

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
 Data File : BM009841.D
 Acq On : 01 May 2017 21:43
 Operator : SJ/MA
 Sample : I2848-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHT45

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-BM042517.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	4.017	152	158	166	rBV	59357	97549	1.66%	0.164%
2	6.981	656	662	675	rVB	732133	1283228	21.81%	2.154%
3	7.146	685	690	698	rVB	558796	831807	14.14%	1.396%
4	7.346	717	724	731	rBV	683463	1102561	18.74%	1.851%
5	7.810	796	803	810	rBV	449237	708442	12.04%	1.189%
6	8.516	916	923	933	rBV	873143	1452878	24.69%	2.439%
7	8.981	994	1002	1010	rBV	715426	1196176	20.33%	2.008%
8	9.698	1115	1124	1132	rBV	606895	1041041	17.69%	1.747%
9	10.234	1207	1215	1228	rBV	843332	1490741	25.34%	2.502%
10	10.604	1272	1278	1285	rBV	616725	1034914	17.59%	1.737%
11	10.751	1296	1303	1322	rBV	786043	1426322	24.24%	2.394%
12	13.869	1826	1833	1837	rBV	1676120	2279282	38.74%	3.826%
13	13.916	1837	1841	1849	rVB	182429	263990	4.49%	0.443%
14	14.151	1874	1881	1887	rBV	1768155	2618447	44.50%	4.395%
15	14.457	1927	1933	1941	rBV2	952099	1490185	25.33%	2.501%
16	14.681	1963	1971	1983	rBV	848180	1449752	24.64%	2.433%
17	15.280	2069	2073	2078	rBV	69813	92141	1.57%	0.155%
18	15.457	2096	2103	2113	rBV	2359321	3356071	57.04%	5.633%
19	15.592	2121	2126	2136	rBV	876211	1227708	20.87%	2.061%
20	15.686	2136	2142	2148	rVB6	43461	91235	1.55%	0.153%
21	16.145	2215	2220	2229	rBV2	122733	211961	3.60%	0.356%
22	16.939	2351	2355	2358	rBV2	50041	60243	1.02%	0.101%
23	17.210	2394	2401	2411	rBV2	1338849	1957253	33.27%	3.285%
24	17.310	2412	2418	2425	rVB2	2768321	3953734	67.20%	6.636%
25	18.086	2546	2550	2556	rBV3	126814	187431	3.19%	0.315%
26	18.204	2565	2570	2574	rBV5	68654	101074	1.72%	0.170%
27	18.410	2600	2605	2611	rVB3	122874	183023	3.11%	0.307%
28	18.480	2611	2617	2624	rBV	362963	516447	8.78%	0.867%
29	18.669	2644	2649	2658	rVB2	678798	880718	14.97%	1.478%
30	18.745	2658	2662	2666	rBV7	51161	88340	1.50%	0.148%
31	18.816	2670	2674	2683	rVB2	176123	263095	4.47%	0.442%
32	18.945	2691	2696	2702	rBV7	56153	112376	1.91%	0.189%
33	19.239	2743	2746	2753	rVB3	56311	73265	1.25%	0.123%
34	19.316	2753	2759	2763	rBV2	211104	294296	5.00%	0.494%

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35	19.404	2769	2774	2780	rVB	1654934	2048746	34.82%	3.439%
36	19.498	2786	2790	2796	rBV2	64350	104619	1.78%	0.176%
37	19.610	2802	2809	2815	rBV	3695195	5089765	86.51%	8.543%
38	19.780	2834	2838	2844	rBV	637711	830453	14.11%	1.394%
39	19.910	2857	2860	2863	rBV5	51739	69039	1.17%	0.116%
40	19.945	2863	2866	2868	rVV3	53098	61709	1.05%	0.104%
41	20.045	2877	2883	2888	rVB	3214865	4004574	68.06%	6.722%
42	21.080	3055	3059	3065	rBV	869379	1068078	18.15%	1.793%
43	21.398	3108	3113	3119	rBV	2256006	2829706	48.09%	4.750%
44	21.980	3208	3212	3217	rBV	802723	986812	16.77%	1.656%
45	23.562	3474	3481	3492	rVB2	3009422	5883711	100.00%	9.876%
46	23.709	3500	3506	3514	rVB	1670820	3182605	54.09%	5.342%

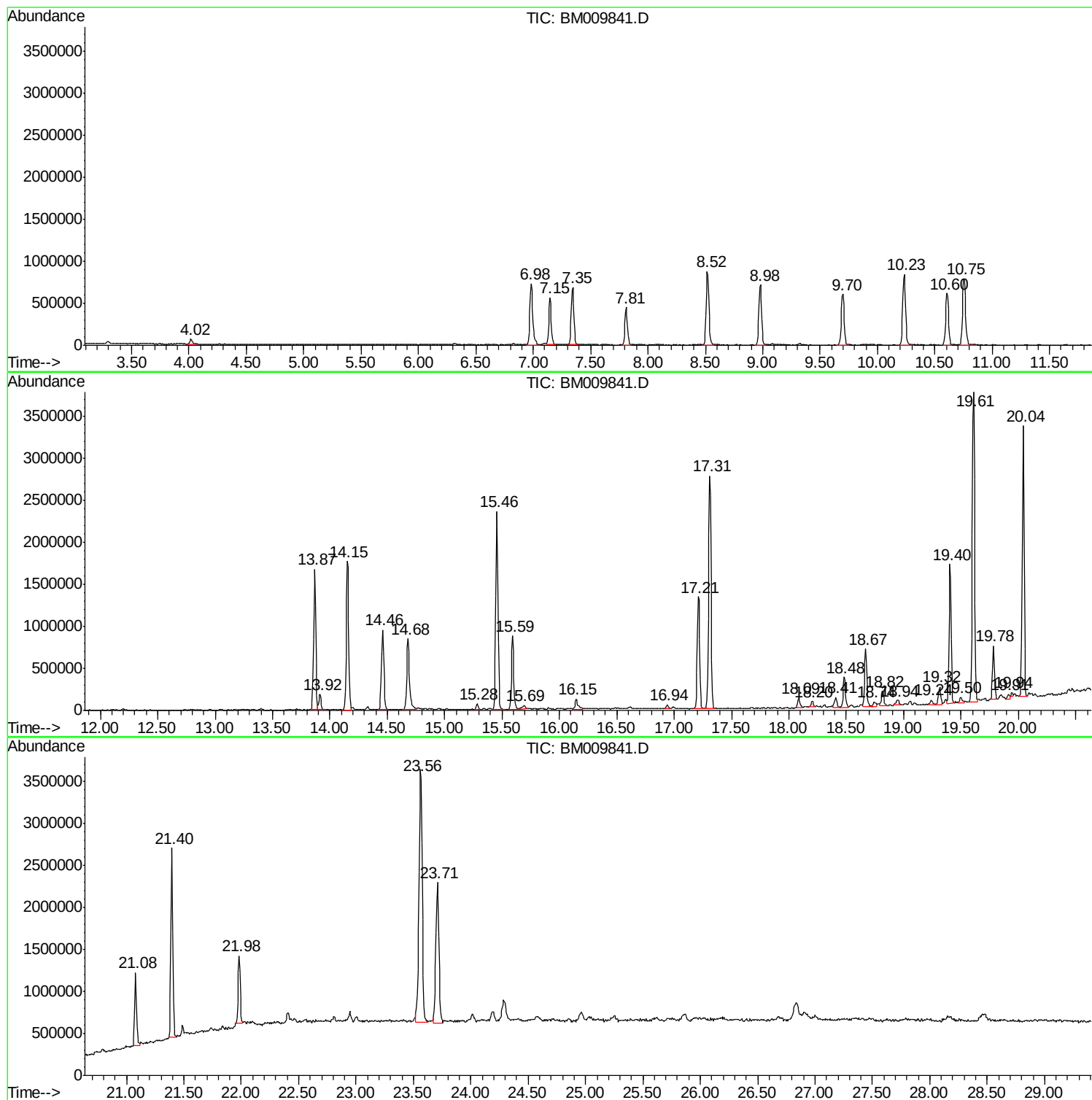
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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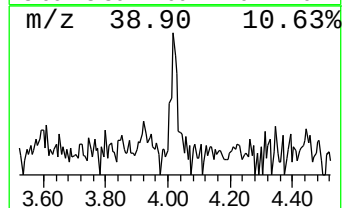
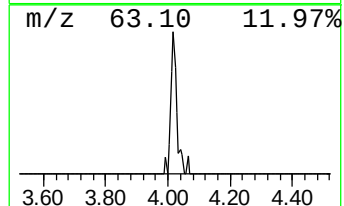
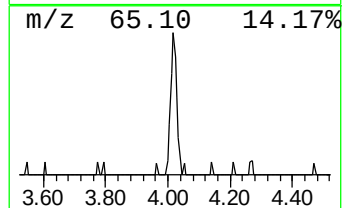
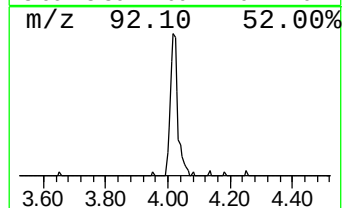
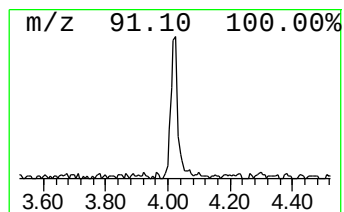
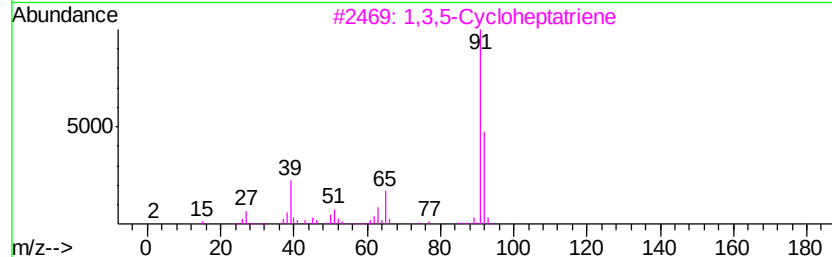
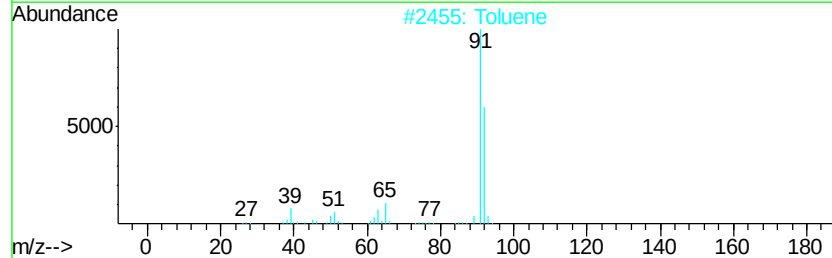
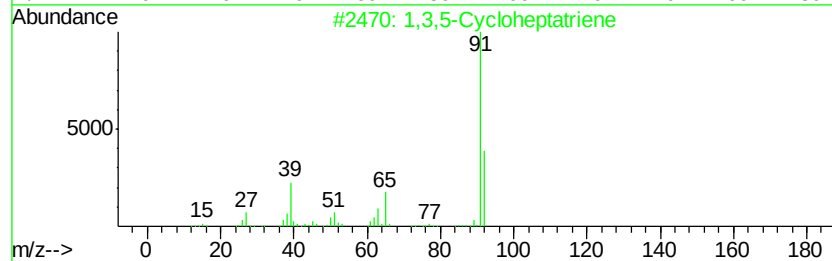
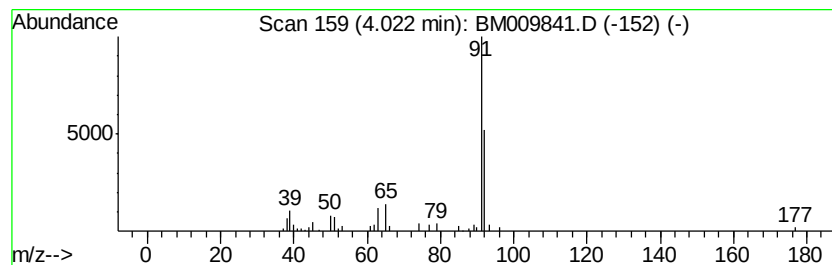
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	2.75 ng/ul	97549	1,4-Dichlorobenzene-d4	7.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	91
2			Toluene	92	C7H8	000108-88-3	91
3			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	91
4			Toluene	92	C7H8	000108-88-3	90
5			Toluene	92	C7H8	000108-88-3	86



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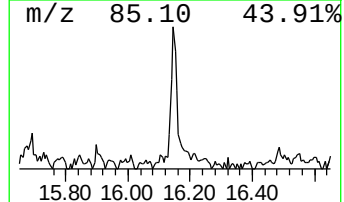
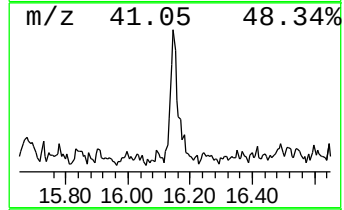
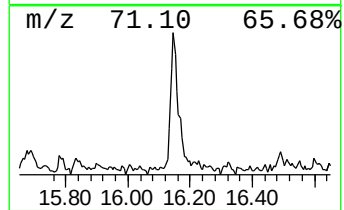
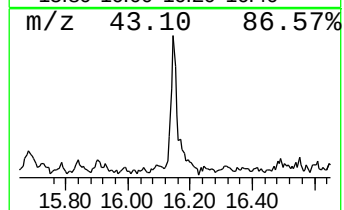
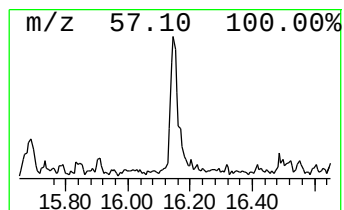
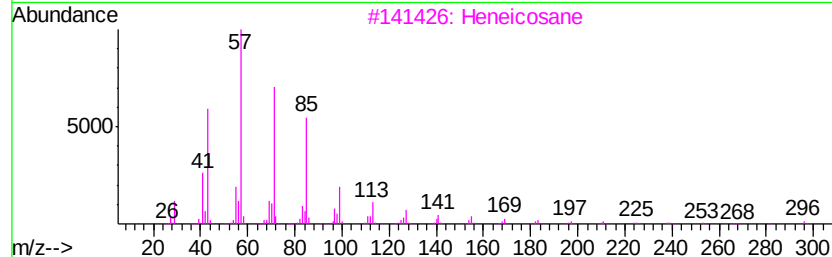
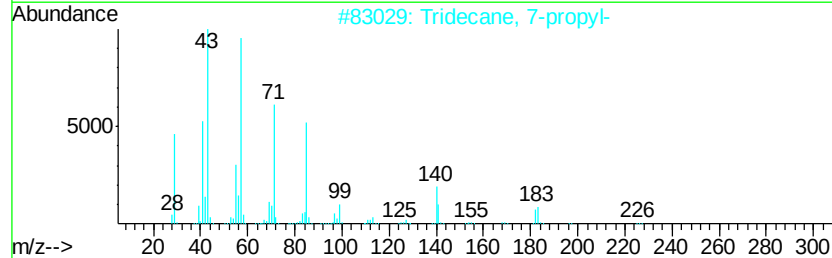
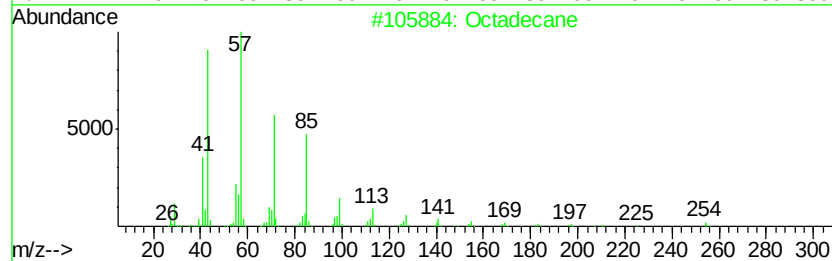
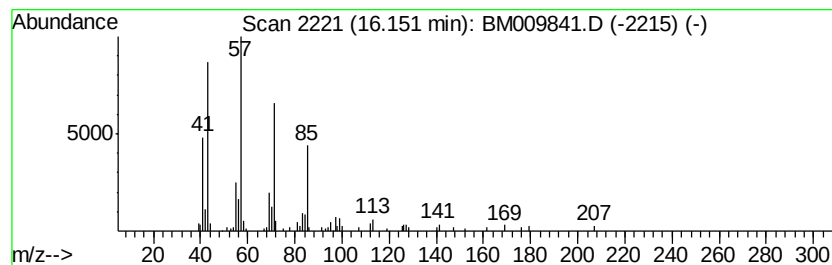
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.17 ng/ul	211961	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	80
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
3		Heneicosane	296	C21H44	000629-94-7	78
4		Pentadecane	212	C15H32	000629-62-9	72
5		Hexadecane	226	C16H34	000544-76-3	72



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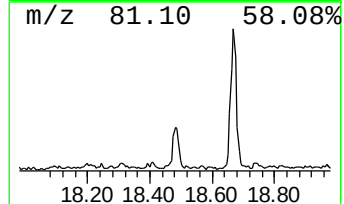
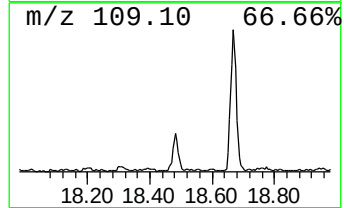
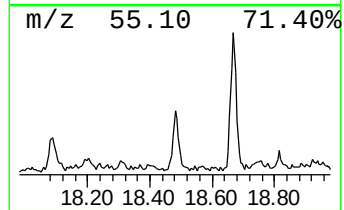
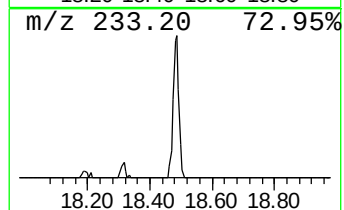
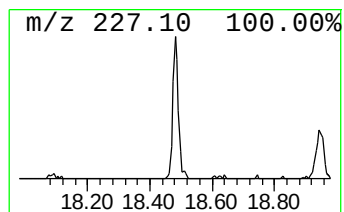
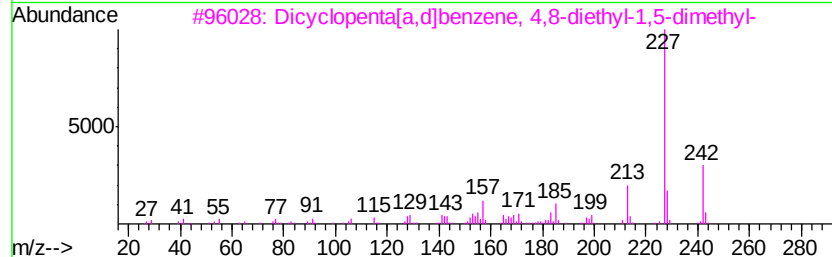
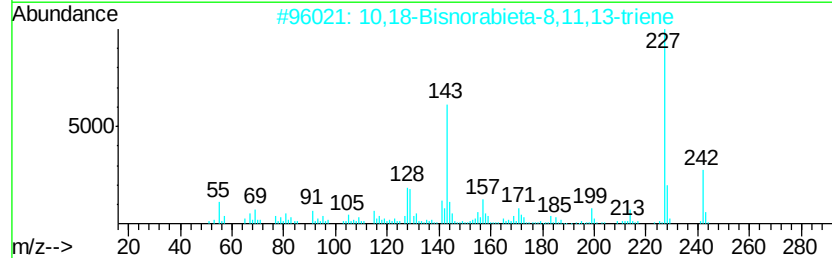
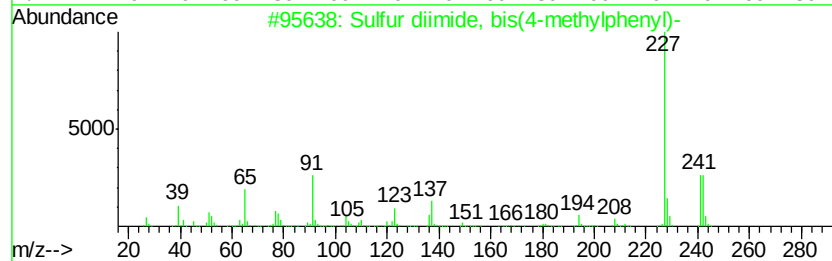
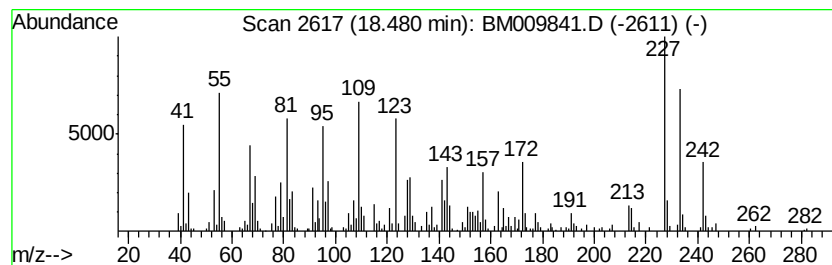
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.48	5.28 ng/ul	516447	Phenanthrene-d10	17.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfur diimide, bis(4-methylphen...	242	C14H14N2S	003839-88-1	25
2		10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	25
3		Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	20
4		7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	18
5		s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	18



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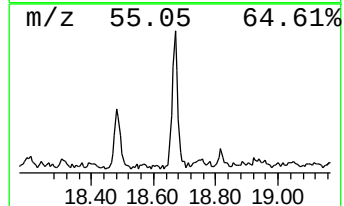
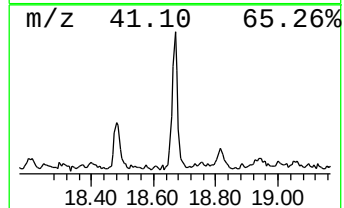
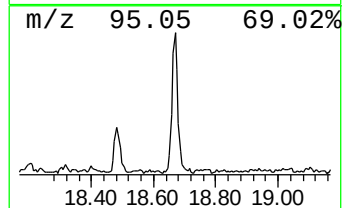
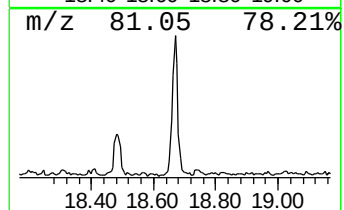
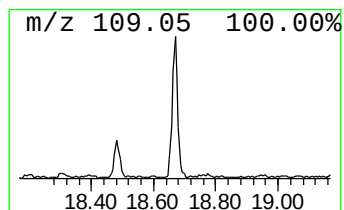
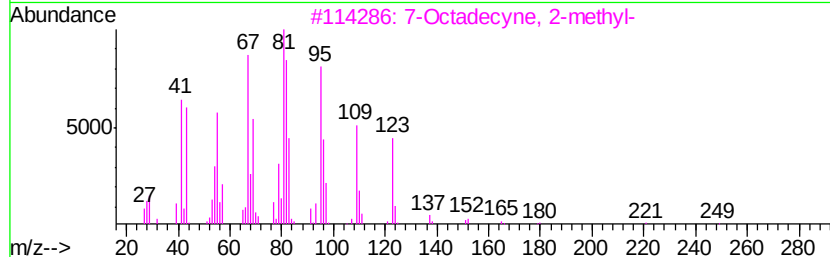
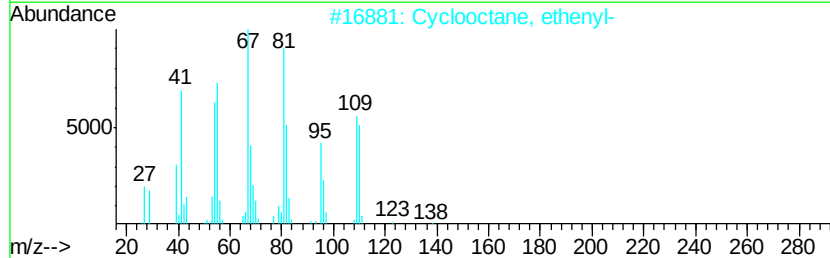
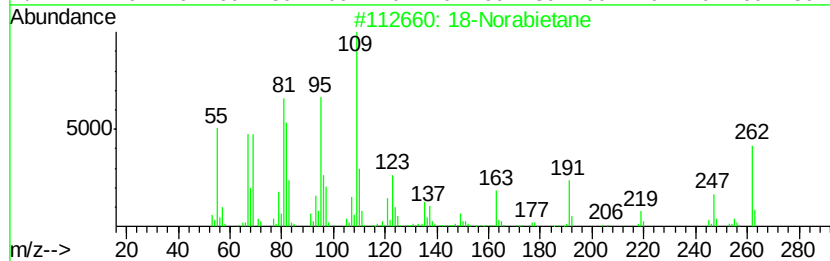
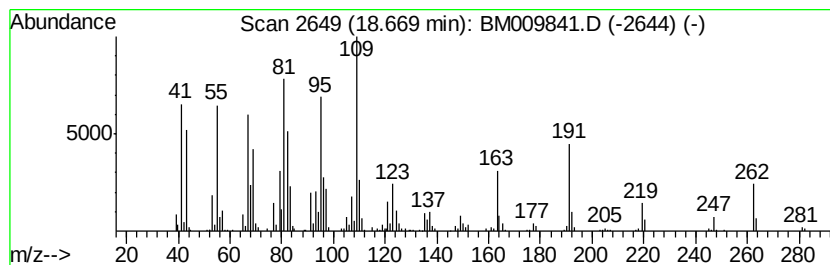
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Peak Number 4 18-Norabietane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	9.00 ng/ul	880718	Phenanthrene-d10	17.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane		262	C19H34	1000293-16-6	53
2	Cyclooctane, ethenyl-		138	C10H18	061142-41-4	46
3	7-Octadecyne, 2-methyl-		264	C19H36	035354-38-2	43
4	Cyclohexene, 1,2-dimethyl-		110	C8H14	001674-10-8	38
5	7-Heptadecyne, 17-chloro-		270	C17H31Cl	056554-75-7	35



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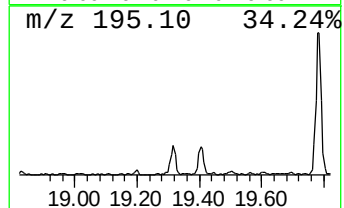
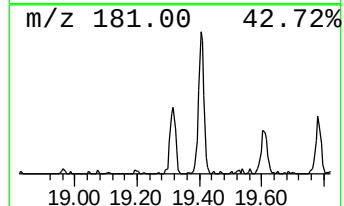
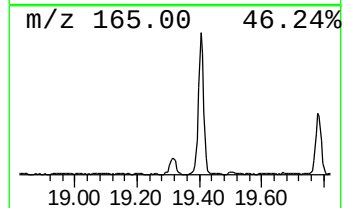
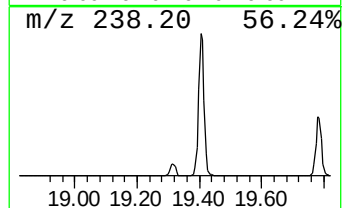
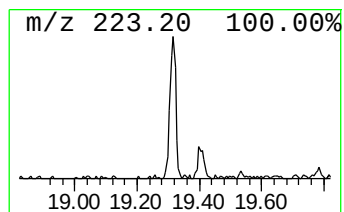
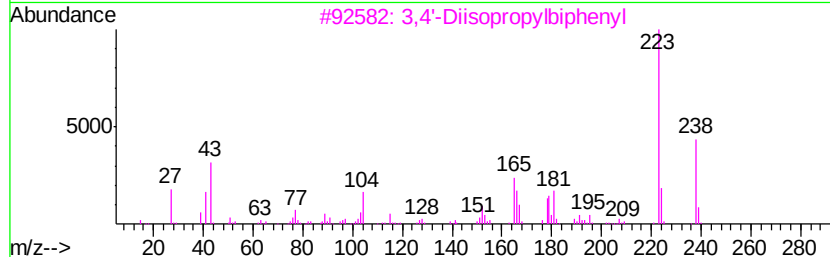
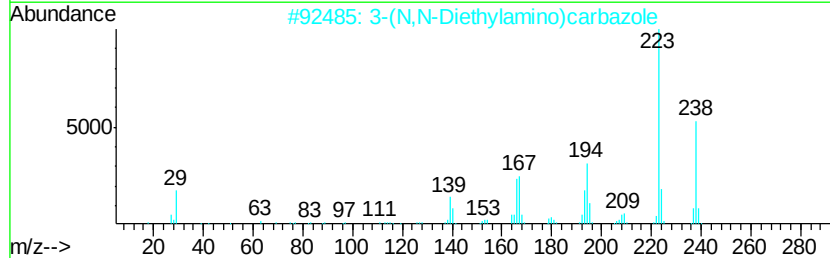
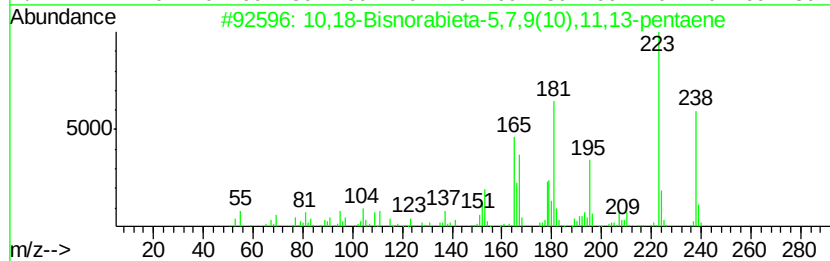
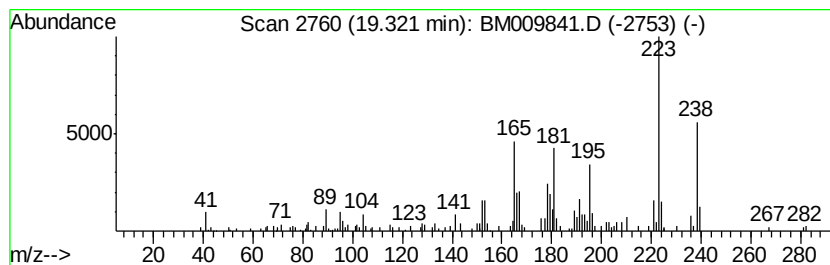
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.08 ng/ul	294296	Chrysene-d12	21.40

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		3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	50
3		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	49
4		Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	43
5		1,11,11-Trimethyl-1,2,3,4-tetra...	238	C16H18N2	1000210-51-9	42



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009841.D
Acq On : 01 May 2017 21:43
Operator : SJ/MA
Sample : I2848-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHT45

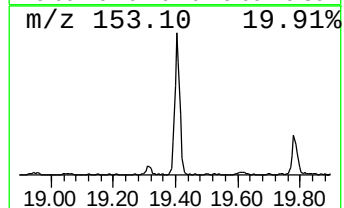
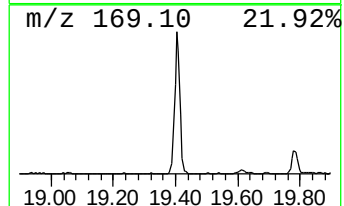
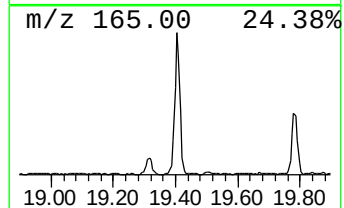
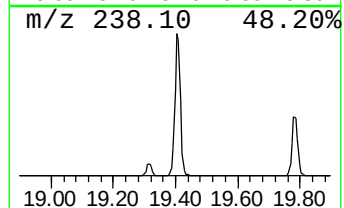
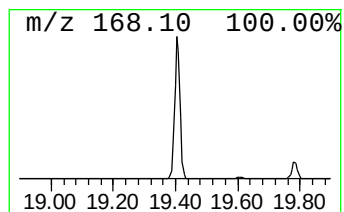
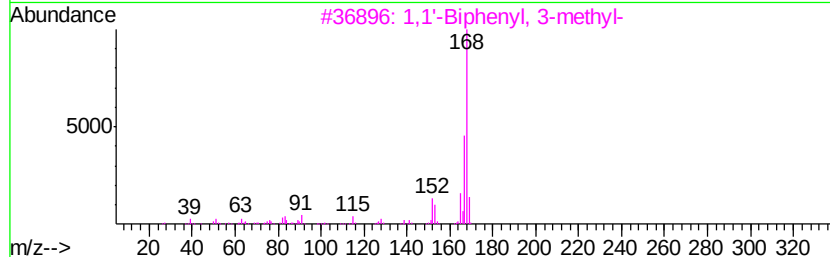
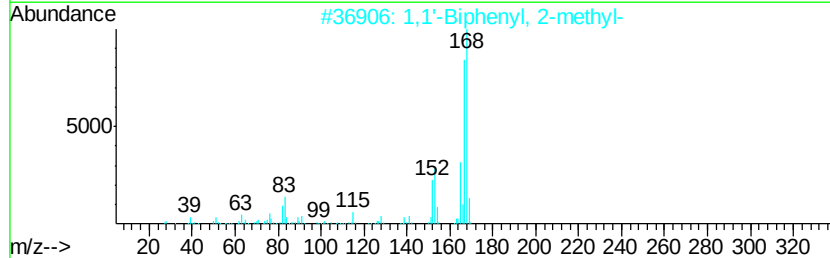
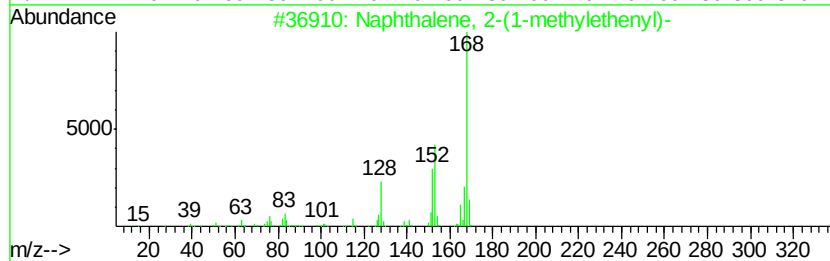
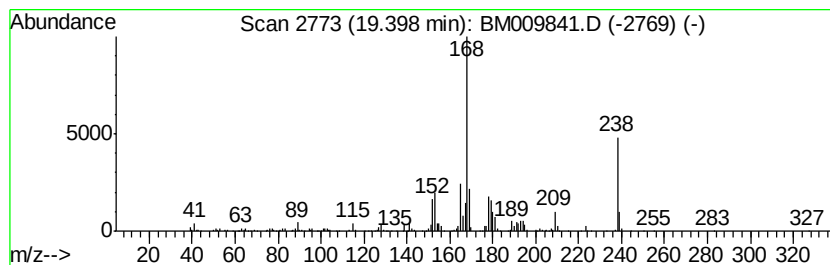
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	14.48 ng/ul	2048750	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	45
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	41
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	41
4		Diphenylmethane	168	C13H12	000101-81-5	38
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009841.D
Acq On : 01 May 2017 21:43
Operator : SJ/MA
Sample : I2848-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

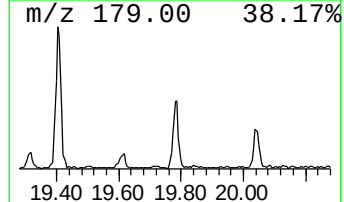
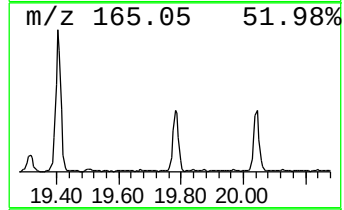
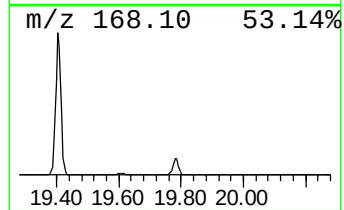
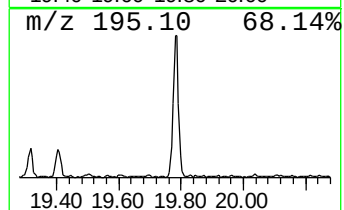
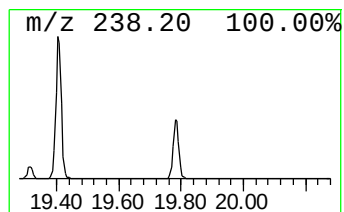
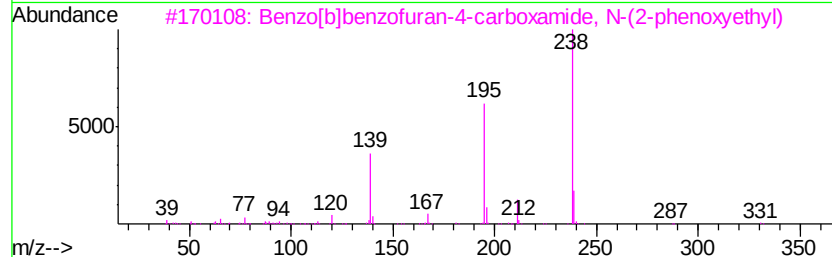
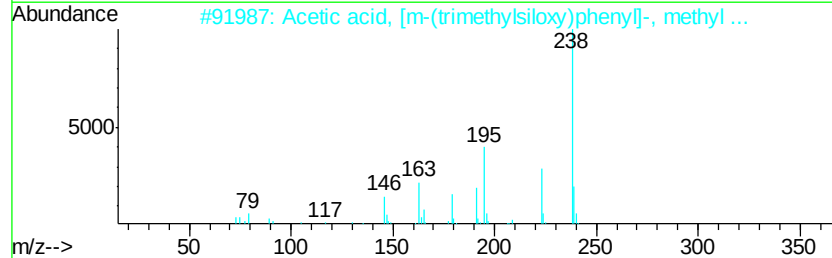
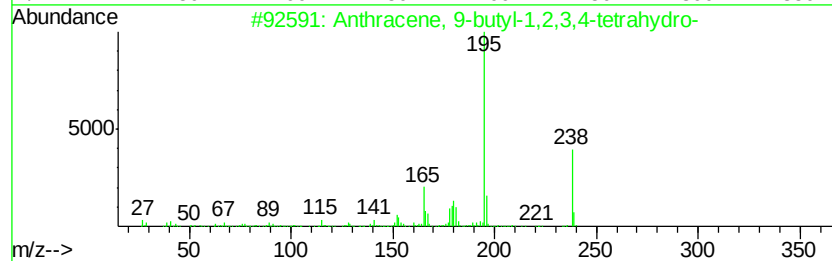
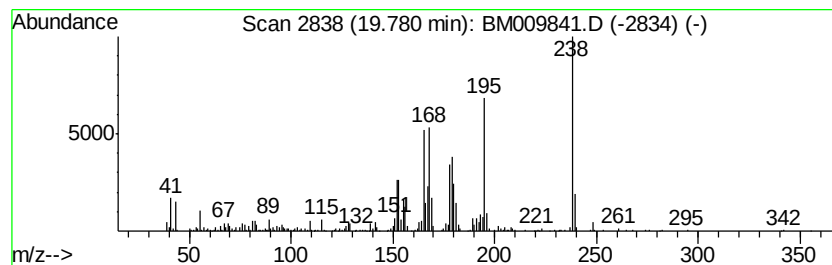
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Anthracene, 9-butyl-1,2,3,4... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.78	5.87 ng/ul	830453	Chrysene-d12	21.40		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	64
2		Acetic acid, [m-(trimethylsiloxy)...	238	C12H18O3Si	027798-61-4	38
3		Benzo[b]benzofuran-4-carboxamide...	331	C21H17N03	1000337-44-7	35
4		Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	35
5		4-(2-p-Tolylvinyl)benzoic acid	238	C16H14O2	043122-74-3	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
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Acq On : 01 May 2017 21:43
Operator : SJ/MA
Sample : I2848-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

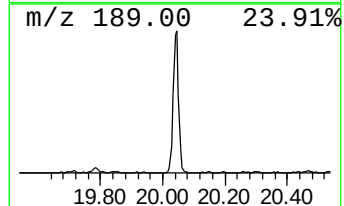
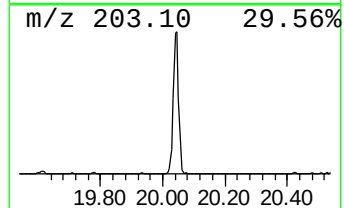
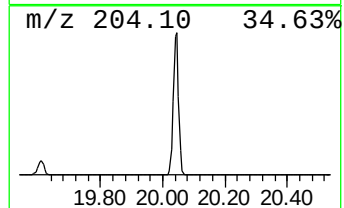
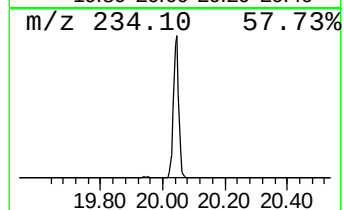
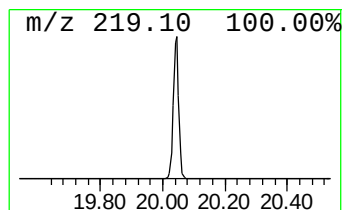
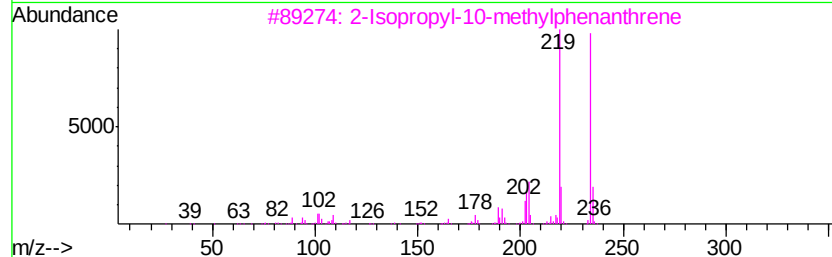
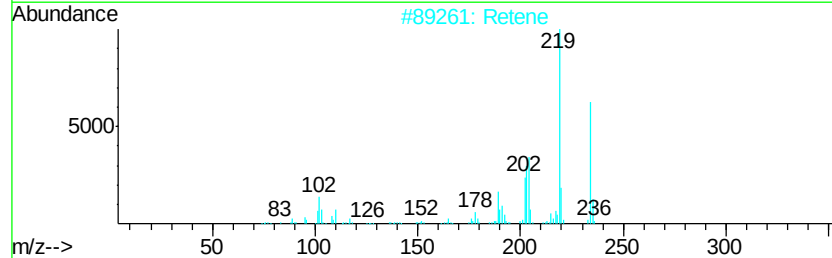
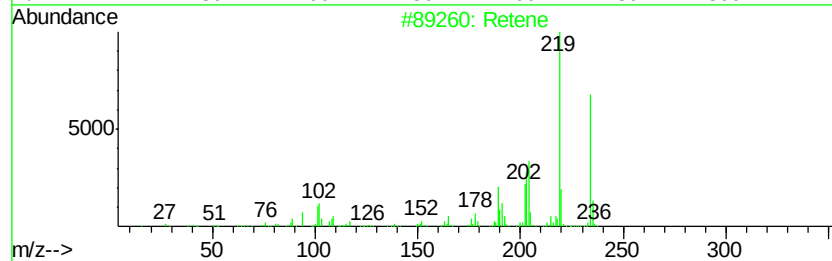
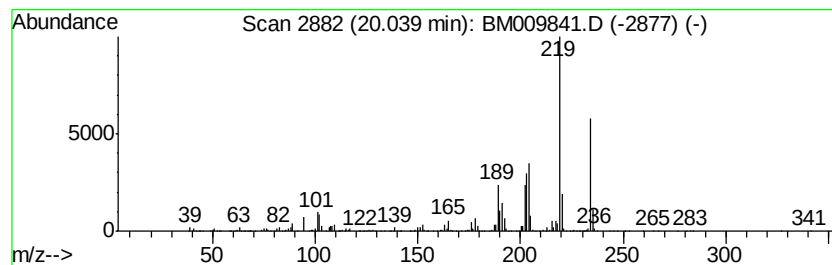
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	28.30 ng/ul	4004570	Chrysene-d12	21.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Retene		234 C18H18	000483-65-8 98
2	Retene		234 C18H18	000483-65-8 95
3	2-Isopropyl-10-methylphenanthrene		234 C18H18	066552-97-4 95
4	Retene		234 C18H18	000483-65-8 94
5	Phenanthrene, 3,4,5,6-tetramethyl-		234 C18H18	007343-06-8 76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
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Operator : SJ/MA
Sample : I2848-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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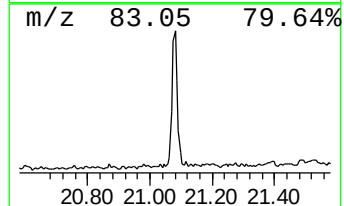
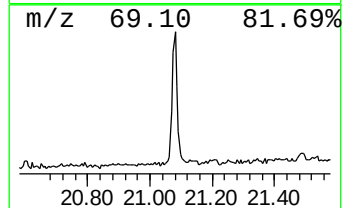
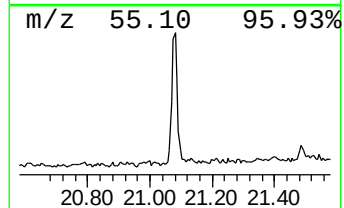
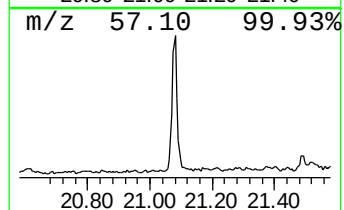
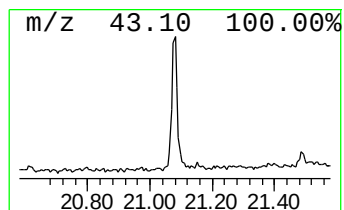
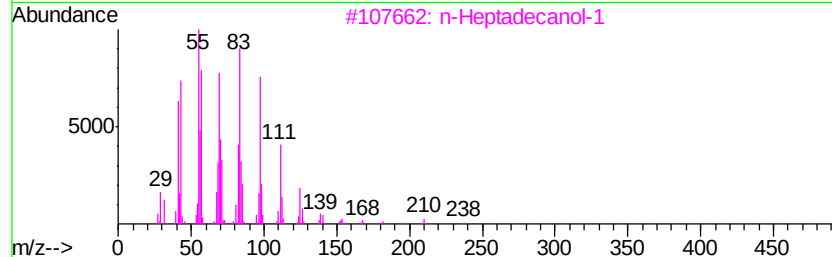
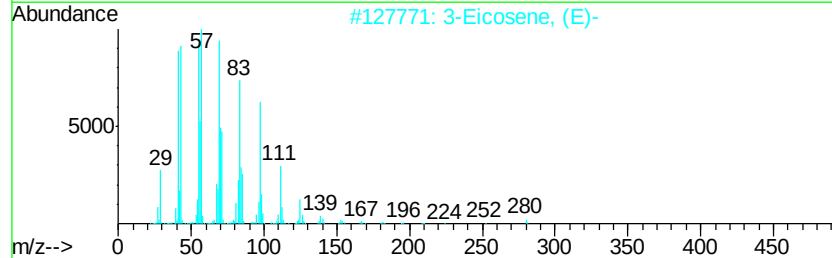
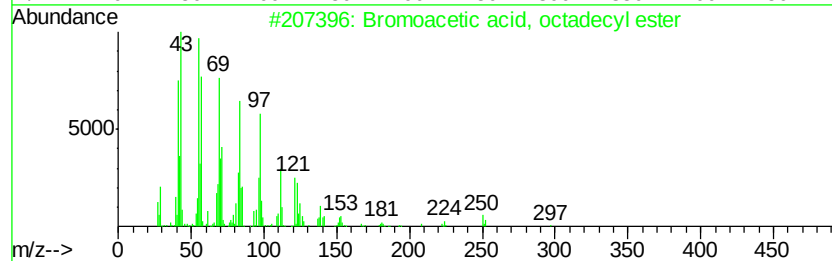
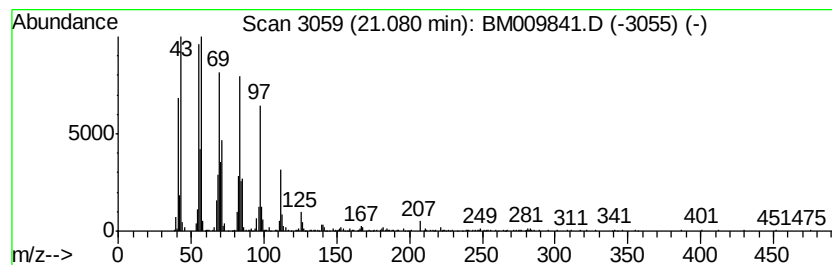
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Bromoacetic acid, octadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	7.55 ng/ul	1068080	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3			n-Heptadecanol-1	256	C17H36O	001454-85-9	90
4			1-Hexadecanol	242	C16H34O	036653-82-4	90
5			n-Nonadecanol-1	284	C19H40O	001454-84-8	90



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Sample : I2848-11
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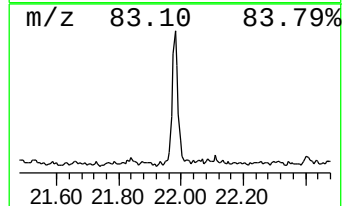
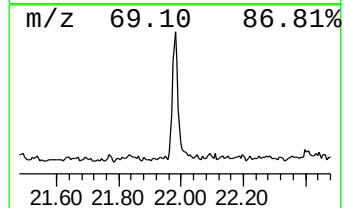
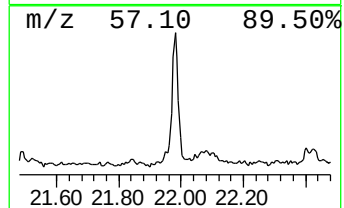
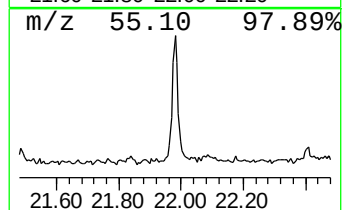
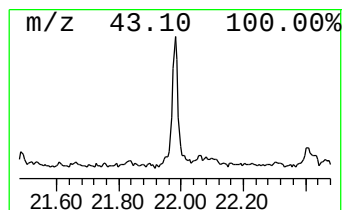
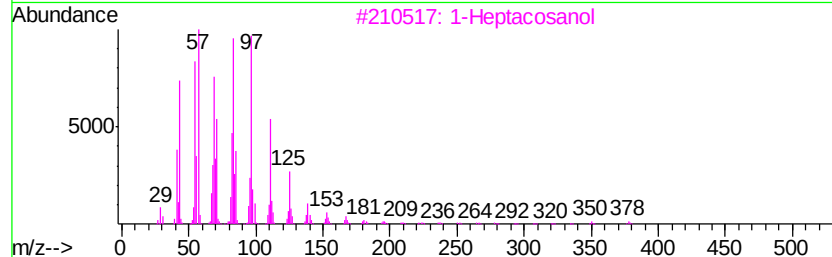
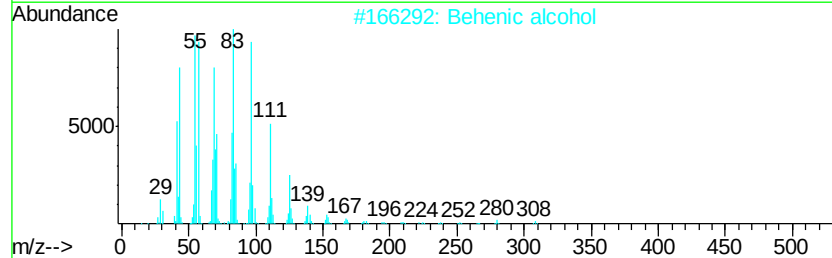
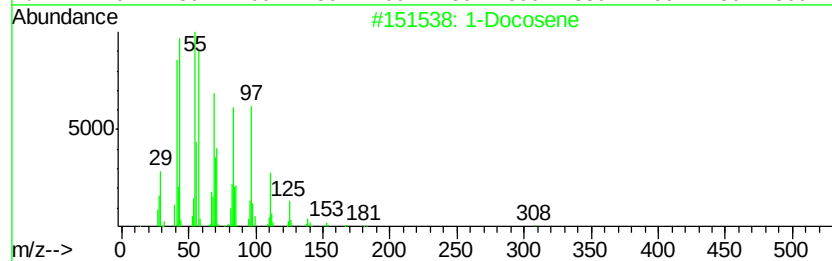
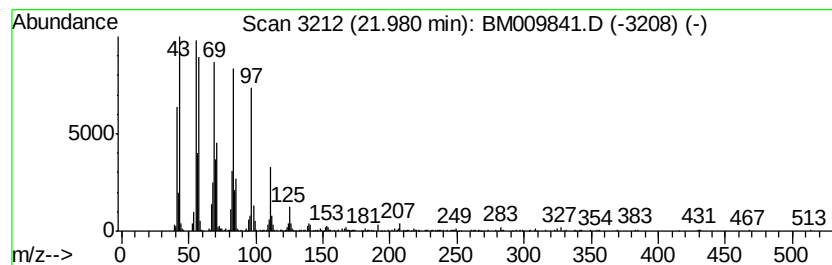
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic21.98 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	6.97 ng/ul	986812	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	93
2		Behenic alcohol	326	C22H46O	000661-19-8	91
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	81



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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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
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(DEL) Alkane: Str...	16.15	2.2	ng/ul	211961	4	17.21	1957250	20.0
unknown-01	18.48	5.3	ng/ul	516447	4	17.21	1957250	20.0
18-Norabietane	18.67	9.0	ng/ul	880718	4	17.21	1957250	20.0
4b,8-Dimethyl-2-i...	18.82	2.7	ng/ul	263095	4	17.21	1957250	20.0
10,18-Bisnorabiet...	19.32	2.1	ng/ul	294296	5	21.40	2829710	20.0
unknown-02	19.40	14.5	ng/ul	2048750	5	21.40	2829710	20.0
Anthracene, 9-but...	19.78	5.9	ng/ul	830453	5	21.40	2829710	20.0
Retene	20.04	28.3	ng/ul	4004570	5	21.40	2829710	20.0
Bromoacetic acid,...	21.08	7.5	ng/ul	1068080	5	21.40	2829710	20.0
(DEL) Alkane: Cyc...	21.98	7.0	ng/ul	986812	5	21.40	2829710	20.0