

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012511.D
 Acq On : 28 Oct 2017 06:40
 Operator : SJ/JU
 Sample : I5719-13 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-27(0.5-1.5)-100517

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	3.869	128	133	139	rVB	60810	97683	1.14%	0.130%
2	4.093	166	171	179	rVB	124101	182857	2.13%	0.243%
3	4.434	225	229	236	rVB	67796	105382	1.23%	0.140%
4	5.328	377	381	385	rBV3	58941	97071	1.13%	0.129%
5	5.399	388	393	398	rVB	369874	530274	6.18%	0.704%
6	5.528	409	415	417	rBV	545691	857373	9.98%	1.139%
7	5.840	463	468	472	rBV2	62125	93697	1.09%	0.124%
8	5.899	472	478	486	rVB3	518875	762369	8.88%	1.013%
9	6.157	513	522	529	rBV4	71590	169087	1.97%	0.225%
10	6.269	536	541	547	rVB2	46053	89669	1.04%	0.119%
11	6.369	551	558	565	rBV3	121591	246398	2.87%	0.327%
12	6.434	565	569	574	rVB	143619	187854	2.19%	0.249%
13	6.516	574	583	587	rBV4	131080	271471	3.16%	0.361%
14	6.863	633	642	648	rBV3	233307	481663	5.61%	0.640%
15	6.922	648	652	655	rVV	90559	130929	1.52%	0.174%
16	6.963	655	659	664	rVV	206176	308076	3.59%	0.409%
17	7.034	664	671	675	rVV3	525021	1192830	13.89%	1.584%
18	7.098	679	682	688	rVB	198811	287276	3.35%	0.382%
19	7.198	694	699	705	rBV	284910	437417	5.09%	0.581%
20	7.263	705	710	713	rBV2	76833	110841	1.29%	0.147%
21	7.404	729	734	744	rVB	362198	620284	7.22%	0.824%
22	7.498	744	750	762	rBV2	1010549	2134448	24.86%	2.835%
23	7.775	793	797	804	rVB3	47978	98275	1.14%	0.131%
24	7.869	804	813	824	rBV	2667424	4356764	50.74%	5.786%
25	8.004	829	836	842	rVB2	261967	550286	6.41%	0.731%
26	8.157	859	862	870	rVB5	73752	141435	1.65%	0.188%
27	8.363	892	897	900	rBV	83111	125905	1.47%	0.167%
28	8.416	900	906	910	rVB2	147626	270091	3.15%	0.359%
29	8.510	917	922	928	rBV3	222527	427288	4.98%	0.568%
30	8.569	928	932	939	rVB	361462	582826	6.79%	0.774%
31	8.634	939	943	946	rBV3	63230	88904	1.04%	0.118%
32	8.875	979	984	990	rVB	68412	120479	1.40%	0.160%
33	8.975	990	1001	1004	rBV2	169754	322889	3.76%	0.429%
34	9.022	1004	1009	1016	rVV	339052	633480	7.38%	0.841%

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35	9.098	1016	1022	1032	rVB	830514	1261164	14.69%	1.675%
36	9.222	1032	1043	1049	rBV9	56598	163427	1.90%	0.217%
37	9.745	1123	1132	1138	rBV2	277185	512961	5.97%	0.681%
38	9.857	1145	1151	1157	rBV8	36914	87537	1.02%	0.116%
39	10.281	1215	1223	1232	rVB	425199	778772	9.07%	1.034%
40	10.663	1278	1288	1295	rBV	3430354	6227978	72.53%	8.272%
41	10.792	1303	1310	1322	rBV2	150011	338894	3.95%	0.450%
42	12.086	1525	1530	1538	rVB	206596	300351	3.50%	0.399%
43	12.316	1564	1569	1576	rVB4	53056	95394	1.11%	0.127%
44	13.327	1734	1741	1749	rBV2	156266	246223	2.87%	0.327%
45	13.904	1830	1839	1844	rBV	737546	1057421	12.31%	1.404%
46	13.951	1844	1847	1852	rVB	321136	410283	4.78%	0.545%
47	14.192	1882	1888	1896	rVB	824036	1228834	14.31%	1.632%
48	14.404	1919	1924	1931	rVB	126804	158575	1.85%	0.211%
49	14.504	1931	1941	1948	rBV2	4627745	7404197	86.23%	9.834%
50	14.698	1968	1974	1986	rVB	228383	378260	4.41%	0.502%
51	14.898	2004	2008	2014	rVB3	55442	95432	1.11%	0.127%
52	15.357	2082	2086	2090	rVB	101512	127787	1.49%	0.170%
53	15.492	2102	2109	2114	rBV	1141988	1541045	17.95%	2.047%
54	15.610	2122	2129	2135	rBV2	134255	200487	2.33%	0.266%
55	15.763	2150	2155	2161	rVB2	61951	106056	1.24%	0.141%
56	15.857	2165	2171	2176	rVB2	131620	205270	2.39%	0.273%
57	16.215	2227	2232	2234	rBV	129394	180185	2.10%	0.239%
58	16.239	2234	2236	2240	rVB	94205	109416	1.27%	0.145%
59	17.004	2363	2366	2372	rVV2	72761	100325	1.17%	0.133%
60	17.057	2372	2375	2385	rVB3	82778	137661	1.60%	0.183%
61	17.245	2400	2407	2411	rBV2	5932761	8586810	100.00%	11.405%
62	17.280	2411	2413	2418	rVB	238753	288270	3.36%	0.383%
63	17.339	2418	2423	2428	rBV	1119894	1560543	18.17%	2.073%
64	17.768	2488	2496	2502	rBV	2019334	2794325	32.54%	3.711%
65	18.133	2551	2558	2560	rBV2	184307	315344	3.67%	0.419%
66	18.433	2606	2609	2612	rBV3	114127	144954	1.69%	0.193%
67	18.527	2621	2625	2630	rVB4	173438	252074	2.94%	0.335%
68	18.715	2653	2657	2663	rBV2	353137	487433	5.68%	0.647%
69	19.062	2714	2716	2724	rVB3	129372	184773	2.15%	0.245%
70	19.292	2751	2755	2759	rBV	469568	618324	7.20%	0.821%
71	19.351	2761	2765	2770	rVB	1259453	1502160	17.49%	1.995%

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72	19.409	2772	2775	2779	rBV4	92572	127270	1.48%	0.169%
73	19.627	2807	2812	2821	rBV2	1347338	2601925	30.30%	3.456%
74	21.409	3110	3115	3120	rBV	6242670	8033243	93.55%	10.669%
75	23.715	3502	3507	3515	rVB	3898696	7228020	84.18%	9.600%

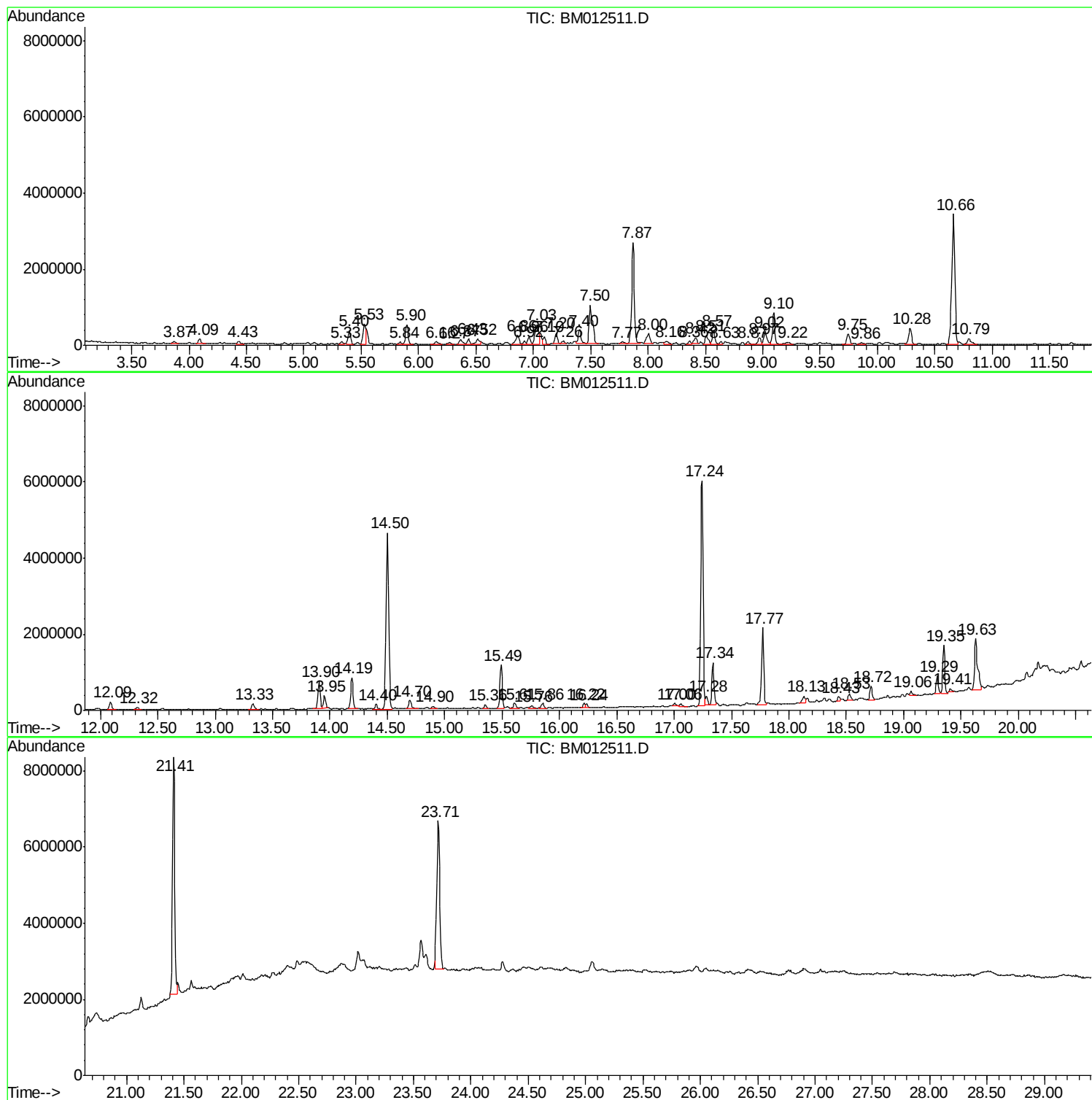
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



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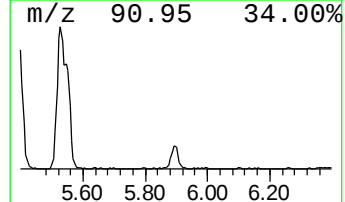
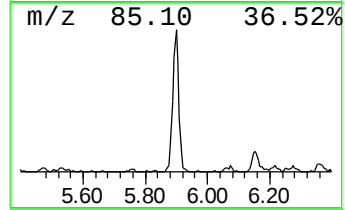
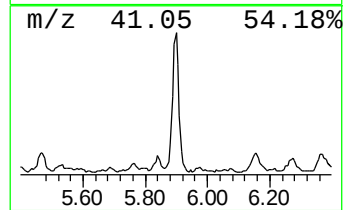
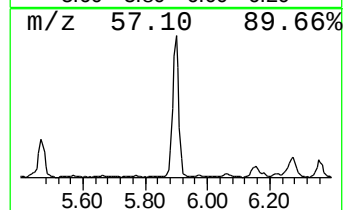
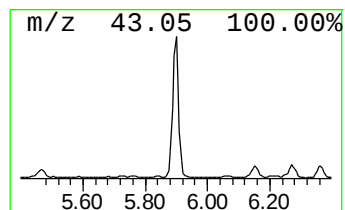
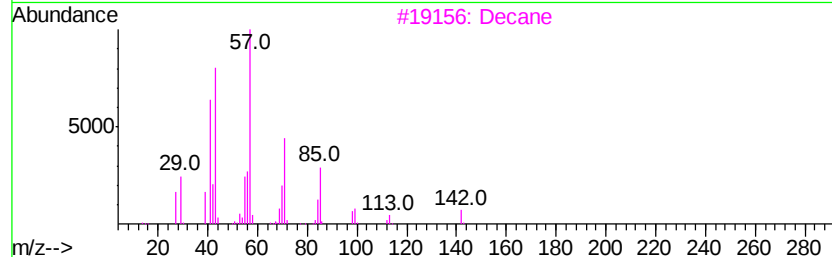
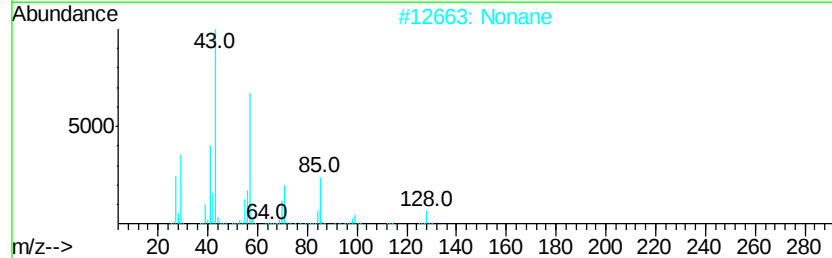
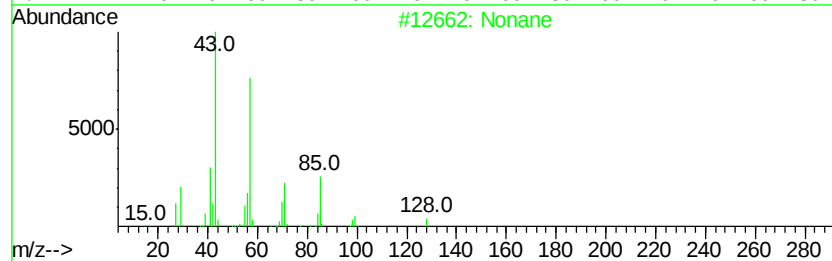
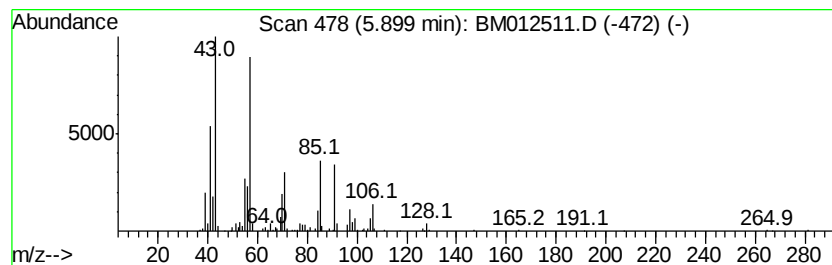
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	3.50 ng/ul	762369	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	93
2			Nonane	128	C9H20	000111-84-2	64
3			Decane	142	C10H22	000124-18-5	64
4			Undecane	156	C11H24	001120-21-4	64
5			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59



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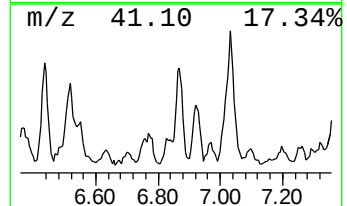
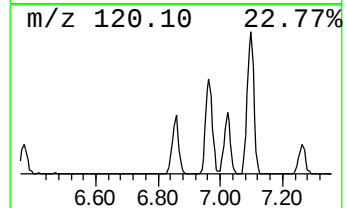
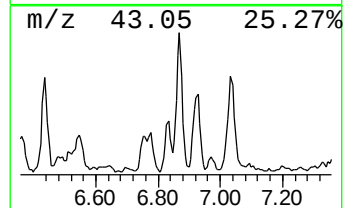
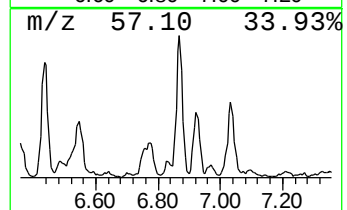
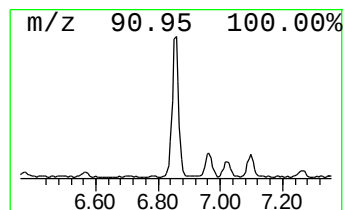
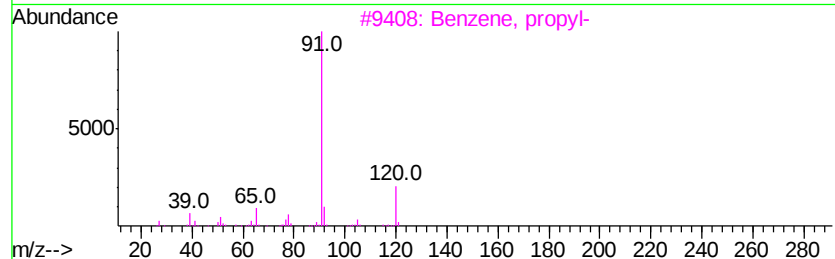
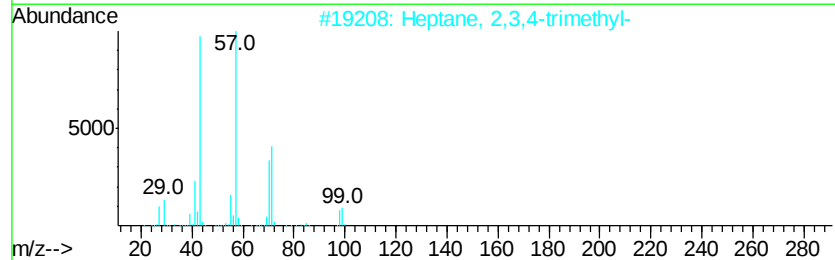
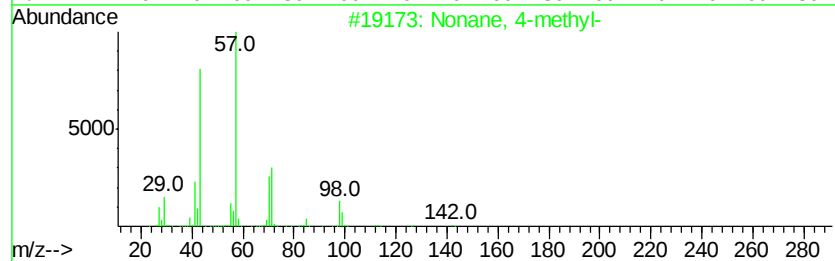
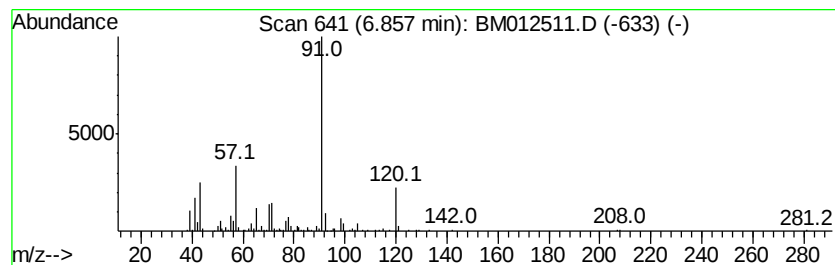
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	2.21 ng/ul	481663	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	60
2		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	43
3		Benzene, propyl-	120	C9H12	000103-65-1	38
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38
5		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	38



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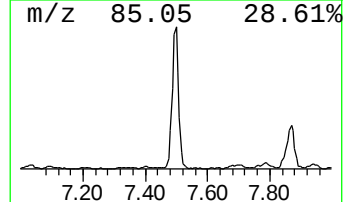
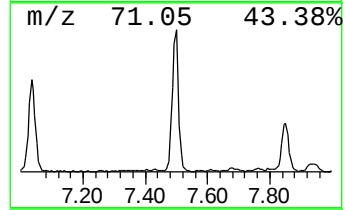
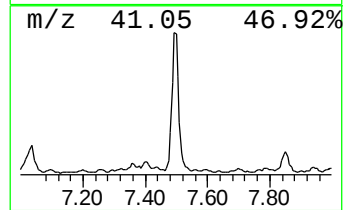
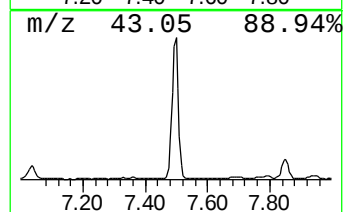
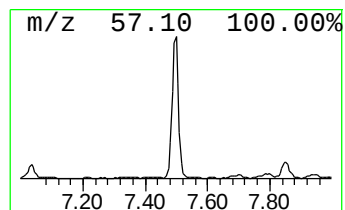
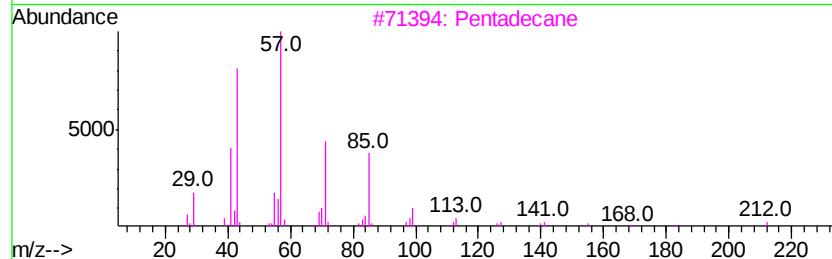
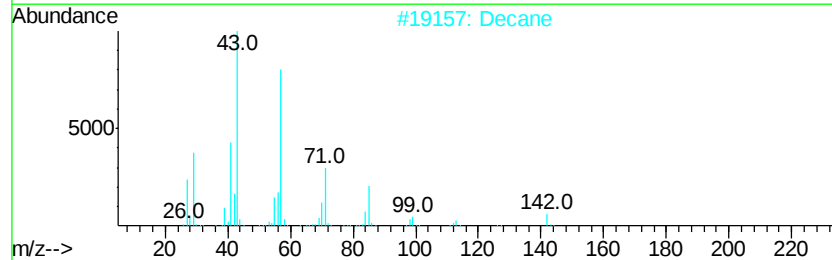
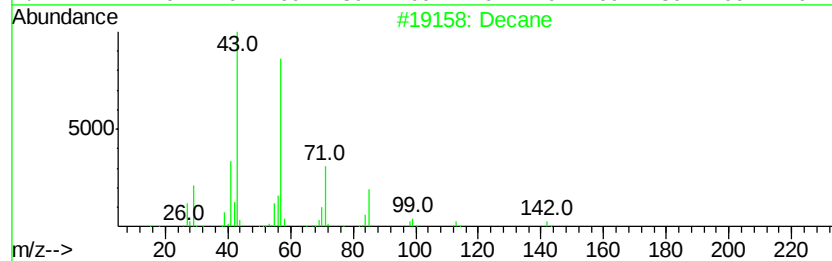
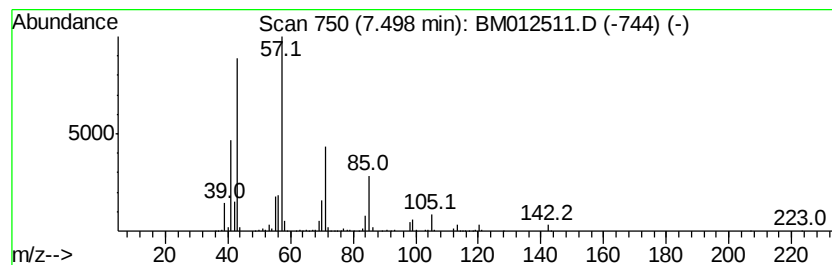
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	9.80 ng/ul	2134450	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	90
2		Decane	142	C10H22	000124-18-5	90
3		Pentadecane	212	C15H32	000629-62-9	83
4		Undecane	156	C11H24	001120-21-4	78
5		Tridecane	184	C13H28	000629-50-5	78



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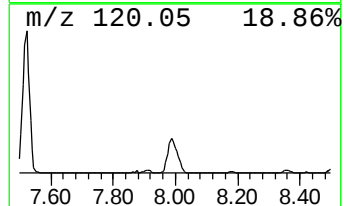
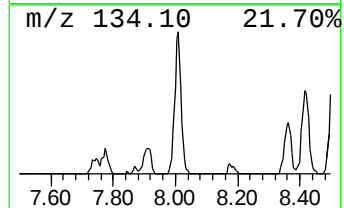
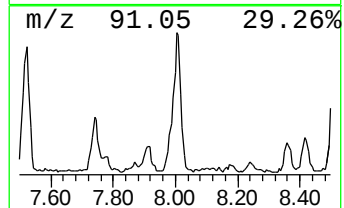
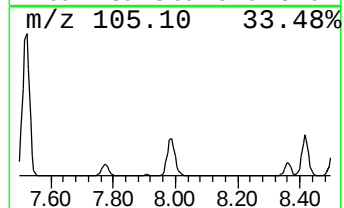
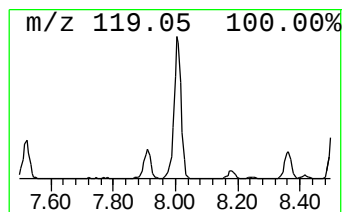
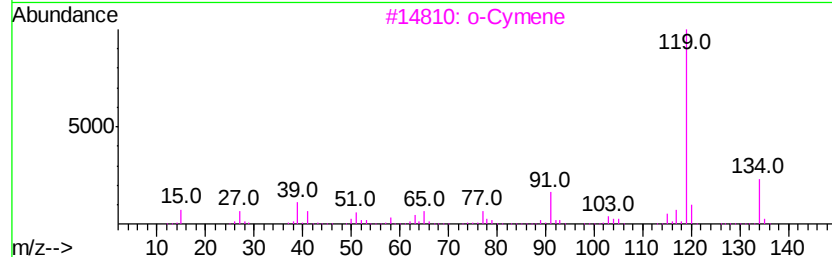
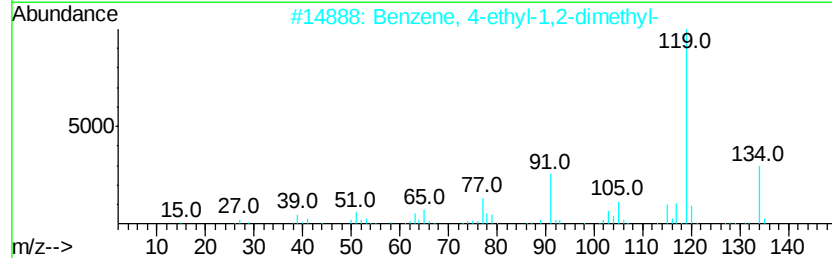
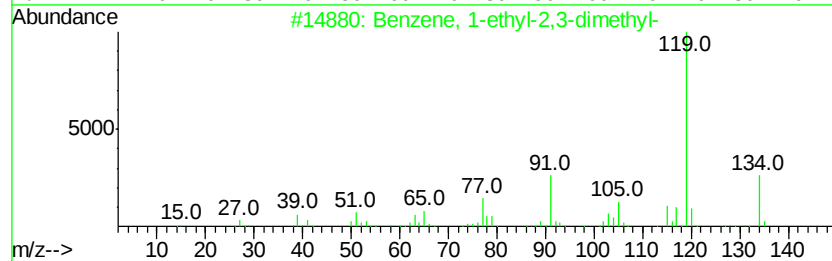
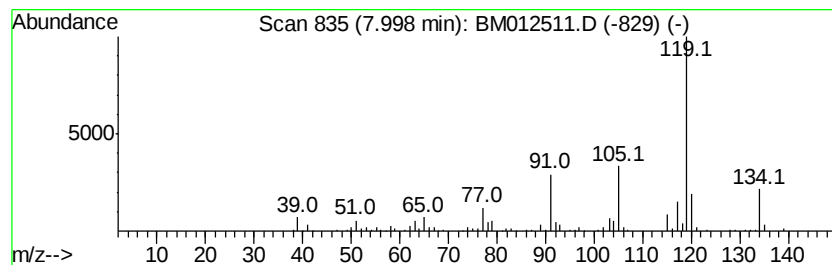
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	2.53 ng/ul	550286	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3		o-Cymene	134	C10H14	000527-84-4	93
4		o-Cymene	134	C10H14	000527-84-4	93
5		p-Cymene	134	C10H14	000099-87-6	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012511.D
Acq On : 28 Oct 2017 06:40
Operator : SJ/JU
Sample : I5719-13 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-27(0.5-1.5)-100517

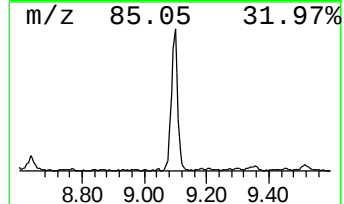
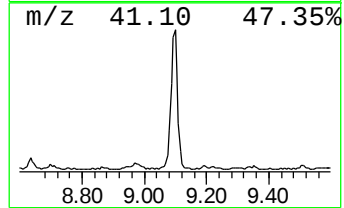
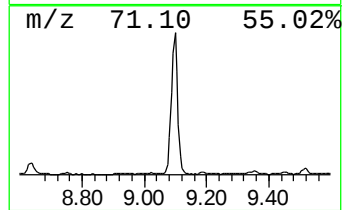
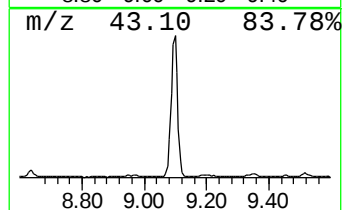
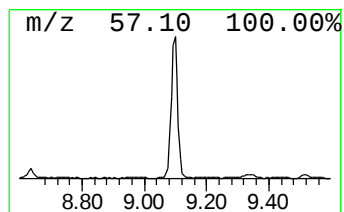
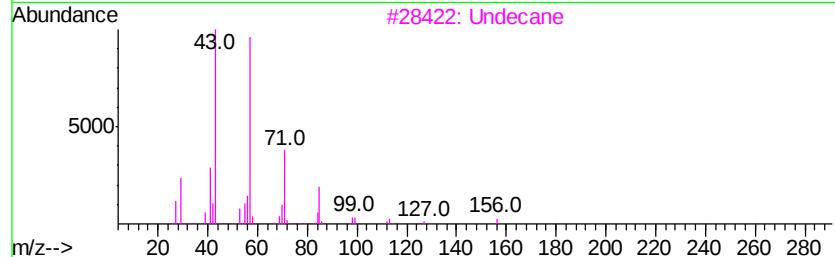
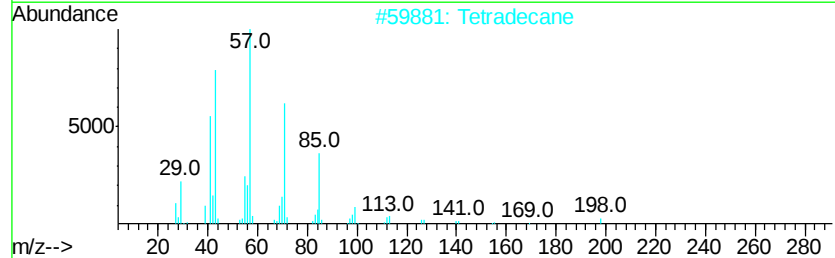
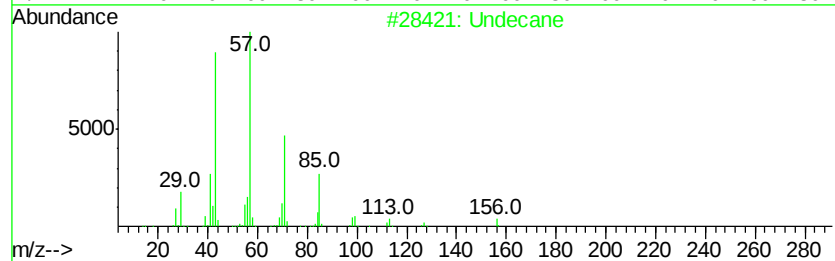
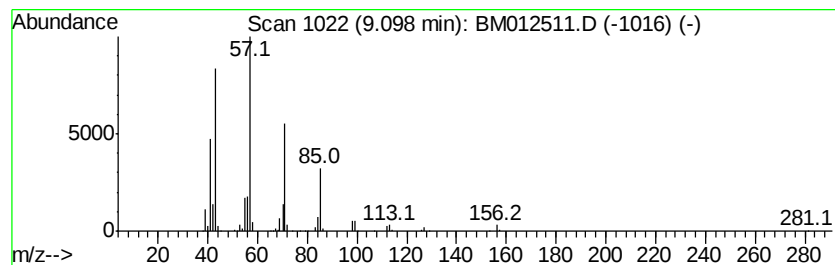
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Quant Title : SVOA CALIBRATION

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.
9.10	5.79 ng/ul	1261160	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Undecane	156	C11H24	001120-21-4	87
4		Tridecane	184	C13H28	000629-50-5	86
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012511.D
Acq On : 28 Oct 2017 06:40
Operator : SJ/JU
Sample : I5719-13 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

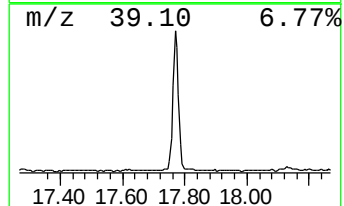
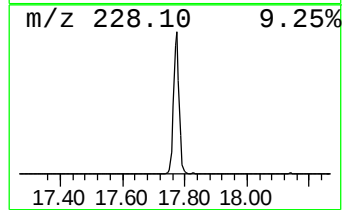
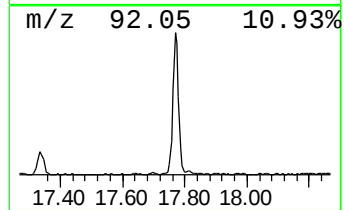
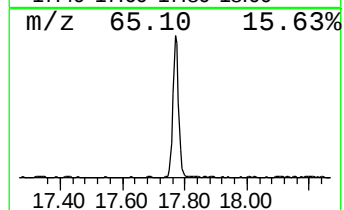
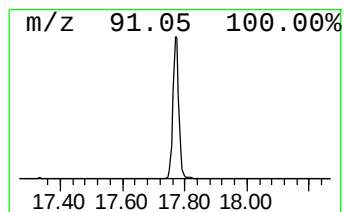
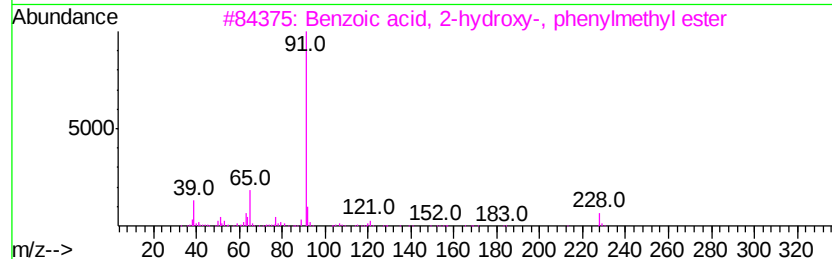
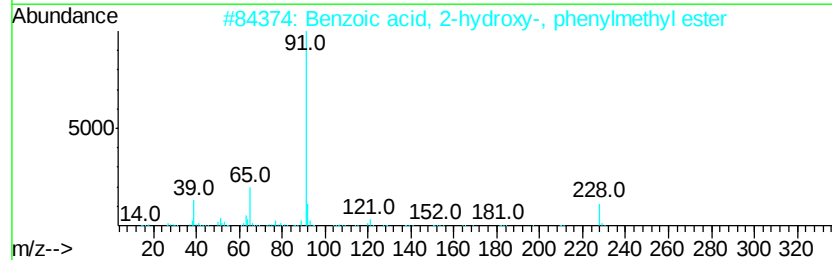
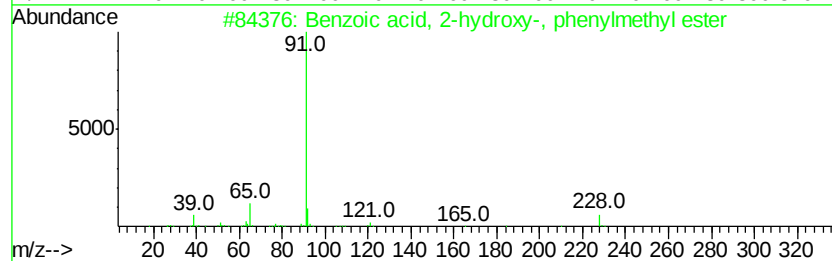
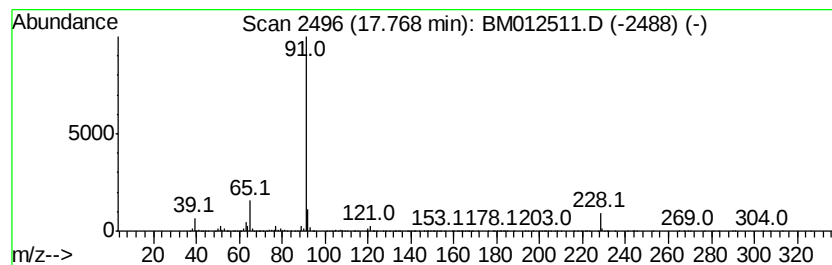
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzoic acid, 2-hydroxy-, p... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.77	6.51 ng/ul	2794330	Phenanthrene-d10	17.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-hydroxy-, phenyl...	228	C14H12O3	000118-58-1	95
2	Benzoic acid, 2-hydroxy-, phenyl...	228	C14H12O3	000118-58-1	95
3	Benzoic acid, 2-hydroxy-, phenyl...	228	C14H12O3	000118-58-1	87
4	Benzoic acid, 2-hydroxy-, phenyl...	228	C14H12O3	000118-58-1	83
5	4-Benzyloxybenzoic acid	228	C14H12O3	001486-51-7	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012511.D
Acq On : 28 Oct 2017 06:40
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Sample : I5719-13 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-27(0.5-1.5)-100517

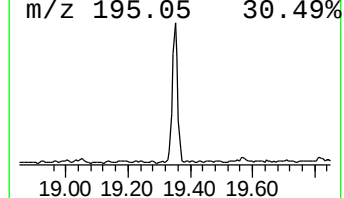
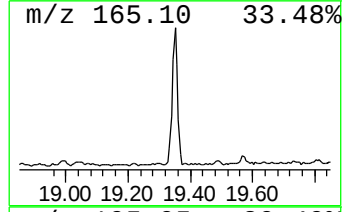
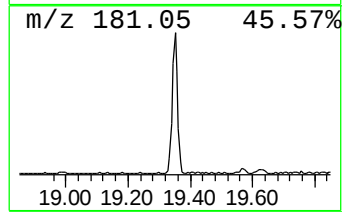
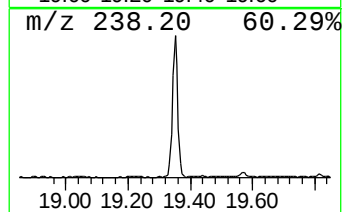
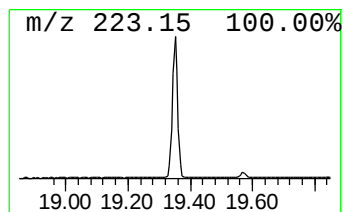
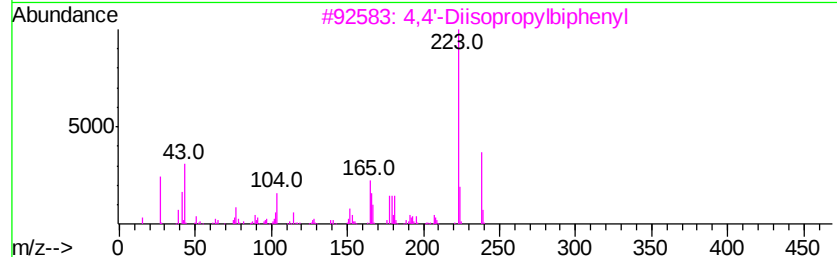
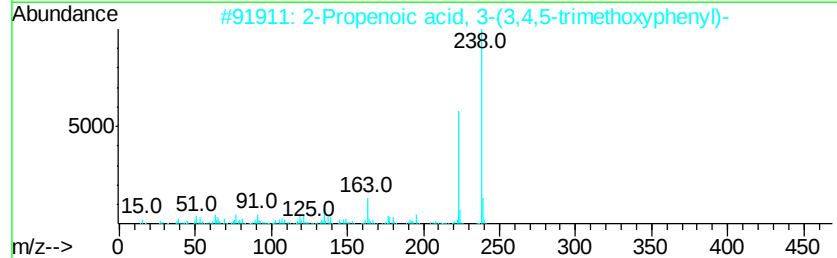
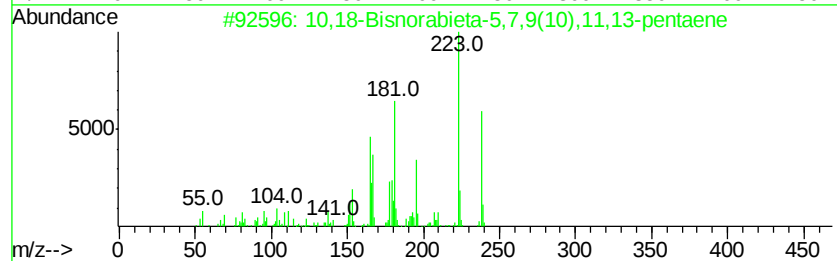
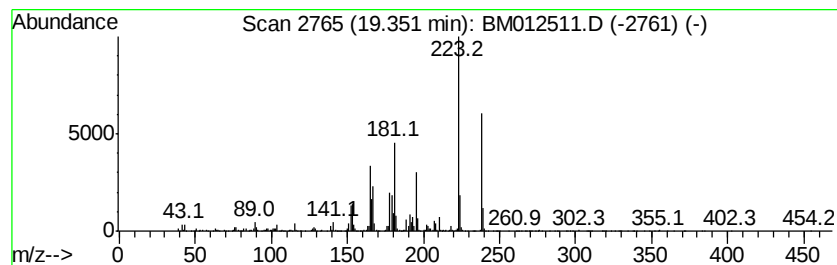
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	3.74 ng/ul	1502160	Chrysene-d12	21.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	60
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
4		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	53
5		9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102717\
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Acq On : 28 Oct 2017 06:40
Operator : SJ/JU
Sample : I5719-13 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-27(0.5-1.5)-100517

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	5.90	3.5	ng/ul	762369	1	7.87	4356760	20.0
(DEL) Alkane: Str...	6.86	2.2	ng/ul	481663	1	7.87	4356760	20.0
(DEL) Alkane: Str...	7.50	9.8	ng/ul	2134450	1	7.87	4356760	20.0
Benzene, 1-ethyl-...	8.00	2.5	ng/ul	550286	1	7.87	4356760	20.0
(DEL) Alkane: Str...	9.10	5.8	ng/ul	1261160	1	7.87	4356760	20.0
Benzoic acid, 2-h...	17.77	6.5	ng/ul	2794330	4	17.24	8586810	20.0
10,18-Bisnorabiet...	19.35	3.7	ng/ul	1502160	5	21.41	8033240	20.0