LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030785.D
Acq On : 02 Jul 2021 21:44
Operator : CG/JU
Sample : M2869-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDY1

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-BM062221.M
Title : SVOA CALIBRATION

Signal : TIC: BM030785.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	36	rVB2	5843	8202	0.52%	0.054%
2	3.675	97	100	105	rVB	4240	5955	0.38%	0.039%
3	3.728	105	109	112	rBV3	11441	18736	1.18%	0.123%
4	3.775	113	117	123	rVV	38028	59788	3.77%	0.392%
5	3.840	126	128	132	rVB5	4828	6678	0.42%	0.044%
6	3.987	149	153	157	rVB	7019	10229	0.64%	0.067%
7	4.540	243	247	253	rBV4	5459	7160	0.45%	0.047%
8	5.428	394	398	408	rVB3	3841	7667	0.48%	0.050%
9	6.457	569	573	580	rVB2	5009	7593	0.48%	0.050%
10	6.940	647	655	666	rBV	84310	157438	9.92%	1.033%
11	7.104	678	683	693	rBV	64756	113399	7.15%	0.744%
12	7.304	710	717	726	rBV	92158	153148	9.65%	1.005%
13	7.769	789	796	805	rBV	264679	421566	26.57%	2.766%
14	7.834	805	807	814	rVB3	4917	8284	0.52%	0.054%
15	8.475	910	916	925	rVV	89576	157322	9.92%	1.032%
16	8.928	986	993	1001	rBV	72884	125834	7.93%	0.826%
17	9.645	1109	1115	1123	rBV2	51758	92859	5.85%	0.609%
18	10.187	1201	1207	1221	rVV	67578	147716	9.31%	0.969%
19	10.551	1261	1269	1276	rVV	327664	566057	35.68%	3.715%
20	10.598	1276	1277	1283	rVB2	7739	9172	0.58%	0.060%
21	10.710	1288	1296	1311	rBV	41315	102337	6.45%	0.672%
22	13.810	1817	1823	1828	rVV	135369	208723	13.15%	1.370%
23	13.863	1828	1832	1841	rVV	58017	96368	6.07%	0.632%
24	14.092	1862	1871	1884	rBV	168162	280105	17.65%	1.838%
25	14.304	1902	1907	1913	rVB3	4254	5401	0.34%	0.035%
26	14.398	1915	1923	1930	rBV	455396	673844	42.47%	4.422%
27	14.463	1931	1934	1940	rVB3	8869	12182	0.77%	0.080%
28	14.627	1955	1962	1978	rBV3	13805	43032	2.71%	0.282%
29	14.798	1987	1991	1997	rBV6	6277	10171	0.64%	0.067%
30	15.010	2023	2027	2033	rVB5	4569	7793	0.49%	0.051%
31	15.069	2033	2037	2045	rBV3	4461	7188	0.45%	0.047%
32	15.192	2051	2058	2061	rBV5	4452	8216	0.52%	0.054%
33	15.251	2066	2068	2076	rVB6	3376	5574	0.35%	0.037%
34	15.392	2085	2092	2098	rVV	222885	332324	20.94%	2.181%
35	15.445	2098	2101	2106	rVV2	12421	20225	1.27%	0.133%
36	15.521	2110	2114	2126	rBV4	20839	38570	2.43%	0.253%

LSC Area Percent Report

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Sample : M2869-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDY1

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-BM062221.M
Title : SVOA CALIBRATION

37	15.745	2147	2152	2158	rVB2	9731	13913	0.88%	0.091%
38	15.892	2172	2177	2185	rVB	10705	20850	1.31%	0.137%
39	16.121	2211	2216	2223	rBV8	6701	13888	0.88%	0.091%
40	16.286	2241	2244	2250	rVB5	3230	5506	0.35%	0.036%
41	16.451	2265	2272	2277	rVV2	13214	25856	1.63%	0.170%
42	16.498	2277	2280	2286	rVB2	5730	7678	0.48%	0.050%
43	16.598	2291	2297	2300	rBV4	5268	7399	0.47%	0.049%
44	16.674	2303	2310	2313	rBV2	15068	23497	1.48%	0.154%
45	16.716	2313	2317	2320	rVB2	10263	11889	0.75%	0.078%
46	16.745	2320	2322	2327	rVB3	5479	6214	0.39%	0.041%
47	16.798	2327	2331	2338	rVB5	6572	12525	0.79%	0.082%
48	16.868	2338	2343	2346	rBV2	14034	24202	1.53%	0.159%
49	16.957	2354	2358	2366	rVB5	10797	19633	1.24%	0.129%
50	17.139	2383	2389	2393	rBV	501293	724249	45.65%	4.753%
51	17.180	2393	2396	2401	rVV	228526	315686	19.90%	2.072%
52	17.239	2401	2406	2409	rVV2	209543	331804	20.91%	2.177%
53	17.268	2409	2411	2417	rVV	129051	167733	10.57%	1.101%
54	17.321	2417	2420	2427	rVV4	9476	20643	1.30%	0.135%
55	17.415	2432	2436	2440	rBV6	4221	6447	0.41%	0.042%
56	17.574	2460	2463	2470	rVV4	8499	16854	1.06%	0.111%
57	17.657	2474	2477	2480	rVB2	8186	10358	0.65%	0.068%
58	17.804	2497	2502	2506	rBV8	4311	7157	0.45%	0.047%
59	17.851	2508	2510	2517	rVB6	5186	8488	0.53%	0.056%
60	18.010	2532	2537	2542	rBV	53353	97104	6.12%	0.637%
61	18.057	2542	2545	2551	rVV	82405	118649	7.48%	0.779%
62	18.145	2553	2560	2564	rVV	58921	90210	5.69%	0.592%
63	18.210	2565	2571	2575	rVV	93059	176664	11.13%	1.159%
64	18.245	2575	2577	2585	rVB	41581	53142	3.35%	0.349%
65	18.333	2587	2592	2594	rBV4	4910	6930	0.44%	0.045%
66	18.462	2610	2614	2619	rVV	40767	70052	4.42%	0.460%
67	18.510	2619	2622	2628	rVB	45912	70201	4.42%	0.461%
68	18.610	2635	2639	2642	rBV5	7384	10561	0.67%	0.069%
69	18.757	2661	2664	2667	rVV3	14034	16653	1.05%	0.109%
70	18.810	2669	2673	2676	rBV2	15168	18264	1.15%	0.120%
71	18.845	2676	2679	2684	rVB2	13966	17520	1.10%	0.115%
72	18.927	2688	2693	2698	rBV	37343	69618	4.39%	0.457%
73	18.992	2700	2704	2707	rBV3	17154	23972	1.51%	0.157%
74	19.062	2713	2716	2719	rBV	13488	18557	1.17%	0.122%
75	19.192	2732	2738	2745	rBV	735444	1005462	63.37%	6.598%
76	19.251	2746	2748	2752	rVB2	12097	15128	0.95%	0.099%

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Acq On : 02 Jul 2021 21:44
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Sample : M2869-11
Misc :
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Instrument : BNA_M
ClientSampleId : BGDY1

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Title : SVOA CALIBRATION

77	19.292	2752	2755	2759	rBV4	12206	14424	0.91%	0.095%
78	19.345	2759	2764	2768	rBV	61133	87344	5.50%	0.573%
79	19.433	2775	2779	2788	rVB3	17856	39930	2.52%	0.262%
80	19.521	2789	2794	2797	rVV2	384671	594523	37.47%	3.902%
81	19.551	2797	2799	2808	rVV	483439	628554	39.61%	4.125%
82	19.627	2808	2812	2819	rVB2	38251	62848	3.96%	0.412%
83	19.733	2825	2830	2835	rVB	44684	66686	4.20%	0.438%
84	19.880	2849	2855	2862	rBV4	49812	124814	7.87%	0.819%
85	20.015	2872	2878	2879	rBV3	36319	57680	3.64%	0.379%
86	20.045	2879	2883	2889	rVB	142049	213140	13.43%	1.399%
87	20.145	2896	2900	2905	rBV	144418	194113	12.23%	1.274%
88	20.204	2905	2910	2915	rVB3	70422	115914	7.31%	0.761%
89	20.298	2921	2926	2930	rBV4	24026	48257	3.04%	0.317%
90	20.345	2931	2934	2937	rVV	27958	34891	2.20%	0.229%
91	20.392	2938	2942	2947	rVV3	33048	57172	3.60%	0.375%
92	20.515	2959	2963	2970	rBV	1056053	1217039	76.70%	7.987%
93	20.956	3035	3038	3041	rBV	34531	41608	2.62%	0.273%
94	20.992	3041	3044	3047	rBV	57533	71908	4.53%	0.472%
95	21.303	3090	3097	3101	rBV2	848598	1586667	100.00%	10.412%
96	21.339	3101	3103	3111	rVB	342195	443392	27.94%	2.910%
97	21.456	3120	3123	3130	rBV	55570	96301	6.07%	0.632%
98	22.880	3359	3365	3370	rBV	259716	641925	40.46%	4.213%
99	23.409	3451	3455	3459	rBV	134629	238030	15.00%	1.562%
100	23.550	3473	3479	3487	rBV2	477654	943101	59.44%	6.189%

Sum of corrected areas: 15238273

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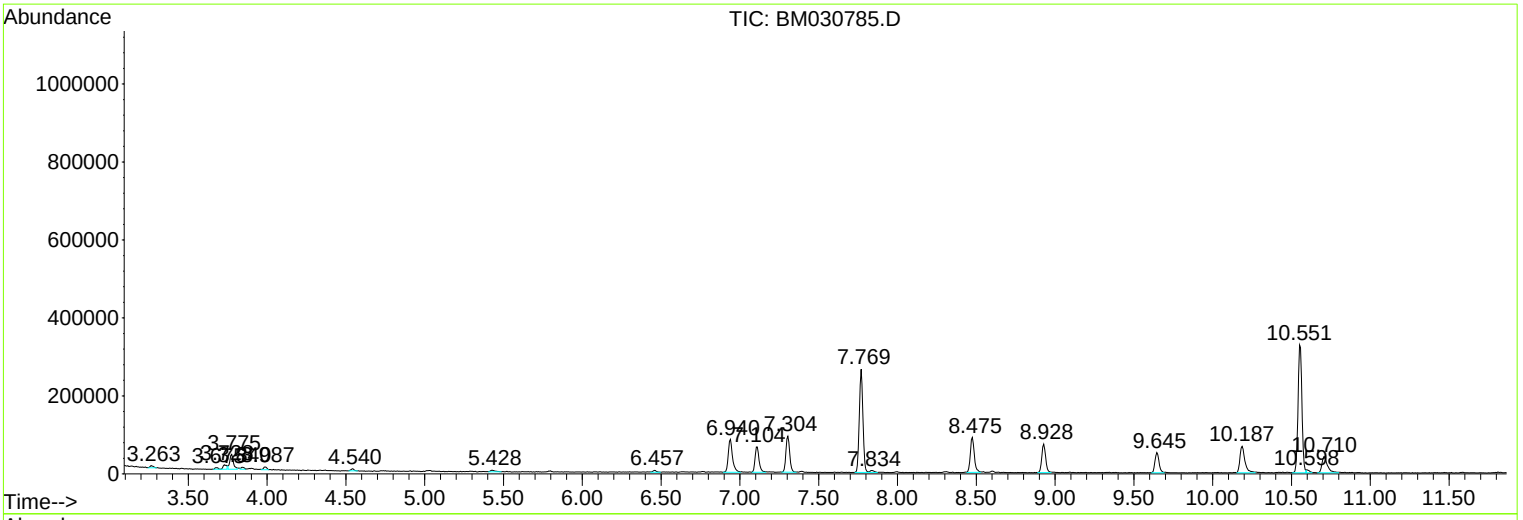
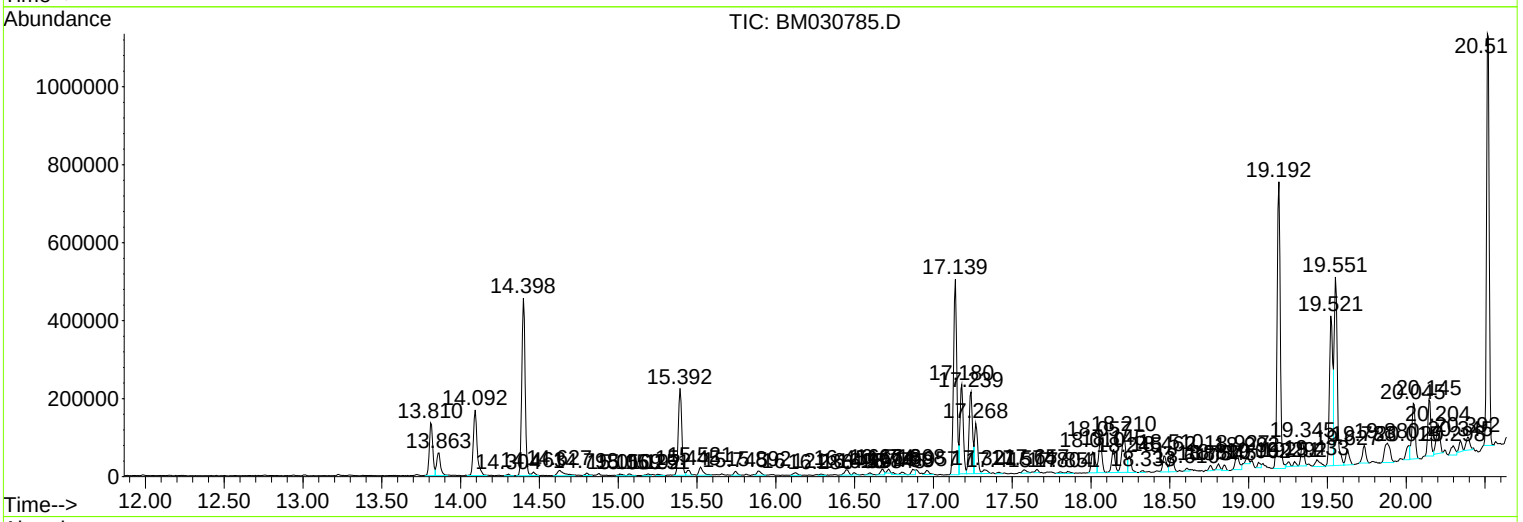
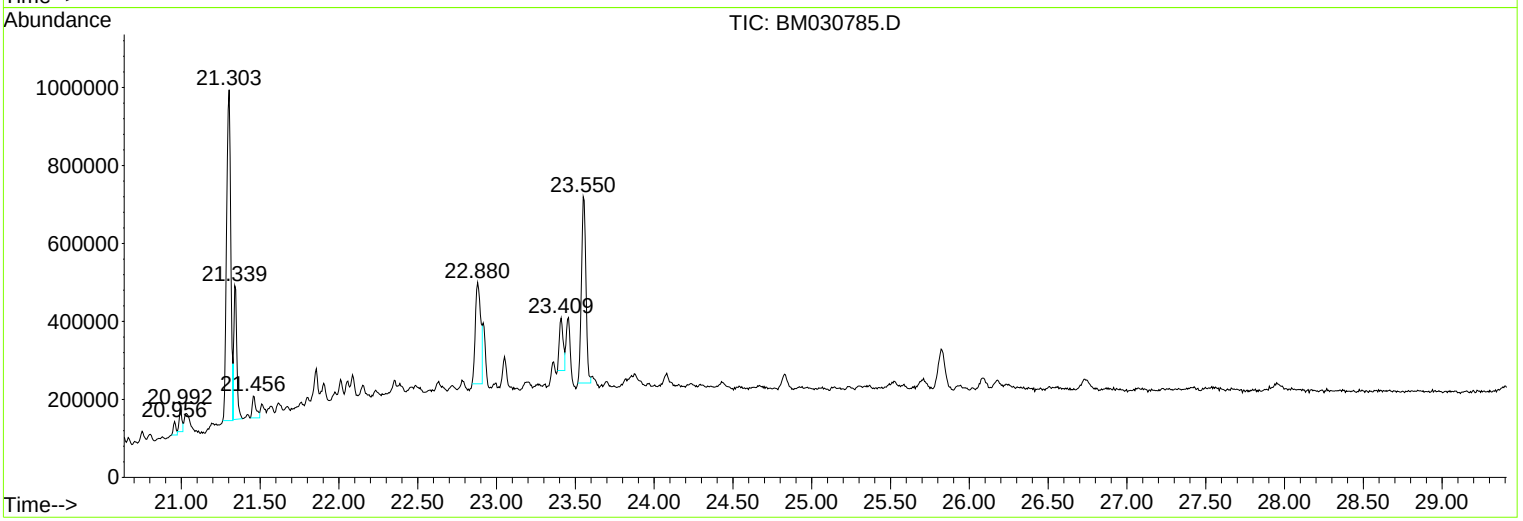
Instrument :
BNA_M
ClientSampleId :
BGDY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030785.D
Acq On : 02 Jul 2021 21:44
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Sample : M2869-11
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Instrument :
BNA_M
ClientSampleId :
BGDY1

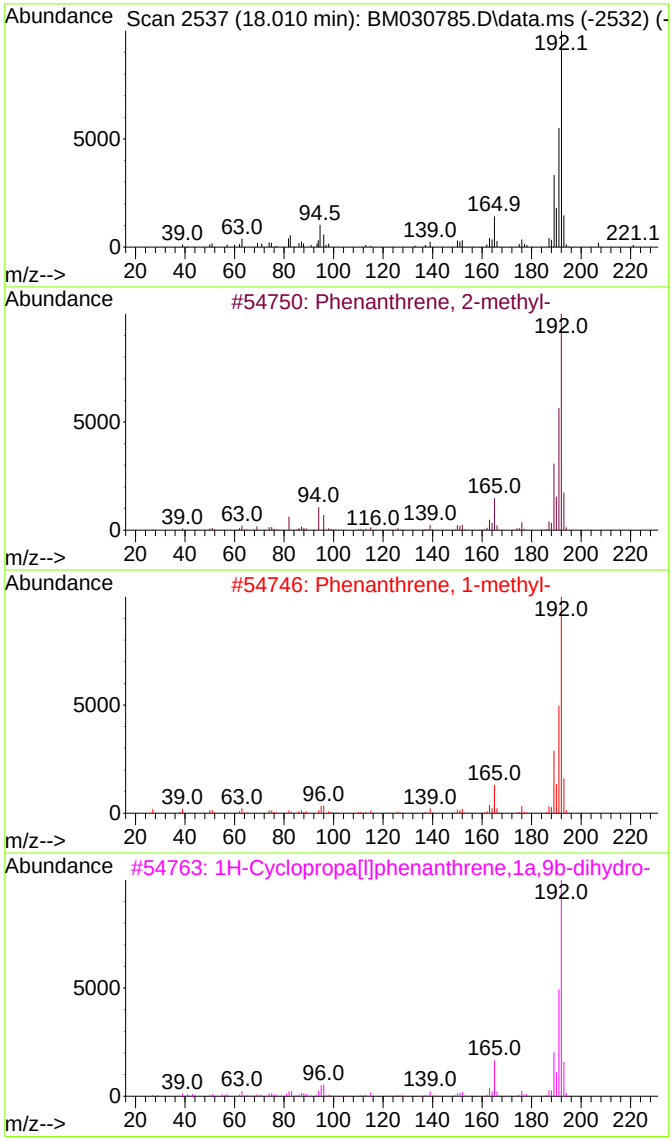
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

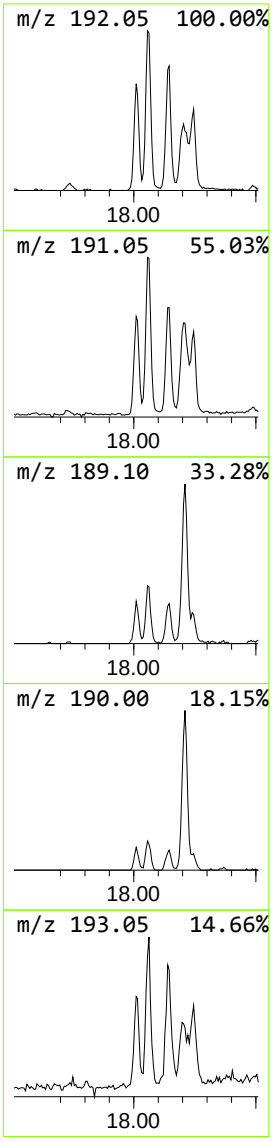
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	2.68 ng/ul	97104	Phenanthrene-d10	17.139

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030785.D
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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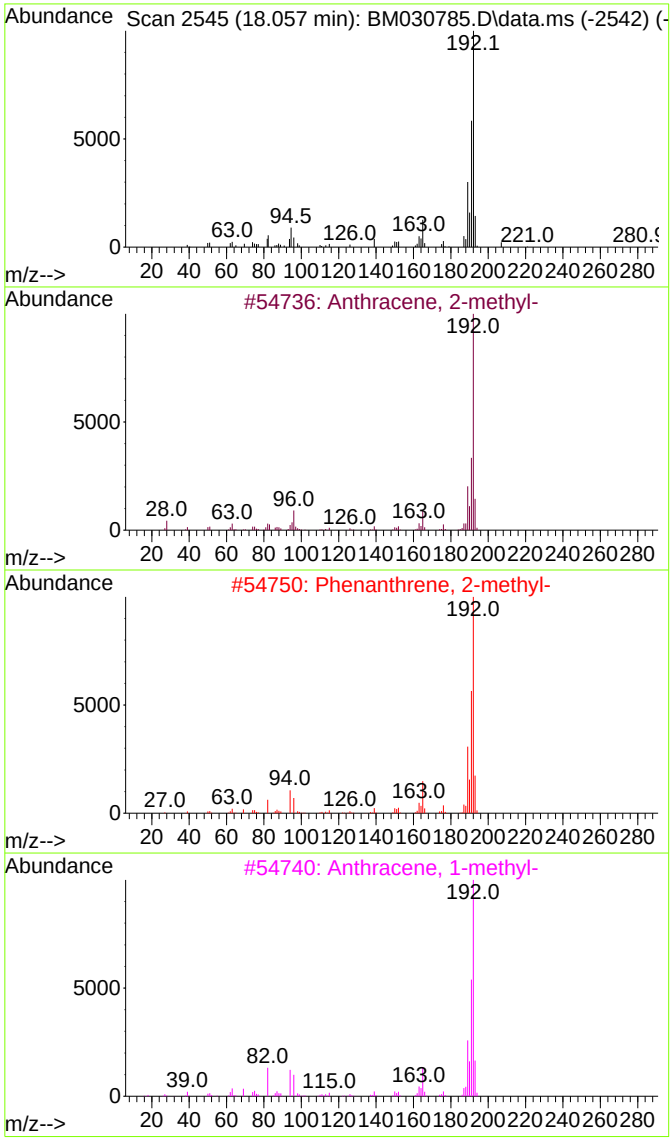
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

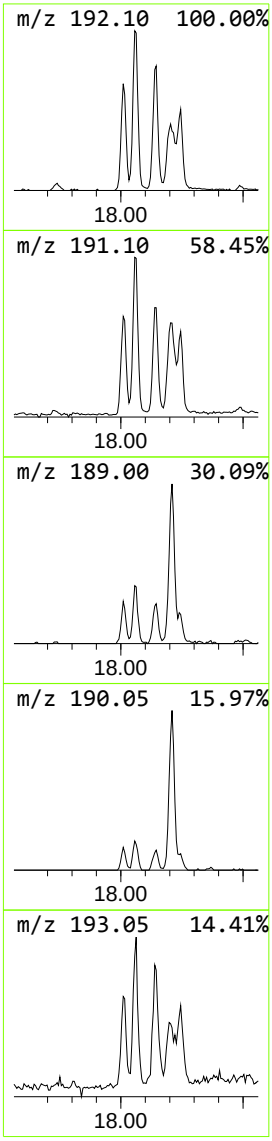
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.060	3.28 ng/ul	118649	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Misc :
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Instrument : BNA_M
ClientSampleId : BGDY1

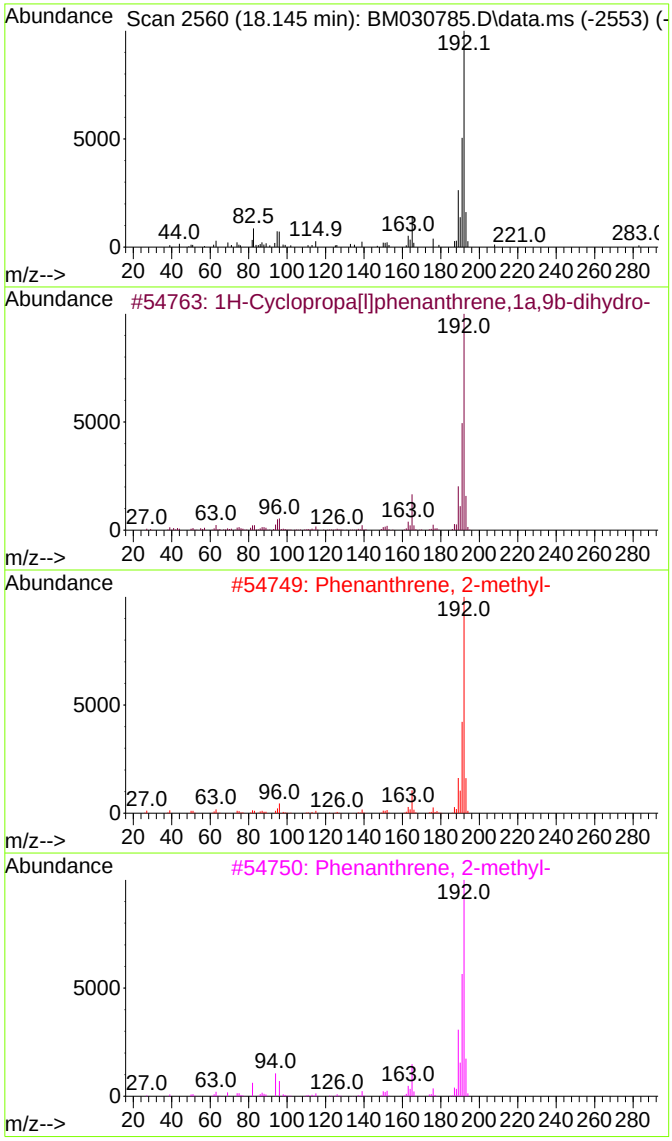
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

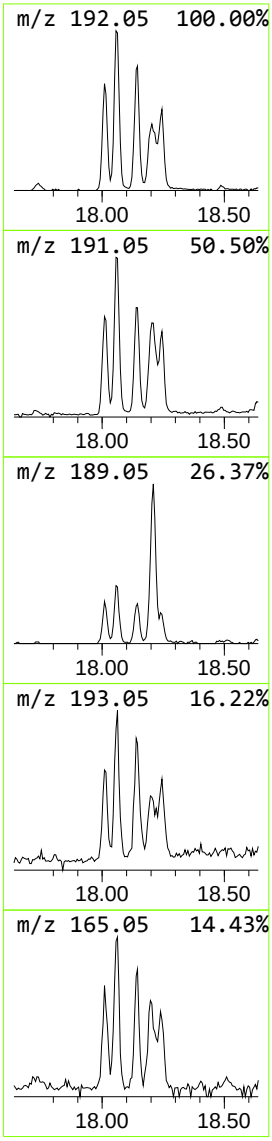
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	2.49 ng/ul	90210	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030785.D
Acq On : 02 Jul 2021 21:44
Operator : CG/JU
Sample : M2869-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDY1

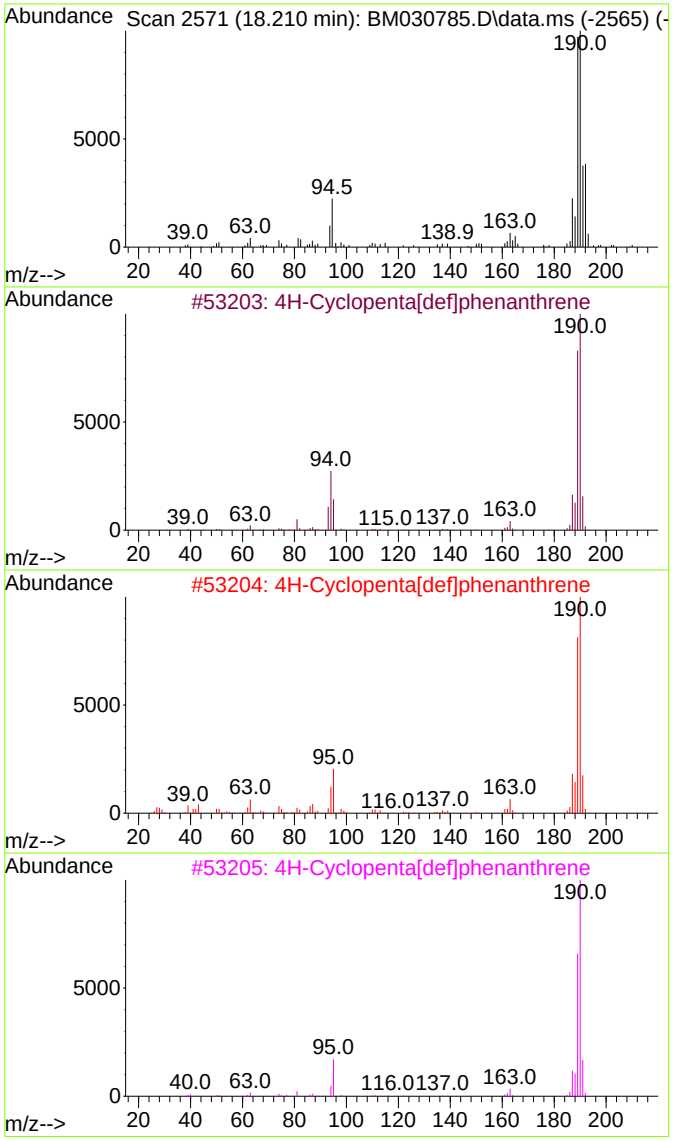
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

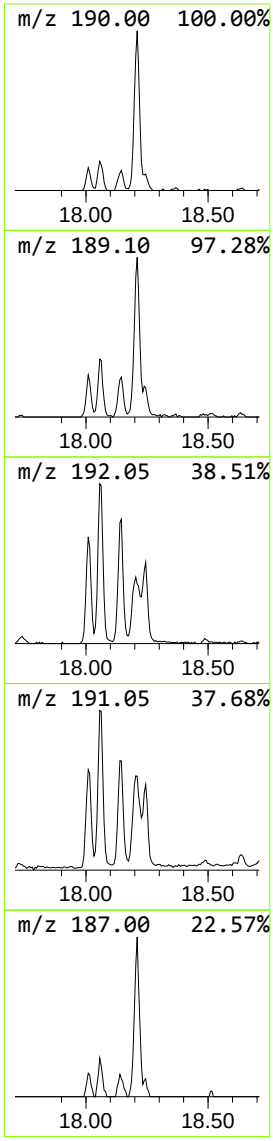
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	4.88 ng/ul	176664	Phenanthrene-d10	17.139

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	58
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030785.D
Acq On : 02 Jul 2021 21:44
Operator : CG/JU
Sample : M2869-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

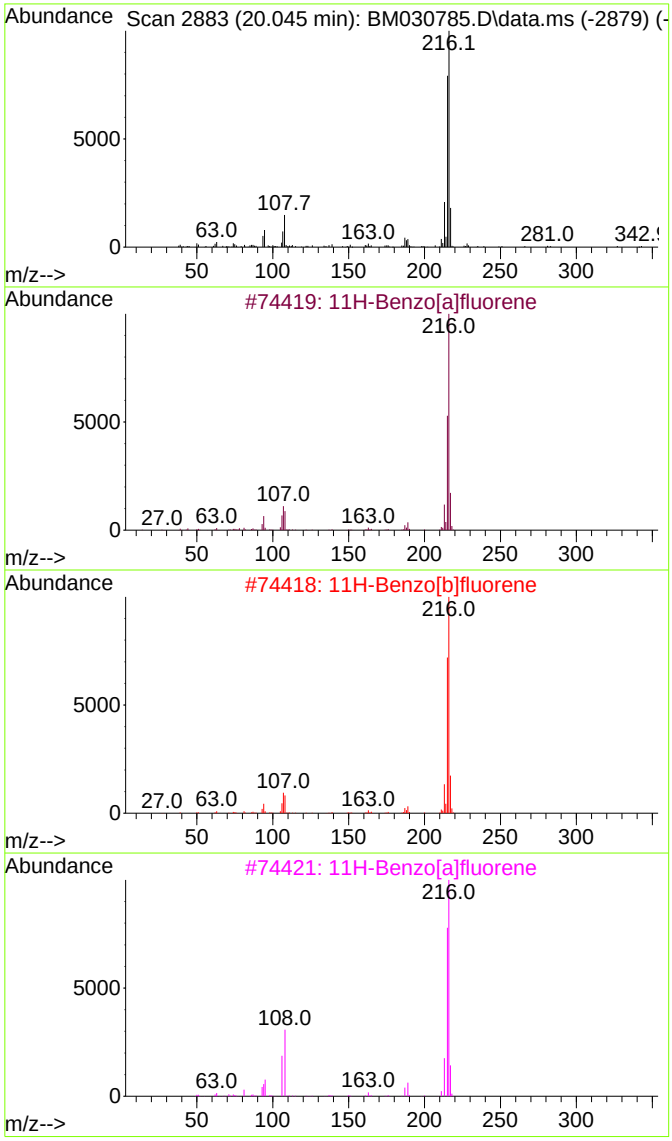
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

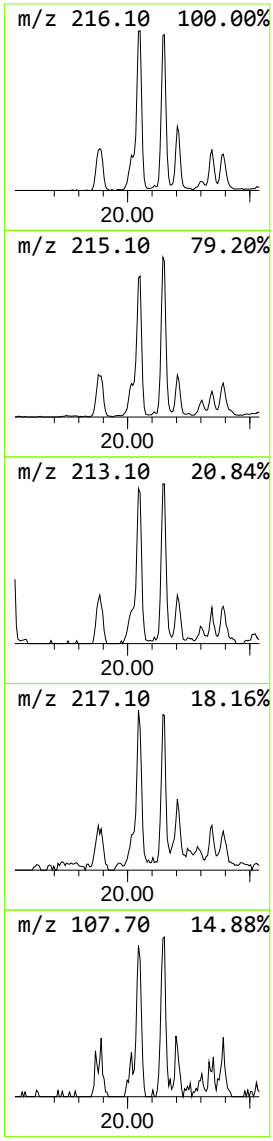
****

Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.040	2.69 ng/ul	213140	Chrysene-d12	21.304

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





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Data File : BM030785.D
Acq On : 02 Jul 2021 21:44
Operator : CG/JU
Sample : M2869-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

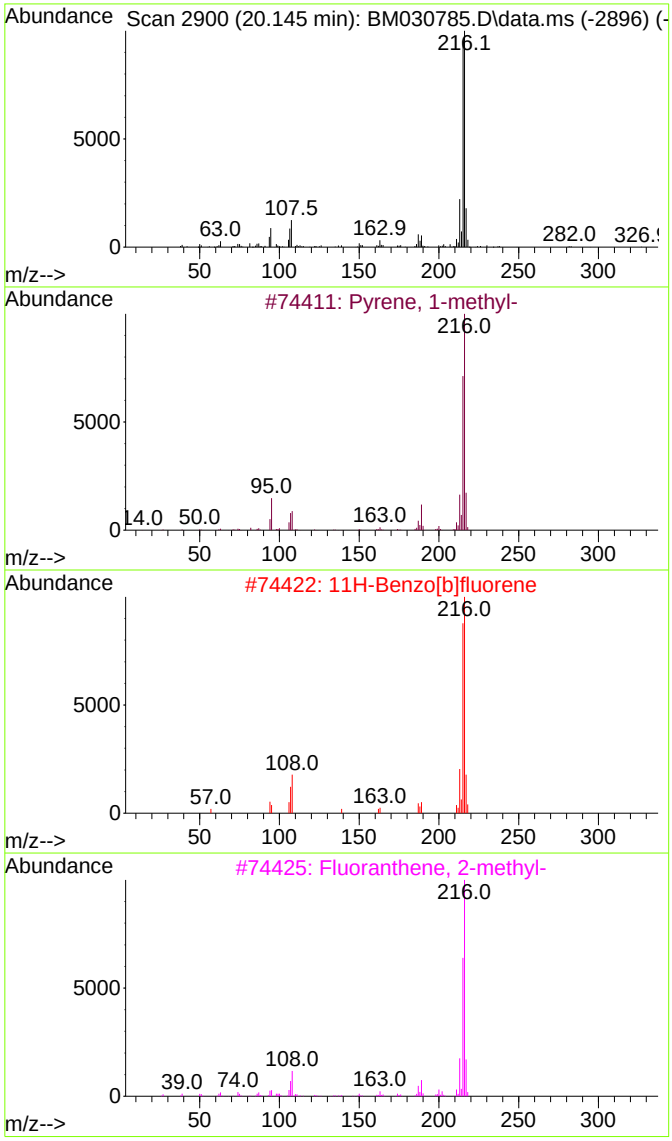
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

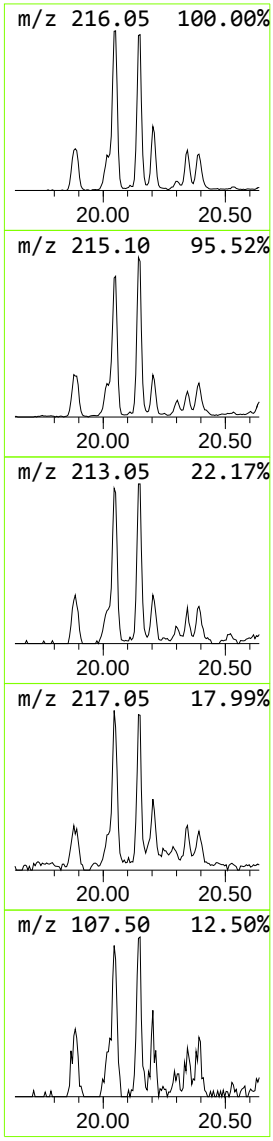
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.140	2.45 ng/ul	194113	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030785.D
Acq On : 02 Jul 2021 21:44
Operator : CG/JU
Sample : M2869-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDY1

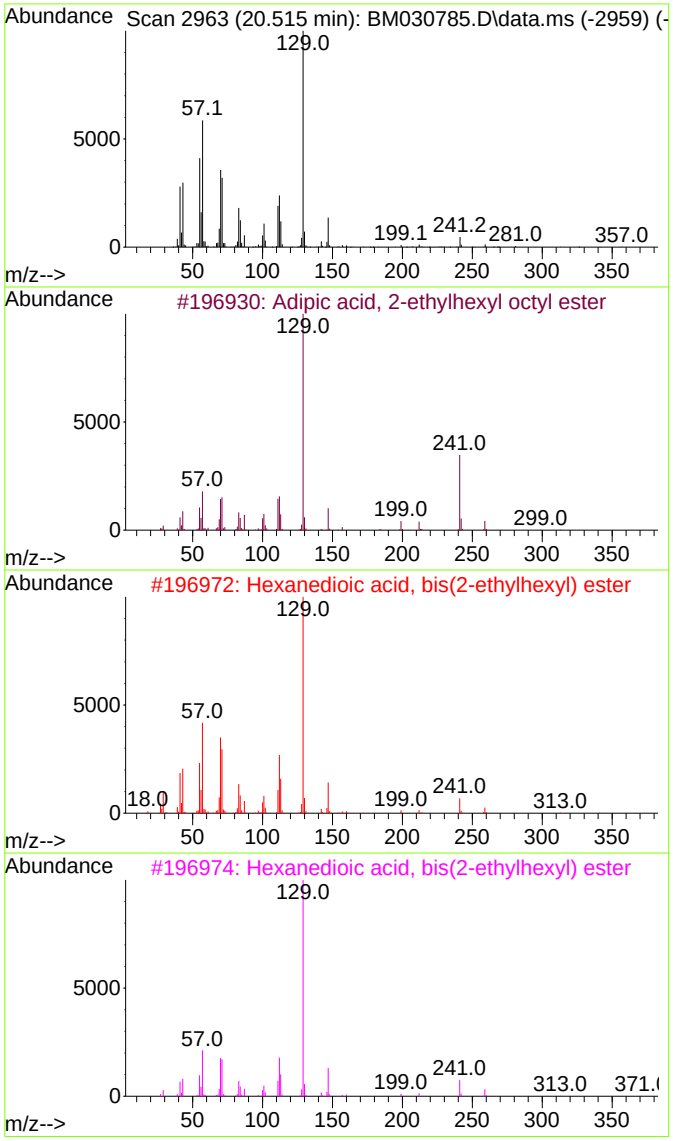
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

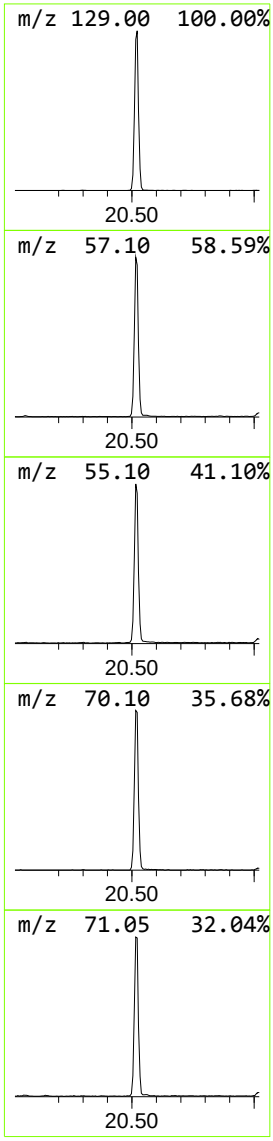
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Adipic acid, 2-ethylhexyl o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	15.34 ng/ul	1217040	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030785.D
Acq On : 02 Jul 2021 21:44
Operator : CG/JU
Sample : M2869-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.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...	18.010	2.7	ng/ul	97104	4	17.139	724249	20.0
Anthracene, 2-m...	18.060	3.3	ng/ul	118649	4	17.139	724249	20.0
1H-Cyclopropa[l...	18.140	2.5	ng/ul	90210	4	17.139	724249	20.0
4H-Cyclopenta[d...	18.210	4.9	ng/ul	176664	4	17.139	724249	20.0
11H-Benzo[a]flu...	20.040	2.7	ng/ul	213140	5	21.304	1586670	20.0
Pyrene, 1-methyl-	20.140	2.5	ng/ul	194113	5	21.304	1586670	20.0
Adipic acid, 2-...	20.520	15.3	ng/ul	1217040	5	21.304	1586670	20.0