

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
 Data File : BM012266.D
 Acq On : 18 Oct 2017 01:47
 Operator : SJ/JU
 Sample : I5664-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B62

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-BM101217.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	6.957	652	658	676	rVB2	445563	944215	5.93%	1.640%
2	7.116	676	685	695	rBV	373545	670206	4.21%	1.164%
3	7.316	713	719	733	rVB	564747	975189	6.12%	1.694%
4	7.787	794	799	812	rVB	654181	1136816	7.14%	1.974%
5	8.504	914	921	934	rBV	613757	1168965	7.34%	2.030%
6	8.957	991	998	1007	rBV	474106	912228	5.73%	1.584%
7	9.681	1108	1121	1129	rBV	468841	968045	6.08%	1.681%
8	10.139	1193	1199	1206	rBV	165758	275331	1.73%	0.478%
9	10.222	1206	1213	1231	rVB	568373	1172964	7.37%	2.037%
10	10.587	1267	1275	1289	rVB	753298	1514674	9.51%	2.630%
11	10.734	1294	1300	1308	rBV	373160	732347	4.60%	1.272%
12	13.845	1824	1829	1834	rBV	1156358	1667015	10.47%	2.895%
13	13.892	1834	1837	1843	rVB	460726	669191	4.20%	1.162%
14	14.133	1872	1878	1888	rBV	1329715	2042023	12.83%	3.546%
15	14.439	1924	1930	1937	rVB2	1336206	2006911	12.60%	3.485%
16	14.674	1964	1970	1981	rBV3	178746	467314	2.94%	0.812%
17	15.216	2058	2062	2066	rBV4	125673	194282	1.22%	0.337%
18	15.257	2066	2069	2074	rVB	130944	178251	1.12%	0.310%
19	15.433	2094	2099	2105	rBV	1706237	2512915	15.78%	4.364%
20	15.580	2120	2124	2131	rBV	296689	473558	2.97%	0.822%
21	15.674	2136	2140	2147	rVB2	120607	214939	1.35%	0.373%
22	16.151	2217	2221	2227	rVB	285138	412641	2.59%	0.717%
23	16.974	2358	2361	2366	rVB2	254569	358523	2.25%	0.623%
24	17.192	2392	2398	2403	rBV	1818935	2765686	17.37%	4.803%
25	17.286	2410	2414	2422	rVB	1874417	2644340	16.61%	4.592%
26	18.068	2544	2547	2551	rBV2	575886	759879	4.77%	1.320%
27	19.292	2753	2755	2760	rVB2	635934	668386	4.20%	1.161%
28	19.586	2801	2805	2809	rBV	2505586	3429694	21.54%	5.956%
29	21.268	3083	3091	3095	rBV	8251450	15921548	100.00%	27.650%
30	21.374	3106	3109	3113	rVB	3033070	3738271	23.48%	6.492%
31	22.986	3378	3383	3388	rBV3	1411694	3566698	22.40%	6.194%
32	24.733	3675	3680	3689	rVB6	773270	2419098	15.19%	4.201%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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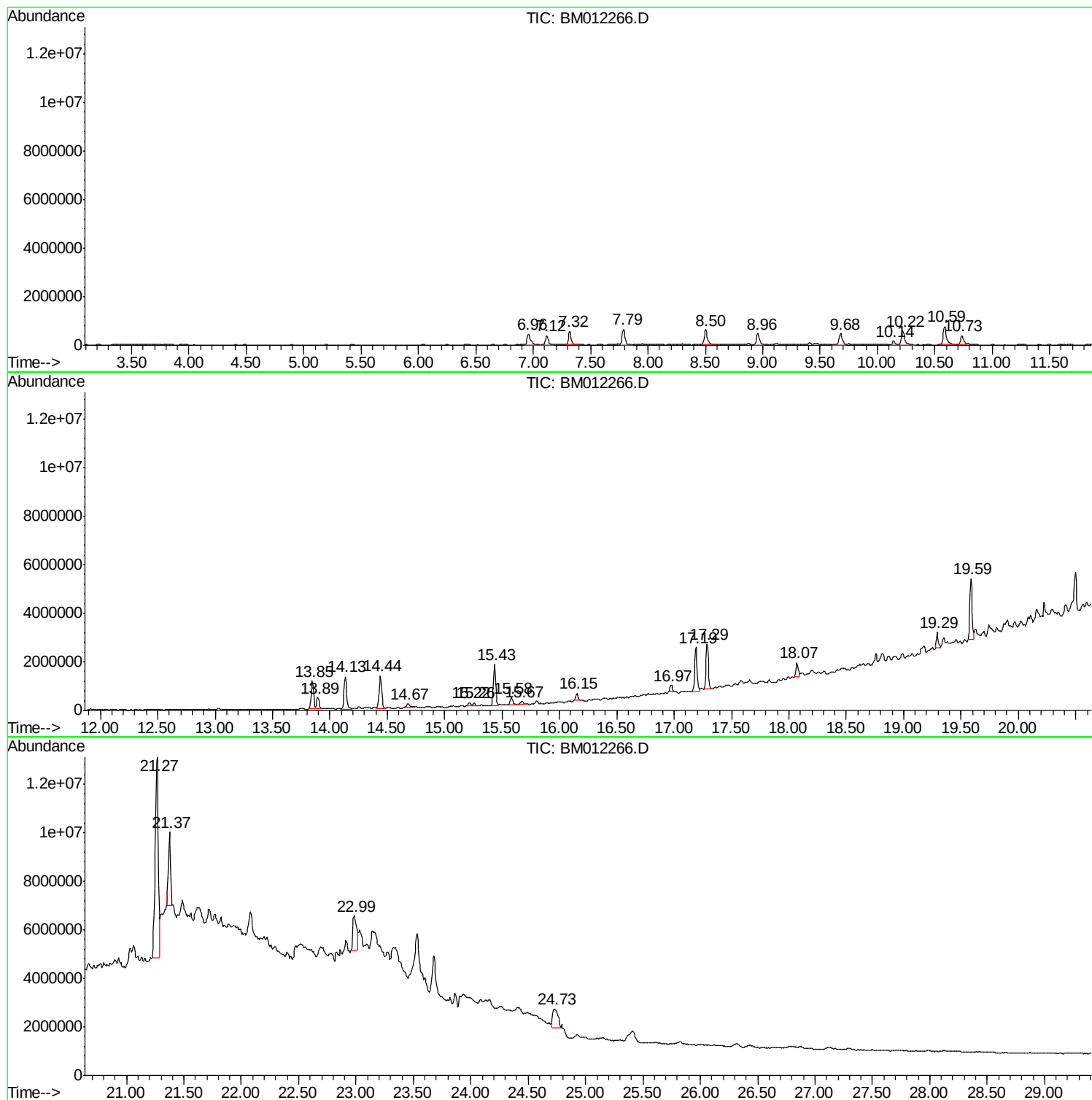
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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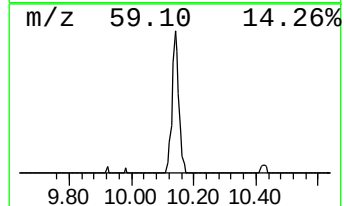
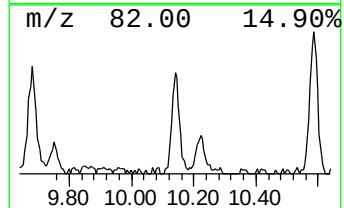
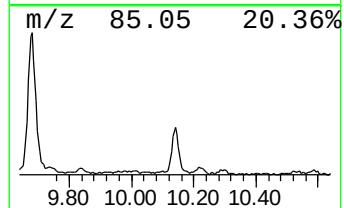
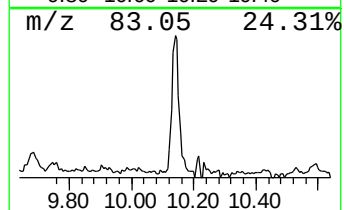
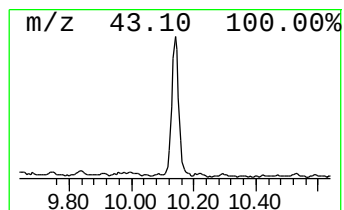
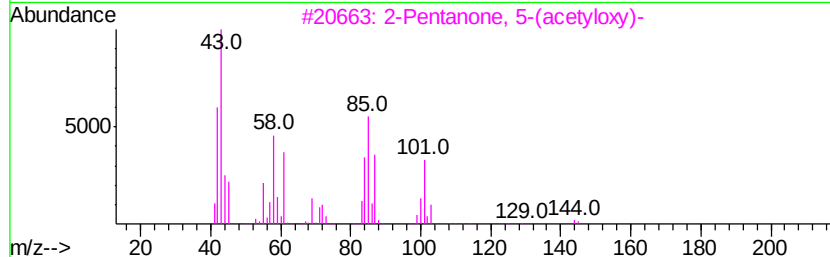
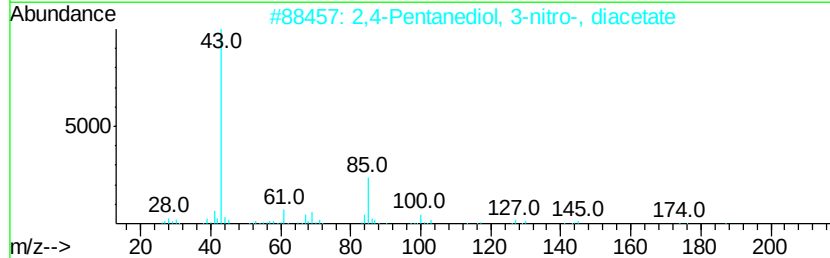
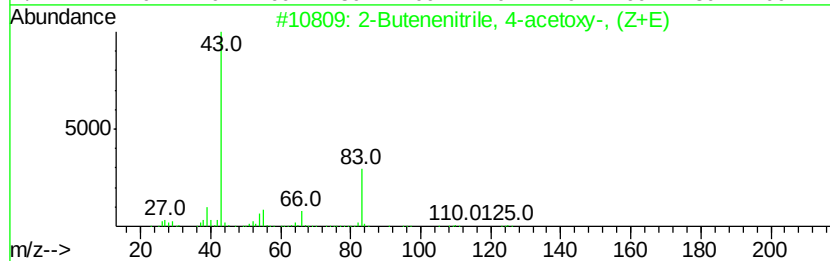
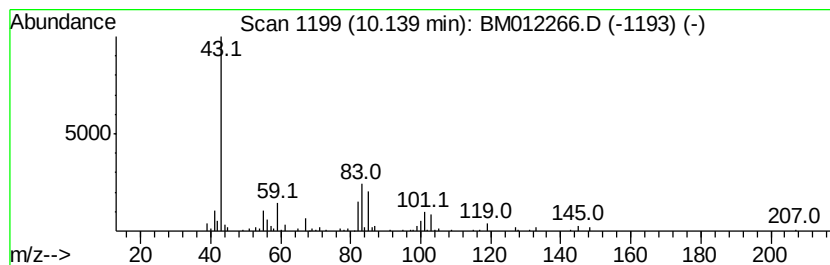
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	3.64 ng/ul	275331	Naphthalene-d8	10.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butenenitrile, 4-acetoxv-, (Z+E)	125	C6H7NO2	1000158-79-0	27
2			2,4-Pentanediol, 3-nitro-, diace...	233	C9H15NO6	078651-66-8	25
3			2-Pentanone, 5-(acetvloxy)-	144	C7H12O3	005185-97-7	22
4			2-Nonanone, 9-[tetrahydro-2H-py...	242	C14H26O3	054699-41-1	17
5			2-Pentanone, 3-ethyl-3-methyl-	128	C8H16O	019780-65-5	16



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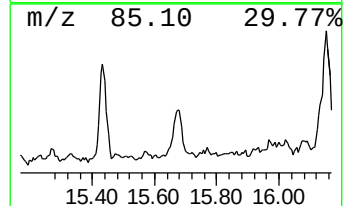
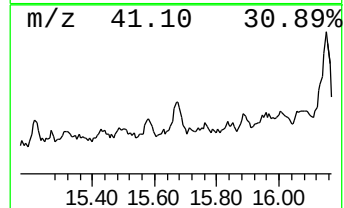
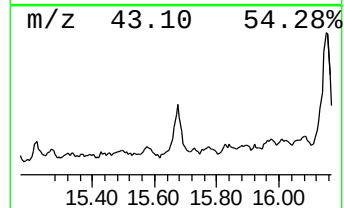
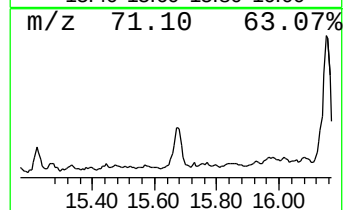
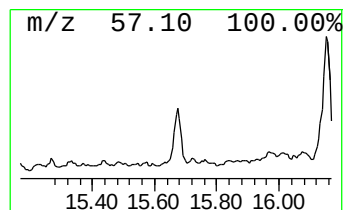
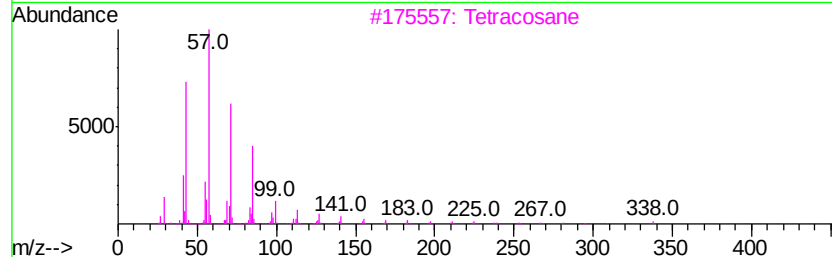
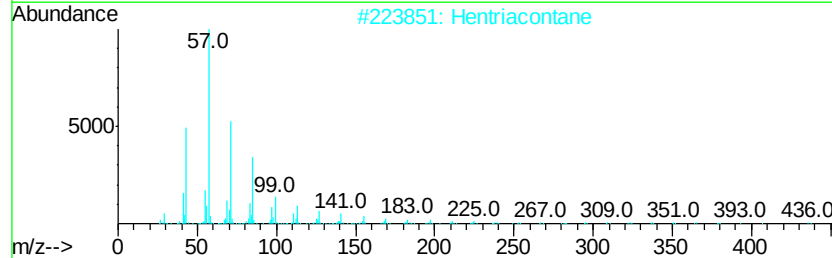
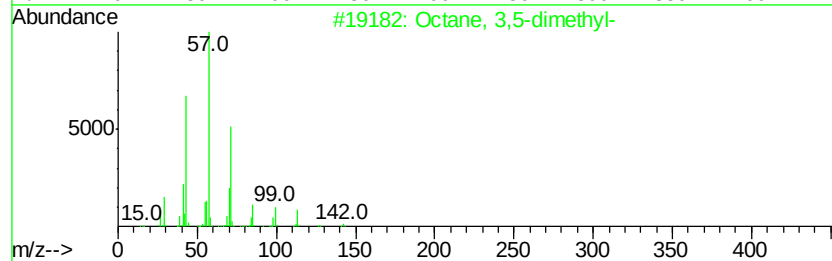
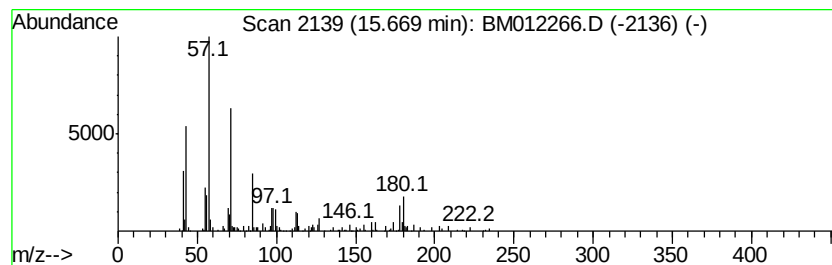
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.14 ng/ul	214939	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	60
2		Hentriacontane	437	C31H64	000630-04-6	58
3		Tetracosane	338	C24H50	000646-31-1	58
4		Heptacosane	380	C27H56	000593-49-7	53
5		Tetratetracontane	619	C44H90	007098-22-8	53



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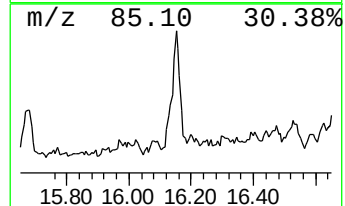
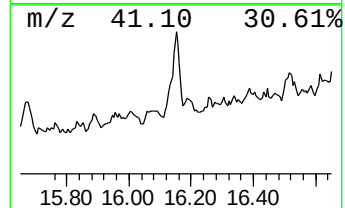
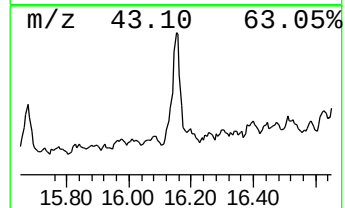
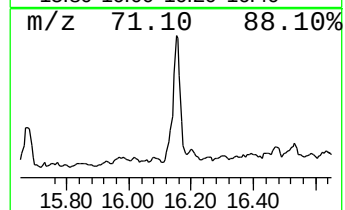
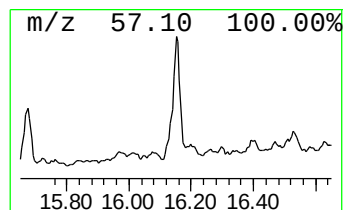
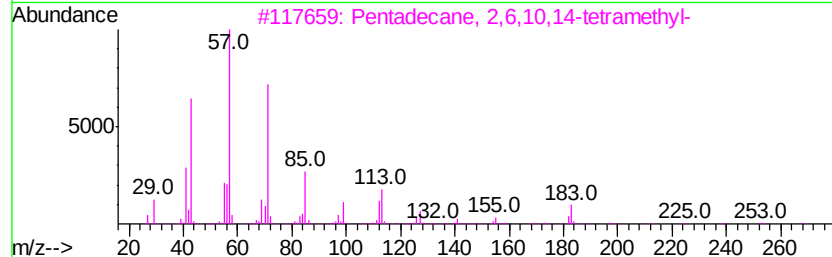
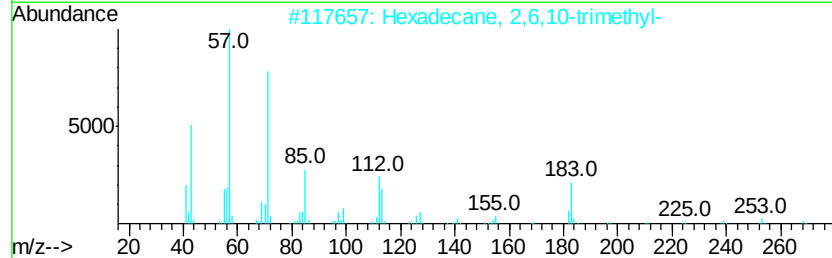
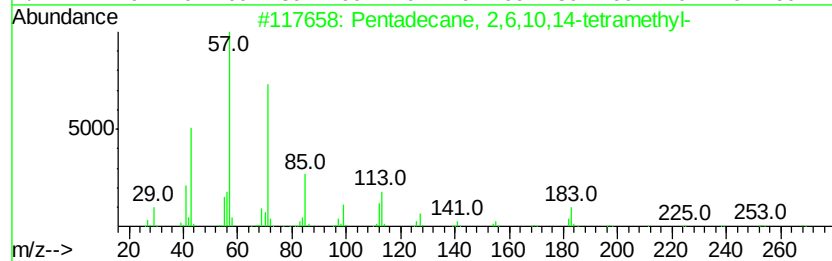
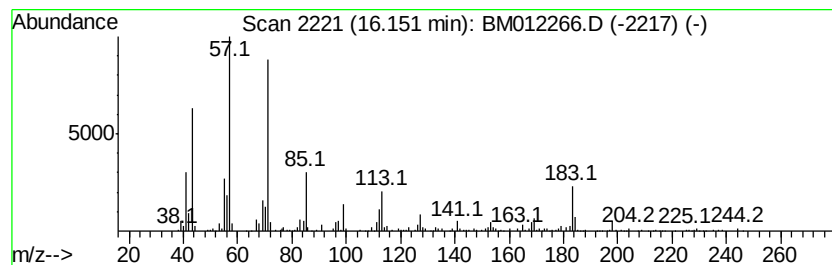
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.98 ng/ul	412641	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	87
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	70
5		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64



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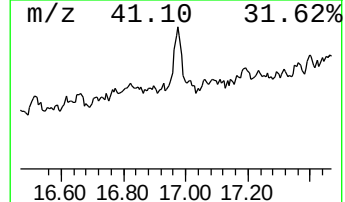
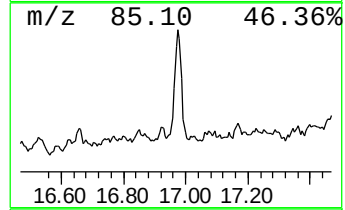
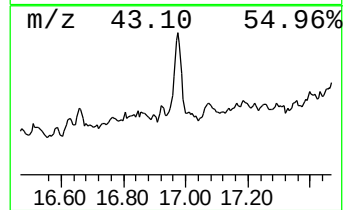
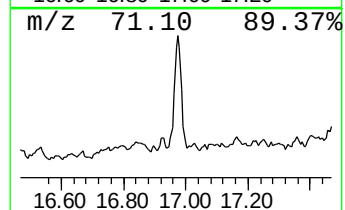
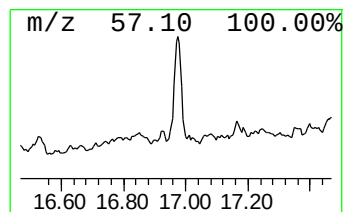
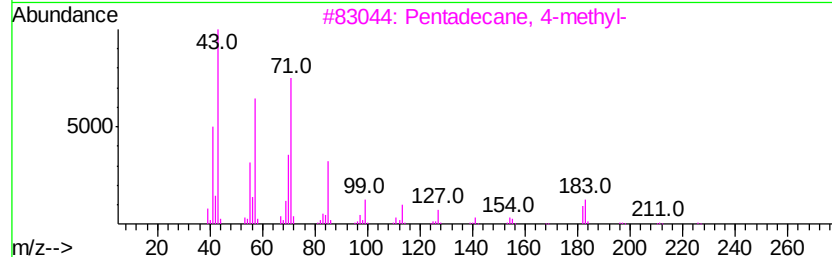
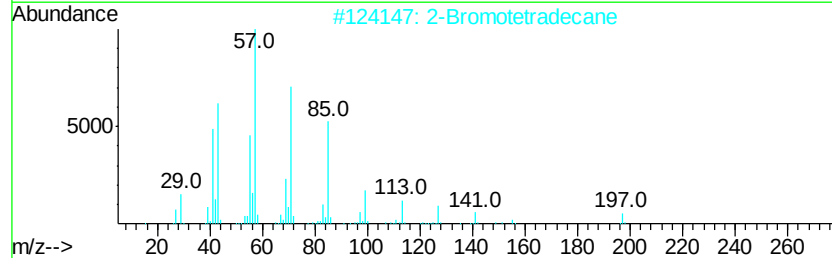
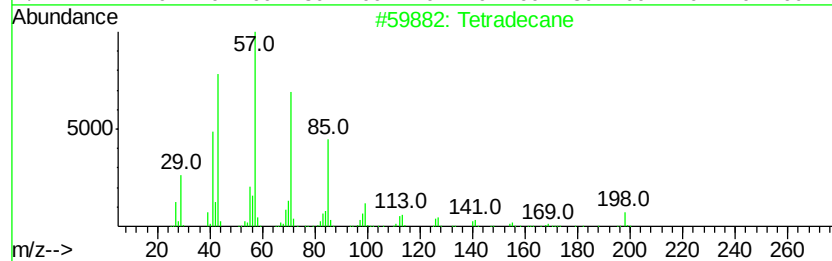
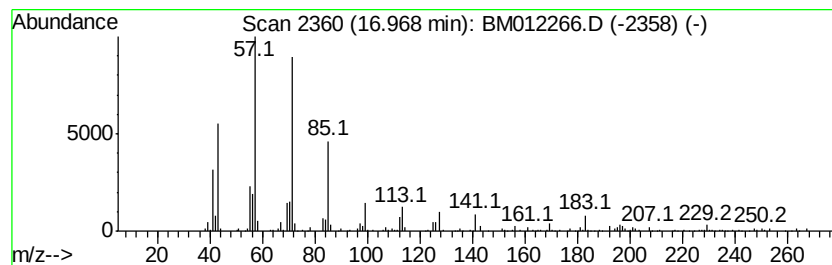
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.97	2.59 ng/ul	358523	Phenanthrene-d10		17.19
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	81
4	Hexadecane	226	C16H34	000544-76-3	80
5	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	74



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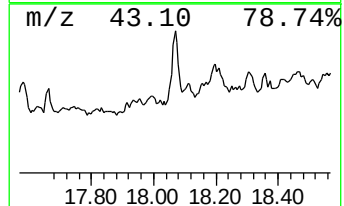
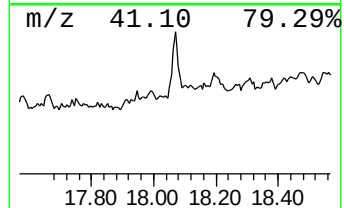
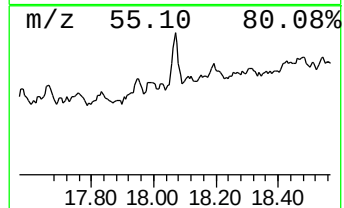
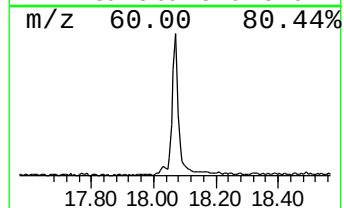
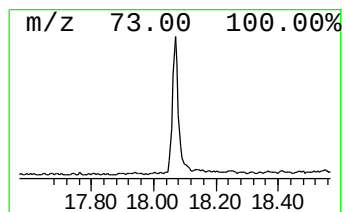
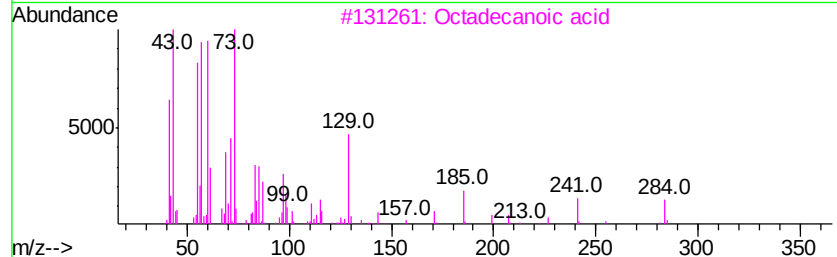
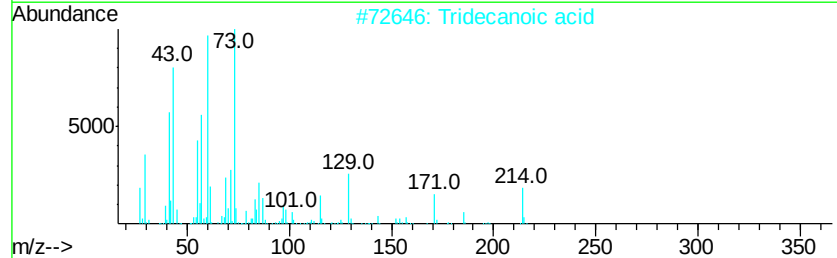
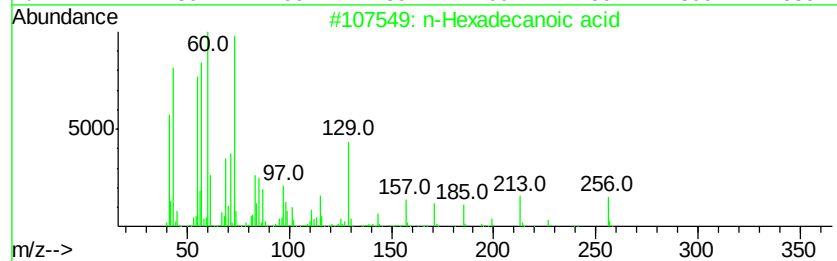
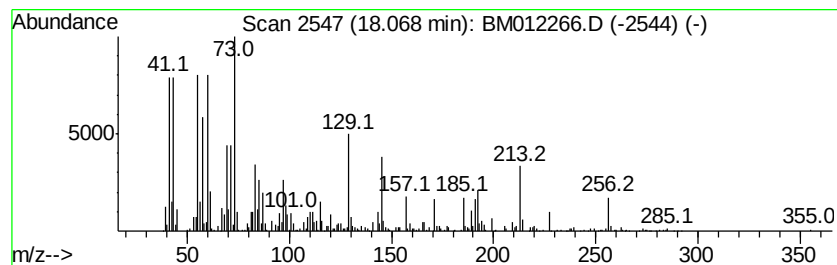
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.50 ng/ul	759879	Phenanthrene-d10	17.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Octadecanoic acid	284	C18H36O2	000057-11-4	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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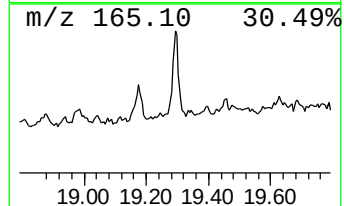
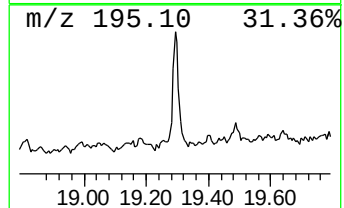
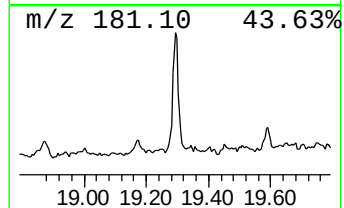
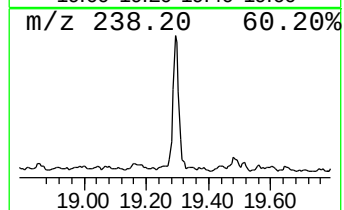
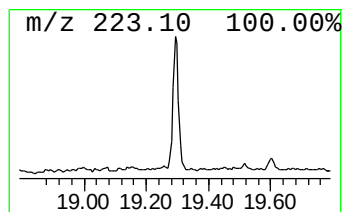
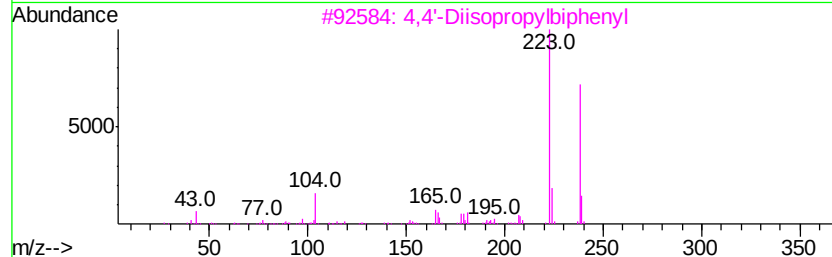
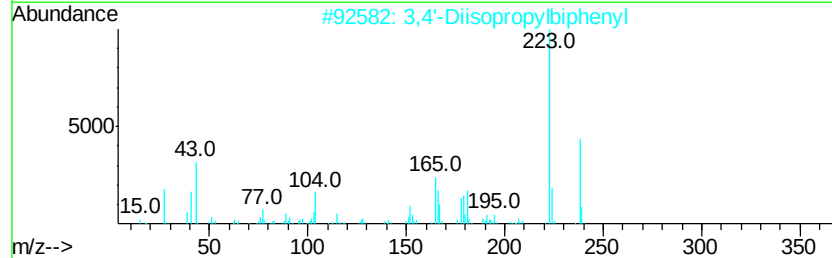
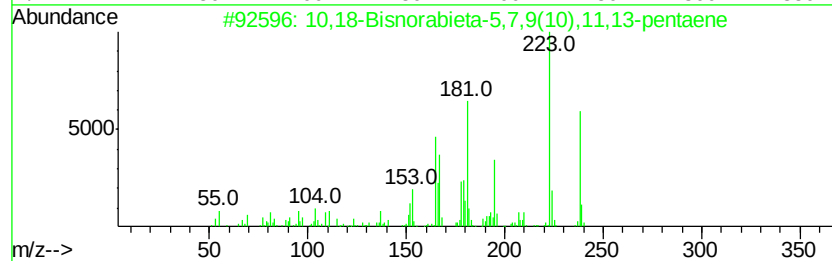
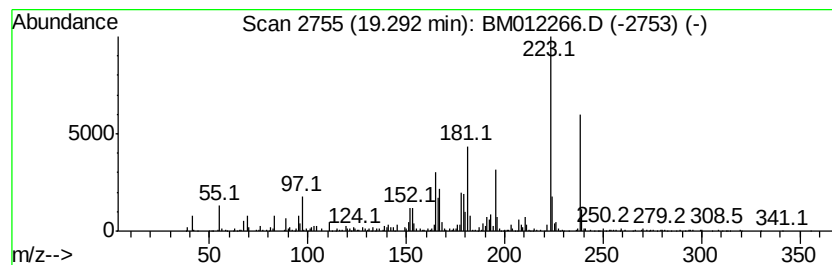
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	3.58 ng/ul	668386	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	95
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	89
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
4		Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	55
5		3,3'-Diacetylphenyl	238	C16H14O2	094113-07-2	45



Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012266.D
Acq On : 18 Oct 2017 01:47
Operator : SJ/JU
Sample : I5664-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B62

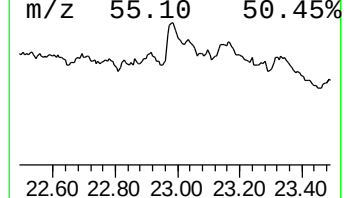
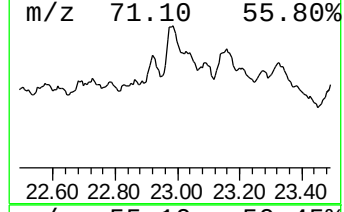
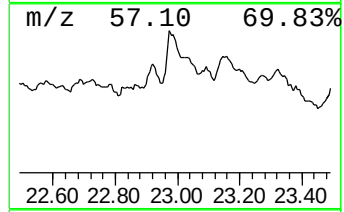
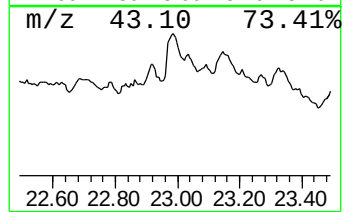
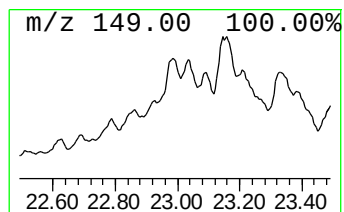
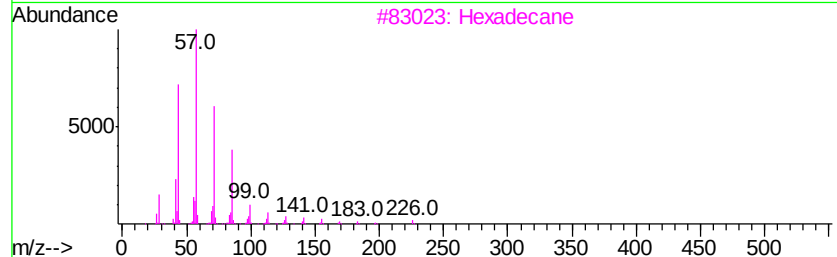
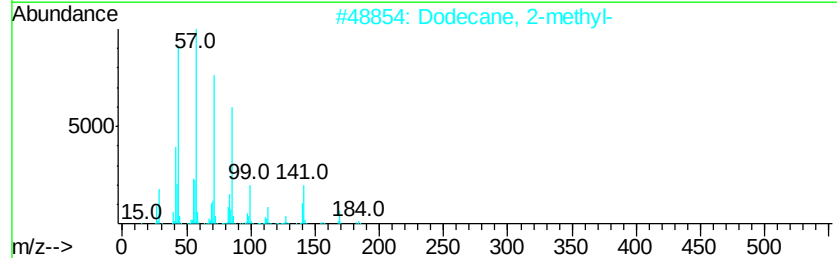
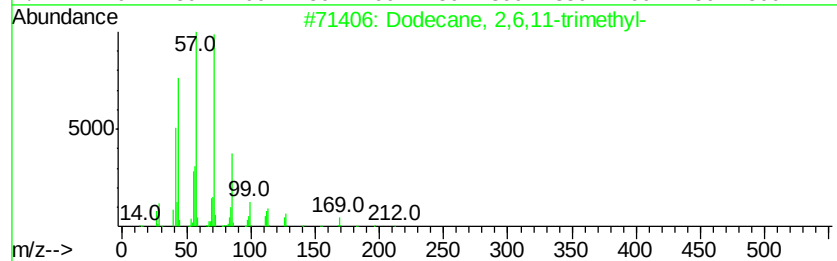
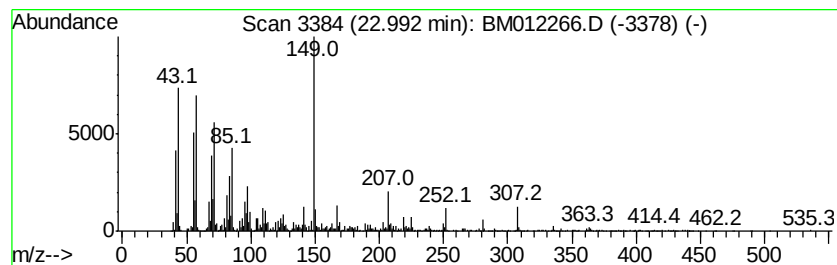
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	20.00 ng/ul	3566700	Perylene-d12	23.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	38
3		Hexadecane	226	C16H34	000544-76-3	38
4		Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	38
5		Nonadecane	268	C19H40	000629-92-5	30



Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012266.D
Acq On : 18 Oct 2017 01:47
Operator : SJ/JU
Sample : I5664-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

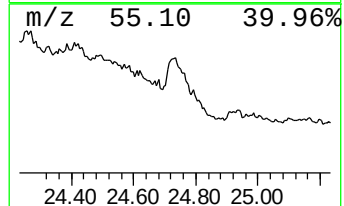
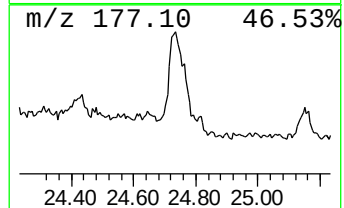
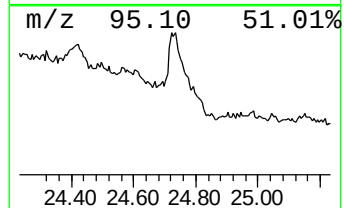
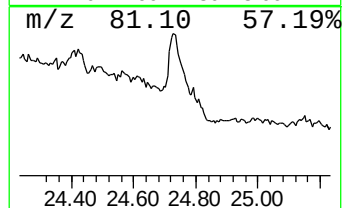
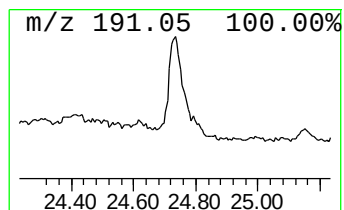
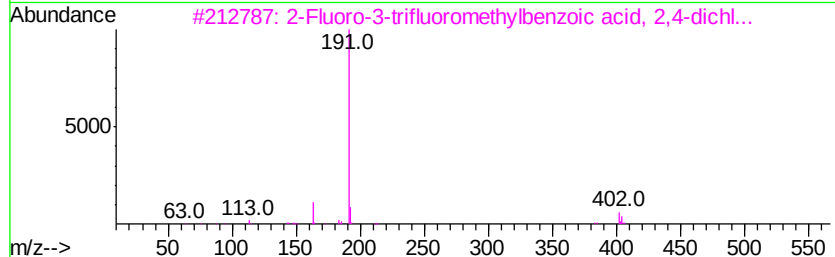
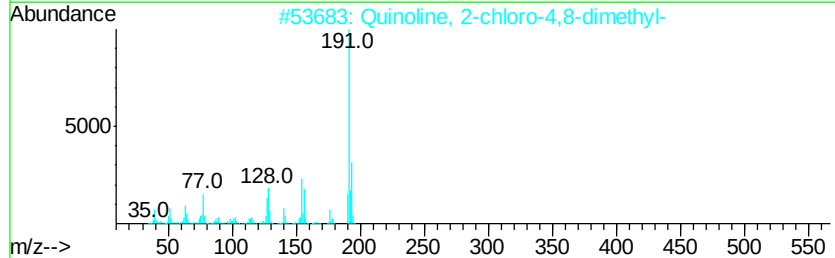
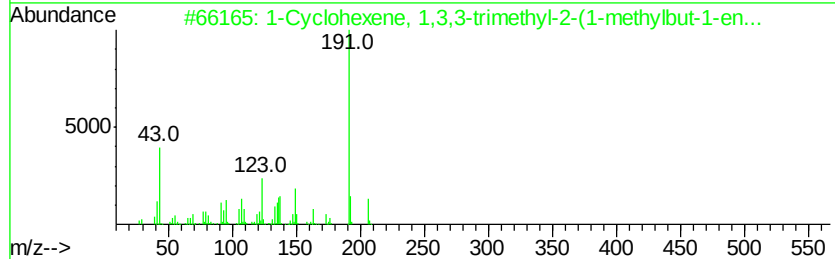
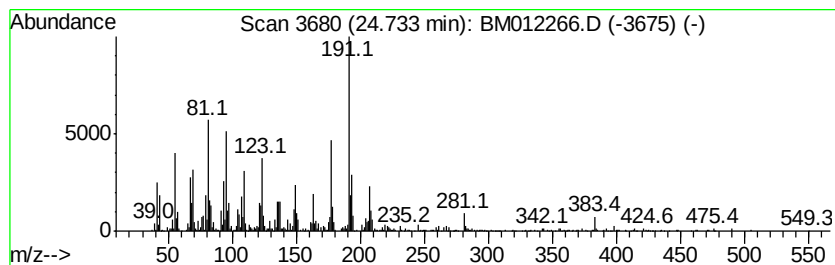
Instrument :
BNA_M
ClientSampleId :
C0B62

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	13.56 ng/ul	2419100	Perylene-d12	23.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4 35
2	Quinoline, 2-chloro-4,8-dimethyl-	191	C11H10ClN	1000337-72-5 30
3	2-Fluoro-3-trifluoromethylbenzoi...	402	C18H8Cl2F4O2	1000331-62-8 27
4	1,1-Diphenyl-2-propynyl dimethyl...	279	C18H17NO2	010473-88-8 27
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5 27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101717\
Data File : BM012266.D
Acq On : 18 Oct 2017 01:47
Operator : SJ/JU
Sample : I5664-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B62

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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
unknown-01	10.14	3.6	ng/ul	275331	2	10.59	1514670	20.0
(DEL) Alkane: Str...	15.67	2.1	ng/ul	214939	3	14.44	2006910	20.0
(DEL) Alkane: Str...	16.15	3.0	ng/ul	412641	4	17.19	2765690	20.0
(DEL) Alkane: Str...	16.97	2.6	ng/ul	358523	4	17.19	2765690	20.0
n-Hexadecanoic acid	18.07	5.5	ng/ul	759879	4	17.19	2765690	20.0
10,18-Bisnorabiet...	19.29	3.6	ng/ul	668386	5	21.37	3738270	20.0
(DEL) Alkane: Str...	22.99	20.0	ng/ul	3566700	6	23.68	3566700	20.0
unknown-02	24.73	13.6	ng/ul	2419100	6	23.68	3566700	20.0