LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030524.D
Acq On : 22 Jun 2021 20:32
Operator : CG/JU
Sample : M2662-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD91

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: BM030524.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.710	101	106	118	rBV	120684	270116	5.17%	0.419%
2	3.799	118	121	126	rVB	47745	63730	1.22%	0.099%
3	4.016	153	158	165	rVB	75525	112337	2.15%	0.174%
4	4.569	247	252	260	rVB	93596	131798	2.52%	0.205%
5	5.328	376	381	388	rVB	50459	71701	1.37%	0.111%
6	5.463	398	404	414	rBV	140522	293936	5.63%	0.456%
7	5.828	459	466	473	rBV	71758	111927	2.14%	0.174%
8	6.975	652	661	670	rBV	426917	706350	13.53%	1.097%
9	7.140	682	689	702	rBV	336845	553530	10.60%	0.860%
10	7.345	716	724	734	rBV	441122	733314	14.04%	1.139%
11	7.810	796	803	812	rVV	615042	1008028	19.30%	1.565%
12	8.510	910	922	937	rBV	513765	864817	16.56%	1.343%
13	8.963	993	999	1010	rVB	390603	650967	12.47%	1.011%
14	9.687	1114	1122	1129	rBV	298237	515663	9.88%	0.801%
15	10.222	1206	1213	1229	rBV	470762	830941	15.91%	1.290%
16	10.416	1237	1246	1260	rBV4	18121	61966	1.19%	0.096%
17	10.598	1269	1277	1283	rBV	821350	1372049	26.28%	2.131%
18	10.651	1283	1286	1293	rVB	32122	49404	0.95%	0.077%
19	10.739	1293	1301	1316	rBV	301170	606664	11.62%	0.942%
20	13.763	1810	1815	1820	rBV2	30492	50314	0.96%	0.078%
21	13.851	1820	1830	1840	rVV	744021	1145492	21.94%	1.779%
22	14.133	1868	1878	1894	rBV	921024	1520634	29.12%	2.361%
23	14.439	1921	1930	1937	rBV	1162811	1716708	32.88%	2.666%
24	14.504	1937	1941	1948	rVB	84519	123613	2.37%	0.192%
25	14.645	1959	1965	1977	rBV	127166	273348	5.23%	0.424%
26	14.839	1993	1998	2007	rVB2	58171	138437	2.65%	0.215%
27	15.433	2083	2099	2104	rBV	1181223	1739573	33.31%	2.701%
28	15.486	2104	2108	2114	rVB	92457	131243	2.51%	0.204%
29	15.551	2114	2119	2123	rBV	235241	339009	6.49%	0.526%
30	15.721	2145	2148	2153	rVB2	41715	59116	1.13%	0.092%
31	15.780	2154	2158	2165	rVB	38261	64404	1.23%	0.100%
32	15.851	2165	2170	2176	rBV	217672	282230	5.40%	0.438%
33	15.921	2176	2182	2190	rVB	31373	70065	1.34%	0.109%
34	16.151	2217	2221	2228	rVB6	37770	72815	1.39%	0.113%
35	16.486	2269	2278	2282	rBV5	41422	98388	1.88%	0.153%
36	16.533	2282	2286	2293	rVV5	35490	70789	1.36%	0.110%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2662-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD91

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	16.715	2309	2317	2320	rBV4	29825	67852	1.30%	0.105%
38	16.833	2333	2337	2344	rVB	65855	102789	1.97%	0.160%
39	16.910	2344	2350	2351	rBV2	36153	45413	0.87%	0.071%
40	16.939	2351	2355	2360	rVB3	46987	69838	1.34%	0.108%
41	16.998	2360	2365	2369	rBV	97343	138094	2.64%	0.214%
42	17.180	2389	2396	2399	rBV	1226461	1811055	34.68%	2.812%
43	17.221	2399	2403	2408	rVV	1834736	2579980	49.41%	4.007%
44	17.274	2408	2412	2416	rVV	1250495	1816568	34.79%	2.821%
45	17.310	2416	2418	2424	rVV	375023	444184	8.51%	0.690%
46	17.368	2424	2428	2434	rVV2	47140	92980	1.78%	0.144%
47	17.580	2458	2464	2473	rBV3	71339	138996	2.66%	0.216%
48	17.674	2476	2480	2481	rBV2	38746	42012	0.80%	0.065%
49	17.757	2490	2494	2502	rVB	73724	121268	2.32%	0.188%
50	17.898	2514	2518	2525	rVB	35980	63216	1.21%	0.098%
51	18.051	2539	2544	2548	rVV	320484	536725	10.28%	0.833%
52	18.098	2548	2552	2558	rVV	444822	620672	11.89%	0.964%
53	18.180	2561	2566	2570	rVV	144851	198651	3.80%	0.308%
54	18.245	2571	2577	2581	rVV2	445121	860183	16.47%	1.336%
55	18.280	2581	2583	2592	rVB	252742	336291	6.44%	0.522%
56	18.362	2594	2597	2601	rVV	58622	72159	1.38%	0.112%
57	18.551	2624	2629	2633	rBV	241411	326954	6.26%	0.508%
58	18.592	2633	2636	2646	rVV2	120637	200667	3.84%	0.312%
59	18.674	2647	2650	2656	rVB	37636	50483	0.97%	0.078%
60	18.798	2668	2671	2675	rVV2	99969	145857	2.79%	0.227%
61	18.845	2676	2679	2683	rVV	92866	136122	2.61%	0.211%
62	18.886	2683	2686	2690	rVB2	85041	114823	2.20%	0.178%
63	18.968	2695	2700	2704	rBV	232050	398138	7.62%	0.618%
64	19.109	2719	2724	2732	rBV2	163735	324210	6.21%	0.503%
65	19.233	2739	2745	2752	rVB	3602395	4805423	92.03%	7.463%
66	19.292	2752	2755	2758	rBV	62859	75402	1.44%	0.117%
67	19.327	2758	2761	2766	rBV3	86442	119100	2.28%	0.185%
68	19.380	2766	2770	2774	rBV	142299	168245	3.22%	0.261%
69	19.474	2783	2786	2789	rBV	62892	66820	1.28%	0.104%
70	19.562	2796	2801	2803	rBV3	1401603	2013885	38.57%	3.127%
71	19.592	2803	2806	2814	rVV	2128638	2922292	55.96%	4.538%
72	19.662	2814	2818	2824	rVB2	178350	318413	6.10%	0.494%
73	19.768	2833	2836	2842	rVB	214475	315419	6.04%	0.490%
74	19.827	2844	2846	2852	rVB2	116484	170514	3.27%	0.265%
75	19.915	2856	2861	2869	rBV3	238225	568490	10.89%	0.883%
76	20.051	2879	2884	2886	rBV2	176153	305472	5.85%	0.474%

LSC Area Percent Report

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Acq On : 22 Jun 2021 20:32
Operator : CG/JU
Sample : M2662-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD91

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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Peak separation: 5

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

77	20.086	2886	2890	2896	rVB	379637	602664	11.54%	0.936%
78	20.186	2903	2907	2910	rBV	191864	236721	4.53%	0.368%
79	20.245	2911	2917	2921	rVV2	312014	500287	9.58%	0.777%
80	20.286	2921	2924	2927	rVV2	78766	90763	1.74%	0.141%
81	20.321	2928	2930	2935	rVB2	64565	76213	1.46%	0.118%
82	20.380	2937	2940	2944	rBV	155287	204263	3.91%	0.317%
83	20.427	2944	2948	2952	rVV	201934	260979	5.00%	0.405%
84	20.556	2966	2970	2974	rVB	855958	906522	17.36%	1.408%
85	20.827	3013	3016	3024	rVB	300956	407351	7.80%	0.633%
86	20.992	3041	3044	3048	rVB2	253280	322921	6.18%	0.501%
87	21.033	3048	3051	3053	rBV	265729	290072	5.56%	0.450%
88	21.068	3054	3057	3063	rVV3	221453	444829	8.52%	0.691%
89	21.121	3063	3066	3074	rVB2	282850	412714	7.90%	0.641%
90	21.203	3077	3080	3082	rBV3	93430	126684	2.43%	0.197%
91	21.256	3085	3089	3094	rVV	1879416	2049647	39.25%	3.183%
92	21.333	3097	3102	3107	rVV2	2760157	5221764	100.00%	8.109%
93	21.380	3107	3110	3120	rVB	1978829	2653118	50.81%	4.120%
94	21.497	3127	3130	3135	rBV4	160216	260075	4.98%	0.404%
95	21.897	3195	3198	3202	rVV	277929	321247	6.15%	0.499%
96	21.950	3204	3207	3213	rVB2	426005	607075	11.63%	0.943%
97	22.197	3245	3249	3255	rVB2	282314	417321	7.99%	0.648%
98	22.933	3367	3374	3388	rBV	1527594	5169445	99.00%	8.028%
99	23.474	3462	3466	3469	rBV	264552	436727	8.36%	0.678%
100	23.615	3485	3490	3497	rVB2	985138	1763693	33.78%	2.739%

Sum of corrected areas: 64394166

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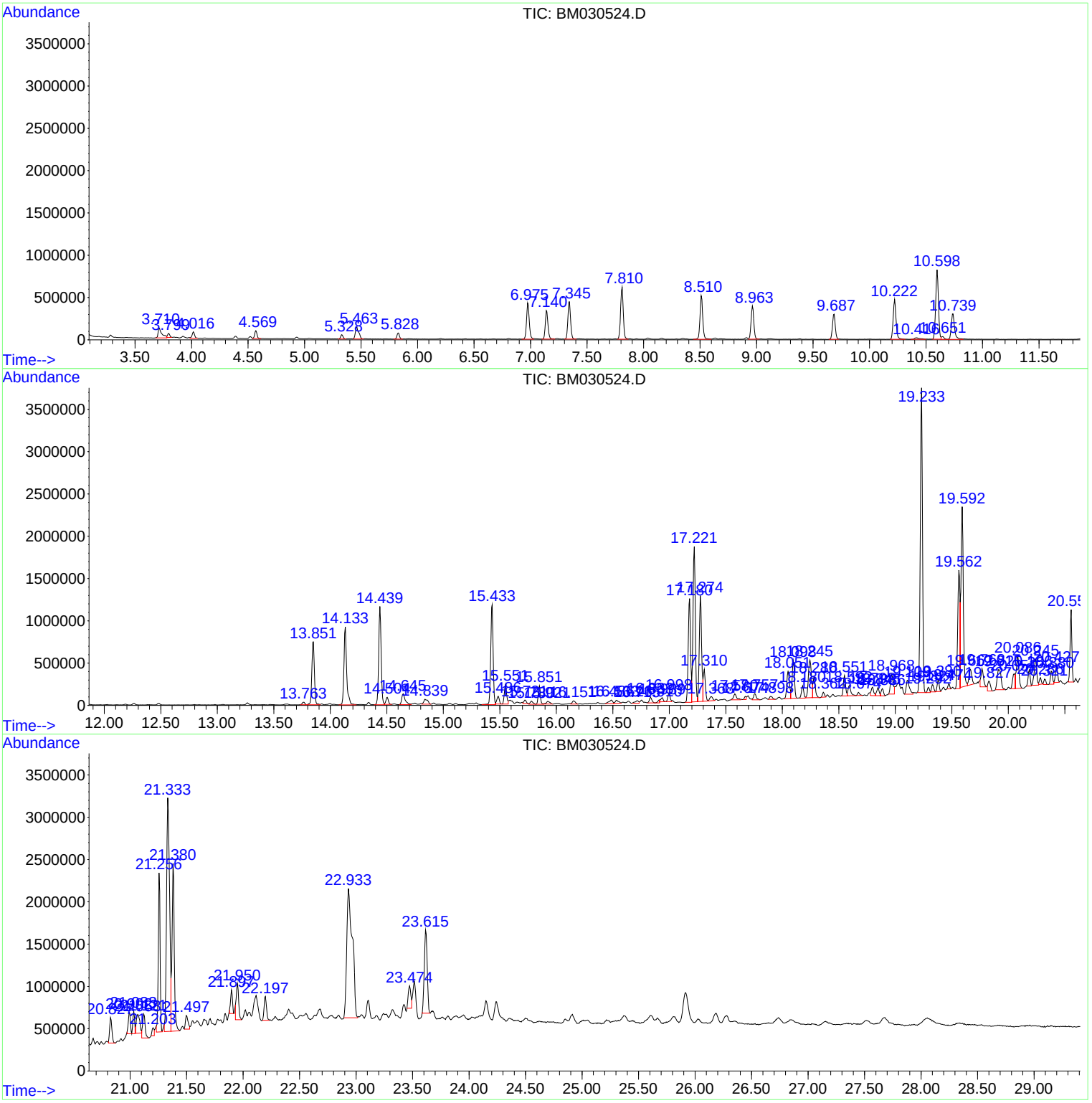
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030524.D
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Sample : M2662-19
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ALS Vial : 16 Sample Multiplier: 1

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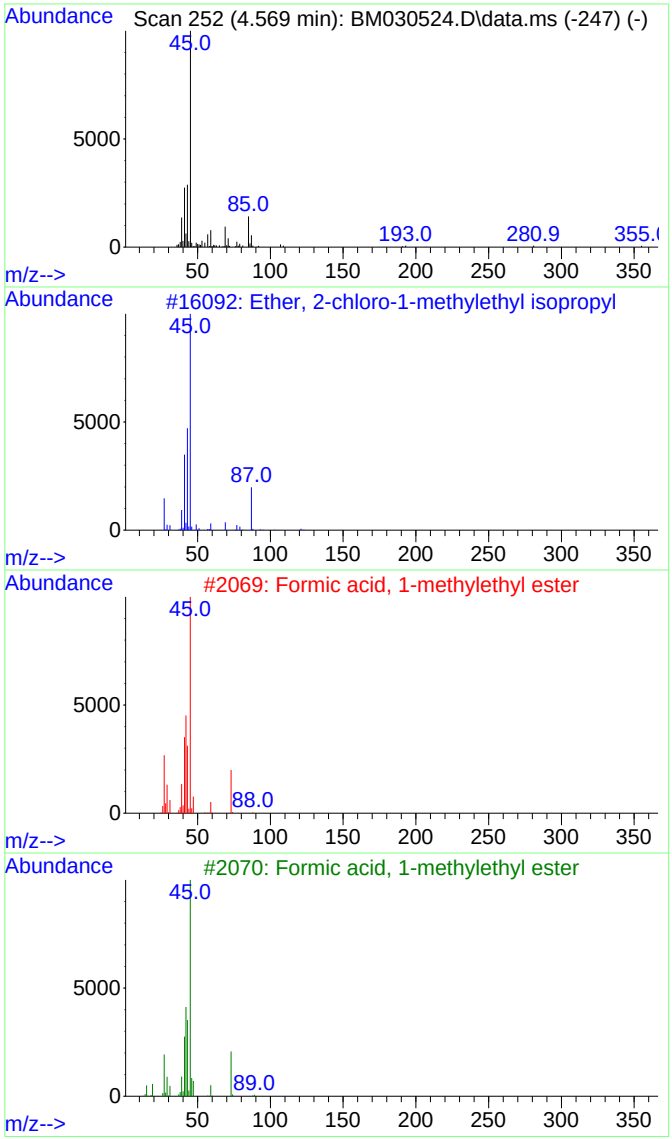
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

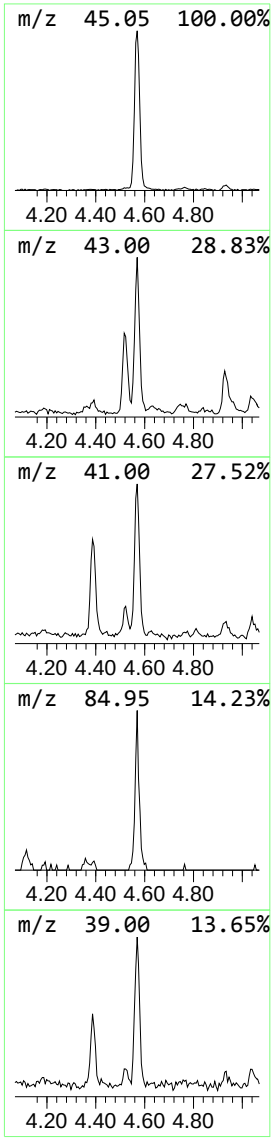
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ether, 2-chloro-1-methyleth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.570	2.61 ng/ul	131798	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	59
2	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	53
3	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	53
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	50
5	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030524.D
Acq On : 22 Jun 2021 20:32
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Sample : M2662-19
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ALS Vial : 16 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

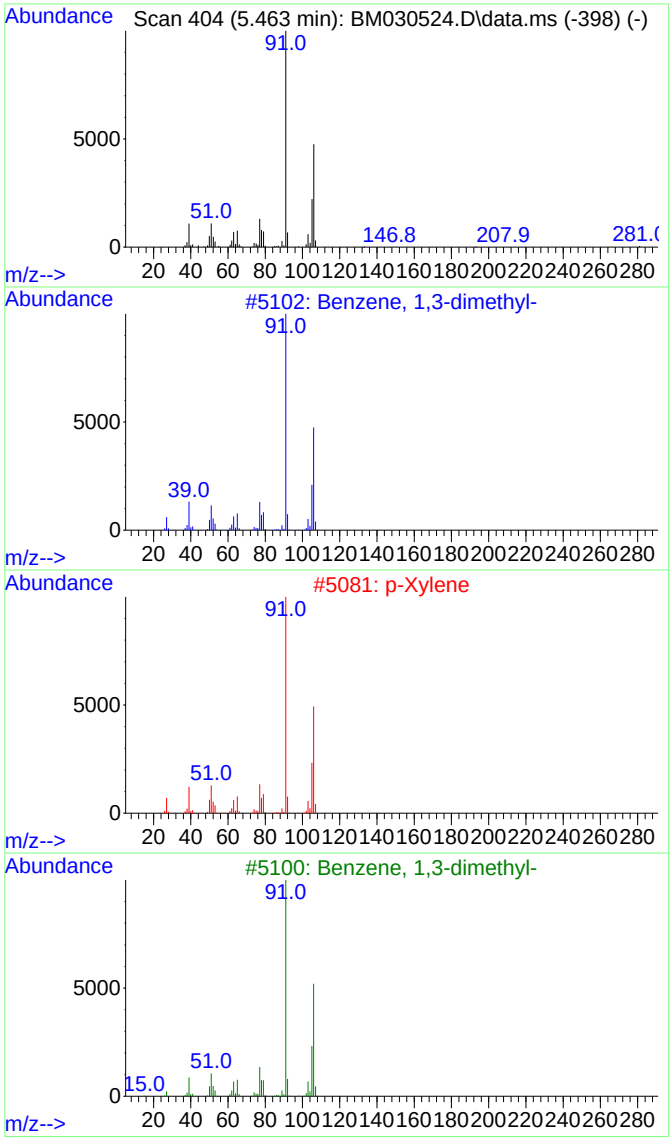
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

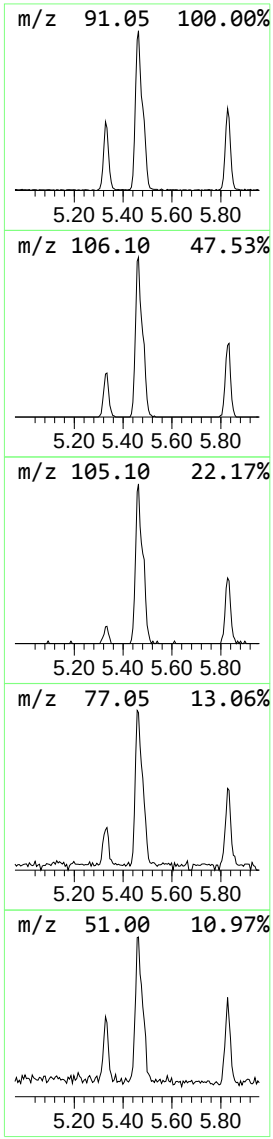
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.460	5.83 ng/ul	293936	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	o-Xylene	106	C8H10	000095-47-6	95
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
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Acq On : 22 Jun 2021 20:32
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Sample : M2662-19
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Instrument :
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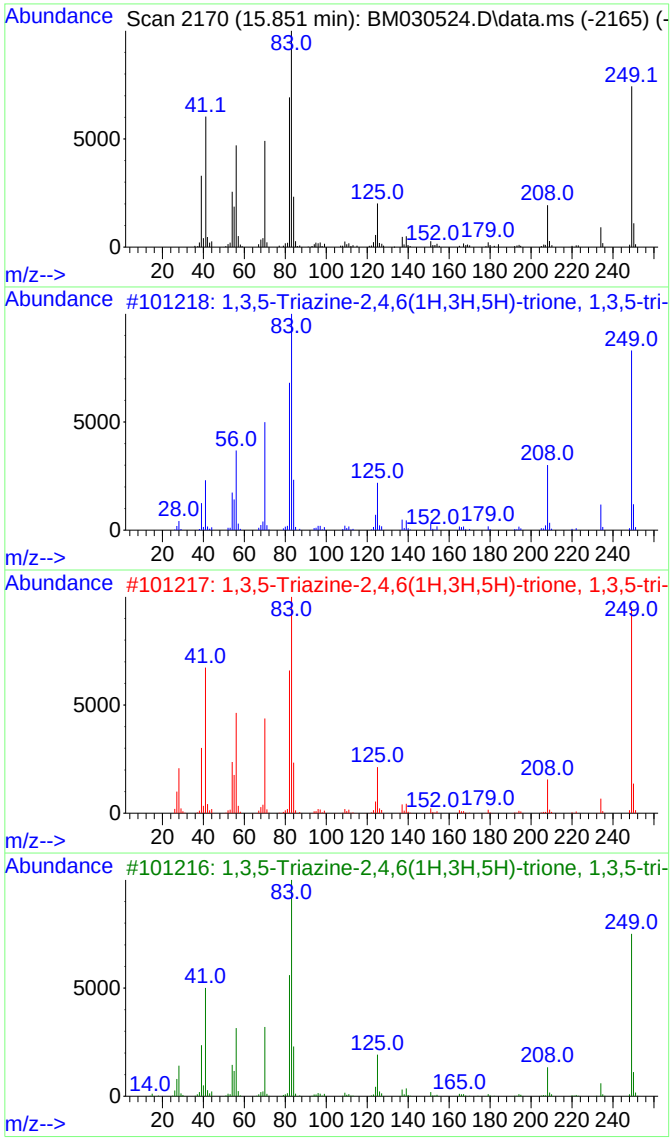
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

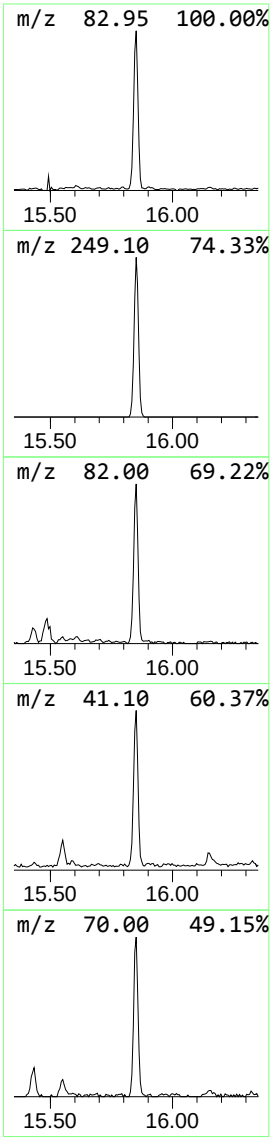
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,3,5-Triazine-2,4,6(1H,3H,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.850	3.12 ng/ul	282230	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	99
2	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	99
3	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	94
4	Hexane, 1,6-dicyclohexyl-	250	C18H34	001610-23-7	22
5	12-Octadecenal	266	C18H34O	056554-91-7	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030524.D
Acq On : 22 Jun 2021 20:32
Operator : CG/JU
Sample : M2662-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD91

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

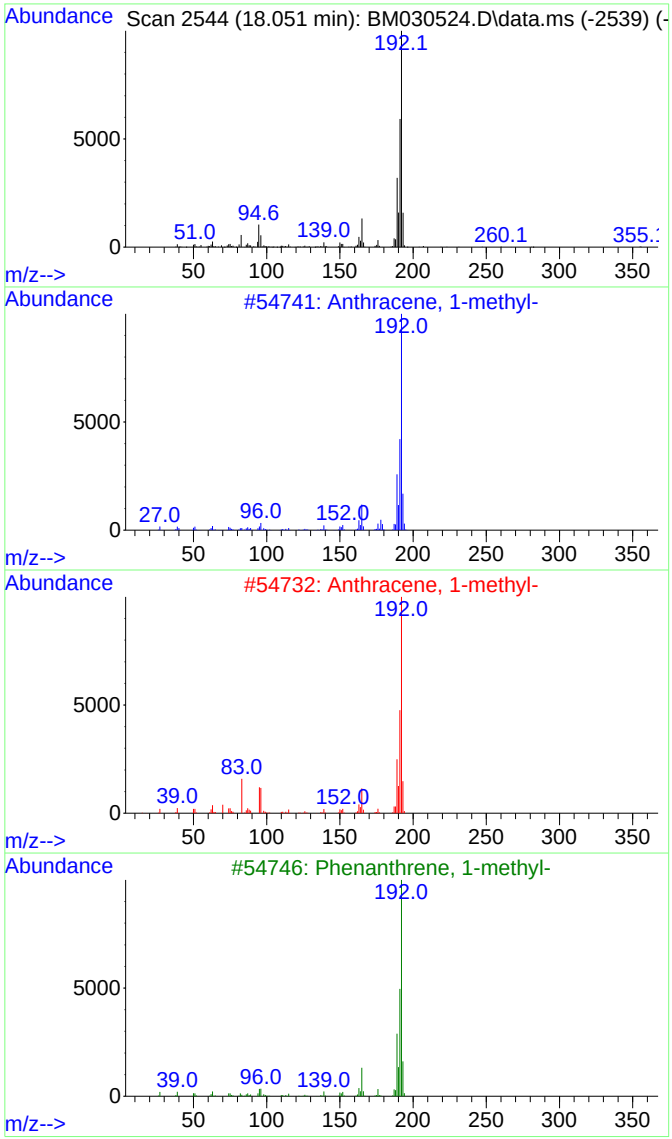
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

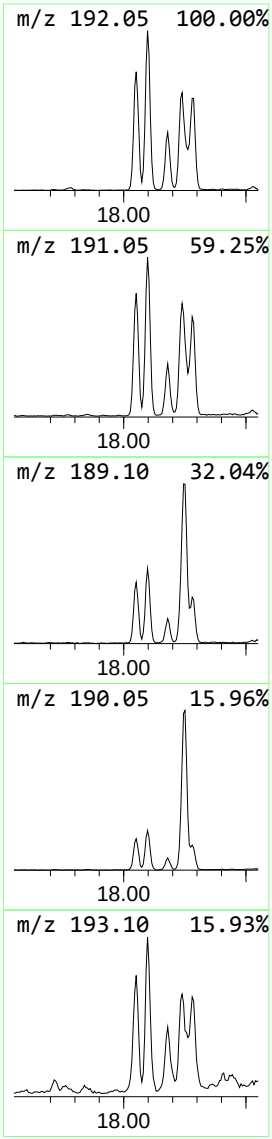
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.050	5.93 ng/ul	536725	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030524.D
Acq On : 22 Jun 2021 20:32
Operator : CG/JU
Sample : M2662-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD91

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

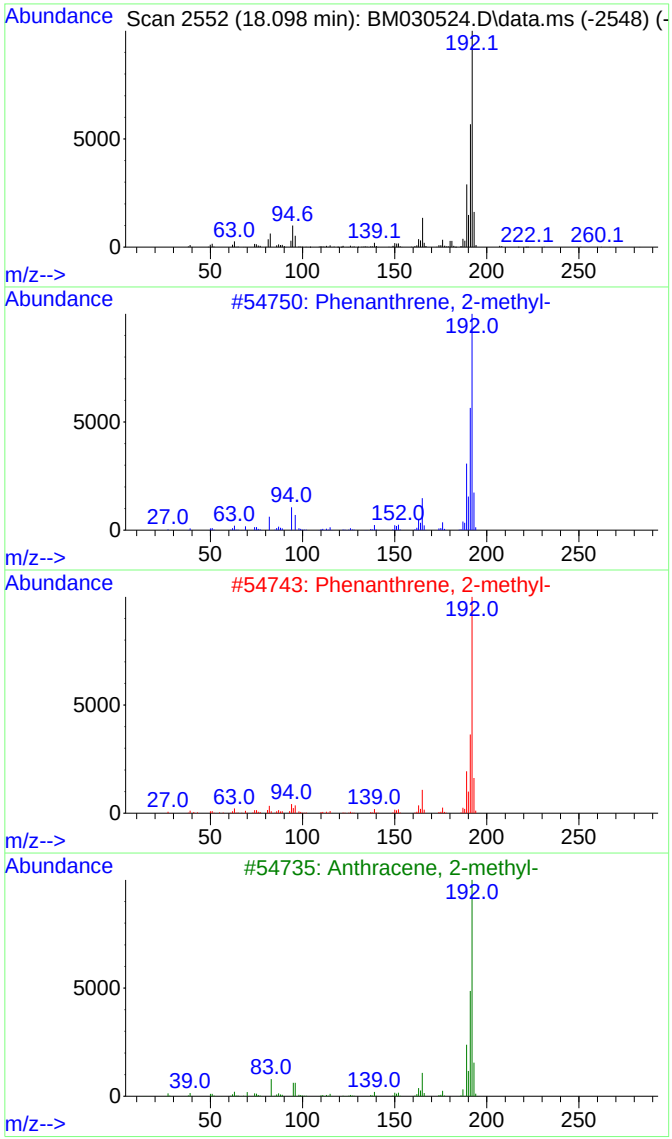
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

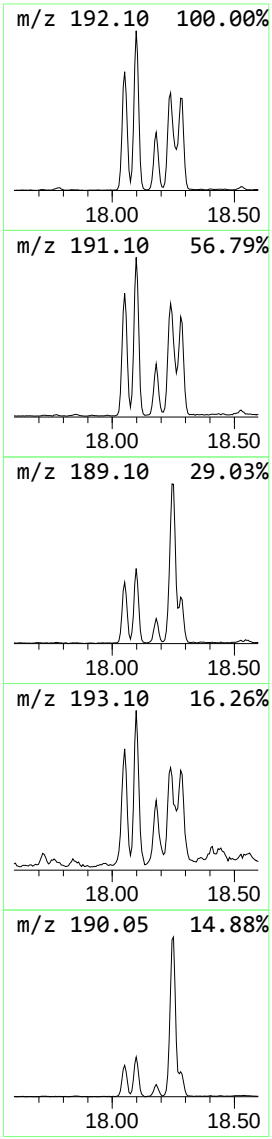
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.100	6.85 ng/ul	620672	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Data File : BM030524.D
Acq On : 22 Jun 2021 20:32
Operator : CG/JU
Sample : M2662-19
Misc :
ALS Vial : 16 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

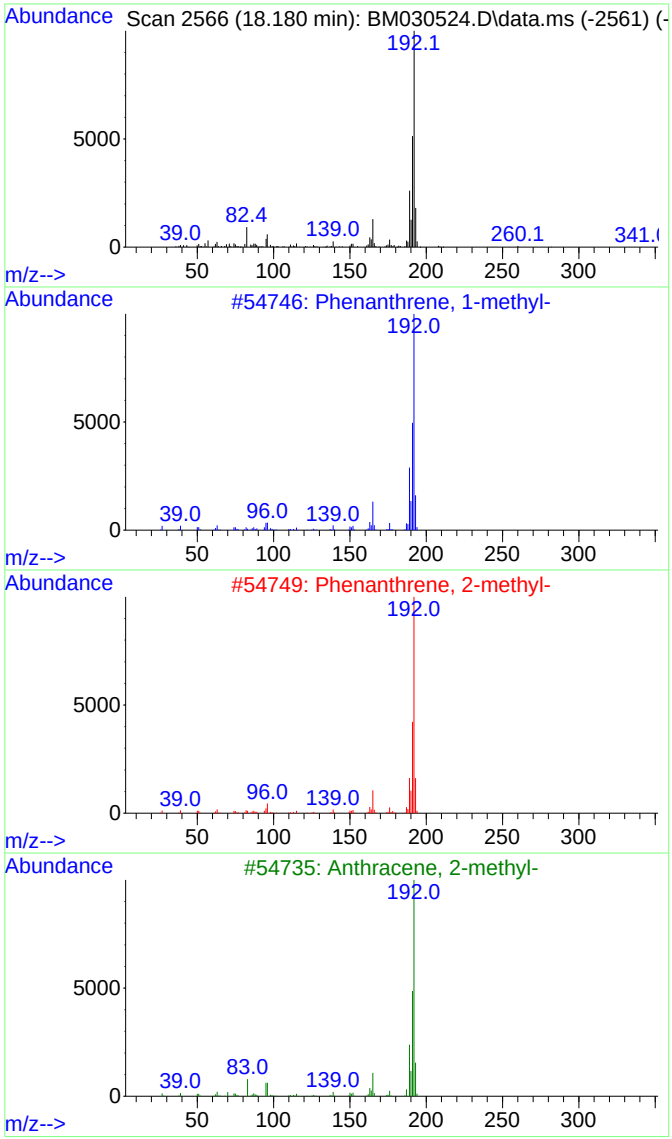
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

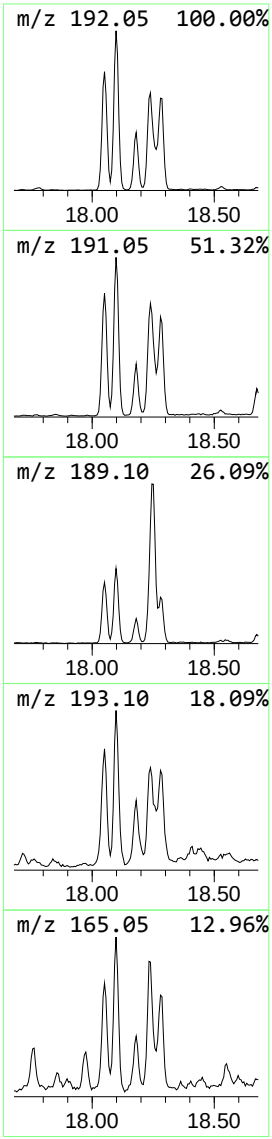
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	2.19 ng/ul	198651	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Sample : M2662-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD91

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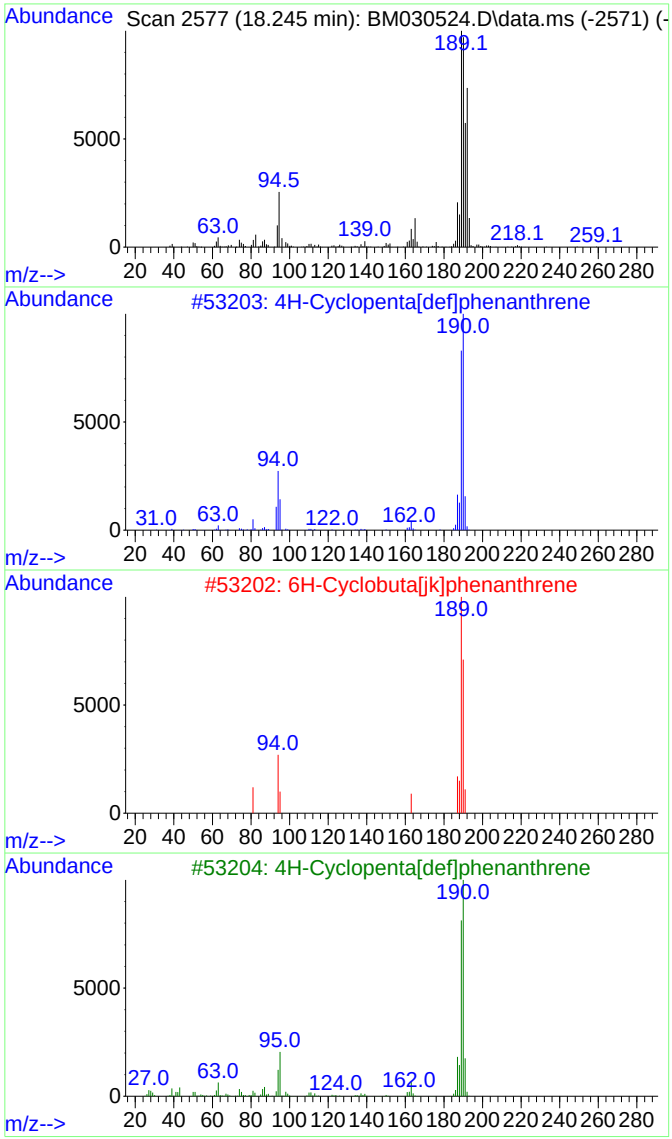
Quant Title : SVOA CALIBRATION

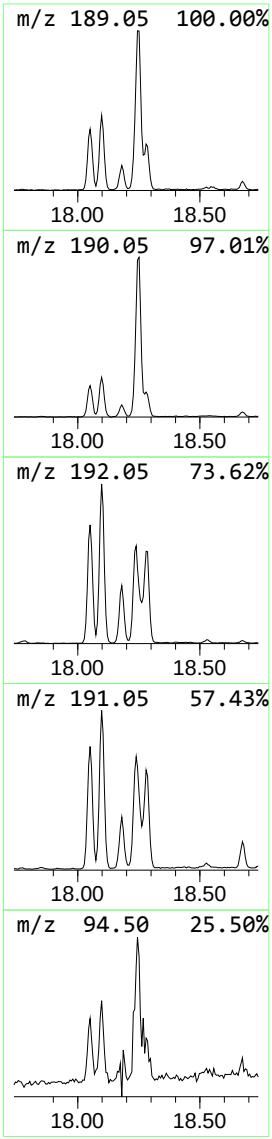
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	9.50 ng/ul	860183	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	42





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ClientSampleId :
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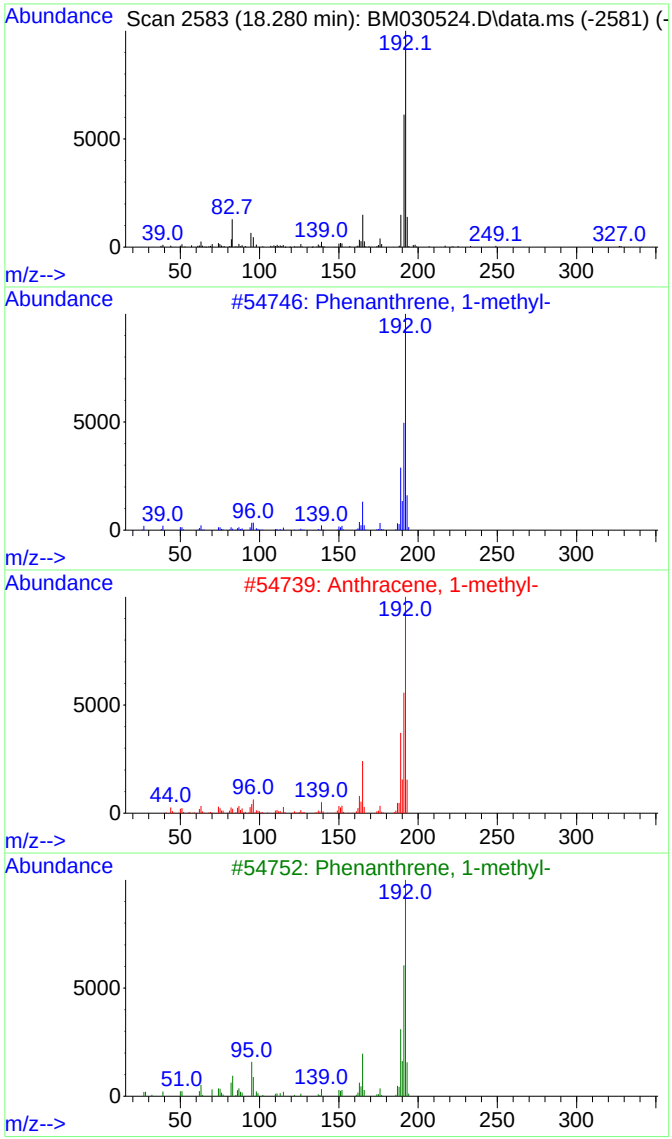
Quant Title : SVOA CALIBRATION

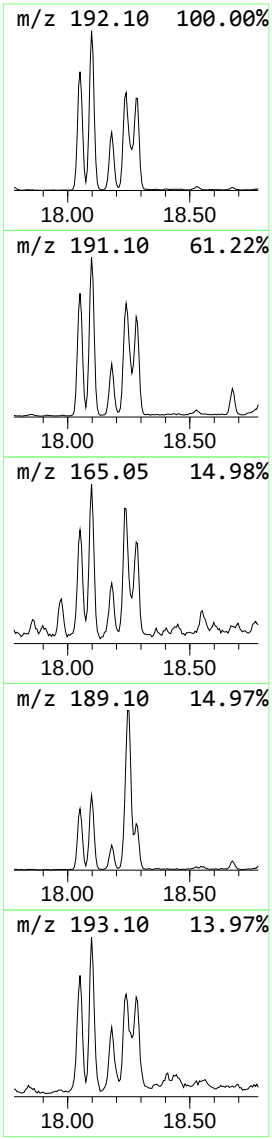
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	3.71 ng/ul	336291	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





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Misc :
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ClientSampleId :
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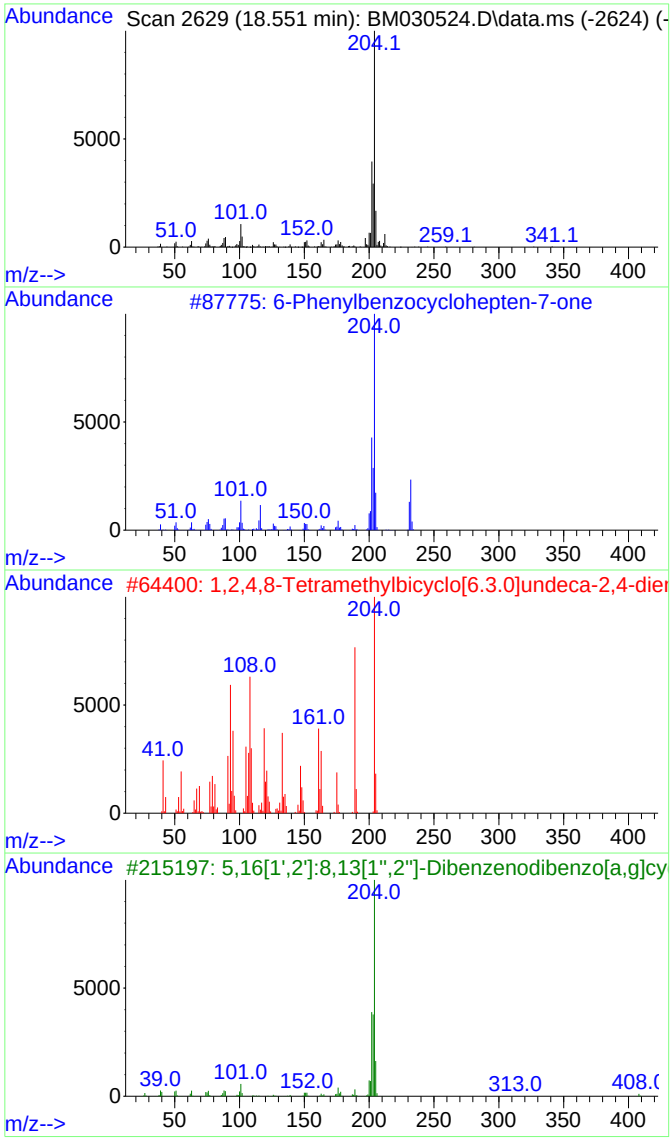
Quant Title : SVOA CALIBRATION

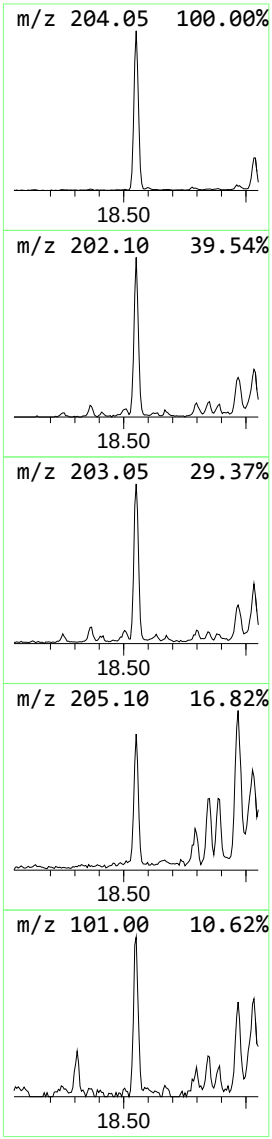
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 6-Phenylbenzocyclohepten-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.550	3.61 ng/ul	326954	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83





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ALS Vial : 16 Sample Multiplier: 1

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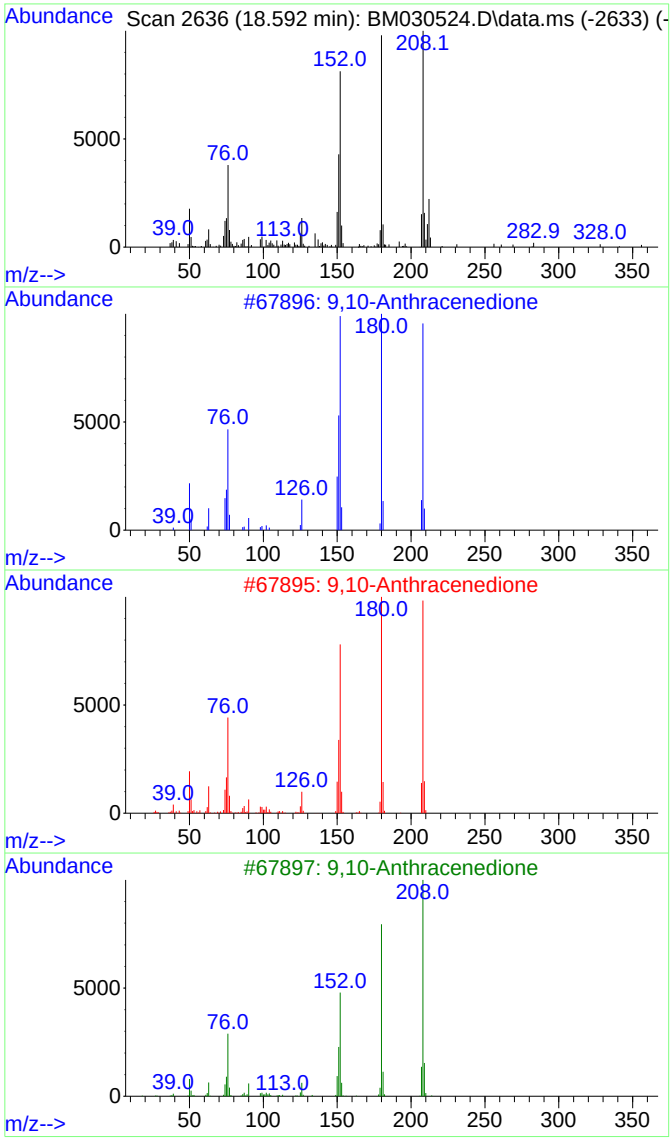
Quant Title : SVOA CALIBRATION

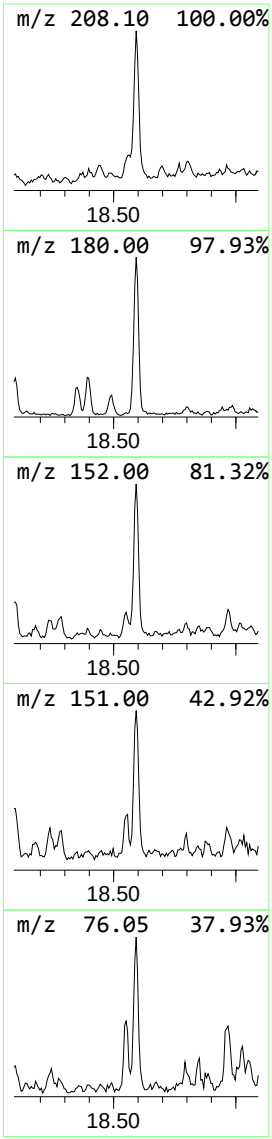
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.590	2.22 ng/ul	200667	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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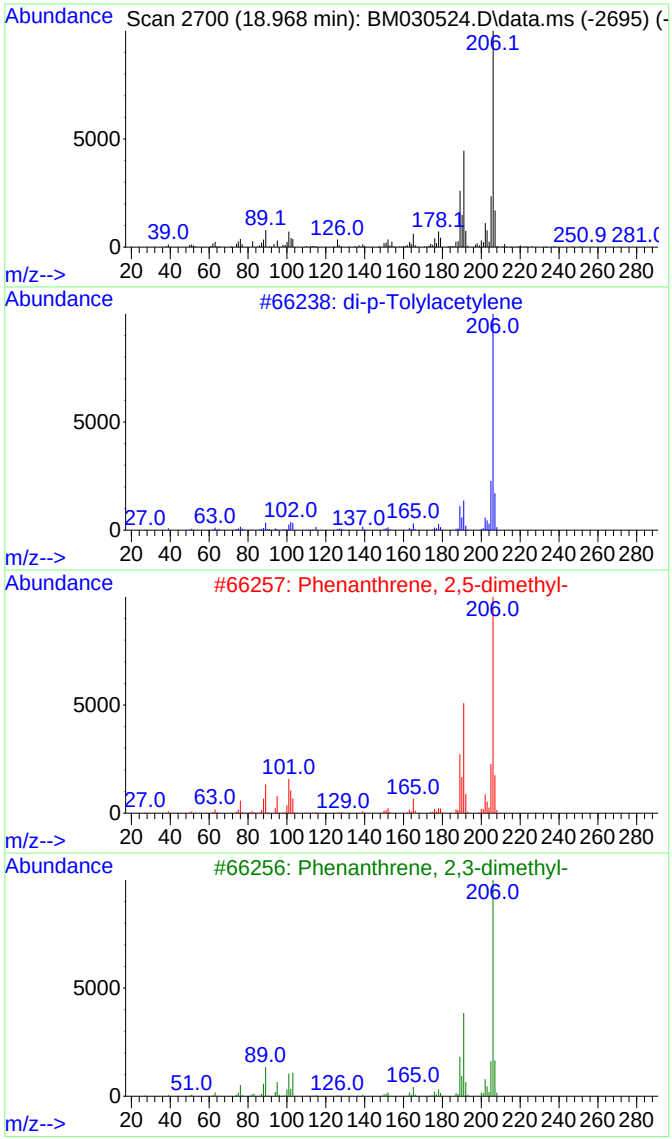
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

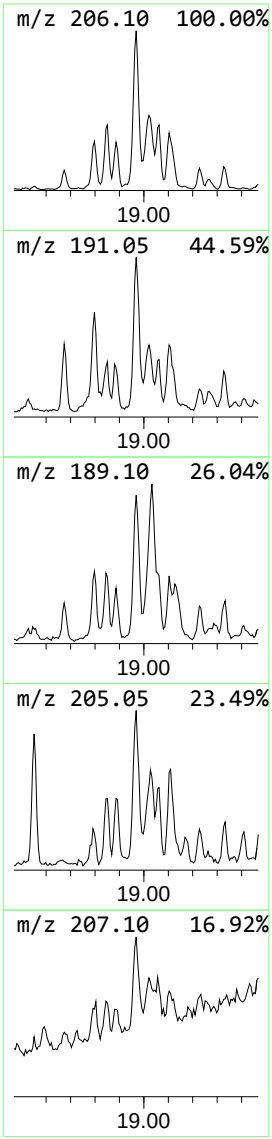
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 di-p-Tolylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.970	4.40 ng/ul	398138	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81





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Sample : M2662-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD91

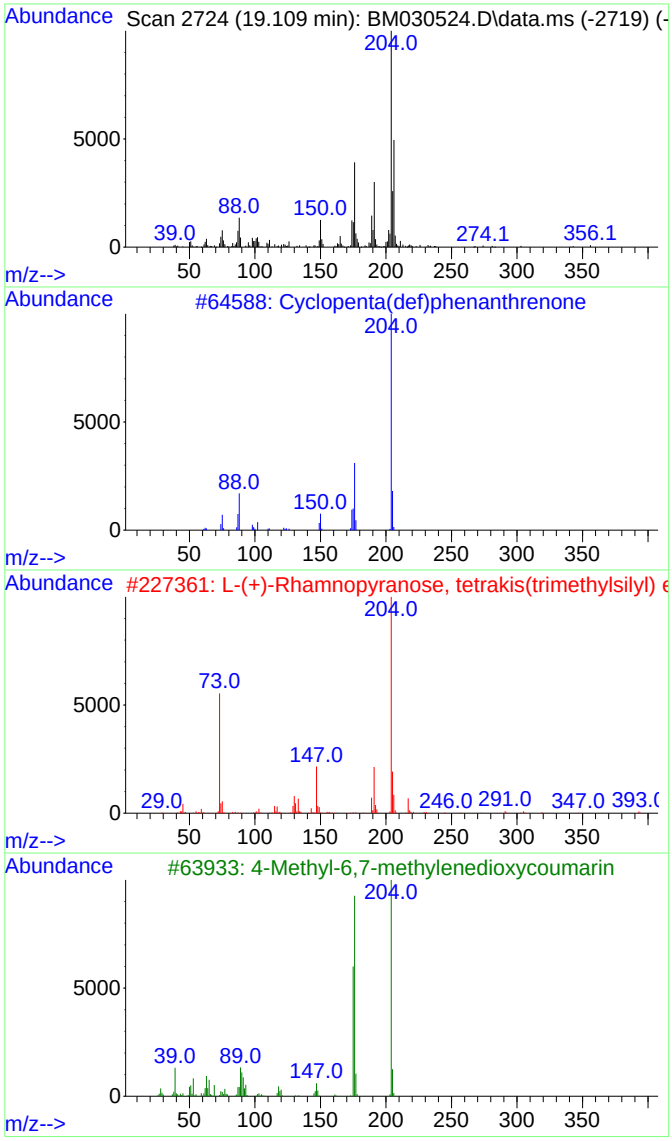
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

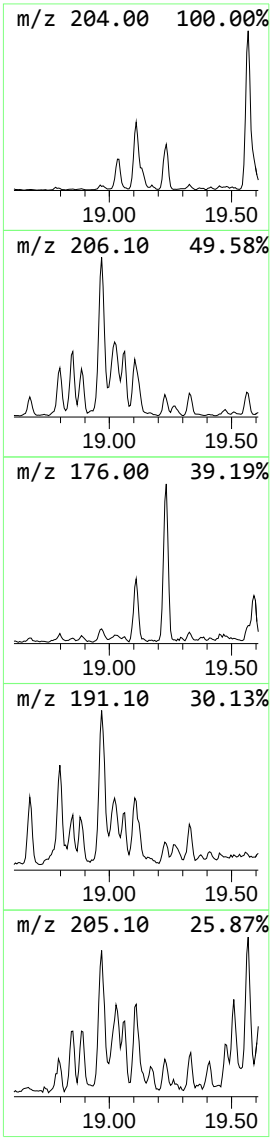
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	3.58 ng/ul	324210	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43
3	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	43
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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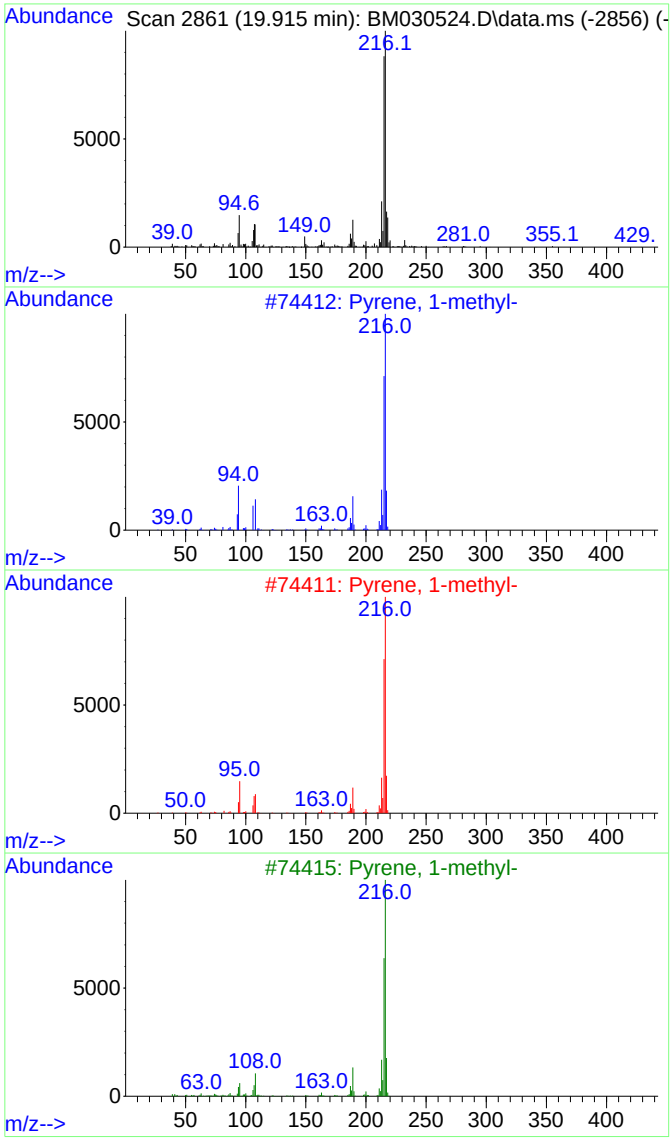
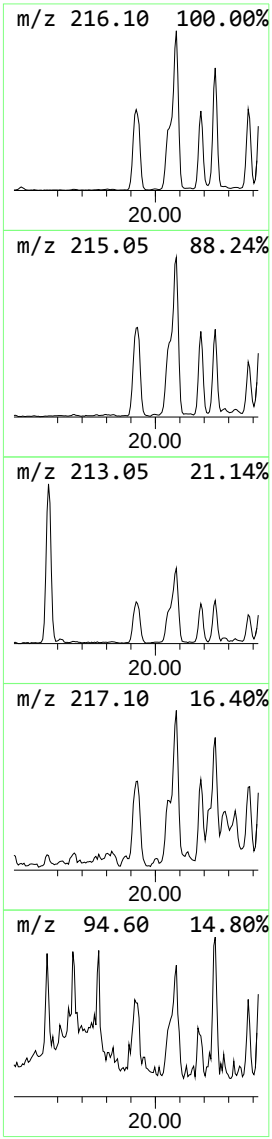
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.920	2.18 ng/ul	568490	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89





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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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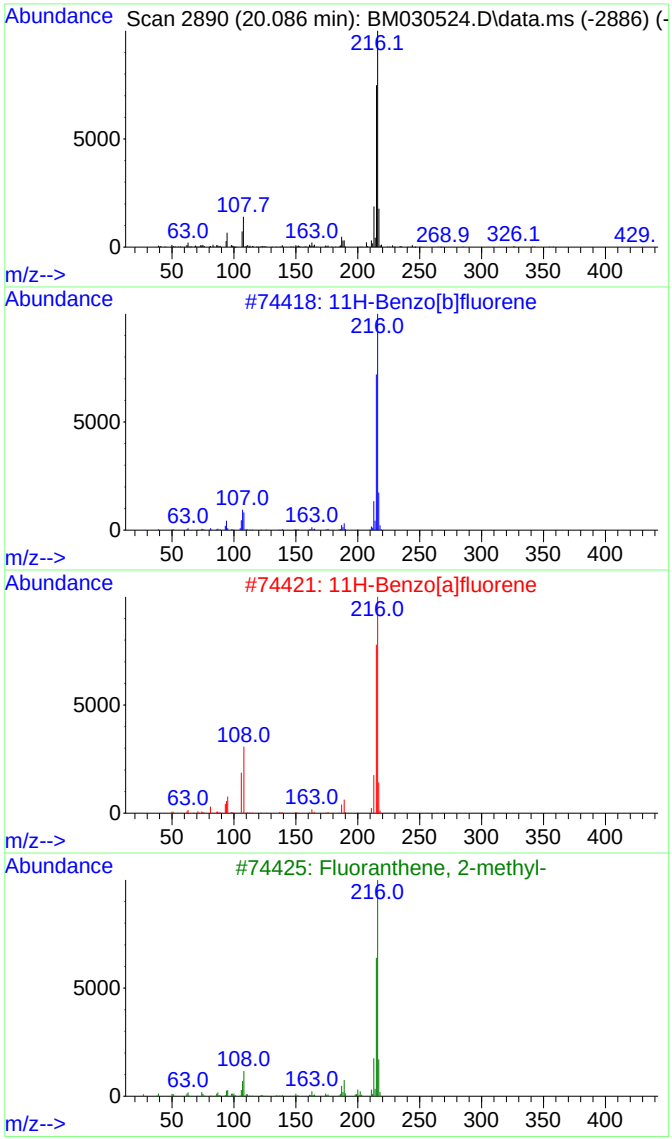
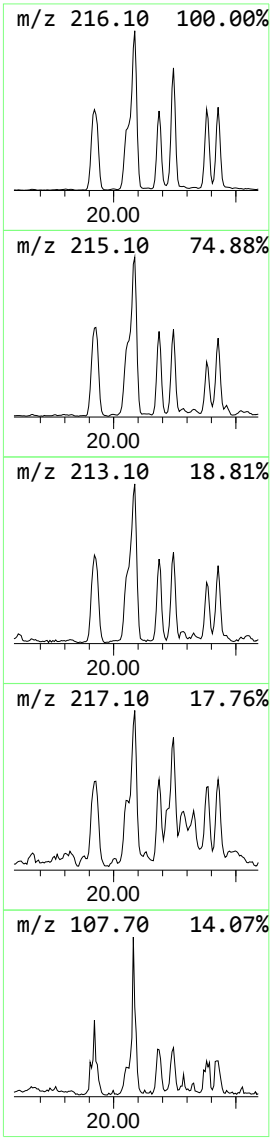
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.090	2.31 ng/ul	602664	Chrysene-d12	21.345

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	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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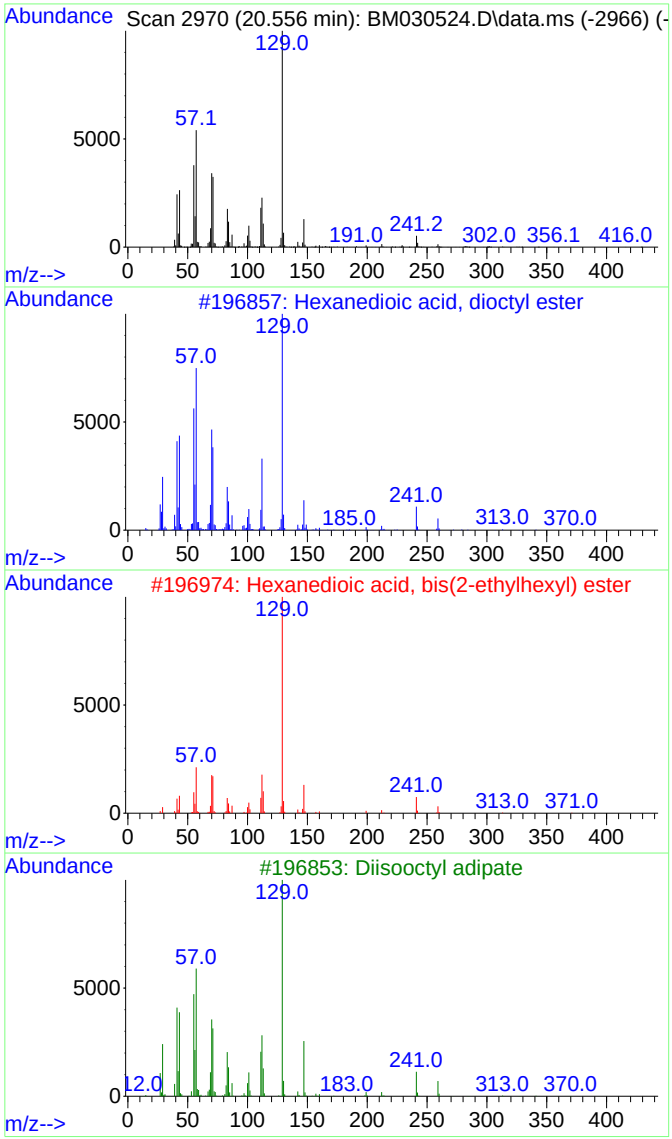
Quant Title : SVOA CALIBRATION

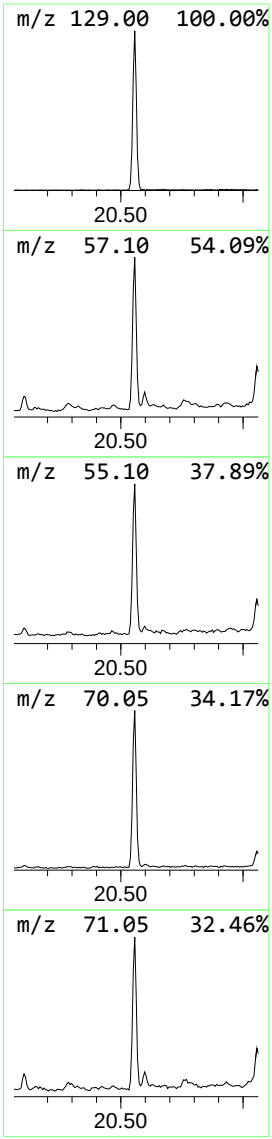
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Hexanedioic acid, dioctyl e... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.560	3.47 ng/ul	906522	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	90
4	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87





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Quant Title : SVOA CALIBRATION

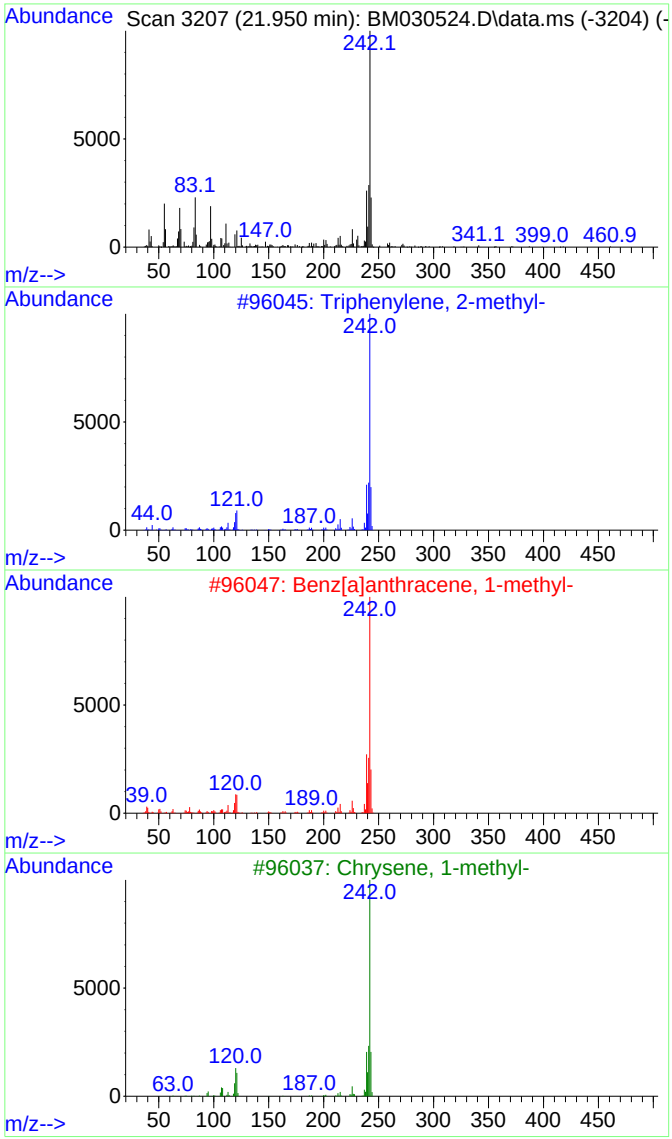
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

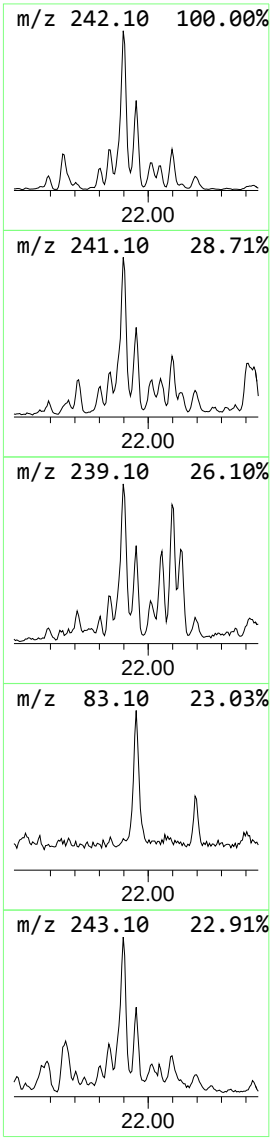
****

Peak Number 18 Triphenylene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.950	2.33 ng/ul	607075	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	78
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	78
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	70
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	64
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	64





Tentatively Identified Compound (LSC) summary

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Operator : CG/JU
Sample : M2662-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
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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
Ether, 2-chloro...	4.570	2.6	ng/ul	131798	1	7.810	1008030	20.0
Benzene, 1,3-di...	5.460	5.8	ng/ul	293936	1	7.810	1008030	20.0
1,3,5-Triazine-...	15.850	3.1	ng/ul	282230	4	17.180	1811060	20.0
Anthracene, 1-m...	18.050	5.9	ng/ul	536725	4	17.180	1811060	20.0
Phenanthrene, 2...	18.100	6.8	ng/ul	620672	4	17.180	1811060	20.0
Phenanthrene, 1...	18.180	2.2	ng/ul	198651	4	17.180	1811060	20.0
4H-Cyclopenta[d...	18.240	9.5	ng/ul	860183	4	17.180	1811060	20.0
1H-Cyclopropa[l...	18.280	3.7	ng/ul	336291	4	17.180	1811060	20.0
6-Phenylbenzocy...	18.550	3.6	ng/ul	326954	4	17.180	1811060	20.0
9,10-Anthracene...	18.590	2.2	ng/ul	200667	4	17.180	1811060	20.0
di-p-Tolylacety...	18.970	4.4	ng/ul	398138	4	17.180	1811060	20.0
Cyclopenta(def)...	19.110	3.6	ng/ul	324210	4	17.180	1811060	20.0
Pyrene, 1-methyl-	19.920	2.2	ng/ul	568490	5	21.345	5221760	20.0
11H-Benzo[b]flu...	20.090	2.3	ng/ul	602664	5	21.345	5221760	20.0
Hexanedioic aci...	20.560	3.5	ng/ul	906522	5	21.345	5221760	20.0
Triphenylene, 2...	21.950	2.3	ng/ul	607075	5	21.345	5221760	20.0