

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
 Data File : BM019807.D
 Acq On : 08 Apr 2019 22:39
 Operator : JU/SJ
 Sample : K2254-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC68

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	3.116	19	22	32	rVB	45280	64034	2.71%	0.241%
2	3.528	88	92	95	rBV4	8710	11148	0.47%	0.042%
3	3.616	104	107	116	rVV	45051	65004	2.76%	0.245%
4	3.687	118	119	127	rVB6	7593	11765	0.50%	0.044%
5	4.716	290	294	299	rVB4	3356	5374	0.23%	0.020%
6	5.093	354	358	362	rBV4	6400	9638	0.41%	0.036%
7	5.222	376	380	387	rBV4	8661	19045	0.81%	0.072%
8	5.581	437	441	445	rVB4	5424	9217	0.39%	0.035%
9	6.093	525	528	533	rVB6	2559	4594	0.19%	0.017%
10	6.528	596	602	608	rBV3	5645	9880	0.42%	0.037%
11	6.640	617	621	626	rBV2	16851	26389	1.12%	0.099%
12	6.698	626	631	634	rBV4	6951	11285	0.48%	0.042%
13	6.751	634	640	654	rVV	224628	479265	20.32%	1.805%
14	6.916	662	668	688	rBV	215520	419025	17.76%	1.578%
15	7.093	692	698	705	rBV	334259	535252	22.69%	2.016%
16	7.192	710	715	723	rVB	48304	76794	3.26%	0.289%
17	7.492	761	766	771	rBV5	4184	5689	0.24%	0.021%
18	7.557	771	777	786	rBV	578199	945469	40.08%	3.560%
19	7.657	790	794	799	rVB	13189	22460	0.95%	0.085%
20	7.916	833	838	842	rBV2	3631	6639	0.28%	0.025%
21	8.087	863	867	877	rVB2	9584	17312	0.73%	0.065%
22	8.175	877	882	887	rBV3	20875	32784	1.39%	0.123%
23	8.281	894	900	915	rBV2	231197	484197	20.53%	1.823%
24	8.410	921	922	928	rVB4	4034	4603	0.20%	0.017%
25	8.481	928	934	939	rVV2	6978	13305	0.56%	0.050%
26	8.534	939	943	949	rVB	8525	12973	0.55%	0.049%
27	8.634	955	960	970	rBV	15423	28345	1.20%	0.107%
28	8.728	970	976	989	rBV	258620	496467	21.05%	1.869%
29	8.875	998	1001	1009	rVB5	5380	10913	0.46%	0.041%
30	8.963	1012	1016	1020	rVV	4287	6012	0.25%	0.023%
31	9.045	1024	1030	1035	rVB	13054	19802	0.84%	0.075%
32	9.157	1043	1049	1054	rBV	12995	19048	0.81%	0.072%
33	9.216	1054	1059	1066	rVB2	15840	25618	1.09%	0.096%
34	9.439	1088	1097	1109	rBV	211090	418215	17.73%	1.575%

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35	9.534	1111	1113	1116	rVV3	5442	6989	0.30%	0.026%
36	9.575	1116	1120	1130	rVB4	5443	12156	0.52%	0.046%
37	9.722	1141	1145	1154	rBV6	13220	28145	1.19%	0.106%
38	9.786	1154	1156	1160	rVB	5215	7637	0.32%	0.029%
39	9.981	1182	1189	1214	rBV	247081	595832	25.26%	2.244%
40	10.281	1236	1240	1242	rBV2	5217	6837	0.29%	0.026%
41	10.333	1242	1249	1256	rBV	788200	1299495	55.09%	4.893%
42	10.516	1274	1280	1301	rBV	138710	392164	16.63%	1.477%
43	11.322	1413	1417	1420	rBV2	4414	5589	0.24%	0.021%
44	11.739	1484	1488	1494	rVB4	8874	15335	0.65%	0.058%
45	11.945	1518	1523	1531	rVB6	4843	12277	0.52%	0.046%
46	12.022	1531	1536	1544	rBV2	12598	26681	1.13%	0.100%
47	12.233	1569	1572	1581	rVB2	6701	12425	0.53%	0.047%
48	12.510	1615	1619	1621	rBV2	4478	6032	0.26%	0.023%
49	12.710	1649	1653	1657	rVB3	5619	8314	0.35%	0.031%
50	12.810	1667	1670	1675	rVB3	9282	13566	0.58%	0.051%
51	13.010	1698	1704	1710	rBV	12241	19845	0.84%	0.075%
52	13.533	1789	1793	1798	rVB5	5044	8465	0.36%	0.032%
53	13.586	1798	1802	1806	rBV4	5466	10096	0.43%	0.038%
54	13.639	1806	1811	1816	rVV	622449	877176	37.19%	3.303%
55	13.686	1816	1819	1829	rVB	134759	213626	9.06%	0.804%
56	13.792	1834	1837	1842	rVB4	3328	4545	0.19%	0.017%
57	13.910	1851	1857	1872	rVB	716390	1051216	44.57%	3.958%
58	14.010	1872	1874	1881	rVB6	5785	10332	0.44%	0.039%
59	14.098	1884	1889	1894	rBV2	19023	28468	1.21%	0.107%
60	14.169	1896	1901	1903	rBV5	3008	4972	0.21%	0.019%
61	14.221	1903	1910	1920	rVV2	1007846	1612455	68.36%	6.072%
62	14.439	1943	1947	1953	rVB2	9157	13207	0.56%	0.050%
63	14.510	1953	1959	1972	rBV2	56483	207574	8.80%	0.782%
64	14.598	1972	1974	1978	rVV4	13729	17705	0.75%	0.067%
65	14.651	1978	1983	1988	rVV	69384	99941	4.24%	0.376%
66	14.839	2013	2015	2020	rBV6	2847	4513	0.19%	0.017%
67	14.986	2036	2040	2048	rBV7	6663	14534	0.62%	0.055%
68	15.057	2048	2052	2056	rBV2	28207	34937	1.48%	0.132%
69	15.221	2074	2080	2087	rBV	899196	1349978	57.23%	5.083%
70	15.292	2089	2092	2095	rVB4	11626	15991	0.68%	0.060%
71	15.380	2102	2107	2115	rBV	132001	231773	9.83%	0.873%

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72	15.463	2117	2121	2125	rVV3	30006	53551	2.27%	0.202%
73	15.510	2125	2129	2133	rVV7	10403	20083	0.85%	0.076%
74	15.563	2133	2138	2143	rVB7	4902	11385	0.48%	0.043%
75	15.674	2155	2157	2162	rVB6	7008	9534	0.40%	0.036%
76	15.768	2171	2173	2174	rBV2	5688	4538	0.19%	0.017%
77	15.939	2196	2202	2206	rBV4	51496	114673	4.86%	0.432%
78	16.274	2253	2259	2260	rBV5	8769	16806	0.71%	0.063%
79	16.327	2266	2268	2272	rVB4	10368	11580	0.49%	0.044%
80	16.386	2274	2278	2282	rBV6	14616	26917	1.14%	0.101%
81	16.504	2296	2298	2300	rBV3	7978	9735	0.41%	0.037%
82	16.715	2330	2334	2337	rBV	45979	67719	2.87%	0.255%
83	16.745	2337	2339	2341	rVV2	18031	22885	0.97%	0.086%
84	16.857	2354	2358	2362	rBV5	19189	30219	1.28%	0.114%
85	16.980	2372	2379	2385	rBV	1255116	1790026	75.89%	6.740%
86	17.080	2390	2396	2404	rVV	962535	1356167	57.50%	5.107%
87	17.374	2443	2446	2451	rBV7	15620	20752	0.88%	0.078%
88	17.457	2457	2460	2465	rVB2	45605	54602	2.31%	0.206%
89	17.868	2526	2530	2540	rBV	212150	381088	16.16%	1.435%
90	18.151	2575	2578	2583	rBV	55404	73250	3.11%	0.276%
91	18.798	2684	2688	2691	rBV2	68729	96931	4.11%	0.365%
92	19.168	2747	2751	2757	rBV2	124186	234950	9.96%	0.885%
93	19.392	2784	2789	2793	rBV	1049650	1499140	63.56%	5.645%
94	19.727	2842	2846	2849	rBV	225830	273087	11.58%	1.028%
95	19.762	2849	2852	2859	rVB	403747	483866	20.51%	1.822%
96	20.892	3041	3044	3057	rVB2	427522	741372	31.43%	2.792%
97	21.092	3076	3078	3083	rVB	337794	367942	15.60%	1.386%
98	21.192	3091	3095	3100	rVB	1634357	1998639	84.73%	7.526%
99	23.250	3441	3445	3452	rVB2	992426	1818021	77.08%	6.846%
100	23.391	3464	3469	3478	rVB	1256366	2358713	100.00%	8.882%

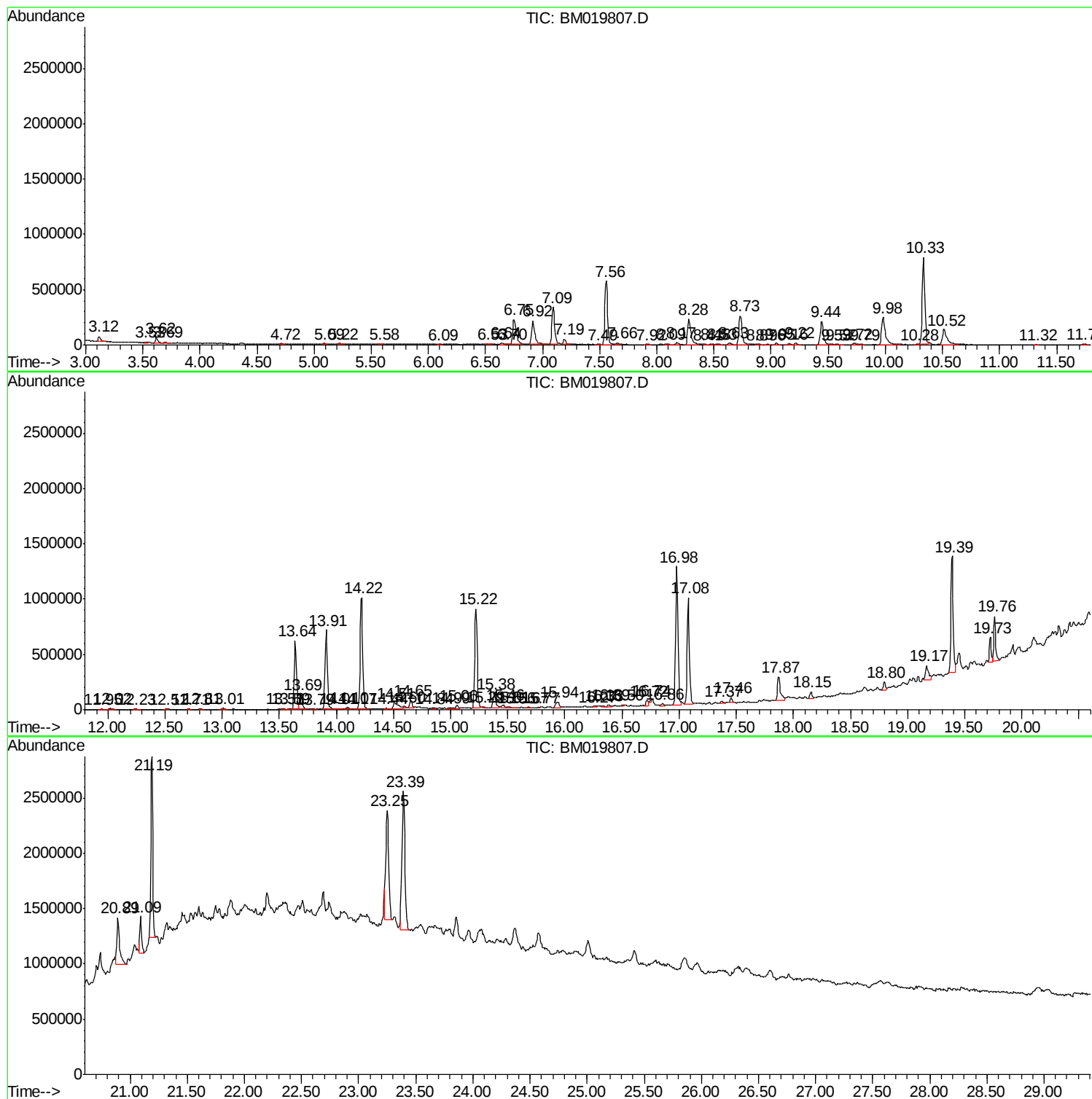
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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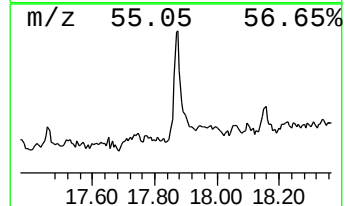
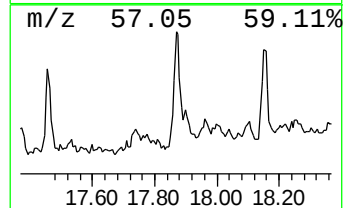
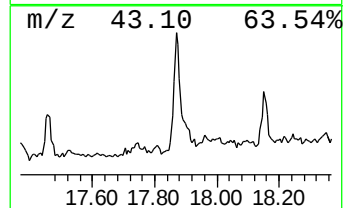
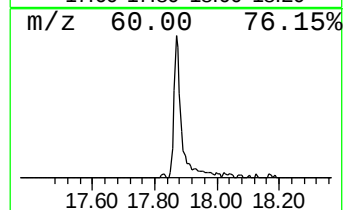
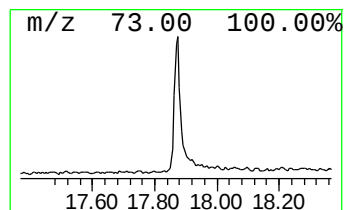
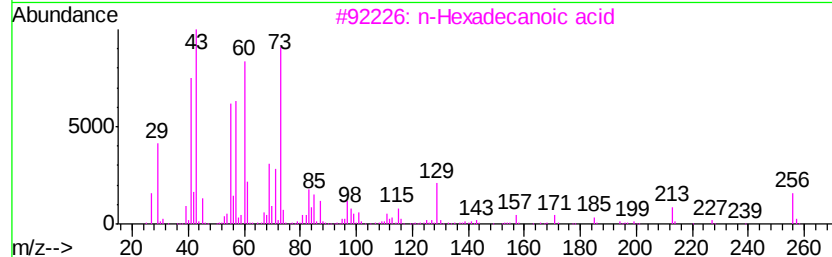
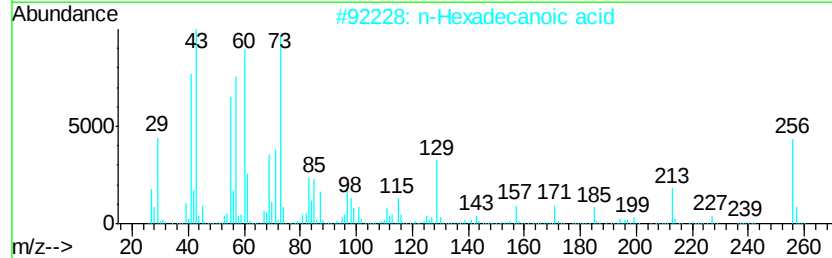
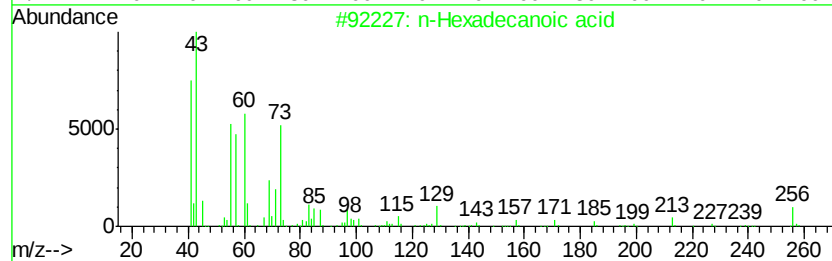
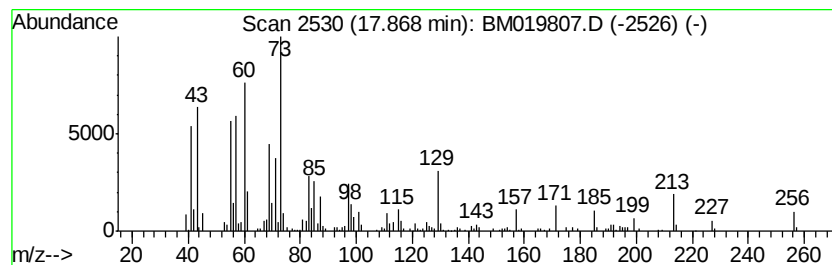
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	4.26 ng/ul	381088	Phenanthrene-d10		16.98	
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	97	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87	



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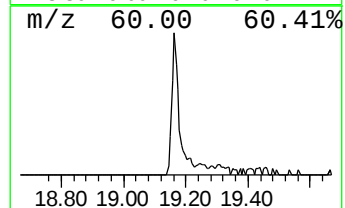
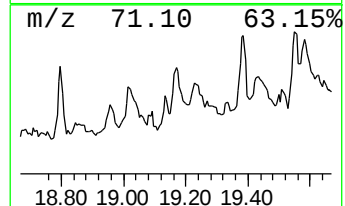
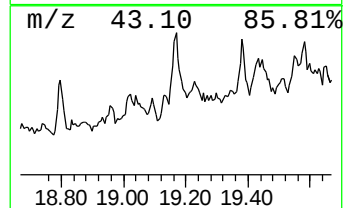
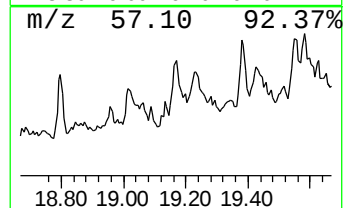
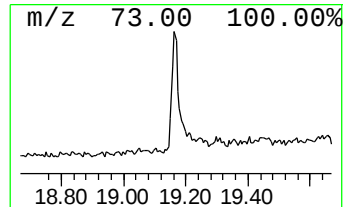
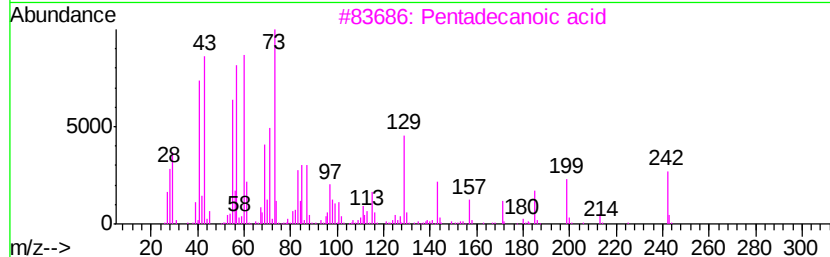
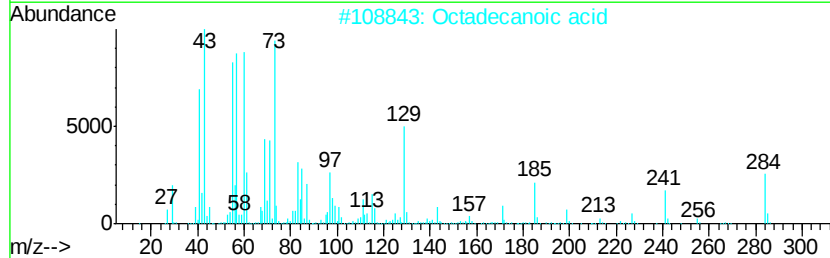
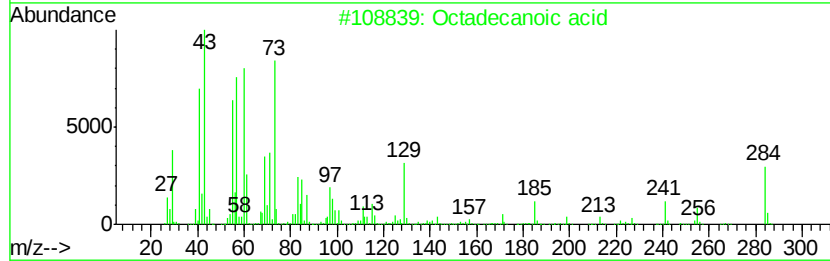
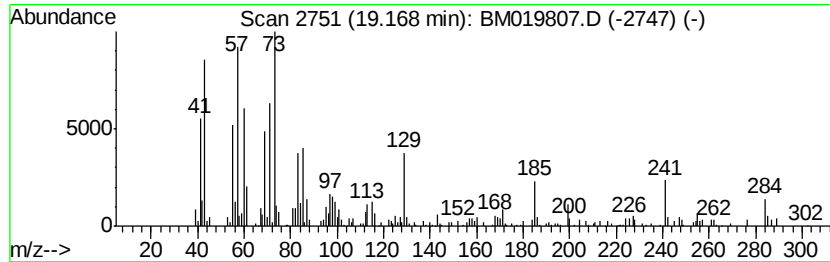
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.17	2.35 ng/ul	234950	Chrysene-d12		21.19
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	83
2	Octadecanoic acid	284	C18H36O2	000057-11-4	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	Octadecanoic acid	284	C18H36O2	000057-11-4	49
5	Octadecane	254	C18H38	000593-45-3	38



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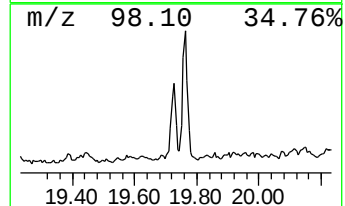
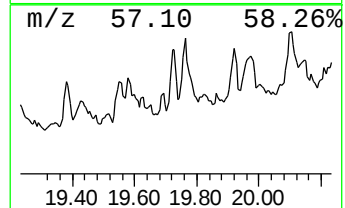
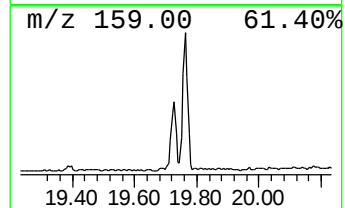
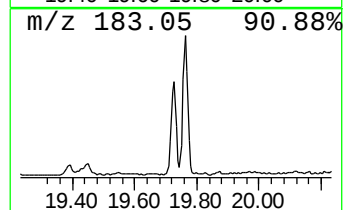
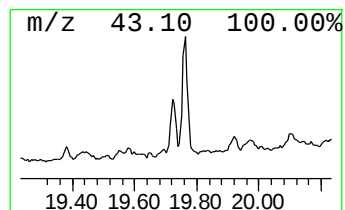
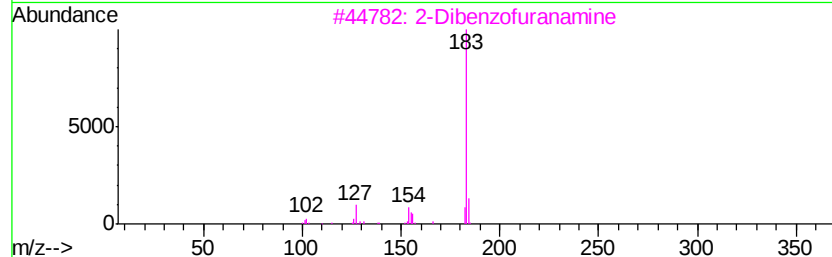
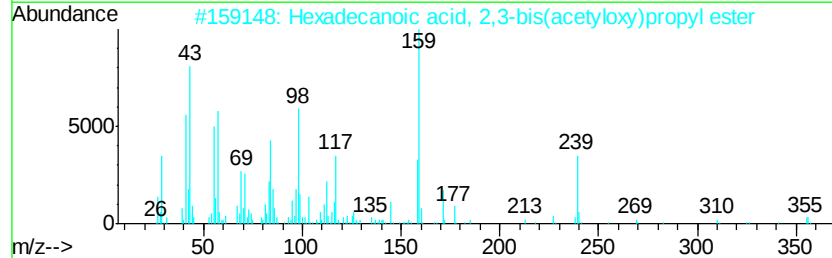
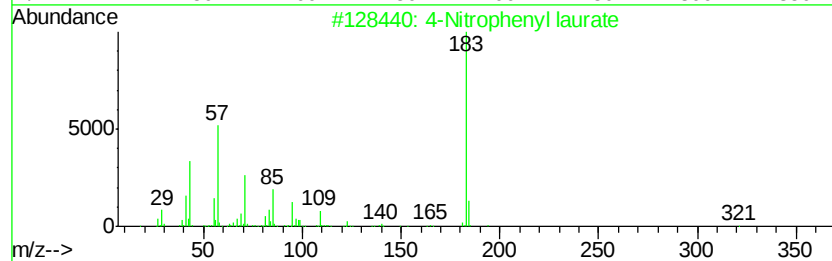
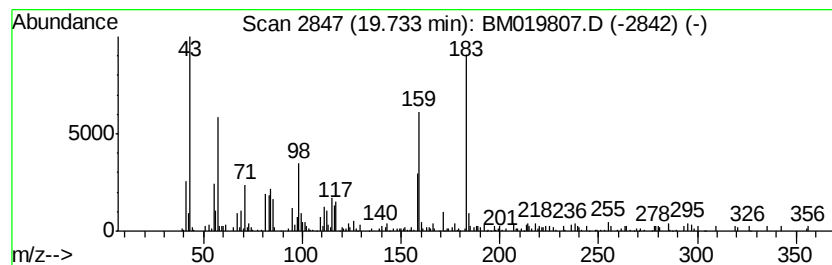
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	2.73 ng/ul	273087	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	38
2		Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	32
3		2-Dibenzofuranamine	183	C12H9NO	003693-22-9	32
4		Dodecanoic acid, ethenyl ester	226	C14H26O2	002146-71-6	25
5		Pyrido[2,3-b]indole, 6-amino-	183	C11H9N3	006453-26-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019807.D
Acq On : 08 Apr 2019 22:39
Operator : JU/SJ
Sample : K2254-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC68

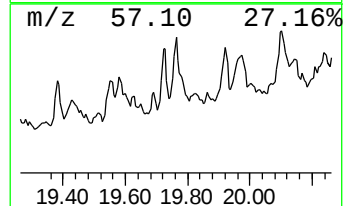
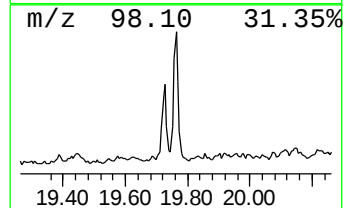
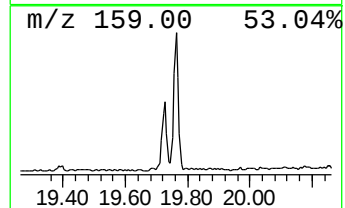
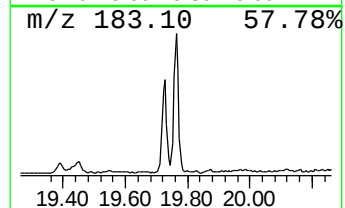
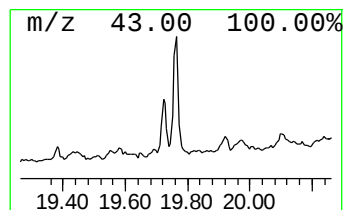
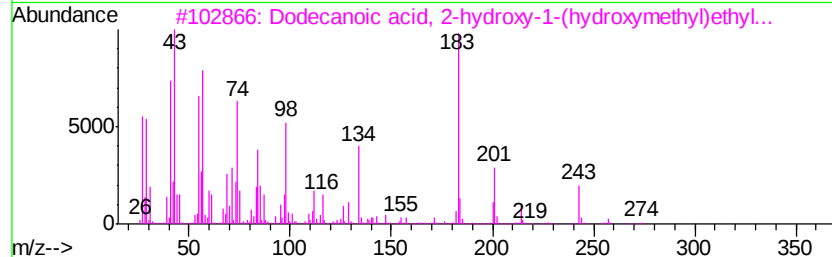
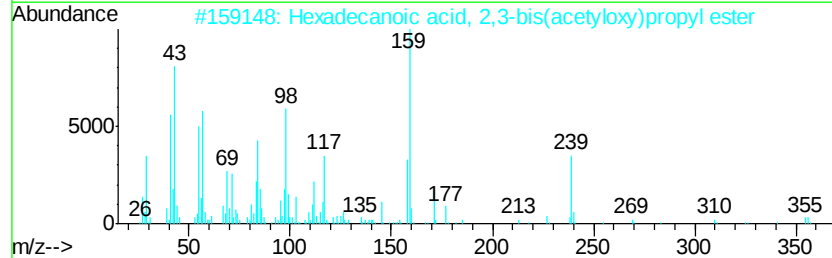
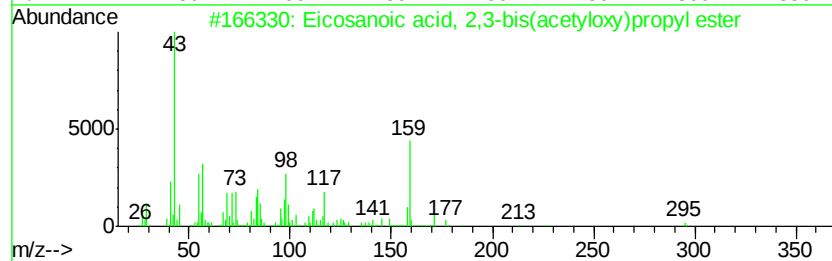
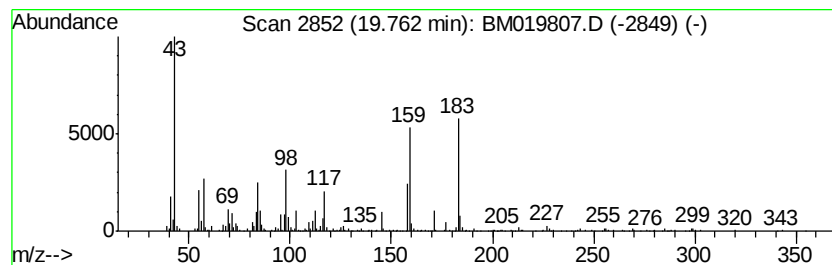
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	4.84 ng/ul	483866	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	47
2		Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	46
3		Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	25
4		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	25
5		8-Quinolinol, 7-methyl-	159	C10H9NO	005541-68-4	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
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Sample : K2254-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC68

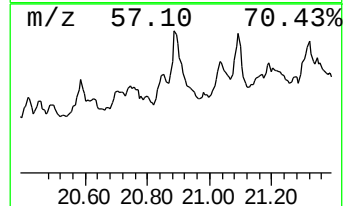
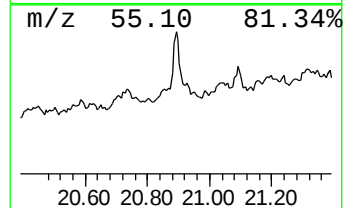
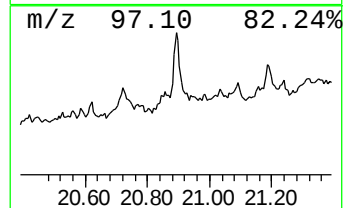
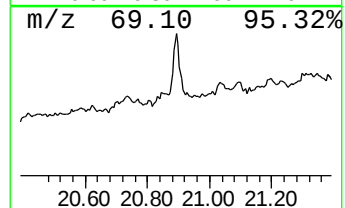
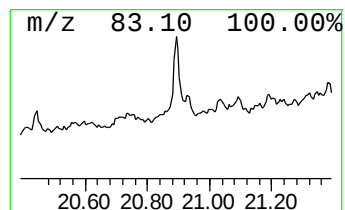
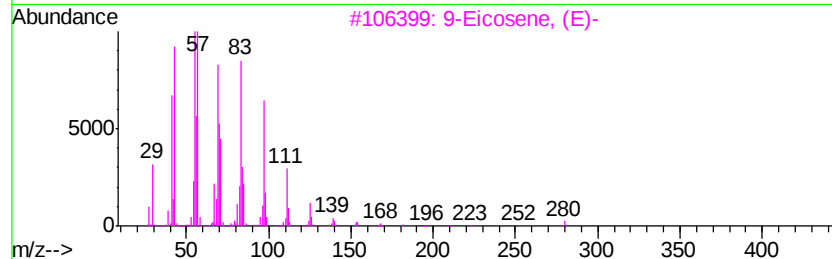
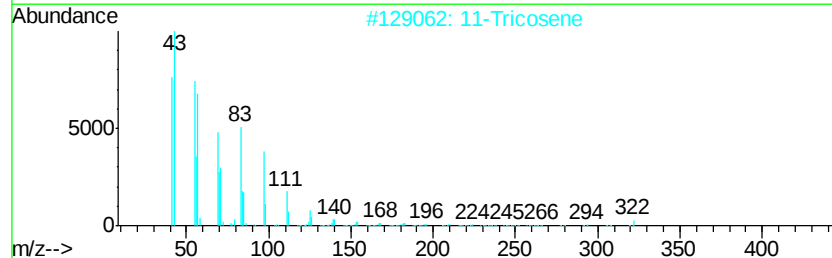
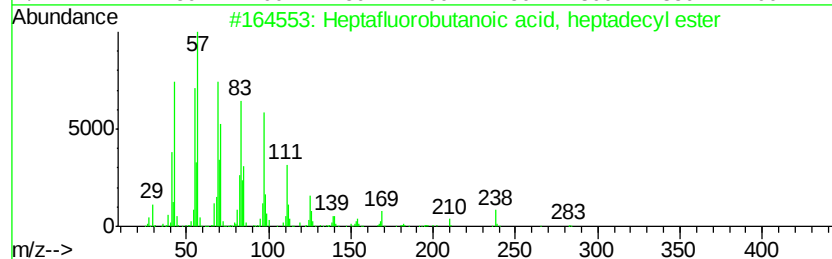
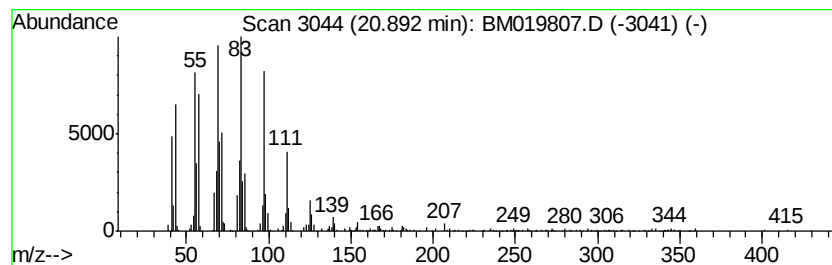
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptafluorobutanoic acid, h... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	7.42 ng/ul	741372	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
2		11-Tricosene	322	C23H46	052078-56-5	91
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	90



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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	4.3	ng/ul	381088	4	16.98	1790030	20.0
Octadecanoic acid	19.17	2.4	ng/ul	234950	5	21.19	1998640	20.0
unknown-01	19.73	2.7	ng/ul	273087	5	21.19	1998640	20.0
unknown-02	19.76	4.8	ng/ul	483866	5	21.19	1998640	20.0
Heptafluorobutano...	20.89	7.4	ng/ul	741372	5	21.19	1998640	20.0