

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
 Data File : BM013066.D
 Acq On : 21 Nov 2017 04:44
 Operator : SJ/JU
 Sample : I6514-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B94

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-BM111617.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	3.251	24	28	36	rVB	60977	89636	2.04%	0.155%
2	4.869	299	303	309	rBV	40049	50506	1.15%	0.088%
3	6.887	639	646	656	rBV2	242597	561519	12.76%	0.974%
4	7.057	669	675	684	rBV	522319	803669	18.26%	1.394%
5	7.251	695	708	716	rBV	649247	1030266	23.41%	1.787%
6	7.716	780	787	796	rBV	923391	1404698	31.92%	2.436%
7	8.416	900	906	914	rBV	624124	984565	22.37%	1.707%
8	8.581	929	934	941	rVB3	46094	73775	1.68%	0.128%
9	8.828	967	976	978	rBV3	78958	140235	3.19%	0.243%
10	8.869	978	983	993	rVB	725777	1221768	27.76%	2.119%
11	9.580	1097	1104	1113	rVB	615430	1018849	23.15%	1.767%
12	9.928	1155	1163	1169	rBV3	31844	57347	1.30%	0.099%
13	10.116	1188	1195	1202	rBV	978956	1634164	37.13%	2.834%
14	10.186	1202	1207	1217	rVB2	75742	126830	2.88%	0.220%
15	10.498	1252	1260	1266	rBV	1247031	2072446	47.09%	3.594%
16	10.557	1266	1270	1277	rVB2	79961	129312	2.94%	0.224%
17	13.345	1737	1744	1748	rBV2	31665	52241	1.19%	0.091%
18	13.592	1782	1786	1789	rBV5	32757	51682	1.17%	0.090%
19	13.768	1810	1816	1821	rBV	1910119	2549333	57.93%	4.421%
20	13.815	1821	1824	1831	rVB	169970	223516	5.08%	0.388%
21	14.045	1851	1863	1869	rBV	2010620	3047416	69.24%	5.285%
22	14.357	1909	1916	1927	rVB2	1970568	3168638	72.00%	5.495%
23	14.557	1944	1950	1958	rBV	287504	421269	9.57%	0.731%
24	14.786	1985	1989	1994	rBV6	27716	49836	1.13%	0.086%
25	14.868	2000	2003	2008	rVB7	33380	50673	1.15%	0.088%
26	14.921	2008	2012	2019	rVB3	48599	103743	2.36%	0.180%
27	15.127	2043	2047	2052	rBV4	33903	62316	1.42%	0.108%
28	15.186	2053	2057	2060	rVV3	40756	51482	1.17%	0.089%
29	15.351	2079	2085	2091	rBV	2520889	3621371	82.29%	6.280%
30	15.462	2096	2104	2114	rVB	808532	1206699	27.42%	2.093%
31	15.545	2114	2118	2122	rBV5	37174	62665	1.42%	0.109%
32	15.621	2128	2131	2137	rVB6	35806	52606	1.20%	0.091%
33	15.721	2143	2148	2150	rBV3	100549	140529	3.19%	0.244%
34	15.757	2150	2154	2158	rVB3	110846	160466	3.65%	0.278%

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
 Data File : BM013066.D
 Acq On : 21 Nov 2017 04:44
 Operator : SJ/JU
 Sample : I6514-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B94

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-BM111617.M
 Title : SVOA CALIBRATION

35	15.851	2165	2170	2176	rVB2	330570	532649	12.10%	0.924%
36	15.998	2190	2195	2201	rBV5	79252	120154	2.73%	0.208%
37	16.080	2203	2209	2212	rBV7	38695	72588	1.65%	0.126%
38	16.198	2224	2229	2233	rBV3	86828	127503	2.90%	0.221%
39	16.256	2233	2239	2243	rVV2	176857	284069	6.45%	0.493%
40	16.398	2259	2263	2267	rBV7	28885	53324	1.21%	0.092%
41	16.515	2276	2283	2291	rVB7	50259	103962	2.36%	0.180%
42	16.615	2291	2300	2305	rVB7	34731	75529	1.72%	0.131%
43	16.768	2318	2326	2330	rBV2	112589	191220	4.34%	0.332%
44	16.856	2337	2341	2346	rVB7	55834	85649	1.95%	0.149%
45	16.986	2358	2363	2369	rVB2	87769	138939	3.16%	0.241%
46	17.098	2373	2382	2388	rBV	2622946	3740385	84.99%	6.486%
47	17.198	2388	2399	2406	rVB	2779600	3949784	89.75%	6.849%
48	17.345	2419	2424	2429	rBV7	42493	77285	1.76%	0.134%
49	18.009	2530	2537	2554	rBV	1048024	1517252	34.48%	2.631%
50	18.127	2554	2557	2563	rVB7	28347	50629	1.15%	0.088%
51	18.245	2573	2577	2579	rBV2	45217	62773	1.43%	0.109%
52	18.274	2579	2582	2587	rVB	219055	285287	6.48%	0.495%
53	18.392	2599	2602	2608	rBV	65168	86090	1.96%	0.149%
54	18.780	2662	2668	2672	rBV2	96847	144234	3.28%	0.250%
55	19.027	2703	2710	2712	rBV8	26071	50196	1.14%	0.087%
56	19.115	2719	2725	2732	rBV3	134956	268186	6.09%	0.465%
57	19.292	2750	2755	2764	rBV	1306161	1786504	40.59%	3.098%
58	19.492	2783	2789	2796	rVB	3320981	4400978	100.00%	7.632%
59	20.021	2876	2879	2883	rBV5	40006	48403	1.10%	0.084%
60	20.368	2935	2938	2943	rBV7	56813	78073	1.77%	0.135%
61	20.433	2945	2949	2955	rVB5	61116	99487	2.26%	0.173%
62	20.492	2955	2959	2962	rBV5	35271	49731	1.13%	0.086%
63	20.533	2963	2966	2969	rVV5	38200	45532	1.03%	0.079%
64	21.009	3043	3047	3055	rBV2	579247	688248	15.64%	1.194%
65	21.286	3088	3094	3099	rBV	3409682	4272945	97.09%	7.410%
66	22.862	3359	3362	3367	rVB2	97085	117934	2.68%	0.205%
67	23.374	3442	3449	3455	rBV2	2144769	3871082	87.96%	6.713%
68	23.515	3466	3473	3481	rVB	1909087	3498949	79.50%	6.068%
69	24.080	3565	3569	3575	rVB4	117238	214521	4.87%	0.372%

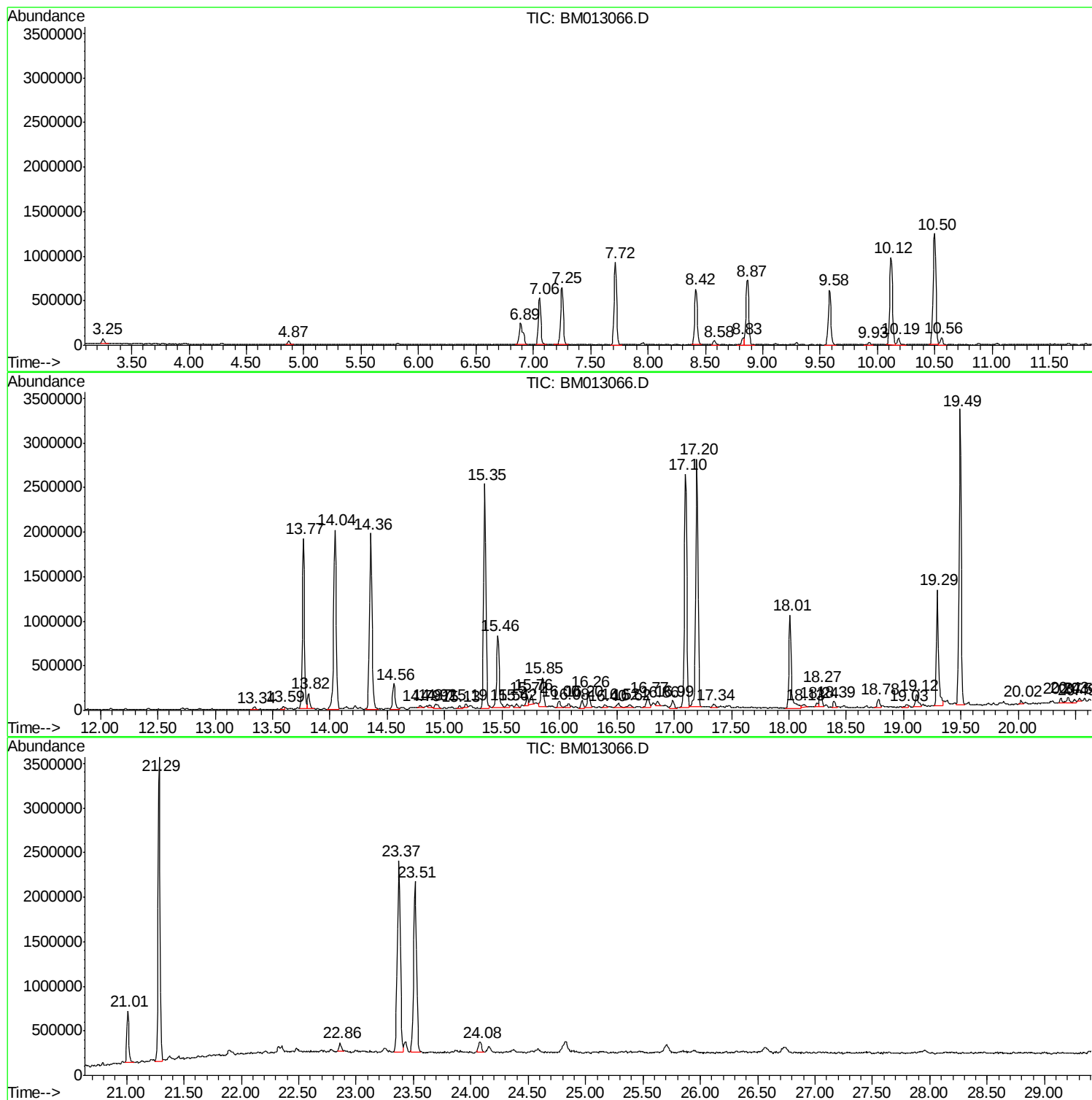
Sum of corrected areas: 57666140

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013066.D
Acq On : 21 Nov 2017 04:44
Operator : SJ/JU
Sample : I6514-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B94

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013066.D
Acq On : 21 Nov 2017 04:44
Operator : SJ/JU
Sample : I6514-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B94

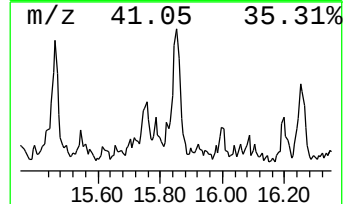
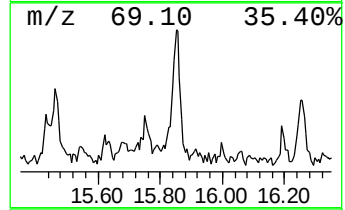
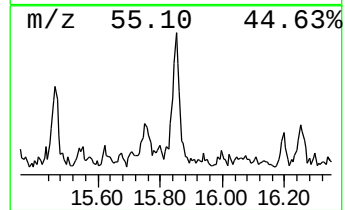
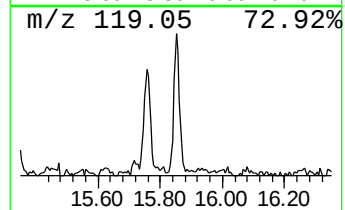
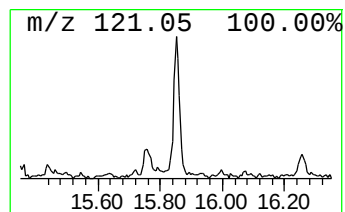
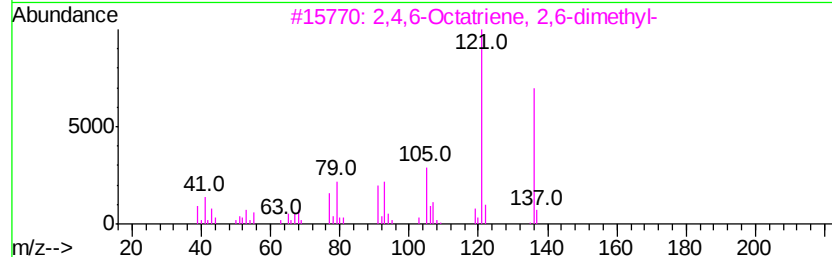
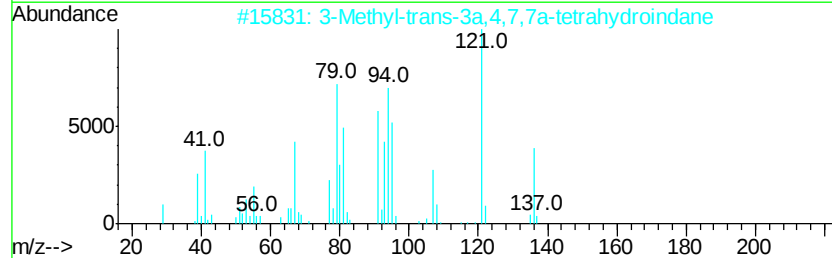
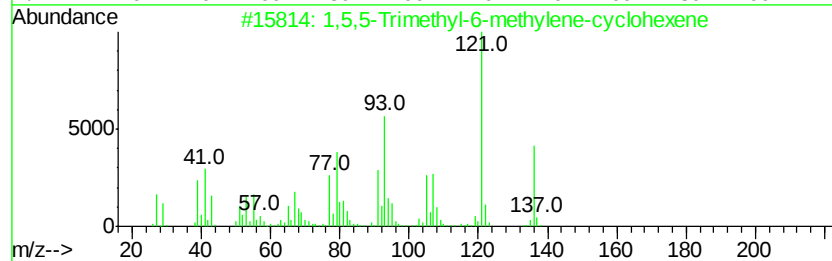
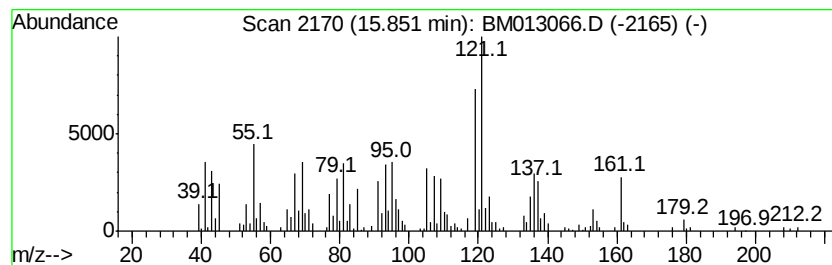
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	2.85 ng/ul	532649	Phenanthrene-d10	17.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	43
2			3-Methyl-trans-3a,4,7,7a-tetrahy...	136	C10H16	1000145-84-3	43
3			2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	42
4			Cyclopentane, 2-methyl-1-methyle...	136	C10H16	056710-83-9	38
5			Bicyclo[3.1.0]hex-2-ene, 4,4,6,6...	136	C10H16	019487-09-3	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013066.D
Acq On : 21 Nov 2017 04:44
Operator : SJ/JU
Sample : I6514-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B94

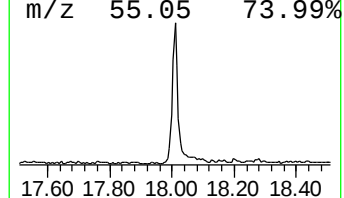
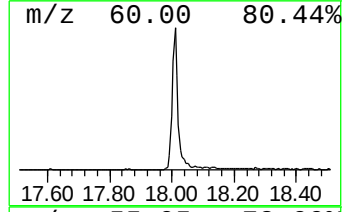
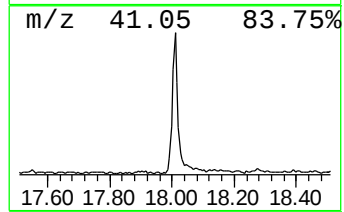
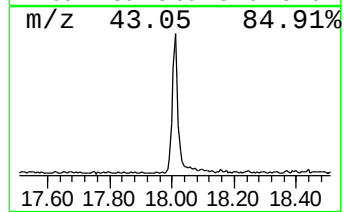
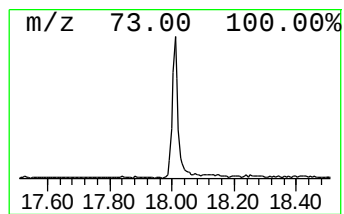
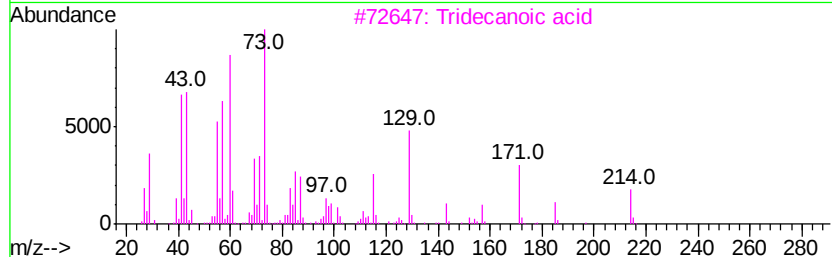
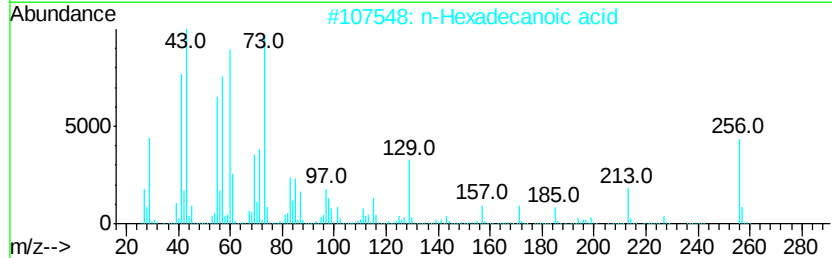
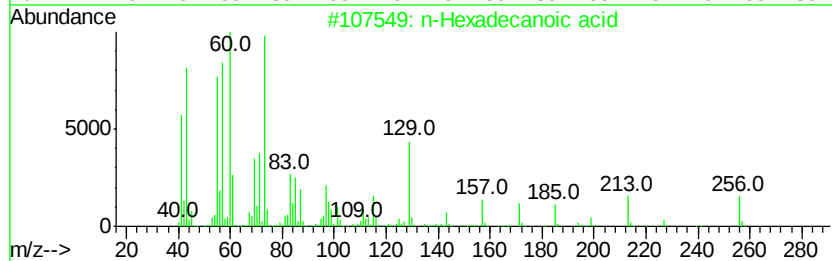
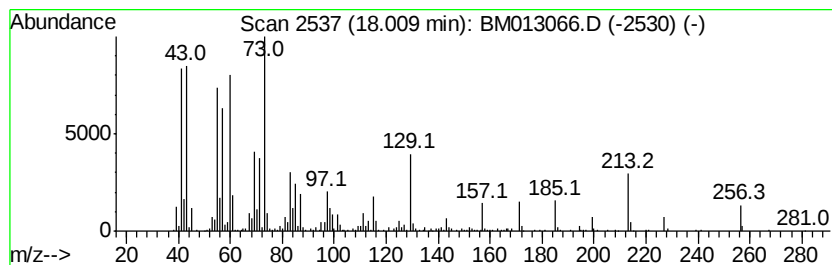
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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.
18.01	8.11 ng/ul	1517250	Phenanthrene-d10	17.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	96
4		Tridecanoic acid	214	C13H26O2	000638-53-9	95
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013066.D
Acq On : 21 Nov 2017 04:44
Operator : SJ/JU
Sample : I6514-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

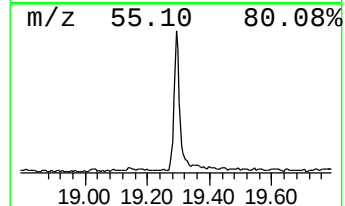
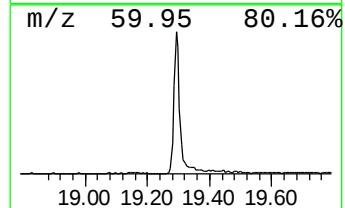
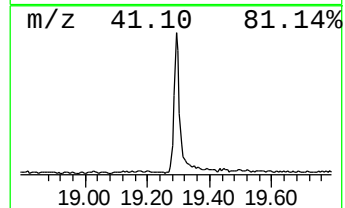
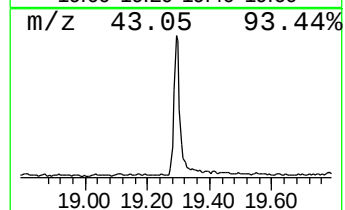
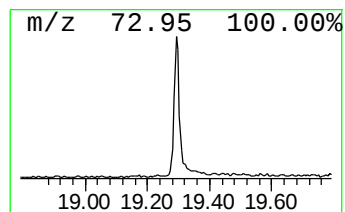
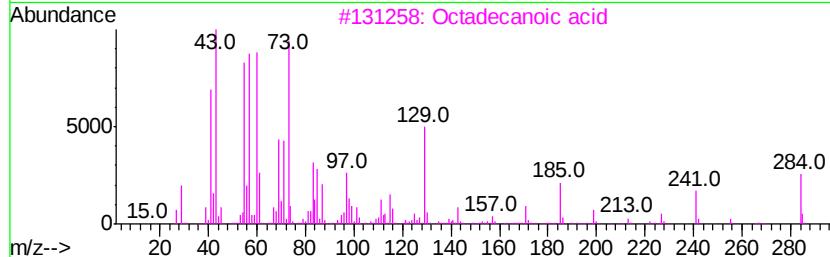
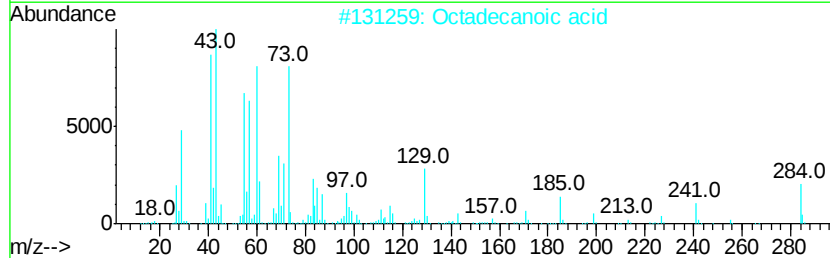
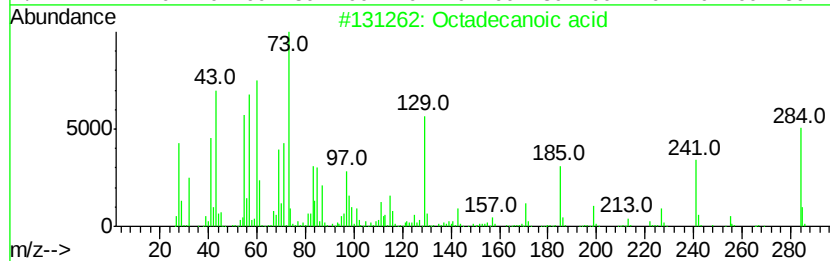
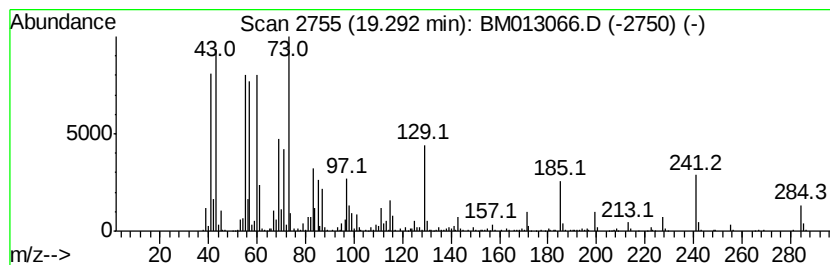
Instrument :
BNA_M
ClientSampleId :
C0B94

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.29	8.36 ng/ul	1786500	Chrysene-d12	21.29	
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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013066.D
Acq On : 21 Nov 2017 04:44
Operator : SJ/JU
Sample : I6514-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B94

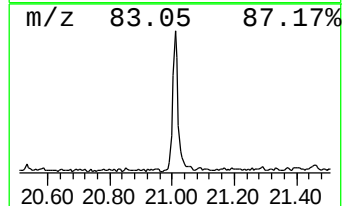
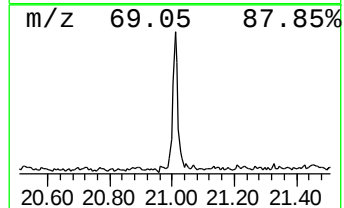
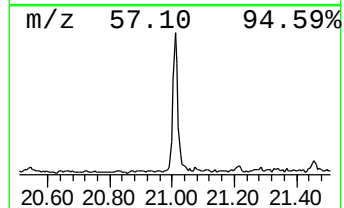
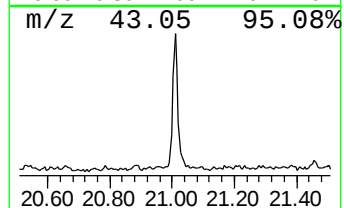
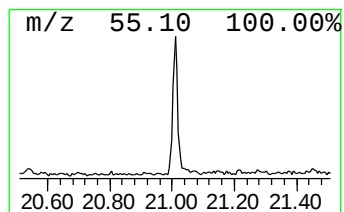
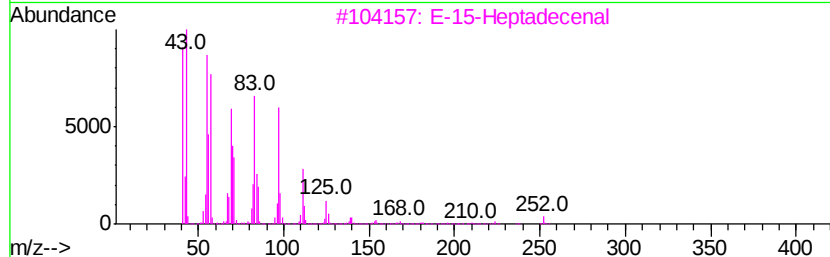
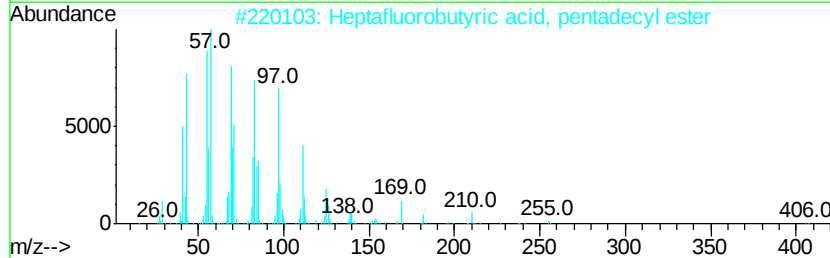
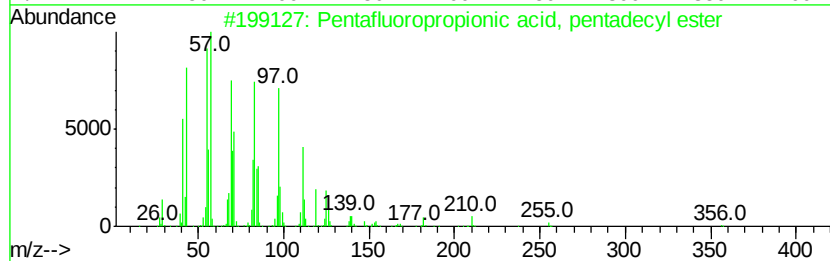
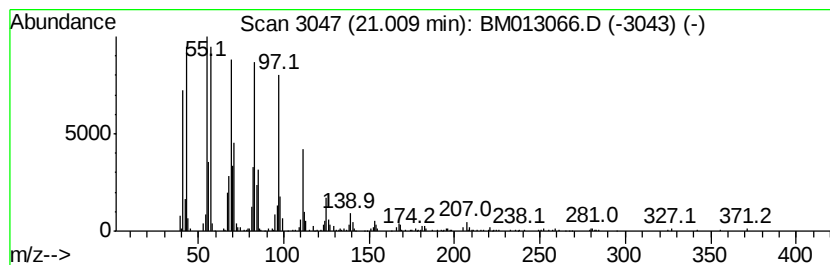
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	3.22 ng/ul	688248	Chrysene-d12	21.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
2			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3			E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
4			Octacosanol	410	C28H58O	000557-61-9	89
5			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112017\
Data File : BM013066.D
Acq On : 21 Nov 2017 04:44
Operator : SJ/JU
Sample : I6514-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B94

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.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
unknown-01	15.85	2.9	ng/ul	532649	4	17.10	3740390	20.0
n-Hexadecanoic acid	18.01	8.1	ng/ul	1517250	4	17.10	3740390	20.0
Octadecanoic acid	19.29	8.4	ng/ul	1786500	5	21.29	4272950	20.0
Pentafluoropropio...	21.01	3.2	ng/ul	688248	5	21.29	4272950	20.0