

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013969.D
 Acq On : 29 Jan 2018 21:53
 Operator : SJ/JU
 Sample : J1295-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B99

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-BM011018.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	3.128	21	24	33	rVB2	31504	48914	1.40%	0.139%
2	6.757	635	641	659	rBV	484349	960311	27.51%	2.730%
3	6.916	662	668	681	rVV	388030	610518	17.49%	1.735%
4	7.104	694	700	715	rBV	576445	958851	27.47%	2.726%
5	7.569	773	779	790	rBV	386430	644993	18.48%	1.833%
6	8.287	893	901	917	rBV	606572	1146844	32.85%	3.260%
7	8.728	969	976	986	rBV	553683	955731	27.38%	2.717%
8	8.857	993	998	1004	rBV4	18479	36941	1.06%	0.105%
9	9.122	1035	1043	1049	rVB4	23356	38123	1.09%	0.108%
10	9.445	1090	1098	1112	rBV	475367	891899	25.55%	2.535%
11	9.975	1182	1188	1203	rBV	603966	1199101	34.35%	3.409%
12	10.339	1244	1250	1260	rBV	495352	854134	24.47%	2.428%
13	10.498	1269	1277	1294	rBV	502590	1093370	31.32%	3.108%
14	13.645	1804	1812	1816	rBV	1251680	1789304	51.25%	5.086%
15	13.692	1816	1820	1837	rVB	309164	528530	15.14%	1.502%
16	13.916	1851	1858	1869	rBV	1397088	2130325	61.02%	6.056%
17	14.127	1886	1894	1903	rBV2	44357	71980	2.06%	0.205%
18	14.221	1903	1910	1919	rBV2	748787	1143429	32.75%	3.250%
19	14.468	1944	1952	1966	rBV2	298095	747236	21.40%	2.124%
20	15.033	2043	2048	2053	rBV2	28859	38320	1.10%	0.109%
21	15.086	2053	2057	2063	rVV2	62510	75407	2.16%	0.214%
22	15.221	2074	2080	2089	rBV	1711754	2548041	72.99%	7.243%
23	15.368	2100	2105	2116	rBV	468965	770868	22.08%	2.191%
24	15.468	2118	2122	2131	rVB9	29890	69901	2.00%	0.199%
25	15.951	2197	2204	2211	rBV2	55161	89901	2.58%	0.256%
26	16.745	2332	2339	2344	rBV4	32854	56167	1.61%	0.160%
27	16.980	2372	2379	2385	rBV	1020362	1423623	40.78%	4.047%
28	17.080	2388	2396	2408	rVV	1812820	2790832	79.94%	7.933%
29	17.480	2460	2464	2470	rBV4	27115	41467	1.19%	0.118%
30	17.762	2505	2512	2515	rBV7	26302	44965	1.29%	0.128%
31	17.886	2527	2533	2539	rBV2	202219	332994	9.54%	0.947%
32	19.027	2723	2727	2729	rBV3	35914	54388	1.56%	0.155%
33	19.174	2747	2752	2764	rBV8	66148	122715	3.52%	0.349%
34	19.380	2781	2787	2795	rBV	2324799	3318052	95.04%	9.432%

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013969.D
Acq On : 29 Jan 2018 21:53
Operator : SJ/JU
Sample : J1295-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B99

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-BM011018.M
Title : SVOA CALIBRATION

35	20.903	3041	3046	3056	rBV3	191568	378033	10.83%	1.075%
36	21.180	3088	3093	3102	rBV	1259610	1765974	50.59%	5.020%
37	22.333	3285	3289	3295	rVB	219250	293243	8.40%	0.834%
38	23.227	3434	3441	3452	rVB	1872989	3491088	100.00%	9.924%
39	23.362	3459	3464	3475	rVB	863126	1622050	46.46%	4.611%

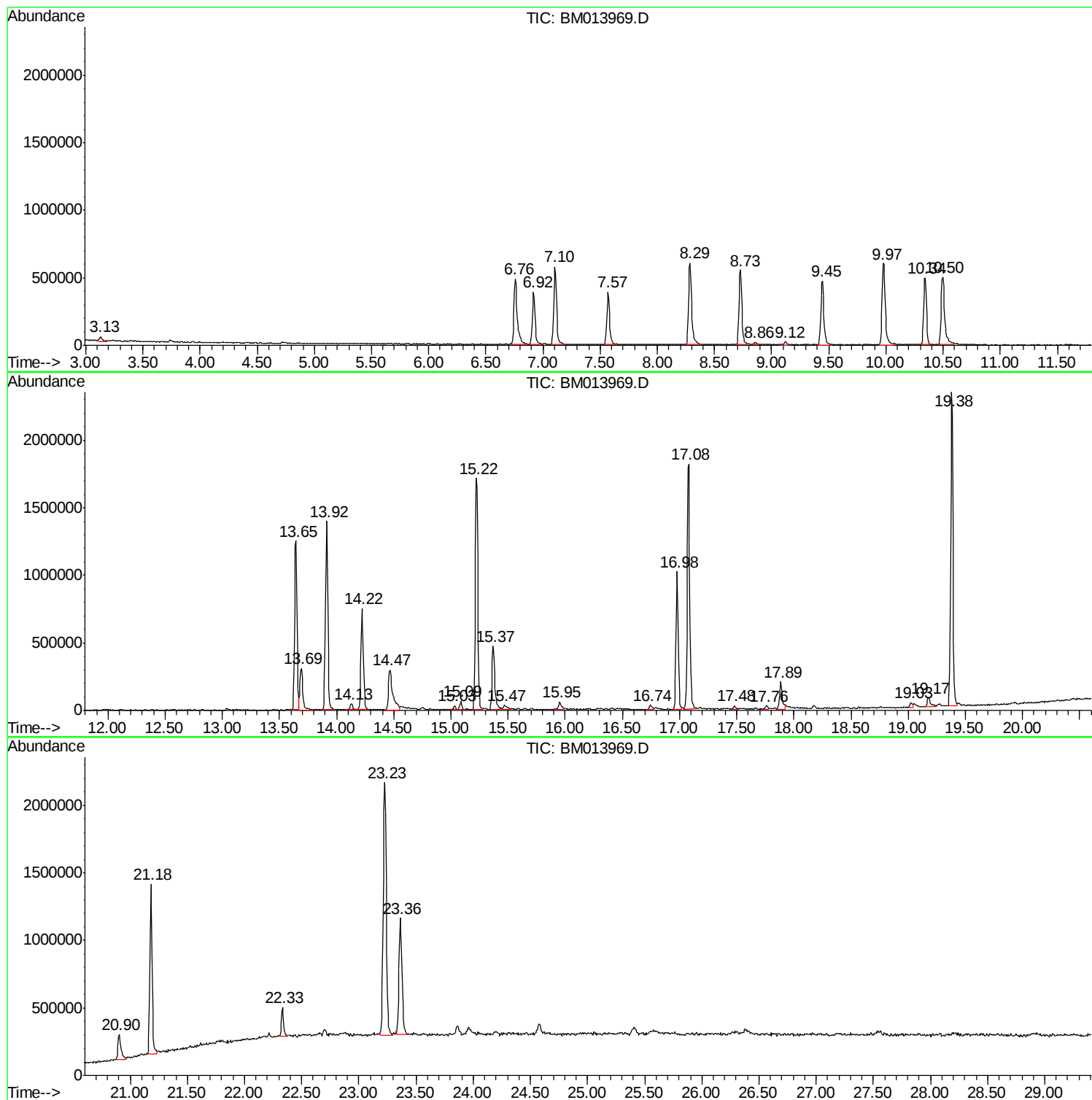
Sum of corrected areas: 35178563

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013969.D
Acq On : 29 Jan 2018 21:53
Operator : SJ/JU
Sample : J1295-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B99

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013969.D
Acq On : 29 Jan 2018 21:53
Operator : SJ/JU
Sample : J1295-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

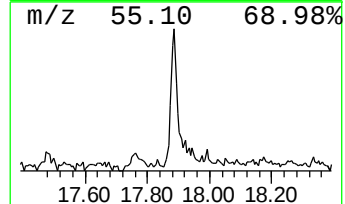
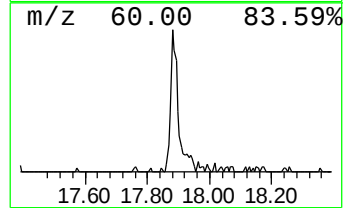
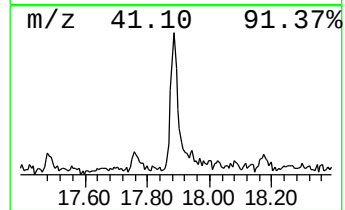
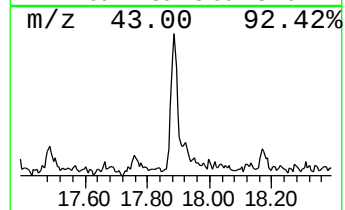
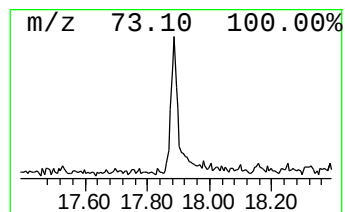
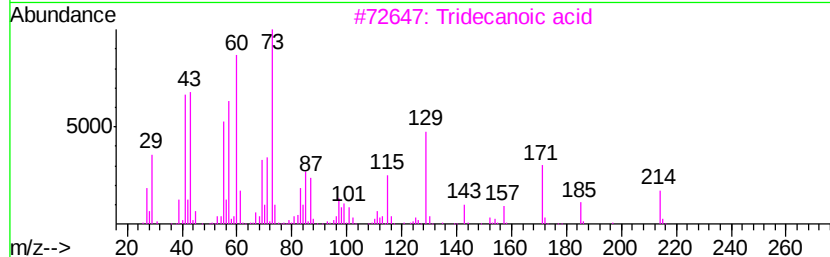
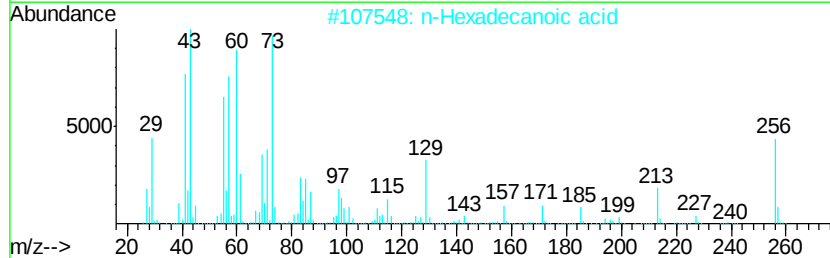
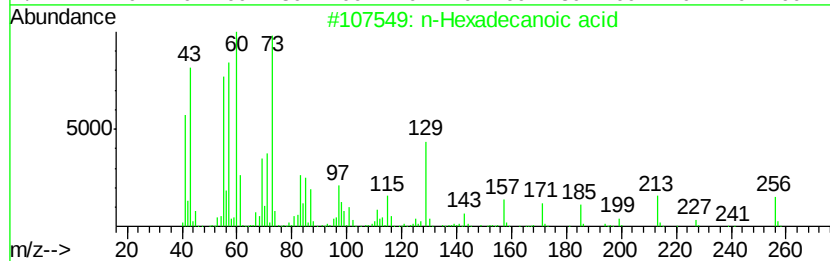
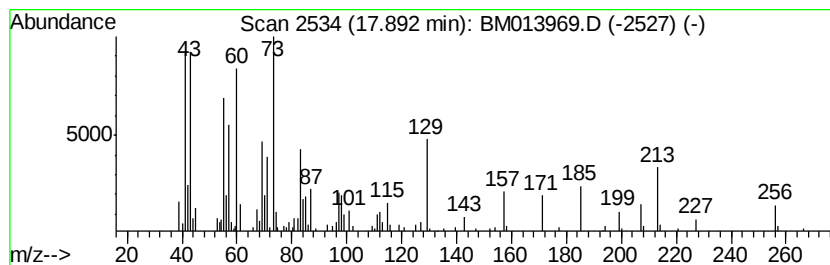
Instrument :
BNA_M
ClientSampleId :
F6B99

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.89	4.68 ng/ul	332994	Phenanthrene-d10		16.98		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	47
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	46



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013969.D
Acq On : 29 Jan 2018 21:53
Operator : SJ/JU
Sample : J1295-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B99

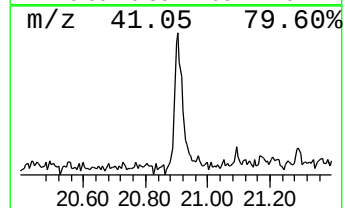
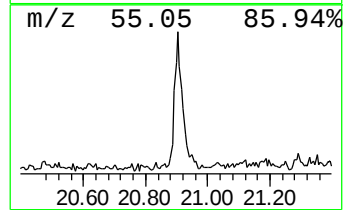
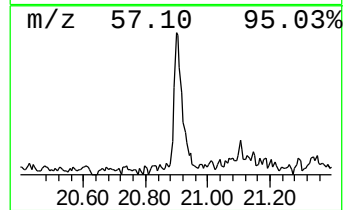
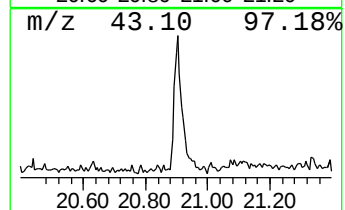
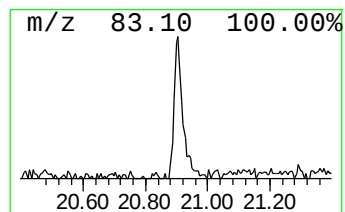
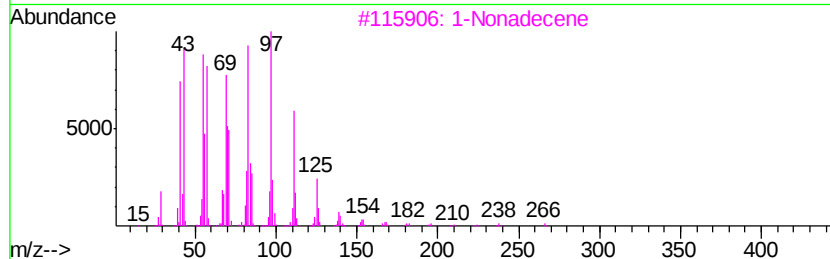
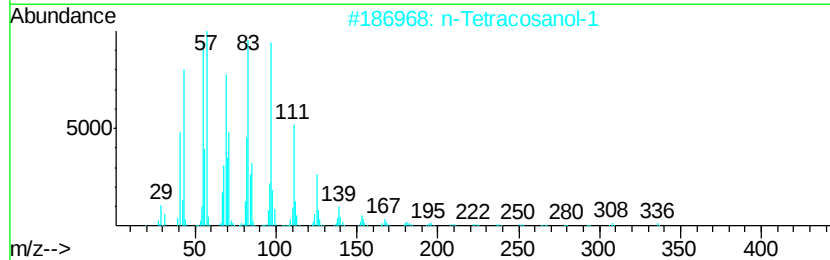
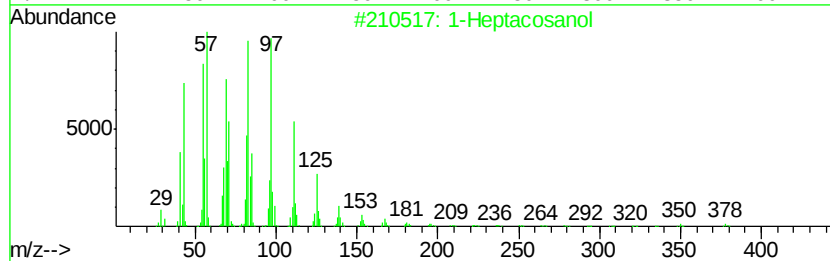
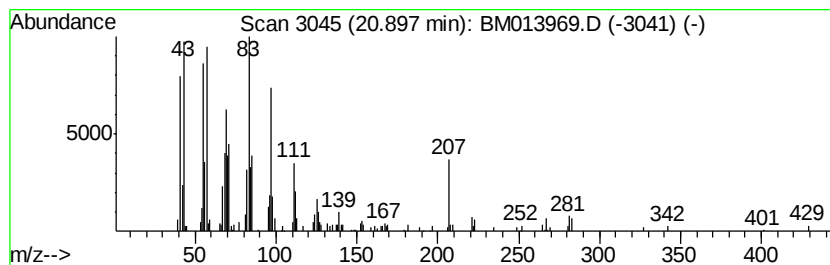
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.28 ng/ul	378033	Chrysene-d12	21.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol		396	C27H56O	002004-39-9	93
2	n-Tetracosanol-1		354	C24H50O	000506-51-4	93
3	1-Nonadecene		266	C19H38	018435-45-5	90
4	Octacosanol		410	C28H58O	000557-61-9	89
5	Nonadecyl trifluoroacetate		380	C21H39F3O2	1000351-76-3	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013969.D
Acq On : 29 Jan 2018 21:53
Operator : SJ/JU
Sample : J1295-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B99

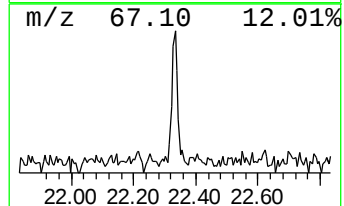
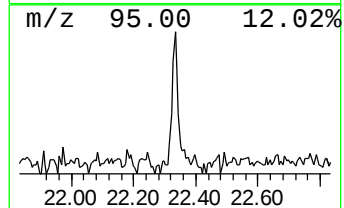
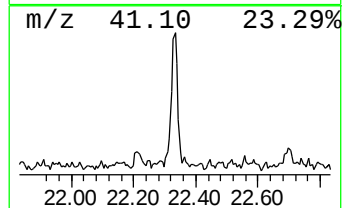
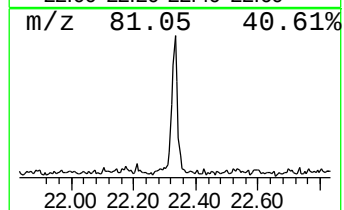
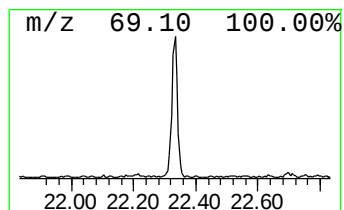
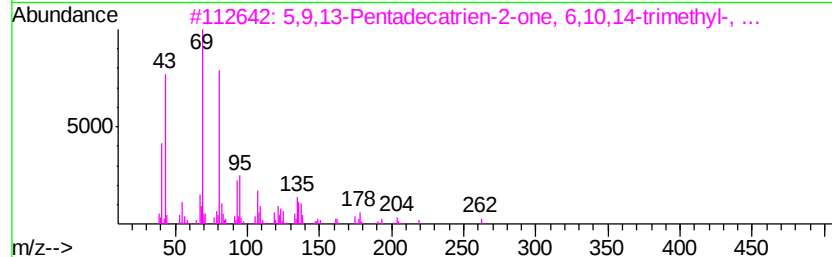
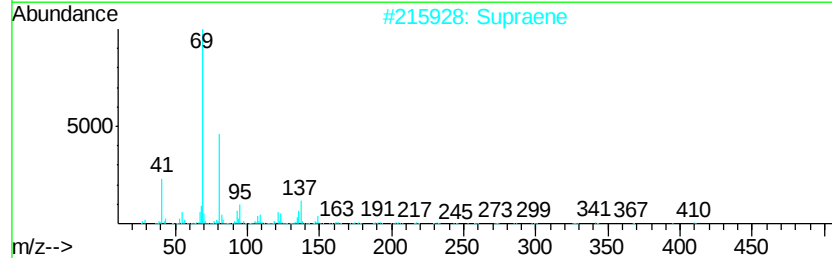
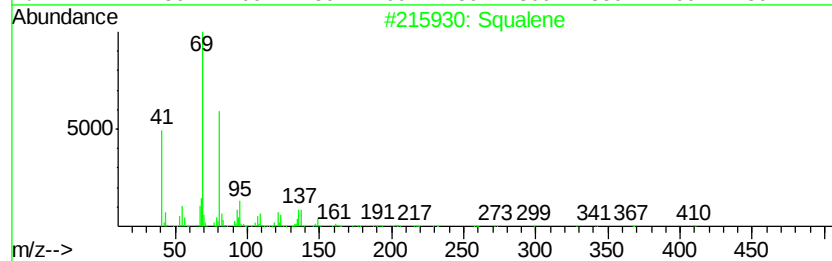
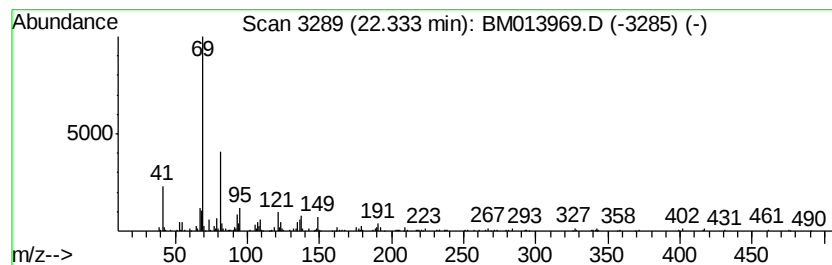
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	3.62 ng/ul	293243	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	83
2		Supraene	410	C30H50	007683-64-9	83
3		5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	59
4		2,6-Octadiene, 2,7-dimethyl-	138	C10H18	016736-42-8	59
5		1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012918\
Data File : BM013969.D
Acq On : 29 Jan 2018 21:53
Operator : SJ/JU
Sample : J1295-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B99

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
n-Hexadecanoic acid	17.89	4.7	ng/ul	332994	4	16.98	1423620	20.0
1-Heptacosanol	20.90	4.3	ng/ul	378033	5	21.18	1765970	20.0
Squalene	22.33	3.6	ng/ul	293243	6	23.36	1622050	20.0