LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030858.D
Acq On : 07 Jul 2021 15:52
Operator : CG/JU
Sample : M2854-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDT2

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: BM030858.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	35	rBV	7424	9702	0.33%	0.053%
2	3.699	101	104	113	rVV	32977	77949	2.68%	0.429%
3	3.769	113	116	124	rVB	17151	31364	1.08%	0.173%
4	3.987	149	153	158	rVB	7856	12261	0.42%	0.068%
5	5.428	392	398	401	rBV4	2992	5406	0.19%	0.030%
6	6.757	621	624	628	rVB4	3292	4666	0.16%	0.026%
7	6.934	645	654	671	rVB	136232	241565	8.29%	1.330%
8	7.098	676	682	694	rBV	113982	186395	6.40%	1.026%
9	7.298	709	716	726	rBV	150545	245305	8.42%	1.351%
10	7.763	786	795	802	rBV	324637	525355	18.04%	2.893%
11	7.834	802	807	812	rVV3	7625	13696	0.47%	0.075%
12	7.987	828	833	842	rBV2	8311	14260	0.49%	0.079%
13	8.292	880	885	890	rBV4	6262	10989	0.38%	0.061%
14	8.428	903	908	909	rBV2	5752	6903	0.24%	0.038%
15	8.463	909	914	924	rVB	156356	265059	9.10%	1.459%
16	8.916	985	991	999	rBV	126877	221346	7.60%	1.219%
17	9.045	1008	1013	1018	rBV6	2814	6491	0.22%	0.036%
18	9.639	1108	1114	1125	rBV	98009	169585	5.82%	0.934%
19	10.175	1196	1205	1221	rBV	128903	259026	8.89%	1.426%
20	10.369	1233	1238	1249	rBV3	11824	35382	1.21%	0.195%
21	10.545	1260	1268	1274	rBV	432958	733666	25.19%	4.040%
22	10.592	1274	1276	1282	rVB	15609	23876	0.82%	0.131%
23	10.692	1285	1293	1308	rBV2	112011	237356	8.15%	1.307%
24	12.145	1534	1540	1545	rBV2	2825	4390	0.15%	0.024%
25	12.216	1548	1552	1558	rBV4	2497	5073	0.17%	0.028%
26	13.004	1683	1686	1691	rVB4	3087	4183	0.14%	0.023%
27	13.804	1816	1822	1832	rVV	271351	407794	14.00%	2.245%
28	14.086	1860	1870	1883	rBV	295313	474695	16.30%	2.614%
29	14.392	1915	1922	1929	rBV	625398	928743	31.89%	5.114%
30	14.457	1929	1933	1940	rVB	12954	20938	0.72%	0.115%
31	14.616	1954	1960	1979	rBV	24159	80197	2.75%	0.442%
32	14.792	1985	1990	1994	rBV	9506	13005	0.45%	0.072%
33	14.869	2000	2003	2008	rVB4	4869	6036	0.21%	0.033%
34	15.010	2021	2027	2031	rBV5	4449	7352	0.25%	0.040%
35	15.186	2050	2057	2060	rBV5	3285	6927	0.24%	0.038%
36	15.386	2083	2091	2096	rBV	399197	596167	20.47%	3.282%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030858.D
Acq On : 07 Jul 2021 15:52
Operator : CG/JU
Sample : M2854-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDT2

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

37	15.439	2096	2100	2108	rVV3	24143	43164	1.48%	0.238%
38	15.516	2108	2113	2125	rVB2	42753	81745	2.81%	0.450%
39	15.645	2133	2135	2140	rVB4	4055	6003	0.21%	0.033%
40	15.739	2146	2151	2157	rVB	12524	18516	0.64%	0.102%
41	15.804	2159	2162	2167	rVB4	3577	5022	0.17%	0.028%
42	15.880	2167	2175	2184	rBV3	14797	34748	1.19%	0.191%
43	15.974	2184	2191	2193	rBV5	3349	6243	0.21%	0.034%
44	16.121	2208	2216	2221	rBV8	6589	13358	0.46%	0.074%
45	16.445	2262	2271	2275	rBV3	13749	28747	0.99%	0.158%
46	16.492	2276	2279	2282	rVV3	3779	4606	0.16%	0.025%
47	16.592	2292	2296	2303	rVB3	7033	9754	0.33%	0.054%
48	16.668	2303	2309	2313	rBV3	14531	22144	0.76%	0.122%
49	16.710	2313	2316	2319	rVV3	12384	17253	0.59%	0.095%
50	16.739	2319	2321	2323	rVV3	5027	5430	0.19%	0.030%
51	16.792	2327	2330	2337	rVB6	7106	12369	0.42%	0.068%
52	16.868	2337	2343	2349	rBV4	13280	30566	1.05%	0.168%
53	16.951	2353	2357	2366	rVB2	14153	25362	0.87%	0.140%
54	17.133	2381	2388	2392	rBV	672811	1021492	35.07%	5.624%
55	17.174	2392	2395	2399	rVV	165899	230200	7.90%	1.267%
56	17.227	2399	2404	2408	rVV	382696	580208	19.92%	3.195%
57	17.262	2408	2410	2416	rVV	92834	122685	4.21%	0.676%
58	17.315	2416	2419	2425	rVB6	9734	20955	0.72%	0.115%
59	17.568	2458	2462	2467	rBV5	5942	10290	0.35%	0.057%
60	17.651	2473	2476	2481	rVB	9397	10656	0.37%	0.059%
61	17.851	2506	2510	2515	rBV4	5102	7541	0.26%	0.042%
62	17.962	2526	2529	2532	rBV4	2826	4290	0.15%	0.024%
63	18.015	2532	2538	2541	rVV2	53286	112983	3.88%	0.622%
64	18.051	2541	2544	2550	rVV	61993	96779	3.32%	0.533%
65	18.133	2554	2558	2564	rVV	37985	64333	2.21%	0.354%
66	18.204	2564	2570	2573	rVV2	81182	146340	5.02%	0.806%
67	18.239	2573	2576	2583	rVV	31866	48842	1.68%	0.269%
68	18.315	2586	2589	2593	rBV6	4568	5331	0.18%	0.029%
69	18.457	2608	2613	2618	rBV	75429	116100	3.99%	0.639%
70	18.504	2618	2621	2626	rVB	45409	63526	2.18%	0.350%
71	18.751	2660	2663	2667	rBV3	12356	14694	0.50%	0.081%
72	18.804	2669	2672	2676	rBV	11888	13432	0.46%	0.074%
73	18.839	2676	2678	2683	rVB2	12823	15700	0.54%	0.086%
74	18.921	2687	2692	2696	rBV2	35460	61979	2.13%	0.341%
75	18.986	2697	2703	2706	rBV4	16067	29374	1.01%	0.162%
76	19.062	2712	2716	2724	rVB6	12529	29214	1.00%	0.161%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030858.D
Acq On : 07 Jul 2021 15:52
Operator : CG/JU
Sample : M2854-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDT2

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

77	19.186	2731	2737	2744	rBV	637678	842085	28.91%	4.637%
78	19.251	2744	2748	2751	rVB2	12311	15637	0.54%	0.086%
79	19.298	2751	2756	2759	rBV5	21194	37208	1.28%	0.205%
80	19.339	2759	2763	2768	rVB	39951	58079	1.99%	0.320%
81	19.521	2788	2794	2796	rBV2	433035	636166	21.84%	3.503%
82	19.545	2796	2798	2807	rVV	279986	393616	13.51%	2.167%
83	19.621	2807	2811	2818	rVB2	34769	56860	1.95%	0.313%
84	19.727	2825	2829	2835	rVB	42687	60286	2.07%	0.332%
85	19.868	2848	2853	2861	rBV4	39544	100380	3.45%	0.553%
86	20.015	2872	2878	2879	rBV3	30082	52913	1.82%	0.291%
87	20.045	2879	2883	2890	rVB	114210	169576	5.82%	0.934%
88	20.145	2895	2900	2904	rVV	110828	145982	5.01%	0.804%
89	20.198	2904	2909	2915	rVB3	49846	91389	3.14%	0.503%
90	20.339	2930	2933	2937	rBV2	17780	25175	0.86%	0.139%
91	20.386	2938	2941	2946	rVB3	23982	34872	1.20%	0.192%
92	20.515	2958	2963	2968	rBV	2836597	2912635	100.00%	16.037%
93	20.745	3000	3002	3007	rBV5	17883	26812	0.92%	0.148%
94	20.956	3035	3038	3040	rBV	27574	29893	1.03%	0.165%
95	20.992	3041	3044	3046	rBV2	41247	44344	1.52%	0.244%
96	21.303	3090	3097	3101	rBV2	898620	1522757	52.28%	8.384%
97	21.339	3101	3103	3112	rVB	266007	324129	11.13%	1.785%
98	22.874	3359	3364	3369	rBV	161258	379862	13.04%	2.092%
99	23.409	3451	3455	3460	rBV2	102489	183496	6.30%	1.010%
100	23.550	3473	3479	3488	rBV2	502153	932820	32.03%	5.136%

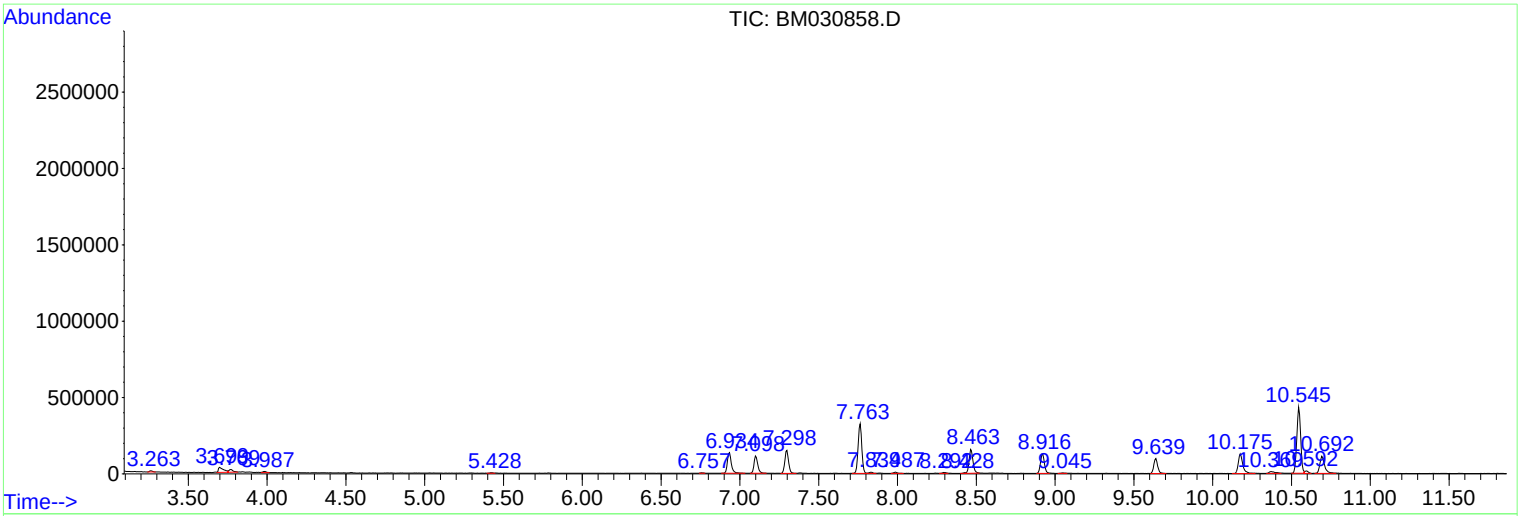
Sum of corrected areas: 18162049

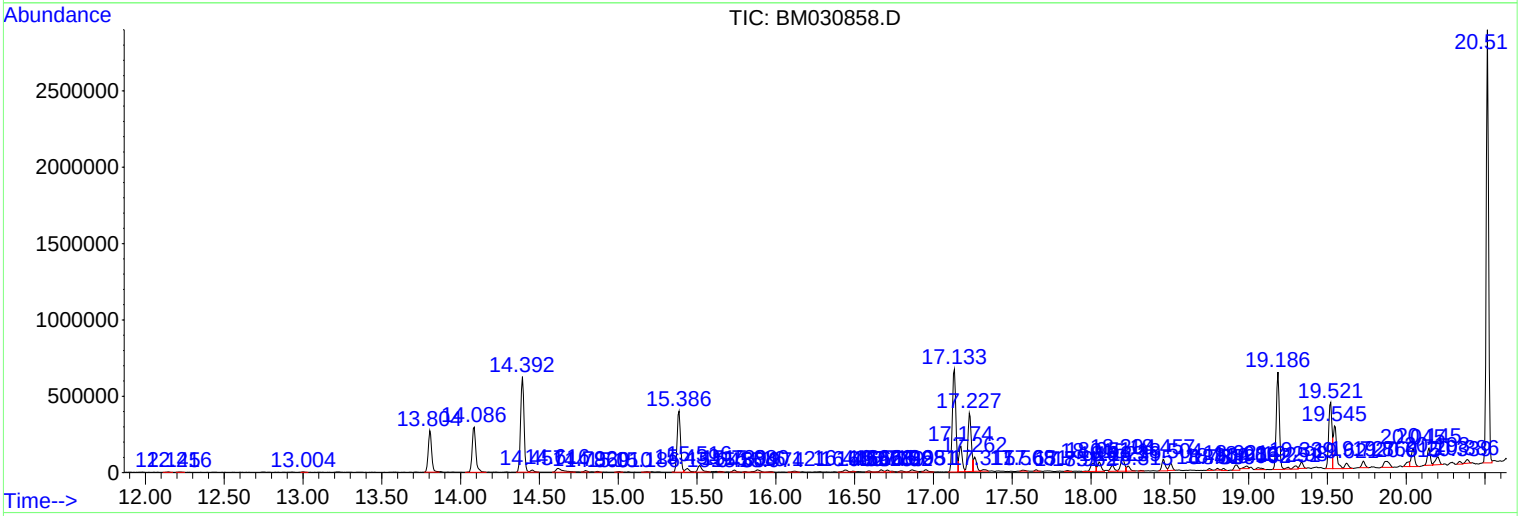
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030858.D
Acq On : 07 Jul 2021 15:52
Operator : CG/JU
Sample : M2854-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

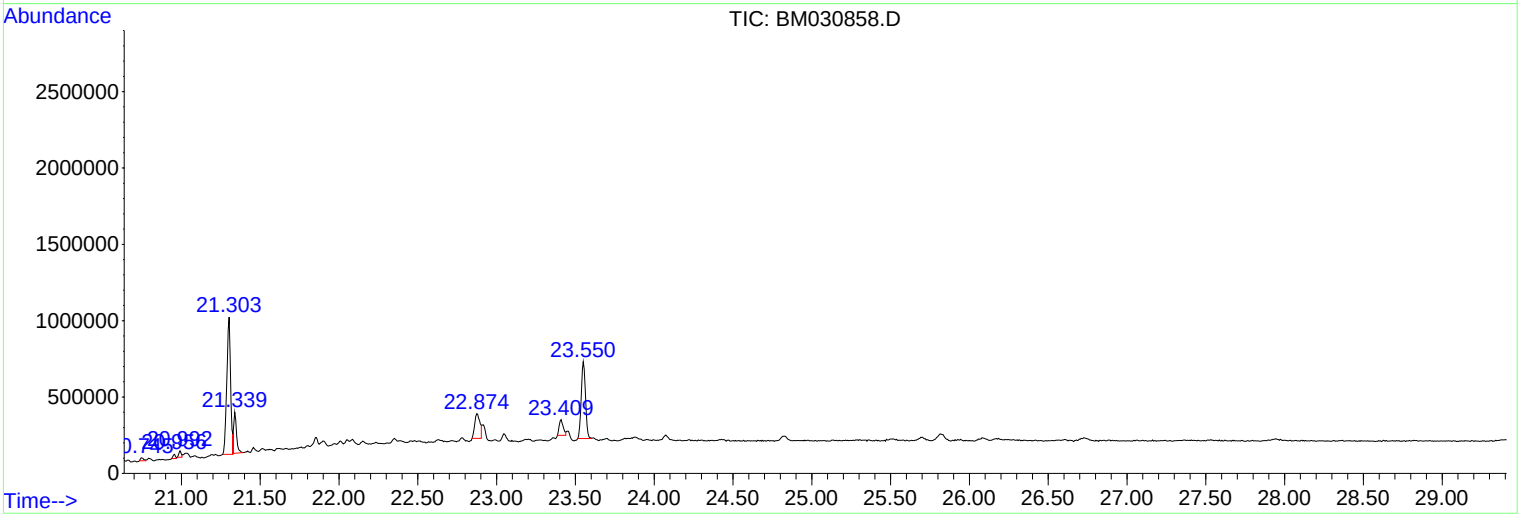
Instrument :
BNA_M
ClientSampleId :
BGDT2

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030858.D
Acq On : 07 Jul 2021 15:52
Operator : CG/JU
Sample : M2854-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDT2

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

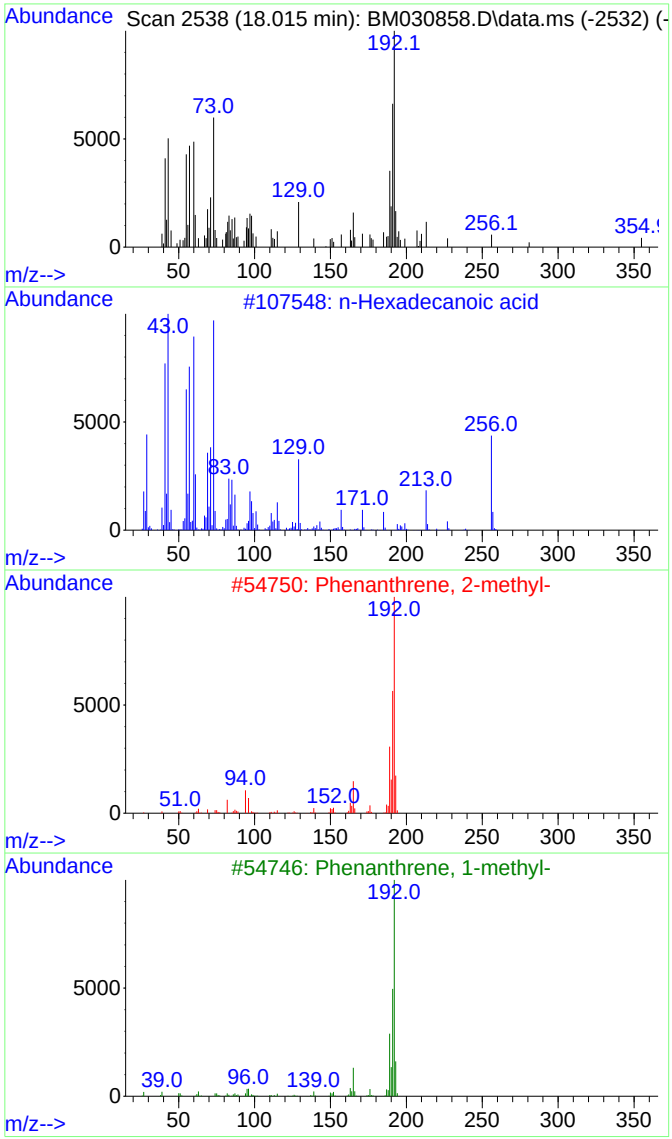
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

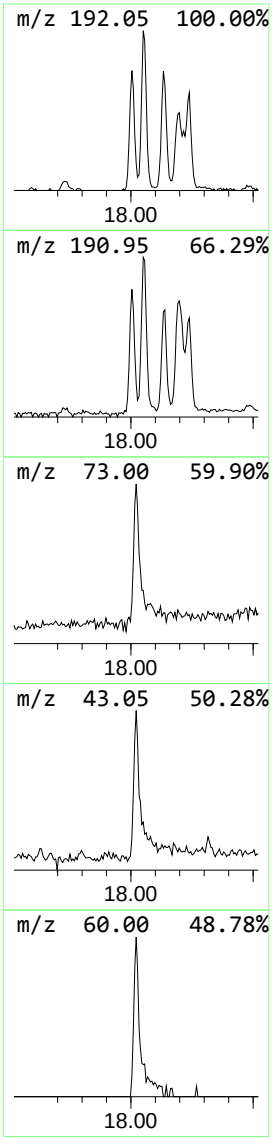
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.020	2.21 ng/ul	112983	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030858.D
Acq On : 07 Jul 2021 15:52
Operator : CG/JU
Sample : M2854-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDT2

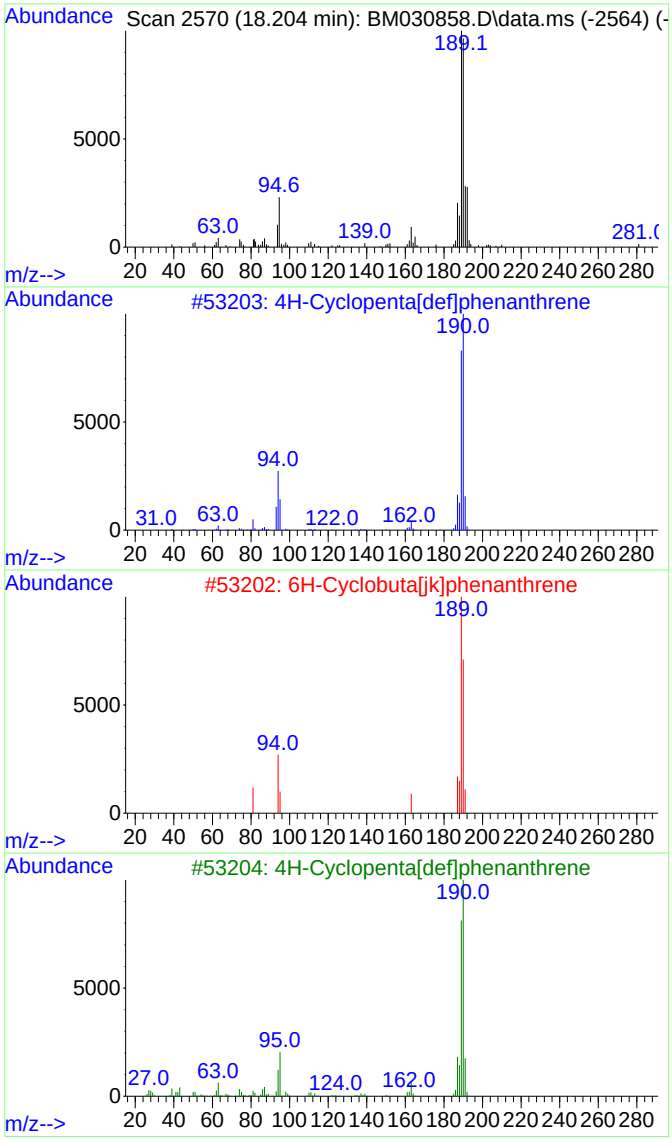
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

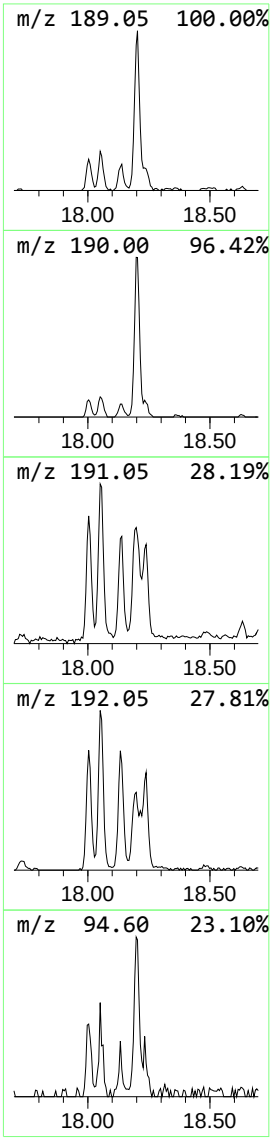
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.200	2.87 ng/ul	146340	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	80
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030858.D
Acq On : 07 Jul 2021 15:52
Operator : CG/JU
Sample : M2854-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDT2

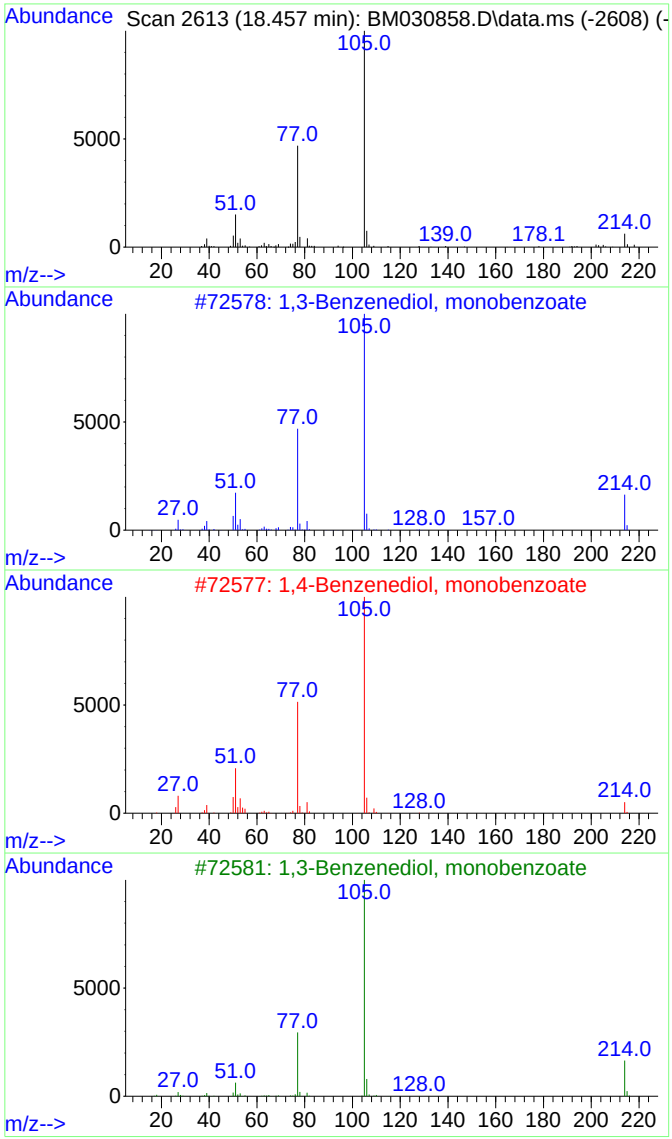
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

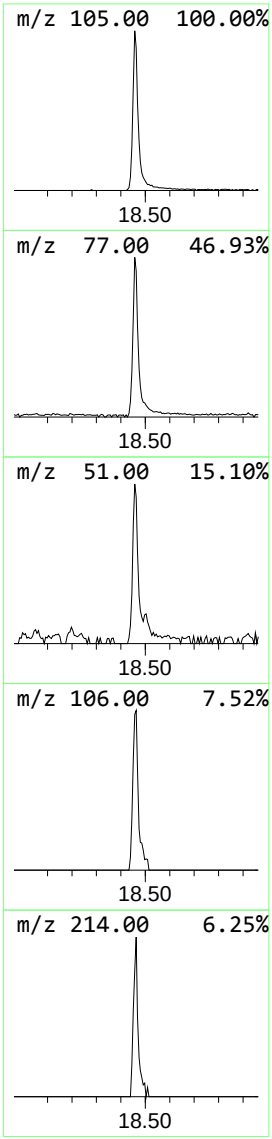
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,3-Benzenediol, monobenzoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.460	2.27 ng/ul	116100	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	90
2	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	87
3	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	87
4	Cyclobutyl phenyl ketone	160	C11H12O	005407-98-7	64
5	1-Benzoyloxy-2-formyloxybenzene	242	C14H10O4	079792-93-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030858.D
Acq On : 07 Jul 2021 15:52
Operator : CG/JU
Sample : M2854-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDT2

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

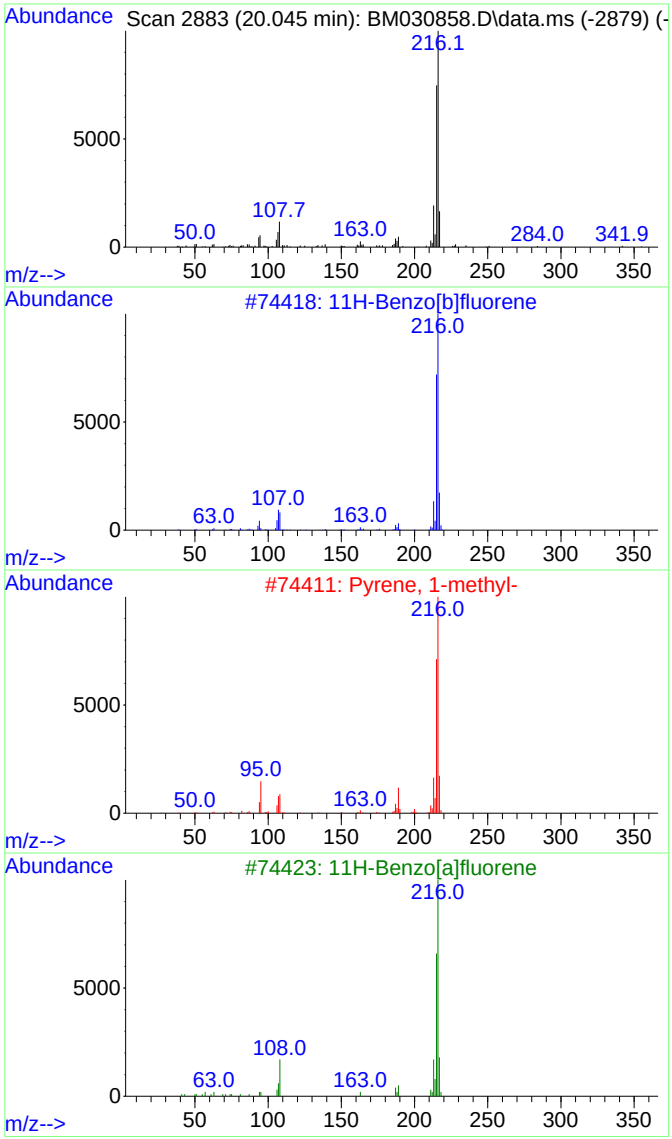
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

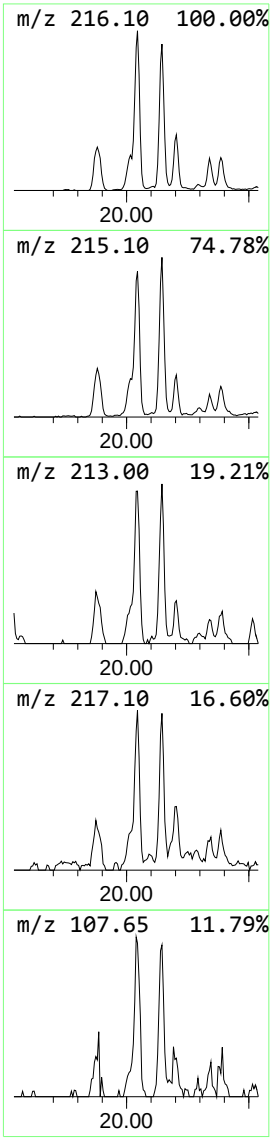
****

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.040	2.23 ng/ul	169576	Chrysene-d12	21.303

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030858.D
Acq On : 07 Jul 2021 15:52
Operator : CG/JU
Sample : M2854-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDT2

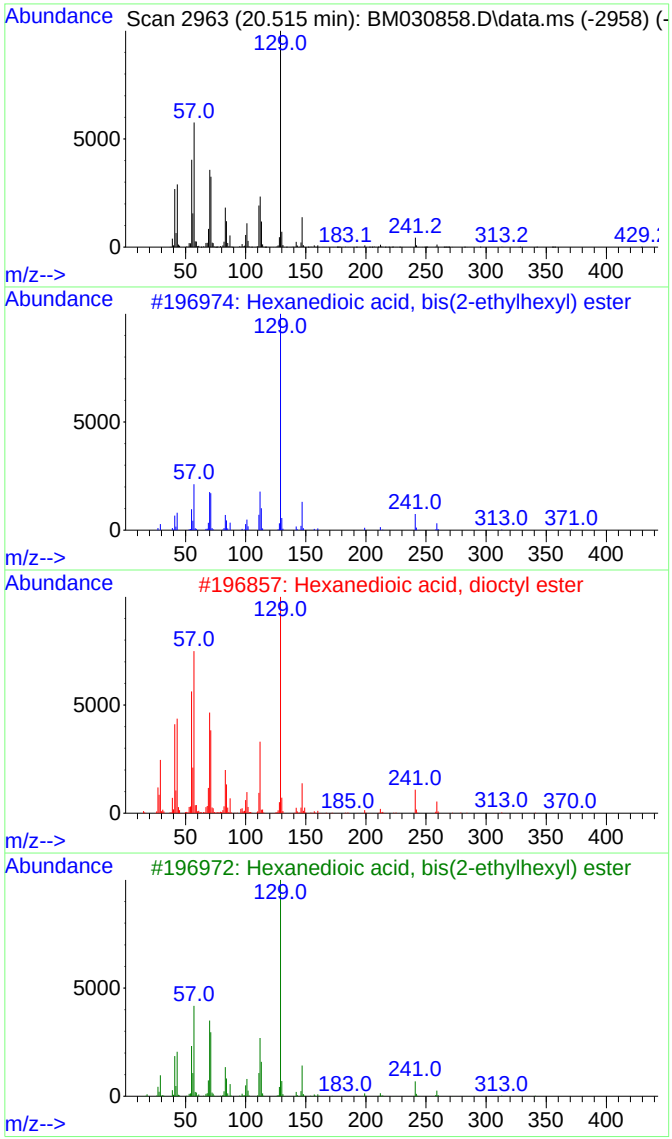
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

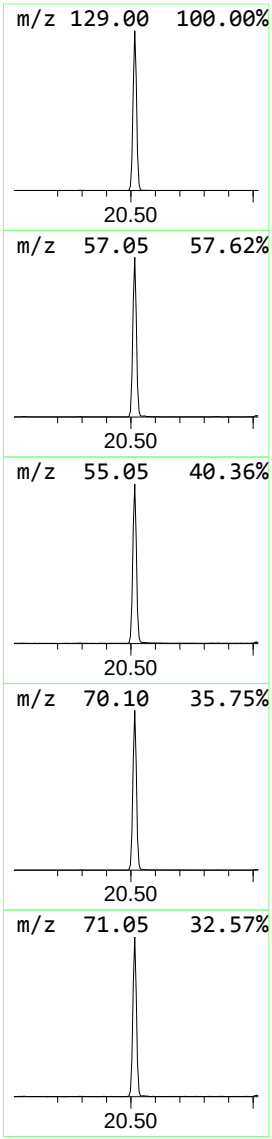
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	38.25 ng/ul	2912640	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	78
5	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030858.D
Acq On : 07 Jul 2021 15:52
Operator : CG/JU
Sample : M2854-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDT2

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.020	2.2	ng/ul	112983	4	17.133	1021490	20.0
4H-Cyclopenta[d...	18.200	2.9	ng/ul	146340	4	17.133	1021490	20.0
1,3-Benzenediol...	18.460	2.3	ng/ul	116100	4	17.133	1021490	20.0
11H-Benzo[b]flu...	20.040	2.2	ng/ul	169576	5	21.303	1522760	20.0
Hexanedioic aci...	20.520	38.3	ng/ul	2912640	5	21.303	1522760	20.0