

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014951.D
 Acq On : 03 May 2018 20:06
 Operator : SJ/JU
 Sample : J2554-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG6

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-BM041918.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	3.334	4	8	15	rVV	2431389	3078186	47.66%	3.710%
2	3.393	15	18	25	rVB	80956	116052	1.80%	0.140%
3	3.640	55	60	70	rBV	101751	145287	2.25%	0.175%
4	4.228	155	160	168	rBV	119360	164485	2.55%	0.198%
5	5.481	367	373	382	rVB	84507	135485	2.10%	0.163%
6	7.616	729	736	750	rBV	1483851	2552524	39.52%	3.077%
7	7.792	759	766	778	rBV	1272308	2064343	31.96%	2.488%
8	8.010	795	803	813	rBV	1688102	2710887	41.97%	3.268%
9	8.492	878	885	899	rVB	1180456	1953902	30.25%	2.355%
10	9.192	995	1004	1017	rBV	1344641	2286314	35.40%	2.756%
11	9.675	1078	1086	1094	rBV	1507884	2537130	39.28%	3.058%
12	10.404	1201	1210	1222	rBV	1156248	2004905	31.04%	2.417%
13	10.939	1293	1301	1311	rBV	1692641	2916957	45.16%	3.516%
14	11.333	1360	1368	1377	rBV	1502146	2626481	40.67%	3.166%
15	11.457	1382	1389	1407	rBV	1332053	2412831	37.36%	2.908%
16	14.486	1895	1904	1909	rBV	2701400	3821583	59.17%	4.606%
17	14.533	1909	1912	1917	rVB	535236	699363	10.83%	0.843%
18	14.798	1950	1957	1967	rBV	3291635	4798459	74.29%	5.784%
19	14.945	1974	1982	1988	rVB	155879	208708	3.23%	0.252%
20	15.098	2001	2008	2015	rVB2	1924971	2976927	46.09%	3.588%
21	15.257	2028	2035	2049	rBV	900895	1411052	21.85%	1.701%
22	15.886	2137	2142	2147	rVB	203407	252567	3.91%	0.304%
23	16.074	2167	2174	2186	rBV	3909274	5677599	87.91%	6.844%
24	16.174	2186	2191	2202	rBV	1006273	1394325	21.59%	1.681%
25	16.286	2204	2210	2212	rBV	50142	86008	1.33%	0.104%
26	16.427	2229	2234	2238	rBV4	39319	65452	1.01%	0.079%
27	16.733	2282	2286	2295	rBV	162441	264265	4.09%	0.319%
28	17.333	2384	2388	2393	rVB	45643	65322	1.01%	0.079%
29	17.521	2415	2420	2423	rBV	88910	116563	1.80%	0.141%
30	17.809	2463	2469	2474	rBV2	2236940	3202286	49.58%	3.860%
31	17.851	2474	2476	2480	rVV	120688	140606	2.18%	0.169%
32	17.909	2480	2486	2497	rVB	3768111	5496207	85.10%	6.625%
33	18.639	2605	2610	2620	rBV	938912	1336780	20.70%	1.611%
34	19.739	2794	2797	2799	rBV2	63675	74286	1.15%	0.090%

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014951.D
Acq On : 03 May 2018 20:06
Operator : SJ/JU
Sample : J2554-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG6

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-BM041918.M
Title : SVOA CALIBRATION

35	19.815	2807	2810	2816	rVB	261276	340081	5.27%	0.410%
36	19.880	2816	2821	2831	rBV	504860	766830	11.87%	0.924%
37	20.033	2845	2847	2853	rVB2	49165	67831	1.05%	0.082%
38	20.145	2860	2866	2877	rBV	4469128	6419790	99.40%	7.738%
39	21.556	3102	3106	3115	rBV	1110735	1544975	23.92%	1.862%
40	21.897	3159	3164	3169	rBV	2597573	3389893	52.49%	4.086%
41	23.538	3439	3443	3448	rVB	453960	649081	10.05%	0.782%
42	24.215	3552	3558	3574	rVB	3061600	6458776	100.00%	7.785%
43	24.374	3579	3585	3598	rVB	1662013	3530790	54.67%	4.256%

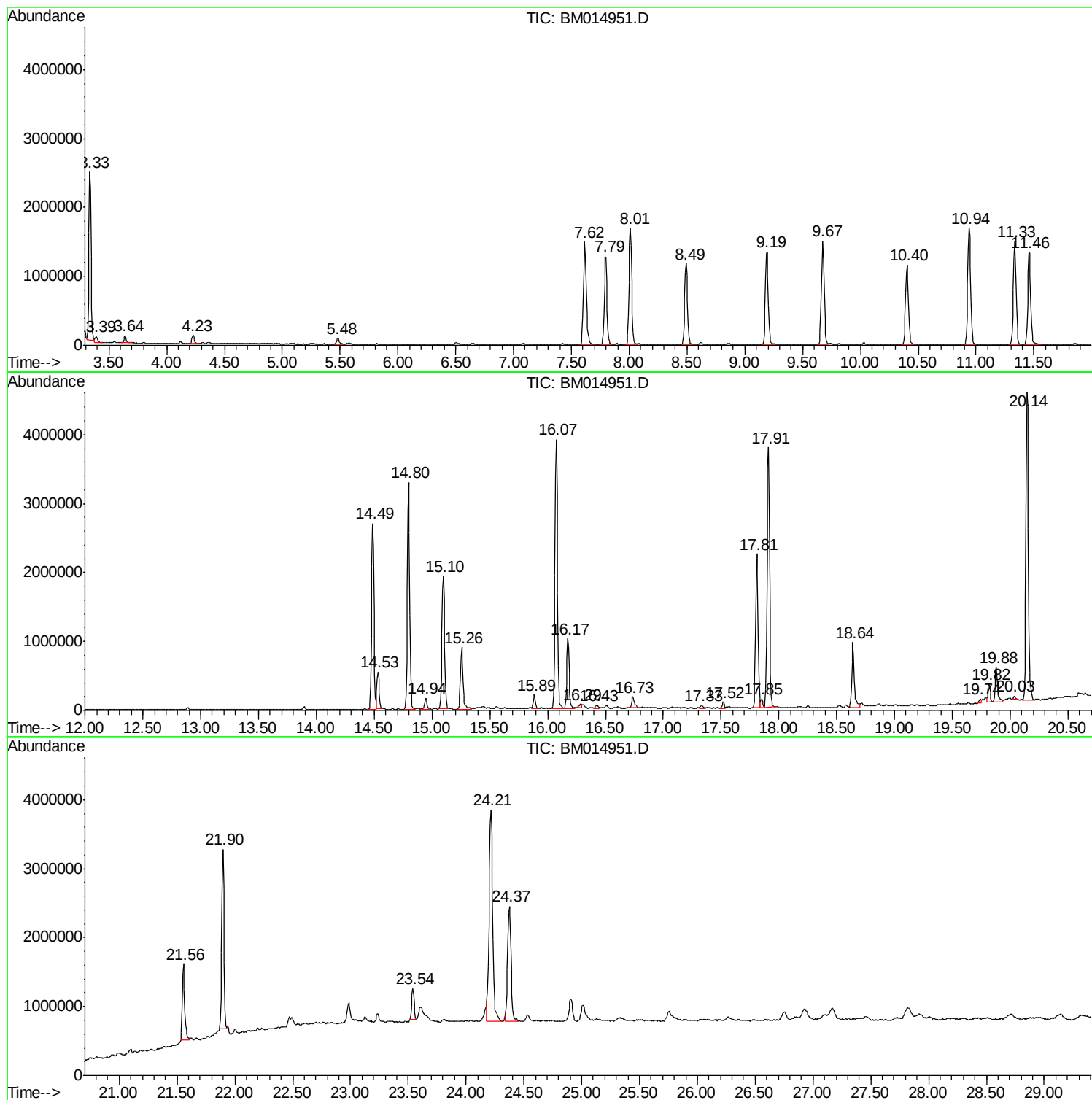
Sum of corrected areas: 82962174

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014951.D
Acq On : 03 May 2018 20:06
Operator : SJ/JU
Sample : J2554-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG6

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014951.D
Acq On : 03 May 2018 20:06
Operator : SJ/JU
Sample : J2554-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG6

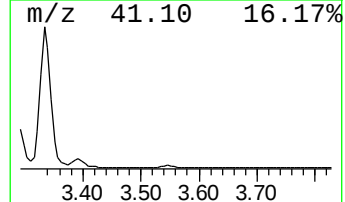
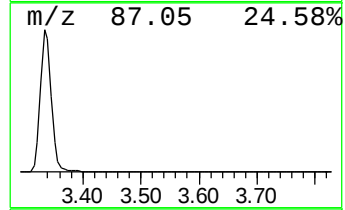
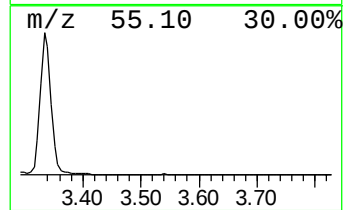
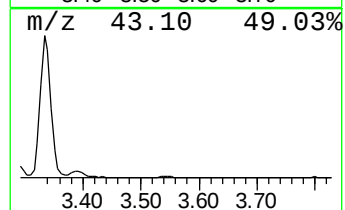
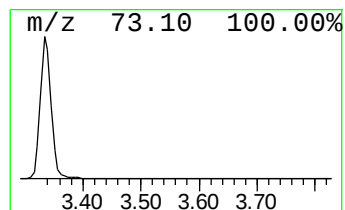
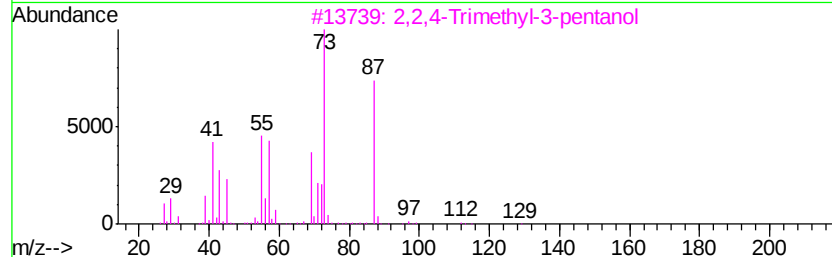
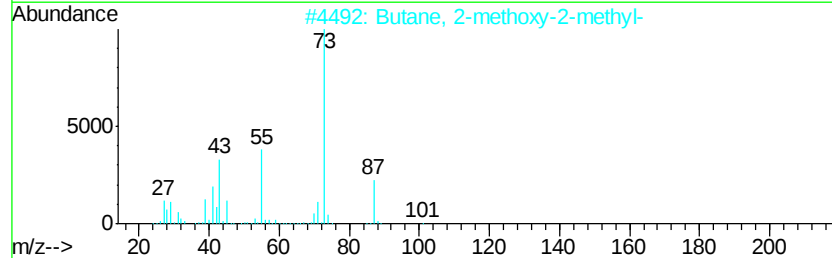
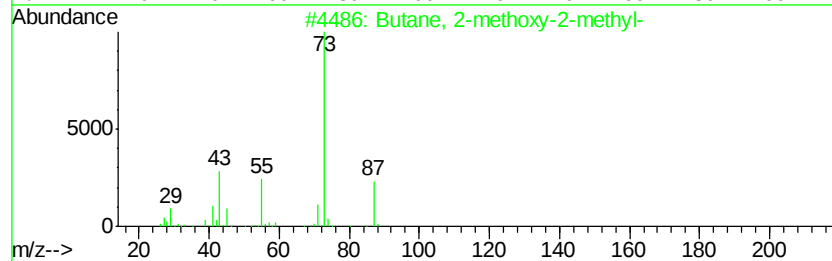
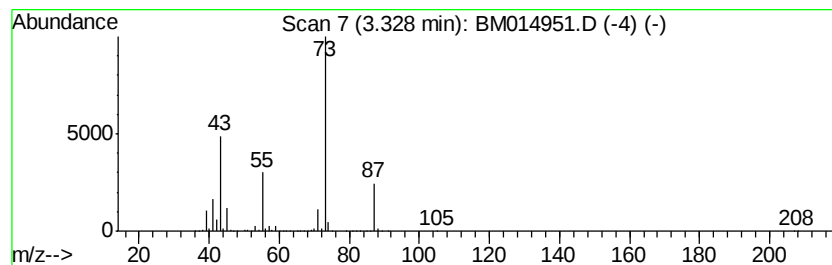
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	31.51 ng/ul	3078190	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	47
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014951.D
Acq On : 03 May 2018 20:06
Operator : SJ/JU
Sample : J2554-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG6

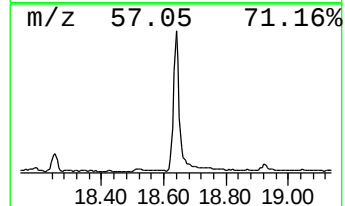
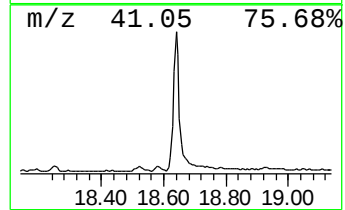
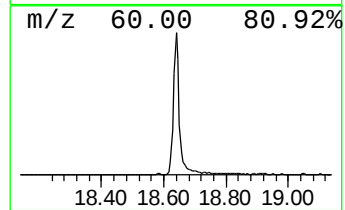
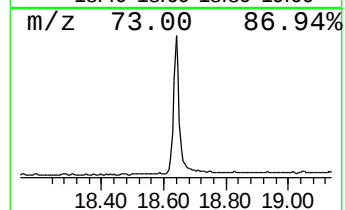
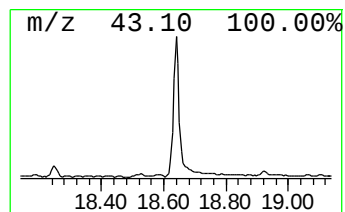
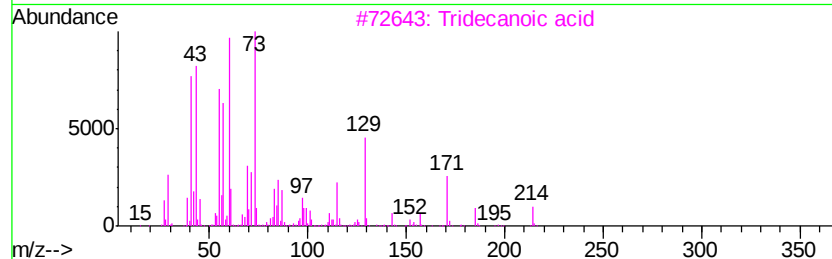
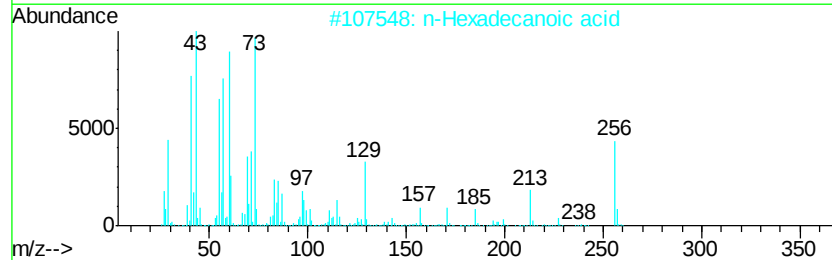
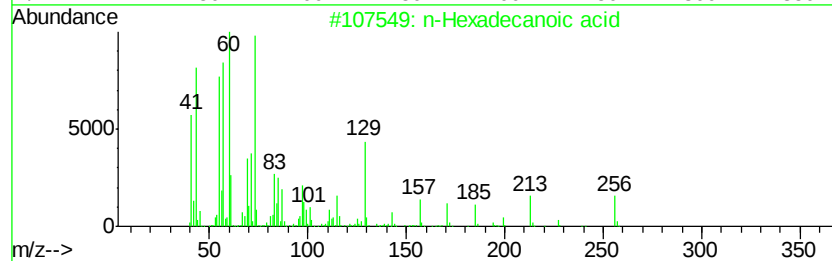
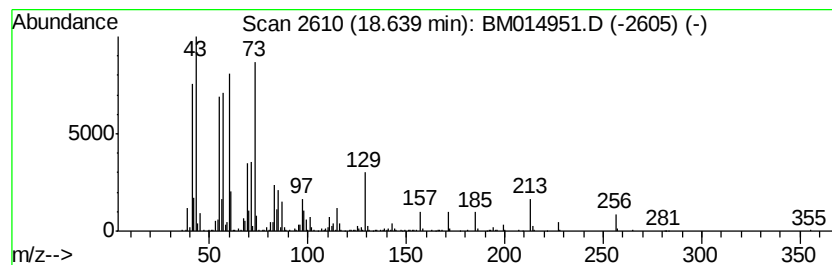
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	8.35 ng/ul	1336780	Phenanthrene-d10	17.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014951.D
Acq On : 03 May 2018 20:06
Operator : SJ/JU
Sample : J2554-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG6

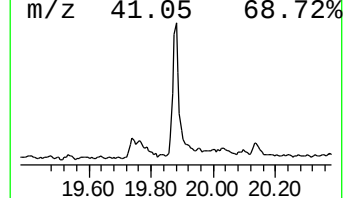
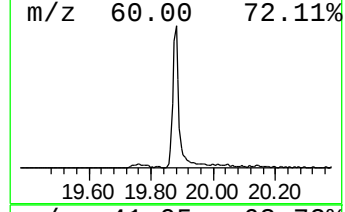
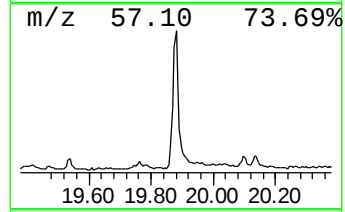
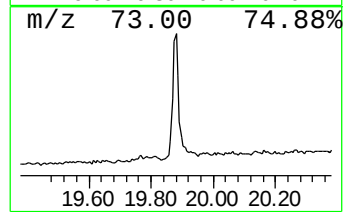
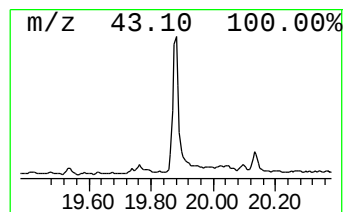
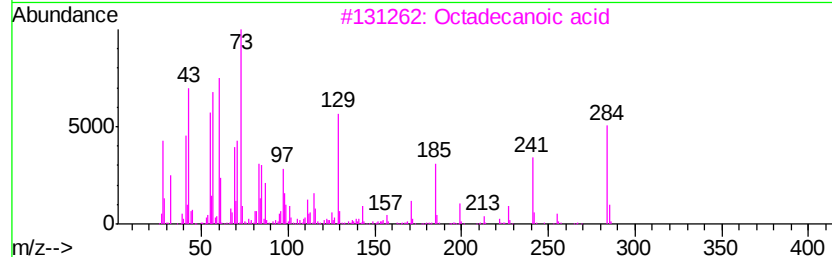
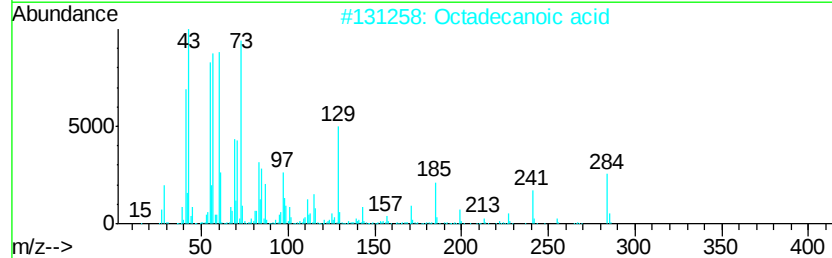
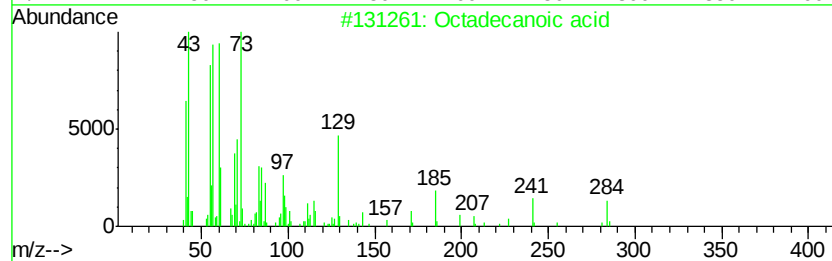
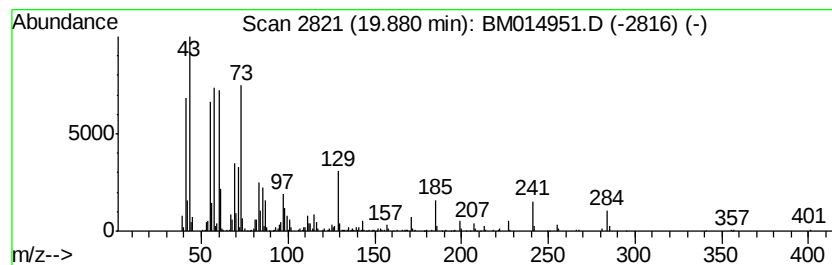
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	4.52 ng/ul	766830	Chrysene-d12	21.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	99
5			Octadecanoic acid	284	C18H36O2	000057-11-4	98



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014951.D
Acq On : 03 May 2018 20:06
Operator : SJ/JU
Sample : J2554-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

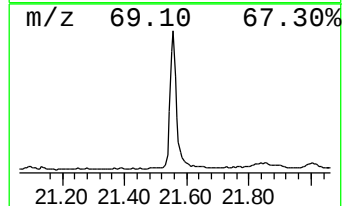
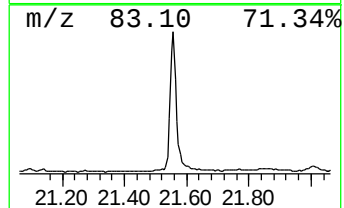
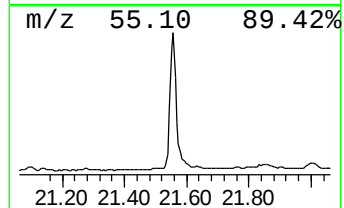
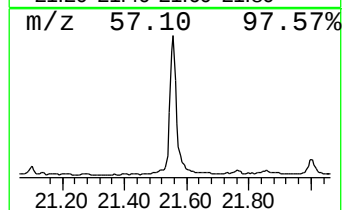
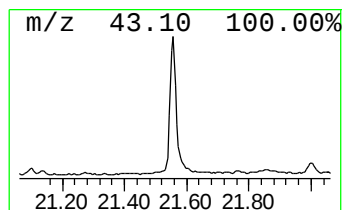
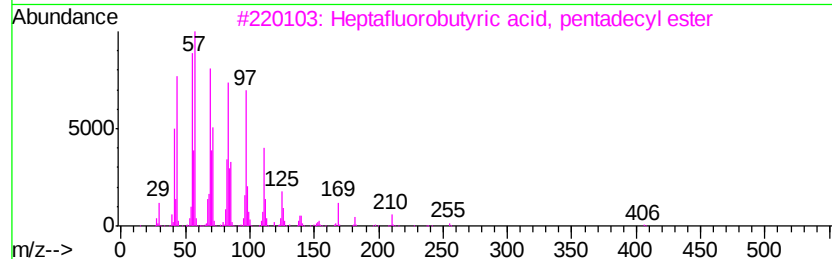
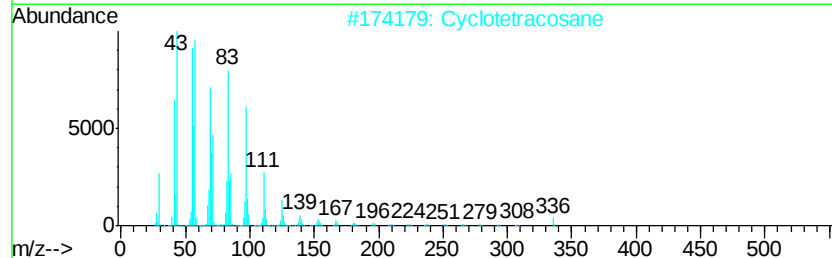
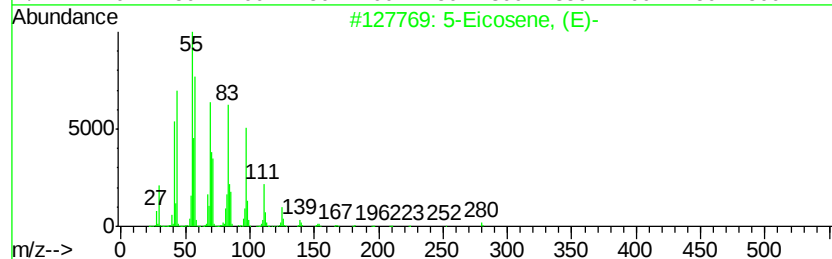
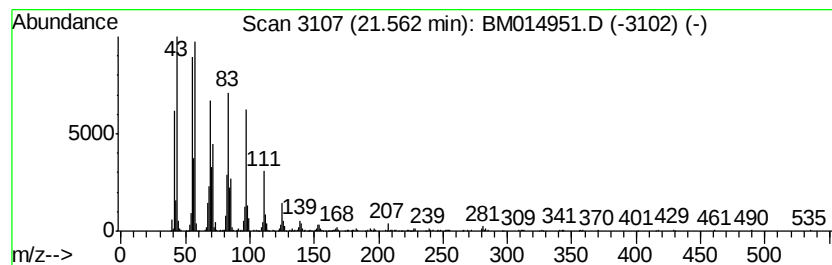
Instrument :
BNA_M
ClientSampleId :
C0AG6

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	9.12 ng/ul	1544980	Chrysene-d12	21.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Eicosene, (E)-		280 C20H40	074685-30-6 97
2	Cyclotetracosane		336 C24H48	000297-03-0 95
3	Heptafluorobutyric acid, penta...		424 C19H31F7O2	959261-23-5 94
4	Pentafluoropropionic acid, penta...		374 C18H31F5O2	959092-08-1 94
5	Pentafluoropropionic acid, hepta...		402 C20H35F5O2	959218-78-1 94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014951.D
Acq On : 03 May 2018 20:06
Operator : SJ/JU
Sample : J2554-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG6

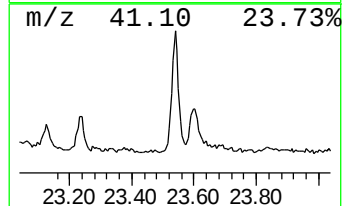
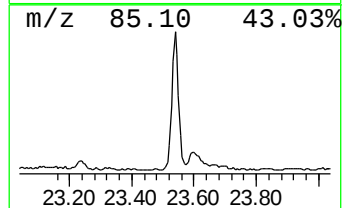
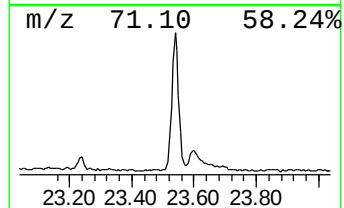
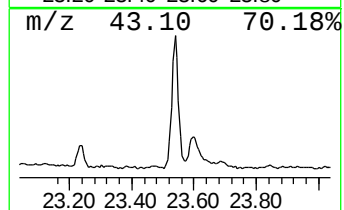
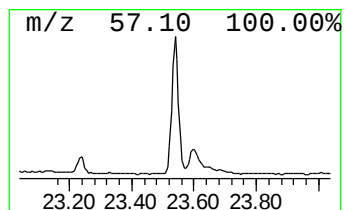
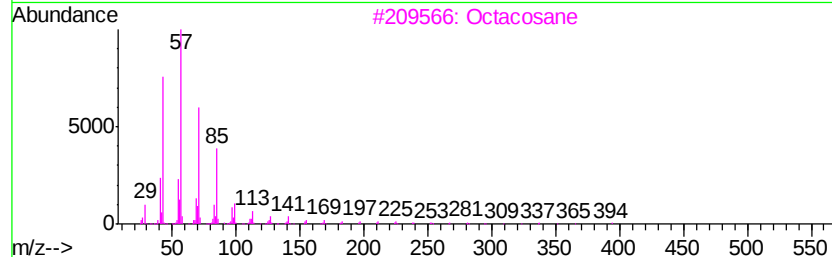
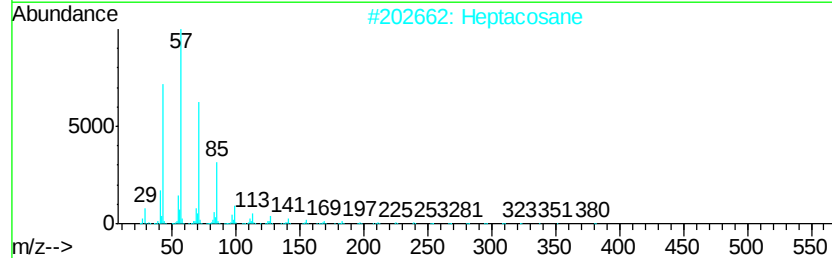
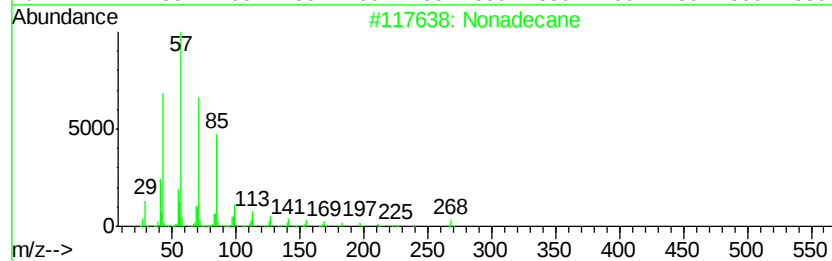
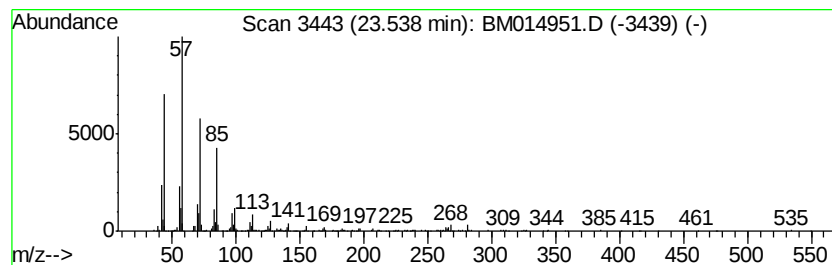
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	3.68 ng/ul	649081	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	95
2	Heptacosane		380	C27H56	000593-49-7	90
3	Octacosane		394	C28H58	000630-02-4	90
4	Docosane, 11-butyl-		366	C26H54	013475-76-8	90
5	Nonadecane		268	C19H40	000629-92-5	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050318\
Data File : BM014951.D
Acq On : 03 May 2018 20:06
Operator : SJ/JU
Sample : J2554-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
Butane, 2-methoxy...	3.33	31.5	ng/ul	3078190	1	8.49	1953900	20.0
n-Hexadecanoic acid	18.64	8.3	ng/ul	1336780	4	17.81	3202290	20.0
Octadecanoic acid	19.88	4.5	ng/ul	766830	5	21.90	3389890	20.0
(DEL) Alkane: Cyc...	21.56	9.1	ng/ul	1544980	5	21.90	3389890	20.0
(DEL) Alkane: Str...	23.54	3.7	ng/ul	649081	6	24.37	3530790	20.0