LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030801.D
Acq On : 03 Jul 2021 08:00
Operator : CG/JU
Sample : M2869-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX0

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: BM030801.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	37	rVB2	6011	8513	0.46%	0.052%
2	3.722	104	108	111	rBV2	12931	20832	1.13%	0.128%
3	3.769	114	116	122	rVB3	9589	15664	0.85%	0.096%
4	3.987	149	153	160	rVB	10619	16501	0.89%	0.101%
5	5.422	393	397	406	rVB2	7196	15310	0.83%	0.094%
6	5.787	455	459	463	rBV5	4318	6782	0.37%	0.042%
7	6.934	648	654	670	rVB	99335	179428	9.69%	1.102%
8	7.104	678	683	693	rBV	77867	127938	6.91%	0.785%
9	7.298	710	716	725	rVV	109994	181796	9.82%	1.116%
10	7.769	785	796	803	rBV	391120	632997	34.20%	3.886%
11	7.834	803	807	813	rVB2	5093	7870	0.43%	0.048%
12	7.987	829	833	840	rBV6	3084	6729	0.36%	0.041%
13	8.298	883	886	891	rBV3	3342	5053	0.27%	0.031%
14	8.469	909	915	926	rVV	107400	184100	9.95%	1.130%
15	8.604	931	938	941	rBV3	2962	5225	0.28%	0.032%
16	8.922	987	992	1006	rVB	86287	151701	8.20%	0.931%
17	9.645	1108	1115	1126	rBV	64139	116437	6.29%	0.715%
18	10.181	1200	1206	1221	rBV	86842	179541	9.70%	1.102%
19	10.551	1261	1269	1275	rBV	498545	847663	45.80%	5.204%
20	10.604	1275	1278	1284	rVB	18389	28093	1.52%	0.172%
21	10.698	1286	1294	1308	rBV	68199	158550	8.57%	0.973%
22	12.439	1586	1590	1594	rBV3	2141	3793	0.20%	0.023%
23	13.298	1729	1736	1741	rVB5	2543	4987	0.27%	0.031%
24	13.580	1780	1784	1788	rVB4	2801	4358	0.24%	0.027%
25	13.721	1801	1808	1813	rBV2	7000	11858	0.64%	0.073%
26	13.810	1818	1823	1827	rVV	171858	245392	13.26%	1.507%
27	13.857	1827	1831	1840	rVV	67792	104208	5.63%	0.640%
28	13.957	1844	1848	1851	rBV3	4019	5264	0.28%	0.032%
29	14.086	1861	1870	1884	rBV	207696	347386	18.77%	2.133%
30	14.298	1901	1906	1911	rVB4	3105	4772	0.26%	0.029%
31	14.398	1914	1923	1929	rBV	682320	1024243	55.34%	6.288%
32	14.463	1929	1934	1943	rVB	42874	72431	3.91%	0.445%
33	14.621	1956	1961	1971	rBV4	17466	47934	2.59%	0.294%
34	14.798	1986	1991	1996	rBV2	13391	21150	1.14%	0.130%
35	14.874	2000	2004	2008	rVB	7707	10075	0.54%	0.062%
36	14.951	2012	2017	2023	rBV2	4271	6526	0.35%	0.040%

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Sample : M2869-02
Misc :
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Instrument : BNA_M
ClientSampleId : BGDX0

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	15.016	2023	2028	2033	rVB4	5748	9560	0.52%	0.059%
38	15.068	2033	2037	2041	rBV2	5430	7789	0.42%	0.048%
39	15.186	2050	2057	2060	rBV4	6559	11126	0.60%	0.068%
40	15.221	2060	2063	2065	rVV3	3316	3907	0.21%	0.024%
41	15.257	2065	2069	2076	rVB4	3368	7219	0.39%	0.044%
42	15.392	2086	2092	2097	rBV	254682	390557	21.10%	2.398%
43	15.445	2097	2101	2110	rVB3	30920	51005	2.76%	0.313%
44	15.521	2110	2114	2120	rBV2	22430	41202	2.23%	0.253%
45	15.604	2125	2128	2133	rVV4	8533	13853	0.75%	0.085%
46	15.657	2133	2137	2140	rVV6	6901	10475	0.57%	0.064%
47	15.692	2140	2143	2147	rVV	5868	9239	0.50%	0.057%
48	15.739	2147	2151	2157	rVV2	17214	26406	1.43%	0.162%
49	15.810	2159	2163	2168	rVB5	5866	8856	0.48%	0.054%
50	15.892	2172	2177	2183	rVB2	12118	25951	1.40%	0.159%
51	15.980	2187	2192	2198	rBV5	3875	7366	0.40%	0.045%
52	16.121	2211	2216	2223	rVB6	6536	14056	0.76%	0.086%
53	16.445	2263	2271	2276	rBV4	16604	35322	1.91%	0.217%
54	16.492	2276	2279	2285	rVB5	6967	9545	0.52%	0.059%
55	16.592	2292	2296	2301	rVB4	7987	12436	0.67%	0.076%
56	16.674	2303	2310	2314	rBV3	12129	23321	1.26%	0.143%
57	16.715	2314	2317	2319	rVB4	7540	8404	0.45%	0.052%
58	16.798	2328	2331	2338	rVB6	8260	13431	0.73%	0.082%
59	16.868	2338	2343	2345	rBV2	10931	18270	0.99%	0.112%
60	16.957	2354	2358	2366	rVB	16278	27852	1.50%	0.171%
61	17.133	2381	2388	2392	rBV	747138	1112813	60.13%	6.832%
62	17.174	2392	2395	2400	rVV	311325	465191	25.13%	2.856%
63	17.233	2400	2405	2409	rVV	283586	437650	23.65%	2.687%
64	17.268	2409	2411	2417	rVV	121371	151916	8.21%	0.933%
65	17.321	2417	2420	2427	rVB4	10880	22219	1.20%	0.136%
66	17.545	2454	2458	2460	rVV4	5015	7774	0.42%	0.048%
67	17.574	2461	2463	2468	rVV6	6776	10776	0.58%	0.066%
68	17.657	2474	2477	2483	rVB3	7320	12411	0.67%	0.076%
69	17.721	2485	2488	2491	rBV5	3944	6134	0.33%	0.038%
70	17.909	2516	2520	2522	rBV5	2683	3835	0.21%	0.024%
71	18.009	2532	2537	2541	rBV	50994	90245	4.88%	0.554%
72	18.057	2541	2545	2550	rVB	67546	99995	5.40%	0.614%
73	18.139	2555	2559	2565	rVV	39578	57852	3.13%	0.355%
74	18.209	2565	2571	2574	rVV2	77663	140568	7.59%	0.863%
75	18.239	2574	2576	2586	rVB2	31768	45310	2.45%	0.278%
76	18.321	2586	2590	2594	rBV6	7672	12103	0.65%	0.074%

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Misc :
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Instrument : BNA_M
ClientSampleId : BGDX0

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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Title : SVOA CALIBRATION

77	18.368	2595	2598	2601	rBV5	3780	6286	0.34%	0.039%
78	18.462	2610	2614	2619	rBV	32011	52232	2.82%	0.321%
79	18.509	2619	2622	2627	rVB	28695	41942	2.27%	0.257%
80	18.586	2632	2635	2640	rVB8	13191	18559	1.00%	0.114%
81	18.756	2661	2664	2667	rBV4	10153	13680	0.74%	0.084%
82	18.845	2676	2679	2683	rVB2	9740	11755	0.64%	0.072%
83	18.927	2688	2693	2696	rBV3	31471	53824	2.91%	0.330%
84	19.062	2713	2716	2718	rBV3	20489	26494	1.43%	0.163%
85	19.186	2732	2737	2744	rBV	515420	761884	41.16%	4.678%
86	19.339	2752	2763	2766	rBV2	78841	222424	12.02%	1.366%
87	19.521	2789	2794	2797	rBV2	400632	607810	32.84%	3.732%
88	19.551	2797	2799	2808	rVB	359133	447553	24.18%	2.748%
89	19.621	2808	2811	2818	rVB3	24410	43413	2.35%	0.267%
90	19.733	2826	2830	2835	rVB	27721	44879	2.42%	0.276%
91	19.868	2850	2853	2854	rBV3	36388	37923	2.05%	0.233%
92	20.050	2880	2884	2892	rVB2	127692	245151	13.25%	1.505%
93	20.145	2897	2900	2905	rVB	135892	177291	9.58%	1.088%
94	20.515	2959	2963	2969	rVB	639853	687658	37.15%	4.222%
95	21.303	3090	3097	3101	rBV2	1181624	1850806	100.00%	11.363%
96	21.339	3101	3103	3110	rVB	223558	268657	14.52%	1.649%
97	21.727	3167	3169	3173	rBV	61834	81819	4.42%	0.502%
98	22.880	3361	3365	3370	rBV	116908	237343	12.82%	1.457%
99	23.409	3450	3455	3459	rBV	211475	392611	21.21%	2.410%
100	23.550	3473	3479	3497	rVB2	816658	1681213	90.84%	10.322%

Sum of corrected areas: 16288247

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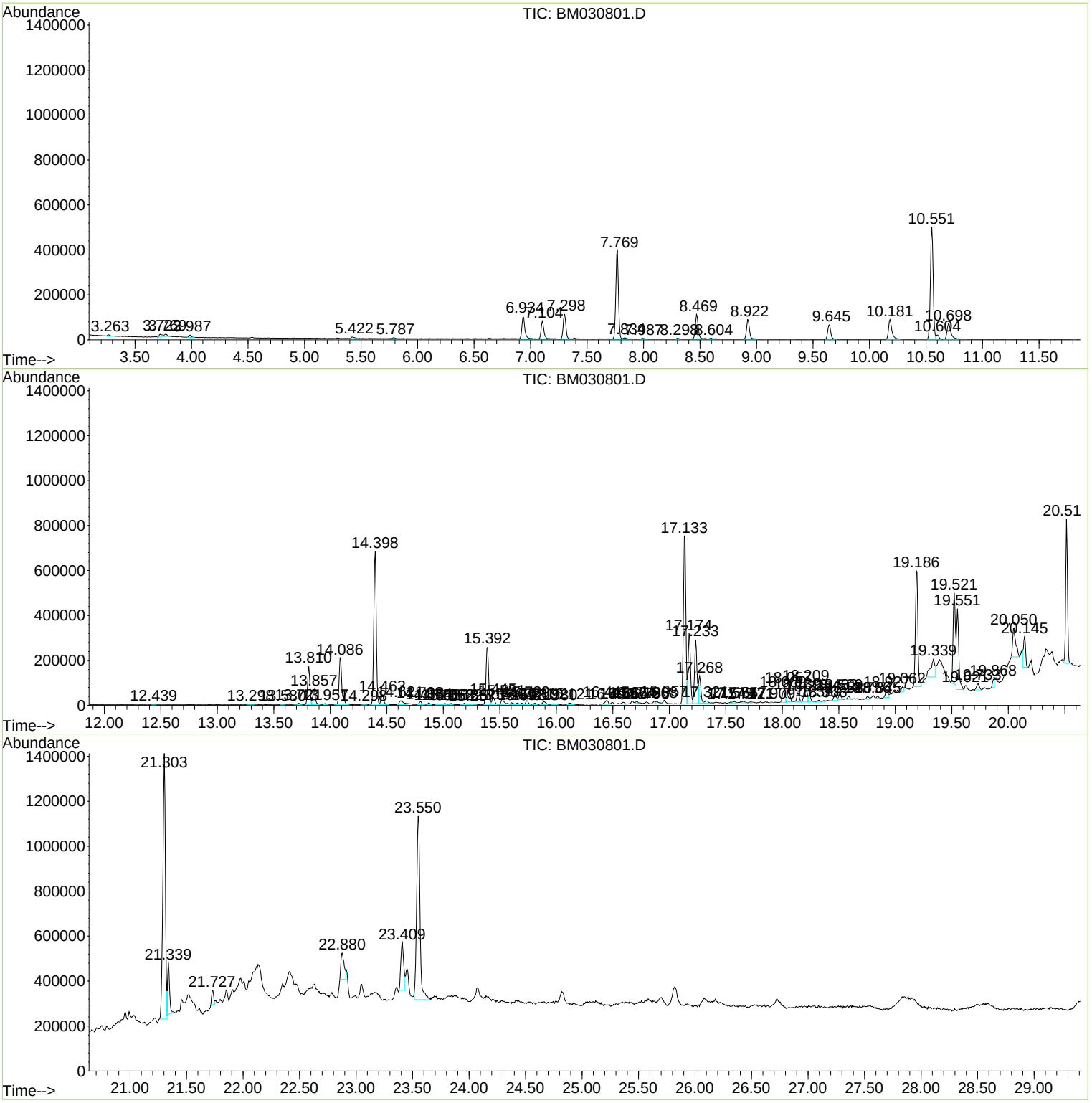
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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



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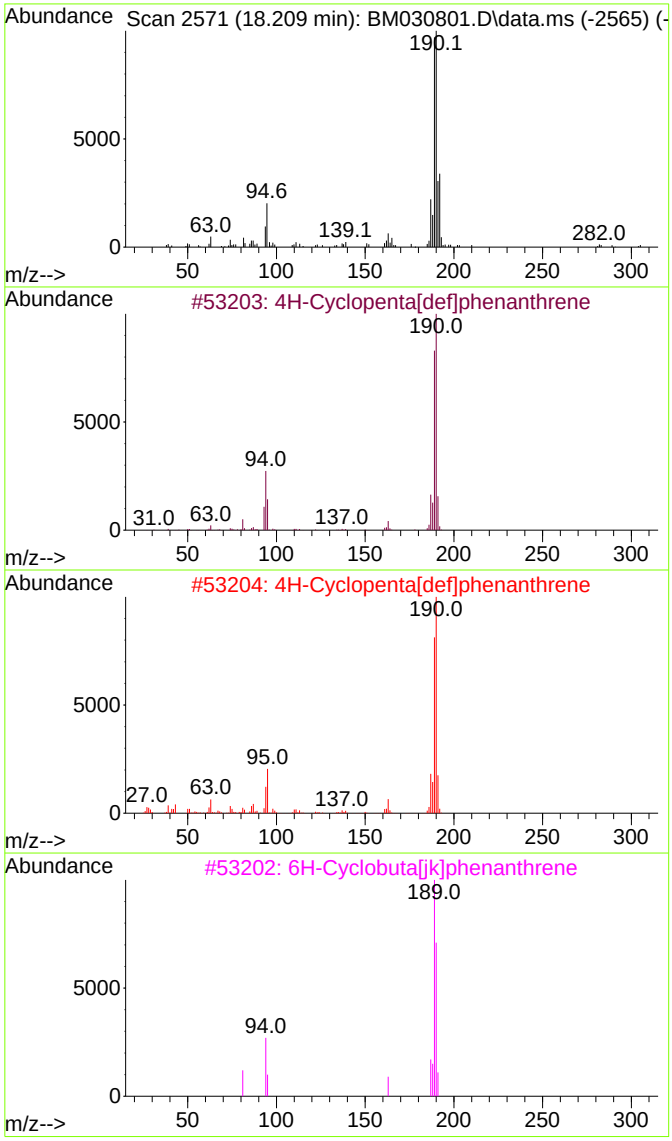
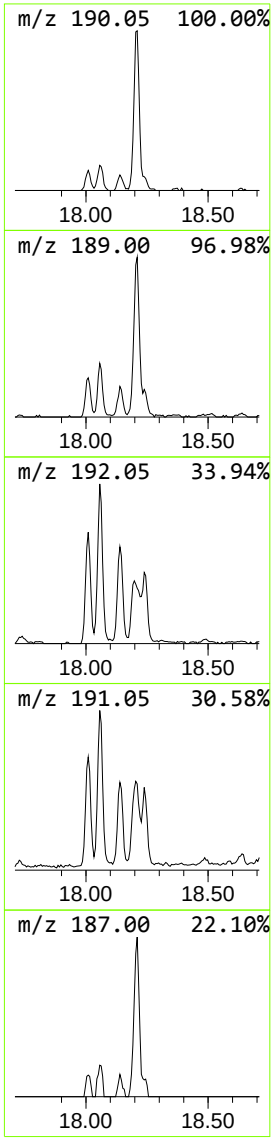
****
Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	2.53 ng/ul	140568	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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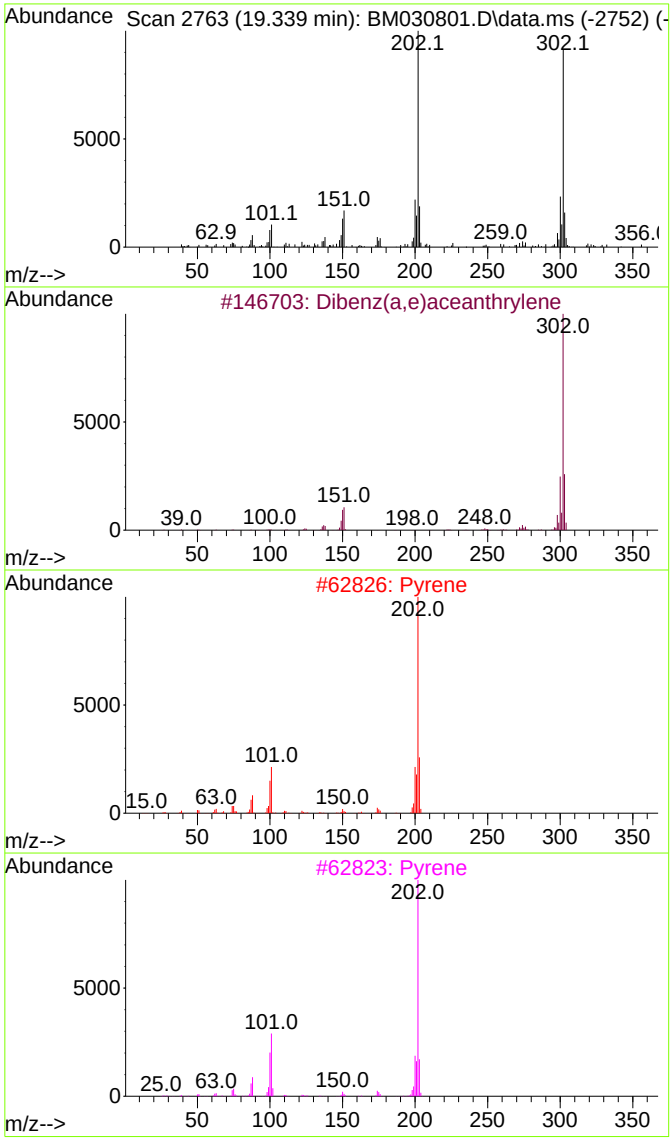
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

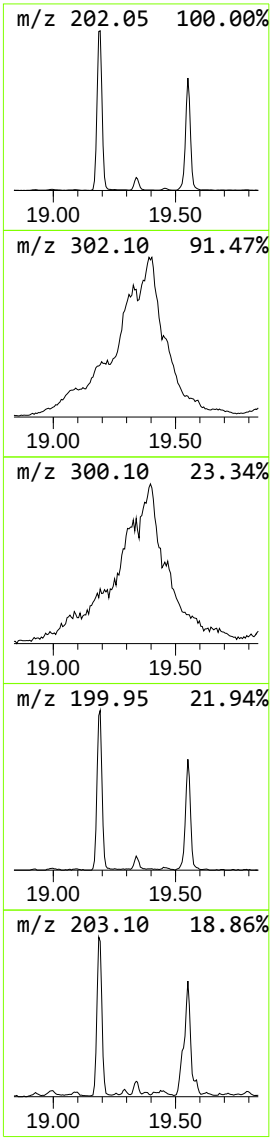
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenz(a,e)aceanthrylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.340	2.40 ng/ul	222424	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	56
2	Pyrene	202	C16H10	000129-00-0	42
3	Pyrene	202	C16H10	000129-00-0	42
4	Pyrene	202	C16H10	000129-00-0	42
5	Fluoranthene	202	C16H10	000206-44-0	42





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ALS Vial : 24 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

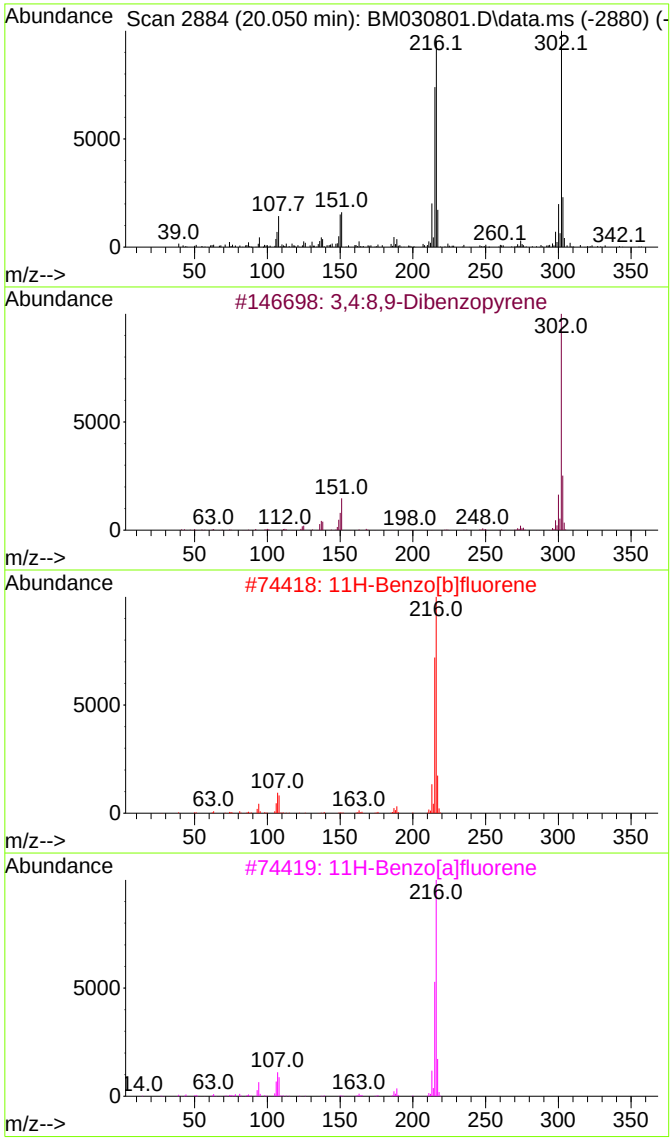
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

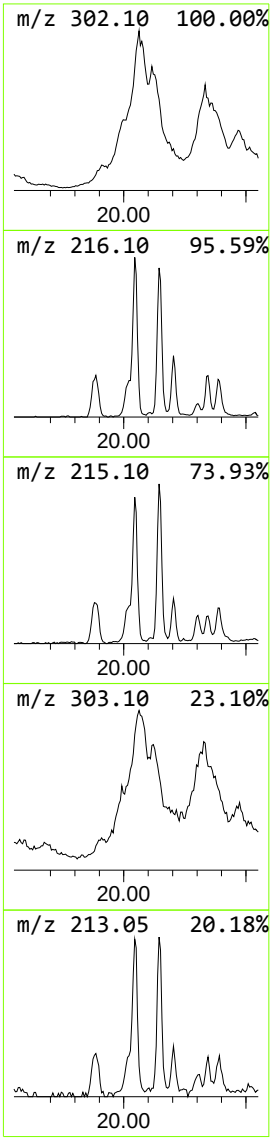
****

Peak Number 3 3,4:8,9-Dibenzopyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.050	2.65 ng/ul	245151	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	74
5	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	64





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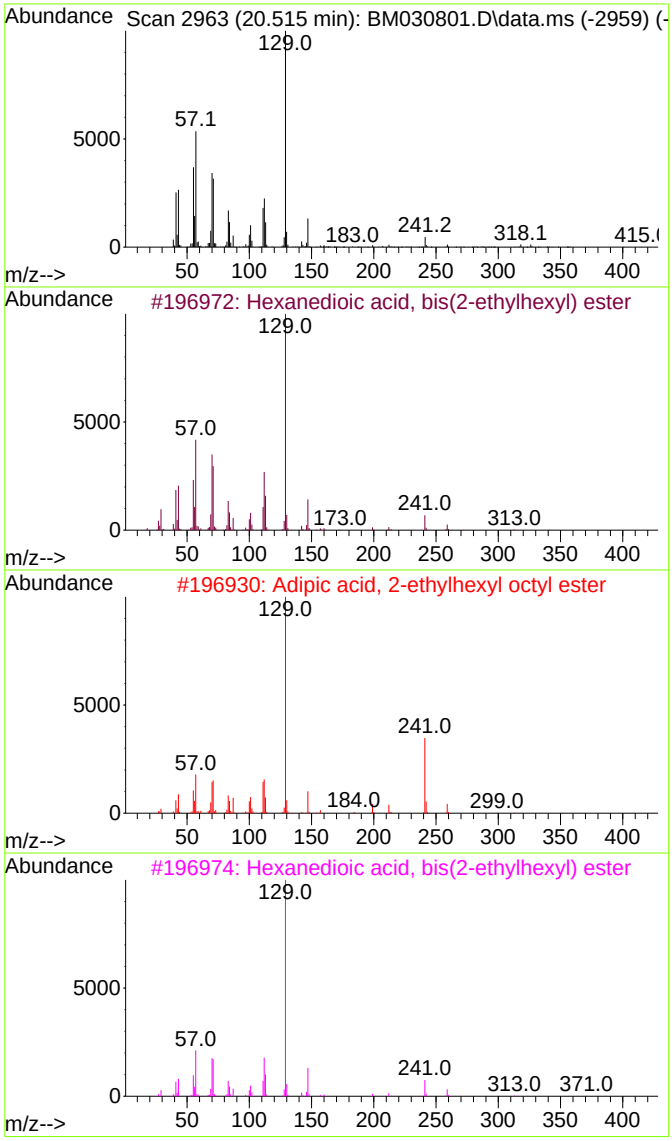
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

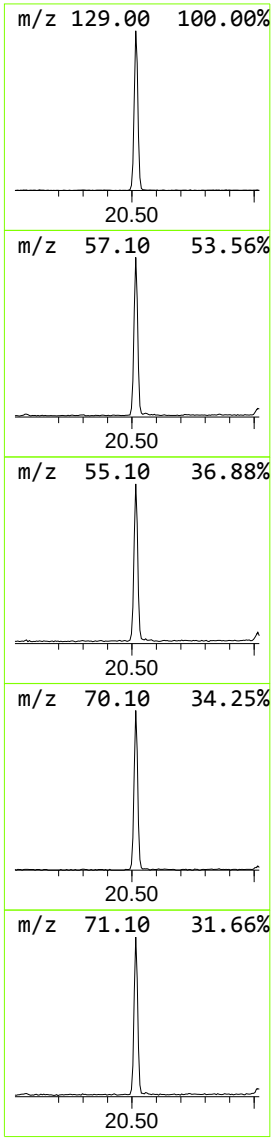
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	7.43 ng/ul	687658	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030801.D
Acq On : 03 Jul 2021 08:00
Operator : CG/JU
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Misc :
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Instrument : BNA_M
ClientSampleId : BGDX0

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
4H-Cyclopenta[d...	18.210	2.5	ng/ul	140568	4	17.139	1112810	20.0
Dibenz(a,e)acea...	19.340	2.4	ng/ul	222424	5	21.303	1850810	20.0
3,4:8,9-Dibenzo...	20.050	2.6	ng/ul	245151	5	21.303	1850810	20.0
Hexanedioic aci...	20.520	7.4	ng/ul	687658	5	21.303	1850810	20.0