

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030844.D
 Acq On : 07 Jul 2021 06:40
 Operator : CG/JU
 Sample : M2854-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Title : SVOA CALIBRATION

Signal : TIC: BM030844.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.263	26	30	39	rVB	16684	26434	1.03%	0.115%
2	3.693	100	103	113	rVV	59361	129659	5.06%	0.563%
3	3.769	113	116	125	rVB2	21109	36918	1.44%	0.160%
4	3.981	149	152	156	rVB2	10246	12703	0.50%	0.055%
5	6.757	620	624	630	rVB3	4965	7673	0.30%	0.033%
6	6.934	647	654	667	rBV	228519	396050	15.45%	1.720%
7	7.098	675	682	695	rBV	199138	330637	12.90%	1.436%
8	7.298	708	716	727	rVV	256456	423846	16.53%	1.841%
9	7.763	786	795	803	rBV	387887	630456	24.59%	2.739%
10	7.828	803	806	812	rVV2	10181	16507	0.64%	0.072%
11	7.986	826	833	842	rBV2	12607	22588	0.88%	0.098%
12	8.298	881	886	890	rBV	7575	12081	0.47%	0.052%
13	8.463	903	914	922	rBV	271639	463357	18.08%	2.013%
14	8.916	985	991	1000	rBV	225317	392246	15.30%	1.704%
15	9.633	1107	1113	1128	rBV	177473	310945	12.13%	1.351%
16	10.169	1198	1204	1220	rBV	239392	458269	17.88%	1.991%
17	10.375	1234	1239	1253	rBV4	9465	28784	1.12%	0.125%
18	10.545	1260	1268	1275	rBV	517599	873818	34.09%	3.796%
19	10.592	1275	1276	1284	rVB	13291	15688	0.61%	0.068%
20	10.692	1284	1293	1311	rBV	192880	393133	15.34%	1.708%
21	12.139	1534	1539	1548	rVB4	3764	7119	0.28%	0.031%
22	13.216	1717	1722	1731	rVB5	4910	9501	0.37%	0.041%
23	13.804	1816	1822	1832	rVV	507195	731160	28.52%	3.176%
24	14.086	1861	1870	1883	rBV	538249	825191	32.19%	3.585%
25	14.292	1899	1905	1911	rBV4	5483	8875	0.35%	0.039%
26	14.392	1915	1922	1930	rBV	763917	1107906	43.22%	4.813%
27	14.451	1930	1932	1939	rVB3	5564	9546	0.37%	0.041%
28	14.610	1953	1959	1972	rBV	66625	182160	7.11%	0.791%
29	14.792	1987	1990	1993	rBV2	5989	8407	0.33%	0.037%
30	15.239	2064	2066	2075	rVB4	5875	10314	0.40%	0.045%
31	15.386	2084	2091	2097	rBV	725077	1056584	41.22%	4.590%
32	15.439	2097	2100	2106	rVB2	14198	21209	0.83%	0.092%
33	15.515	2107	2113	2122	rBV	126611	208160	8.12%	0.904%
34	15.627	2129	2132	2139	rVB6	8079	15663	0.61%	0.068%
35	15.739	2146	2151	2158	rBV3	6315	11583	0.45%	0.050%
36	15.804	2158	2162	2166	rVB3	5948	7643	0.30%	0.033%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
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37	15.880	2168	2175	2182	rVB4	5723	13569	0.53%	0.059%
38	16.115	2209	2215	2220	rBV7	8546	19040	0.74%	0.083%
39	16.162	2220	2223	2228	rVB3	7102	8938	0.35%	0.039%
40	16.280	2240	2243	2247	rVB5	5466	6604	0.26%	0.029%

41	16.362	2253	2257	2263	rBV3	6629	9829	0.38%	0.043%
42	16.439	2263	2270	2276	rBV8	8896	18380	0.72%	0.080%
43	16.521	2281	2284	2290	rVB5	8514	13613	0.53%	0.059%
44	16.586	2292	2295	2302	rVB4	8138	13032	0.51%	0.057%
45	16.668	2304	2309	2313	rBV5	14345	21275	0.83%	0.092%

46	16.709	2313	2316	2320	rBV3	5655	7506	0.29%	0.033%
47	16.798	2327	2331	2337	rVB4	7055	10104	0.39%	0.044%
48	16.886	2337	2346	2351	rBV5	20024	54362	2.12%	0.236%
49	16.951	2354	2357	2363	rVB4	7017	11453	0.45%	0.050%
50	17.133	2381	2388	2392	rBV	805272	1171630	45.71%	5.090%

51	17.174	2392	2395	2399	rVV	122679	177461	6.92%	0.771%
52	17.227	2399	2404	2415	rVV2	700186	1130414	44.10%	4.910%
53	17.321	2416	2420	2426	rVV5	12294	28763	1.12%	0.125%
54	17.568	2459	2462	2469	rVV5	10058	21209	0.83%	0.092%
55	17.621	2469	2471	2474	rVV4	7649	10740	0.42%	0.047%

56	17.651	2474	2476	2483	rVB3	8512	13052	0.51%	0.057%
57	17.845	2506	2509	2512	rBV4	6834	7927	0.31%	0.034%
58	17.898	2515	2518	2522	rBV5	4872	6821	0.27%	0.030%
59	18.021	2531	2539	2542	rBV2	83611	167402	6.53%	0.727%
60	18.051	2542	2544	2550	rVV	65932	95848	3.74%	0.416%

61	18.133	2554	2558	2563	rVV	36826	60871	2.37%	0.264%
62	18.198	2564	2569	2573	rVV2	68930	128013	4.99%	0.556%
63	18.239	2573	2576	2585	rVB	33595	56778	2.21%	0.247%
64	18.315	2585	2589	2593	rBV5	11202	16485	0.64%	0.072%
65	18.415	2600	2606	2609	rBV5	18550	29245	1.14%	0.127%

66	18.456	2609	2613	2618	rVV	64263	99785	3.89%	0.433%
67	18.503	2618	2621	2627	rVV	33449	49489	1.93%	0.215%
68	18.603	2632	2638	2643	rVV3	31695	46292	1.81%	0.201%
69	18.750	2659	2663	2668	rBV4	16977	23928	0.93%	0.104%
70	18.803	2668	2672	2675	rVV	16356	20037	0.78%	0.087%

71	18.839	2675	2678	2682	rVB	13591	16643	0.65%	0.072%
72	18.921	2687	2692	2696	rBV2	42758	76354	2.98%	0.332%
73	19.062	2712	2716	2717	rBV3	13249	17984	0.70%	0.078%
74	19.186	2729	2737	2743	rBV	562300	770477	30.06%	3.347%
75	19.245	2744	2747	2750	rVB3	16851	21694	0.85%	0.094%

76	19.297	2751	2756	2759	rBV4	30631	50848	1.98%	0.221%
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 Stop Thrs : 0 Peak Location: TOP

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77	19.339	2759	2763	2767	rVB	37048	52360	2.04%	0.227%
78	19.515	2788	2793	2797	rBV2	647318	1014197	39.56%	4.406%
79	19.545	2797	2798	2807	rVV	267577	284511	11.10%	1.236%
80	19.621	2807	2811	2818	rVB2	37466	61751	2.41%	0.268%
81	19.727	2823	2829	2834	rBV	40886	69758	2.72%	0.303%
82	19.880	2848	2855	2862	rBV4	49495	137457	5.36%	0.597%
83	19.962	2866	2869	2871	rVV3	19213	25510	1.00%	0.111%
84	20.003	2872	2876	2878	rVV3	44037	73892	2.88%	0.321%
85	20.039	2879	2882	2890	rVB2	135520	224599	8.76%	0.976%
86	20.139	2895	2899	2903	rVV	117920	159583	6.23%	0.693%
87	20.197	2904	2909	2914	rVB2	56409	101709	3.97%	0.442%
88	20.339	2930	2933	2936	rBV	25288	30049	1.17%	0.131%
89	20.386	2938	2941	2952	rVB2	37500	71576	2.79%	0.311%
90	20.515	2958	2963	2967	rBV	2284883	2563428	100.00%	11.135%
91	20.627	2980	2982	2985	rVB2	20903	19251	0.75%	0.084%
92	20.950	3034	3037	3040	rBV	37870	54601	2.13%	0.237%
93	20.986	3041	3043	3045	rVV	55506	63274	2.47%	0.275%
94	21.015	3045	3048	3056	rVB4	83926	158068	6.17%	0.687%
95	21.297	3089	3096	3100	rBV2	916389	1598609	62.36%	6.944%
96	21.339	3100	3103	3112	rVB	304163	413073	16.11%	1.794%
97	21.880	3193	3195	3204	rVB3	84561	163562	6.38%	0.711%
98	22.868	3357	3363	3368	rBV2	214932	562906	21.96%	2.445%
99	23.403	3449	3454	3459	rBV	202953	384849	15.01%	1.672%
100	23.544	3472	3478	3485	rBV2	549756	1005187	39.21%	4.366%

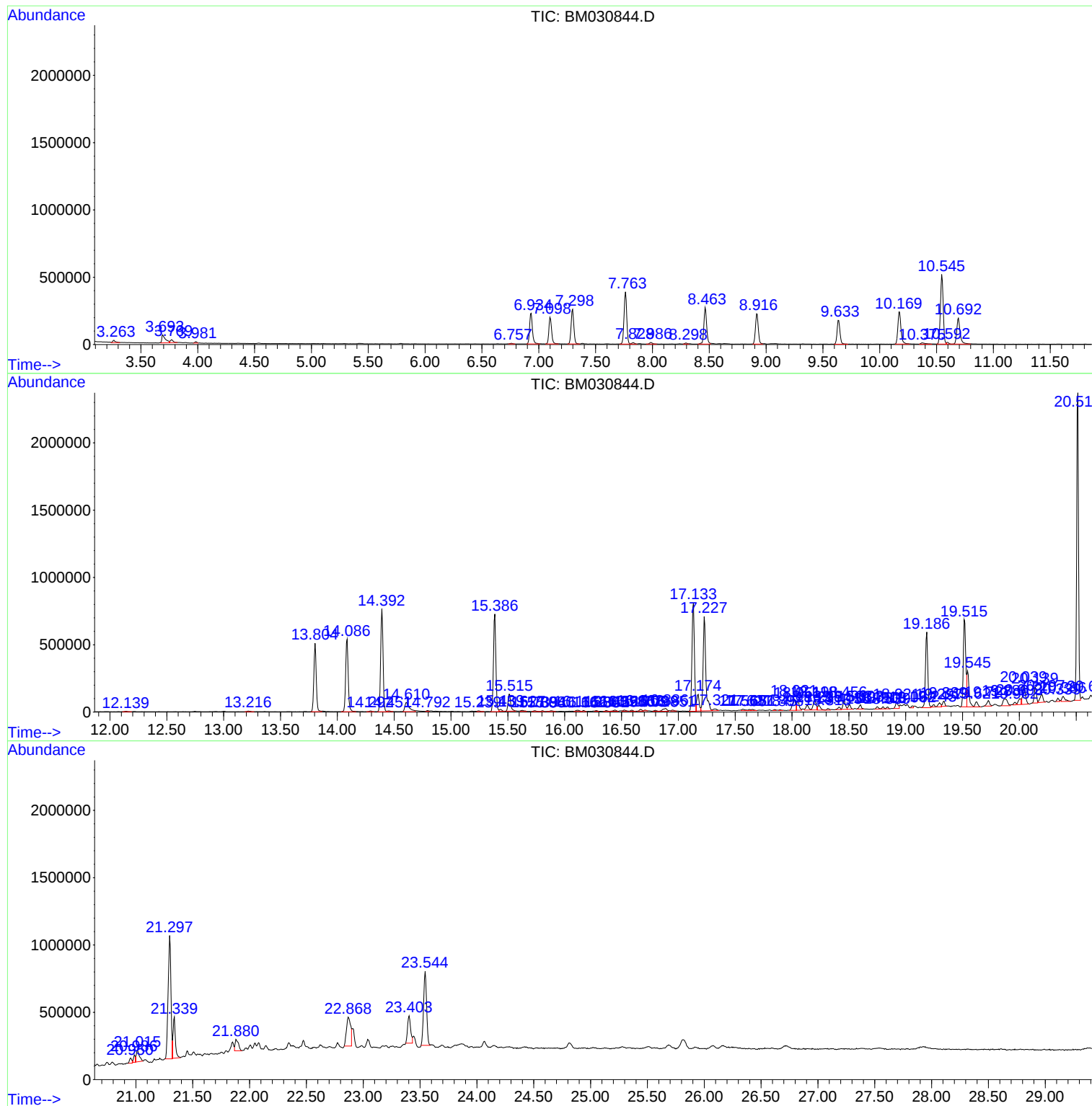
Sum of corrected areas: 23020468

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

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



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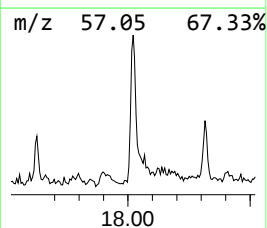
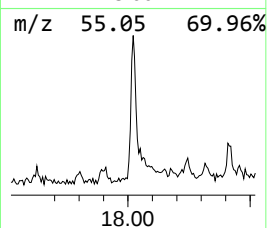
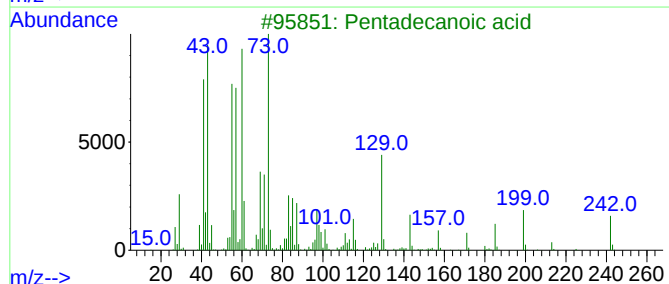
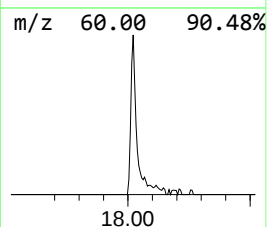
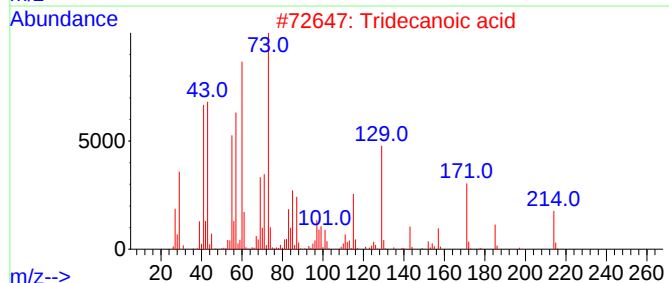
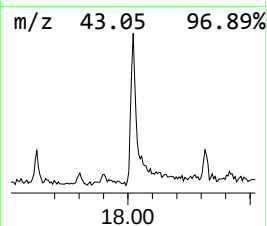
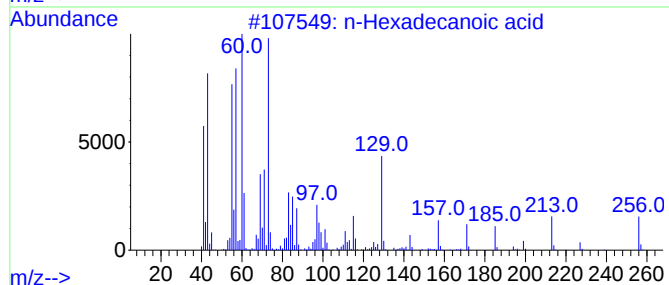
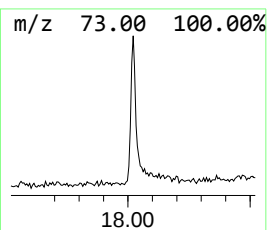
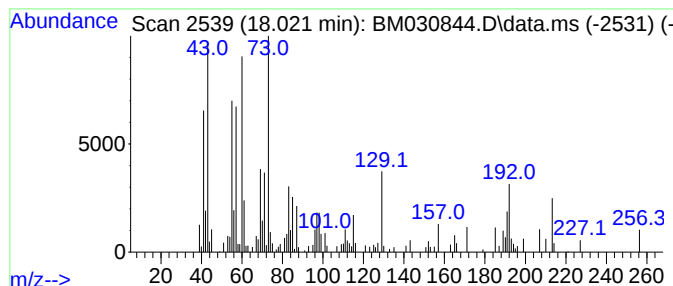
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.020	2.86 ng/ul	167402	Phenanthrene-d10	17.133

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	68



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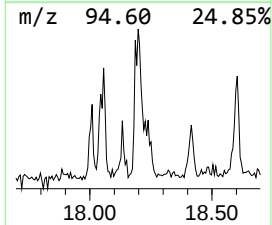
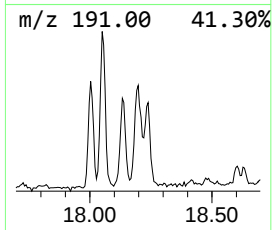
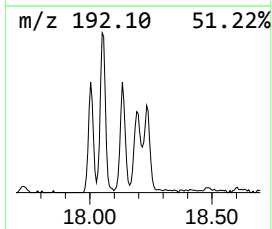
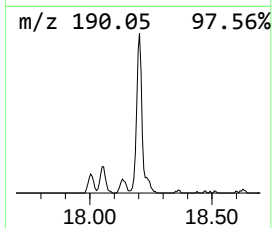
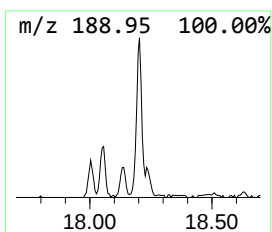
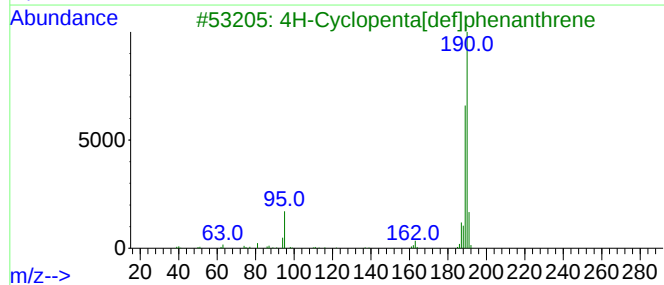
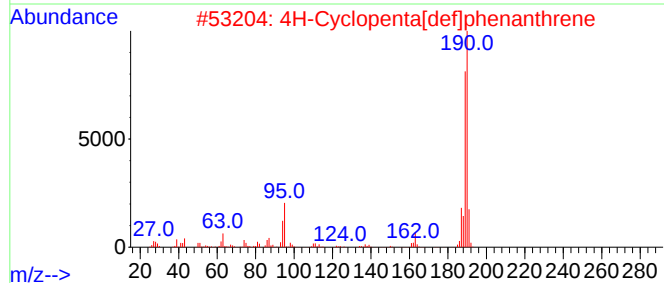
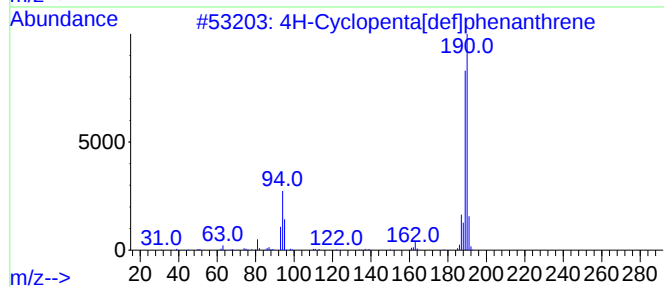
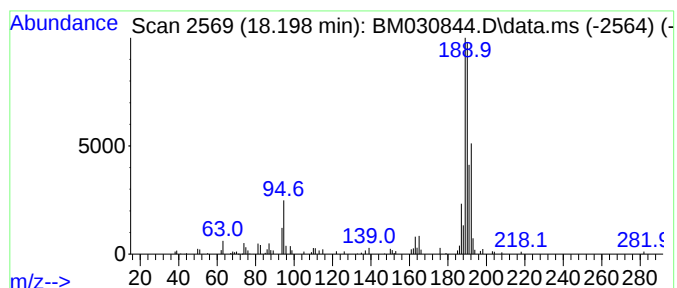
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.200	2.19 ng/ul	128013	Phenanthrene-d10	17.133

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4			Methyl diselenide	190	C2H6Se2	007101-31-7	43
5			1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	16



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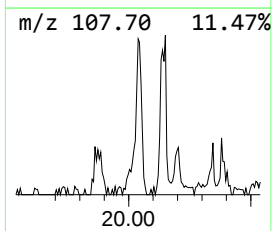
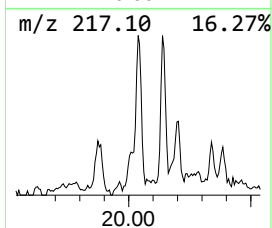
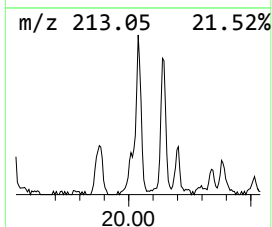
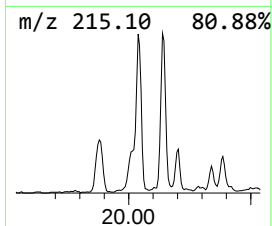
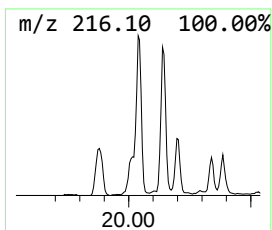
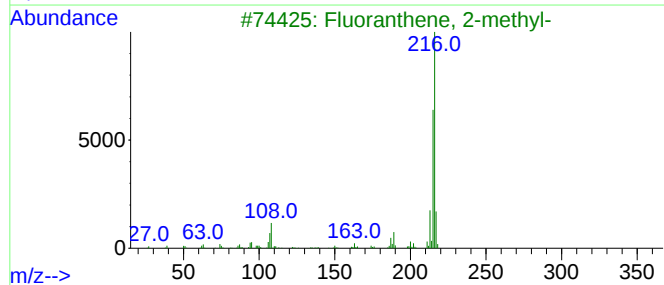
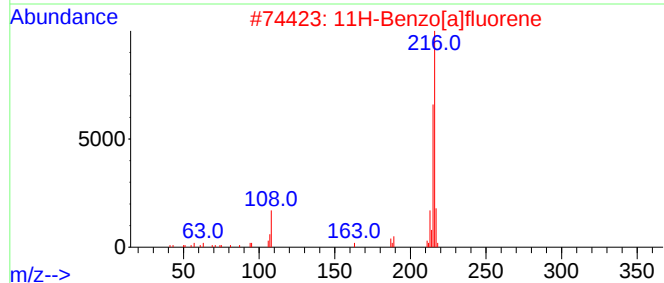
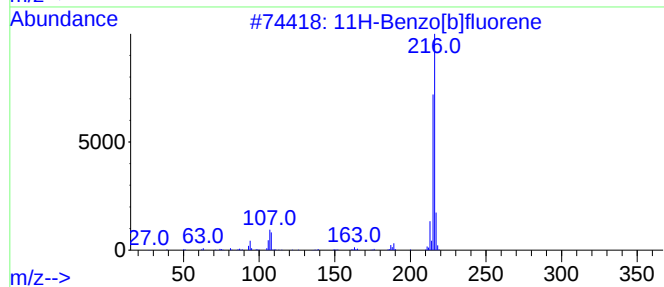
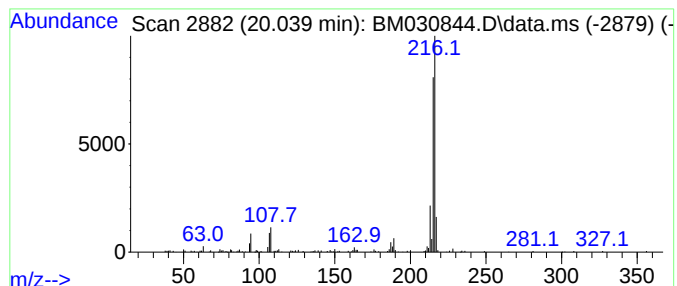
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.040	2.81 ng/ul	224599	Chrysene-d12	21.297

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030844.D
Acq On : 07 Jul 2021 06:40
Operator : CG/JU
Sample : M2854-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDT6

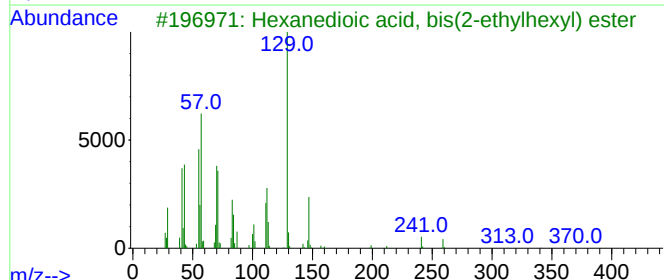
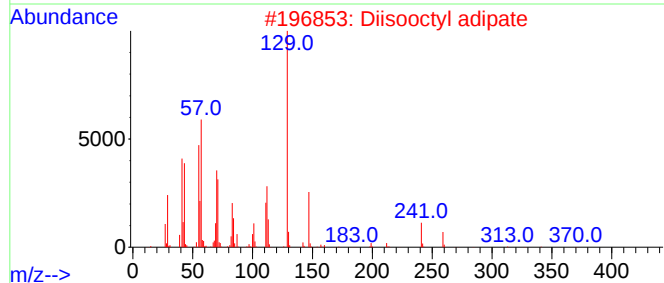
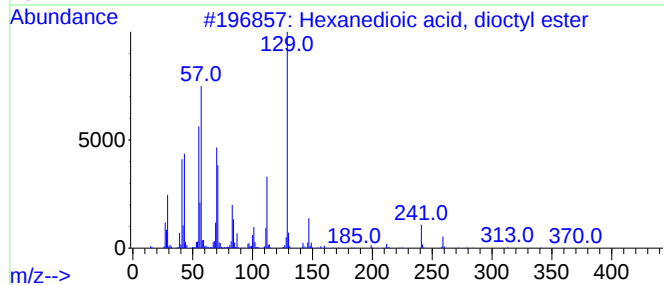
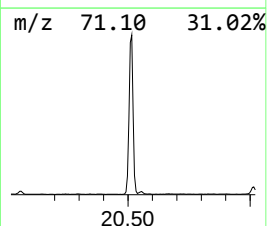
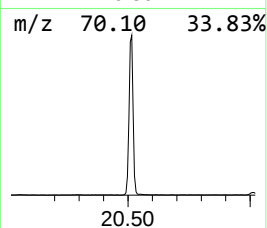
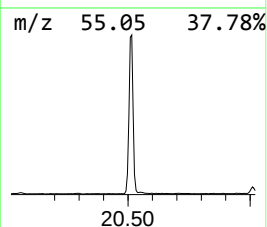
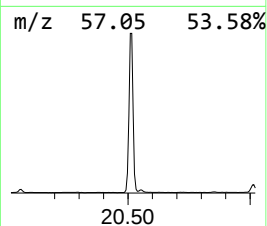
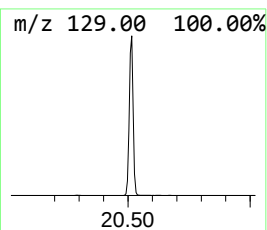
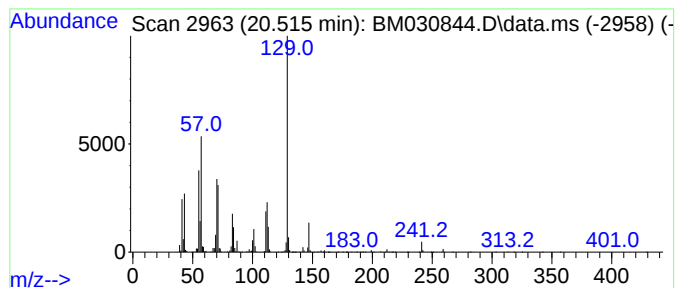
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Hexanedioic acid, dioctyl e... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	32.07 ng/ul	2563430	Chrysene-d12	21.297

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
2			Diisooctyl adipate	370	C22H42O4	001330-86-5	87
3			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	81
4			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	78
5			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030844.D
Acq On : 07 Jul 2021 06:40
Operator : CG/JU
Sample : M2854-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDT6

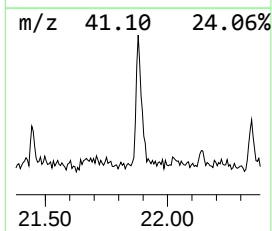
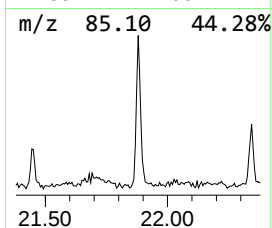
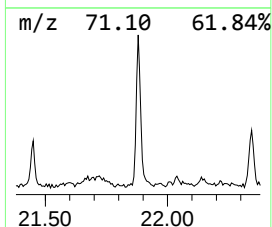
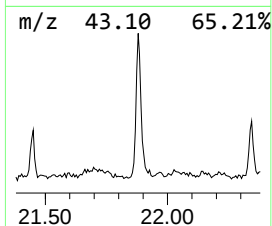
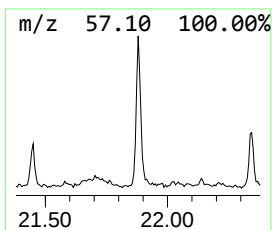
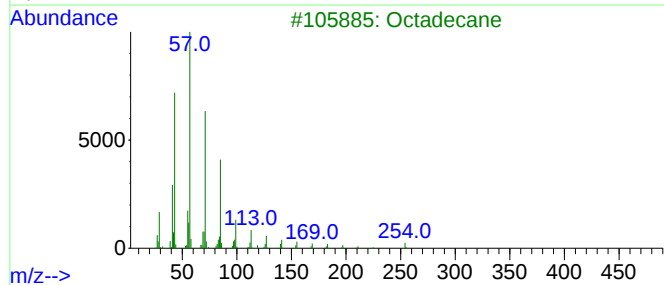
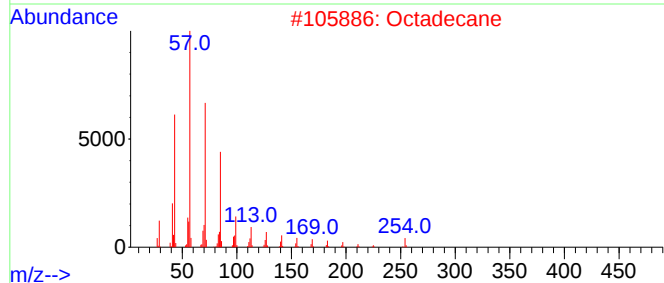
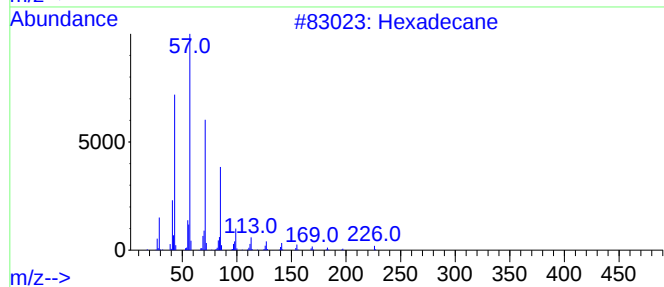
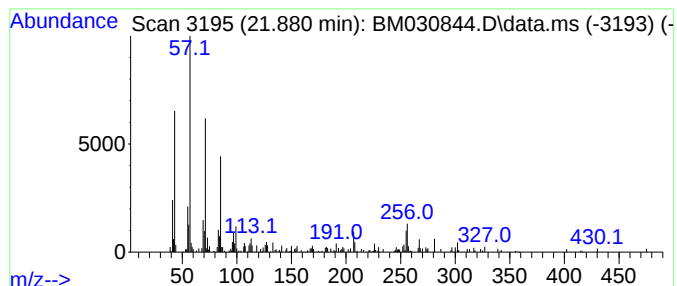
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

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.
21.880	2.05 ng/ul	163562	Chrysene-d12	21.297

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Octadecane	254	C18H38	000593-45-3	93
3			Octadecane	254	C18H38	000593-45-3	92
4			Nonadecane	268	C19H40	000629-92-5	91
5			Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
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Acq On : 07 Jul 2021 06:40
Operator : CG/JU
Sample : M2854-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.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 ...	18.020	2.9	ng/ul	167402	4	17.133	1171630	20.0
4H-Cyclopenta[d]...	18.200	2.2	ng/ul	128013	4	17.133	1171630	20.0
11H-Benzo[b]flu...	20.040	2.8	ng/ul	224599	5	21.297	1598610	20.0
Hexanedioic aci...	20.520	32.1	ng/ul	2563430	5	21.297	1598610	20.0
(DEL) Alkane: S...	21.880	2.0	ng/ul	163562	5	21.297	1598610	20.0