

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
 Data File : BM009062.D
 Acq On : 01 Mar 2017 22:01
 Operator : SJ/MA
 Sample : I1988-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DABT2

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\SOM02.2-EPA-BM022317.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	3.357	42	46	50	rBV2	55589	71947	1.14%	0.108%
2	3.628	89	92	104	rVB	56551	95973	1.52%	0.143%
3	4.093	166	171	179	rVB3	46143	70321	1.11%	0.105%
4	7.045	666	673	685	rBV	1028151	1643860	26.03%	2.458%
5	7.228	696	704	710	rBV	753884	1196107	18.94%	1.788%
6	7.422	726	737	747	rVB	972317	1557823	24.66%	2.329%
7	7.892	810	817	825	rBV	794775	1262177	19.98%	1.887%
8	8.592	928	936	944	rBV	1055930	1730834	27.40%	2.588%
9	9.057	1008	1015	1024	rBV	977847	1604239	25.40%	2.398%
10	9.781	1129	1138	1150	rBV	774468	1288919	20.41%	1.927%
11	10.310	1218	1228	1236	rBV	1132264	1908424	30.21%	2.853%
12	10.698	1286	1294	1302	rBV	961844	1648258	26.10%	2.464%
13	10.833	1310	1317	1325	rBV	952335	1582120	25.05%	2.365%
14	13.939	1837	1845	1849	rBV	1994359	2718328	43.04%	4.064%
15	13.986	1849	1853	1860	rVB	1249955	1703846	26.98%	2.547%
16	14.227	1888	1894	1903	rBV	2113588	3129694	49.55%	4.679%
17	14.539	1939	1947	1956	rBV2	1326461	2059926	32.61%	3.080%
18	14.721	1972	1978	1987	rBV	1087589	1529821	24.22%	2.287%
19	15.527	2107	2115	2126	rBV	2960297	4160799	65.87%	6.221%
20	15.639	2129	2134	2144	rVB	951948	1308941	20.72%	1.957%
21	15.768	2150	2156	2159	rBV2	46606	75918	1.20%	0.114%
22	16.221	2229	2233	2240	rBV2	52691	91040	1.44%	0.136%
23	16.662	2303	2308	2316	rVB2	143709	197253	3.12%	0.295%
24	17.015	2363	2368	2373	rBV2	87353	118705	1.88%	0.177%
25	17.280	2407	2413	2421	rBV2	1739412	2561028	40.55%	3.829%
26	17.380	2423	2430	2436	rVV	3484518	4811027	76.17%	7.193%
27	17.427	2436	2438	2445	rVB3	99494	130012	2.06%	0.194%
28	17.751	2489	2493	2500	rVB	62921	80834	1.28%	0.121%
29	18.027	2533	2540	2550	rBV2	461133	718021	11.37%	1.074%
30	18.156	2556	2562	2572	rBV	1143988	1533487	24.28%	2.293%
31	18.445	2607	2611	2617	rBV5	53416	87371	1.38%	0.131%
32	18.509	2617	2622	2629	rVV8	40586	104657	1.66%	0.156%
33	18.580	2630	2634	2639	rVB2	123216	152352	2.41%	0.228%
34	18.698	2650	2654	2661	rBV10	49122	73642	1.17%	0.110%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
Data File : BM009062.D
Acq On : 01 Mar 2017 22:01
Operator : SJ/MA
Sample : I1988-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABT2

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\SOM02.2-EPA-BM022317.M
Title : SVOA CALIBRATION

35	19.303	2750	2757	2767	rBV4	275603	532650	8.43%	0.796%
36	19.427	2774	2778	2791	rVB2	296151	429475	6.80%	0.642%
37	19.668	2813	2819	2830	rBV	4568740	6128737	97.03%	9.163%
38	21.139	3065	3069	3077	rBV	469331	631597	10.00%	0.944%
39	21.450	3117	3122	3128	rBV	2674506	3355298	53.12%	5.016%
40	22.515	3299	3303	3311	rVB5	215519	344199	5.45%	0.515%
41	22.644	3321	3325	3331	rVB	2258722	2968419	47.00%	4.438%
42	23.650	3488	3496	3506	rBV2	3082286	6316322	100.00%	9.443%
43	23.797	3515	3521	3530	rVB	1624609	3171270	50.21%	4.741%

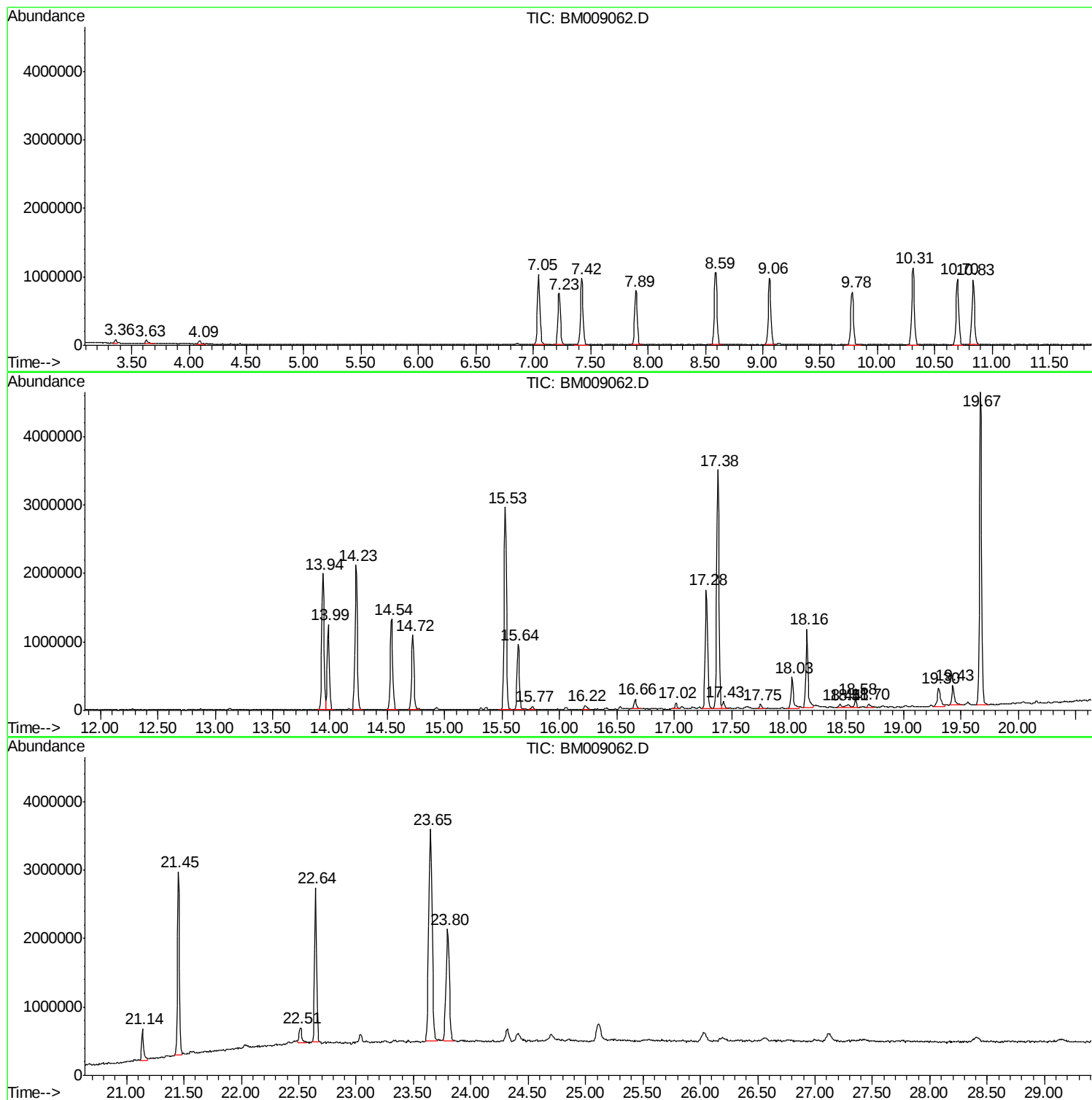
Sum of corrected areas: 66885671

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
Data File : BM009062.D
Acq On : 01 Mar 2017 22:01
Operator : SJ/MA
Sample : I1988-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DABT2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
Data File : BM009062.D
Acq On : 01 Mar 2017 22:01
Operator : SJ/MA
Sample : I1988-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

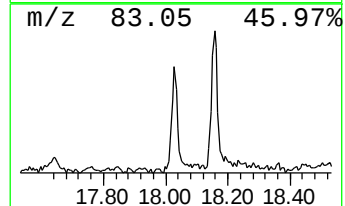
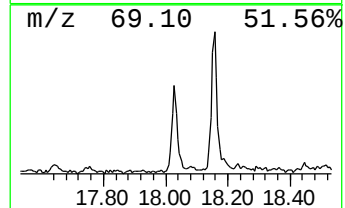
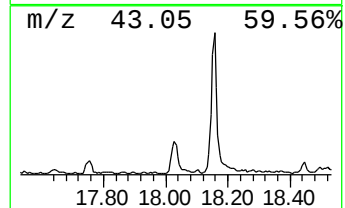
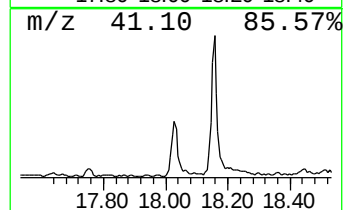
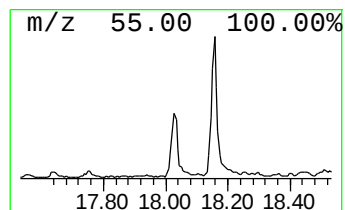
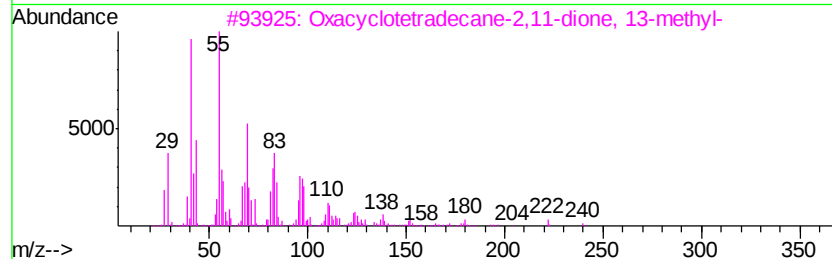
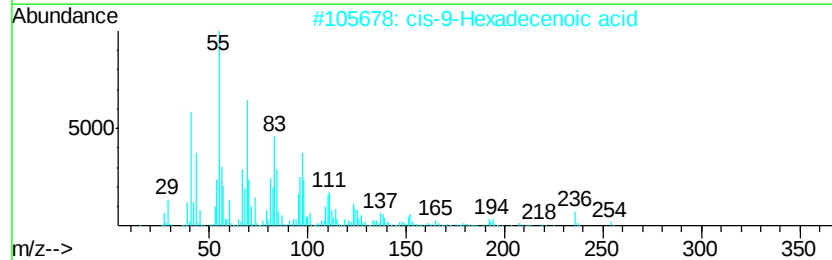
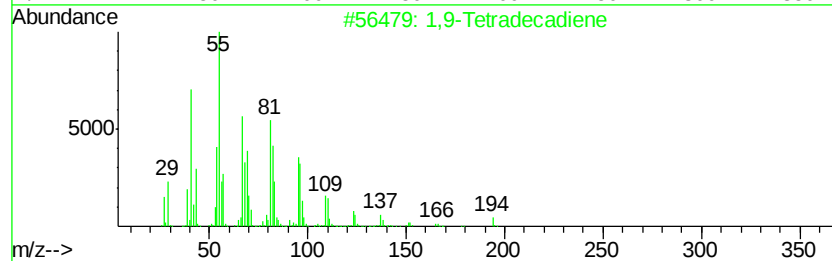
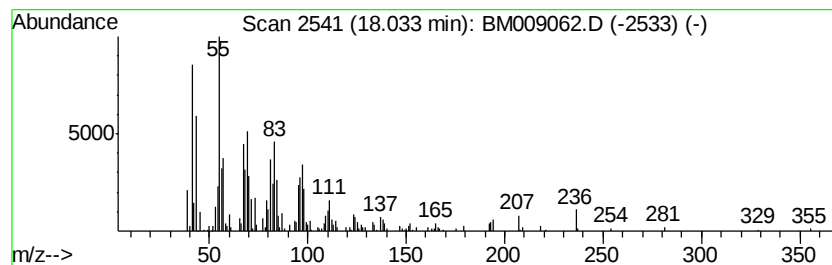
Instrument :
BNA_M
ClientSampleId :
DABT2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,9-Tetradecadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.03	5.61 ng/ul	718021	Phenanthrene-d10	17.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,9-Tetradecadiene	194	C14H26	112929-06-3	89
2		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	81
3		Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	62
4		Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	53
5		Palmitoleic acid	254	C16H30O2	000373-49-9	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
Data File : BM009062.D
Acq On : 01 Mar 2017 22:01
Operator : SJ/MA
Sample : I1988-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABT2

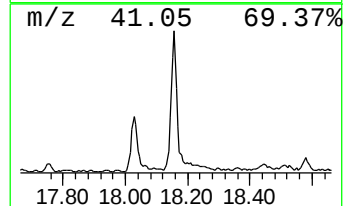
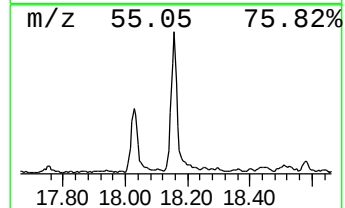
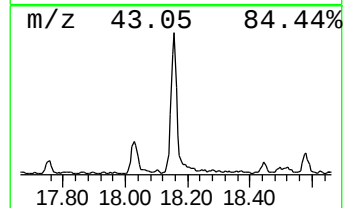
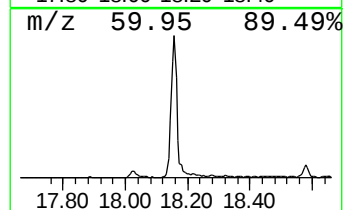
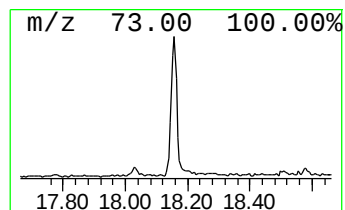
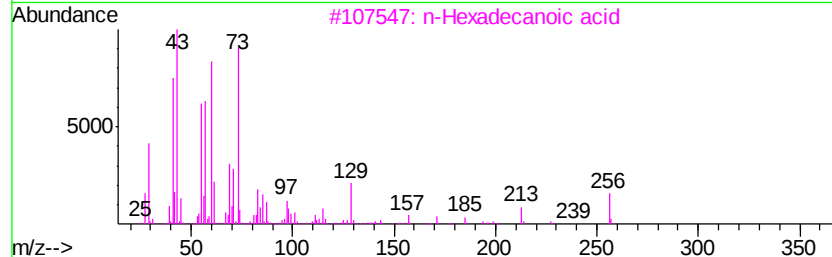
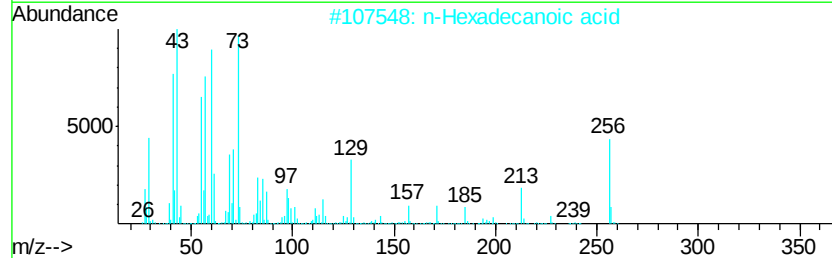
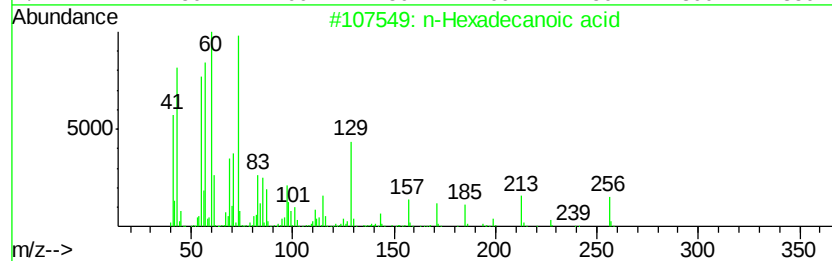
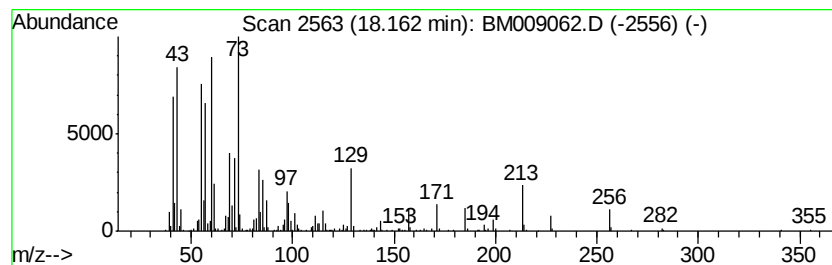
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	11.98 ng/ul	1533490	Phenanthrene-d10	17.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4		Tridecanoic acid	214	C13H26O2	000638-53-9	87
5		Tridecanoic acid	214	C13H26O2	000638-53-9	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
Data File : BM009062.D
Acq On : 01 Mar 2017 22:01
Operator : SJ/MA
Sample : I1988-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

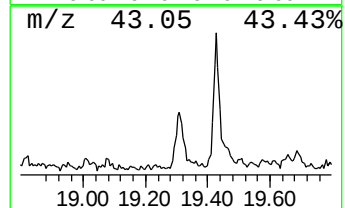
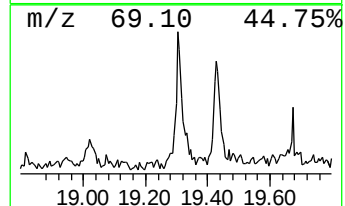
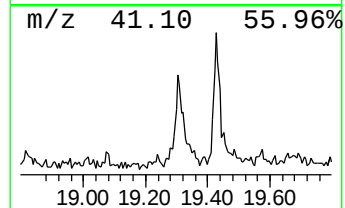
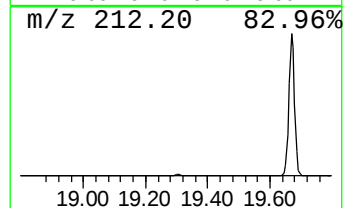
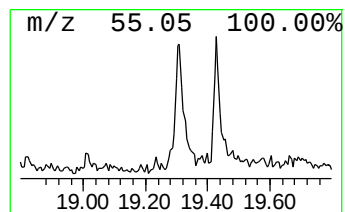
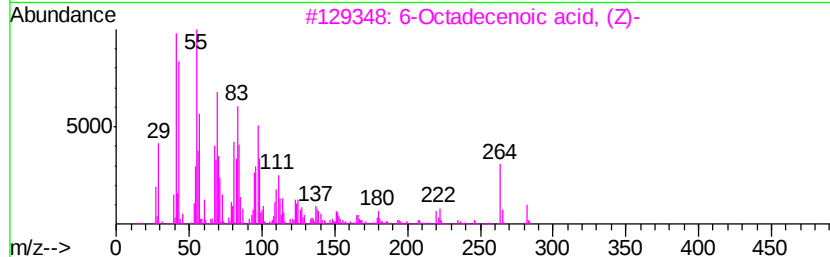
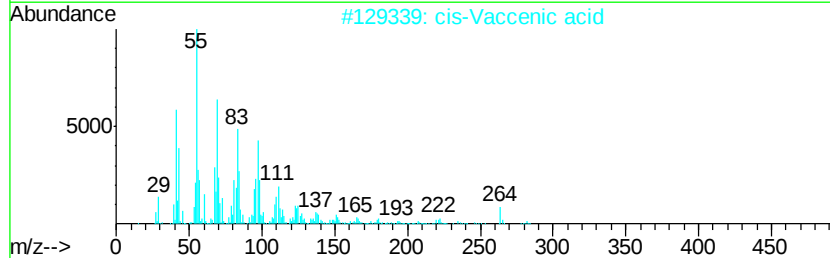
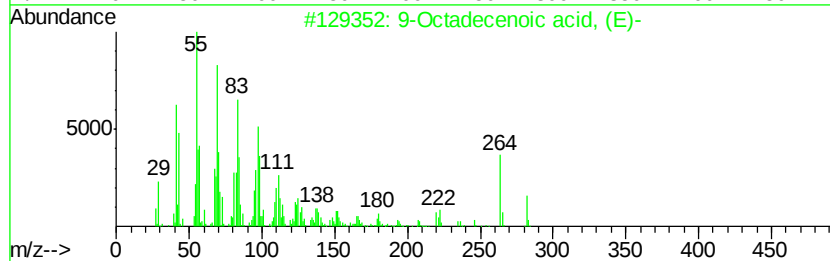
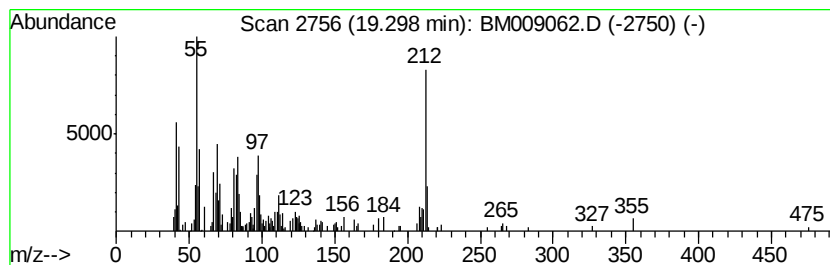
Instrument :
BNA_M
ClientSampleId :
DABT2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 9-Octadecenoic acid, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.30	4.16 ng/ul	532650	Phenanthrene-d10	17.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	96	
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	96	
3	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	95	
4	Oleic Acid	282	C18H34O2	000112-80-1	95	
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
Data File : BM009062.D
Acq On : 01 Mar 2017 22:01
Operator : SJ/MA
Sample : I1988-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABT2

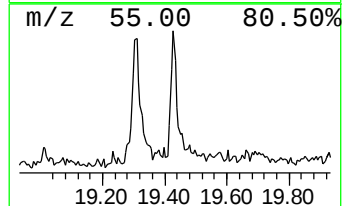
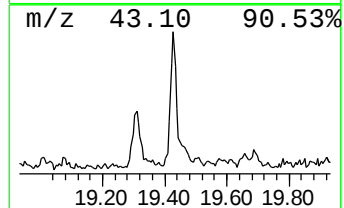
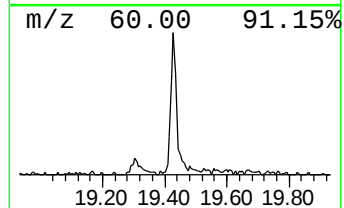
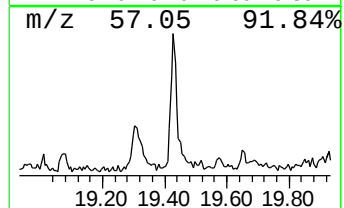
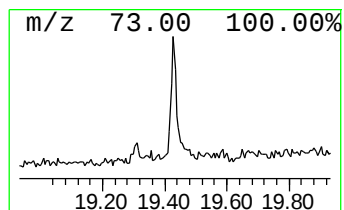
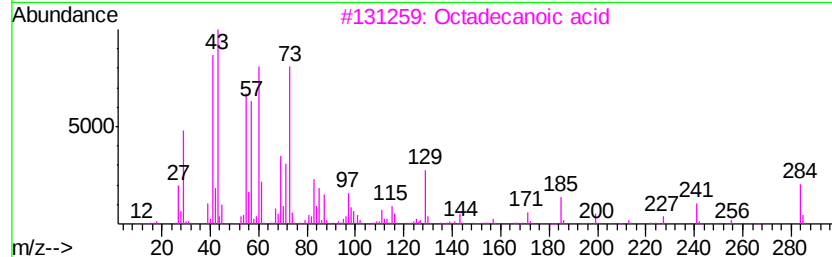
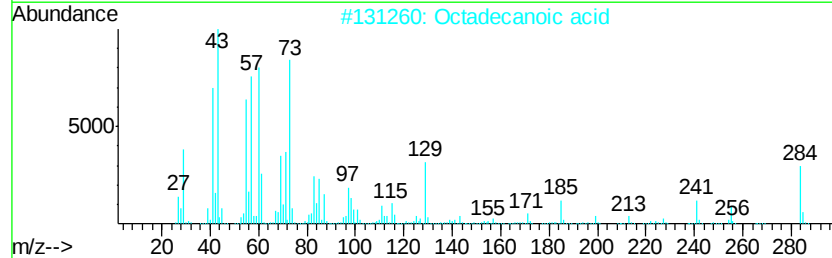
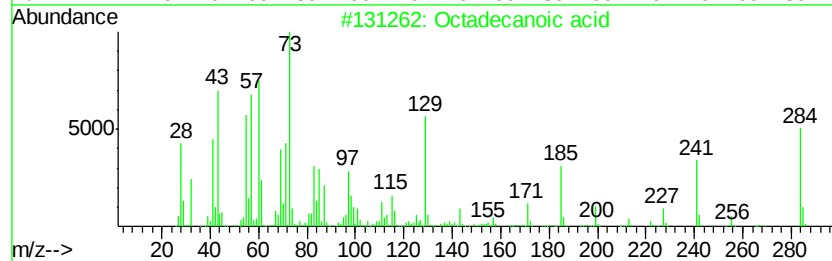
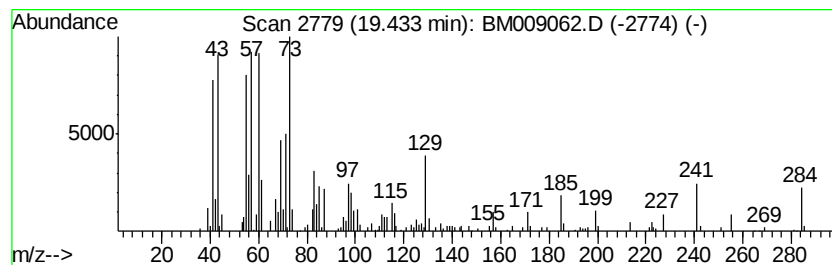
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	2.56 ng/ul	429475	Chrysene-d12	21.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
Data File : BM009062.D
Acq On : 01 Mar 2017 22:01
Operator : SJ/MA
Sample : I1988-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABT2

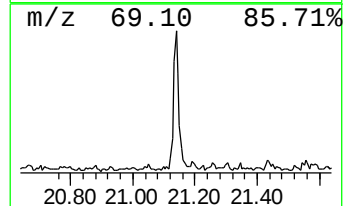
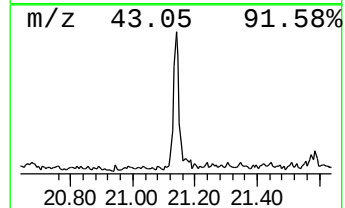
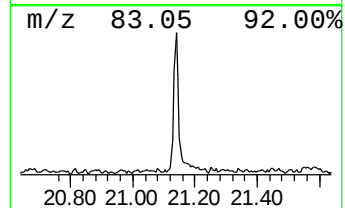
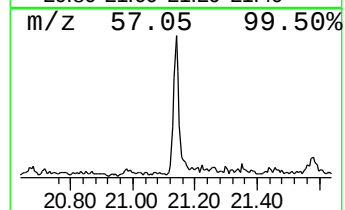
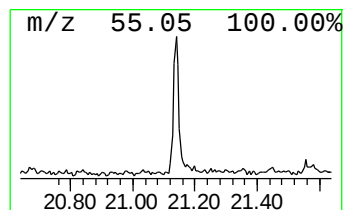
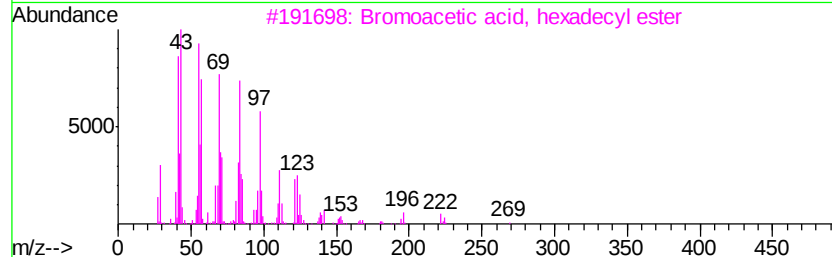
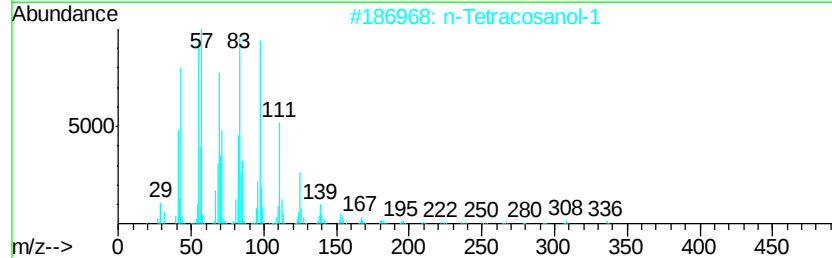
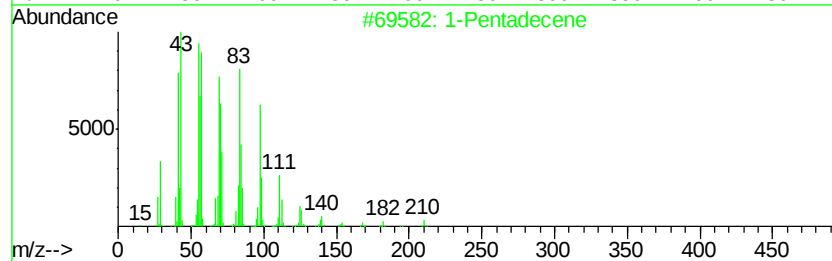
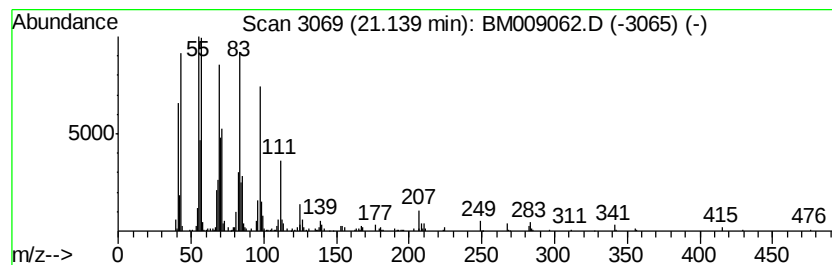
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.14 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	3.76 ng/ul	631597	Chrysene-d12	21.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentadecene	210	C15H30	013360-61-7	93
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
Data File : BM009062.D
Acq On : 01 Mar 2017 22:01
Operator : SJ/MA
Sample : I1988-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABT2

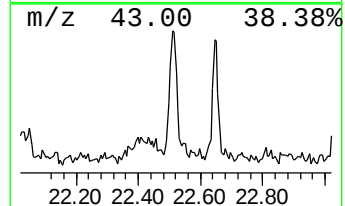
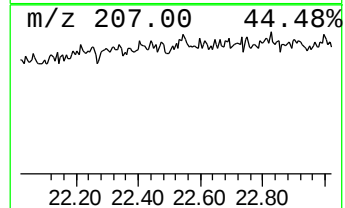
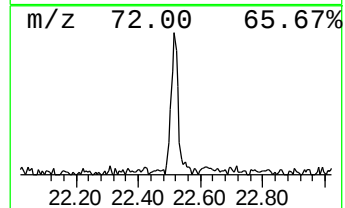
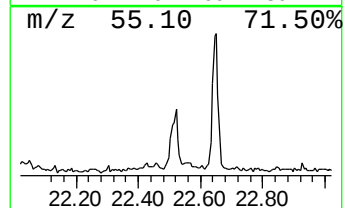
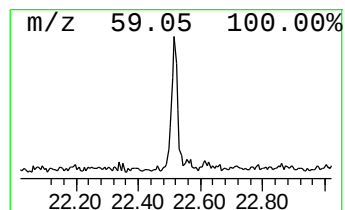
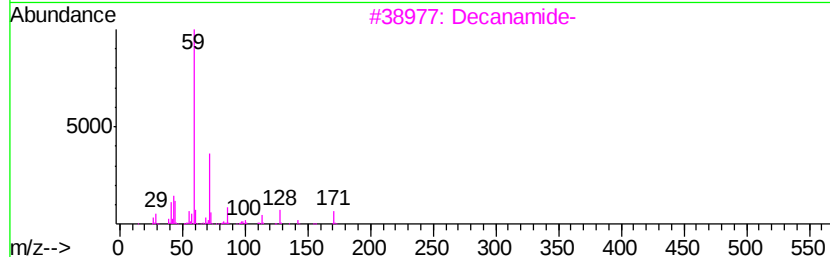
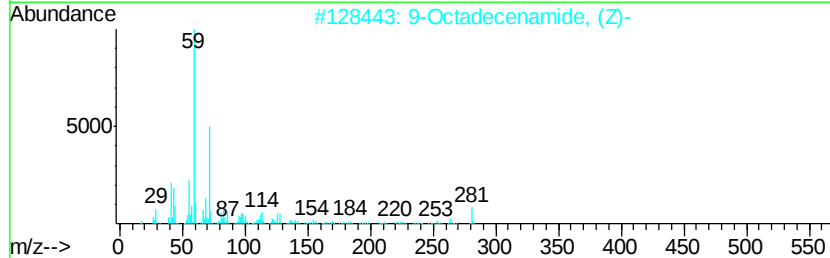
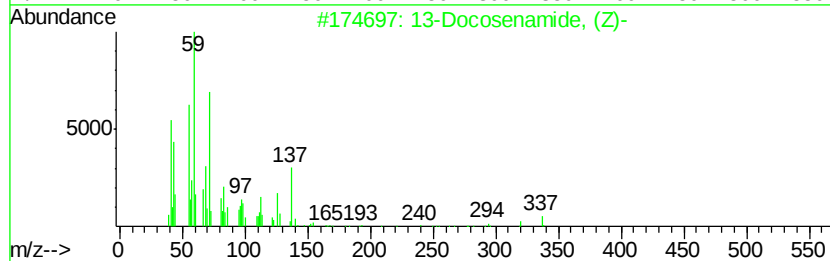
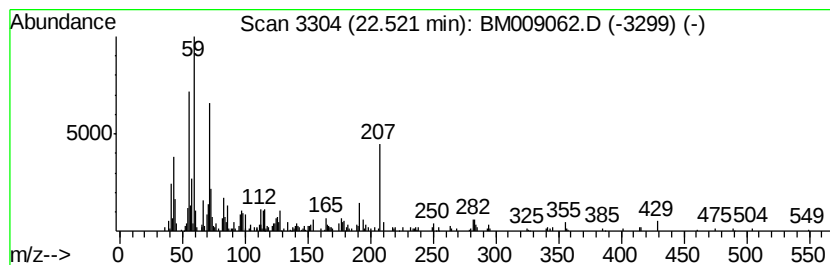
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 13-Docosenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	2.05 ng/ul	344199	Chrysene-d12	21.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
3		Decanamide-	171	C10H21NO	002319-29-1	53
4		Behenic amide	339	C22H45NO	003061-75-4	53
5		Dodecanamide	199	C12H25NO	001120-16-7	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
Data File : BM009062.D
Acq On : 01 Mar 2017 22:01
Operator : SJ/MA
Sample : I1988-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABT2

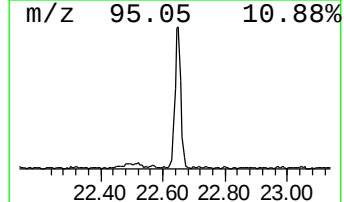
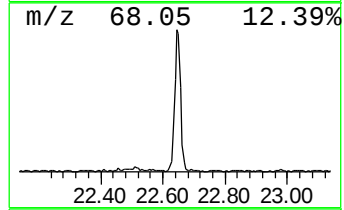
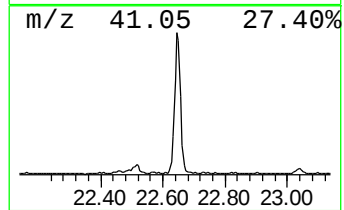
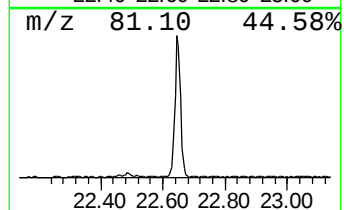
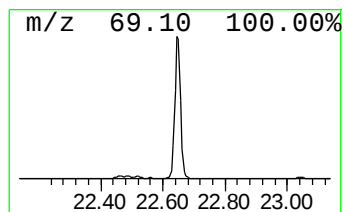
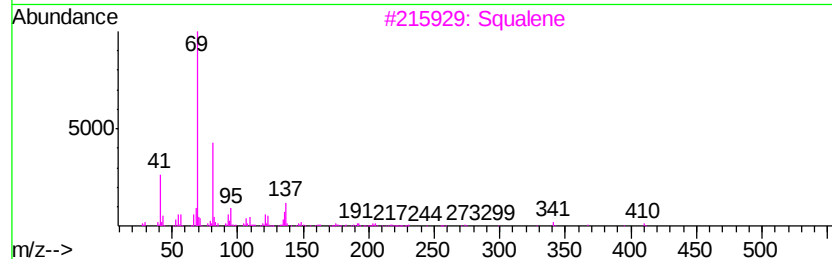
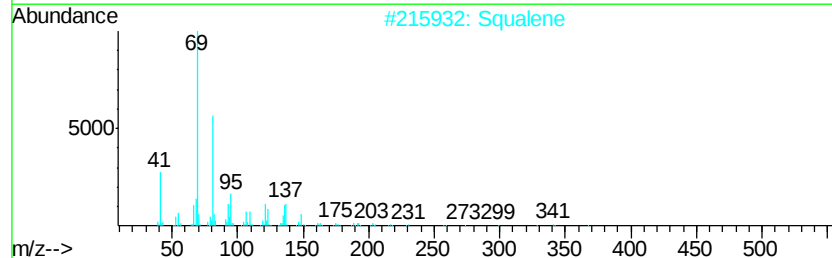
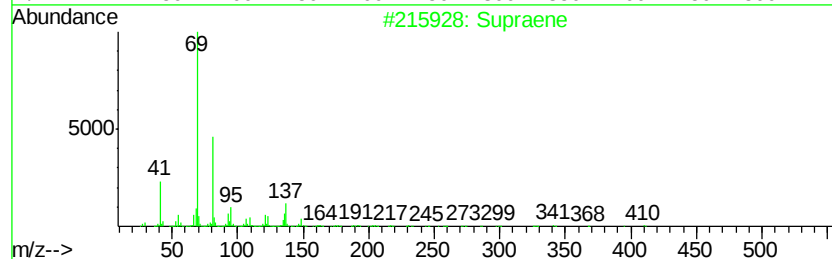
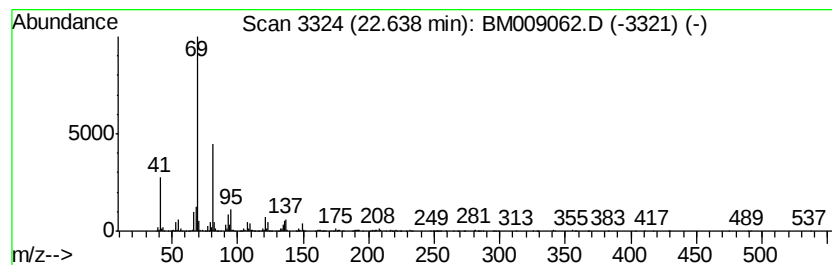
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	18.72 ng/ul	2968420	Perylene-d12	23.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	90
2		Squalene	410	C30H50	000111-02-4	90
3		Squalene	410	C30H50	000111-02-4	78
4		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64
5		3-Cyclohexene-1-carboxaldehyde, ...	192	C13H20O	052475-89-5	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
Data File : BM009062.D
Acq On : 01 Mar 2017 22:01
Operator : SJ/MA
Sample : I1988-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABT2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.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
1,9-Tetradecadiene	18.03	5.6	ng/ul	718021	4	17.28	2561030	20.0
n-Hexadecanoic acid	18.16	12.0	ng/ul	1533490	4	17.28	2561030	20.0
9-Octadecenoic ac...	19.30	4.2	ng/ul	532650	4	17.28	2561030	20.0
Octadecanoic acid	19.43	2.6	ng/ul	429475	5	21.45	3355300	20.0
(DEL) Alkane: Cyc...	21.14	3.8	ng/ul	631597	5	21.45	3355300	20.0
13-Docosenamide, ...	22.52	2.0	ng/ul	344199	5	21.45	3355300	20.0
Supraene	22.64	18.7	ng/ul	2968420	6	23.80	3171270	20.0