LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030842.D
Acq On : 07 Jul 2021 05:28
Operator : CG/JU
Sample : M2854-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS4

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: BM030842.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.263	27	30	38	rVB	12210	16179	0.84%	0.064%
2	3.704	102	105	112	rVV	31222	67509	3.52%	0.267%
3	3.769	112	116	124	rVB	35550	58186	3.04%	0.230%
4	3.987	148	153	158	rVB	9759	14065	0.73%	0.056%
5	6.934	648	654	668	rBV	178609	305095	15.93%	1.205%
6	7.098	677	682	691	rBV	140491	235960	12.32%	0.932%
7	7.298	709	716	727	rBV	190306	319707	16.69%	1.263%
8	7.763	787	795	802	rBV	413457	655727	34.23%	2.590%
9	8.463	904	914	926	rBV	208531	364269	19.02%	1.439%
10	8.922	985	992	1007	rVB	169944	296281	15.47%	1.170%
11	9.639	1108	1114	1126	rVB	137909	233068	12.17%	0.921%
12	10.175	1198	1205	1220	rBV	186012	349496	18.24%	1.380%
13	10.351	1230	1235	1249	rBV	31118	89145	4.65%	0.352%
14	10.545	1261	1268	1275	rBV	546541	932142	48.66%	3.682%
15	10.592	1275	1276	1283	rVB	14430	17107	0.89%	0.068%
16	10.692	1286	1293	1306	rBV	148820	300163	15.67%	1.186%
17	13.574	1774	1783	1790	rBV4	12692	31090	1.62%	0.123%
18	13.716	1800	1807	1813	rBV2	26497	45482	2.37%	0.180%
19	13.804	1816	1822	1832	rVV	390174	563043	29.39%	2.224%
20	13.951	1839	1847	1851	rBV2	13479	23821	1.24%	0.094%
21	14.086	1864	1870	1880	rVB	422409	671769	35.07%	2.653%
22	14.392	1914	1922	1928	rBV	855061	1224440	63.92%	4.836%
23	14.457	1928	1933	1942	rVB	106400	163487	8.53%	0.646%
24	14.610	1952	1959	1970	rBV3	63565	161361	8.42%	0.637%
25	14.792	1985	1990	1994	rBV	36988	50147	2.62%	0.198%
26	14.868	1999	2003	2008	rVB2	18736	26134	1.36%	0.103%
27	15.010	2020	2027	2032	rBV3	13031	24501	1.28%	0.097%
28	15.063	2032	2036	2041	rVB	13988	19245	1.00%	0.076%
29	15.186	2048	2057	2059	rBV4	13041	26498	1.38%	0.105%
30	15.215	2059	2062	2066	rVV4	9194	13155	0.69%	0.052%
31	15.386	2084	2091	2096	rVV	579337	844679	44.09%	3.336%
32	15.439	2096	2100	2108	rVV2	109594	167739	8.76%	0.663%
33	15.515	2108	2113	2119	rVV	116066	198434	10.36%	0.784%
34	15.562	2119	2121	2124	rVV3	16492	21046	1.10%	0.083%
35	15.604	2124	2128	2133	rVV4	22701	40444	2.11%	0.160%
36	15.651	2133	2136	2139	rVV2	12818	17077	0.89%	0.067%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030842.D
Acq On : 07 Jul 2021 05:28
Operator : CG/JU
Sample : M2854-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS4

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	15.686	2139	2142	2146	rVV2	12090	15837	0.83%	0.063%
38	15.733	2146	2150	2158	rVB	43429	66836	3.49%	0.264%
39	15.880	2167	2175	2184	rVB	40504	86704	4.53%	0.342%
40	15.968	2184	2190	2196	rVB3	9486	15078	0.79%	0.060%
41	16.115	2210	2215	2221	rVB6	13643	21848	1.14%	0.086%
42	16.445	2262	2271	2275	rBV2	38099	73529	3.84%	0.290%
43	16.492	2275	2279	2282	rBV2	14426	18904	0.99%	0.075%
44	16.592	2292	2296	2302	rVB	20182	27944	1.46%	0.110%
45	16.668	2302	2309	2313	rBV3	29068	53811	2.81%	0.213%
46	16.709	2313	2316	2319	rVB2	18491	20014	1.04%	0.079%
47	16.798	2326	2331	2336	rVB6	19110	33561	1.75%	0.133%
48	16.868	2337	2343	2345	rBV2	32803	57905	3.02%	0.229%
49	16.951	2353	2357	2362	rBV	48125	68135	3.56%	0.269%
50	17.004	2363	2366	2371	rVB2	15213	19358	1.01%	0.076%
51	17.133	2381	2388	2391	rBV	939538	1328389	69.35%	5.247%
52	17.174	2391	2395	2400	rVV	892990	1244897	64.99%	4.917%
53	17.233	2400	2405	2408	rVV	594193	938200	48.98%	3.706%
54	17.262	2408	2410	2416	rVV	320768	416155	21.72%	1.644%
55	17.321	2416	2420	2427	rVV6	21434	49022	2.56%	0.194%
56	17.574	2458	2463	2467	rVV4	12256	22727	1.19%	0.090%
57	17.651	2473	2476	2483	rVB	17716	26441	1.38%	0.104%
58	17.851	2506	2510	2517	rVB	9630	14684	0.77%	0.058%
59	18.004	2530	2536	2541	rVV	116643	229742	11.99%	0.907%
60	18.051	2541	2544	2550	rVV	172380	257108	13.42%	1.016%
61	18.133	2553	2558	2563	rVV	98685	144955	7.57%	0.573%
62	18.203	2563	2570	2573	rVV3	181032	327115	17.08%	1.292%
63	18.239	2573	2576	2585	rVB	75442	114295	5.97%	0.451%
64	18.462	2608	2614	2616	rVV5	13398	26428	1.38%	0.104%
65	18.503	2617	2621	2626	rVB	75703	113236	5.91%	0.447%
66	18.751	2659	2663	2667	rBV2	33827	46680	2.44%	0.184%
67	18.803	2668	2672	2675	rVV	26991	37827	1.97%	0.149%
68	18.839	2675	2678	2682	rVB	23696	30557	1.60%	0.121%
69	18.921	2687	2692	2696	rBV	56968	100802	5.26%	0.398%
70	18.986	2698	2703	2706	rVV3	37128	68507	3.58%	0.271%
71	19.015	2706	2708	2712	rVB	35459	35411	1.85%	0.140%
72	19.056	2712	2715	2718	rBV	20414	26858	1.40%	0.106%
73	19.127	2724	2727	2730	rVB3	10971	13231	0.69%	0.052%
74	19.186	2731	2737	2744	rVV	1146276	1490029	77.78%	5.885%
75	19.250	2744	2748	2751	rVV2	17501	24428	1.28%	0.096%
76	19.298	2751	2756	2758	rVV4	20944	36006	1.88%	0.142%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030842.D
Acq On : 07 Jul 2021 05:28
Operator : CG/JU
Sample : M2854-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS4

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	19.339	2758	2763	2767	rVB	65746	90123	4.70%	0.356%
78	19.427	2776	2778	2782	rVB	17737	18702	0.98%	0.074%
79	19.521	2788	2794	2796	rBV2	899098	1327281	69.29%	5.242%
80	19.545	2796	2798	2807	rVV	759657	1000183	52.21%	3.950%
81	19.621	2807	2811	2817	rVB2	56474	97840	5.11%	0.386%
82	19.727	2824	2829	2835	rVB	63049	91828	4.79%	0.363%
83	19.868	2847	2853	2861	rBV3	66789	189740	9.90%	0.749%
84	19.962	2865	2869	2872	rVV	28636	38563	2.01%	0.152%
85	20.009	2872	2877	2878	rVV3	50555	82949	4.33%	0.328%
86	20.045	2878	2883	2890	rVB	189360	296957	15.50%	1.173%
87	20.139	2895	2899	2903	rVV	193007	259964	13.57%	1.027%
88	20.197	2904	2909	2914	rVB3	83212	152570	7.96%	0.603%
89	20.286	2920	2924	2929	rBV4	22775	47807	2.50%	0.189%
90	20.339	2930	2933	2936	rVV	36376	48006	2.51%	0.190%
91	20.386	2937	2941	2945	rVV2	47991	71025	3.71%	0.281%
92	20.509	2958	2962	2967	rVB	266024	298608	15.59%	1.179%
93	20.950	3034	3037	3040	rBV	45706	54794	2.86%	0.216%
94	20.986	3040	3043	3046	rBV2	66847	86906	4.54%	0.343%
95	21.297	3089	3096	3100	rBV2	1049172	1915609	100.00%	7.566%
96	21.333	3100	3102	3111	rVB	384320	499552	26.08%	1.973%
97	21.450	3119	3122	3128	rBV	69876	109317	5.71%	0.432%
98	22.874	3358	3364	3369	rBV	228448	587119	30.65%	2.319%
99	23.397	3449	3453	3458	rBV	321892	587148	30.65%	2.319%
100	23.544	3472	3478	3486	rBV2	559511	1034574	54.01%	4.086%

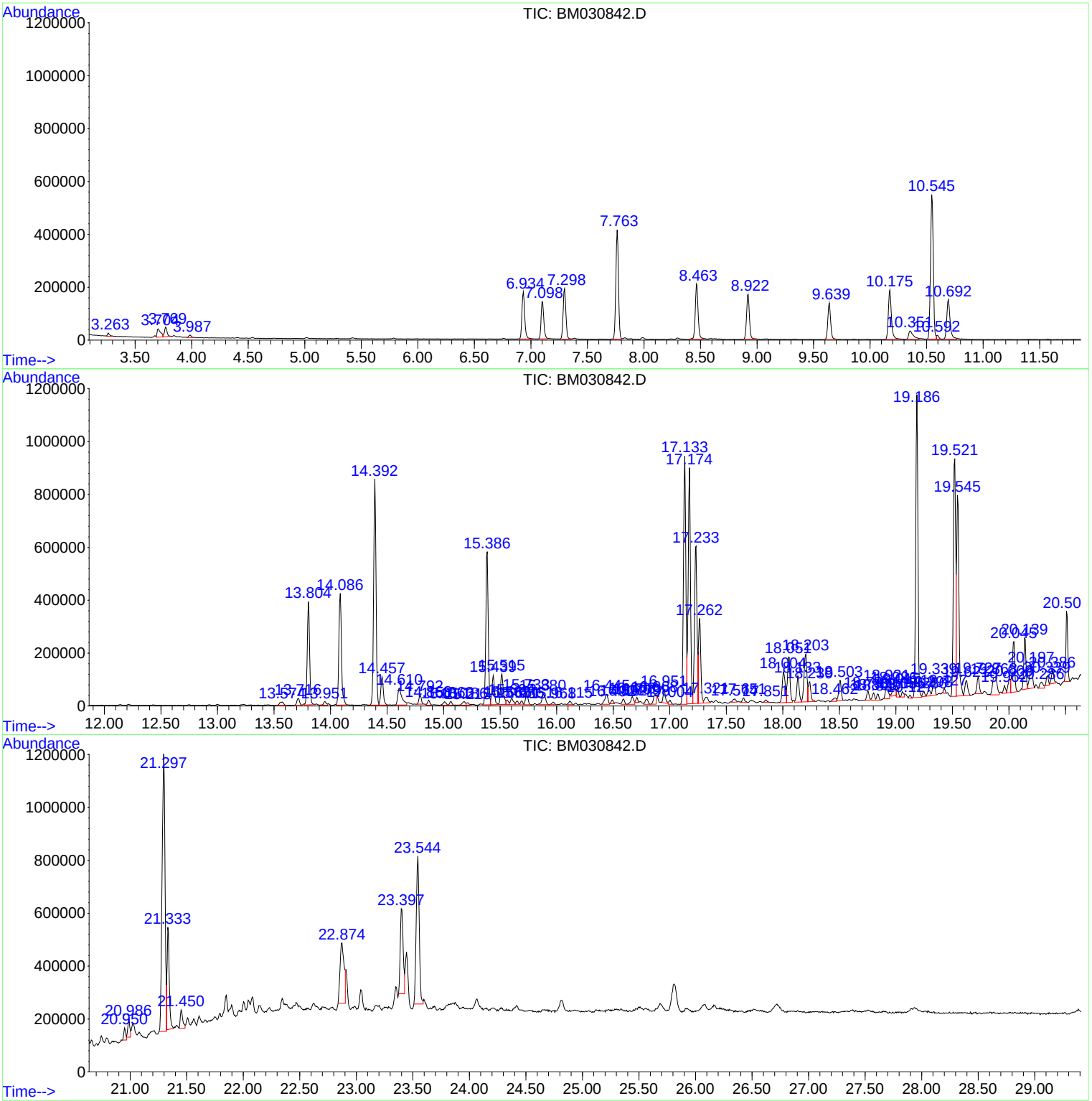
Sum of corrected areas: 25318050

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030842.D
Acq On : 07 Jul 2021 05:28
Operator : CG/JU
Sample : M2854-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS4

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 : BM030842.D
Acq On : 07 Jul 2021 05:28
Operator : CG/JU
Sample : M2854-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS4

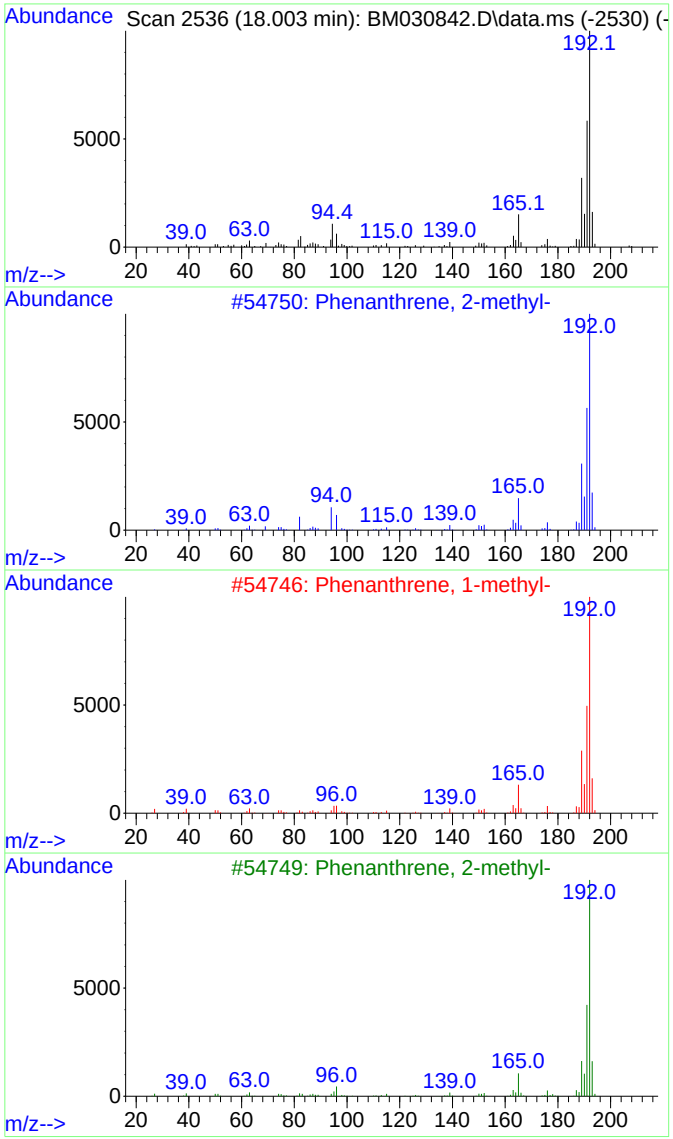
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

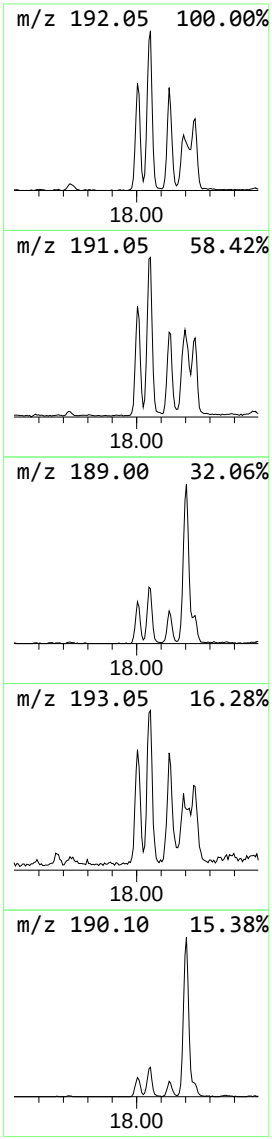
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.000	3.46 ng/ul	229742	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030842.D
Acq On : 07 Jul 2021 05:28
Operator : CG/JU
Sample : M2854-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS4

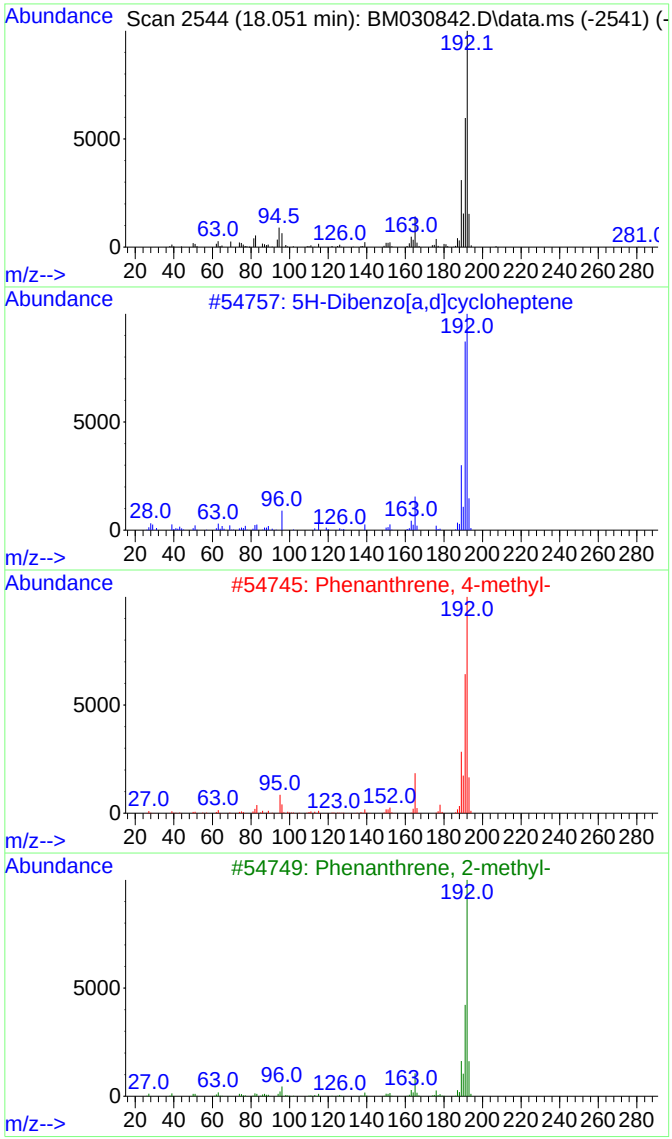
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

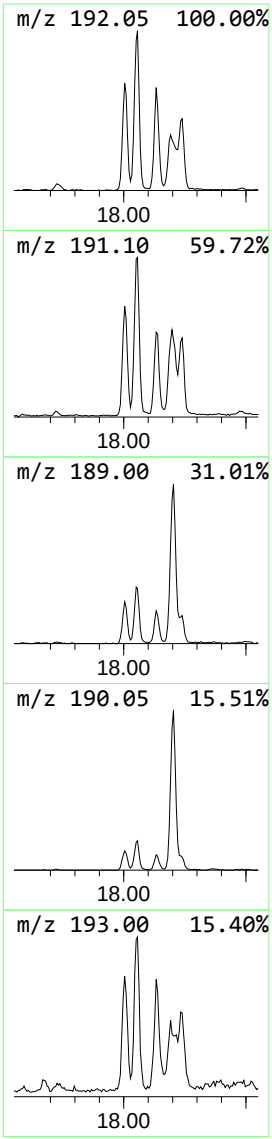
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 5H-Dibenzo[a,d]cycloheptene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.050	3.87 ng/ul	257108	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030842.D
Acq On : 07 Jul 2021 05:28
Operator : CG/JU
Sample : M2854-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS4

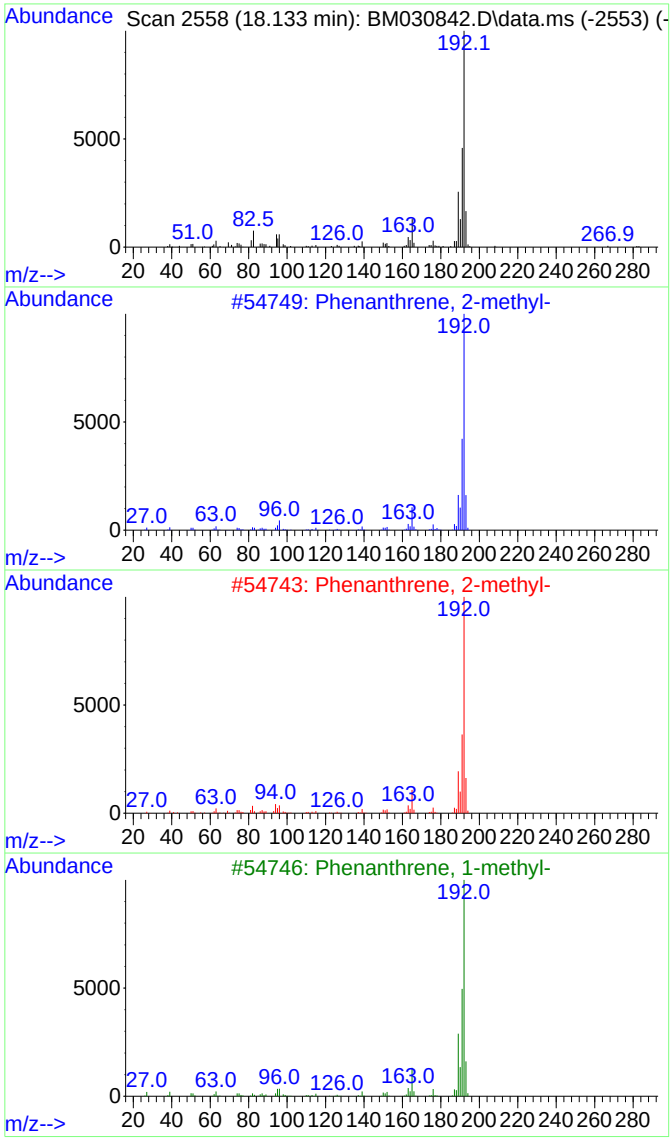
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

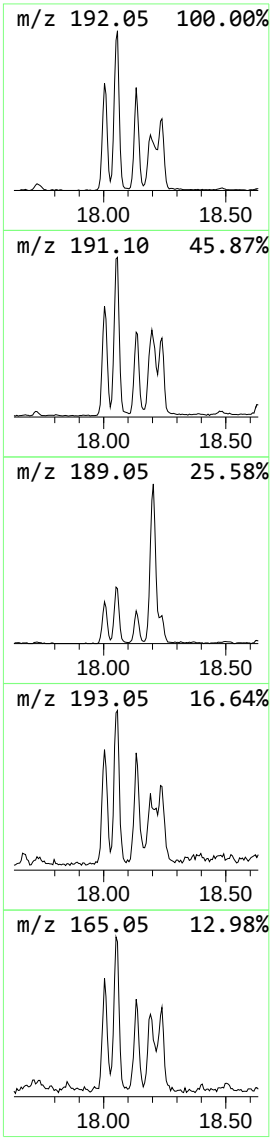
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	2.18 ng/ul	144955	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030842.D
Acq On : 07 Jul 2021 05:28
Operator : CG/JU
Sample : M2854-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS4

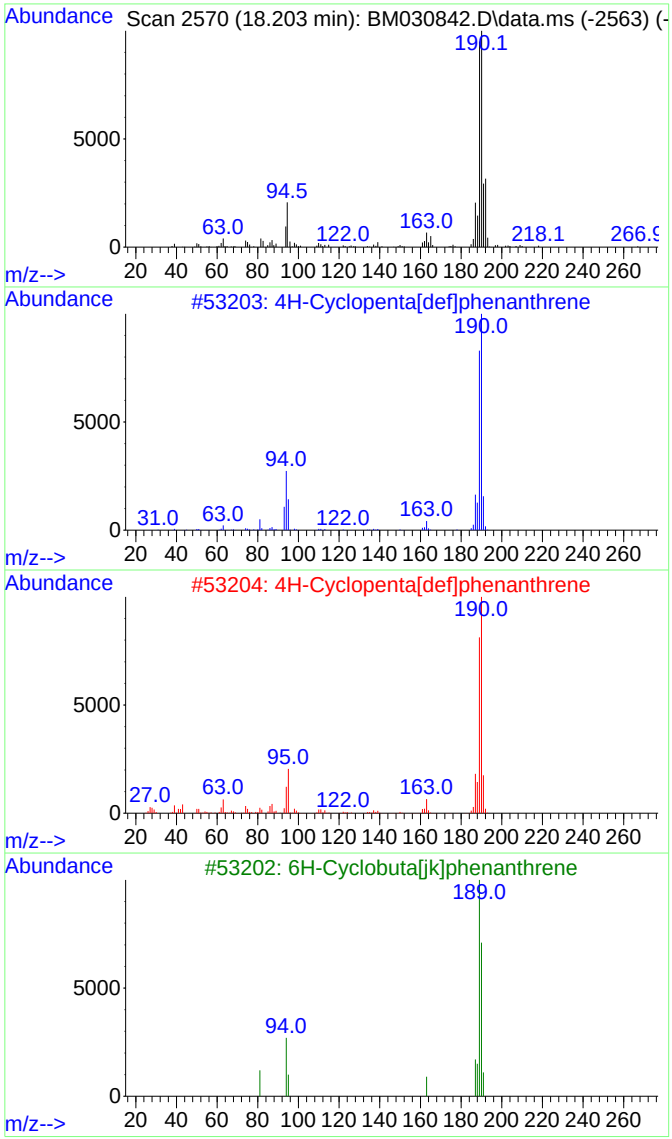
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

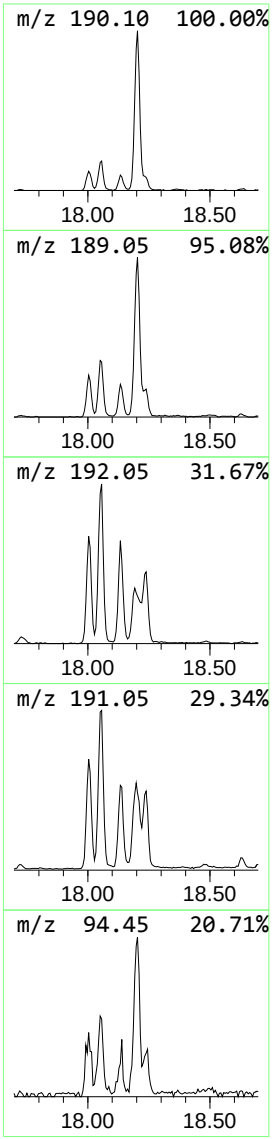
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.200	4.92 ng/ul	327115	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	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030842.D
Acq On : 07 Jul 2021 05:28
Operator : CG/JU
Sample : M2854-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS4

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

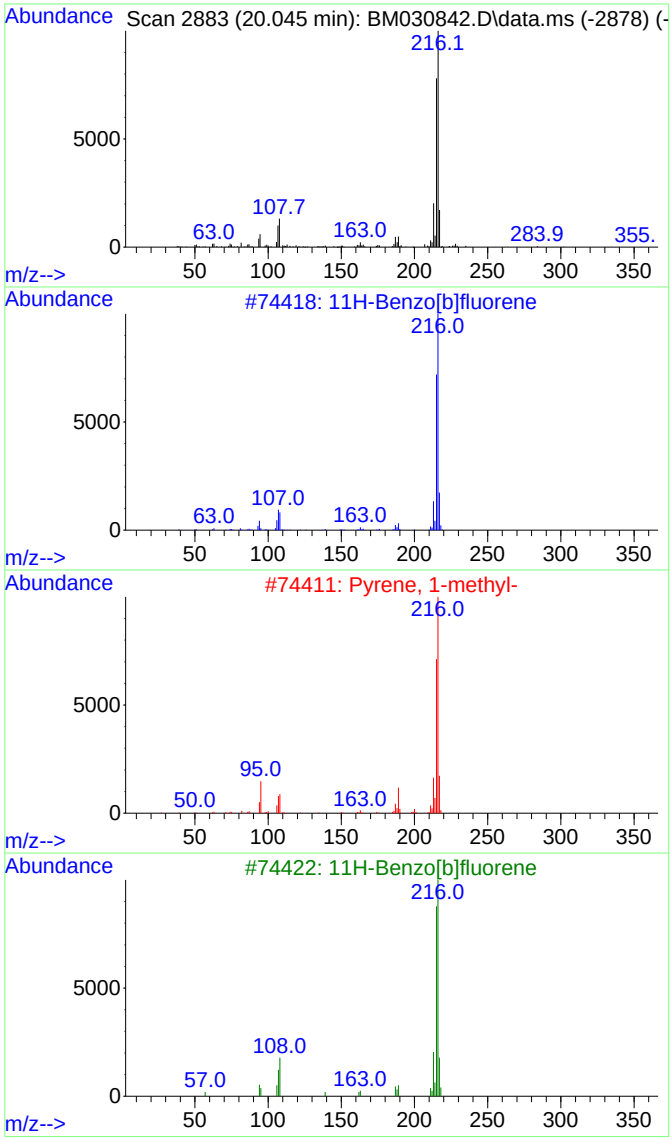
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

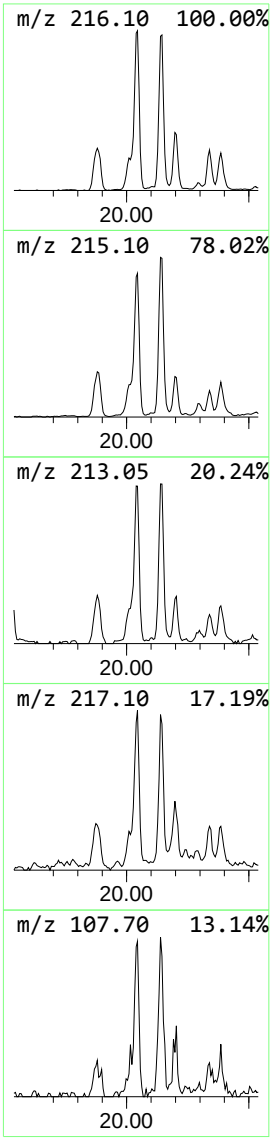
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.040	3.10 ng/ul	296957	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	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030842.D
Acq On : 07 Jul 2021 05:28
Operator : CG/JU
Sample : M2854-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS4

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

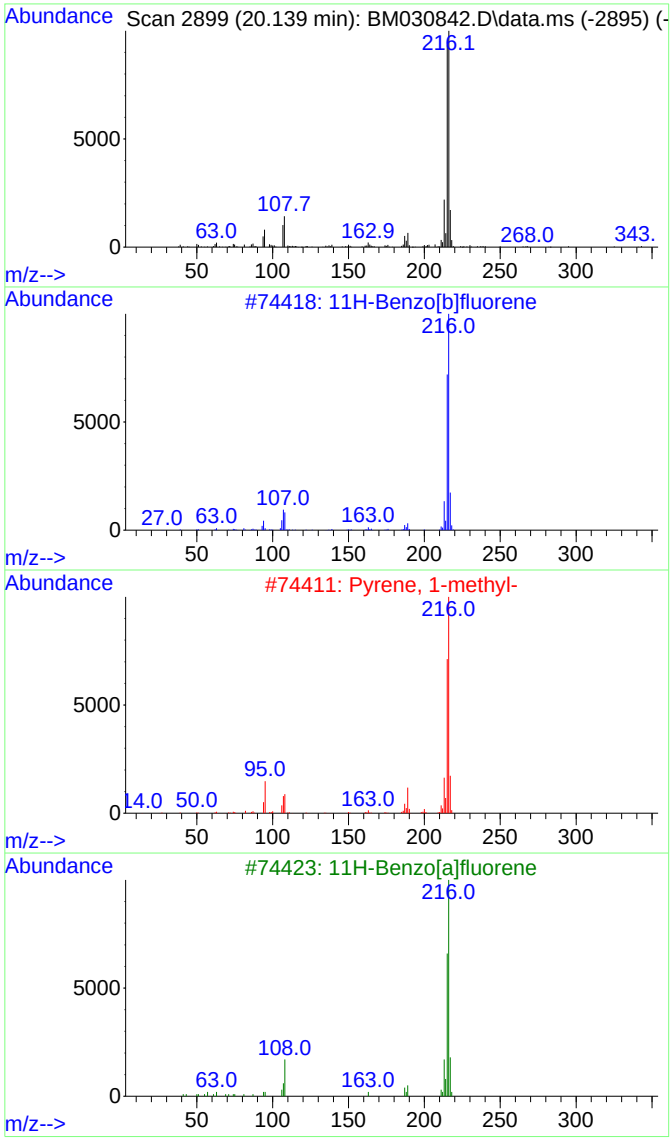
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

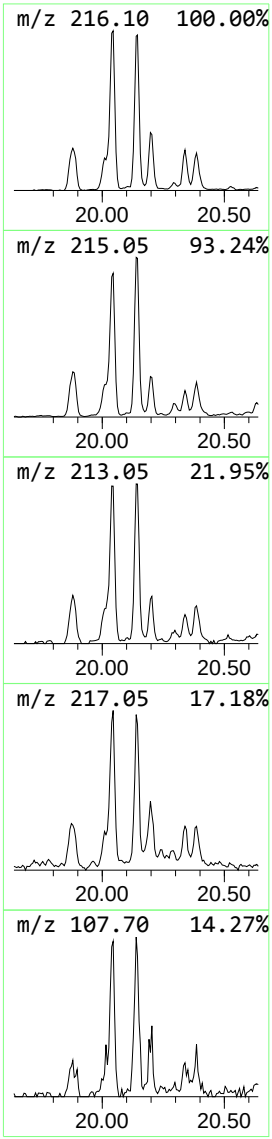
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.140	2.71 ng/ul	259964	Chrysene-d12	21.297

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030842.D
Acq On : 07 Jul 2021 05:28
Operator : CG/JU
Sample : M2854-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS4

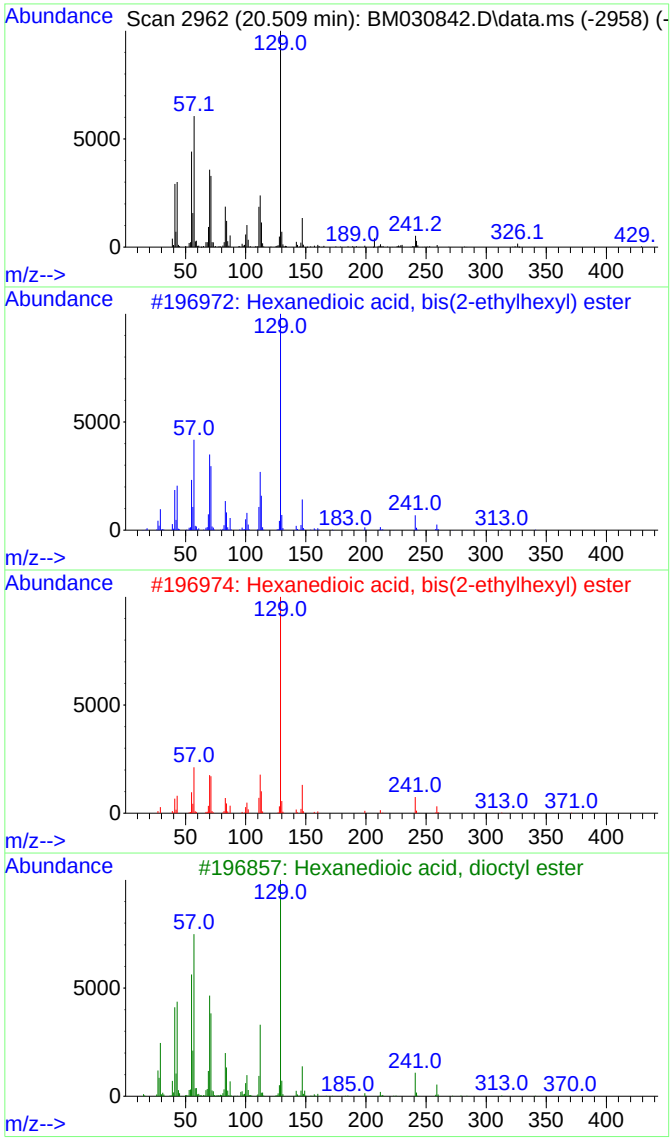
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

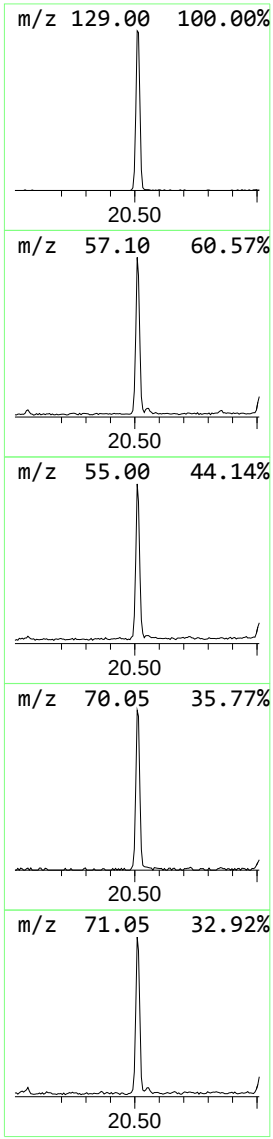
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexanedioic acid, bis(2-eth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.510	3.12 ng/ul	298608	Chrysene-d12	21.297

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	87
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030842.D
Acq On : 07 Jul 2021 05:28
Operator : CG/JU
Sample : M2854-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS4

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
Phenanthrene, 2...	18.000	3.5	ng/ul	229742	4	17.133	1328390	20.0
5H-Dibenzo[a,d]...	18.050	3.9	ng/ul	257108	4	17.133	1328390	20.0
Phenanthrene, 1...	18.130	2.2	ng/ul	144955	4	17.133	1328390	20.0
4H-Cyclopenta[d...	18.200	4.9	ng/ul	327115	4	17.133	1328390	20.0
11H-Benzo[b]flu...	20.040	3.1	ng/ul	296957	5	21.297	1915610	20.0
Pyrene, 1-methyl-	20.140	2.7	ng/ul	259964	5	21.297	1915610	20.0
Hexanedioic aci...	20.510	3.1	ng/ul	298608	5	21.297	1915610	20.0