

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
 Data File : BM009018.D
 Acq On : 24 Feb 2017 15:17
 Operator : SJ/MA
 Sample : I1940-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DABQ7

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	3.363	43	47	52	rVB2	40794	51663	1.52%	0.135%
2	5.016	324	328	336	rVB	99537	136926	4.03%	0.359%
3	7.051	666	674	688	rBV2	642483	1200337	35.35%	3.144%
4	7.228	695	704	711	rBV	468005	746224	21.98%	1.955%
5	7.428	732	738	747	rVB2	634700	994616	29.29%	2.605%
6	7.898	810	818	827	rBV	622106	989525	29.14%	2.592%
7	8.592	929	936	944	rBV	708592	1150492	33.88%	3.013%
8	9.063	1006	1016	1025	rBV	595692	989665	29.14%	2.592%
9	9.786	1130	1139	1146	rBV	459550	788676	23.23%	2.066%
10	10.316	1221	1229	1238	rBV	695032	1161215	34.20%	3.042%
11	10.704	1287	1295	1303	rVB	724087	1240943	36.54%	3.250%
12	10.839	1308	1318	1327	rBV	672434	1150667	33.89%	3.014%
13	13.945	1836	1846	1850	rBV	1200163	1661737	48.94%	4.353%
14	13.986	1850	1853	1863	rVB	251792	348351	10.26%	0.912%
15	14.233	1889	1895	1902	rBV	1254388	1751460	51.58%	4.588%
16	14.539	1940	1947	1955	rVB2	1036615	1553159	45.74%	4.068%
17	14.721	1972	1978	1988	rBV	512542	749810	22.08%	1.964%
18	15.316	2075	2079	2083	rBV2	23468	35743	1.05%	0.094%
19	15.368	2083	2088	2093	rVB	58511	80111	2.36%	0.210%
20	15.533	2109	2116	2122	rBV	1638137	2361815	69.55%	6.186%
21	15.645	2129	2135	2142	rBV	510089	714217	21.03%	1.871%
22	15.768	2148	2156	2161	rBV5	40232	71303	2.10%	0.187%
23	16.227	2229	2234	2242	rBV	91187	162533	4.79%	0.426%
24	17.021	2364	2369	2373	rBV	94333	116760	3.44%	0.306%
25	17.068	2373	2377	2382	rVB5	27482	42206	1.24%	0.111%
26	17.286	2408	2414	2420	rBV	1377387	1957399	57.64%	5.127%
27	17.380	2424	2430	2437	rVV2	1839685	2683975	79.04%	7.030%
28	17.757	2490	2494	2499	rVB	81561	103598	3.05%	0.271%
29	18.157	2556	2562	2567	rBV2	262372	383347	11.29%	1.004%
30	19.009	2702	2707	2716	rBV8	21467	52943	1.56%	0.139%
31	19.286	2751	2754	2755	rBV3	35425	37885	1.12%	0.099%
32	19.309	2755	2758	2764	rVB5	60039	97391	2.87%	0.255%
33	19.427	2774	2778	2783	rBV4	147056	200952	5.92%	0.526%
34	19.562	2798	2801	2810	rBV4	25086	48305	1.42%	0.127%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009018.D
Acq On : 24 Feb 2017 15:17
Operator : SJ/MA
Sample : I1940-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABQ7

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	19.674	2813	2820	2830	rBV	2450071	3371398	99.28%	8.831%
36	20.680	2989	2991	2995	rVB5	37952	37672	1.11%	0.099%
37	21.139	3066	3069	3074	rBV2	253730	311740	9.18%	0.817%
38	21.450	3118	3122	3128	rVB	1960862	2529318	74.48%	6.625%
39	22.650	3323	3326	3332	rVB3	153389	202352	5.96%	0.530%
40	23.650	3489	3496	3503	rBV2	1773789	3395780	100.00%	8.894%
41	23.803	3515	3522	3530	rBV	1245639	2514674	74.05%	6.587%

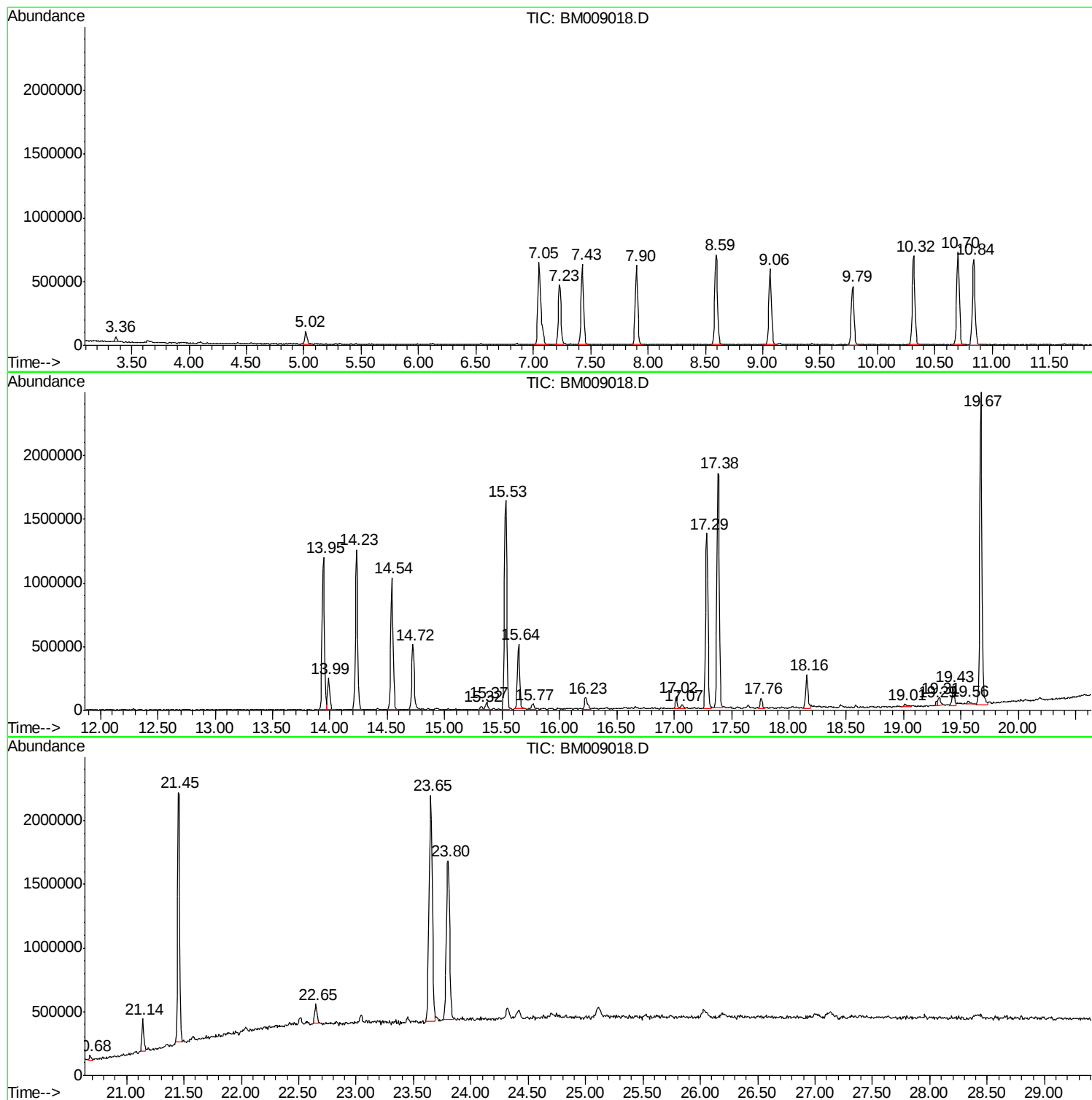
Sum of corrected areas: 38178883

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009018.D
Acq On : 24 Feb 2017 15:17
Operator : SJ/MA
Sample : I1940-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABQ7

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\BM022417\
Data File : BM009018.D
Acq On : 24 Feb 2017 15:17
Operator : SJ/MA
Sample : I1940-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABQ7

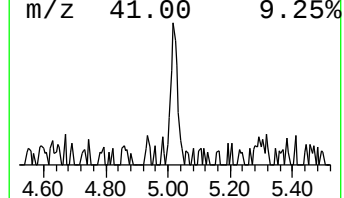
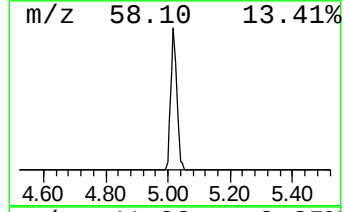
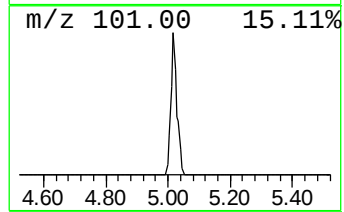
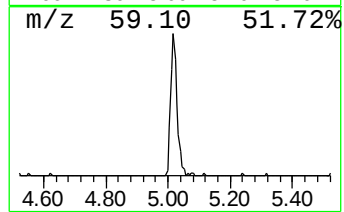
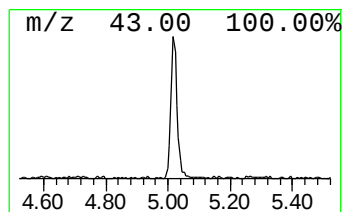
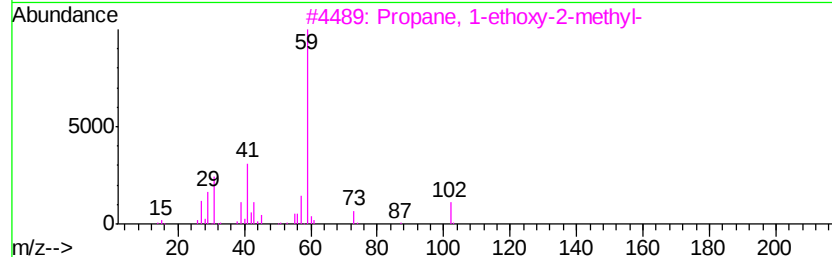
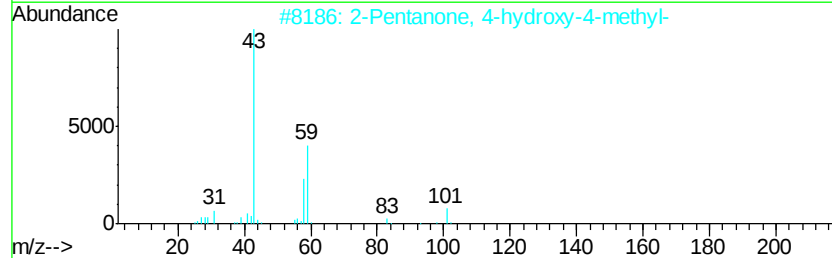
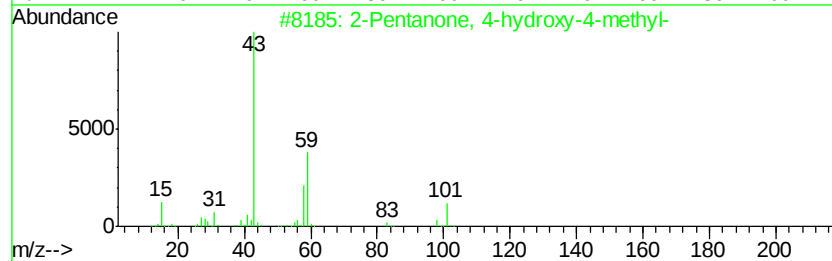
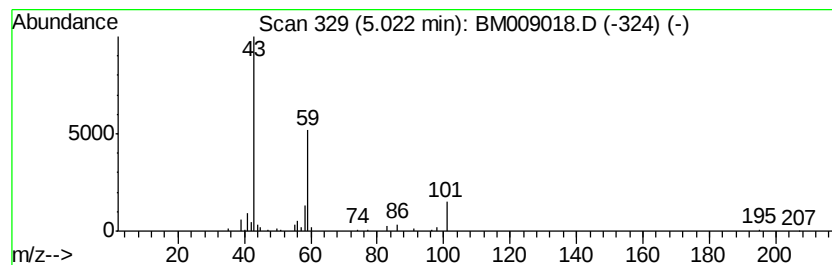
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	2.77 ng/ul	136926	1,4-Dichlorobenzene-d4	7.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
4			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5			4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	9



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009018.D
Acq On : 24 Feb 2017 15:17
Operator : SJ/MA
Sample : I1940-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

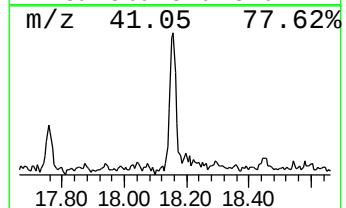
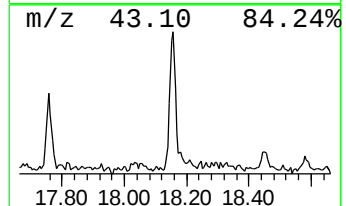
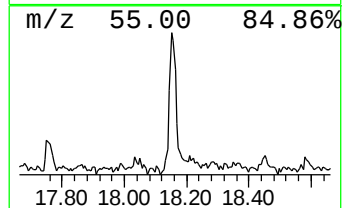
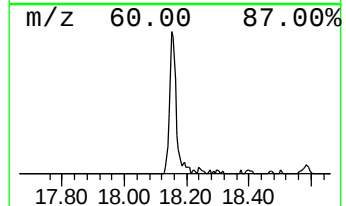
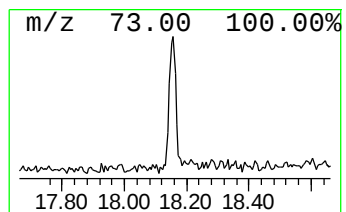
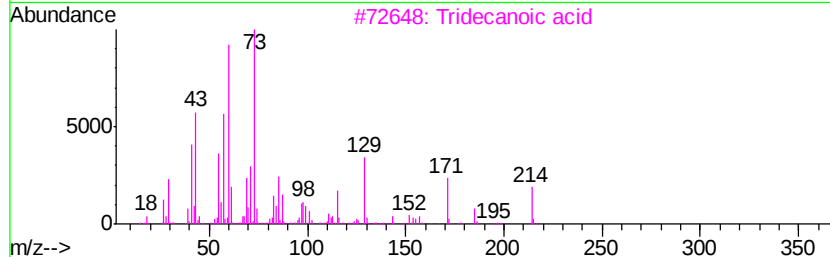
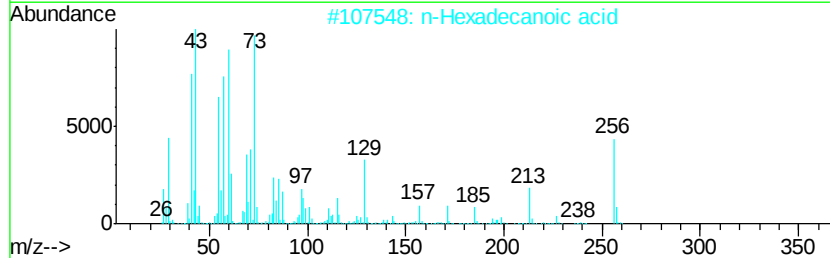
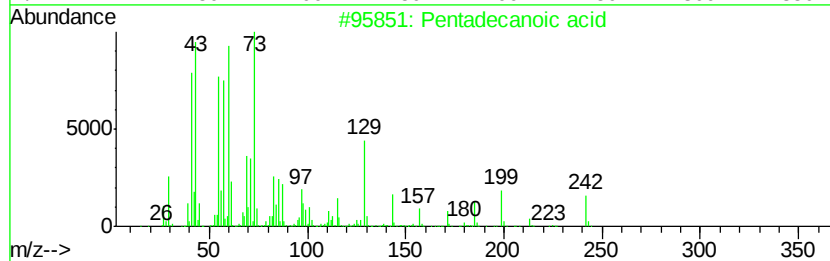
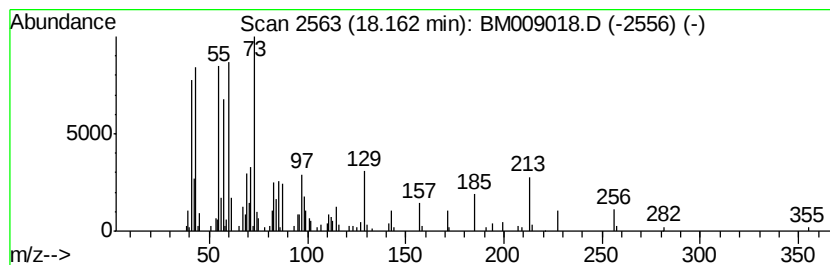
Instrument :
BNA_M
ClientSampleId :
DABQ7

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 Pentadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.16	3.92 ng/ul	383347	Phenanthrene-d10	17.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009018.D
Acq On : 24 Feb 2017 15:17
Operator : SJ/MA
Sample : I1940-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

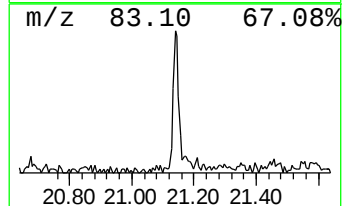
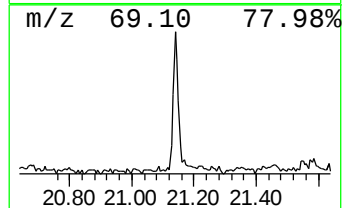
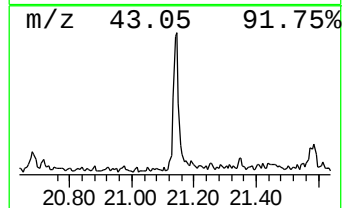
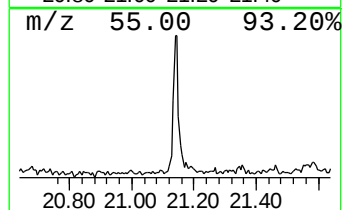
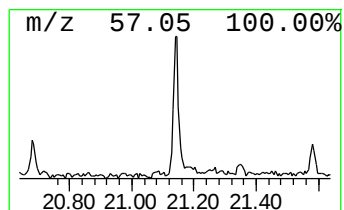
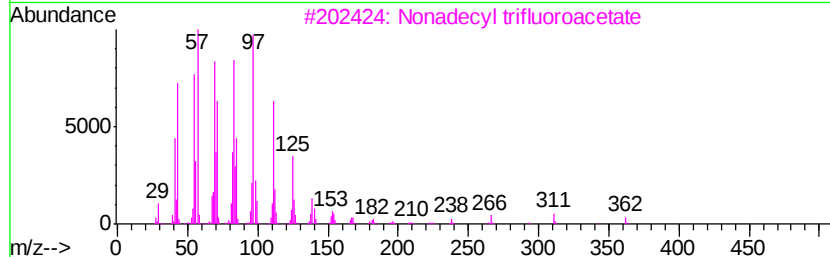
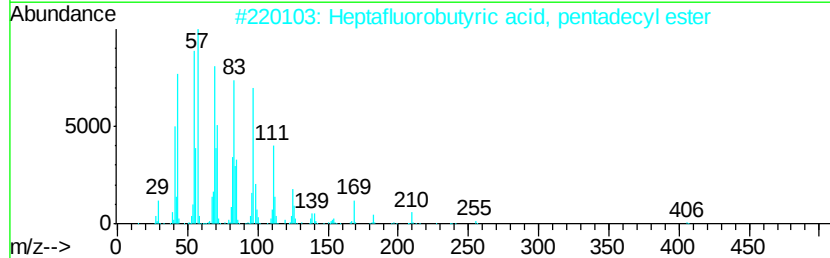
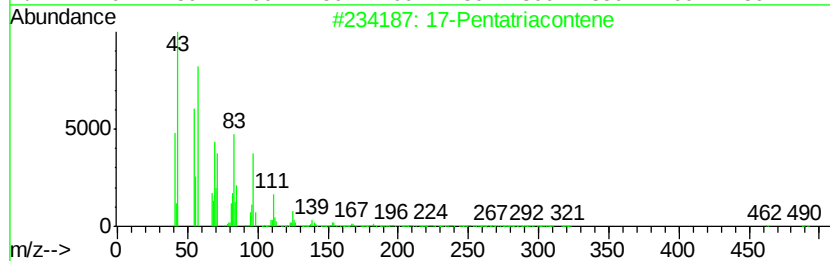
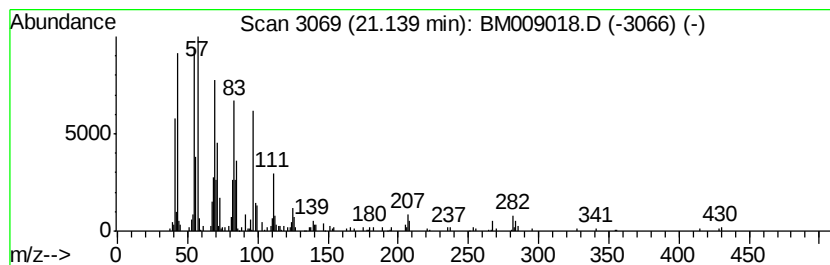
Instrument :
BNA_M
ClientSampleId :
DABQ7

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 (DEL) Alkane: Cyclic21.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.14	2.47 ng/ul	311740	Chrysene-d12	21.46		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		17-Pentatriacontene	491	C35H70	006971-40-0	91
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
3		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5		1-Heptacosanol	396	C27H56O	002004-39-9	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009018.D
Acq On : 24 Feb 2017 15:17
Operator : SJ/MA
Sample : I1940-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABQ7

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
2-Pentanone, 4-hy...	5.02	2.8	ng/ul	136926	1	7.90	989525	20.0
Pentadecanoic acid	18.16	3.9	ng/ul	383347	4	17.29	1957400	20.0
(DEL) Alkane: Cyc...	21.14	2.5	ng/ul	311740	5	21.46	2529320	20.0