

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
 Data File : BM013099.D
 Acq On : 22 Nov 2017 23:17
 Operator : SJ/JU
 Sample : I6514-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B93

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	3.246	24	27	32	rBV	52620	69129	2.17%	0.164%
2	4.863	298	302	308	rVB2	27225	38459	1.21%	0.091%
3	6.887	639	646	658	rVB3	227592	492683	15.45%	1.166%
4	7.051	668	674	687	rVB	448802	697240	21.86%	1.650%
5	7.246	698	707	718	rVB	560965	889478	27.89%	2.105%
6	7.710	779	786	793	rBV	1008357	1580302	49.56%	3.739%
7	7.951	821	827	832	rBV3	49545	87689	2.75%	0.207%
8	8.416	899	906	912	rBV	551105	843519	26.45%	1.996%
9	8.475	912	916	923	rVV2	44642	76708	2.41%	0.182%
10	8.575	925	933	938	rVB4	46149	74023	2.32%	0.175%
11	8.822	966	975	977	rBV4	83322	139759	4.38%	0.331%
12	8.863	977	982	990	rVB	607751	1001561	31.41%	2.370%
13	9.110	1019	1024	1030	rBV6	26827	52281	1.64%	0.124%
14	9.581	1096	1104	1112	rBV	506947	838088	26.28%	1.983%
15	9.734	1123	1130	1139	rBV5	26710	63412	1.99%	0.150%
16	9.928	1155	1163	1169	rBV	87621	141390	4.43%	0.335%
17	10.116	1188	1195	1202	rBV	782483	1320129	41.40%	3.124%
18	10.181	1202	1206	1213	rVV3	84982	130075	4.08%	0.308%
19	10.492	1250	1259	1265	rBV	1378144	2262306	70.94%	5.353%
20	10.551	1265	1269	1278	rVB2	100215	166987	5.24%	0.395%
21	11.034	1346	1351	1357	rVB5	23106	37351	1.17%	0.088%
22	11.663	1451	1458	1463	rBV3	24309	41185	1.29%	0.097%
23	12.710	1631	1636	1639	rBV5	20548	32351	1.01%	0.077%
24	13.339	1739	1743	1747	rBV4	22097	36387	1.14%	0.086%
25	13.586	1782	1785	1792	rBV6	25656	45853	1.44%	0.108%
26	13.763	1810	1815	1820	rBV	1369680	1862912	58.42%	4.408%
27	13.810	1820	1823	1829	rVB	67180	94399	2.96%	0.223%
28	14.039	1849	1862	1869	rBV	1479809	2281214	71.53%	5.398%
29	14.139	1873	1879	1881	rBV5	28286	44961	1.41%	0.106%
30	14.216	1888	1892	1897	rBV4	75143	116441	3.65%	0.276%
31	14.351	1907	1915	1926	rBV2	1930722	2999315	94.05%	7.097%
32	14.563	1945	1951	1957	rBV2	163813	266858	8.37%	0.631%
33	14.704	1970	1975	1978	rBV4	19785	35258	1.11%	0.083%
34	14.792	1985	1990	1994	rBV7	21105	42986	1.35%	0.102%

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35	14.927	2009	2013	2021	rVB6	39608	83641	2.62%	0.198%
36	15.121	2041	2046	2050	rBV7	24846	44300	1.39%	0.105%
37	15.174	2052	2055	2059	rVV5	30887	57158	1.79%	0.135%
38	15.222	2059	2063	2070	rVB9	26910	55891	1.75%	0.132%
39	15.345	2078	2084	2095	rBV	1834172	2623844	82.28%	6.208%
40	15.463	2095	2104	2112	rVV	447505	709270	22.24%	1.678%
41	15.545	2113	2118	2121	rVV4	32145	60625	1.90%	0.143%
42	15.574	2121	2123	2127	rVV4	22266	33767	1.06%	0.080%
43	15.621	2127	2131	2137	rVV6	29898	46254	1.45%	0.109%
44	15.716	2143	2147	2149	rBV4	63393	96229	3.02%	0.228%
45	15.751	2149	2153	2157	rVB4	147309	214049	6.71%	0.506%
46	15.851	2162	2170	2178	rVB2	472496	826799	25.93%	1.956%
47	15.998	2189	2195	2201	rVB3	69008	116177	3.64%	0.275%
48	16.080	2201	2209	2217	rBV3	32302	85620	2.68%	0.203%
49	16.192	2223	2228	2233	rBV3	87590	133484	4.19%	0.316%
50	16.251	2233	2238	2244	rVV3	160493	244568	7.67%	0.579%
51	16.392	2258	2262	2266	rBV7	30549	55138	1.73%	0.130%
52	16.433	2266	2269	2275	rVV2	40867	65400	2.05%	0.155%
53	16.510	2275	2282	2290	rVB10	31775	82379	2.58%	0.195%
54	16.616	2290	2300	2305	rBV10	25760	57959	1.82%	0.137%
55	16.768	2318	2326	2329	rBV4	66942	117722	3.69%	0.279%
56	16.857	2336	2341	2346	rVB10	39391	67211	2.11%	0.159%
57	16.921	2349	2352	2358	rVB6	20175	36871	1.16%	0.087%
58	16.986	2358	2363	2369	rVB2	85736	128977	4.04%	0.305%
59	17.098	2369	2382	2388	rBV2	2154227	3188960	100.00%	7.546%
60	17.192	2388	2398	2406	rVB	1693951	2541643	79.70%	6.014%
61	18.004	2530	2536	2543	rBV	316505	455252	14.28%	1.077%
62	18.274	2578	2582	2586	rVB2	91551	117417	3.68%	0.278%
63	18.321	2586	2590	2595	rVB7	26384	40000	1.25%	0.095%
64	18.780	2664	2668	2671	rBV	52299	67931	2.13%	0.161%
65	19.109	2719	2724	2728	rBV2	73095	123752	3.88%	0.293%
66	19.286	2749	2754	2765	rBV	347898	503164	15.78%	1.191%
67	19.492	2783	2789	2795	rVB	1769857	2483547	77.88%	5.877%
68	20.433	2945	2949	2952	rBV5	29427	42434	1.33%	0.100%
69	20.527	2962	2965	2970	rBV7	26176	41722	1.31%	0.099%
70	21.003	3042	3046	3054	rBV3	288121	386855	12.13%	0.915%
71	21.280	3088	3093	3098	rBV	2299167	2788349	87.44%	6.598%

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72	22.203	3248	3250	3254	rVB5	80709	77551	2.43%	0.183%
73	23.368	3442	3448	3454	rBV2	1107914	1931520	60.57%	4.570%
74	23.509	3466	3472	3484	rVB	1336331	2526099	79.21%	5.977%

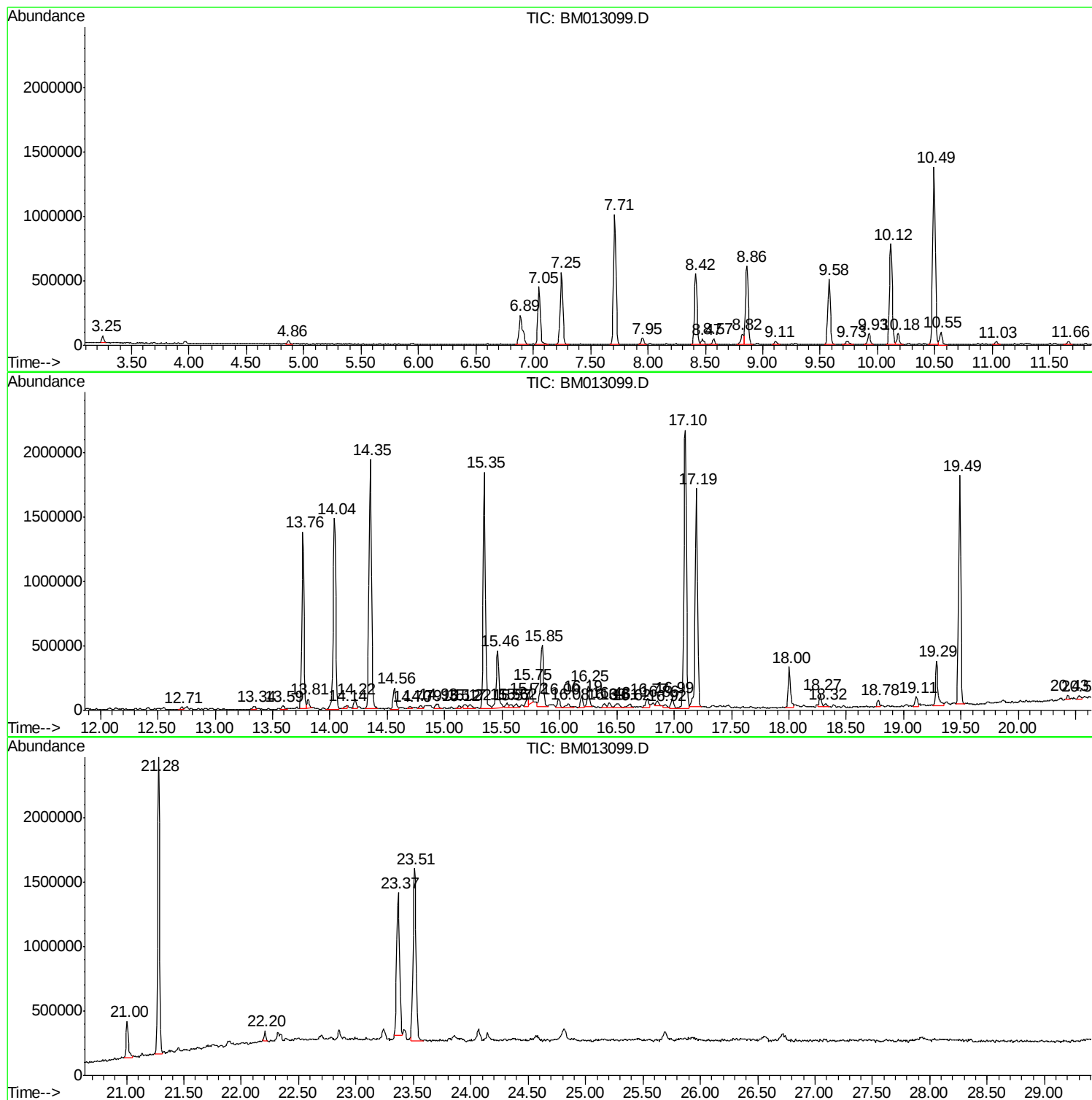
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



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Sample : I6514-10
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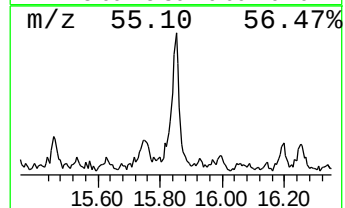
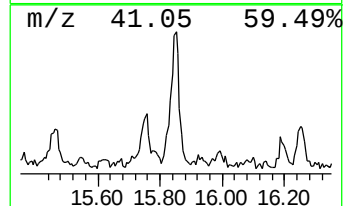
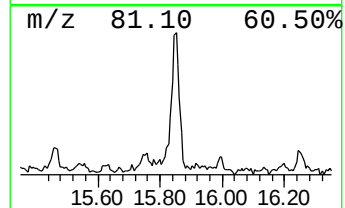
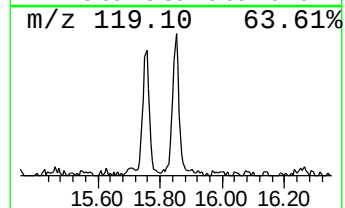
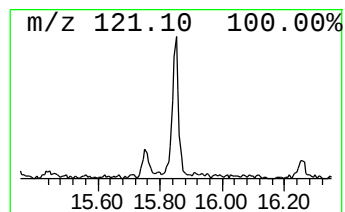
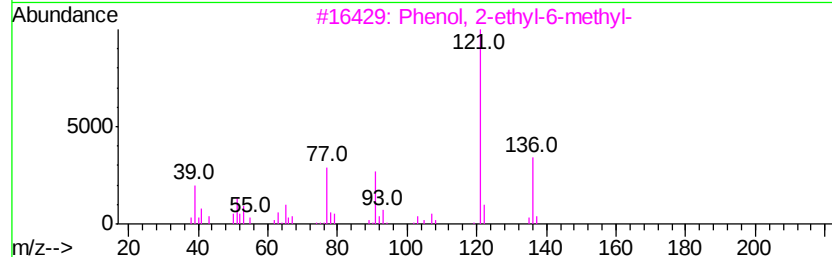
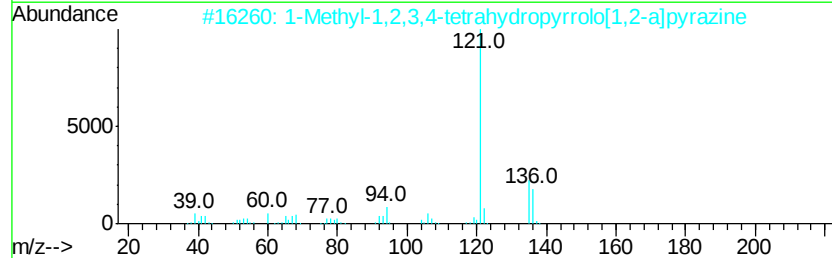
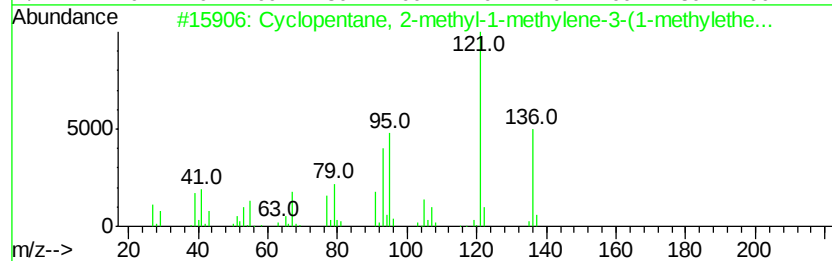
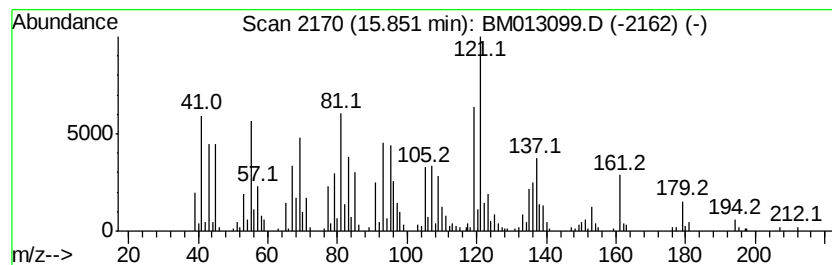
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.85	5.19 ng/ul	826799	Phenanthrene-d10	17.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclopentane, 2-methyl-1-methyle...	136	C10H16	056710-83-9	43
2		1-Methyl-1,2,3,4-tetrahydropyrro...	136	C8H12N2	1000305-37-9	30
3		Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	30
4		2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	30
5		Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	27



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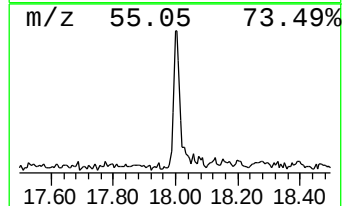
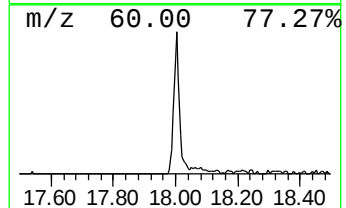
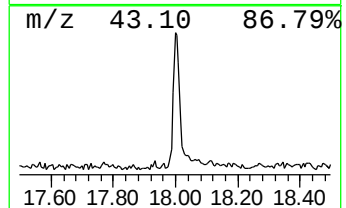
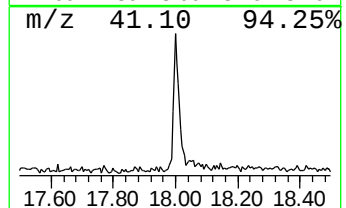
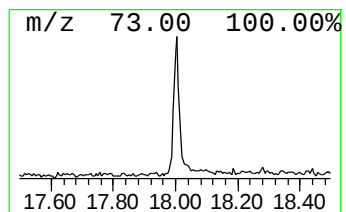
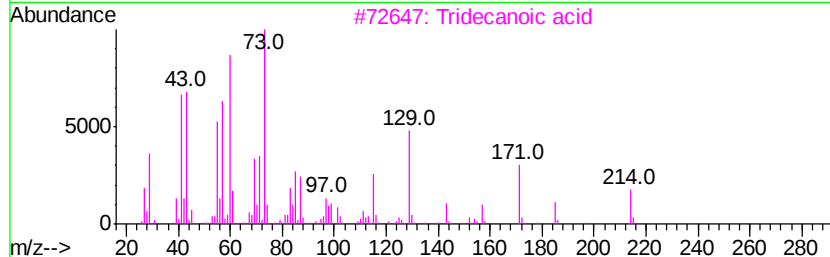
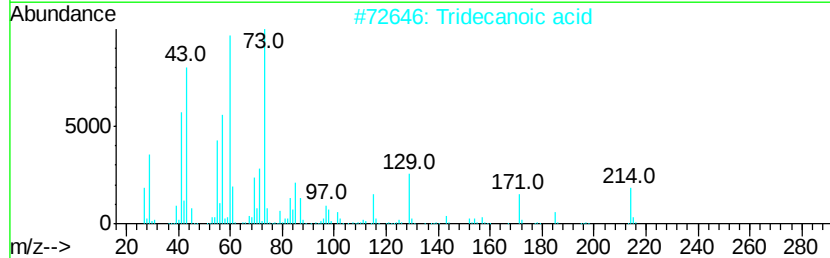
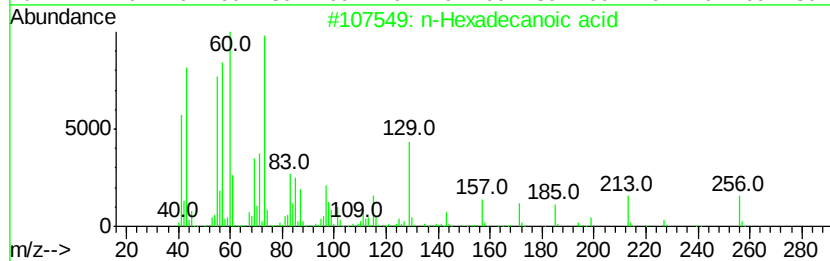
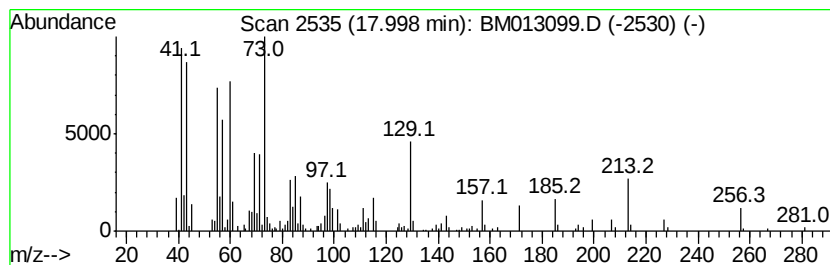
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.00	2.86 ng/ul	455252	Phenanthrene-d10	17.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Tridecanoic acid	214	C13H26O2	000638-53-9	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	68



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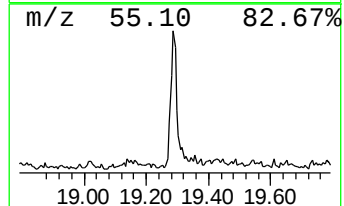
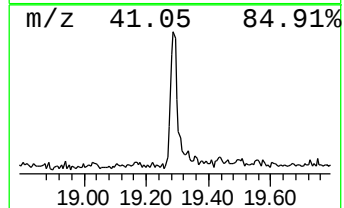
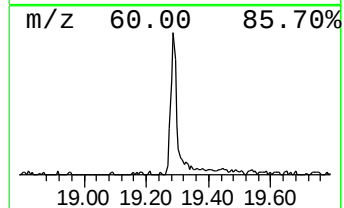
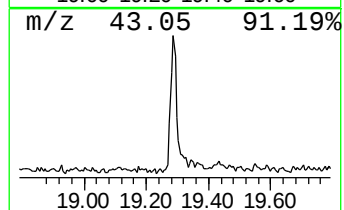
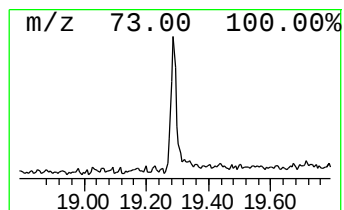
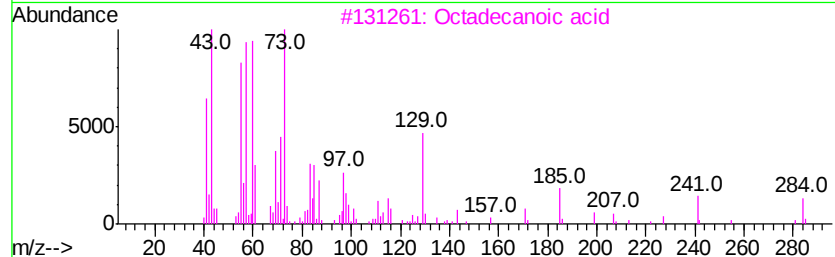
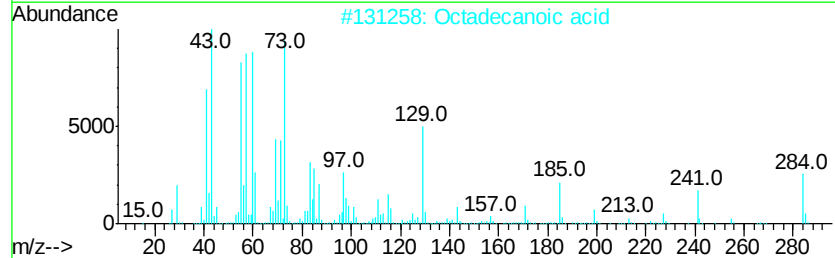
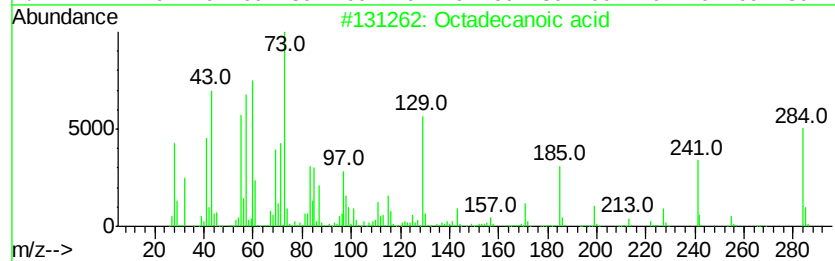
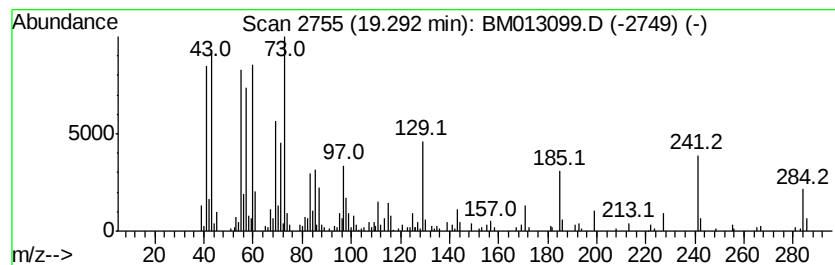
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.29	3.61 ng/ul	503164	Chrysene-d12		21.28	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	97
2	Octadecanoic acid		284	C18H36O2	000057-11-4	96
3	Octadecanoic acid		284	C18H36O2	000057-11-4	90
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	83
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	81



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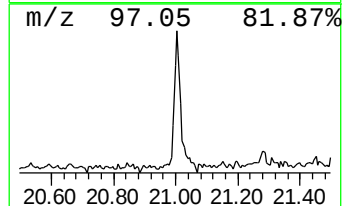
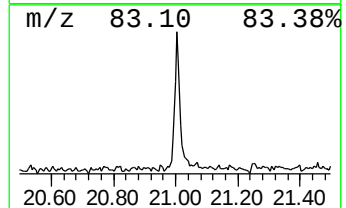
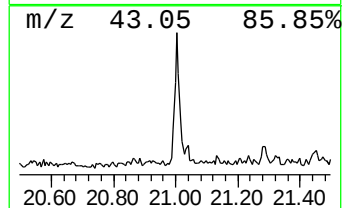
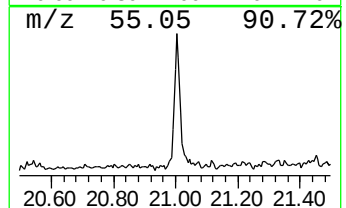
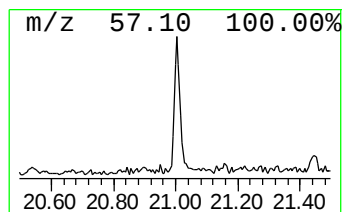
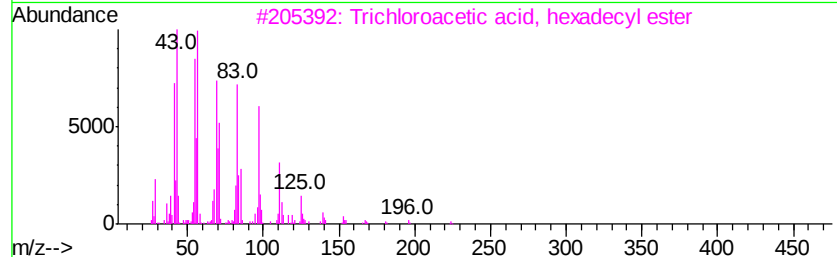
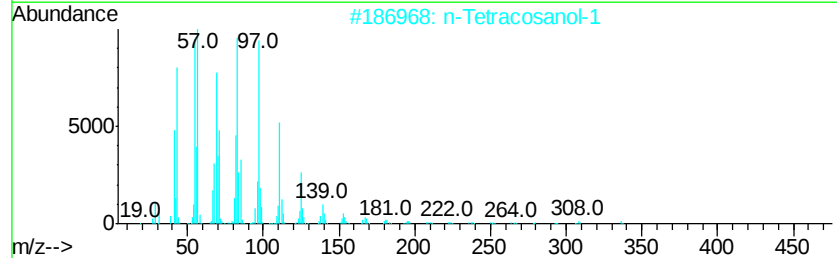
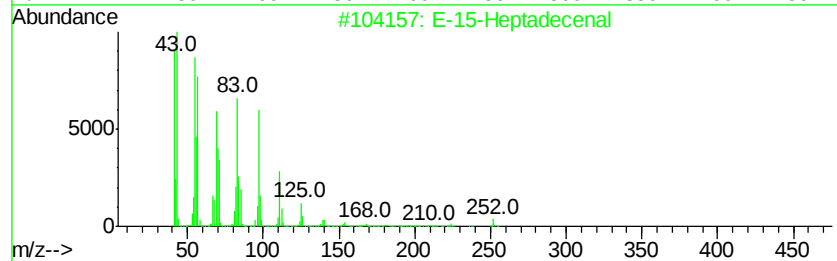
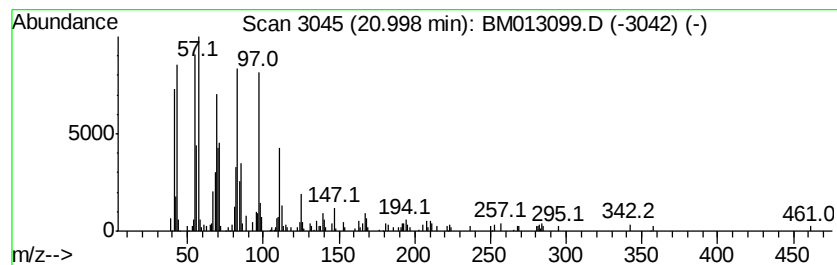
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 E-15-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.77 ng/ul	386855	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		3-Octadecene, (E)-	252	C18H36	007206-19-1	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112217\
Data File : BM013099.D
Acq On : 22 Nov 2017 23:17
Operator : SJ/JU
Sample : I6514-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B93

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	5.2	ng/ul	826799	4	17.10	3188960	20.0
n-Hexadecanoic acid	18.00	2.9	ng/ul	455252	4	17.10	3188960	20.0
Octadecanoic acid	19.29	3.6	ng/ul	503164	5	21.28	2788350	20.0
E-15-Heptadecenal	21.00	2.8	ng/ul	386855	5	21.28	2788350	20.0