

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
 Data File : BM007806.D
 Acq On : 09 Nov 2016 20:29
 Operator : UM/SJ
 Sample : H5554-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N91

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-BM102016.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	2.640	6	9	18	rVB3	36943	83552	1.93%	0.181%
2	2.887	47	51	55	rBV	39277	44995	1.04%	0.098%
3	3.287	115	119	124	rVB	40671	53767	1.24%	0.117%
4	4.216	272	277	285	rBV2	32297	49608	1.14%	0.108%
5	4.616	336	345	351	rBV6	18621	45508	1.05%	0.099%
6	4.904	391	394	401	rBV	28998	45361	1.05%	0.098%
7	6.922	730	737	758	rVB2	683735	1404649	32.40%	3.048%
8	7.081	758	764	773	rBV	562887	888801	20.50%	1.929%
9	7.281	791	798	809	rBV	735926	1221253	28.17%	2.650%
10	7.739	870	876	886	rBV	723077	1199228	27.66%	2.602%
11	8.445	990	996	1009	rBV	712189	1224946	28.26%	2.658%
12	8.898	1066	1073	1088	rBV	680382	1147784	26.48%	2.491%
13	9.616	1187	1195	1204	rBV	559610	960306	22.15%	2.084%
14	10.151	1279	1286	1302	rBV	768003	1446311	33.36%	3.138%
15	10.522	1340	1349	1361	rBV	930806	1558030	35.94%	3.381%
16	10.669	1367	1374	1392	rBV	604036	1198838	27.65%	2.601%
17	13.786	1898	1904	1909	rBV	1424161	2052564	47.35%	4.454%
18	13.833	1909	1912	1919	rVB	257231	369360	8.52%	0.801%
19	14.068	1945	1952	1965	rBV	1685547	2431565	56.09%	5.276%
20	14.374	1994	2004	2011	rBV	1319652	1949907	44.98%	4.231%
21	14.598	2034	2042	2059	rBV	339395	750745	17.32%	1.629%
22	15.221	2143	2148	2155	rVB	46504	64656	1.49%	0.140%
23	15.368	2167	2173	2181	rBV	2070901	3038882	70.10%	6.594%
24	15.510	2191	2197	2208	rBV	471568	744167	17.17%	1.615%
25	15.615	2210	2215	2223	rVB4	36070	65636	1.51%	0.142%
26	16.086	2290	2295	2298	rBV	73598	100238	2.31%	0.218%
27	16.874	2425	2429	2433	rBV	63388	82873	1.91%	0.180%
28	17.021	2450	2454	2461	rBV6	43040	75120	1.73%	0.163%
29	17.121	2466	2471	2476	rVV2	1473908	2234614	51.55%	4.849%
30	17.162	2476	2478	2482	rVV	75562	103020	2.38%	0.224%
31	17.221	2482	2488	2498	rVB2	2236957	3177657	73.30%	6.895%
32	17.615	2551	2555	2561	rVB	53147	67809	1.56%	0.147%
33	18.015	2618	2623	2628	rBV2	150606	224071	5.17%	0.486%
34	18.309	2669	2673	2679	rBV7	26375	43711	1.01%	0.095%

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
Data File : BM007806.D
Acq On : 09 Nov 2016 20:29
Operator : UM/SJ
Sample : H5554-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5N91

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-BM102016.M
Title : SVOA CALIBRATION

35	18.927	2759	2778	2779	rBV7	136406	488850	11.28%	1.061%
36	19.186	2818	2822	2827	rVB	181423	251300	5.80%	0.545%
37	19.298	2837	2841	2844	rBV5	55018	74273	1.71%	0.161%
38	19.521	2872	2879	2891	rBV	2738639	4085791	94.25%	8.866%
39	21.015	3129	3133	3141	rBV2	289195	423879	9.78%	0.920%
40	21.309	3177	3183	3188	rBV	2207160	3004875	69.31%	6.520%
41	23.415	3535	3541	3556	rVB2	2242944	4335240	100.00%	9.407%
42	23.562	3560	3566	3573	rVB	1508503	2775516	64.02%	6.023%
43	24.056	3647	3650	3660	rVB2	279069	494875	11.42%	1.074%

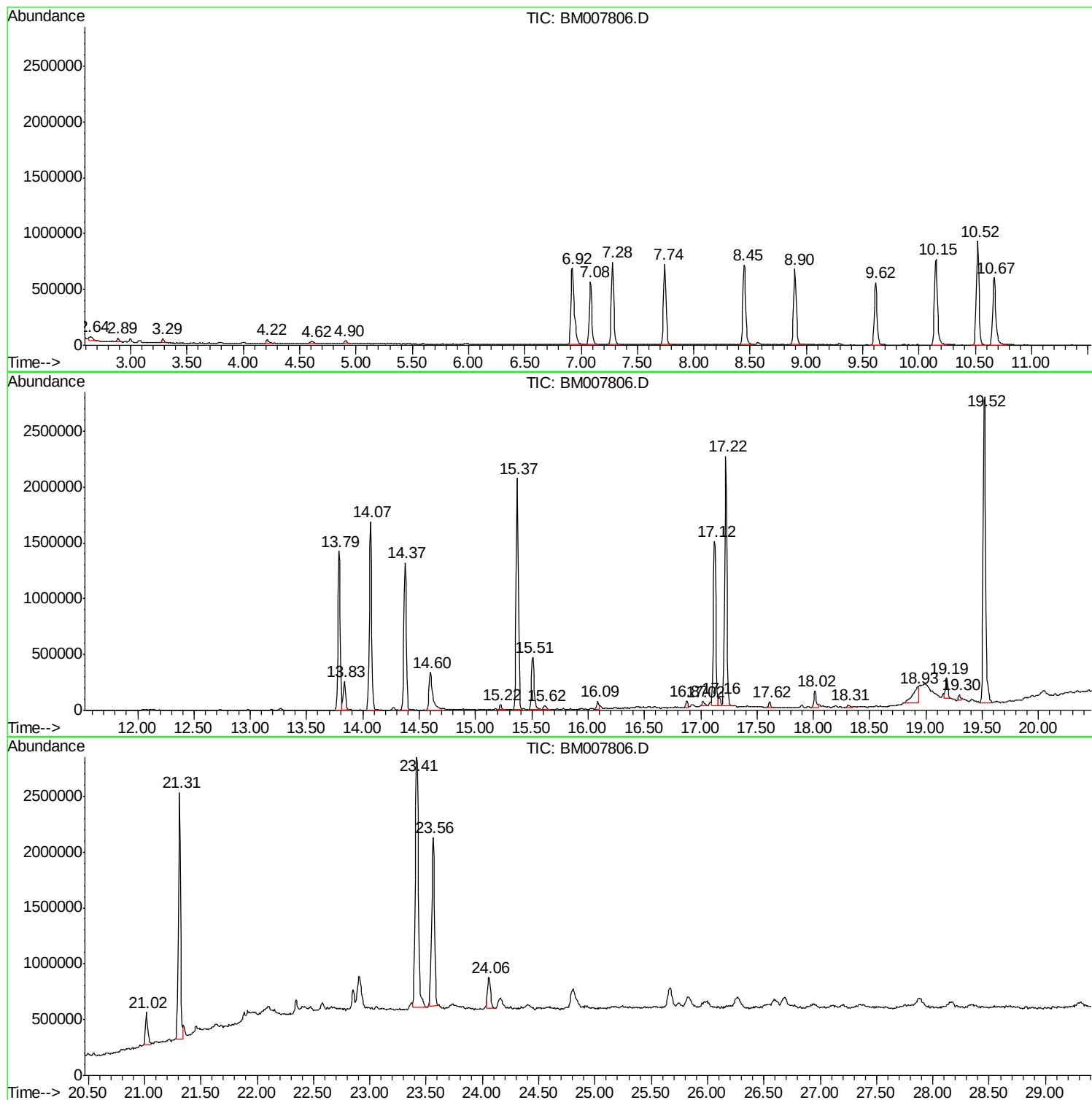
Sum of corrected areas: 46084131

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
Data File : BM007806.D
Acq On : 09 Nov 2016 20:29
Operator : UM/SJ
Sample : H5554-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5N91

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
Data File : BM007806.D
Acq On : 09 Nov 2016 20:29
Operator : UM/SJ
Sample : H5554-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

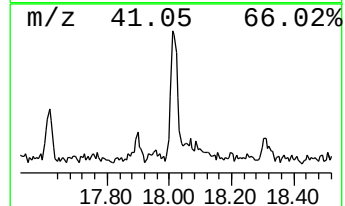
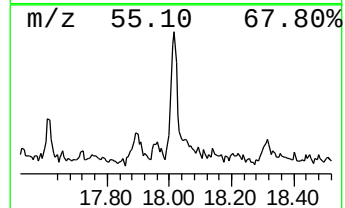
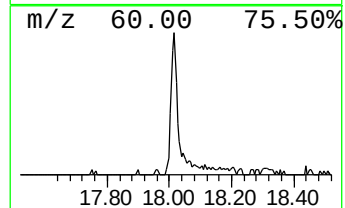
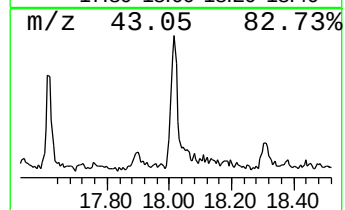
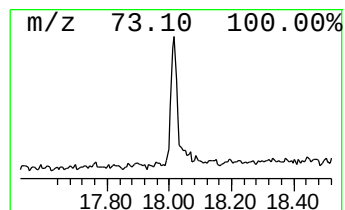
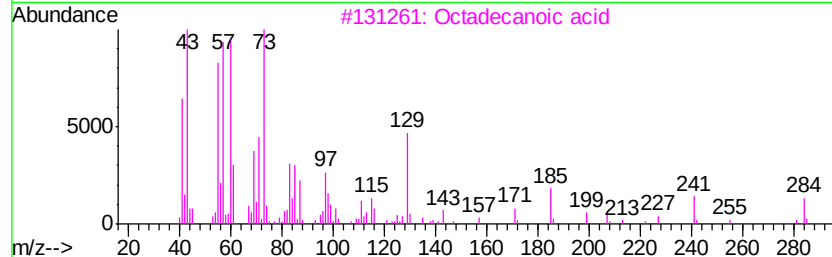
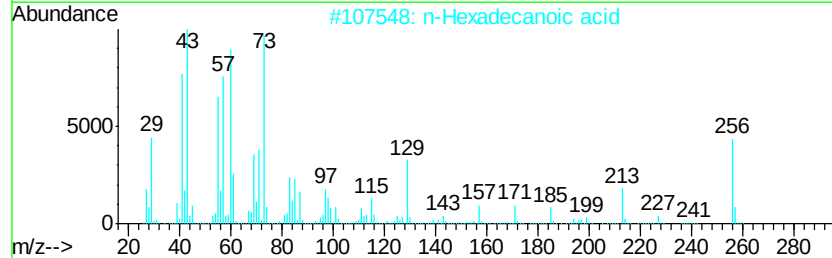
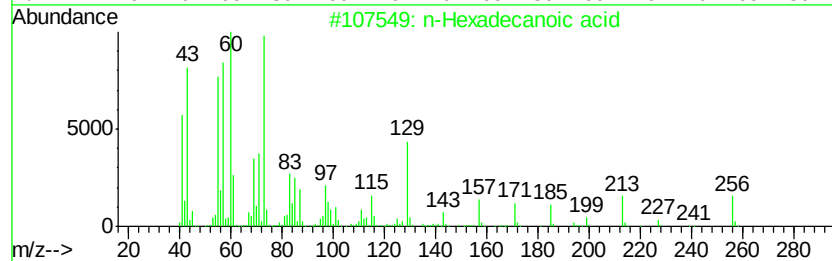
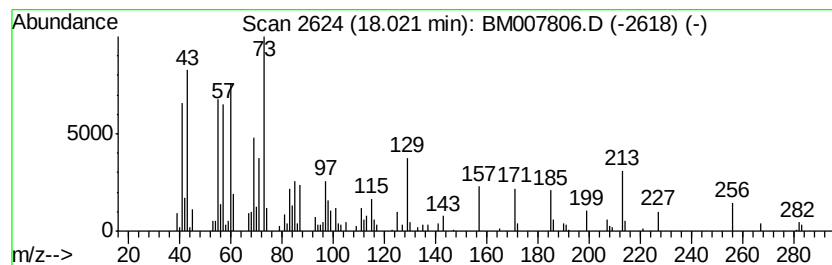
Instrument :
BNA_M
ClientSampleId :
E5N91

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.02	2.01 ng/ul	224071	Phenanthrene-d10		17.12	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Tridecanoic acid	214	C13H26O2	000638-53-9	89



Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
Data File : BM007806.D
Acq On : 09 Nov 2016 20:29
Operator : UM/SJ
Sample : H5554-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

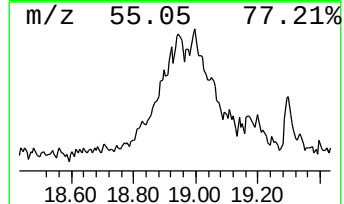
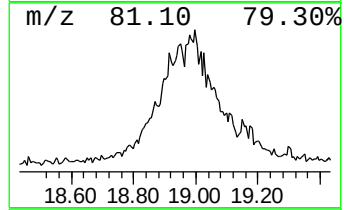
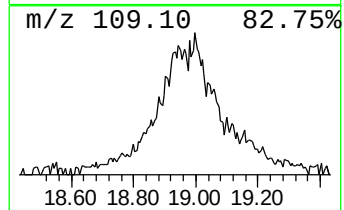
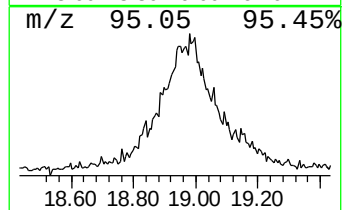
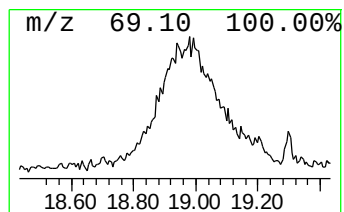
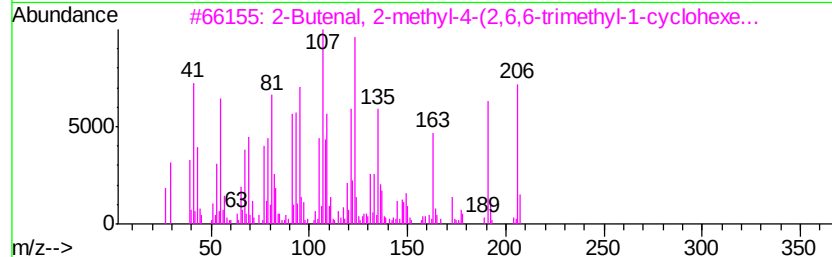
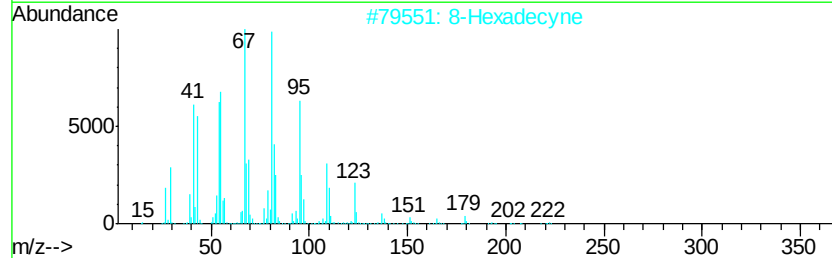
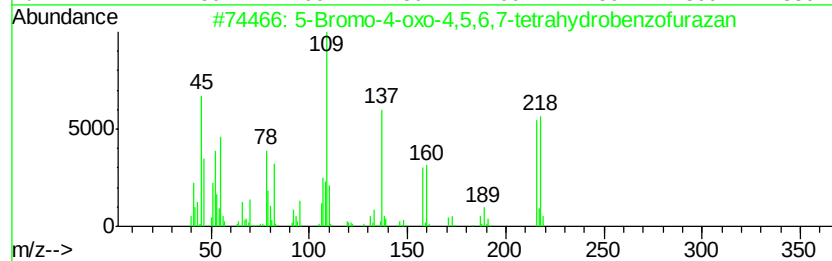
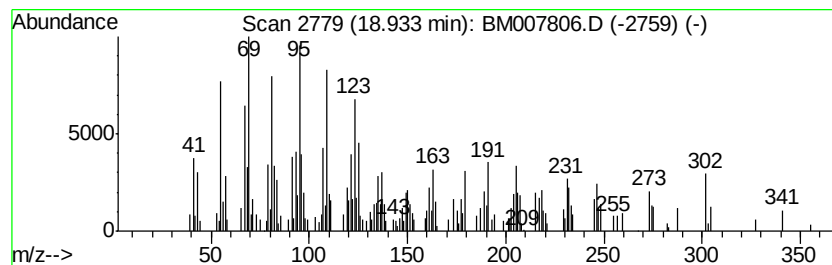
Instrument :
BNA_M
ClientSampleId :
E5N91

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.93	4.38 ng/ul	488850	Phenanthrene-d10	17.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	86
2	8-Hexadecyne	222	C16H30	019781-86-3	64
3	2-Butenal, 2-methyl-4-(2,6,6-tri...	206	C14H22O	003155-71-3	58
4	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	45
5	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	45



Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
Data File : BM007806.D
Acq On : 09 Nov 2016 20:29
Operator : UM/SJ
Sample : H5554-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5N91

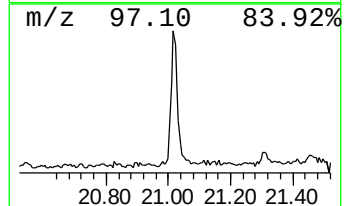
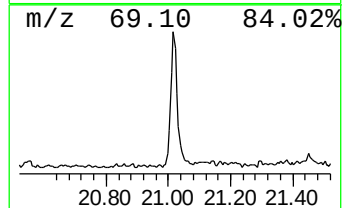
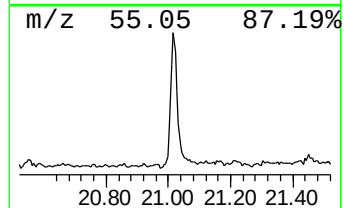
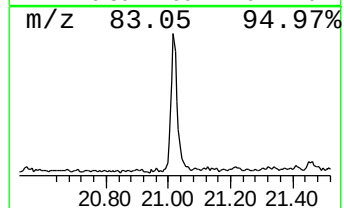
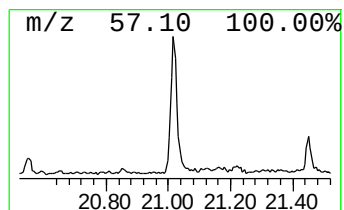
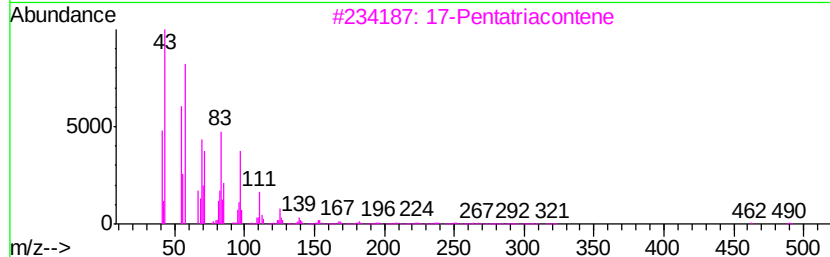
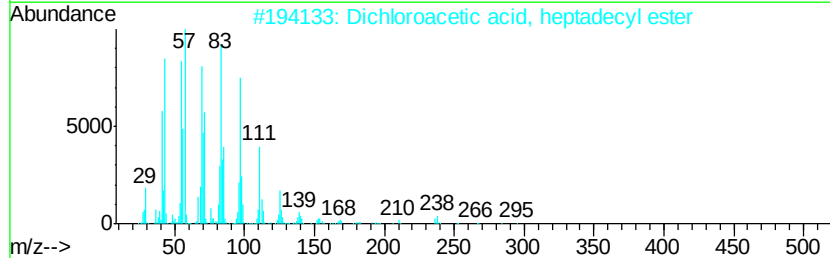
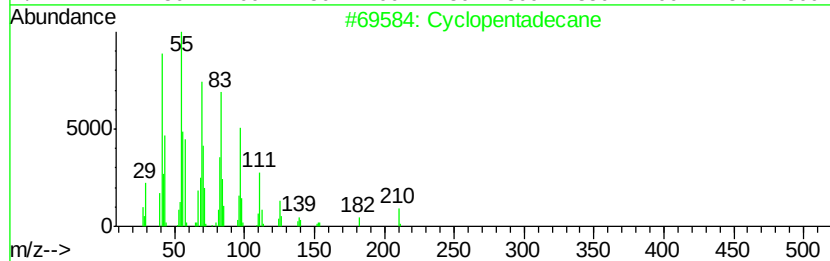
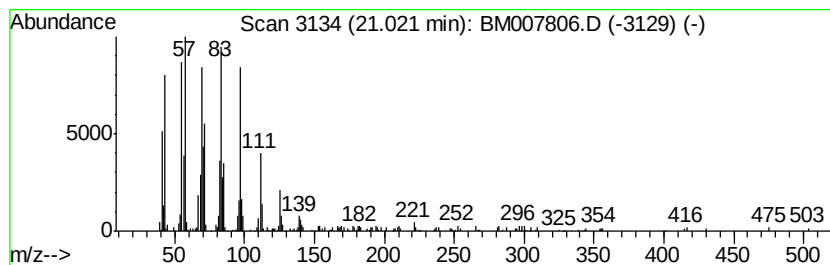
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic21.02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.82 ng/ul	423879	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	97
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
Data File : BM007806.D
Acq On : 09 Nov 2016 20:29
Operator : UM/SJ
Sample : H5554-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5N91

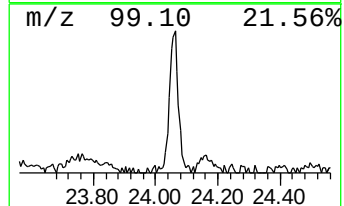
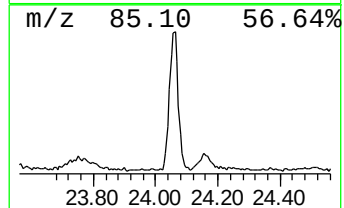
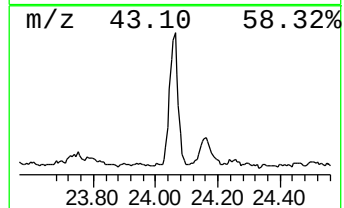
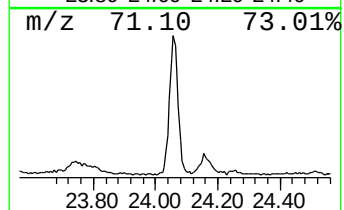
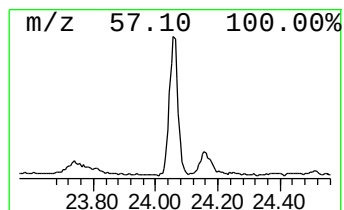
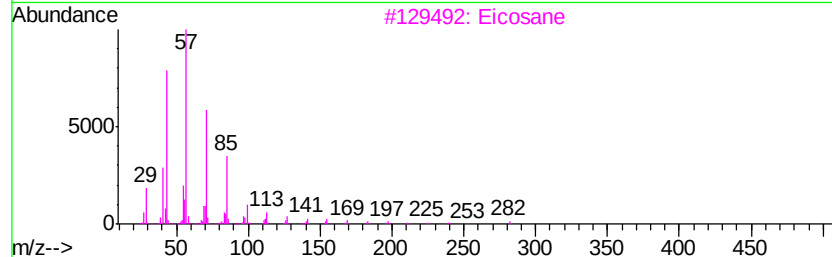
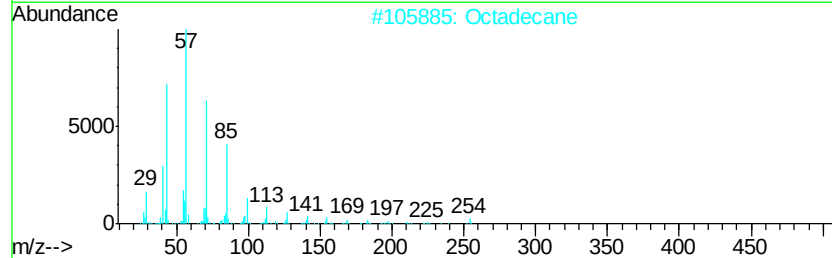
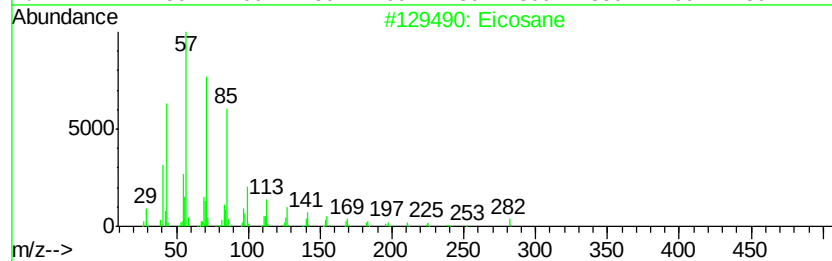
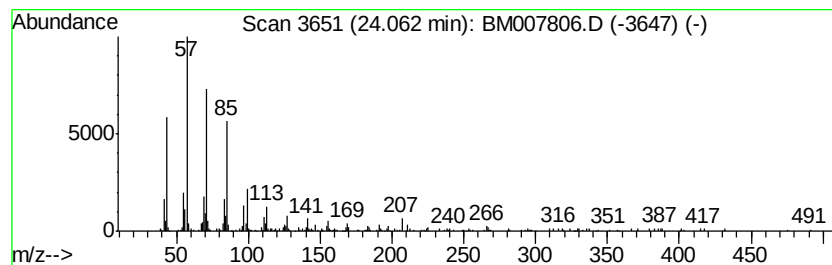
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	3.57 ng/ul	494875	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Octadecane	254	C18H38	000593-45-3	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110916\
Data File : BM007806.D
Acq On : 09 Nov 2016 20:29
Operator : UM/SJ
Sample : H5554-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5N91

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.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	18.02	2.0	ng/ul	224071	4	17.12	2234610	20.0
5-Bromo-4-oxo-4,5...	18.93	4.4	ng/ul	488850	4	17.12	2234610	20.0
(DEL) Alkane: Cyc...	21.02	2.8	ng/ul	423879	5	21.31	3004880	20.0
(DEL) Alkane: Str...	24.06	3.6	ng/ul	494875	6	23.56	2775520	20.0