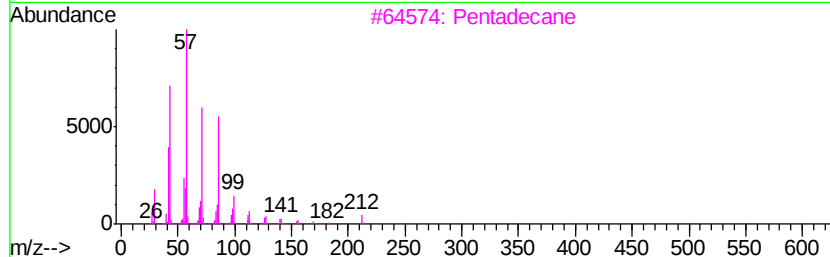
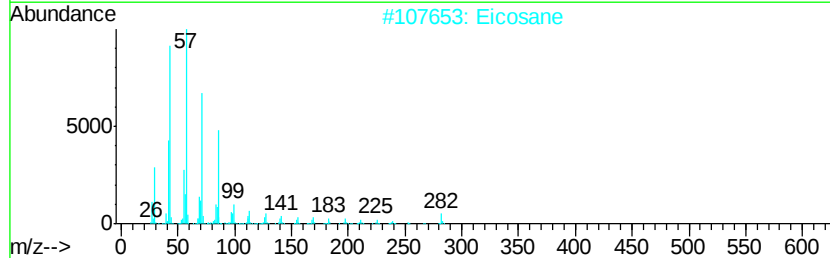
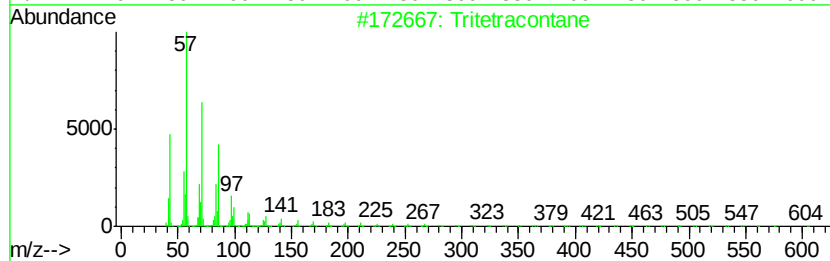
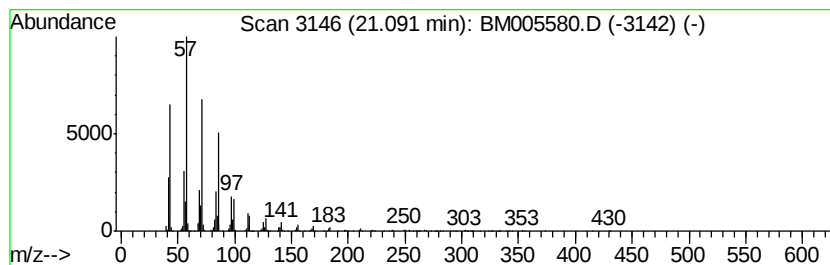
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	9.64 ng/ul	1126050	Chrysene-d12	21.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	87
2			Eicosane	282	C20H42	000112-95-8	68
3			Pentadecane	212	C15H32	000629-62-9	62
4			Tetradecane	198	C14H30	000629-59-4	62
5			Pentadecane	212	C15H32	000629-62-9	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

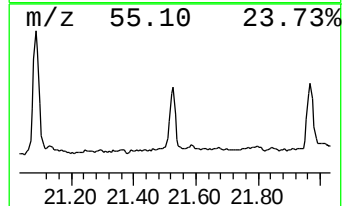
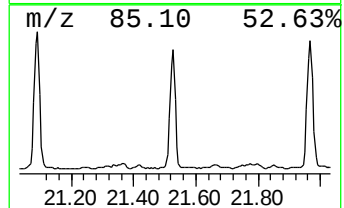
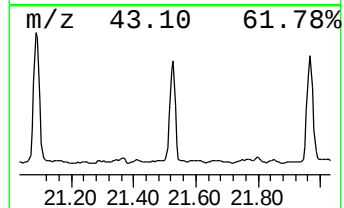
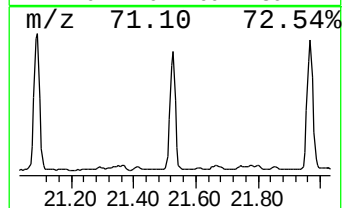
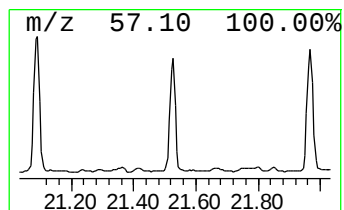
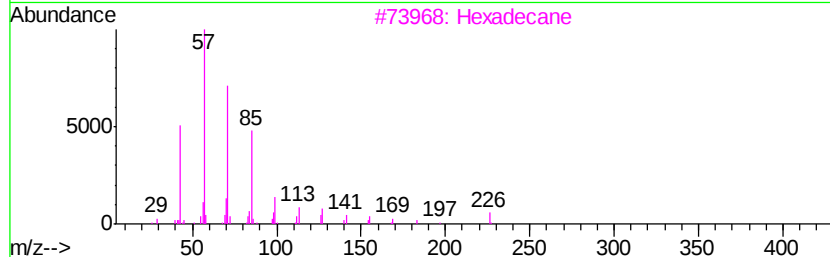
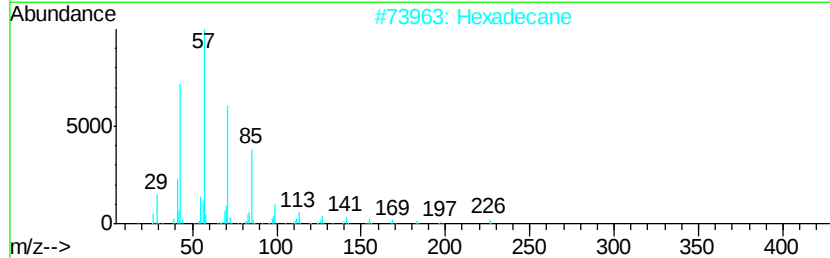
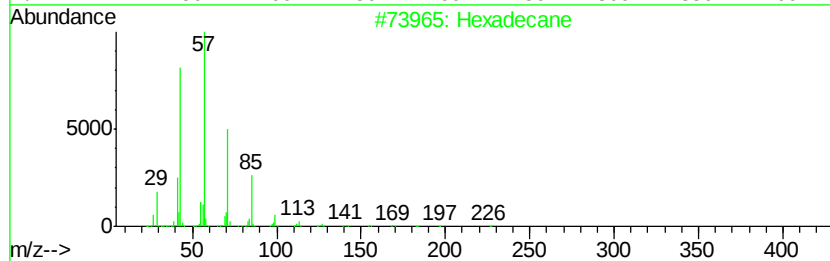
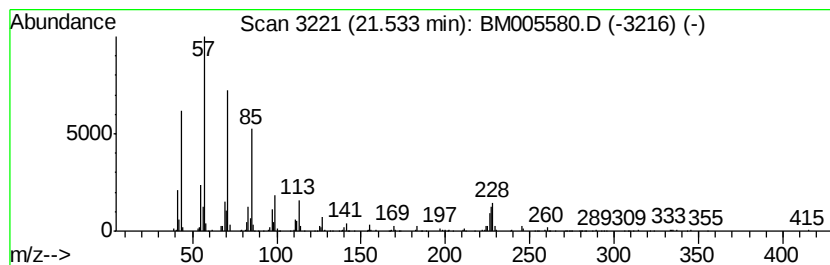
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	7.23 ng/ul	844603	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Hexadecane	226	C16H34	000544-76-3	95
3		Hexadecane	226	C16H34	000544-76-3	91
4		Heneicosane	296	C21H44	000629-94-7	87
5		Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

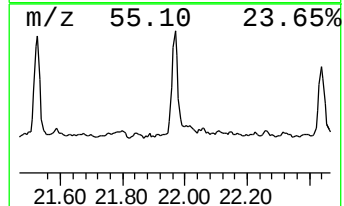
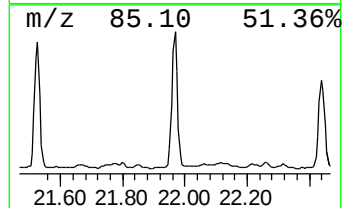
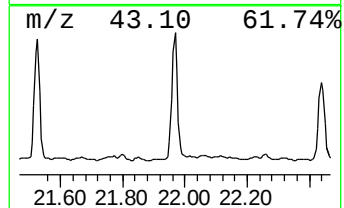
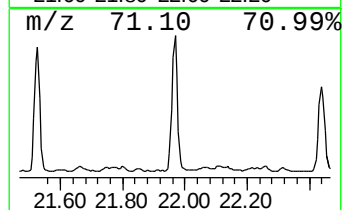
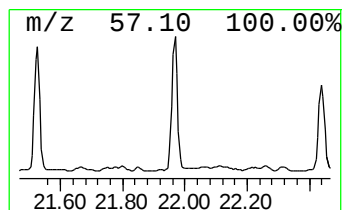
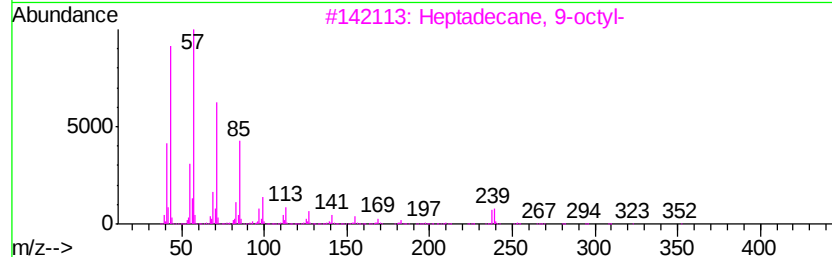
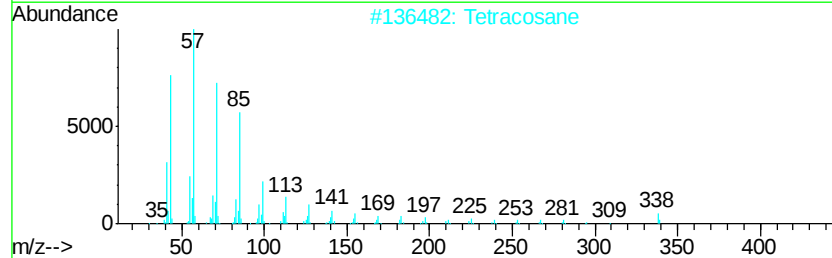
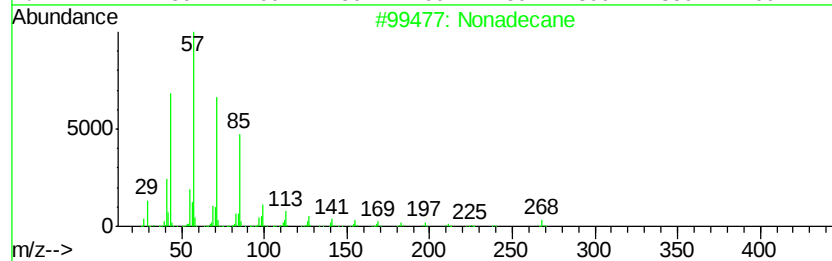
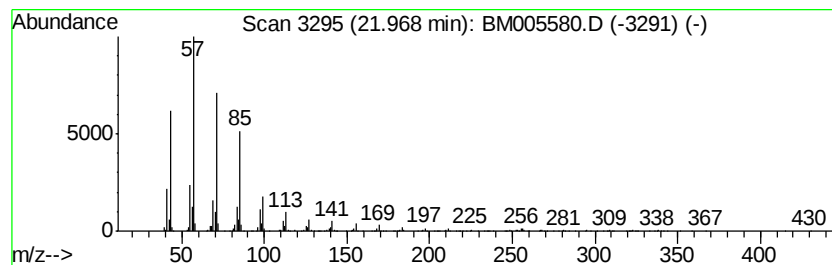
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.97	7.53 ng/ul	879351	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Tetracosane	338	C24H50	000646-31-1	94
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005580.D
Acq On : 22 May 2016 09:04
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT2

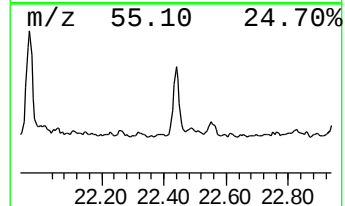
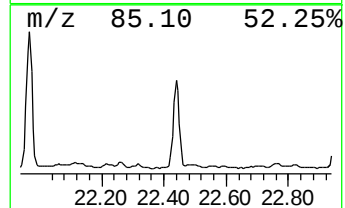
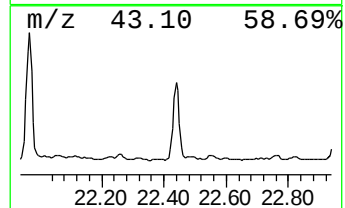
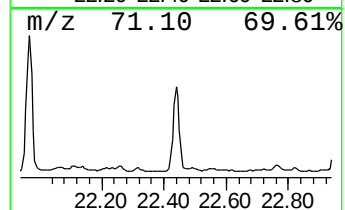
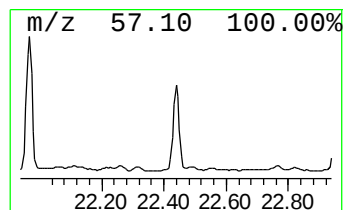
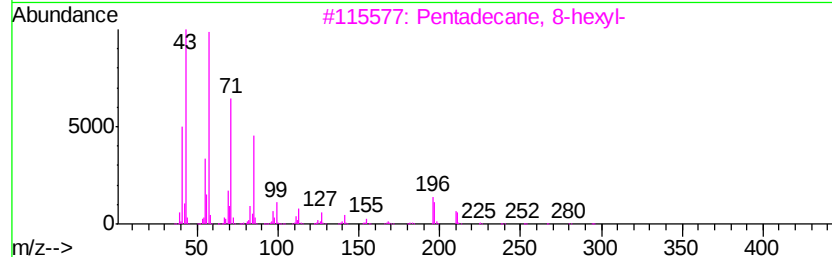
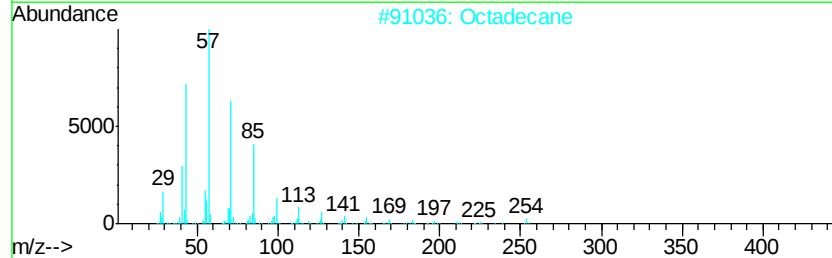
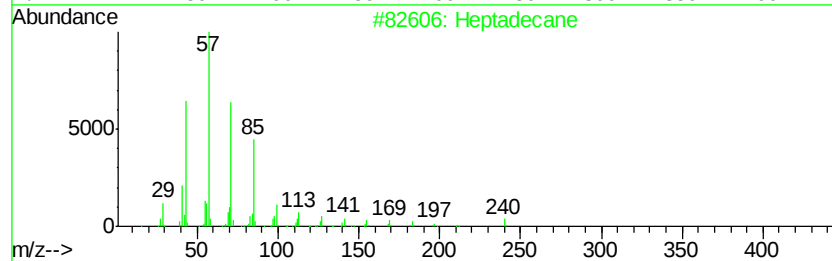
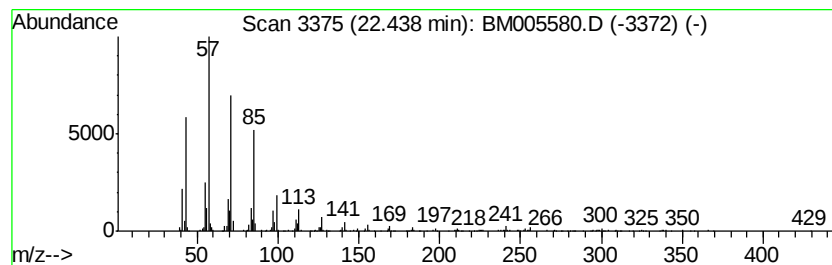
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	3.97 ng/ul	464016	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Octadecane	254	C18H38	000593-45-3	95
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4		Tetracosane	338	C24H50	000646-31-1	94
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005580.D
 Acq On : 22 May 2016 09:04
 Operator : UM/SJ
 Sample : H2890-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.57	4.1	ng/ul	185382	1	7.83	914237	20.0
(DEL) Alkane: Str...	4.38	3.3	ng/ul	148979	1	7.83	914237	20.0
(DEL) Alkane: Cyc...	5.04	4.3	ng/ul	195151	1	7.83	914237	20.0
(DEL) Alkane: Str...	5.20	3.0	ng/ul	136591	1	7.83	914237	20.0
Benzene, 1,3-dime...	5.48	13.1	ng/ul	598011	1	7.83	914237	20.0
(DEL) Alkane: Cyc...	6.33	3.7	ng/ul	168896	1	7.83	914237	20.0
(DEL) Alkane: Str...	6.50	3.9	ng/ul	179828	1	7.83	914237	20.0
Benzene, 1-ethyl-...	6.92	2.6	ng/ul	117251	1	7.83	914237	20.0
Benzene, 1-ethyl-...	7.22	4.1	ng/ul	186293	1	7.83	914237	20.0
(DEL) Alkane: Str...	7.45	4.9	ng/ul	225568	1	7.83	914237	20.0
Benzene, 1,2,3-tr...	7.47	7.2	ng/ul	329314	1	7.83	914237	20.0
(DEL) Alkane: Str...	9.05	8.7	ng/ul	398638	1	7.83	914237	20.0
(DEL) Alkane: Str...	10.04	4.2	ng/ul	189322	2	10.62	896631	20.0
(DEL) Alkane: Str...	11.53	3.4	ng/ul	151960	2	10.62	896631	20.0
(DEL) Alkane: Str...	11.63	9.5	ng/ul	427661	2	10.62	896631	20.0
(DEL) Alkane: Str...	12.03	19.0	ng/ul	852029	2	10.62	896631	20.0
(DEL) Alkane: Str...	12.99	5.0	ng/ul	358726	3	14.46	1439370	20.0
Naphthalene, 1-et...	13.49	2.5	ng/ul	181723	3	14.46	1439370	20.0
Naphthalene, 2,6-...	13.62	4.5	ng/ul	325644	3	14.46	1439370	20.0
Naphthalene, 1,7-...	13.78	10.5	ng/ul	758619	3	14.46	1439370	20.0
Naphthalene, 2,3-...	14.02	6.9	ng/ul	497486	3	14.46	1439370	20.0
Naphthalene, 1,5-...	14.05	2.1	ng/ul	148761	3	14.46	1439370	20.0
(DEL) Alkane: Str...	14.36	7.2	ng/ul	514882	3	14.46	1439370	20.0
2-Naphthalenecarb...	14.75	2.8	ng/ul	202316	3	14.46	1439370	20.0
(DEL) Alkane: Str...	14.97	2.7	ng/ul	193008	3	14.46	1439370	20.0
(DEL) Alkane: Str...	15.30	7.6	ng/ul	546188	3	14.46	1439370	20.0
(DEL) Alkane: Str...	15.71	7.4	ng/ul	530450	3	14.46	1439370	20.0
(DEL) Alkane: Str...	16.19	42.6	ng/ul	3059040	4	17.20	1437080	20.0
(DEL) Alkane: Str...	16.96	12.4	ng/ul	893747	4	17.20	1437080	20.0
(DEL) Alkane: Str...	17.01	5.6	ng/ul	400601	4	17.20	1437080	20.0
(DEL) Alkane: Str...	17.69	11.1	ng/ul	794825	4	17.20	1437080	20.0
(DEL) Alkane: Str...	18.39	9.4	ng/ul	678304	4	17.20	1437080	20.0
(DEL) Alkane: Str...	19.02	13.5	ng/ul	969680	4	17.20	1437080	20.0
(DEL) Alkane: Str...	20.13	5.5	ng/ul	636438	5	21.38	2337090	20.0
(DEL) Alkane: Str...	20.63	5.8	ng/ul	679088	5	21.38	2337090	20.0
(DEL) Alkane: Str...	21.09	9.6	ng/ul	1126050	5	21.38	2337090	20.0
(DEL) Alkane: Str...	21.53	7.2	ng/ul	844603	5	21.38	2337090	20.0
(DEL) Alkane: Str...	21.97	7.5	ng/ul	879351	5	21.38	2337090	20.0
(DEL) Alkane: Str...	22.44	4.0	ng/ul	464016	5	21.38	2337090	20.0