

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012513.D
 Acq On : 28 Oct 2017 07:51
 Operator : SJ/JU
 Sample : I5786-01 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-38(FILL)_100917

Integration Parameters: LSCINT.P

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

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

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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	6.152	514	521	530	rBV7	203276	546227	1.28%	0.145%
2	6.546	585	588	598	rVB2	379754	672642	1.58%	0.178%
3	6.875	638	644	649	rVB	1040344	1524483	3.58%	0.404%
4	7.028	664	670	679	rBV5	816248	2231324	5.24%	0.591%
5	7.105	679	683	689	rVB3	315555	581422	1.36%	0.154%
6	7.205	694	700	705	rVB4	608998	1130725	2.65%	0.299%
7	7.405	729	734	747	rVB3	845578	2224993	5.22%	0.589%
8	7.716	777	787	792	rBV3	614146	1433045	3.36%	0.379%
9	7.857	804	811	820	rVB2	4629800	9187979	21.57%	2.433%
10	7.940	820	825	830	rBV2	336653	603281	1.42%	0.160%
11	8.005	830	836	841	rBV	1226330	1976813	4.64%	0.523%
12	8.063	841	846	848	rBV2	505308	698461	1.64%	0.185%
13	8.105	848	853	860	rBV	8074516	12883628	30.24%	3.412%
14	8.287	880	884	891	rBV3	423159	929378	2.18%	0.246%
15	8.357	891	896	900	rBV	1123729	1744200	4.09%	0.462%
16	8.416	900	906	910	rBV	7451927	12023393	28.22%	3.184%
17	8.546	918	928	936	rBV	4733146	8288560	19.45%	2.195%
18	8.616	936	940	946	rVB2	512082	922638	2.17%	0.244%
19	8.752	957	963	966	rBV	2937198	4761854	11.18%	1.261%
20	8.781	966	968	975	rVB	1705046	2235140	5.25%	0.592%
21	8.904	985	989	991	rBV	690049	1032077	2.42%	0.273%
22	8.981	998	1002	1007	rVB3	967772	1773986	4.16%	0.470%
23	9.063	1012	1016	1020	rBV3	883915	1871328	4.39%	0.496%
24	9.104	1020	1023	1032	rVB2	1383138	3095543	7.27%	0.820%
25	9.193	1032	1038	1040	rBV3	772862	1444943	3.39%	0.383%
26	9.393	1068	1072	1076	rVB	1012534	1317878	3.09%	0.349%
27	9.446	1076	1081	1086	rVB2	2218040	3555474	8.35%	0.942%
28	9.493	1086	1089	1095	rVB4	359383	706785	1.66%	0.187%
29	9.551	1095	1099	1104	rBV3	511518	1082567	2.54%	0.287%
30	9.634	1110	1113	1118	rVB	788470	1220287	2.86%	0.323%
31	9.693	1118	1123	1126	rBV	579666	838402	1.97%	0.222%
32	9.746	1126	1132	1137	rBV2	599885	1162928	2.73%	0.308%
33	9.846	1144	1149	1157	rBV4	609658	1501281	3.52%	0.398%
34	9.951	1161	1167	1173	rBV2	769415	1738791	4.08%	0.460%

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35	10.046	1179	1183	1184	rBV	652302	843185	1.98%	0.223%
36	10.075	1184	1188	1195	rVB	4125994	6083914	14.28%	1.611%
37	10.151	1195	1201	1204	rBV	2552241	3862660	9.07%	1.023%
38	10.181	1204	1206	1212	rVB	1082761	1450113	3.40%	0.384%
39	10.251	1212	1218	1221	rBV2	947672	1718573	4.03%	0.455%
40	10.398	1238	1243	1246	rBV	501129	715954	1.68%	0.190%
41	10.534	1260	1266	1273	rBV6	280042	739600	1.74%	0.196%
42	10.663	1278	1288	1292	rVV	2545454	4836362	11.35%	1.281%
43	10.698	1292	1294	1304	rVB4	493223	763822	1.79%	0.202%
44	10.957	1334	1338	1347	rBV3	234828	652693	1.53%	0.173%
45	11.581	1438	1444	1450	rVB4	301144	568271	1.33%	0.150%
46	13.904	1834	1839	1844	rVB	779082	1017447	2.39%	0.269%
47	14.192	1882	1888	1891	rBV	945762	1501244	3.52%	0.398%
48	14.222	1891	1893	1899	rVB	467012	614547	1.44%	0.163%
49	14.498	1931	1940	1947	rBV2	3392478	5370263	12.60%	1.422%
50	14.563	1947	1951	1958	rVB	361026	550214	1.29%	0.146%
51	14.898	2003	2008	2016	rVB	301898	541080	1.27%	0.143%
52	15.492	2103	2109	2114	rBV	1207669	1681847	3.95%	0.445%
53	15.545	2114	2118	2126	rVV	443641	614160	1.44%	0.163%
54	15.851	2164	2170	2178	rVB2	338282	593424	1.39%	0.157%
55	16.645	2301	2305	2311	rBV	553239	731397	1.72%	0.194%
56	17.239	2401	2406	2410	rBV2	4140360	6128688	14.38%	1.623%
57	17.280	2410	2413	2419	rVV	6040217	8356875	19.61%	2.213%
58	17.339	2419	2423	2426	rVV	1372432	1948973	4.57%	0.516%
59	17.375	2426	2429	2434	rVB	1554716	1913734	4.49%	0.507%
60	17.639	2467	2474	2479	rBV2	647433	1057543	2.48%	0.280%
61	18.151	2550	2561	2568	rBV2	11439855	19463472	45.68%	5.154%
62	18.204	2568	2570	2574	rVV	751803	1116493	2.62%	0.296%
63	18.245	2574	2577	2582	rVV	568576	926452	2.17%	0.245%
64	18.310	2582	2588	2592	rVV2	1539713	2924151	6.86%	0.774%
65	18.345	2592	2594	2602	rVB	665135	904750	2.12%	0.240%
66	18.616	2636	2640	2643	rBV	638794	836897	1.96%	0.222%
67	18.657	2643	2647	2653	rVB3	560550	844831	1.98%	0.224%
68	18.863	2678	2682	2685	rVB	474534	594871	1.40%	0.158%
69	19.033	2706	2711	2715	rBV2	704782	1214409	2.85%	0.322%
70	19.169	2729	2734	2742	rVB3	751604	1569048	3.68%	0.416%
71	19.298	2750	2756	2762	rBV	14283117	19993802	46.93%	5.295%

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72	19.351	2763	2765	2769	rVV2	595114	770578	1.81%	0.204%
73	19.416	2769	2776	2785	rVV4	5221730	8327548	19.55%	2.205%
74	19.627	2807	2812	2814	rBV3	3523817	5140853	12.07%	1.361%
75	19.657	2814	2817	2826	rVV	11158286	14986840	35.18%	3.969%
76	19.727	2826	2829	2834	rVB2	504657	741120	1.74%	0.196%
77	19.833	2843	2847	2851	rBV	626150	938244	2.20%	0.248%
78	19.886	2852	2856	2863	rVB2	838832	1706155	4.00%	0.452%
79	19.974	2867	2871	2879	rBV4	817777	2563994	6.02%	0.679%
80	20.145	2897	2900	2905	rVB2	1705874	2208475	5.18%	0.585%
81	20.251	2915	2918	2921	rVV	894252	986491	2.32%	0.261%
82	20.304	2922	2927	2932	rVB2	1045197	1948226	4.57%	0.516%
83	20.345	2932	2934	2938	rVB2	553731	596246	1.40%	0.158%
84	20.398	2940	2943	2945	rVV3	508772	557340	1.31%	0.148%
85	20.451	2949	2952	2954	rVV	553540	707868	1.66%	0.187%
86	20.492	2954	2959	2964	rVB3	966931	1950013	4.58%	0.516%
87	20.892	3024	3027	3033	rVB	1433722	1926252	4.52%	0.510%
88	21.063	3050	3056	3059	rBV2	1144238	2309948	5.42%	0.612%
89	21.098	3059	3062	3065	rBV	1053364	1219927	2.86%	0.323%
90	21.192	3074	3078	3085	rVB2	1404801	2024225	4.75%	0.536%
91	21.333	3097	3102	3106	rVB	37590902	42604946	100.00%	11.282%
92	21.404	3109	3114	3119	rVV3	10610876	20402819	47.89%	5.403%
93	21.451	3119	3122	3131	rVB	7354540	9286178	21.80%	2.459%
94	21.568	3139	3142	3148	rBV	1175693	1688814	3.96%	0.447%
95	21.733	3166	3170	3175	rBV3	1327243	2005719	4.71%	0.531%
96	23.027	3384	3390	3403	rVB	6982571	21822495	51.22%	5.779%
97	23.521	3469	3474	3480	rBV	3606695	6675906	15.67%	1.768%
98	23.621	3486	3491	3498	rVB	5898158	10939315	25.68%	2.897%
99	23.721	3503	3508	3513	rBV	3678101	6682297	15.68%	1.770%
100	26.068	3901	3907	3919	rVB	3370158	9715125	22.80%	2.573%

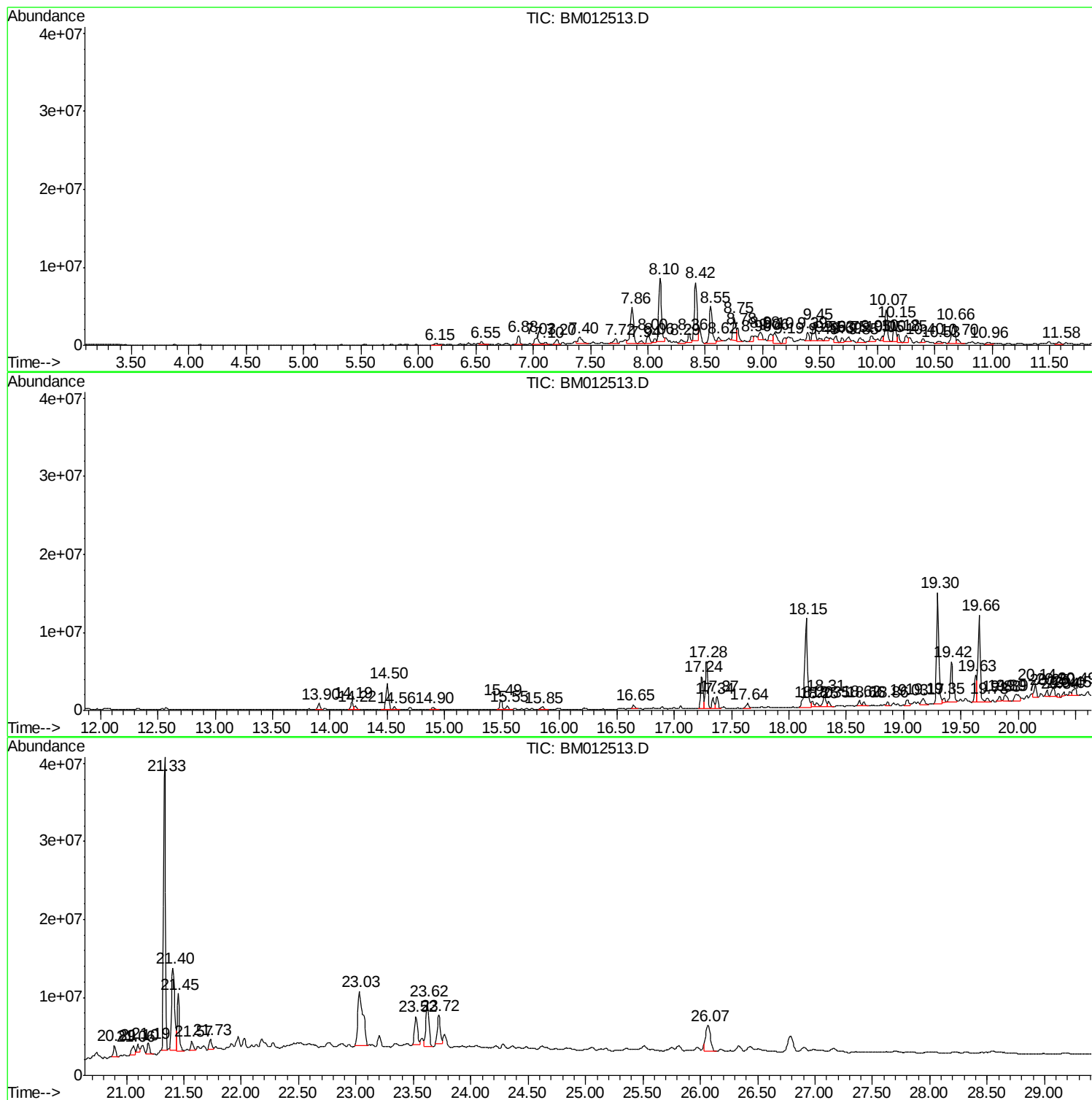
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



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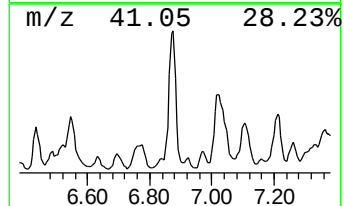
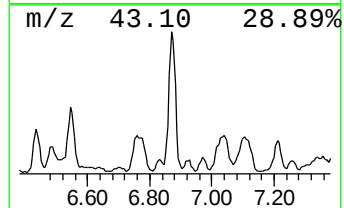
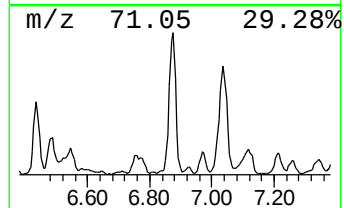
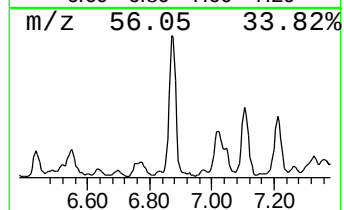
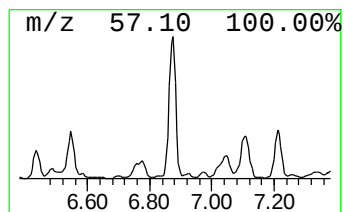
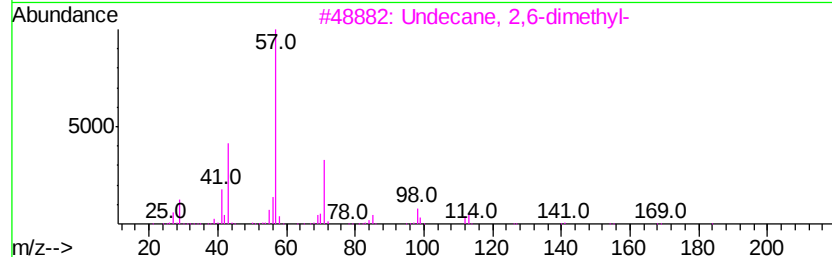
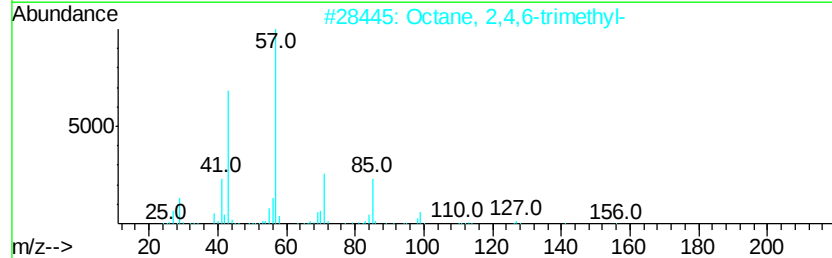
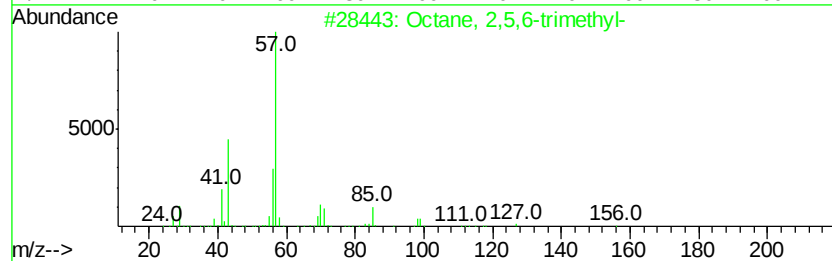
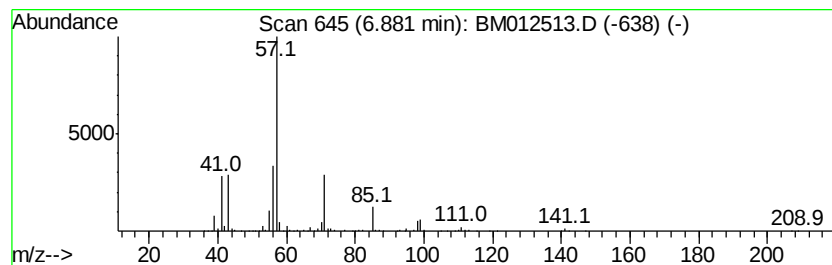
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	3.32 ng/ul	1524480	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
5			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47



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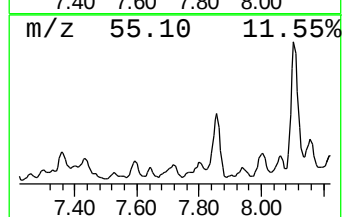
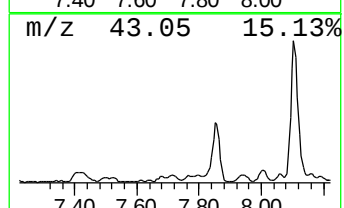
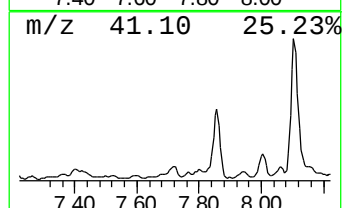
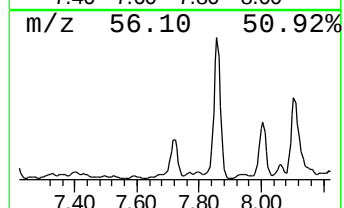
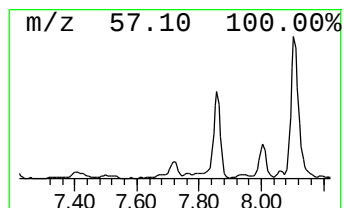
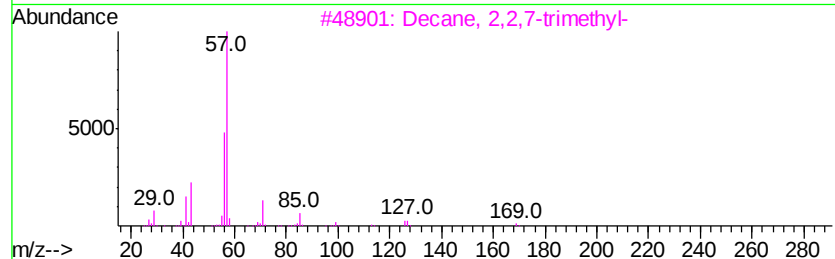
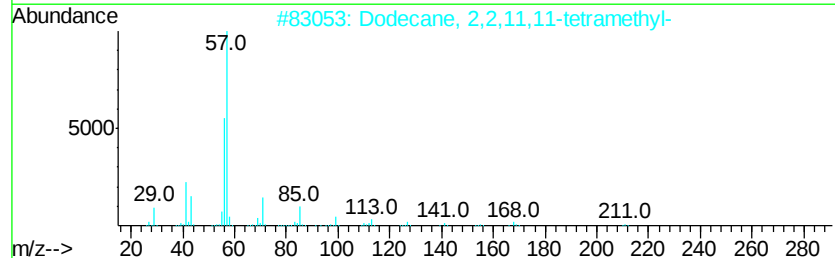
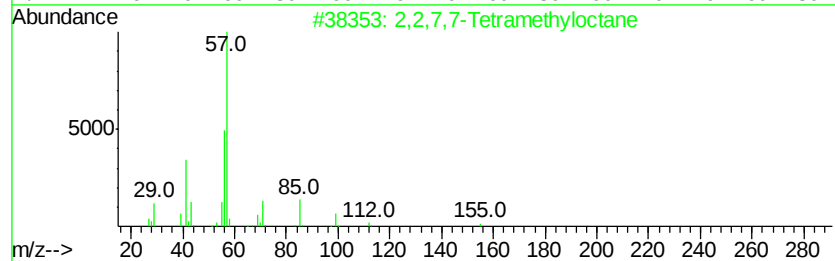
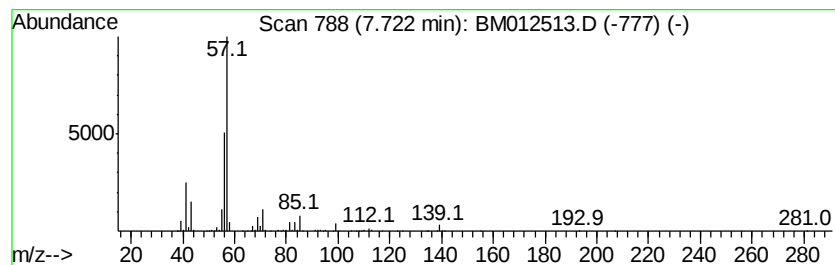
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	3.12 ng/ul	1433050	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	72
2			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
3			Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	64
4			Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	64
5			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64



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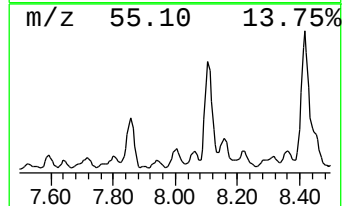
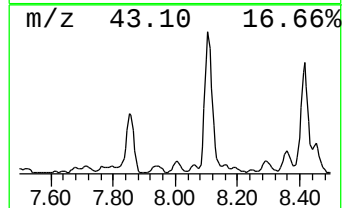
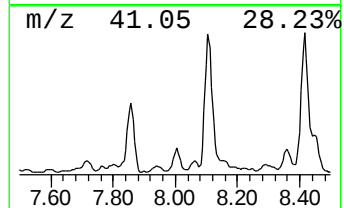
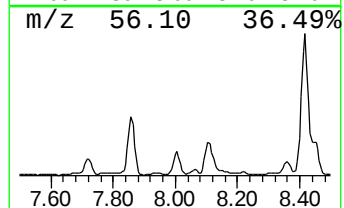
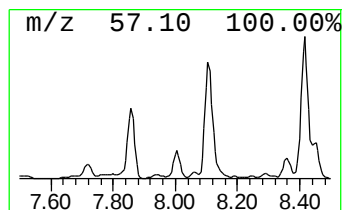
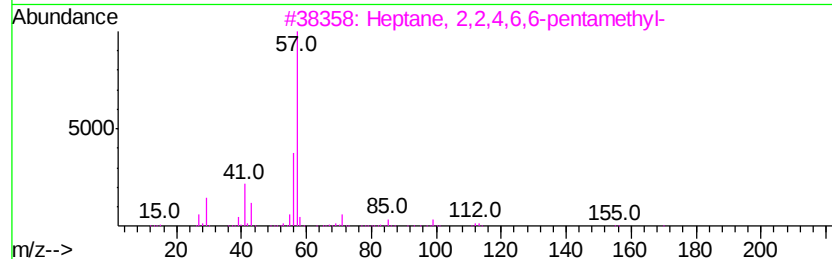
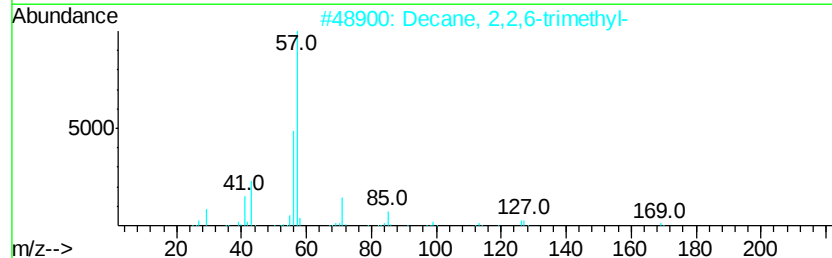
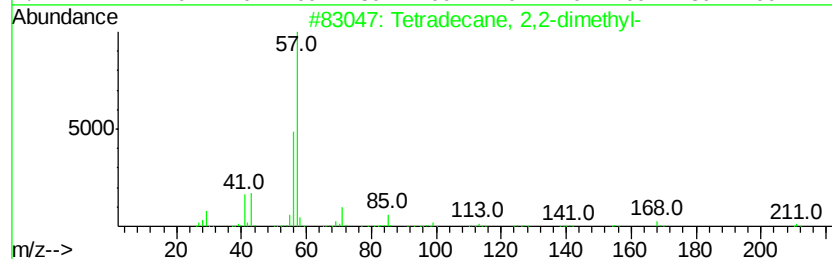
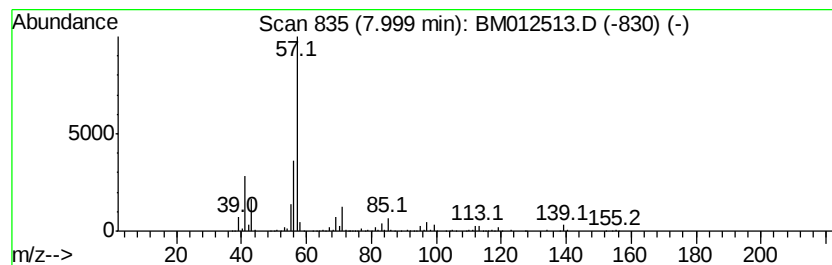
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	4.30 ng/ul	1976810	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
2		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	64
3		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
4		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	64
5		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	64



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Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
Operator : SJ/JU
Sample : I5786-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-38(FILL)_100917

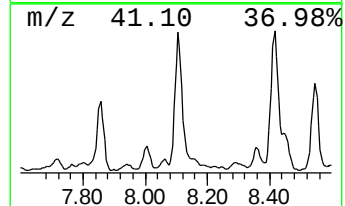
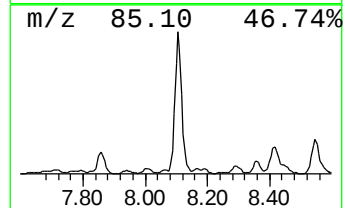
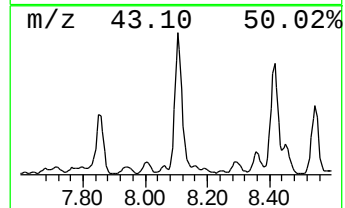
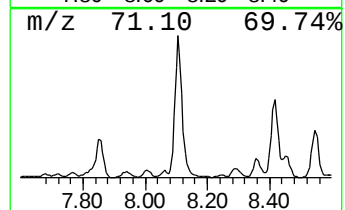
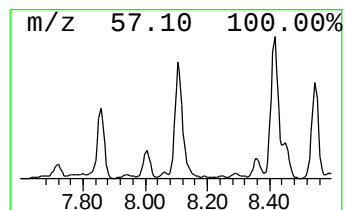
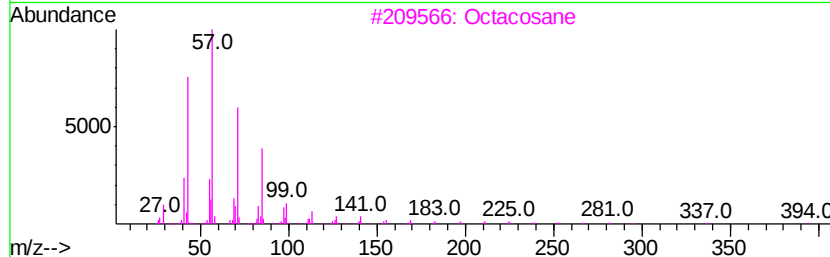
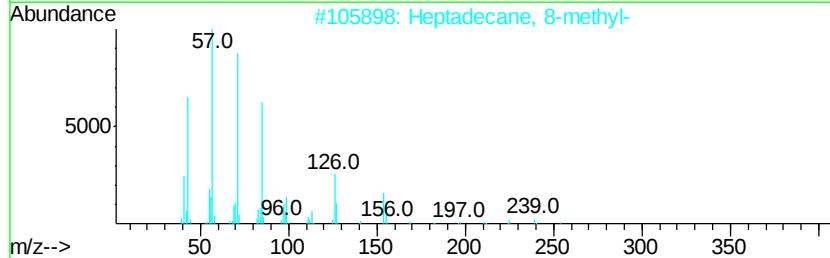
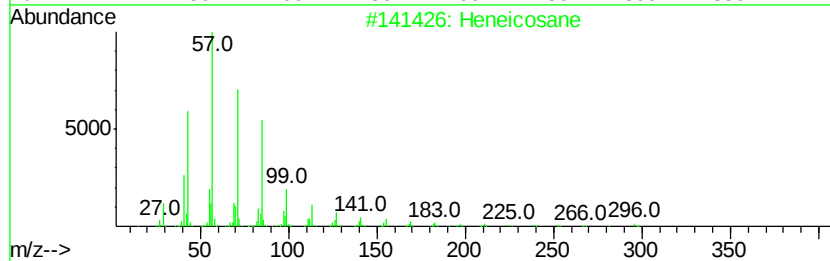
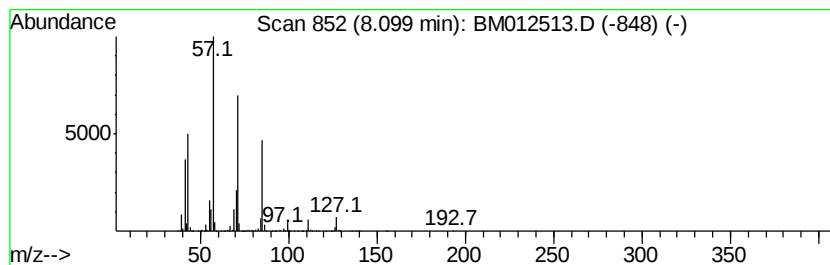
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	28.04 ng/ul	12883600	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	72
2		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
3		Octacosane	394	C28H58	000630-02-4	64
4		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	64
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64



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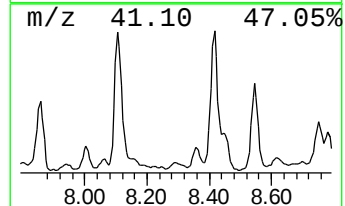
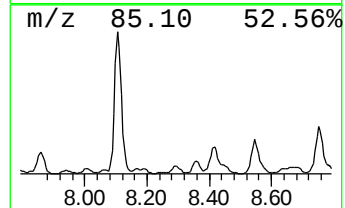
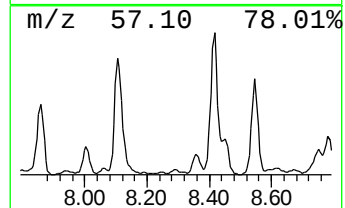
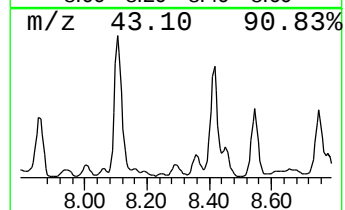
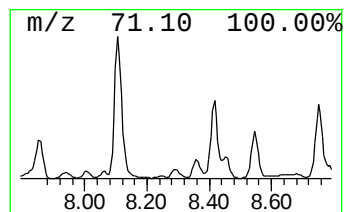
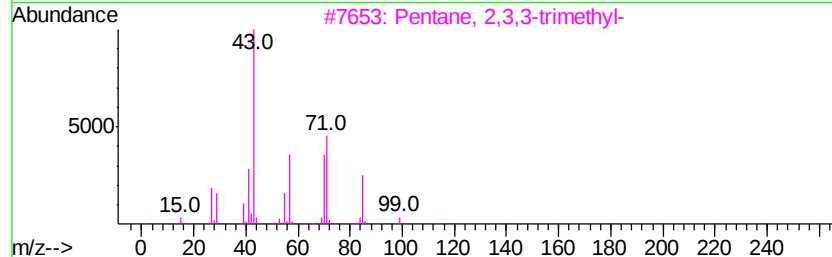
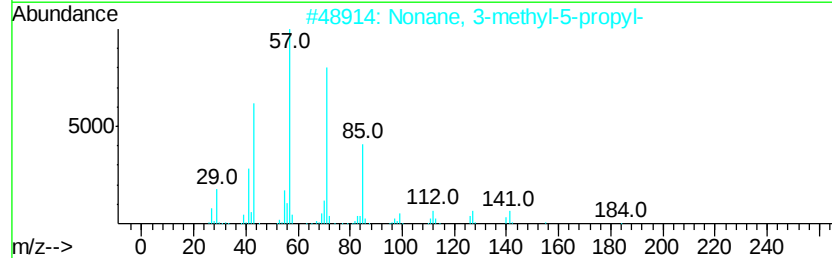
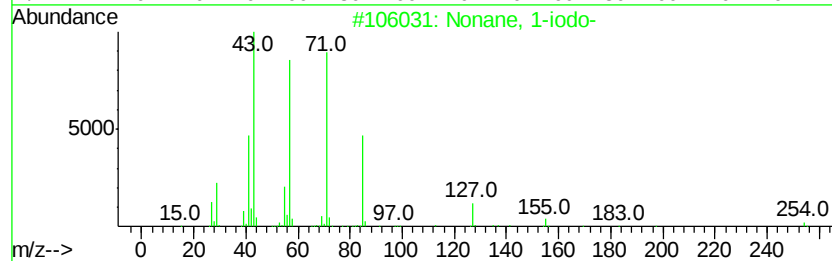
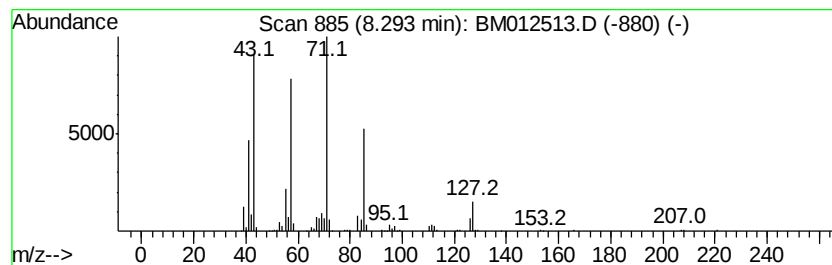
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	2.02 ng/ul	929378	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	80
2		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
3		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
4		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64



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Data File : BM012513.D
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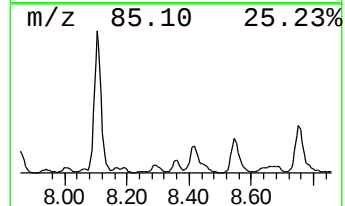
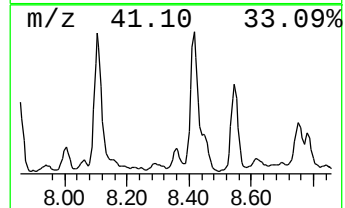
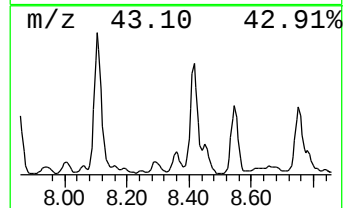
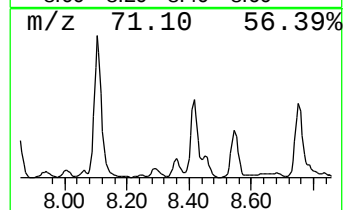
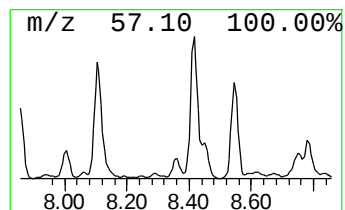
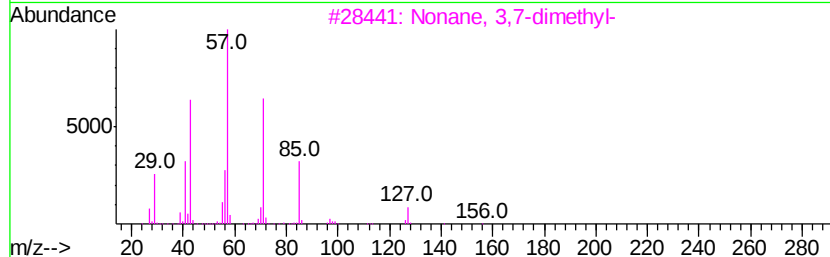
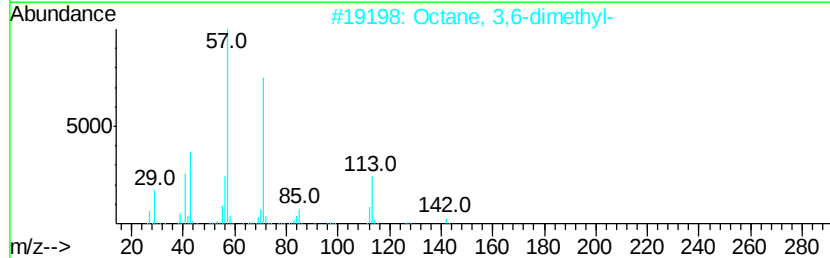
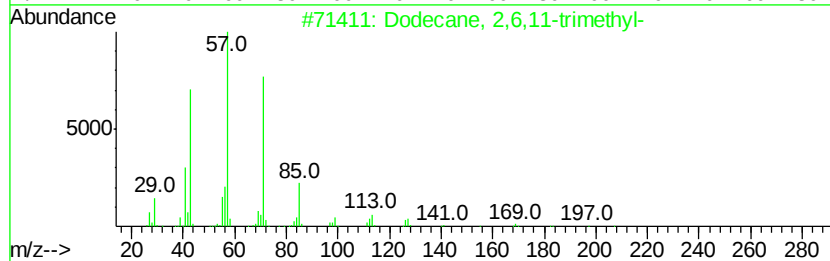
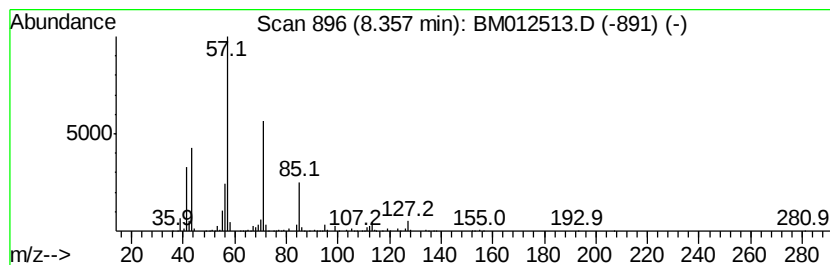
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	3.80 ng/ul	1744200	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
4			Decane, 3-methyl-	156	C11H24	013151-34-3	47
5			Pentadecane, 6-methyl-	226	C16H34	010105-38-1	47



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
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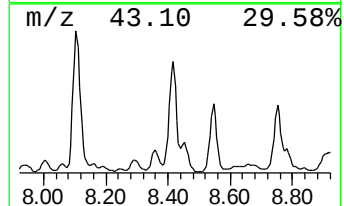
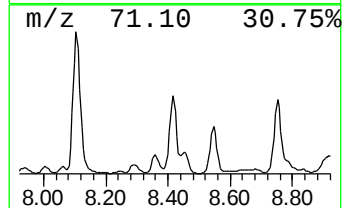
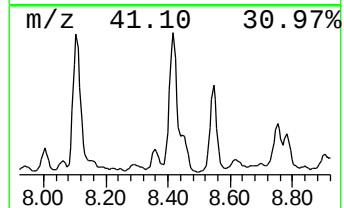
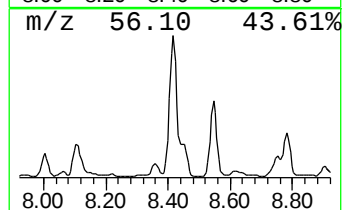
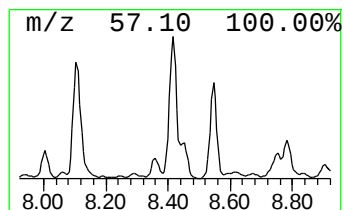
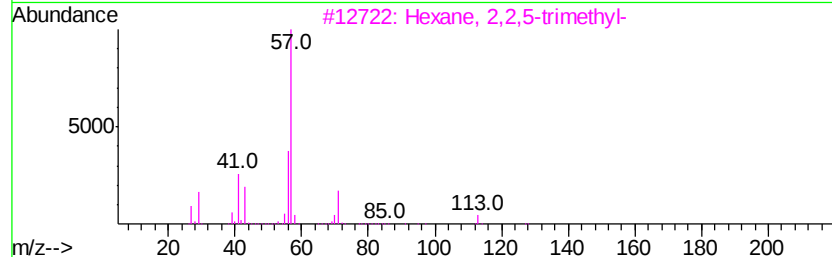
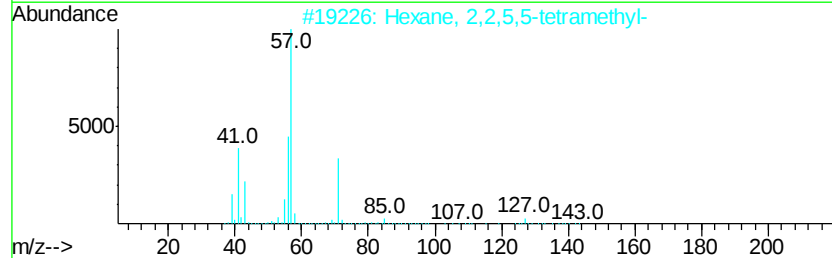
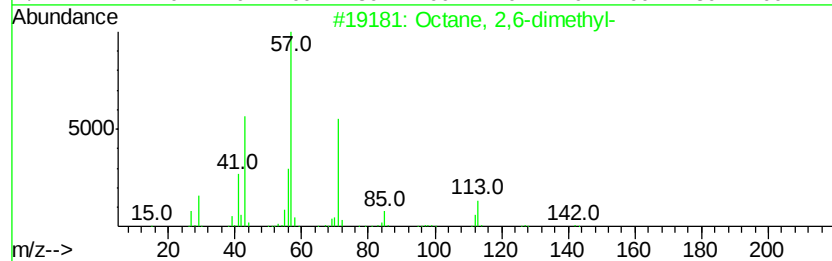
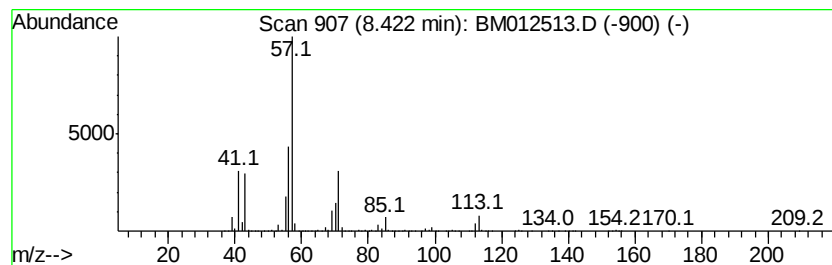
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	26.17 ng/ul	12023400	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
3		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
4		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	50



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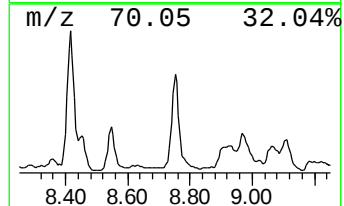
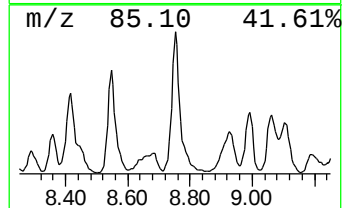
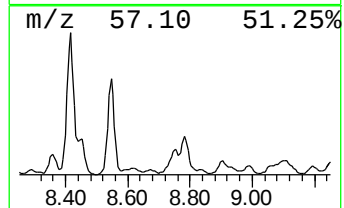
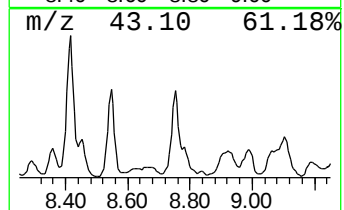
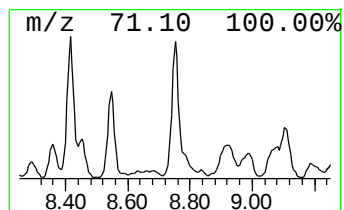
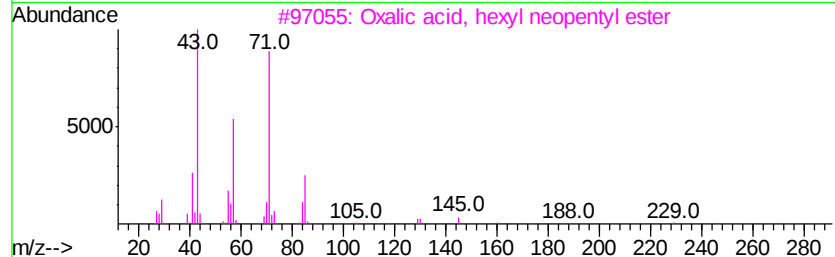
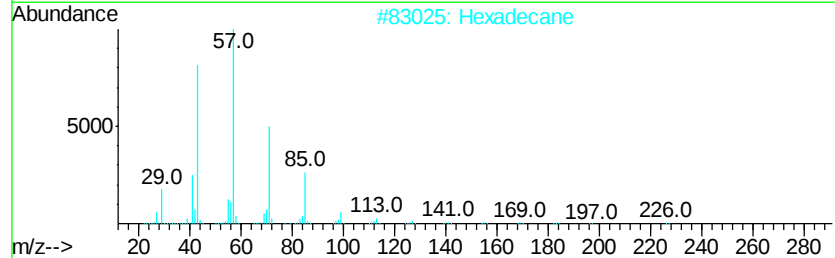
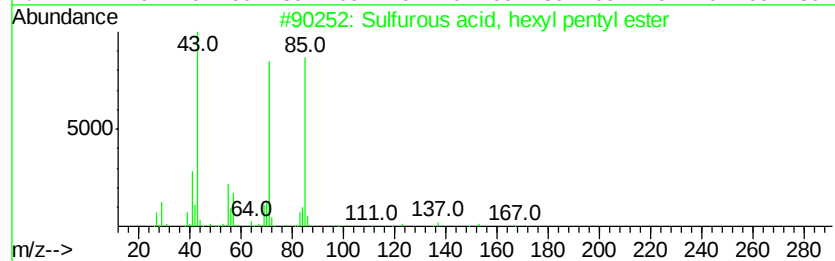
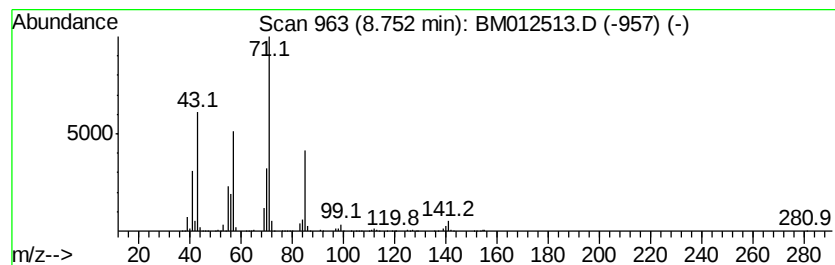
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Sulfurous acid, hexyl penty... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	10.37 ng/ul	4761850	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	80
2		Hexadecane	226	C16H34	000544-76-3	72
3		Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	72
4		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	64
5		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	64



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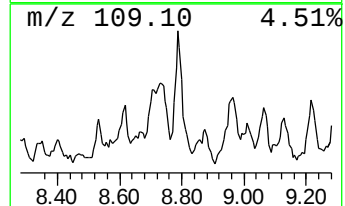
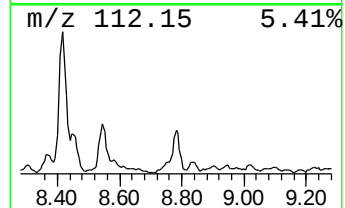
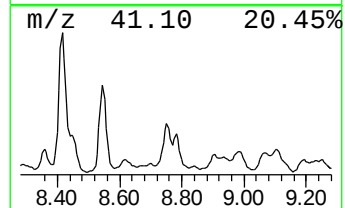
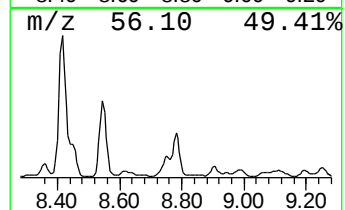
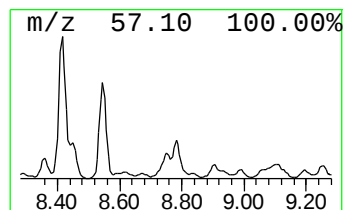
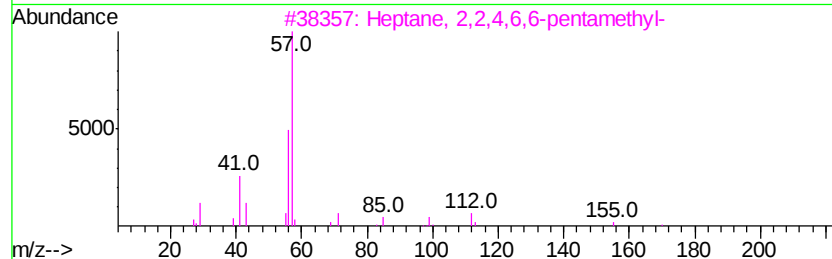
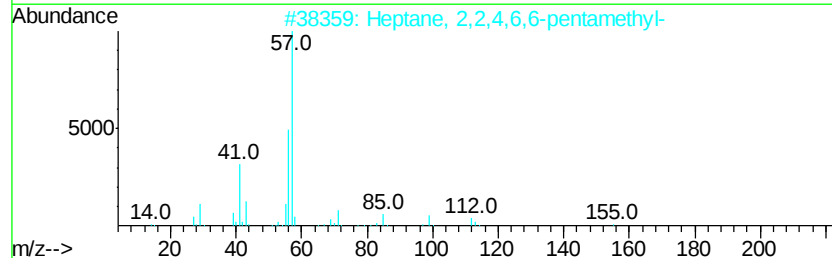
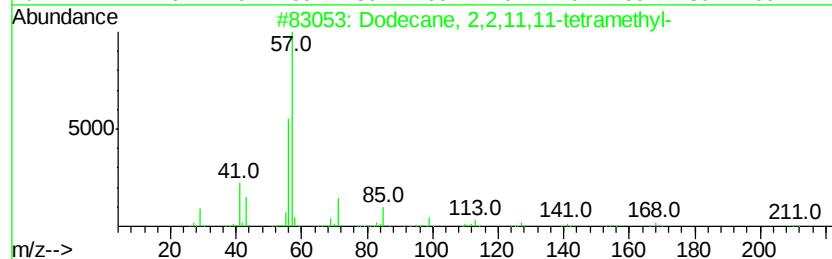
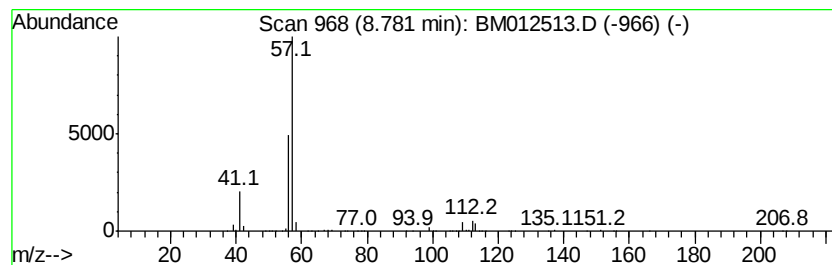
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	4.87 ng/ul	2235140	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	45
2			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	39
3			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	39
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	38
5			Methane, isocyanato-	57	C2H3NO	000624-83-9	9



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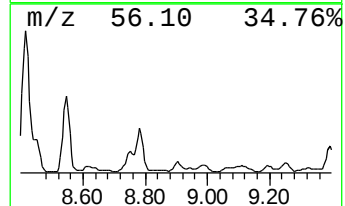
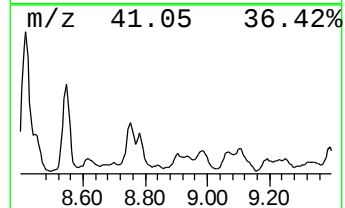
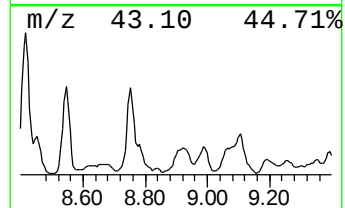
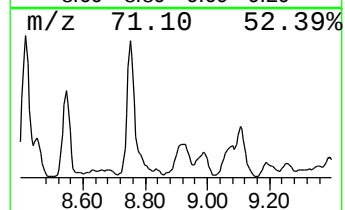
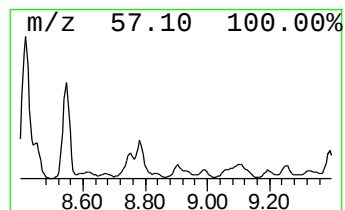
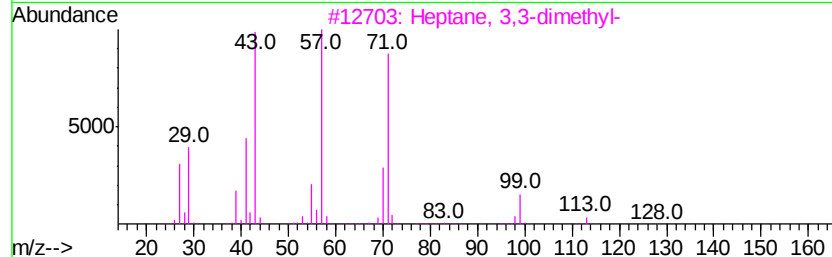
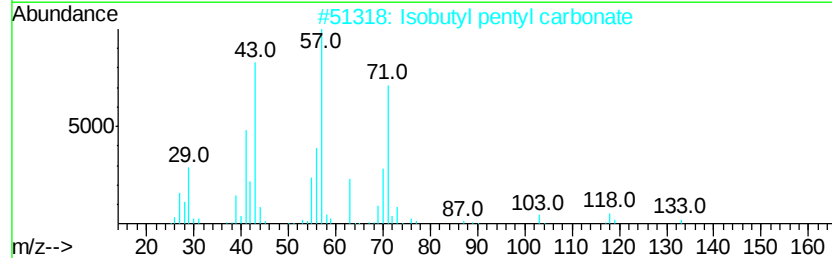
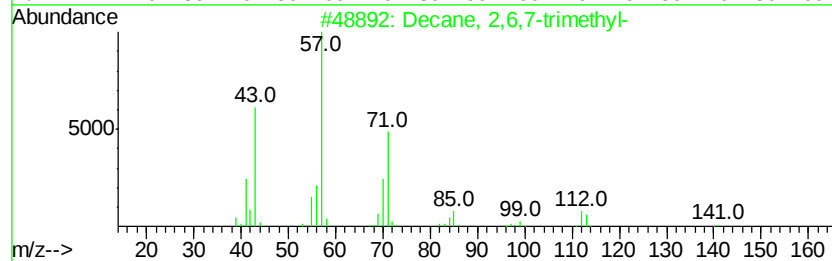
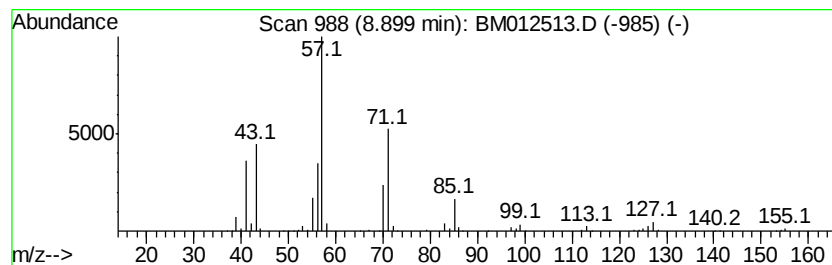
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	2.25 ng/ul	1032080	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
2		Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	59
3		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	50
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
5		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
Operator : SJ/JU
Sample : I5786-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-38(FILL)_100917

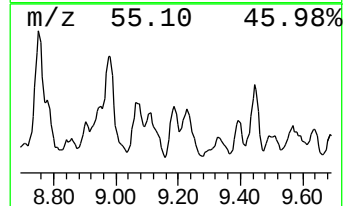
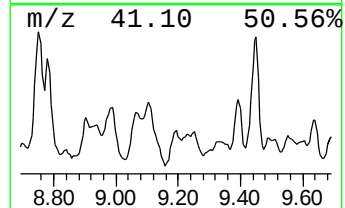
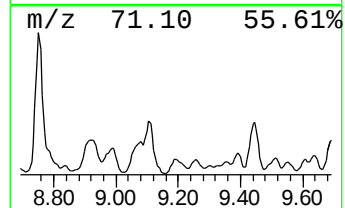
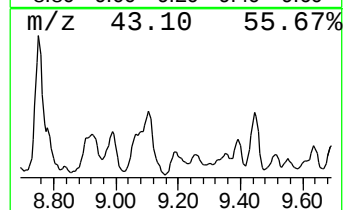
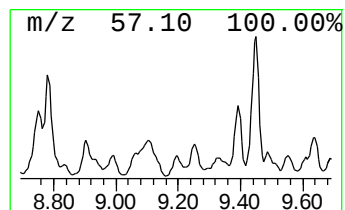
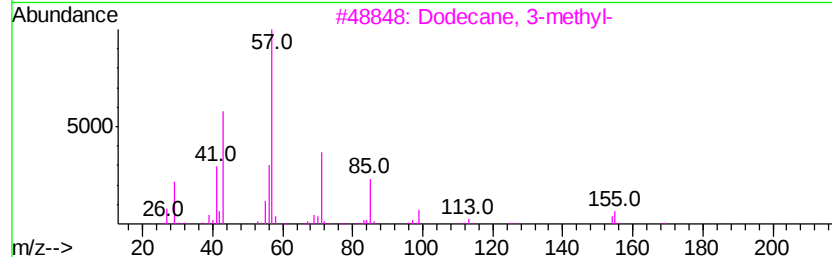
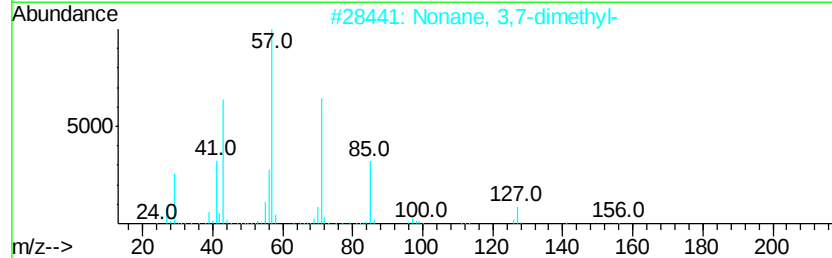
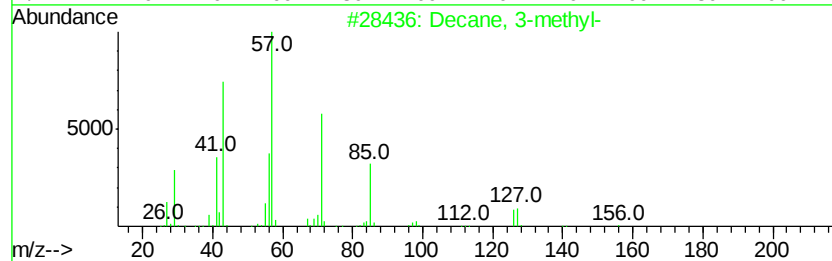
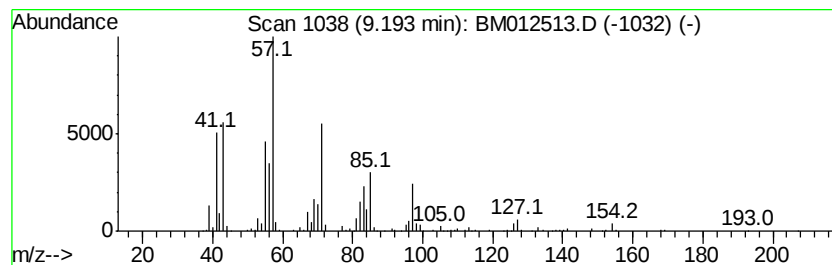
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	3.15 ng/ul	1444940	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	58
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	50
5		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	47



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
Operator : SJ/JU
Sample : I5786-01 5X
Misc :
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Instrument :
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ClientSampleId :
B-38(FILL)_100917

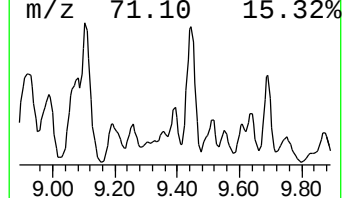
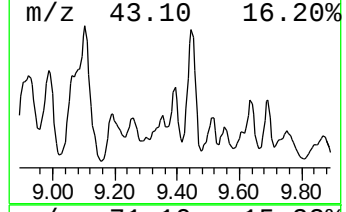
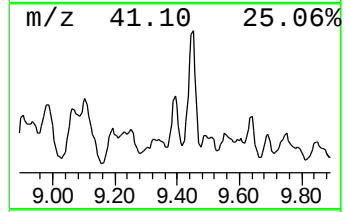
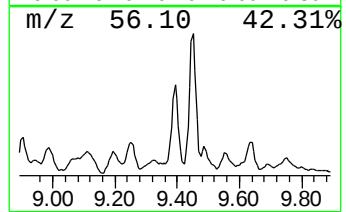
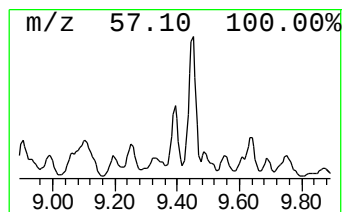
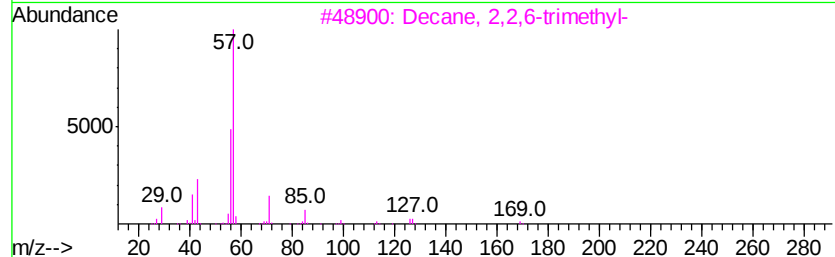
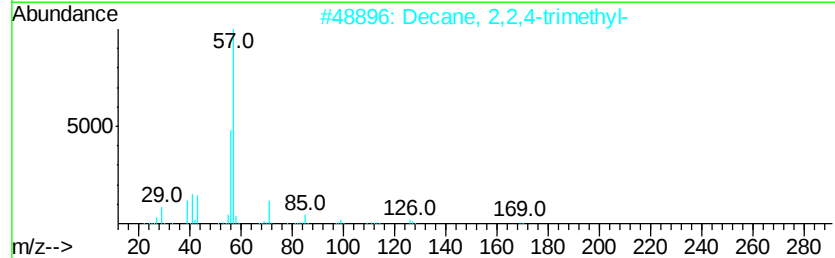
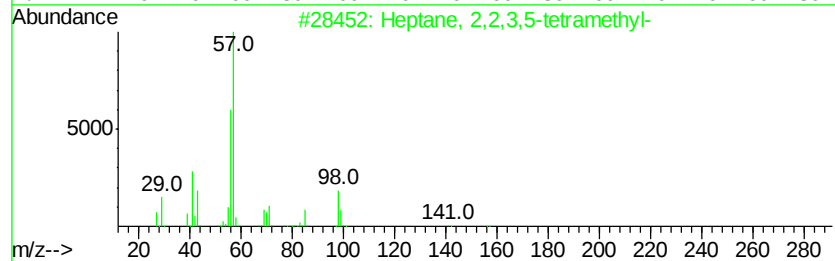
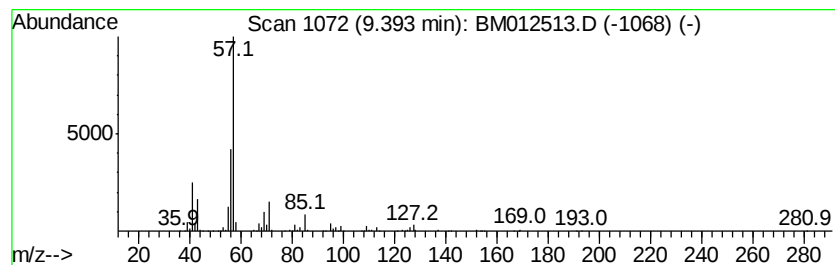
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	5.45 ng/ul	1317880	Napthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	72
2		Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	72
3		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	72
4		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72
5		Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
Operator : SJ/JU
Sample : I5786-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId :
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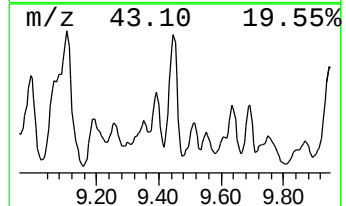
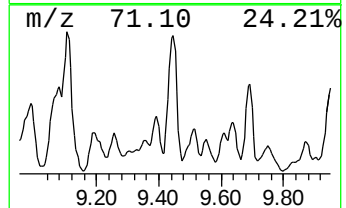
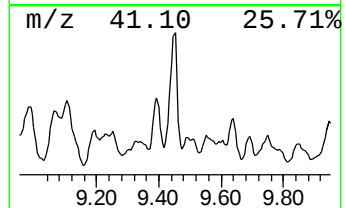
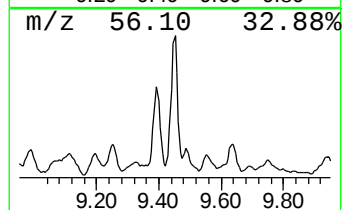
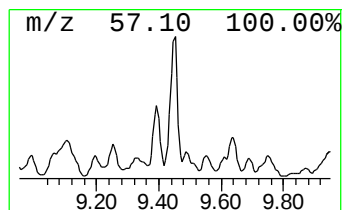
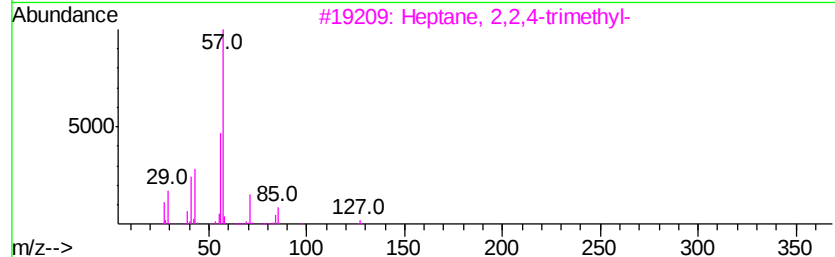
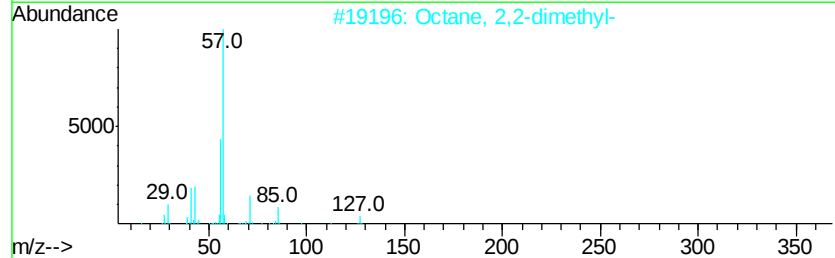
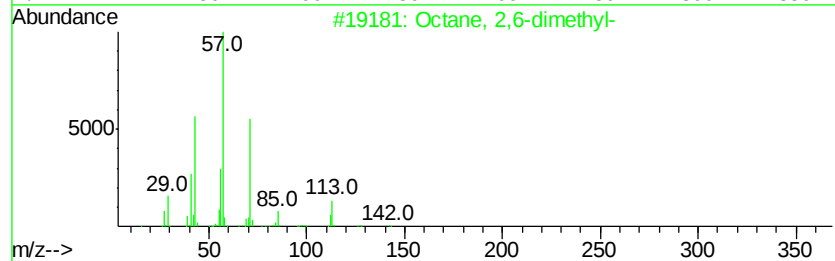
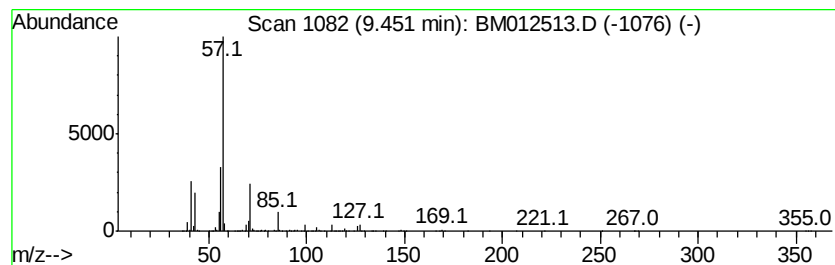
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	14.70 ng/ul	3555470	Napthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
2		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	53
3		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	53
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
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Sample : I5786-01 5X
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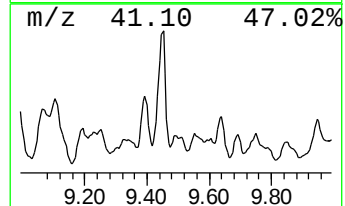
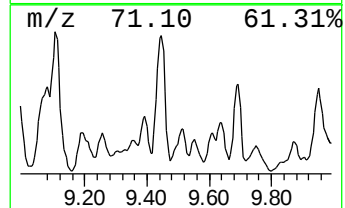
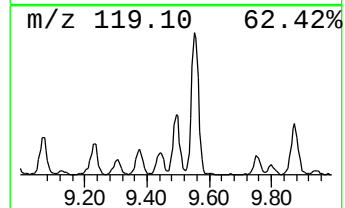
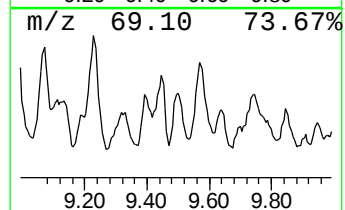
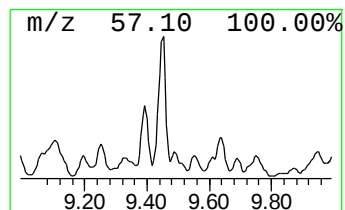
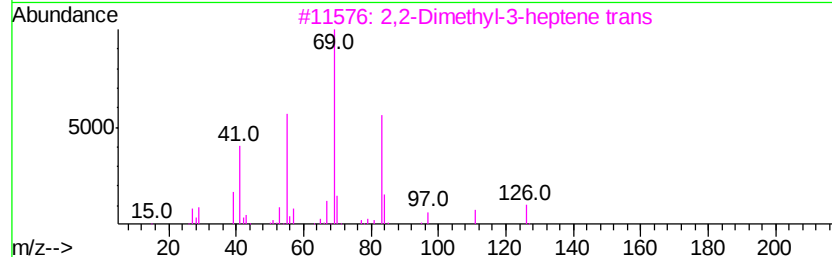
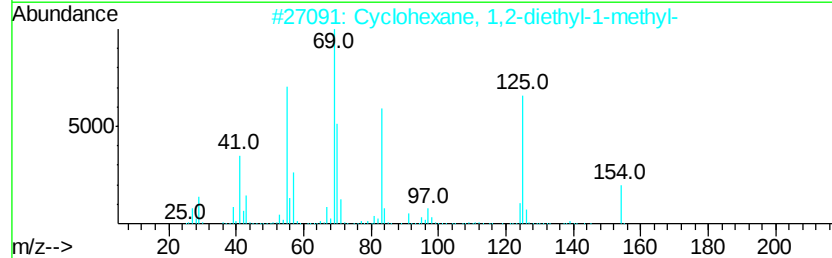
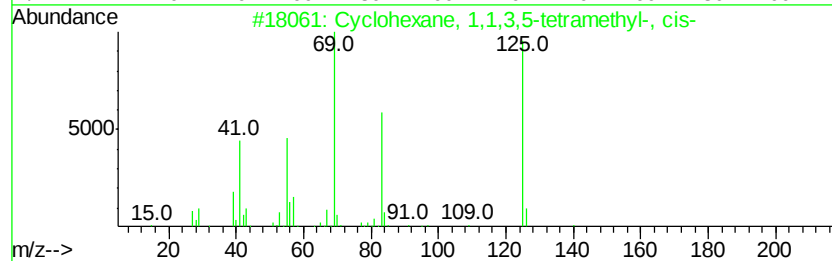
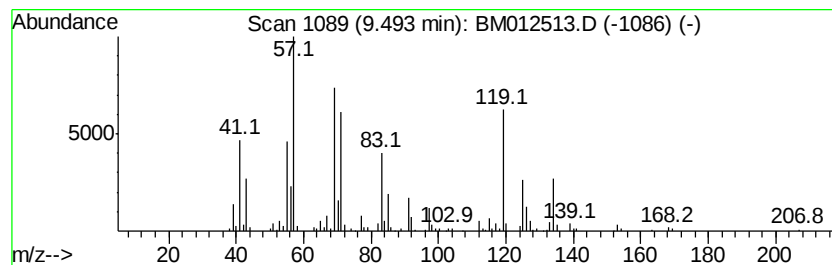
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Cyclic9.49 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	2.92 ng/ul	706785	Napthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
2		Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	38
3		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	25
5		5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	18



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
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Sample : I5786-01 5X
Misc :
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Instrument :
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ClientSampleId :
B-38(FILL)_100917

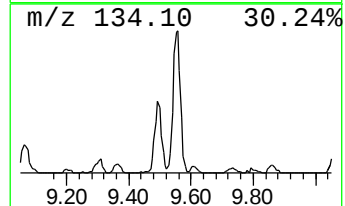
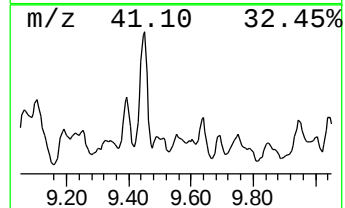
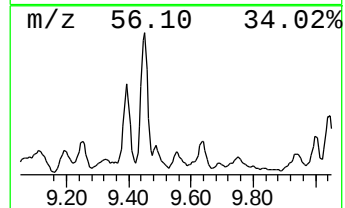
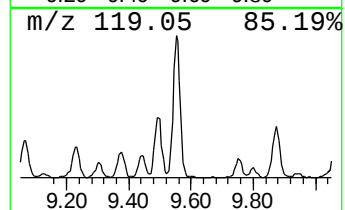
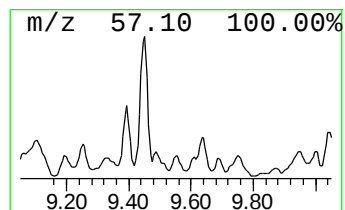
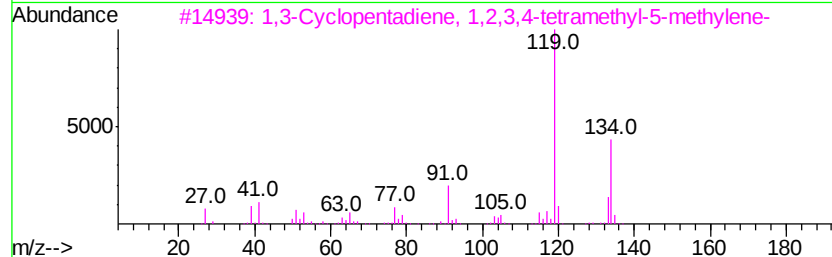
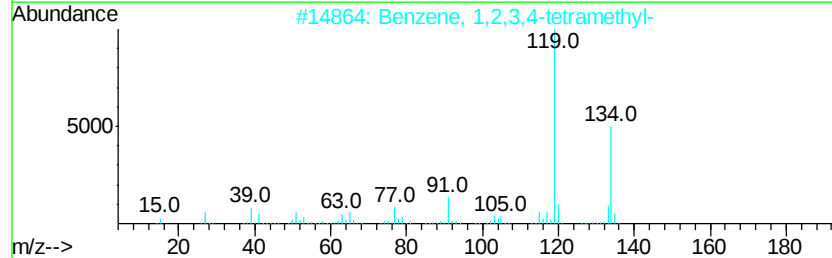
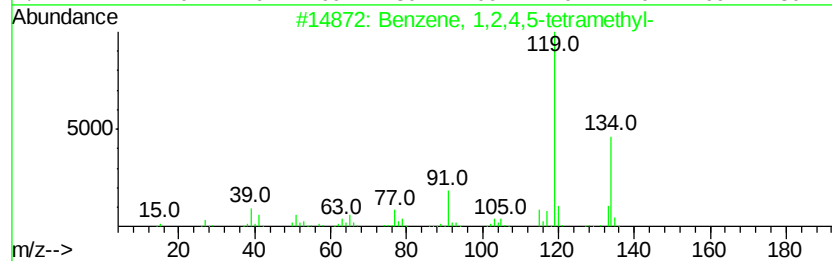
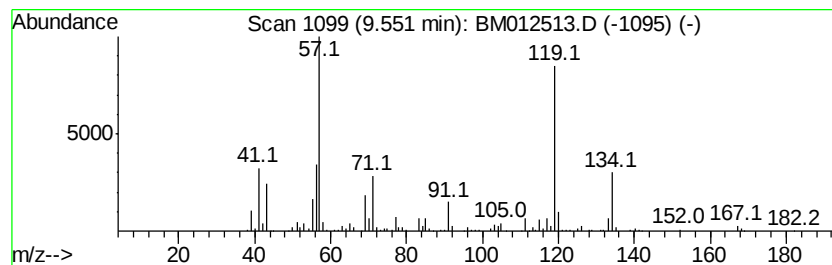
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	4.48 ng/ul	1082570	Naphthalene-d8	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	78
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
Operator : SJ/JU
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Misc :
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ClientSampleId :
B-38(FILL)_100917

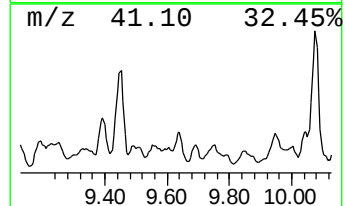
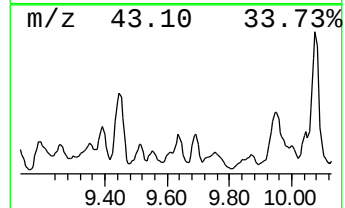
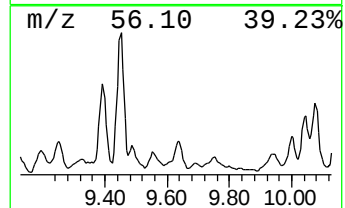
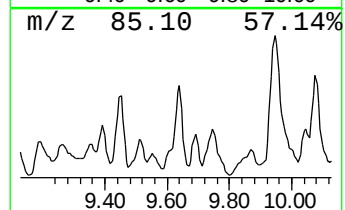
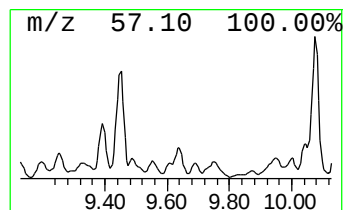
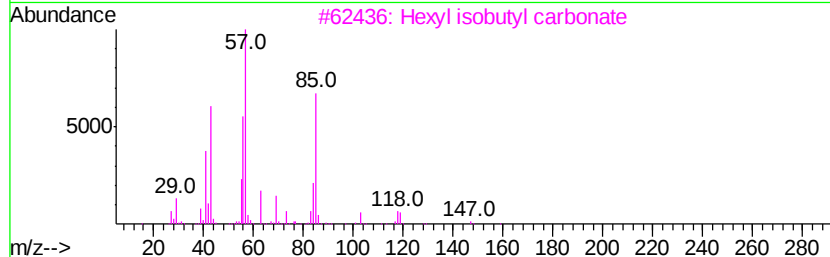
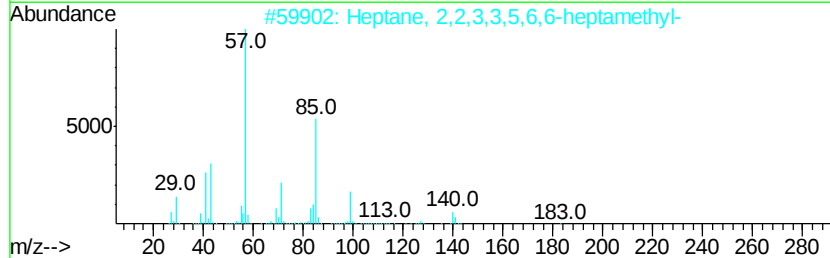
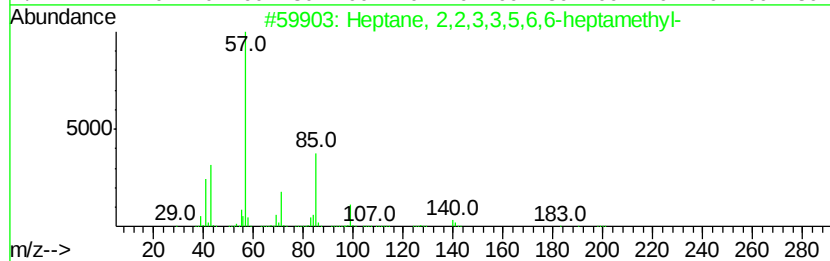
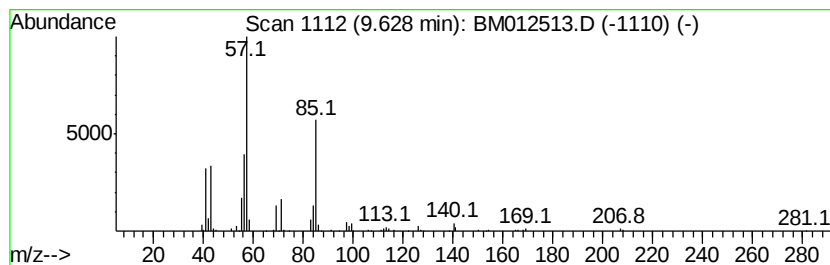
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	5.05 ng/ul	1220290	Napthalene-d8	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	72
2			Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	64
3			Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	53
4			Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	50
5			Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
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Sample : I5786-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-38(FILL)_100917

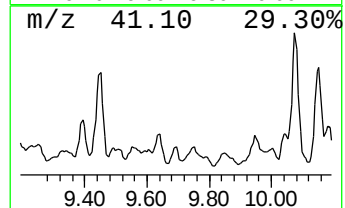
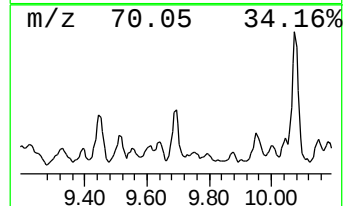
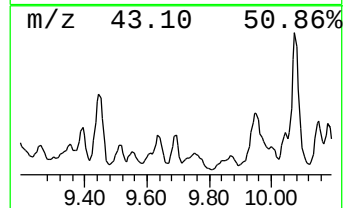
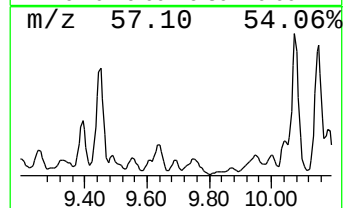
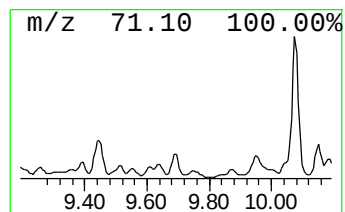
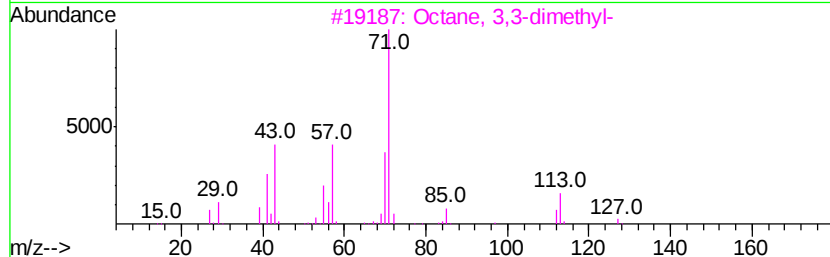
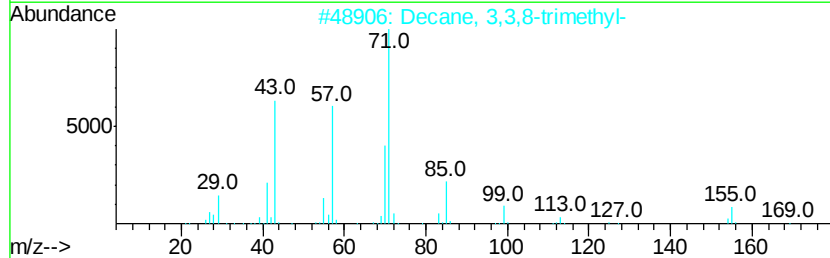
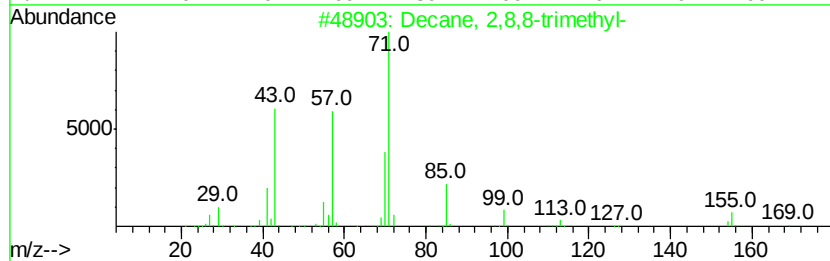
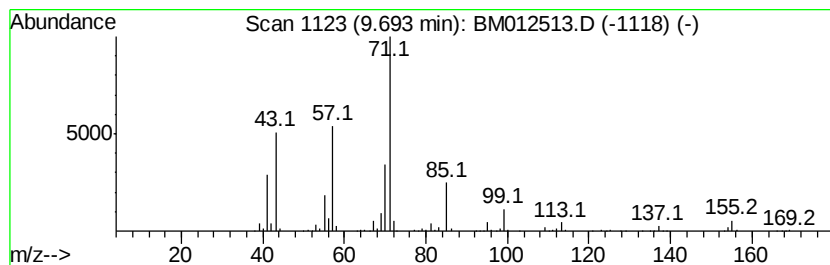
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	3.47 ng/ul	838402	Napthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	80
2		Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	78
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
4		Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1000309-15-8	64
5		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
Operator : SJ/JU
Sample : I5786-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-38(FILL)_100917

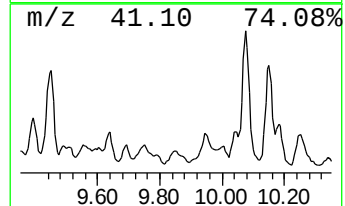
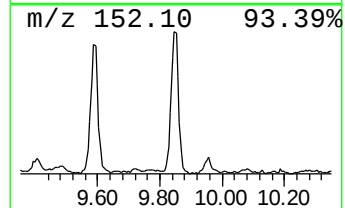
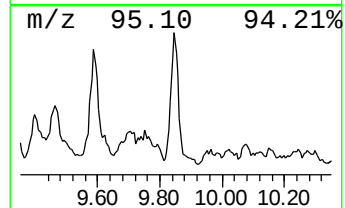
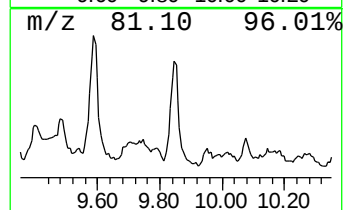
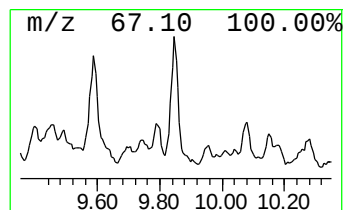
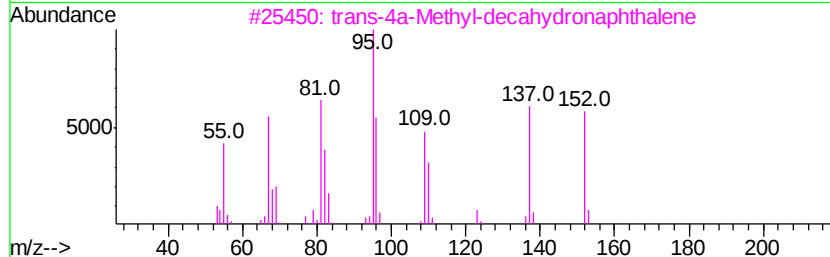
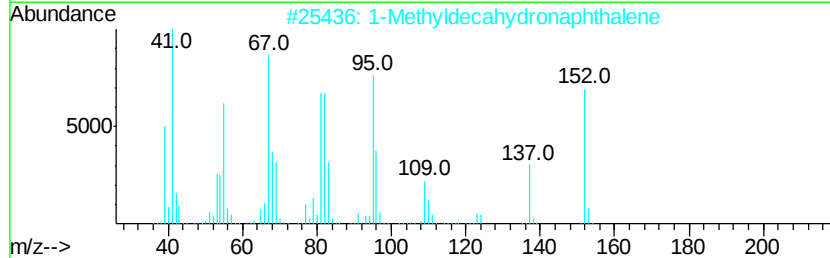
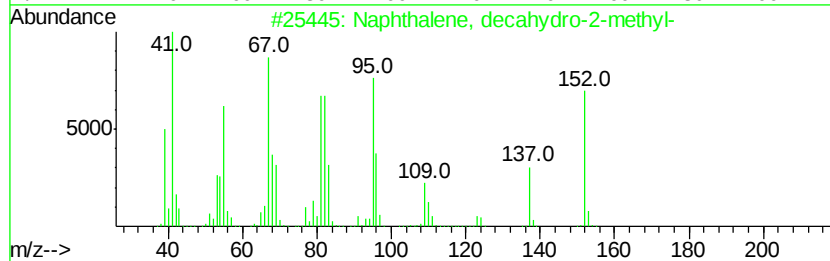
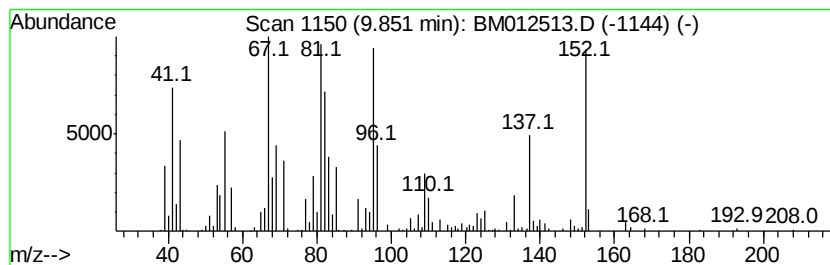
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	6.21 ng/ul	1501280	Naphthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	93
3		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	86
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
Operator : SJ/JU
Sample : I5786-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-38(FILL)_100917

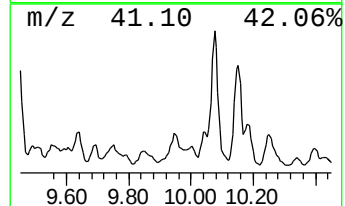
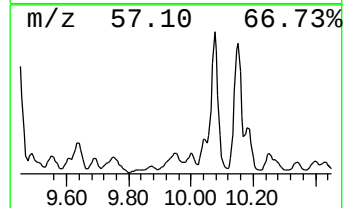
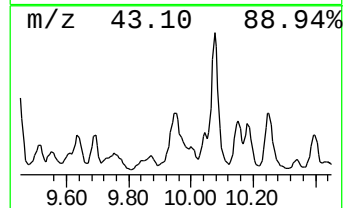
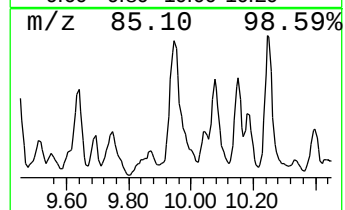
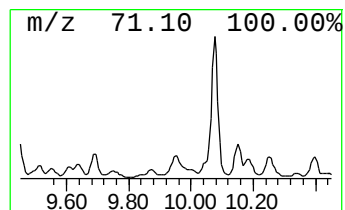
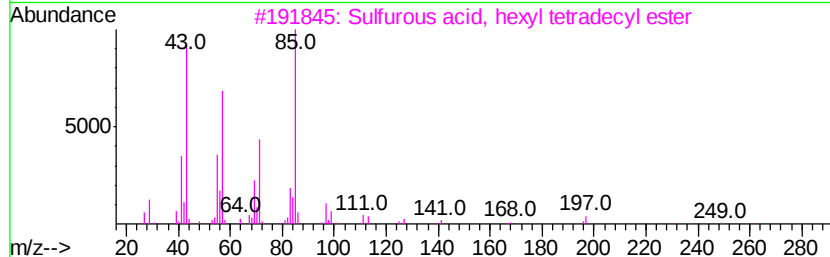
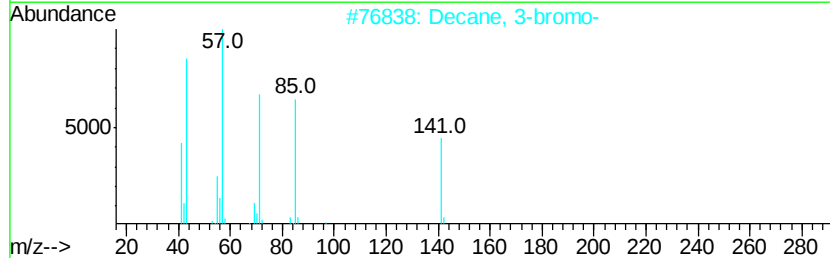
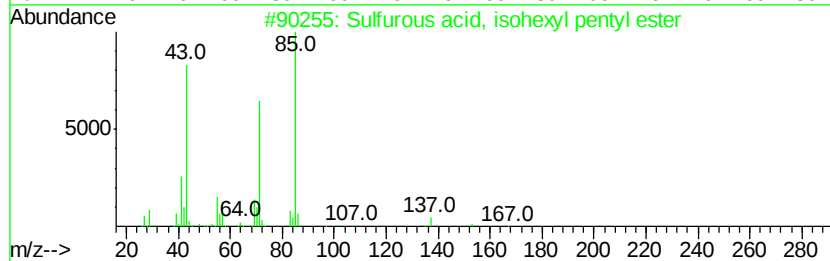
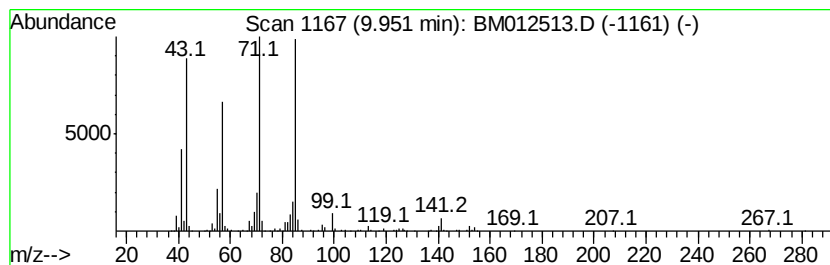
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Sulfurous acid, isohexyl pe... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	7.19 ng/ul	1738790	Naphthalene-d8	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	72
2			Decane, 3-bromo-	220	C10H21Br	030571-71-2	59
3			Sulfurous acid, hexyl tetradecyl...	362	C20H42O3S	1000309-13-6	50
4			Undecane, 4,4-dimethyl-	184	C13H28	017312-68-4	43
5			Tetrahydropyran 12-tetradecyn-1-...	294	C19H34O2	096249-40-0	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
Operator : SJ/JU
Sample : I5786-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-38(FILL)_100917

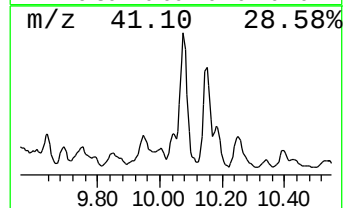
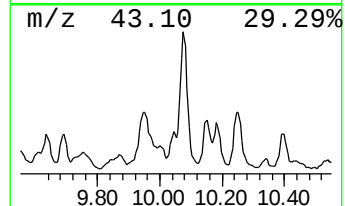
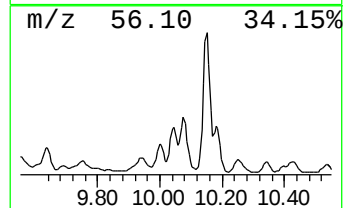
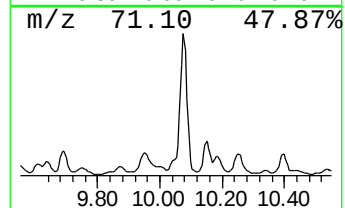
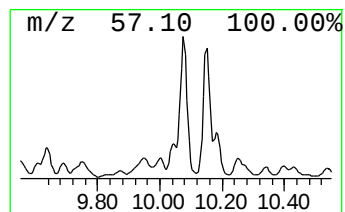
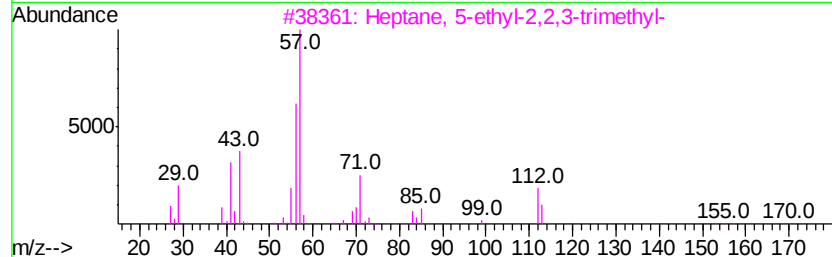
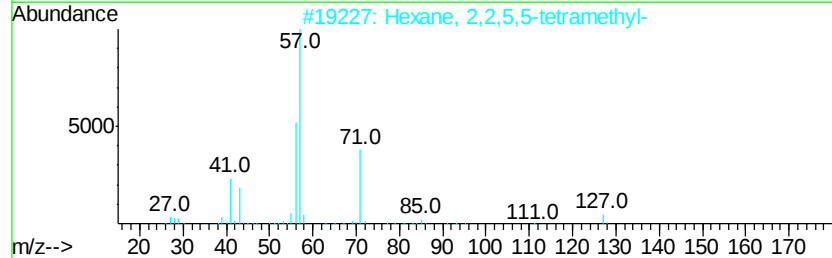
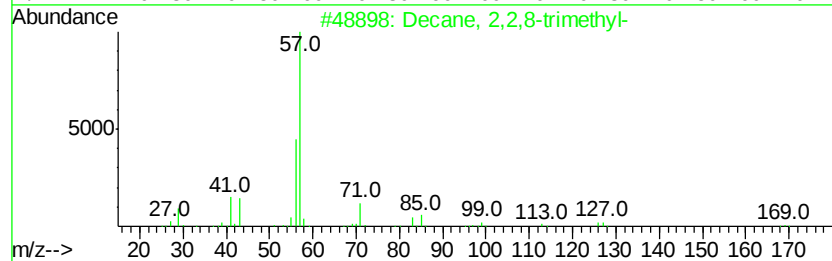
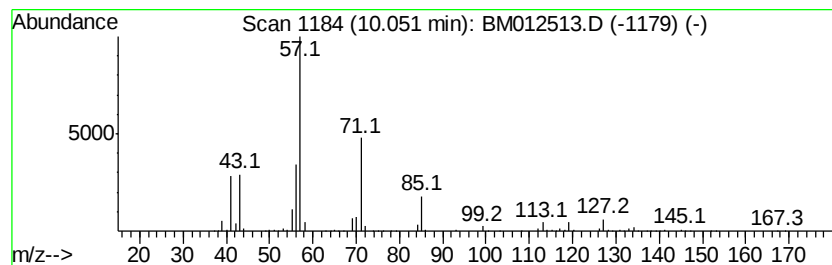
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	3.49 ng/ul	843185	Naphthalene-d8	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72
2			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	64
3			Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	64
4			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	59
5			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	53



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
Operator : SJ/JU
Sample : I5786-01 5X
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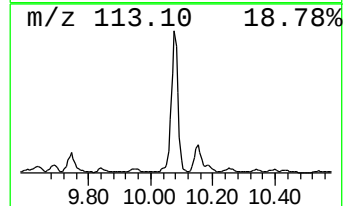
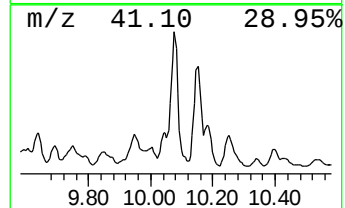
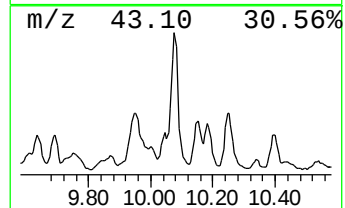
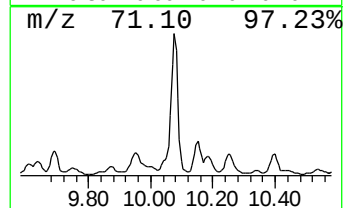
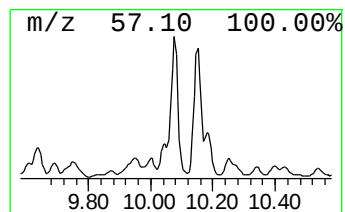
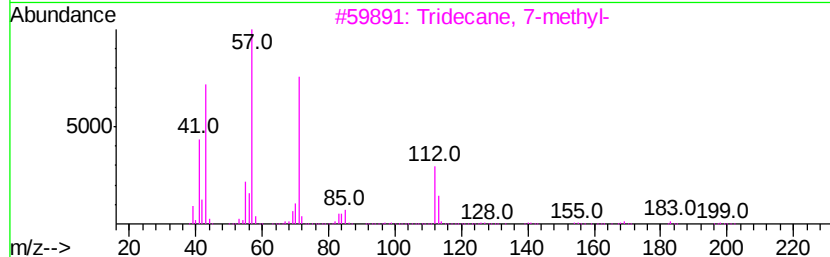
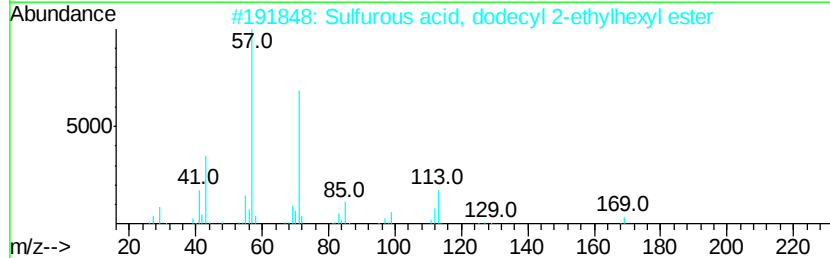
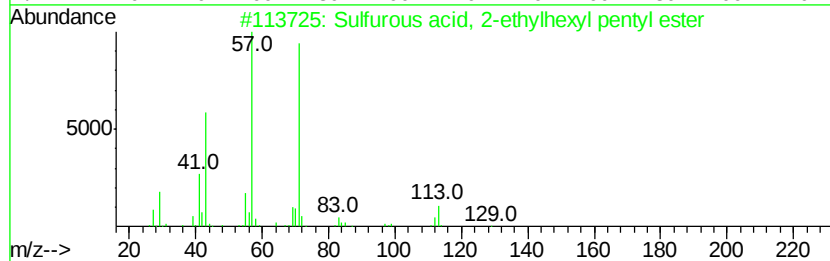
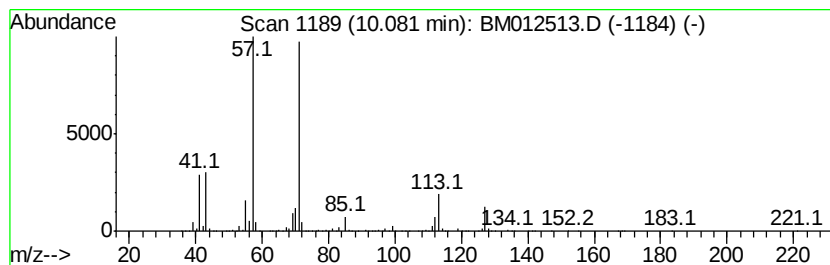
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 Sulfurous acid, 2-ethylhexy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	25.16 ng/ul	6083910	Napthalene-d8	10.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfurous acid, 2-ethylhexyl pen...	264 C13H28O3S	1000309-18-9 78
2		Sulfurous acid, dodecyl 2-ethylh...	362 C20H42O3S	1000309-19-5 78
3		Tridecane, 7-methyl-	198 C14H30	026730-14-3 78
4		Sulfurous acid, di(2-ethylhexyl)...	306 C16H34O3S	1000309-19-1 78
5		Octane, 3,6-dimethyl-	142 C10H22	015869-94-0 72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
Operator : SJ/JU
Sample : I5786-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-38(FILL)_100917

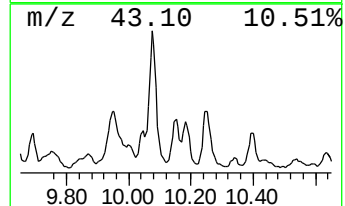
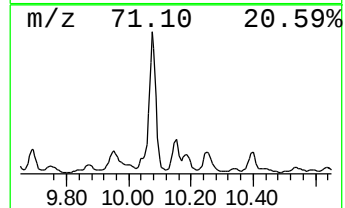
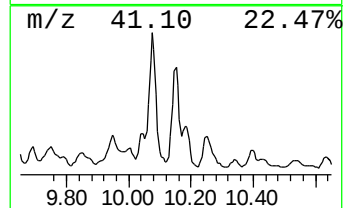
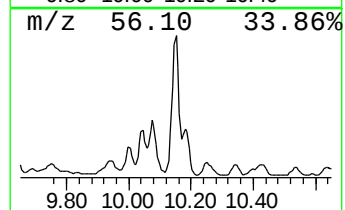
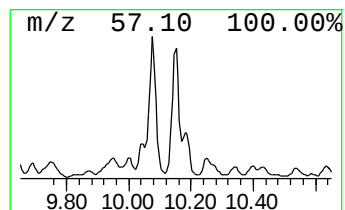
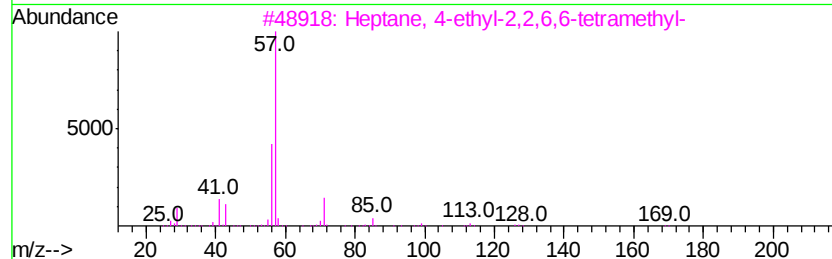
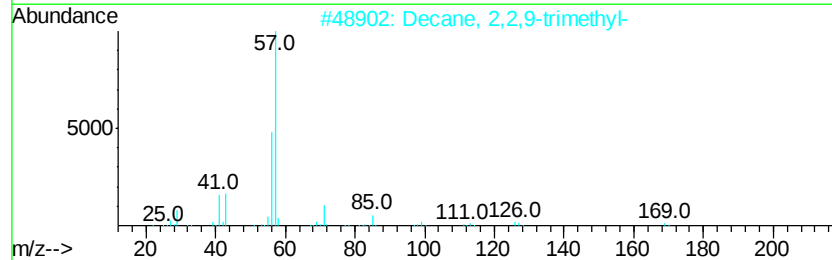
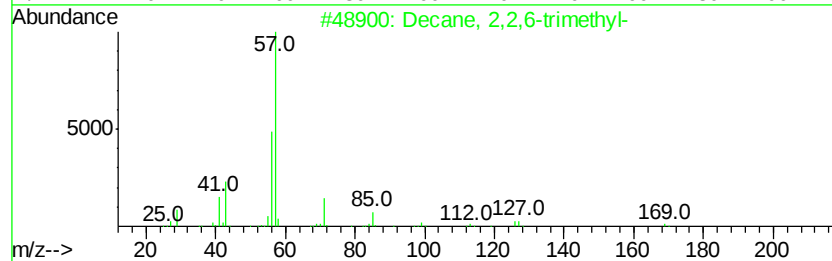
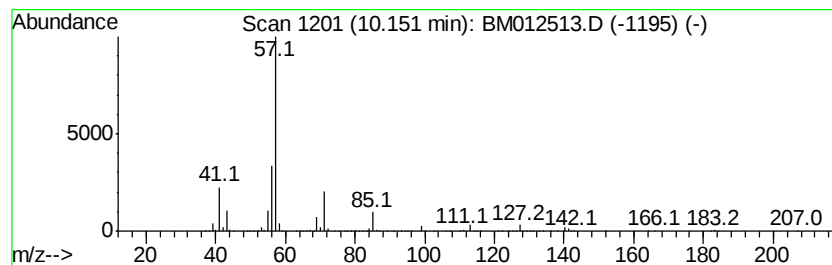
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	15.97 ng/ul	3862660	Napthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	78
2		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	64
3		Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
4		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	56
5		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
Operator : SJ/JU
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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-38(FILL)_100917

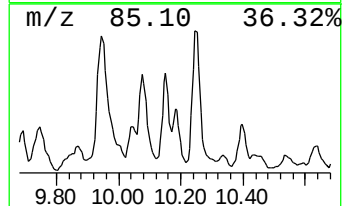
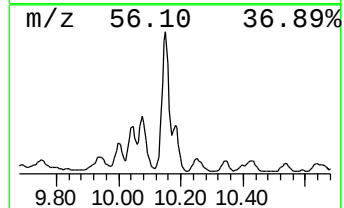
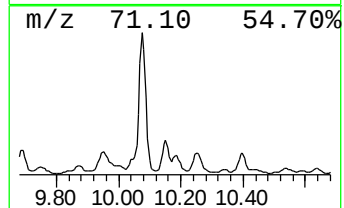
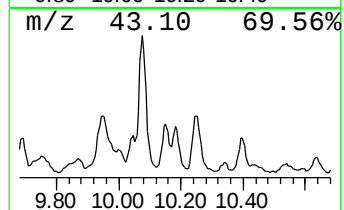
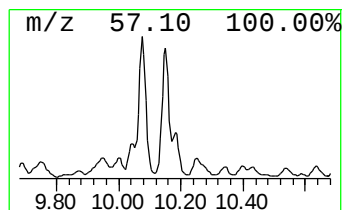
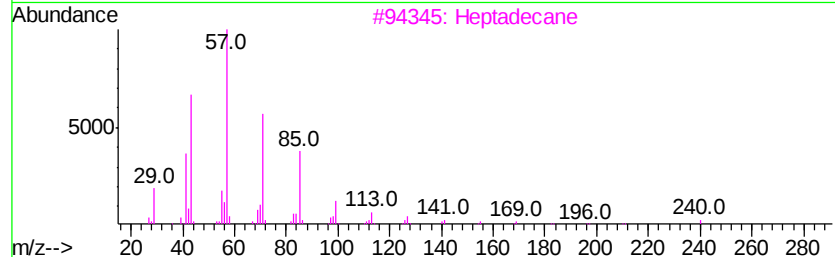
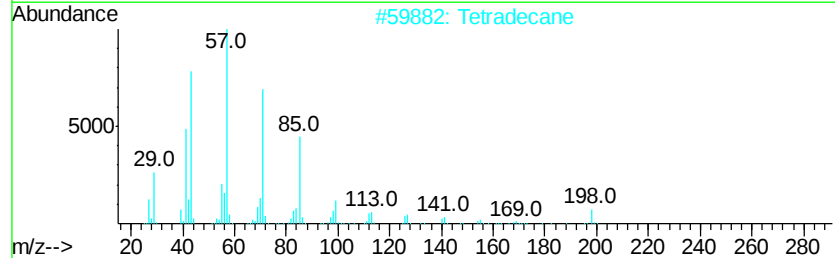
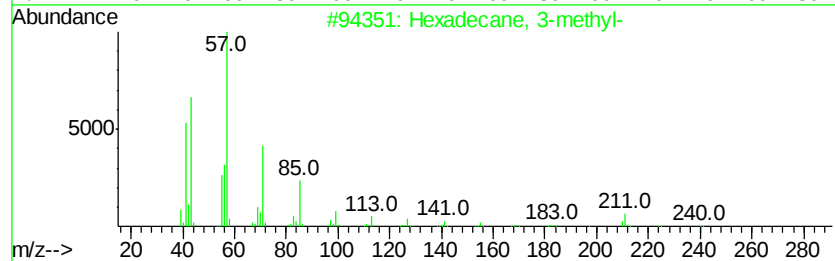
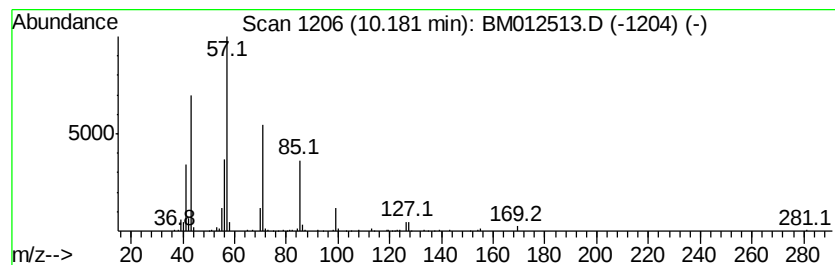
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	6.00 ng/ul	1450110	Napthalene-d8	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	72
2			Tetradecane	198	C14H30	000629-59-4	72
3			Heptadecane	240	C17H36	000629-78-7	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
Operator : SJ/JU
Sample : I5786-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-38(FILL)_100917

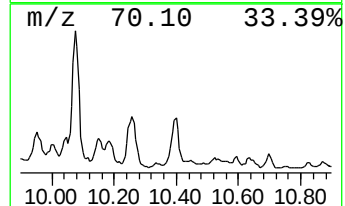
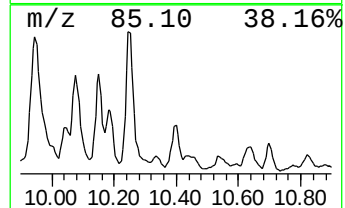
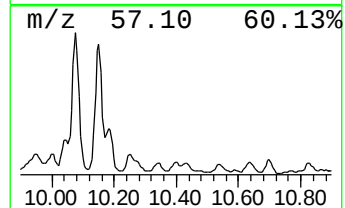
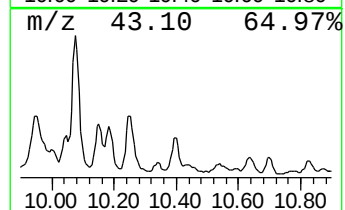
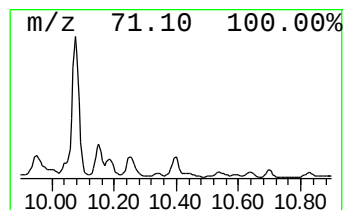
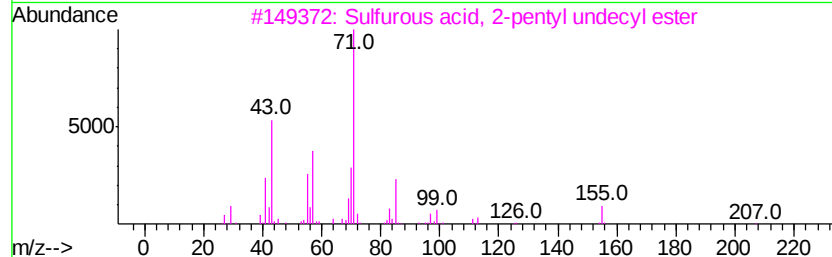
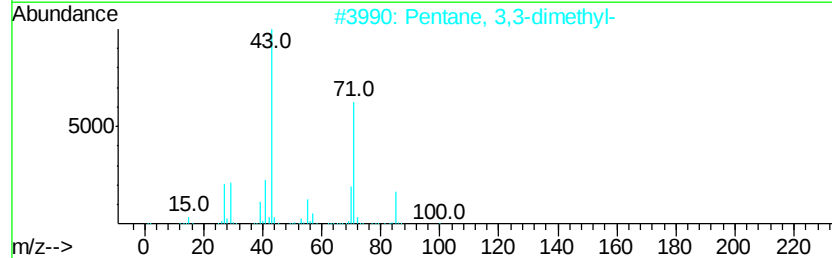
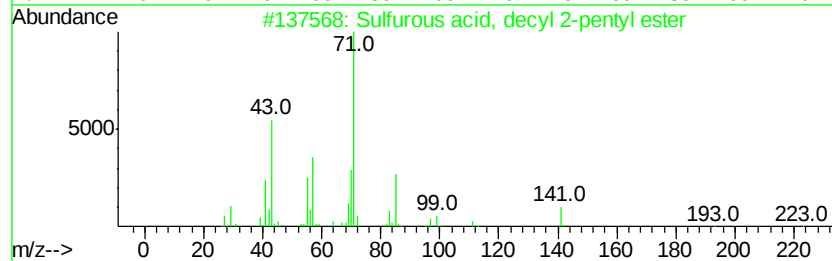
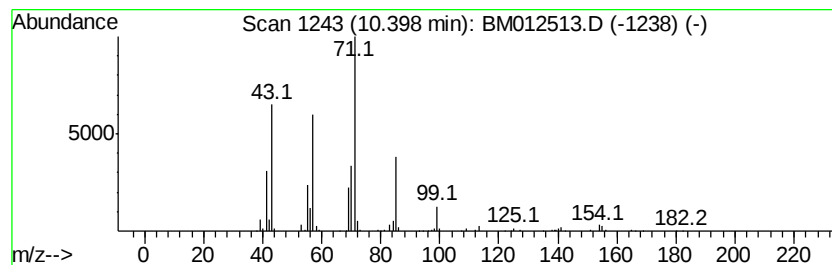
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Sulfurous acid, decyl 2-pen... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	2.96 ng/ul	715954	Naphthalene-d8	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	78
2			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	64
3			Sulfurous acid, 2-pentyl undecyl...	306	C16H34O3S	1000309-16-0	64
4			Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	59
5			Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	59



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
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Acq On : 28 Oct 2017 07:51
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ClientSampleId :
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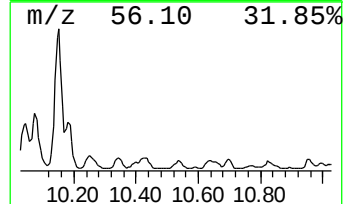
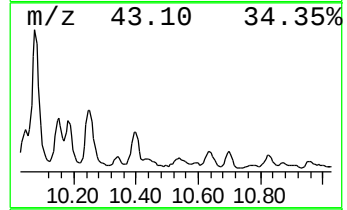
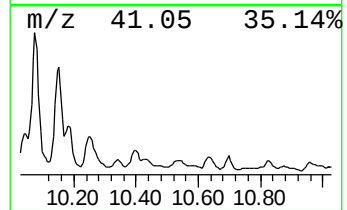
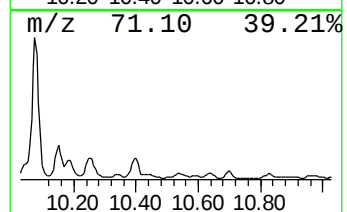
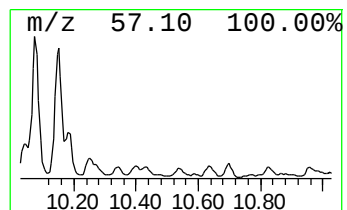
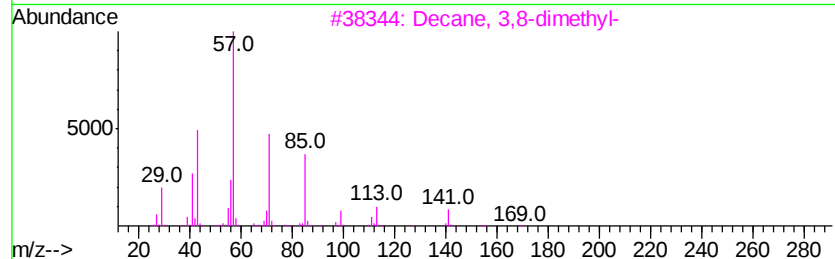
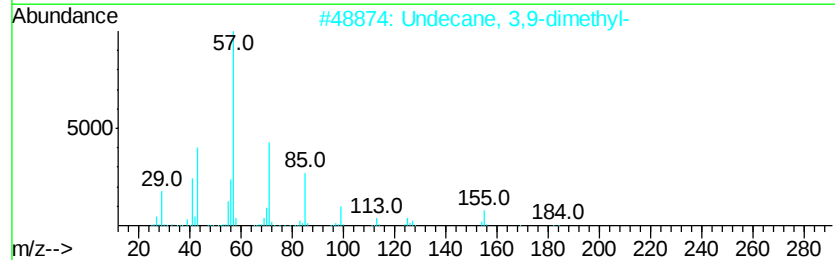
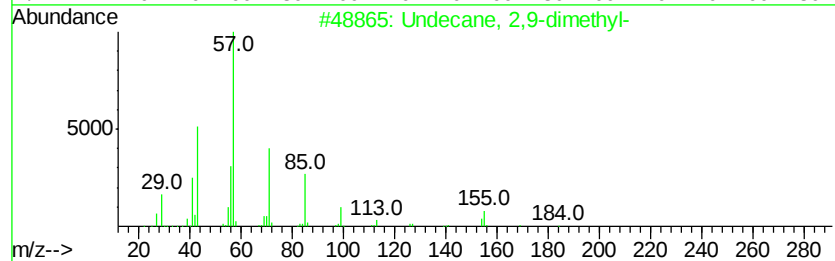
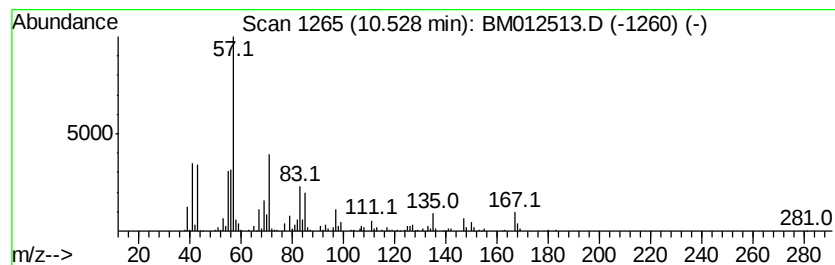
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	3.06 ng/ul	739600	Napthalene-d8	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
2			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	53
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	47



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
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Operator : SJ/JU
Sample : I5786-01 5X
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ALS Vial : 37 Sample Multiplier: 1

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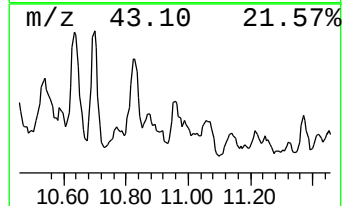
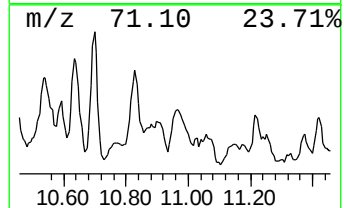
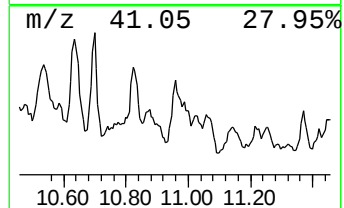
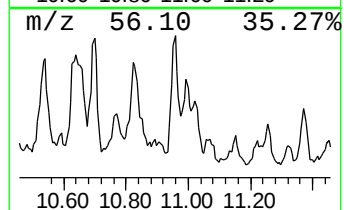
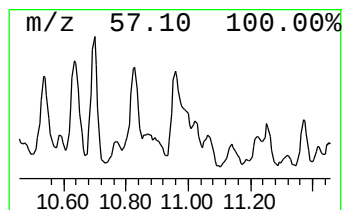
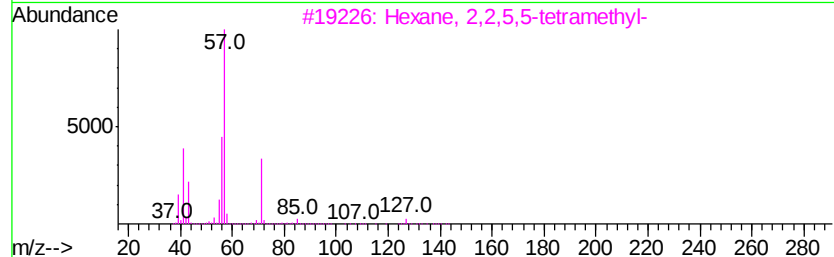
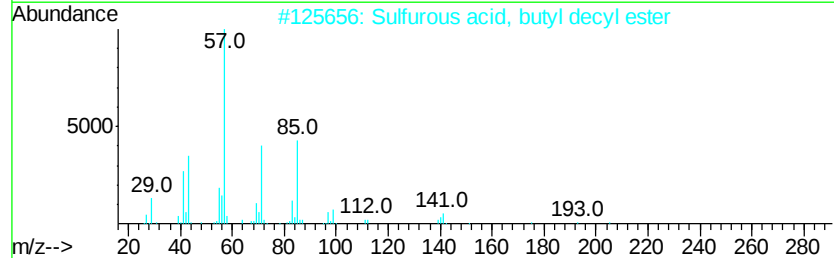
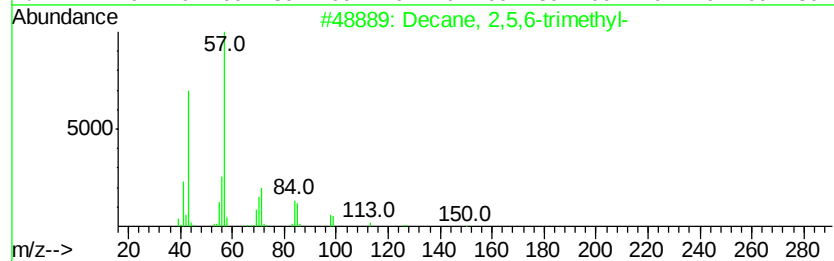
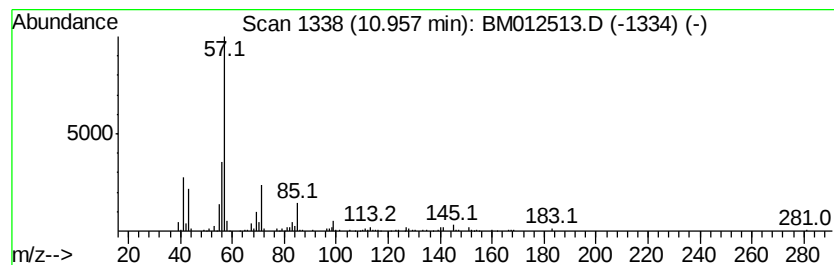
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	2.70 ng/ul	652693	Napthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	78
2		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	50
3		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
4		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
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ClientSampleId :
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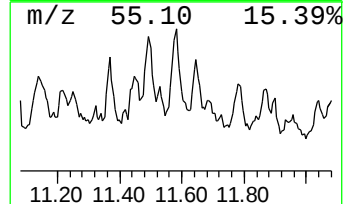
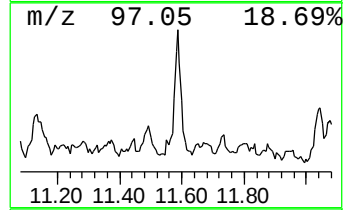
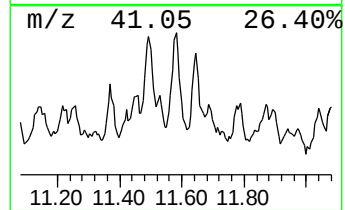
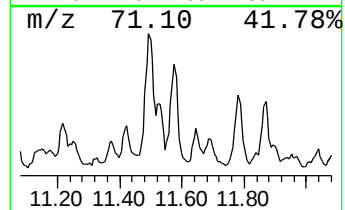
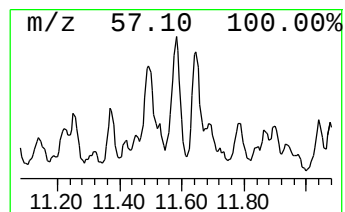
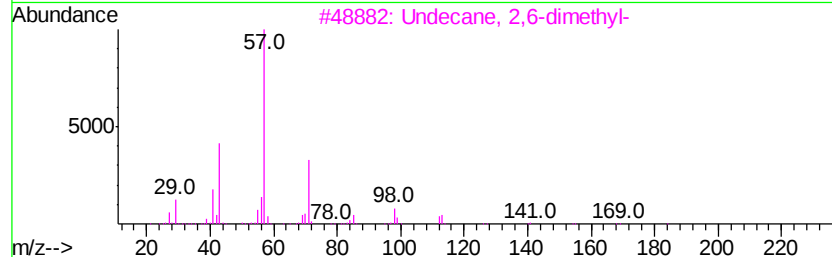
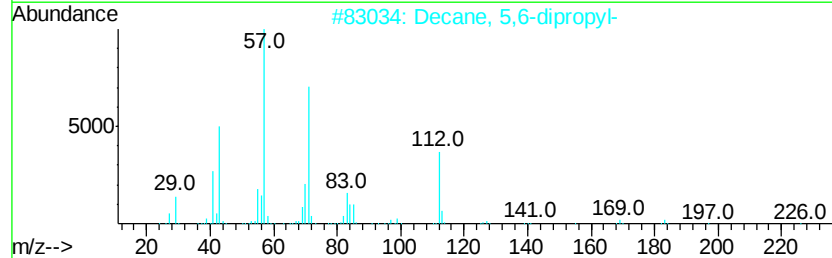
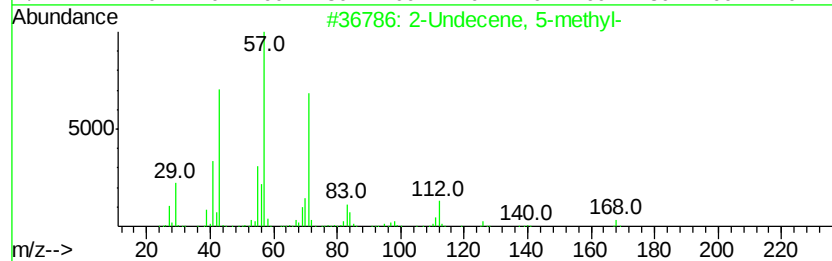
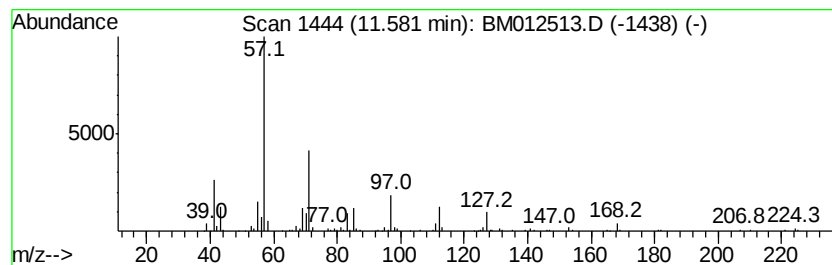
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Cyclic11.58 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	2.35 ng/ul	568271	Naphthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	58
2		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	47
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	45
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	42



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
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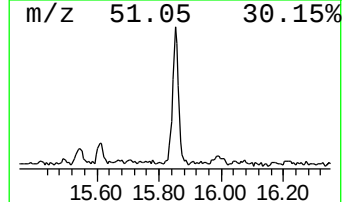
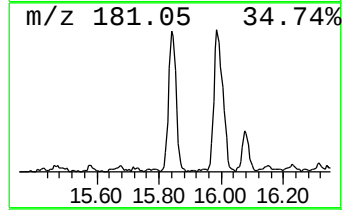
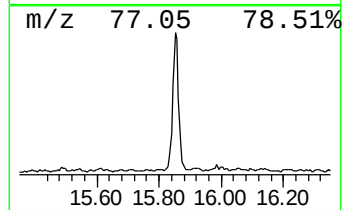
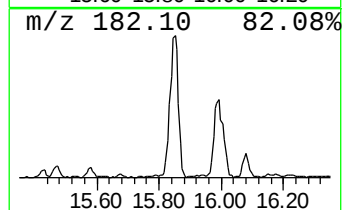
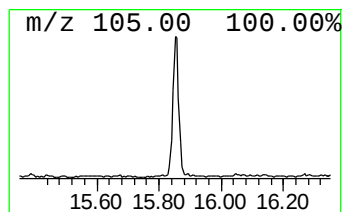
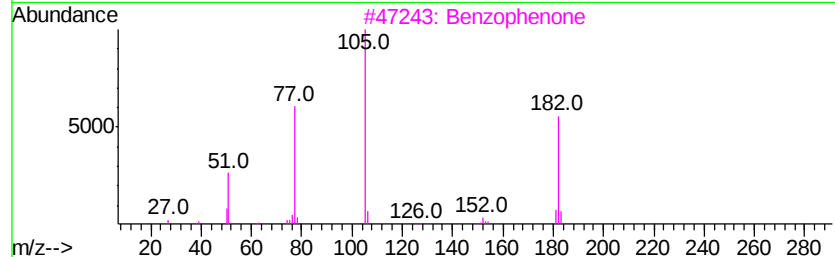
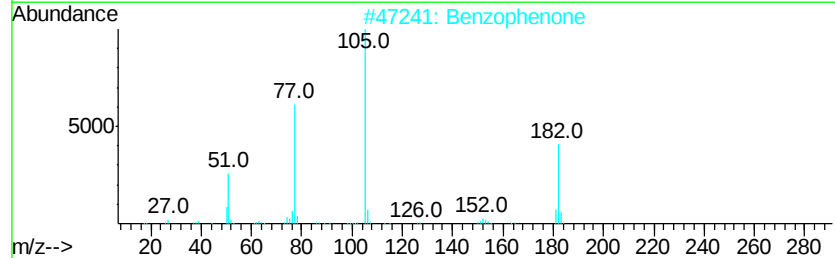
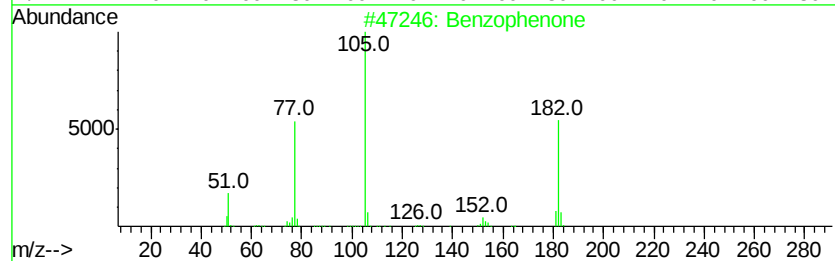
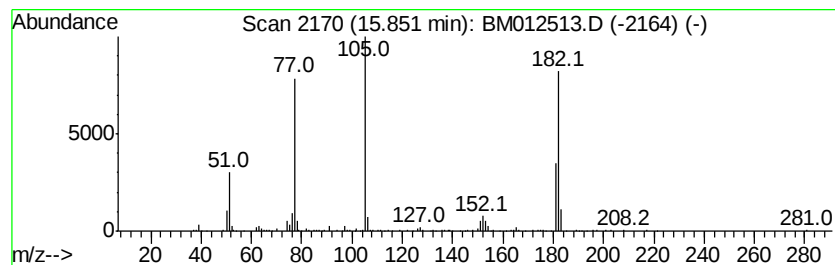
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Benzophenone Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	2.21 ng/ul	593424	Acenaphthene-d10	14.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	94
2			Benzophenone	182	C13H10O	000119-61-9	90
3			Benzophenone	182	C13H10O	000119-61-9	90
4			Benzophenone	182	C13H10O	000119-61-9	86
5			Benzophenone	182	C13H10O	000119-61-9	76



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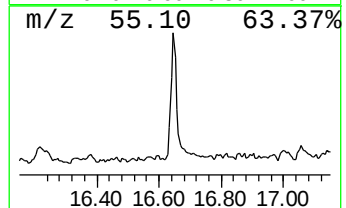
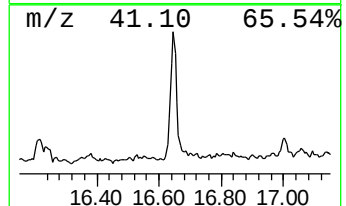
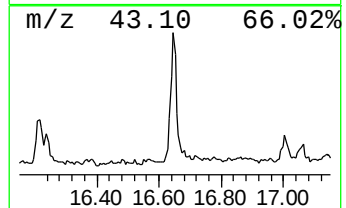
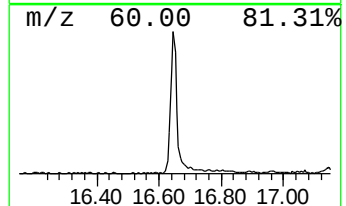
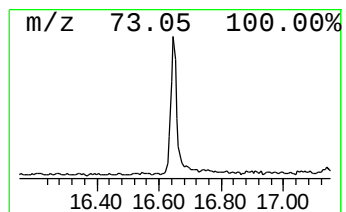
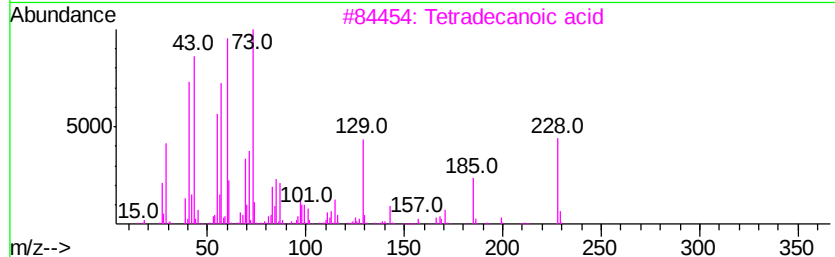
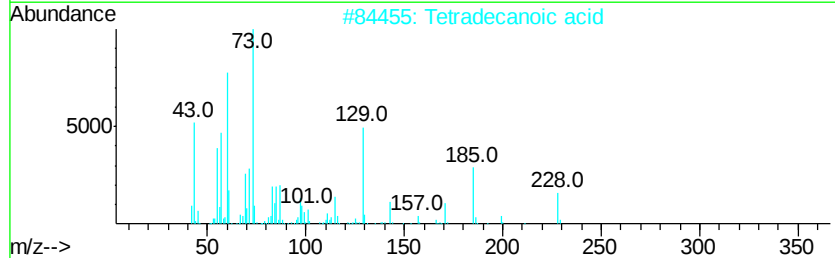
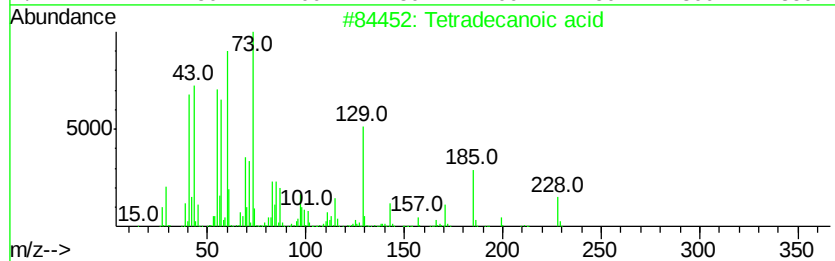
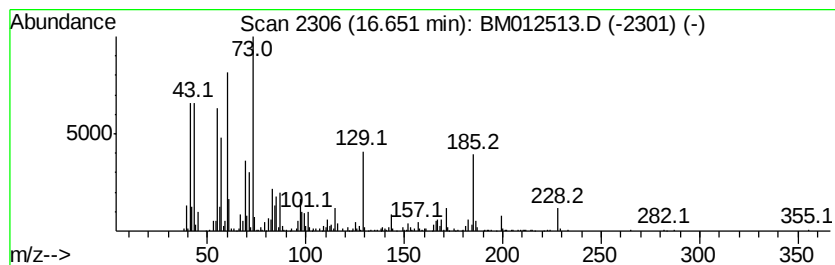
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Tetradecanoic acid Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	2.39 ng/ul	731397	Phenanthrene-d10	17.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	98
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



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ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId :
B-38(FILL)_100917

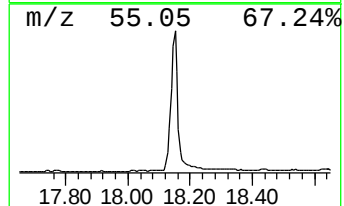
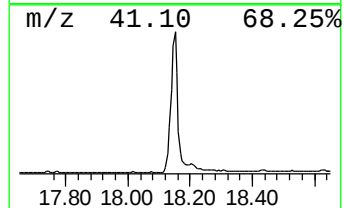
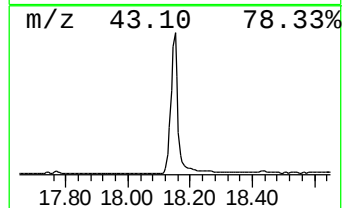
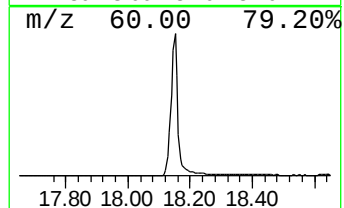
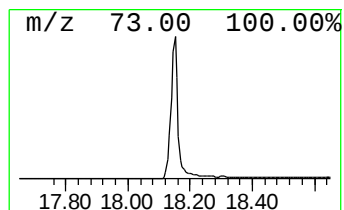
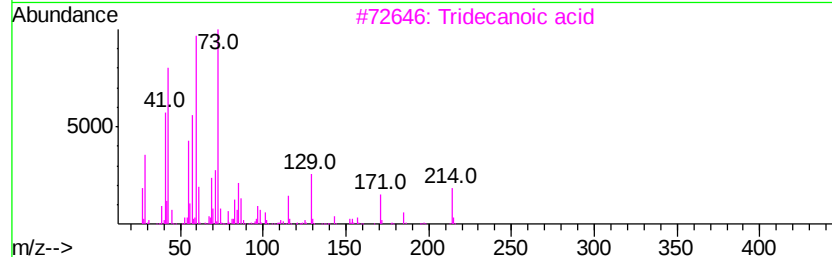
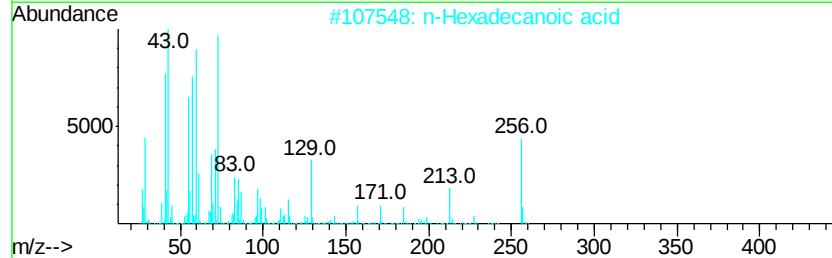
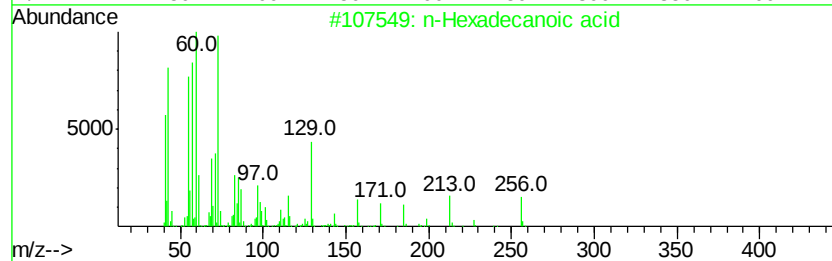
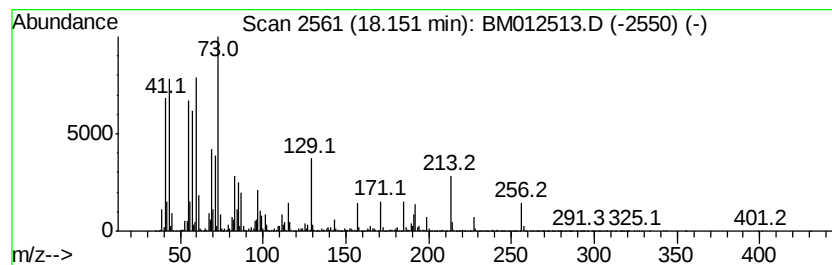
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	63.52 ng/ul	19463500	Phenanthrene-d10	17.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
Operator : SJ/JU
Sample : I5786-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

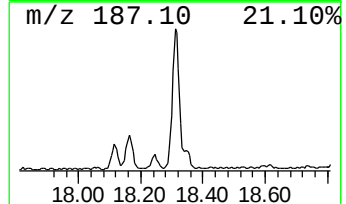
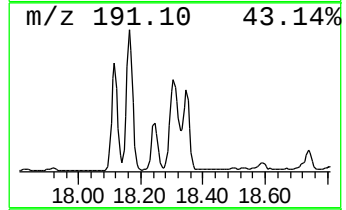
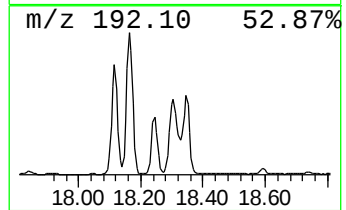
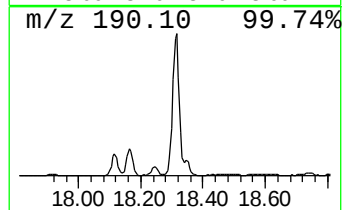
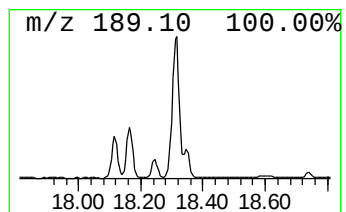
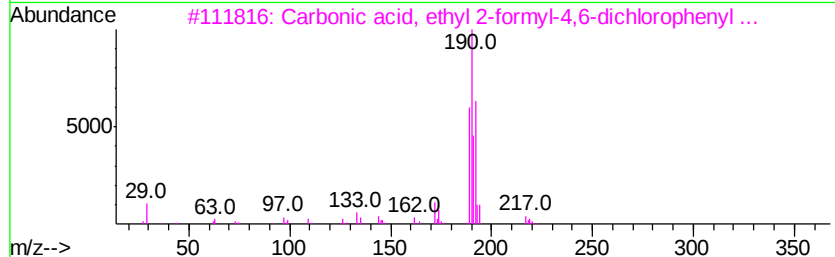
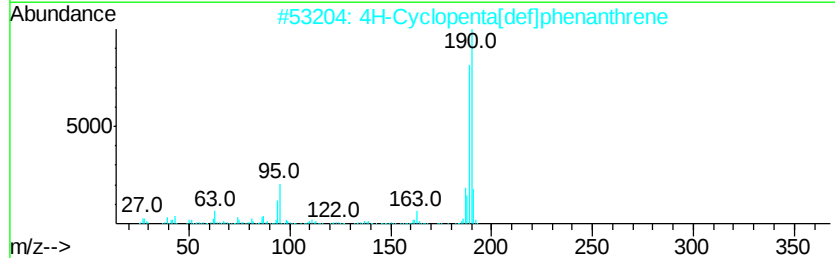
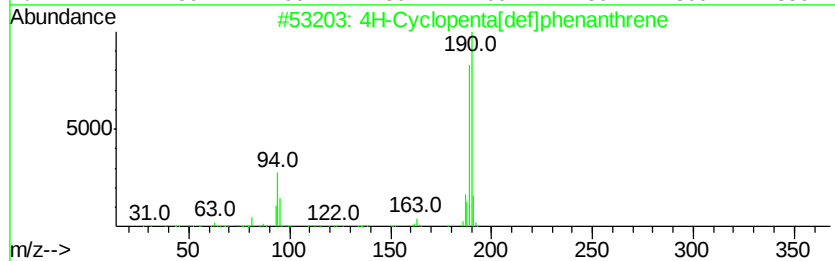
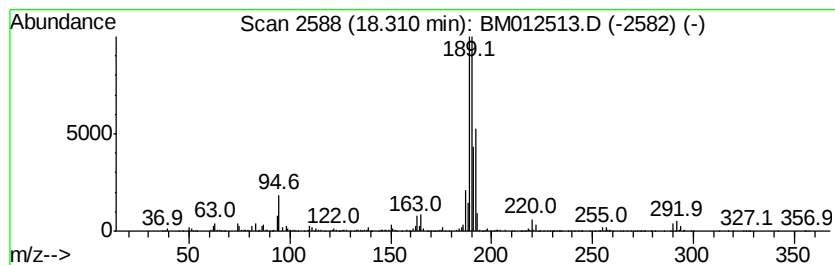
Instrument :
BNA_M
ClientSampleId :
B-38(FILL)_100917

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 32 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.31	9.54 ng/ul	2924150	Phenanthrene-d10	17.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	Methyl diselenide	190	C2H6Se2	007101-31-7	45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102717\
 Data File : BM012513.D
 Acq On : 28 Oct 2017 07:51
 Operator : SJ/JU
 Sample : I5786-01 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-38(FILL)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	6.88	3.3	ng/ul	1524480	1	7.87	9187980	20.0
(DEL) Alkane: Str...	7.72	3.1	ng/ul	1433050	1	7.87	9187980	20.0
(DEL) Alkane: Str...	8.00	4.3	ng/ul	1976810	1	7.87	9187980	20.0
(DEL) Alkane: Str...	8.10	28.0	ng/ul	12883600	1	7.87	9187980	20.0
(DEL) Alkane: Str...	8.29	2.0	ng/ul	929378	1	7.87	9187980	20.0
(DEL) Alkane: Str...	8.36	3.8	ng/ul	1744200	1	7.87	9187980	20.0
(DEL) Alkane: Str...	8.42	26.2	ng/ul	12023400	1	7.87	9187980	20.0
Sulfurous acid, h...	8.75	10.4	ng/ul	4761850	1	7.87	9187980	20.0
(DEL) Alkane: Str...	8.78	4.9	ng/ul	2235140	1	7.87	9187980	20.0
(DEL) Alkane: Str...	8.90	2.3	ng/ul	1032080	1	7.87	9187980	20.0
(DEL) Alkane: Str...	9.19	3.1	ng/ul	1444940	1	7.87	9187980	20.0
(DEL) Alkane: Str...	9.39	5.5	ng/ul	1317880	2	10.66	4836360	20.0
(DEL) Alkane: Str...	9.45	14.7	ng/ul	3555470	2	10.66	4836360	20.0
(DEL) Alkane: Cyc...	9.49	2.9	ng/ul	706785	2	10.66	4836360	20.0
Benzene, 1,2,4,5-...	9.55	4.5	ng/ul	1082570	2	10.66	4836360	20.0
(DEL) Alkane: Str...	9.63	5.0	ng/ul	1220290	2	10.66	4836360	20.0
(DEL) Alkane: Str...	9.69	3.5	ng/ul	838402	2	10.66	4836360	20.0
Naphthalene, deca...	9.85	6.2	ng/ul	1501280	2	10.66	4836360	20.0
Sulfurous acid, i...	9.95	7.2	ng/ul	1738790	2	10.66	4836360	20.0
(DEL) Alkane: Str...	10.05	3.5	ng/ul	843185	2	10.66	4836360	20.0
Sulfurous acid, 2...	10.08	25.2	ng/ul	6083910	2	10.66	4836360	20.0
(DEL) Alkane: Str...	10.15	16.0	ng/ul	3862660	2	10.66	4836360	20.0
(DEL) Alkane: Str...	10.18	6.0	ng/ul	1450110	2	10.66	4836360	20.0
Sulfurous acid, d...	10.40	3.0	ng/ul	715954	2	10.66	4836360	20.0
(DEL) Alkane: Str...	10.53	3.1	ng/ul	739600	2	10.66	4836360	20.0
(DEL) Alkane: Str...	10.96	2.7	ng/ul	652693	2	10.66	4836360	20.0
(DEL) Alkane: Cyc...	11.58	2.4	ng/ul	568271	2	10.66	4836360	20.0
Benzophenone	15.85	2.2	ng/ul	593424	3	14.50	5370260	20.0
Tetradecanoic acid	16.65	2.4	ng/ul	731397	4	17.24	6128690	20.0
n-Hexadecanoic acid	18.15	63.5	ng/ul	19463500	4	17.24	6128690	20.0
4H-Cyclopenta[def...	18.31	9.5	ng/ul	2924150	4	17.24	6128690	20.0