

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
 Data File : BM013100.D
 Acq On : 22 Nov 2017 23:53
 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	33	rVB	53217	70668	2.79%	0.189%
2	4.863	296	302	308	rBV	35793	54810	2.16%	0.146%
3	6.887	639	646	660	rBV2	206831	474943	18.75%	1.267%
4	7.051	668	674	680	rBV	472402	702724	27.74%	1.875%
5	7.245	701	707	714	rBV	581677	887558	35.03%	2.369%
6	7.710	779	786	793	rVB	847177	1295948	51.15%	3.458%
7	7.951	821	827	833	rBV6	14077	26579	1.05%	0.071%
8	8.416	896	906	913	rBV	494624	767098	30.28%	2.047%
9	8.575	927	933	939	rVB2	35588	60381	2.38%	0.161%
10	8.822	967	975	977	rBV4	65517	103636	4.09%	0.277%
11	8.863	977	982	992	rVB	623429	1010992	39.90%	2.698%
12	9.286	1050	1054	1061	rVB2	22642	31993	1.26%	0.085%
13	9.580	1095	1104	1112	rBV	490115	820889	32.40%	2.191%
14	9.928	1157	1163	1170	rBV4	18632	37153	1.47%	0.099%
15	10.116	1187	1195	1202	rBV	785503	1264791	49.92%	3.375%
16	10.180	1202	1206	1213	rVB4	54359	89736	3.54%	0.239%
17	10.492	1251	1259	1265	rBV	1014278	1712210	67.58%	4.569%
18	10.551	1265	1269	1276	rVB3	63035	102907	4.06%	0.275%
19	13.339	1735	1743	1749	rBV4	17362	30221	1.19%	0.081%
20	13.763	1809	1815	1820	rBV	1185872	1637385	64.62%	4.370%
21	13.810	1820	1823	1830	rVB	120406	160306	6.33%	0.428%
22	14.039	1851	1862	1869	rBV	1375190	2067703	81.61%	5.518%
23	14.133	1873	1878	1883	rBV7	16802	33258	1.31%	0.089%
24	14.215	1888	1892	1896	rBV6	22781	35770	1.41%	0.095%
25	14.351	1906	1915	1929	rBV2	1371692	2172827	85.76%	5.799%
26	14.563	1945	1951	1958	rBV2	136313	222970	8.80%	0.595%
27	14.786	1984	1989	1993	rBV6	18790	38795	1.53%	0.104%
28	14.921	2008	2012	2020	rVB2	28308	55660	2.20%	0.149%
29	15.121	2041	2046	2050	rBV6	21814	36064	1.42%	0.096%
30	15.180	2050	2056	2060	rVV3	28700	41849	1.65%	0.112%
31	15.345	2077	2084	2090	rBV	1688619	2356517	93.01%	6.289%
32	15.462	2096	2104	2114	rVB	443562	658936	26.01%	1.758%
33	15.545	2114	2118	2121	rBV6	20773	36792	1.45%	0.098%
34	15.621	2127	2131	2135	rVB4	29545	42300	1.67%	0.113%

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35	15.680	2135	2141	2142	rBV5	17955	29400	1.16%	0.078%
36	15.715	2142	2147	2149	rVV2	65772	84681	3.34%	0.226%
37	15.751	2149	2153	2162	rVV6	78715	167692	6.62%	0.448%
38	15.851	2164	2170	2175	rVB2	175545	287915	11.36%	0.768%
39	15.992	2189	2194	2201	rBV6	48013	70053	2.76%	0.187%
40	16.074	2201	2208	2216	rVB6	21244	56522	2.23%	0.151%
41	16.192	2224	2228	2232	rBV5	50989	73808	2.91%	0.197%
42	16.251	2233	2238	2243	rVB2	97859	150192	5.93%	0.401%
43	16.392	2256	2262	2264	rBV5	21434	34151	1.35%	0.091%
44	16.509	2275	2282	2285	rBV7	24945	51146	2.02%	0.136%
45	16.615	2297	2300	2304	rVB5	17543	25699	1.01%	0.069%
46	16.768	2321	2326	2330	rBV4	56261	108671	4.29%	0.290%
47	16.856	2337	2341	2344	rVB6	28549	46258	1.83%	0.123%
48	16.927	2350	2353	2358	rVB7	17953	27222	1.07%	0.073%
49	16.986	2358	2363	2368	rVB2	45654	74060	2.92%	0.198%
50	17.098	2375	2382	2388	rBV	1599978	2233849	88.17%	5.961%
51	17.156	2388	2392	2393	rVV4	38358	44099	1.74%	0.118%
52	17.192	2393	2398	2405	rVB	1597151	2309098	91.14%	6.162%
53	17.351	2419	2425	2429	rBV9	19591	37267	1.47%	0.099%
54	17.474	2440	2446	2451	rVB9	19762	39083	1.54%	0.104%
55	18.003	2531	2536	2543	rBV2	406526	561622	22.17%	1.499%
56	18.274	2572	2582	2586	rBV4	126238	215778	8.52%	0.576%
57	18.327	2588	2591	2594	rVV5	26674	33641	1.33%	0.090%
58	18.392	2598	2602	2607	rBV	42455	57928	2.29%	0.155%
59	18.780	2663	2668	2672	rBV	56108	70460	2.78%	0.188%
60	19.109	2720	2724	2733	rBV2	68402	127750	5.04%	0.341%
61	19.286	2749	2754	2764	rBV	516376	698451	27.57%	1.864%
62	19.374	2767	2769	2776	rVB7	24636	42286	1.67%	0.113%
63	19.492	2783	2789	2796	rVB	1832057	2533699	100.00%	6.762%
64	20.056	2882	2885	2892	rVB9	13802	25814	1.02%	0.069%
65	20.362	2932	2937	2942	rBV8	34020	52651	2.08%	0.141%
66	20.433	2945	2949	2954	rBV8	33180	53762	2.12%	0.143%
67	20.574	2970	2973	2976	rBV4	24167	26808	1.06%	0.072%
68	21.003	3042	3046	3051	rBV2	243116	308323	12.17%	0.823%
69	21.280	3088	3093	3102	rBV	1952438	2429148	95.87%	6.483%
70	22.850	3358	3360	3366	rVB6	97807	123542	4.88%	0.330%
71	23.368	3441	3448	3454	rBV2	1349229	2477150	97.77%	6.611%

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72	23.509	3465	3472	3481	rBV	1233107	2271524	89.65%	6.062%
73	24.068	3563	3567	3574	rVB2	140472	268318	10.59%	0.716%

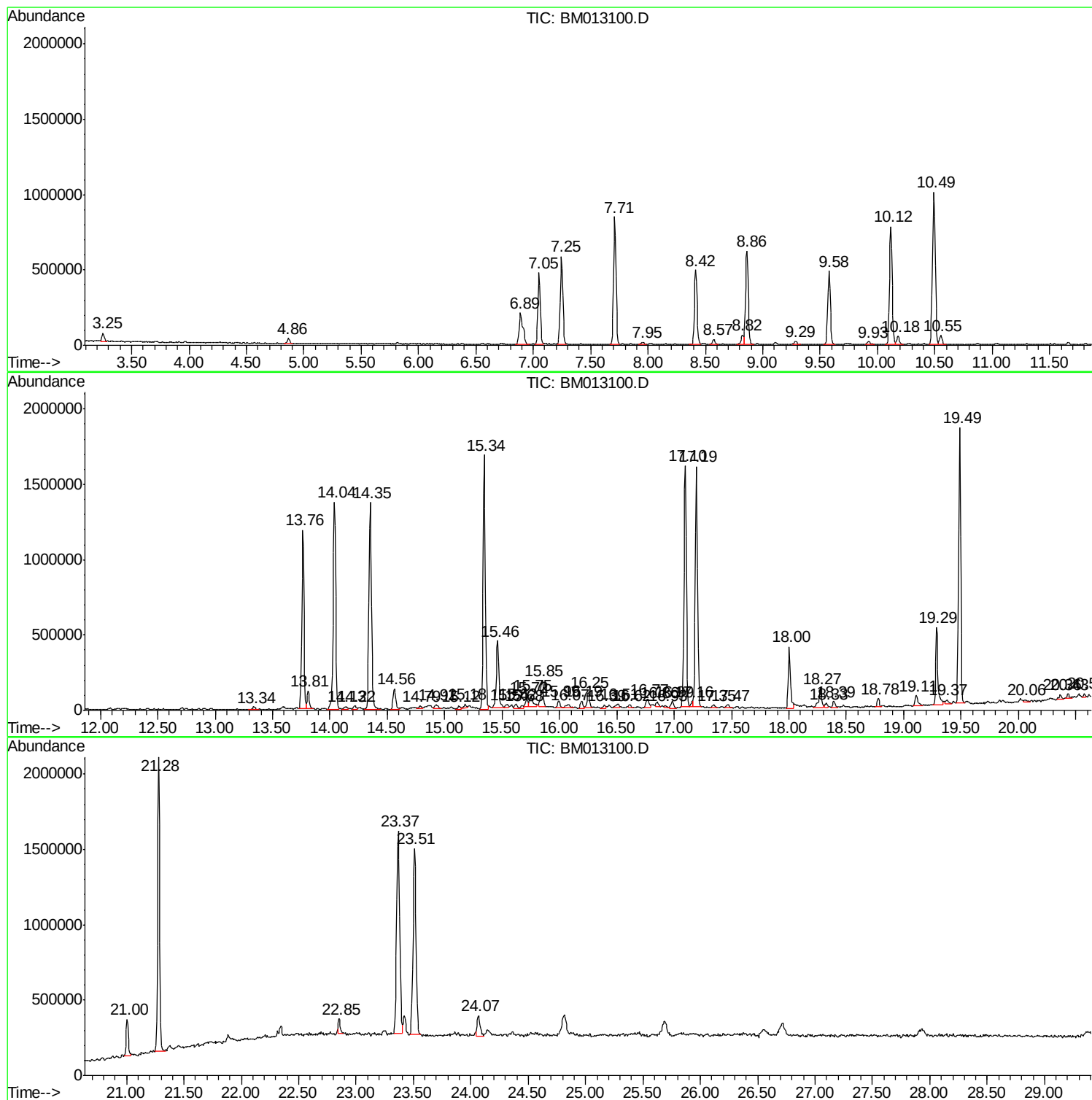
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



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Acq On : 22 Nov 2017 23:53
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Sample : I6514-11
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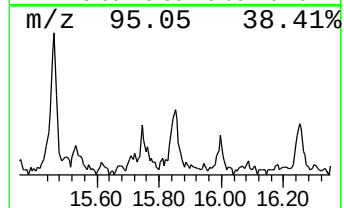
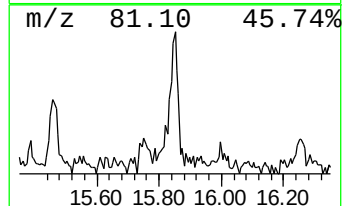
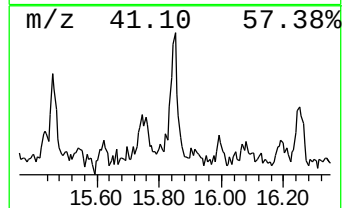
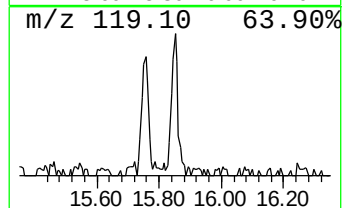
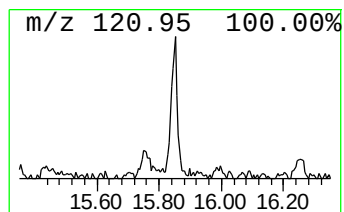
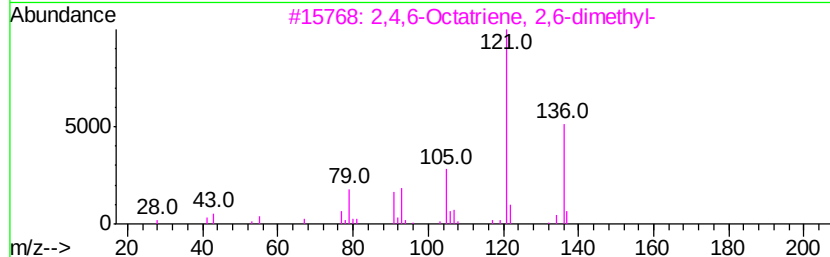
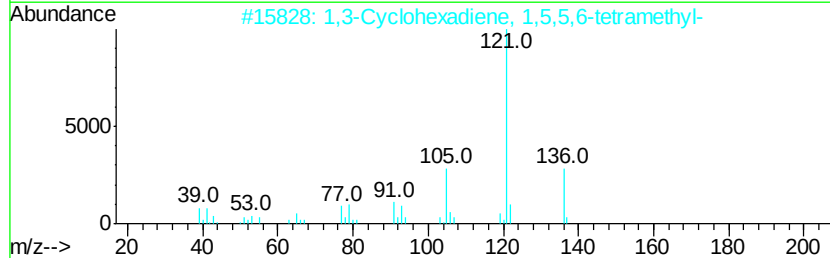
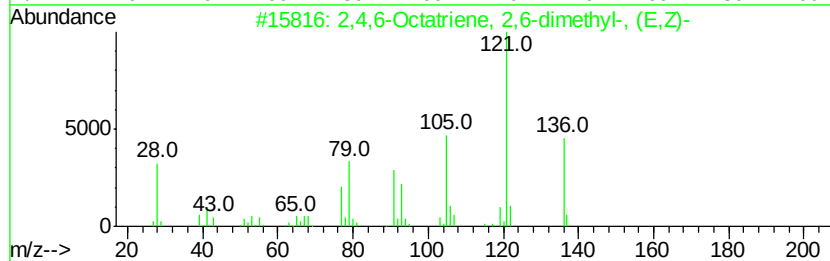
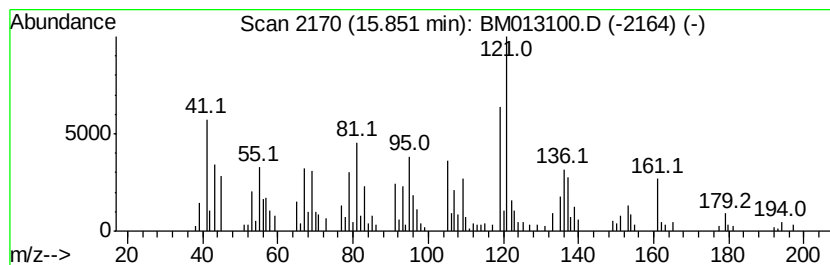
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.85	2.58 ng/ul	287915	Phenanthrene-d10	17.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Octatriene, 2,6-dimethyl-,...	136	C10H16	007216-56-0	42	
2	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	38	
3	2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	38	
4	(3-Methoxyphenyl) methanol, tert...	194	C12H18O2	1000374-59-3	30	
5	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	30	



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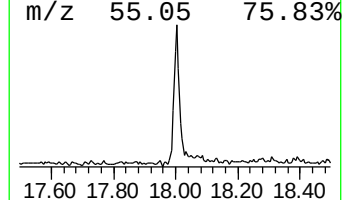
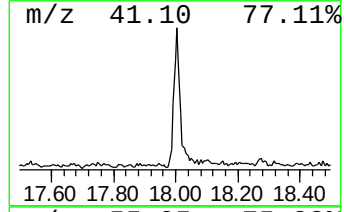
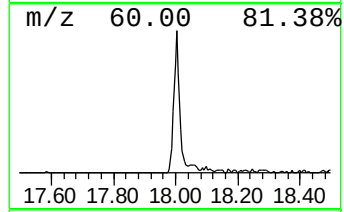
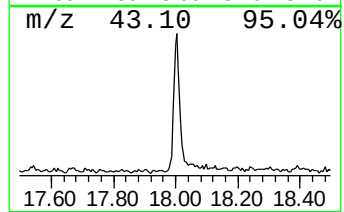
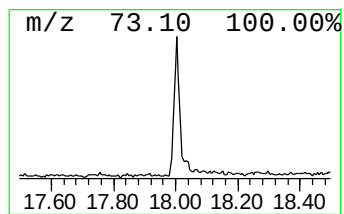
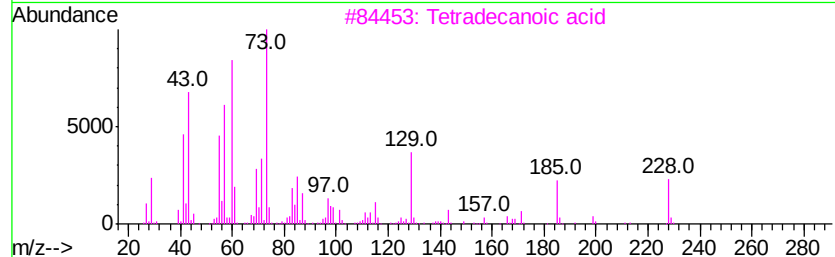
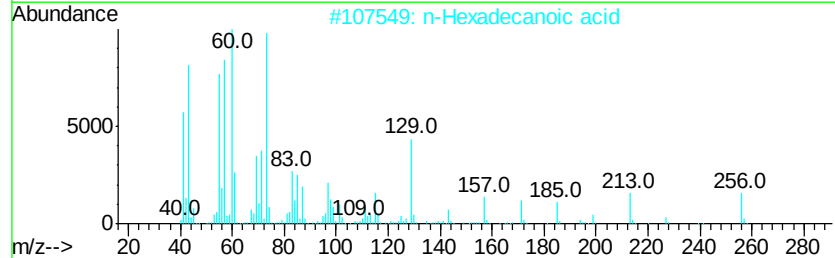
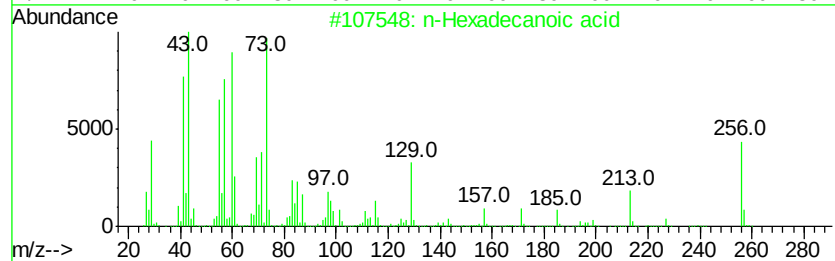
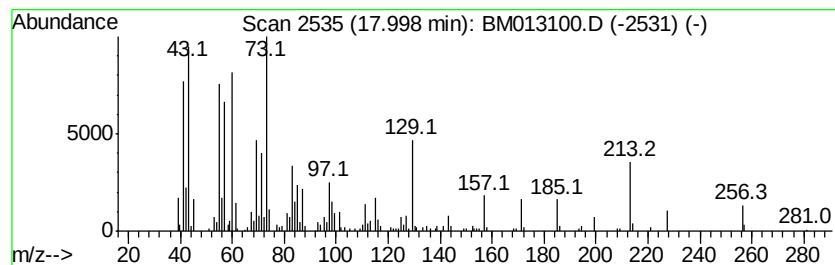
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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.
18.00	5.03 ng/ul	561622	Phenanthrene-d10	17.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81	



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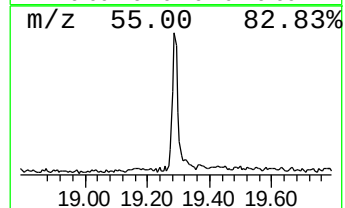
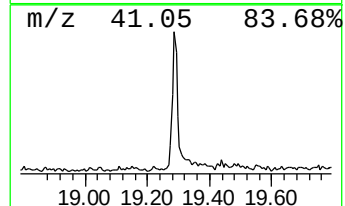
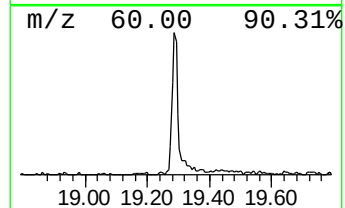
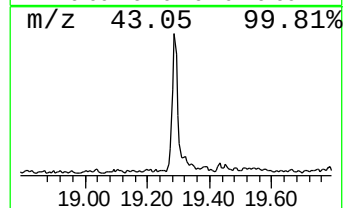
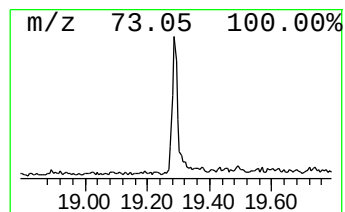
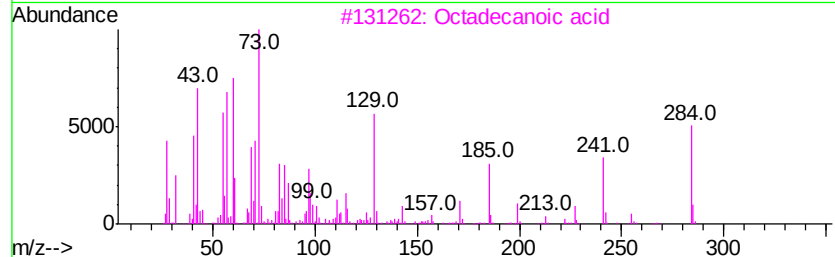
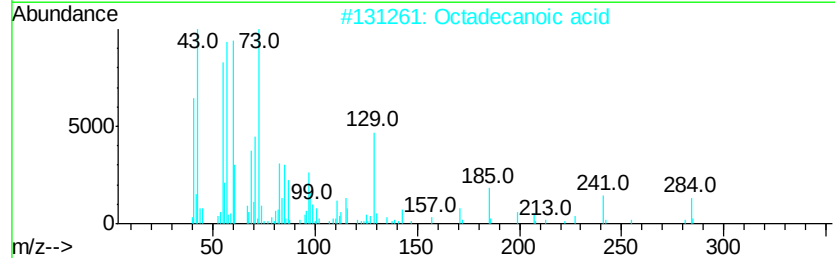
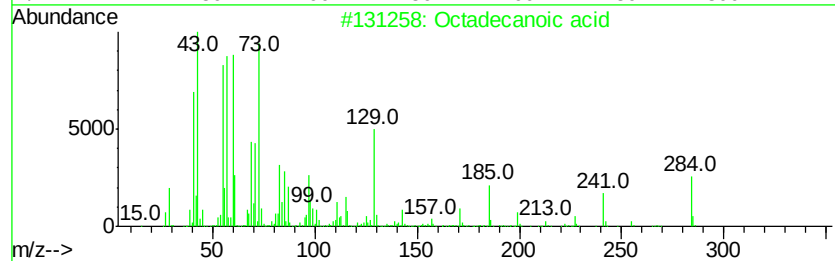
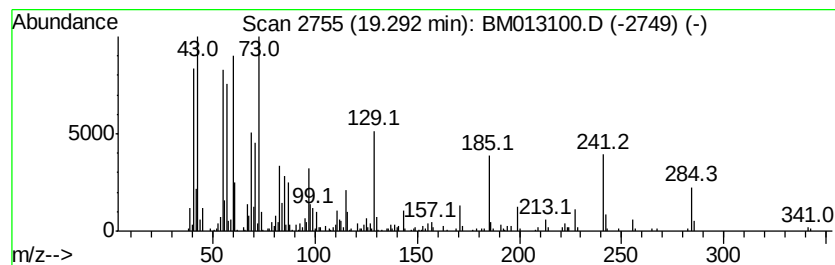
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Quant Title : SVOA CALIBRATION

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	5.75 ng/ul	698451	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		n-Decanoic acid	172	C10H20O2	000334-48-5	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



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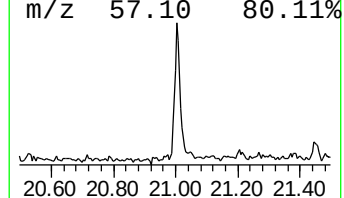
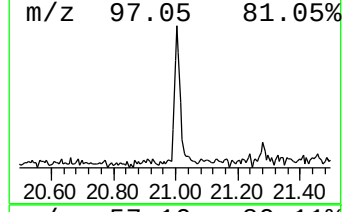
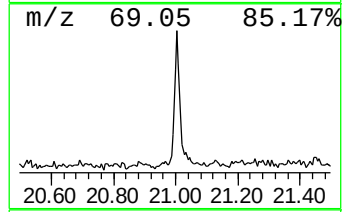
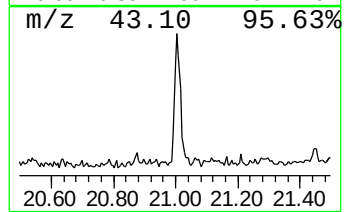
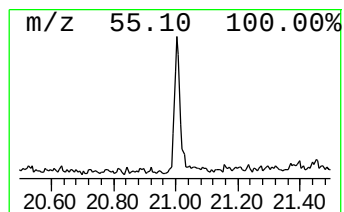
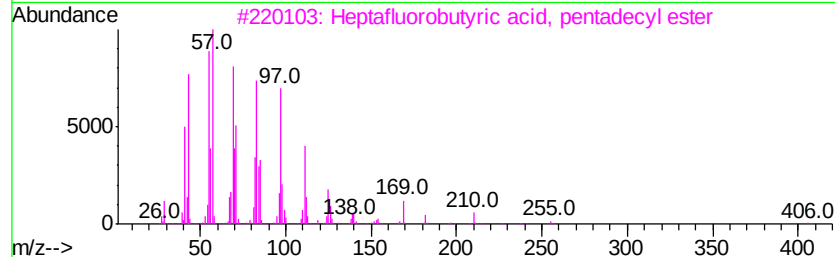
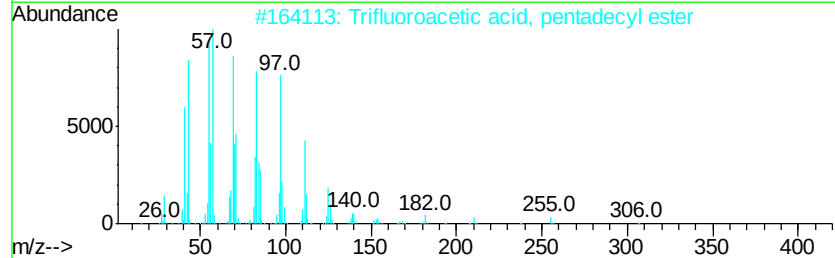
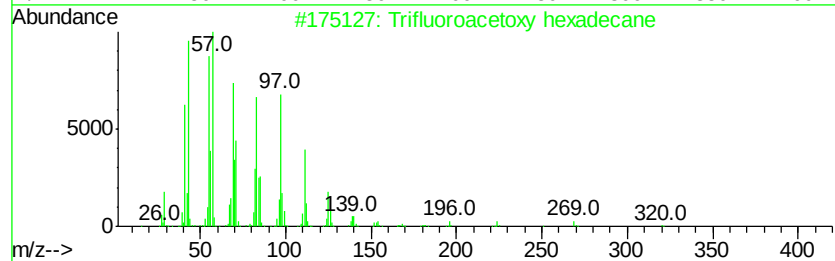
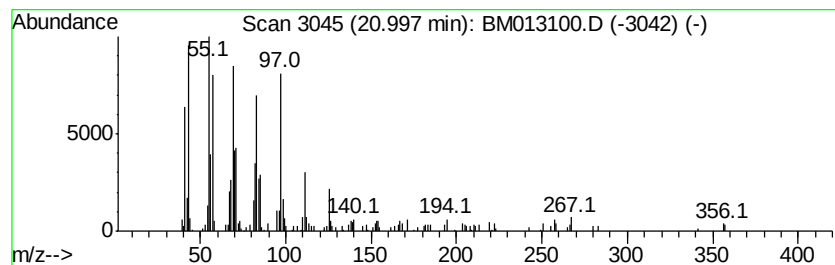
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.54 ng/ul	308323	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	94
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013100.D
Acq On : 22 Nov 2017 23:53
Operator : SJ/JU
Sample : I6514-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B94

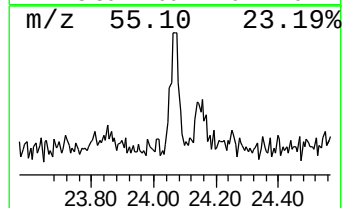
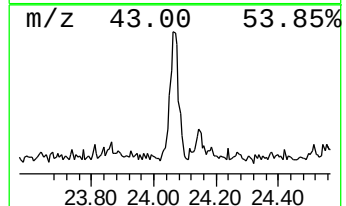
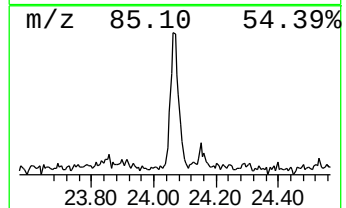
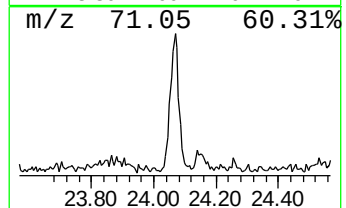
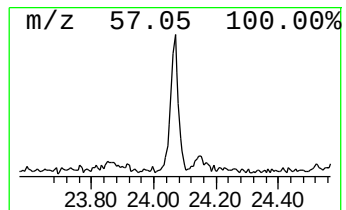
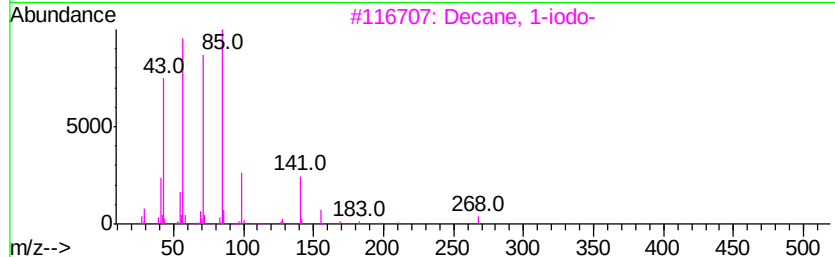
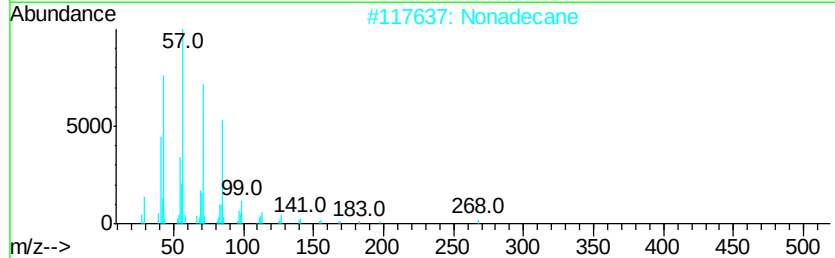
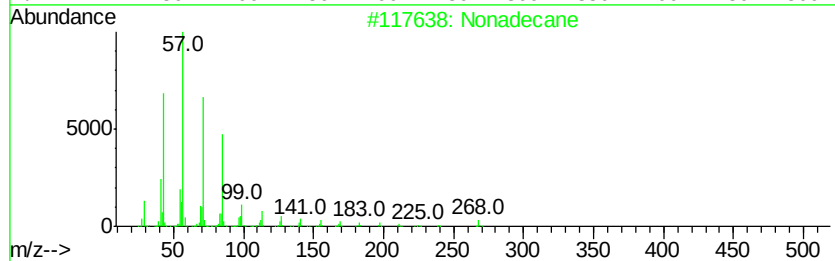
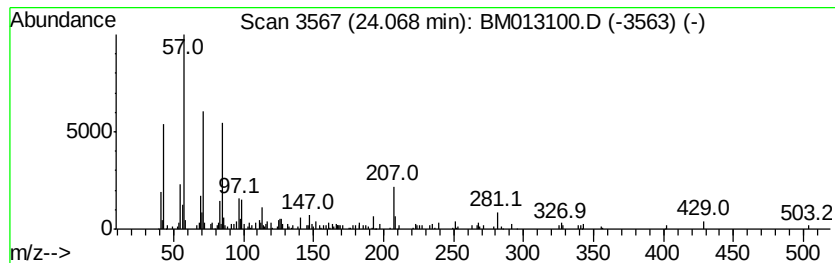
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Quant Title : SVOA CALIBRATION

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.
24.07	2.36 ng/ul	268318	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Nonadecane		268	C19H40	000629-92-5	64
3	Decane, 1-iodo-		268	C10H21I	002050-77-3	64
4	Heneicosane		296	C21H44	000629-94-7	53
5	Octadecane		254	C18H38	000593-45-3	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112217\
Data File : BM013100.D
Acq On : 22 Nov 2017 23:53
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	2.6	ng/ul	287915	4	17.10	2233850	20.0
n-Hexadecanoic acid	18.00	5.0	ng/ul	561622	4	17.10	2233850	20.0
Octadecanoic acid	19.29	5.8	ng/ul	698451	5	21.28	2429150	20.0
Trifluoroacetoxy ...	21.00	2.5	ng/ul	308323	5	21.28	2429150	20.0
(DEL) Alkane: Str...	24.07	2.4	ng/ul	268318	6	23.51	2271520	20.0