LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030538.D
Acq On : 23 Jun 2021 05:36
Operator : CG/JU
Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB1

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: BM030538.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.705	101	105	114	rBV	165995	308364	5.32%	0.435%
2	3.793	117	120	126	rVB	74403	105393	1.82%	0.149%
3	4.016	153	158	164	rVB	107952	153256	2.64%	0.216%
4	4.387	217	221	228	rVB	33392	50513	0.87%	0.071%
5	4.563	247	251	257	rVB	93262	133859	2.31%	0.189%
6	5.328	376	381	386	rVB	54517	77471	1.34%	0.109%
7	5.457	397	403	413	rBV	153474	312281	5.39%	0.441%
8	5.828	459	466	472	rVB	73862	114457	1.98%	0.162%
9	6.975	652	661	676	rBV	535116	900895	15.55%	1.271%
10	7.140	683	689	699	rVV	428750	685059	11.82%	0.967%
11	7.340	715	723	735	rBV	583412	922957	15.93%	1.303%
12	7.804	795	802	810	rVV	677017	1101889	19.01%	1.555%
13	8.510	913	922	929	rBV	639172	1075420	18.56%	1.518%
14	8.963	993	999	1008	rVB	494579	826739	14.27%	1.167%
15	9.681	1113	1121	1129	rBV	405709	680485	11.74%	0.960%
16	10.216	1205	1212	1226	rBV	581678	1050666	18.13%	1.483%
17	10.392	1235	1242	1253	rBV	34485	92524	1.60%	0.131%
18	10.592	1268	1276	1282	rBV	876507	1520213	26.23%	2.145%
19	10.645	1282	1285	1292	rVB	80599	125637	2.17%	0.177%
20	10.734	1292	1300	1318	rBV	356998	708469	12.23%	1.000%
21	11.869	1481	1493	1501	rVV3	16860	53928	0.93%	0.076%
22	12.257	1553	1559	1566	rVB	31017	51367	0.89%	0.072%
23	12.475	1591	1596	1603	rVB	28266	44804	0.77%	0.063%
24	13.263	1723	1730	1738	rVB2	35226	60499	1.04%	0.085%
25	13.616	1777	1790	1798	rBV4	30328	101670	1.75%	0.143%
26	13.763	1808	1815	1820	rBV	137836	223849	3.86%	0.316%
27	13.845	1820	1829	1839	rVV	1038522	1505985	25.99%	2.125%
28	13.992	1850	1854	1858	rVV2	28496	45108	0.78%	0.064%
29	14.127	1867	1877	1893	rBV	1177688	2258696	38.98%	3.188%
30	14.333	1909	1912	1918	rVB	32126	45877	0.79%	0.065%
31	14.439	1918	1930	1936	rBV	1229069	1887251	32.57%	2.663%
32	14.498	1936	1940	1947	rVB	156923	243031	4.19%	0.343%
33	14.639	1958	1964	1975	rBV2	189821	363594	6.27%	0.513%
34	14.833	1993	1997	2005	rVV	139288	251237	4.34%	0.355%
35	14.910	2005	2010	2015	rVB	50954	69085	1.19%	0.097%
36	15.051	2027	2034	2039	rBV3	39876	72857	1.26%	0.103%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BGDB1

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	15.104	2039	2043	2051	rVB	42395	64643	1.12%	0.091%
38	15.227	2056	2064	2067	rBV2	39276	80167	1.38%	0.113%
39	15.427	2091	2098	2103	rVV	1525096	2149211	37.09%	3.033%
40	15.480	2103	2107	2114	rVB	252029	372839	6.43%	0.526%
41	15.551	2114	2119	2123	rBV	156848	224591	3.88%	0.317%
42	15.645	2131	2135	2139	rBV5	28099	45994	0.79%	0.065%
43	15.774	2153	2157	2164	rVB	128813	189209	3.26%	0.267%
44	15.845	2164	2169	2174	rBV	230794	301582	5.20%	0.426%
45	15.921	2174	2182	2191	rVB2	144592	332060	5.73%	0.469%
46	16.010	2191	2197	2202	rBV2	29195	51285	0.88%	0.072%
47	16.157	2212	2222	2228	rBV7	43671	103377	1.78%	0.146%
48	16.486	2270	2278	2282	rBV2	107195	205193	3.54%	0.290%
49	16.533	2282	2286	2291	rVB2	46683	61674	1.06%	0.087%
50	16.633	2299	2303	2309	rVB2	47097	83562	1.44%	0.118%
51	16.715	2309	2317	2320	rBV2	88807	160875	2.78%	0.227%
52	16.751	2320	2323	2327	rVB	54047	61224	1.06%	0.086%
53	16.833	2333	2337	2344	rVB3	67697	116517	2.01%	0.164%
54	16.910	2344	2350	2352	rBV	93169	157233	2.71%	0.222%
55	16.992	2360	2364	2374	rVB	150954	279959	4.83%	0.395%
56	17.174	2389	2395	2399	rBV	1283376	1962538	33.86%	2.770%
57	17.215	2399	2402	2407	rVV	2560602	3598689	62.10%	5.079%
58	17.274	2407	2412	2415	rVV	1481541	2121556	36.61%	2.994%
59	17.310	2415	2418	2423	rVV	895865	1186861	20.48%	1.675%
60	17.363	2423	2427	2433	rVV2	60772	111636	1.93%	0.158%
61	17.692	2481	2483	2490	rVV	62135	81984	1.41%	0.116%
62	17.757	2491	2494	2503	rVB5	34797	78815	1.36%	0.111%
63	17.898	2514	2518	2525	rBV	31388	57064	0.98%	0.081%
64	18.051	2539	2544	2548	rBV	362448	615878	10.63%	0.869%
65	18.098	2548	2552	2558	rVB	505086	706648	12.19%	0.997%
66	18.180	2561	2566	2571	rVV	245361	354308	6.11%	0.500%
67	18.245	2571	2577	2581	rVV2	601009	1036423	17.88%	1.463%
68	18.280	2581	2583	2592	rVB	225916	296694	5.12%	0.419%
69	18.362	2594	2597	2600	rVB	51246	54533	0.94%	0.077%
70	18.498	2615	2620	2624	rBV	156288	233224	4.02%	0.329%
71	18.551	2624	2629	2633	rVV	306298	425415	7.34%	0.600%
72	18.592	2633	2636	2640	rVB4	38514	56639	0.98%	0.080%
73	18.792	2667	2670	2674	rBV	61604	79941	1.38%	0.113%
74	18.845	2676	2679	2682	rVV	79957	104139	1.80%	0.147%
75	18.880	2682	2685	2690	rVB	76939	108644	1.87%	0.153%
76	18.962	2695	2699	2703	rBV2	166474	291685	5.03%	0.412%

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Instrument : BNA_M
ClientSampleId : BGDB1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

77	19.104	2720	2723	2732	rVB3	89278	188929	3.26%	0.267%
78	19.227	2739	2744	2750	rVB	4460528	5795222	100.00%	8.179%
79	19.292	2752	2755	2758	rVB	60023	62046	1.07%	0.088%
80	19.327	2758	2761	2765	rBV3	74442	115288	1.99%	0.163%
81	19.380	2765	2770	2774	rBV	273031	359962	6.21%	0.508%
82	19.562	2795	2801	2803	rBV3	1707178	2540722	43.84%	3.586%
83	19.592	2803	2806	2814	rVB	1395285	2055176	35.46%	2.900%
84	19.662	2814	2818	2821	rBV2	213977	326027	5.63%	0.460%
85	19.768	2833	2836	2851	rVB	477657	1155346	19.94%	1.631%
86	19.909	2856	2860	2867	rVB2	248988	618671	10.68%	0.873%
87	20.051	2879	2884	2885	rBV3	177099	268155	4.63%	0.378%
88	20.080	2886	2889	2895	rVB	707815	996223	17.19%	1.406%
89	20.186	2902	2907	2910	rBV	606835	833114	14.38%	1.176%
90	20.239	2910	2916	2920	rBV2	292341	556140	9.60%	0.785%
91	20.551	2965	2969	2974	rBV	3127559	3558525	61.40%	5.022%
92	20.992	3041	3044	3047	rBV	216569	246189	4.25%	0.347%
93	21.027	3047	3050	3053	rBV	291979	366822	6.33%	0.518%
94	21.256	3086	3089	3092	rVB	285576	314413	5.43%	0.444%
95	21.333	3097	3102	3107	rVV2	2783068	5585784	96.39%	7.883%
96	21.380	3107	3110	3119	rVB	1760940	2289890	39.51%	3.232%
97	22.192	3245	3248	3253	rVB3	288427	368598	6.36%	0.520%
98	22.933	3368	3374	3378	rBV	1108798	2629764	45.38%	3.711%
99	23.468	3461	3465	3469	rBV	452179	734585	12.68%	1.037%
100	23.615	3484	3490	3496	rVB2	1125262	2061218	35.57%	2.909%

Sum of corrected areas: 70856703

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Instrument :
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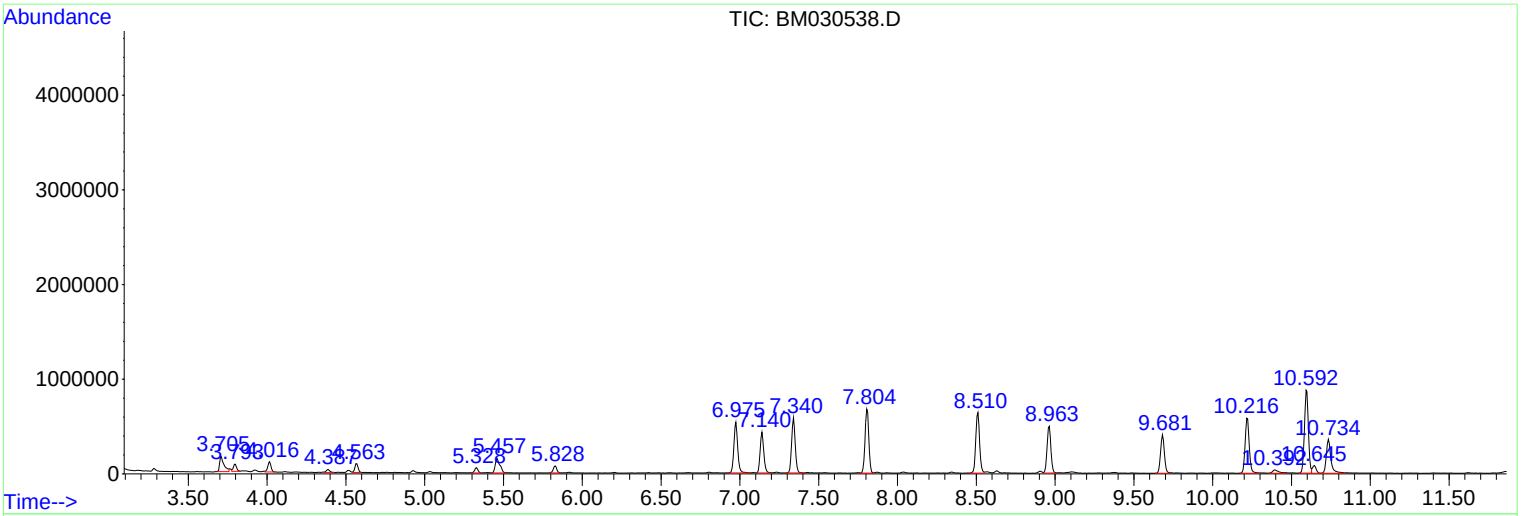
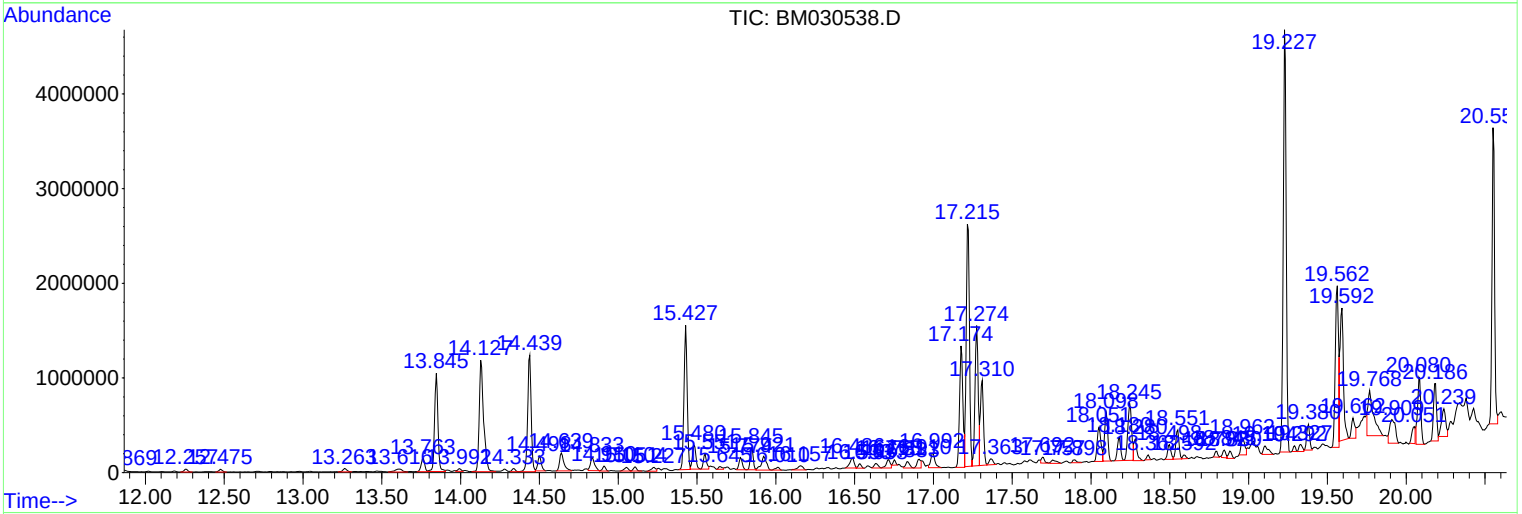
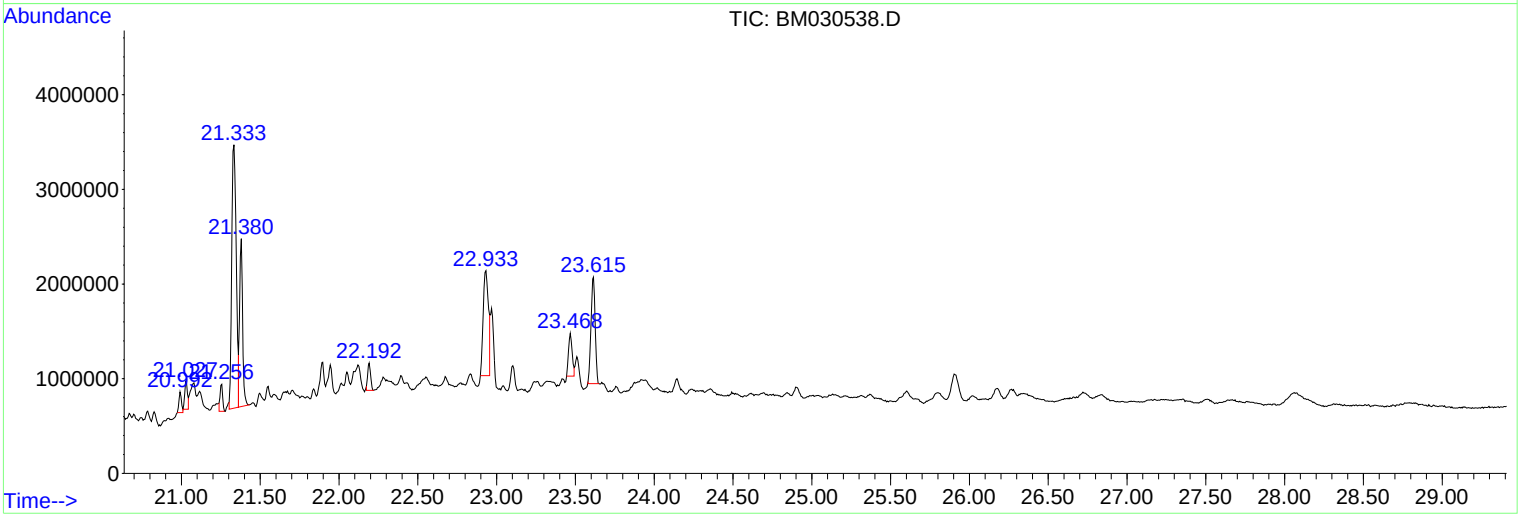
ClientSampleId :
BGDB1

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

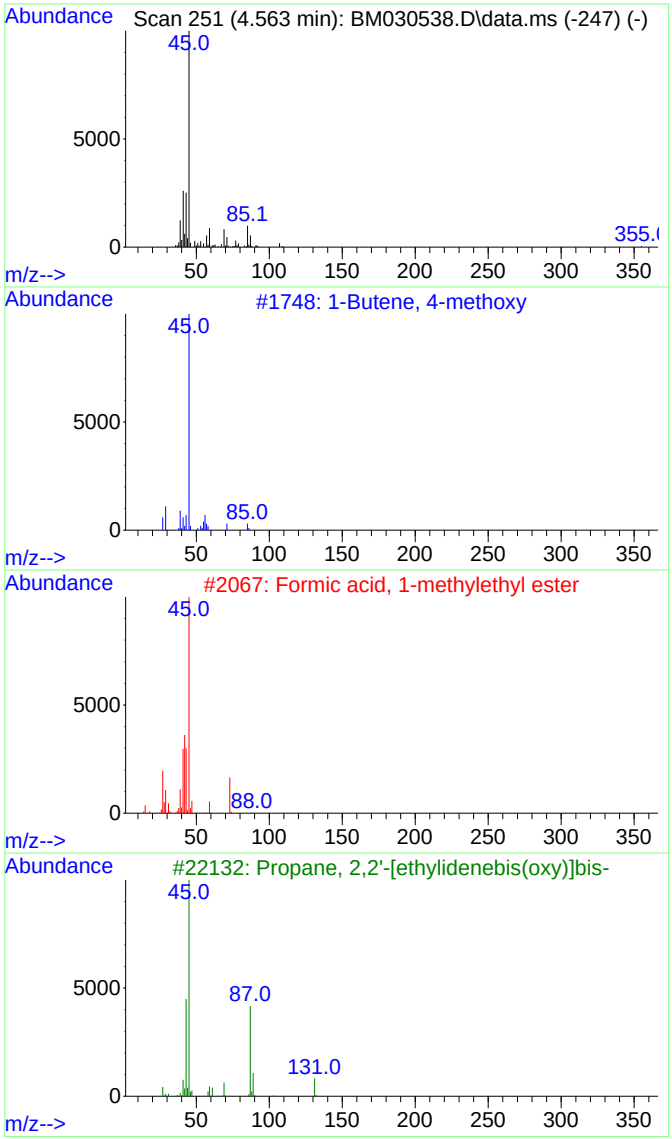
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

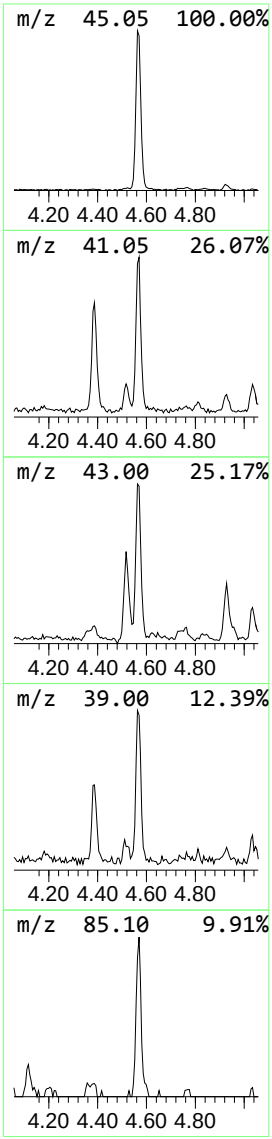
****

Peak Number 2 1-Butene, 4-methoxy Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.560	2.43 ng/ul	133859	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	59
2	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	59
3	Propane, 2,2'-[ethylidenebis(oxy...	146	C8H18O2	004285-59-0	45
4	E-1-Methoxy-3-hexene	114	C7H14O	121441-40-5	45
5	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	42





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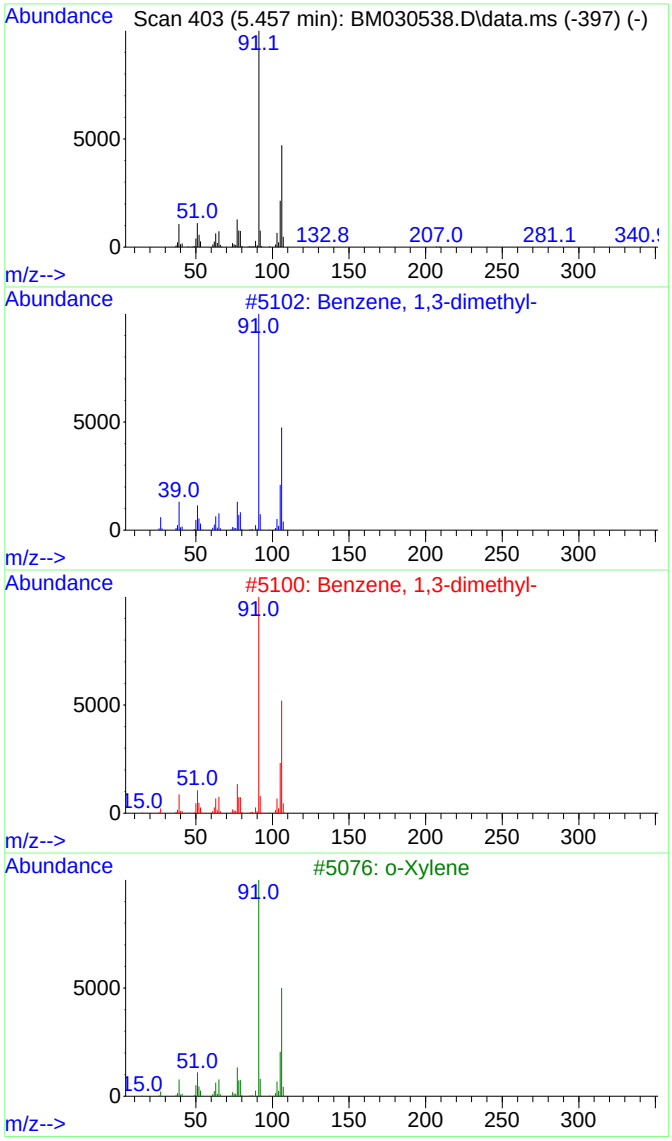
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

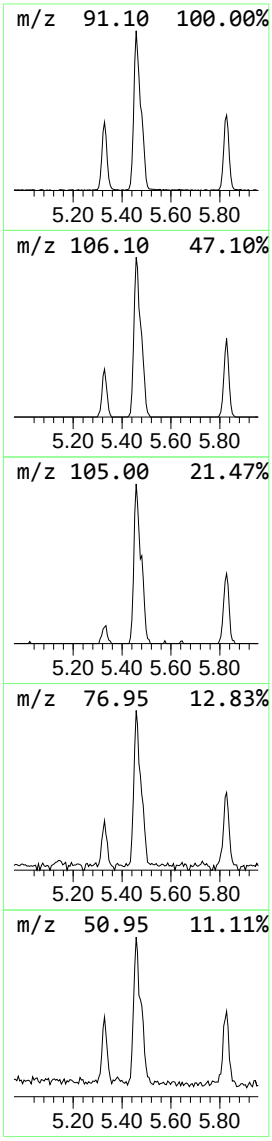
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.460	5.67 ng/ul	312281	1,4-Dichlorobenzene-d4	7.804

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





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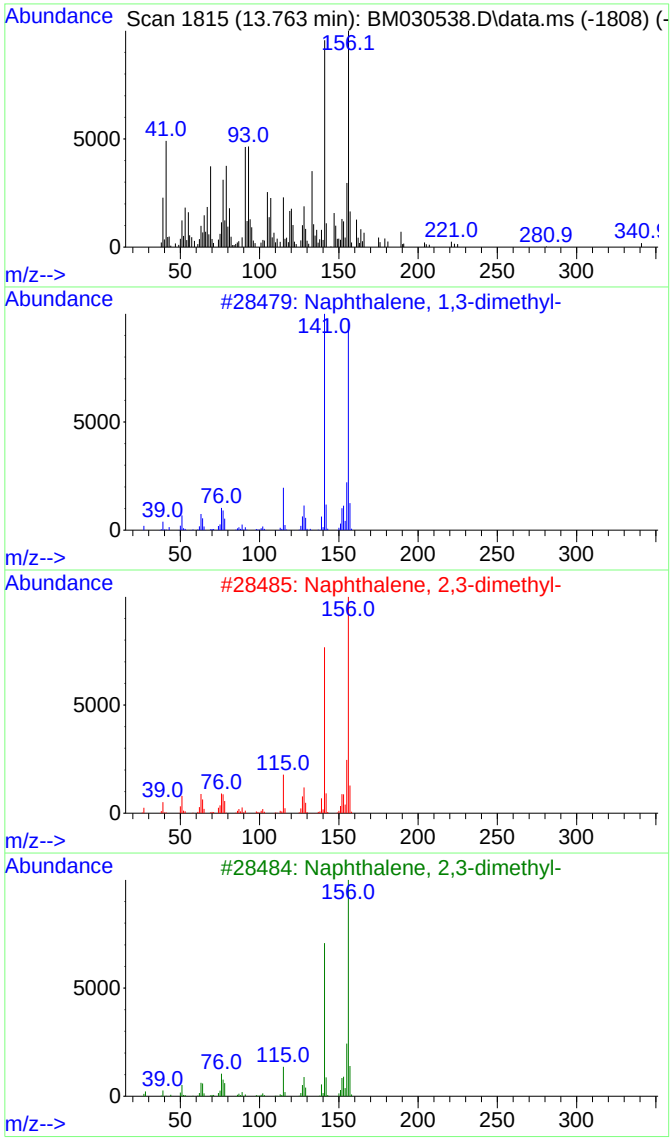
Quant Title : SVOA CALIBRATION

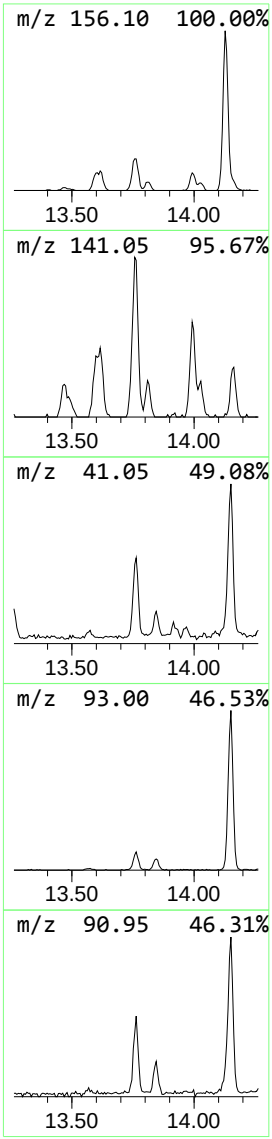
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.760	2.37 ng/ul	223849	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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

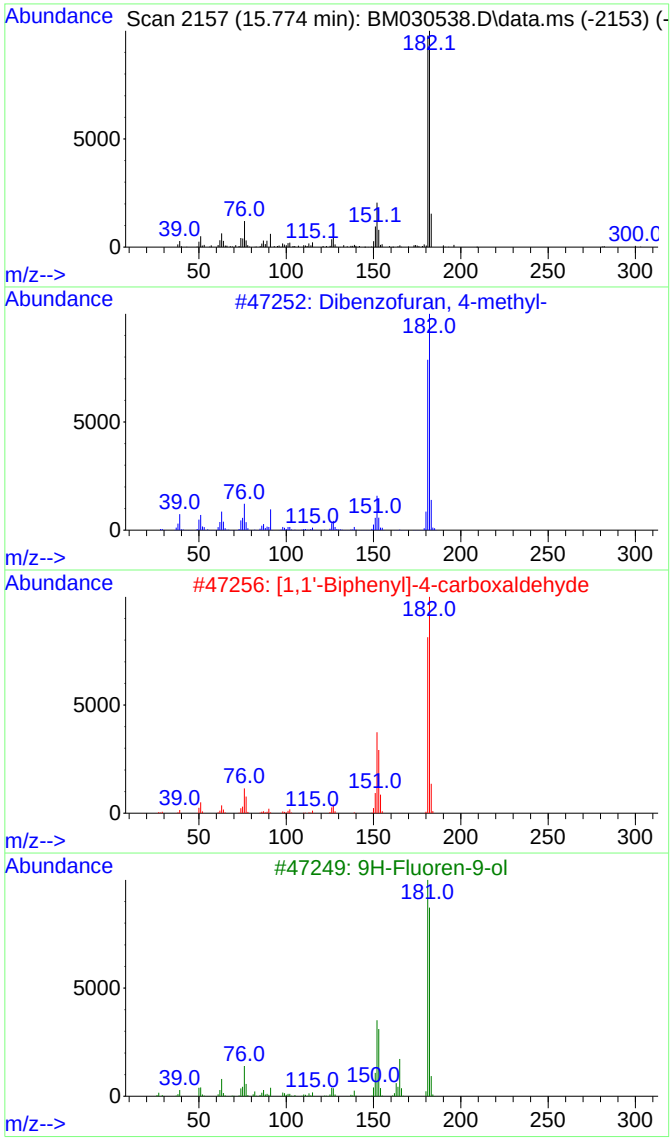
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

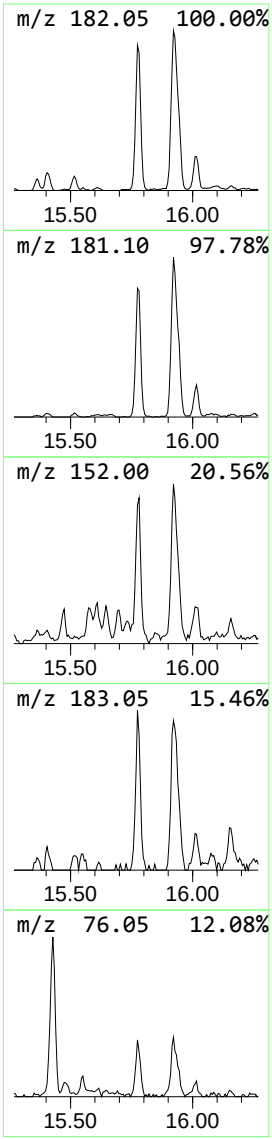
****

Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.770	2.01 ng/ul	189209	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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Data File : BM030538.D
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Operator : CG/JU
Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB1

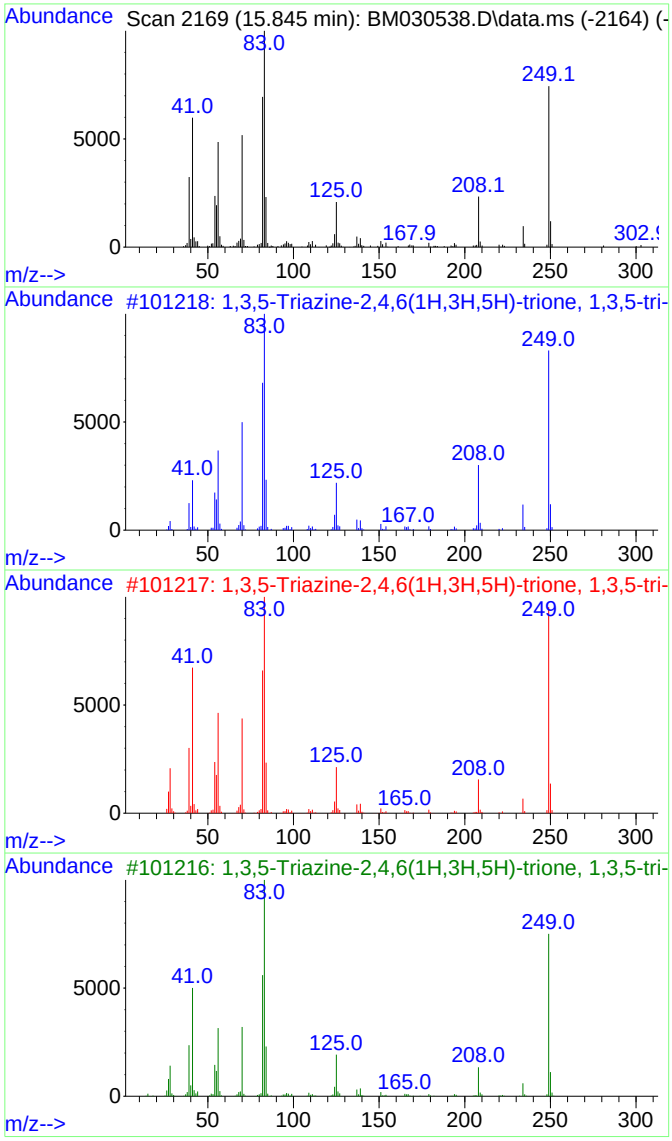
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

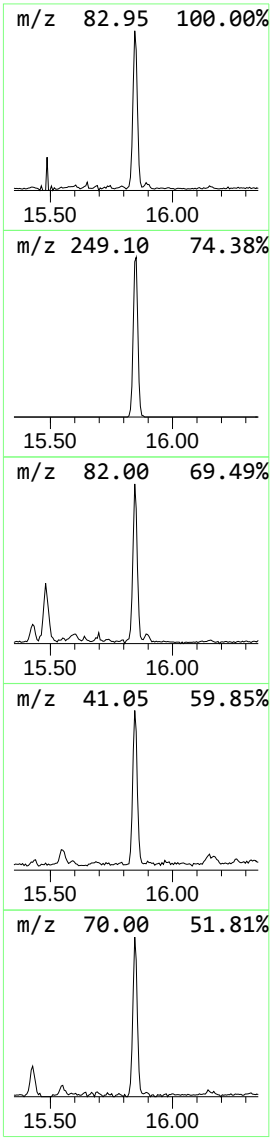
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,3,5-Triazine-2,4,6(1H,3H,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.850	3.07 ng/ul	301582	Phenanthrene-d10	17.174

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	98
3	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	96
4	Acetamide, N-(2-ethoxy-3,6-dihyd...	199	C10H17NO3	056248-08-9	27
5	12-Octadecenal	266	C18H34O	056554-91-7	14





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Acq On : 23 Jun 2021 05:36
Operator : CG/JU
Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB1

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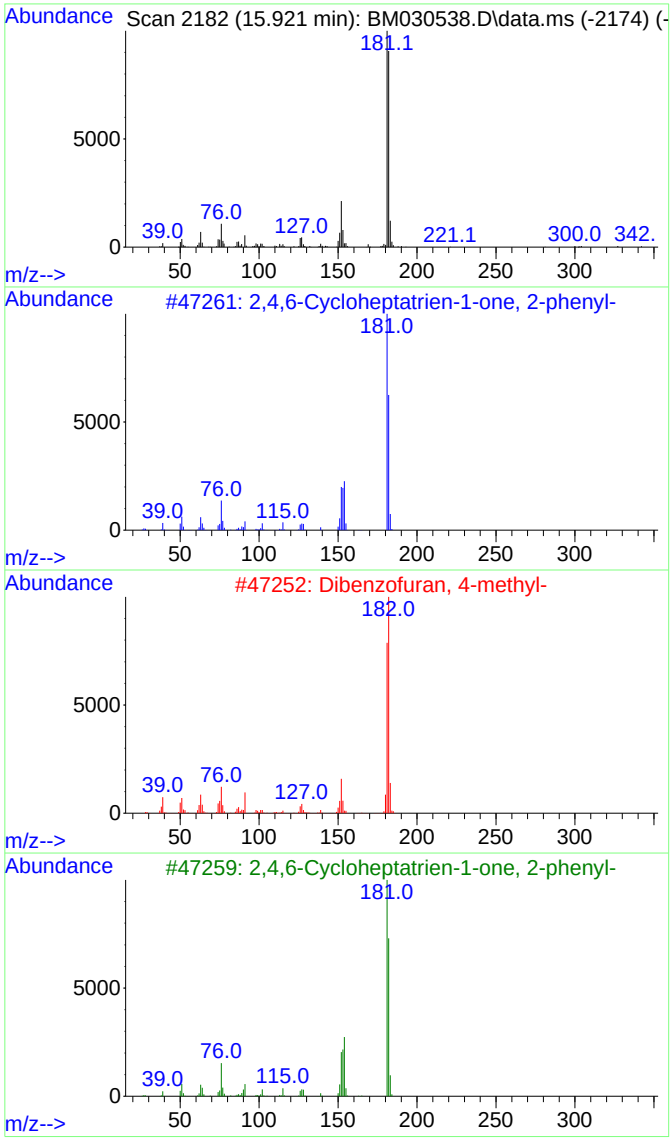
Quant Title : SVOA CALIBRATION

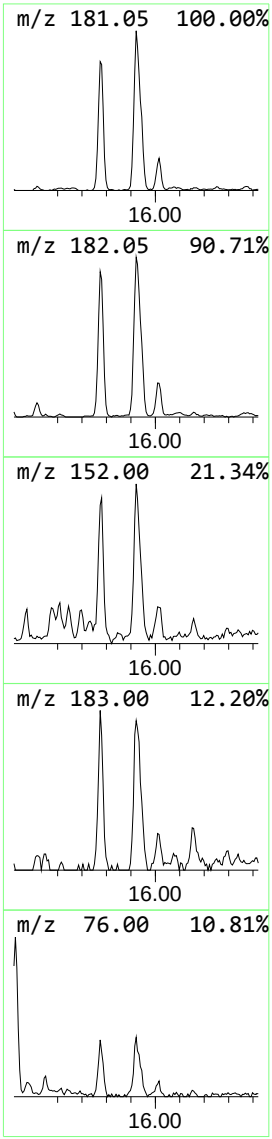
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,4,6-Cycloheptatrien-1-one... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.920	3.38 ng/ul	332060	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80





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Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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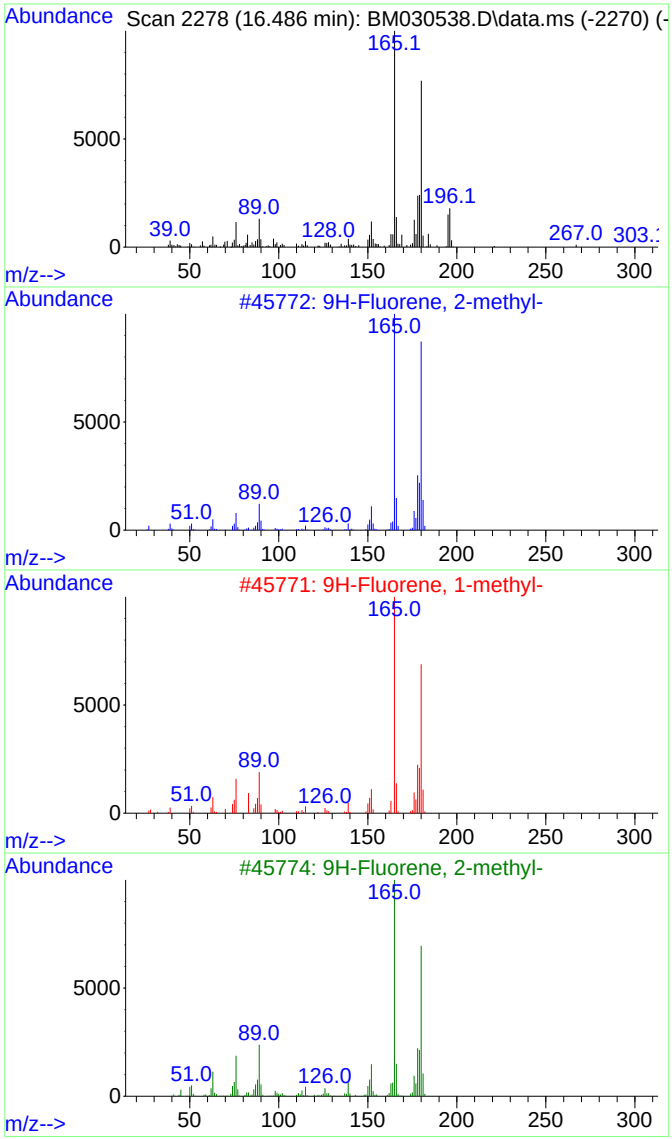
Quant Title : SVOA CALIBRATION

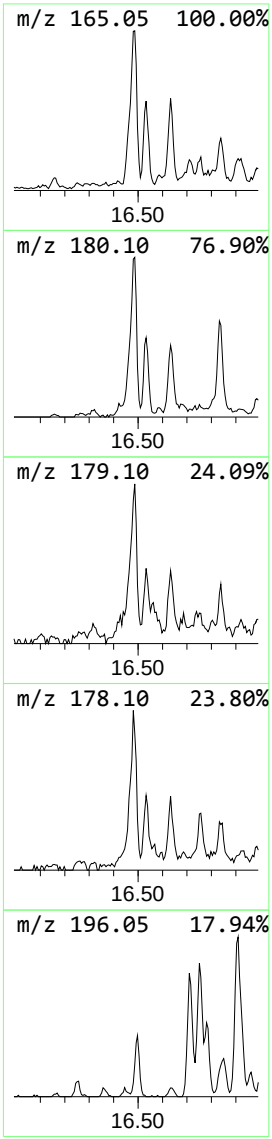
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9H-Fluorene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.490	2.09 ng/ul	205193	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	78





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Operator : CG/JU
Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

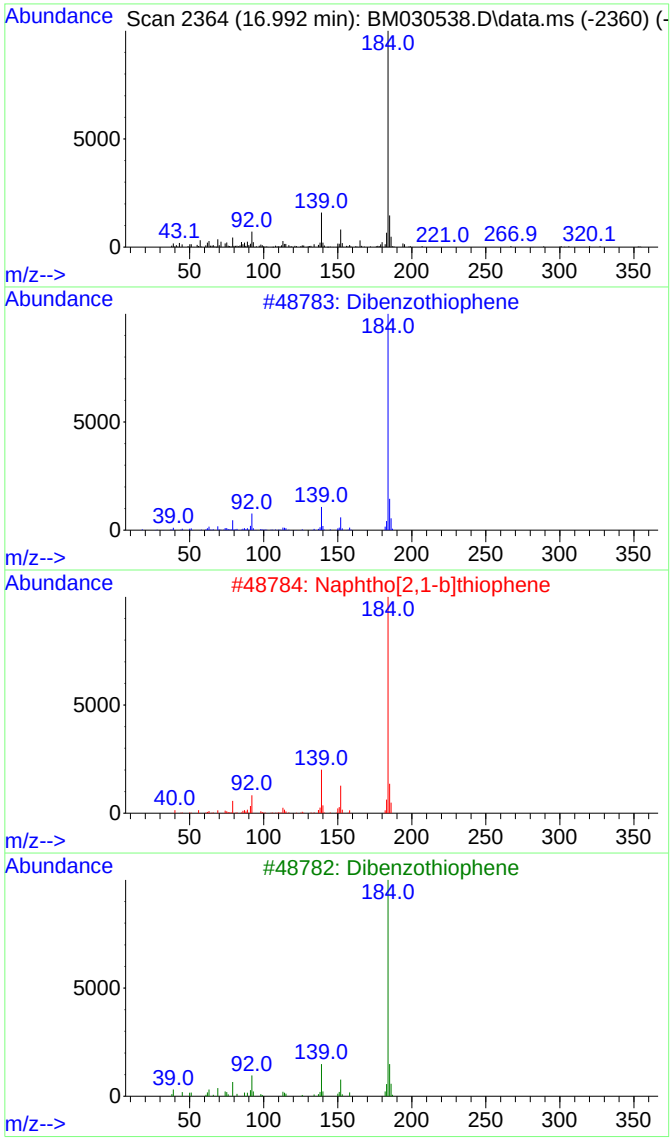
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

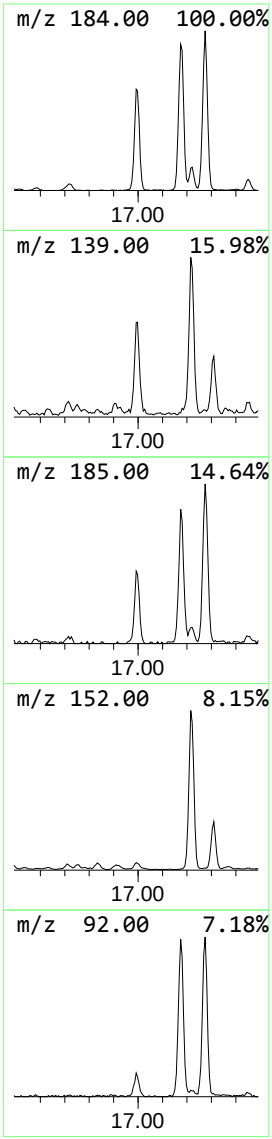
****

Peak Number 10 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.990	2.85 ng/ul	279959	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Operator : CG/JU
Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

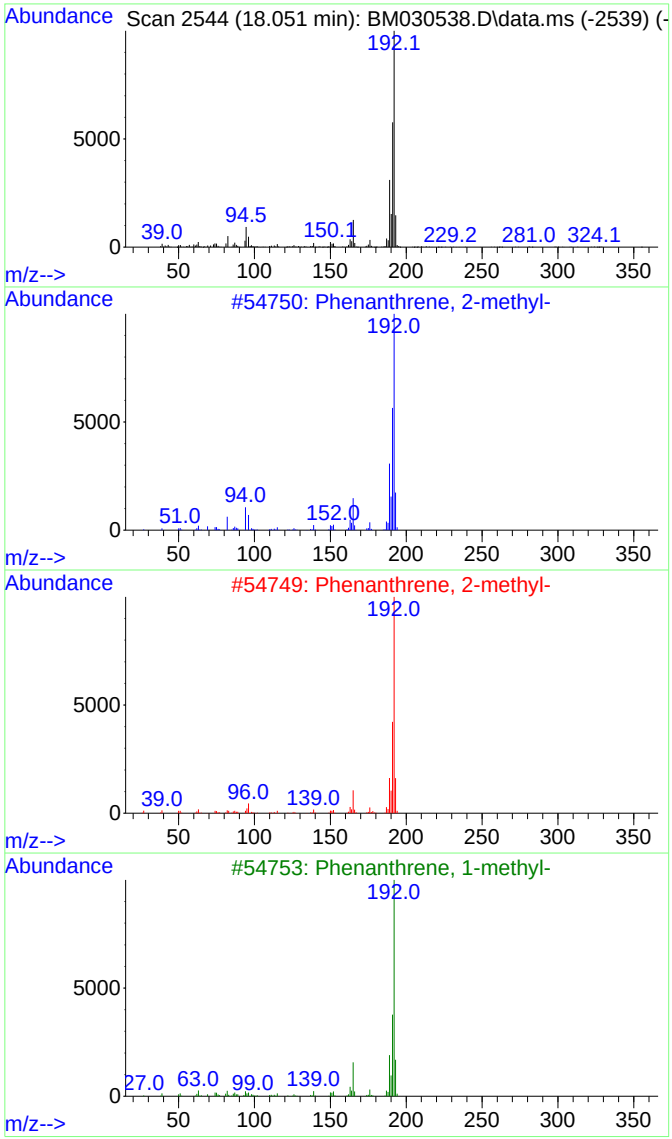
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

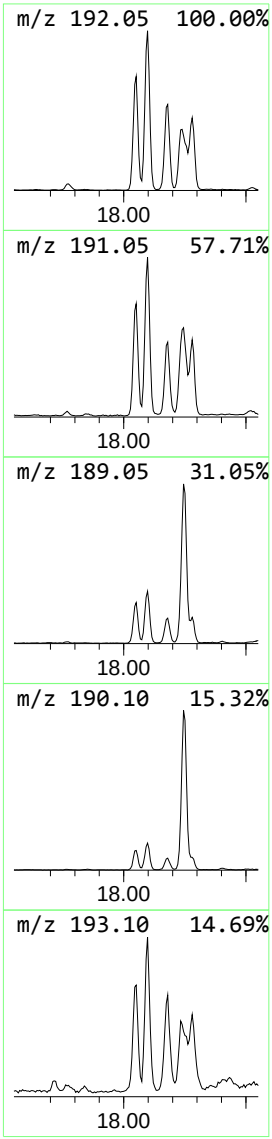
****

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.050	6.28 ng/ul	615878	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

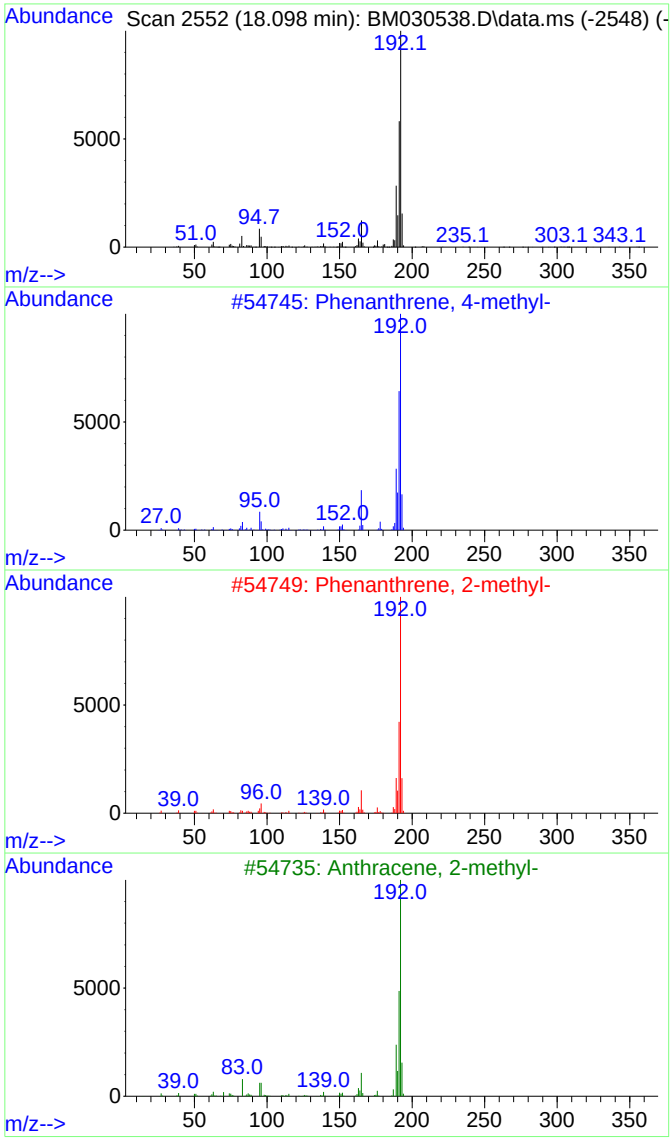
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

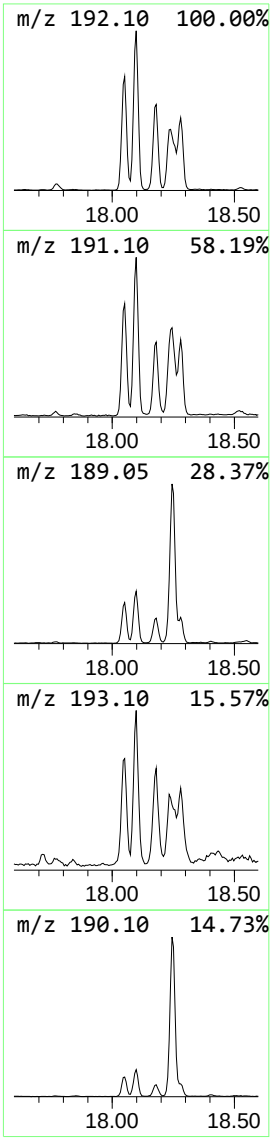
****

Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.100	7.20 ng/ul	706648	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

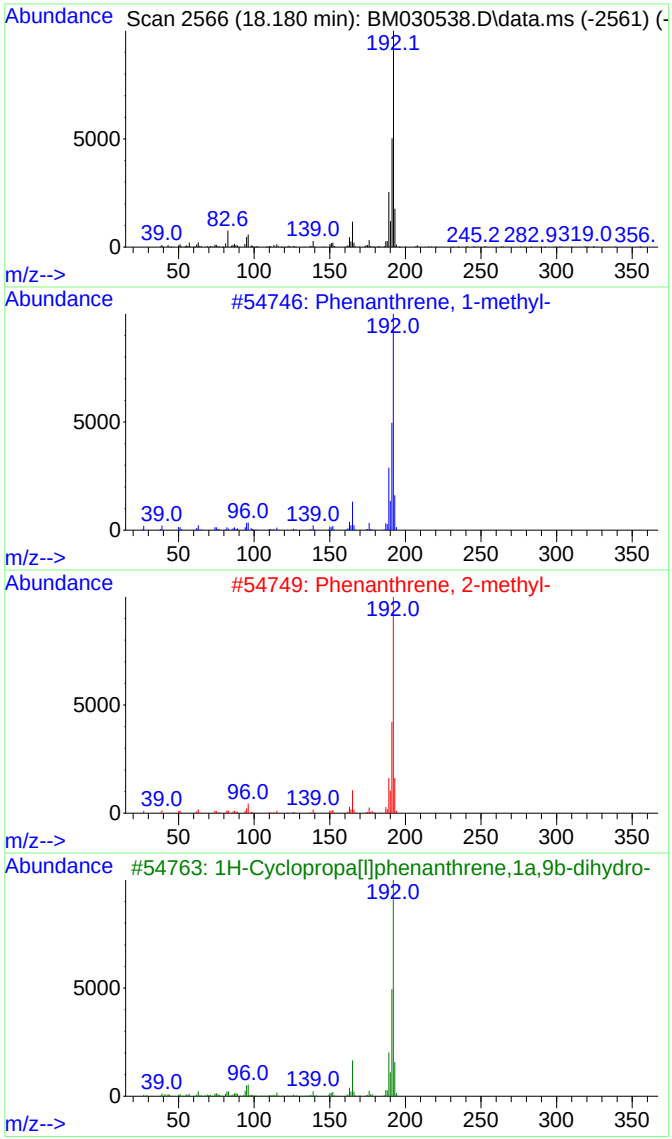
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

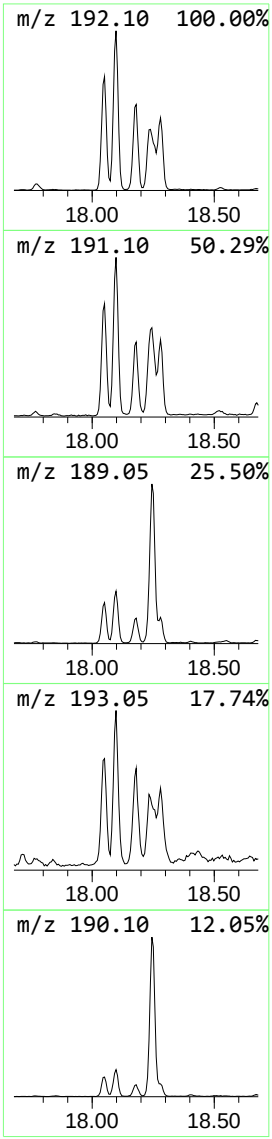
****

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	3.61 ng/ul	354308	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB1

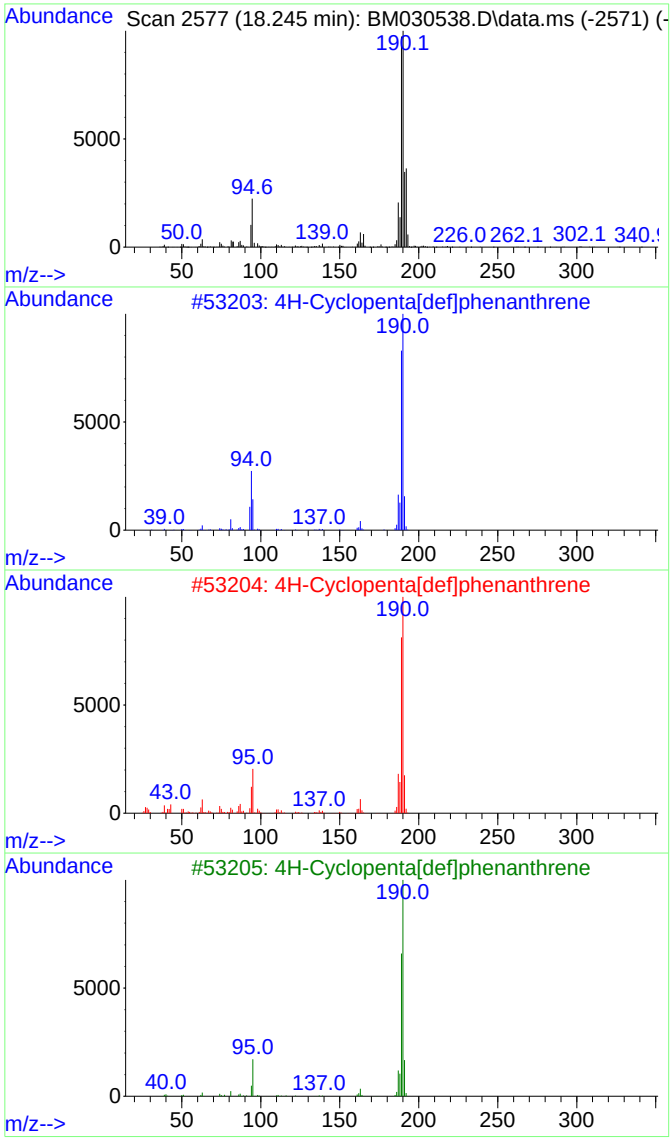
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

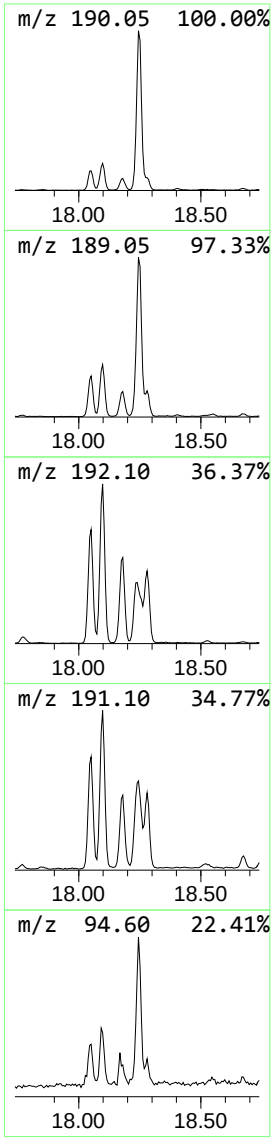
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	10.56 ng/ul	1036420	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

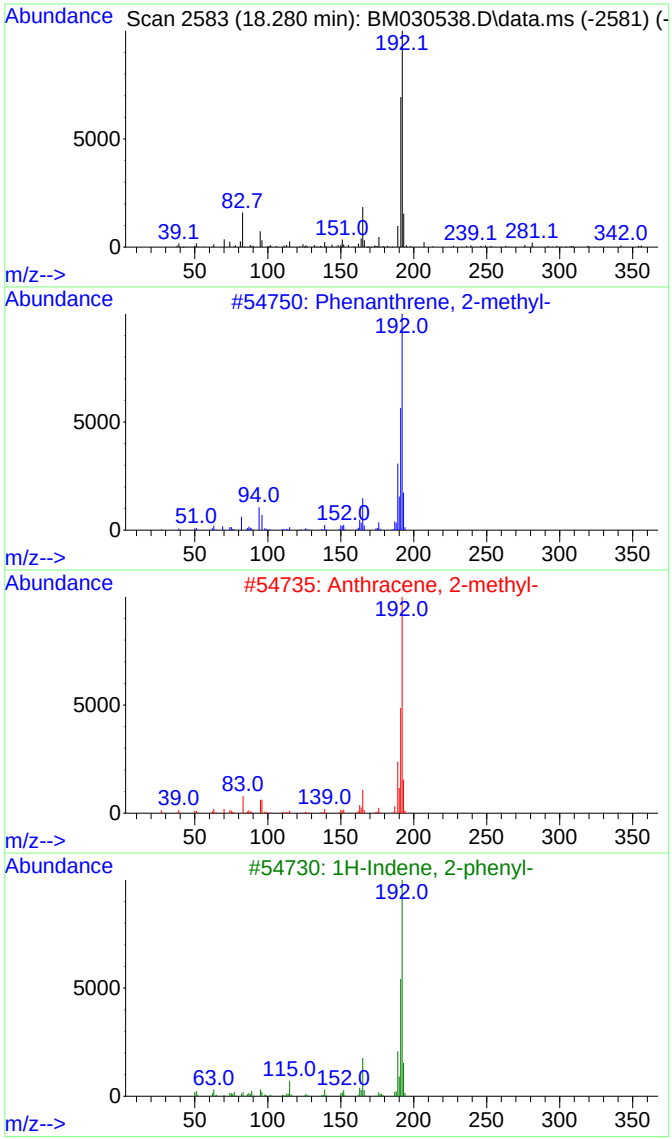
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

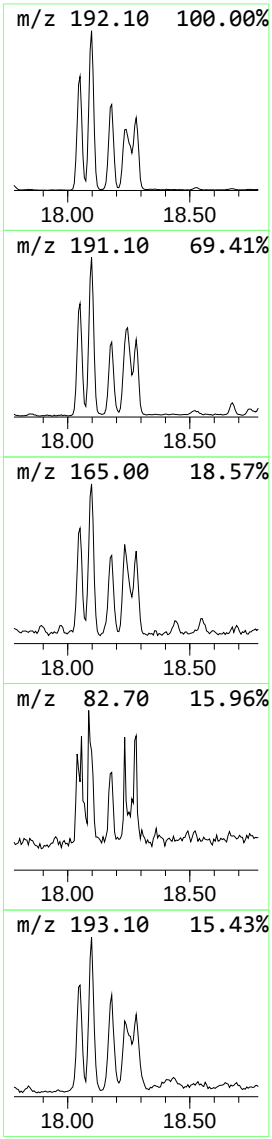
****

Peak Number 15 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	3.02 ng/ul	296694	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





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Sample : M2662-02
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Instrument : BNA_M
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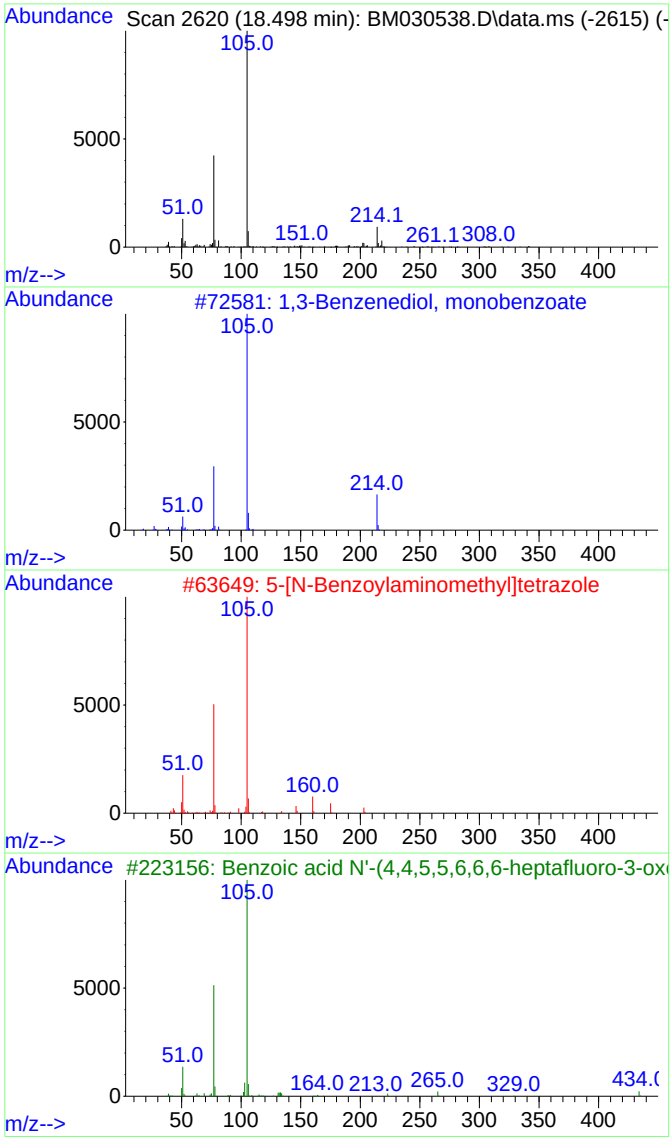
Quant Title : SVOA CALIBRATION

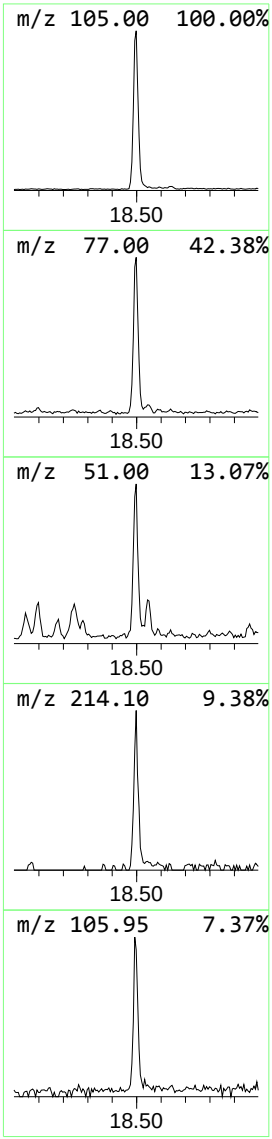
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,3-Benzenediol, monobenzoate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.500	2.38 ng/ul	233224	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	87
2	5-[N-Benzoylaminomethyl]tetrazole	203	C9H9N5O	1000227-36-3	64
3	Benzoic acid N'-(4,4,5,5,6,6,6-h...	434	C19H13F7N2O2	1000295-76-6	64
4	1,2(4H)-Oxazine-3-ol, 5,6-dihydr...	219	C11H9NO4	1000253-25-6	59
5	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	59





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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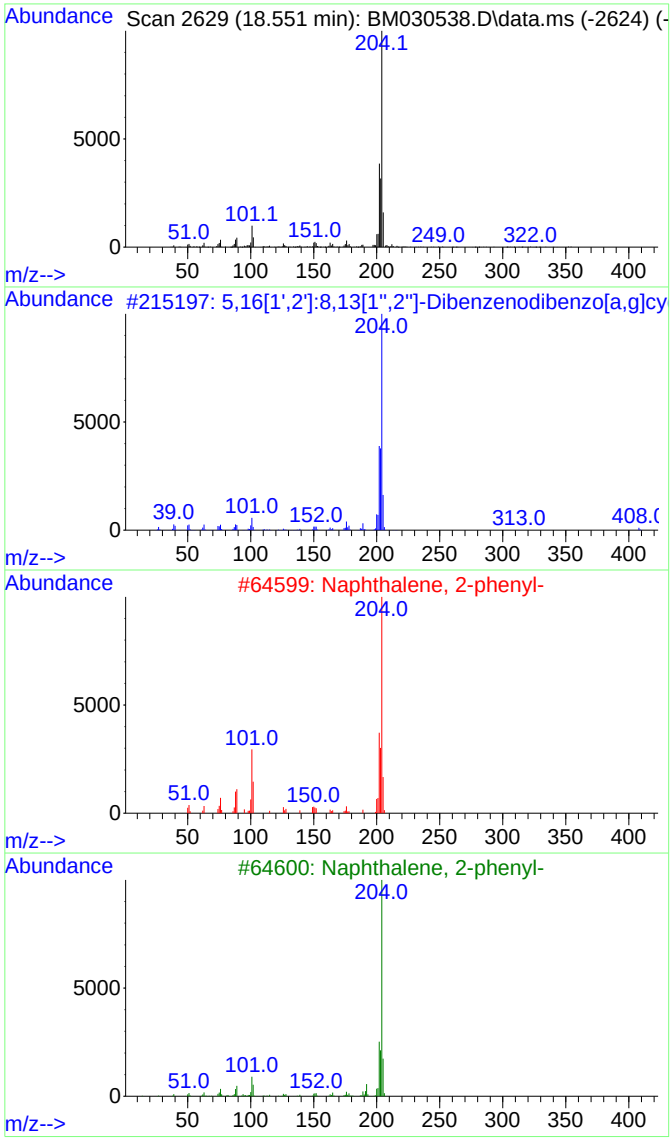
Quant Title : SVOA CALIBRATION

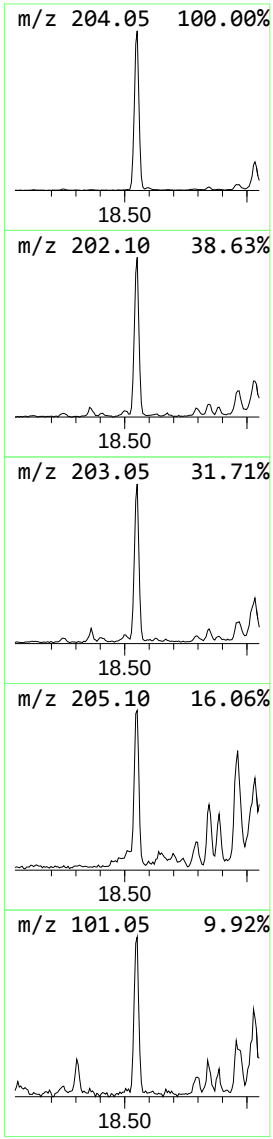
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.550	4.34 ng/ul	425415	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50





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Instrument : BNA_M
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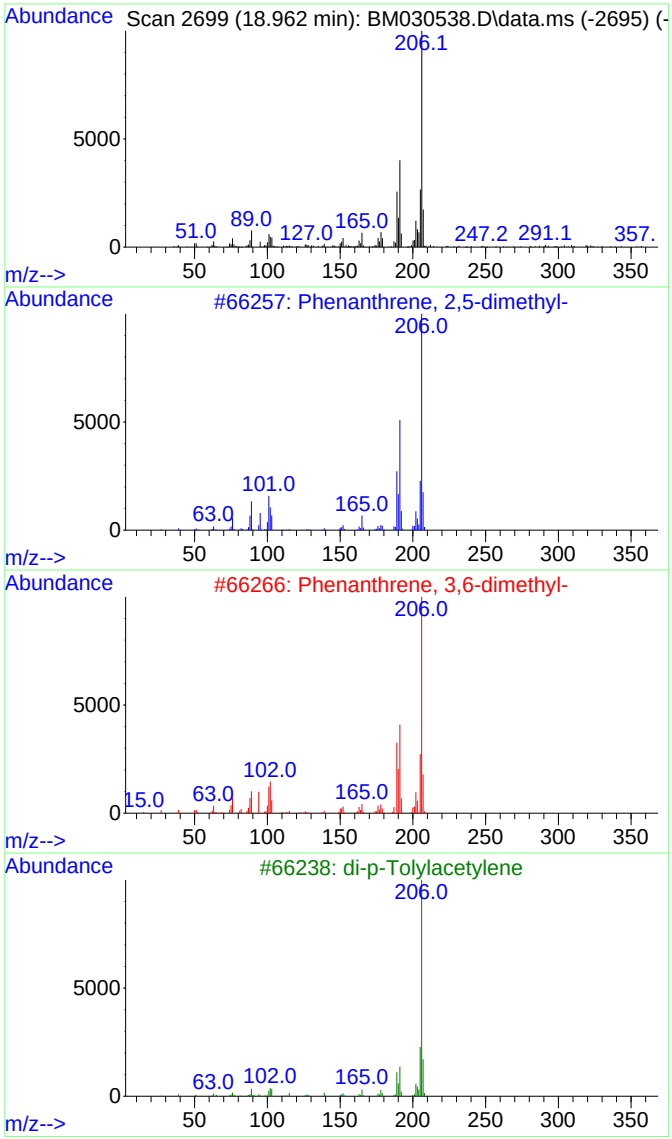
Quant Title : SVOA CALIBRATION

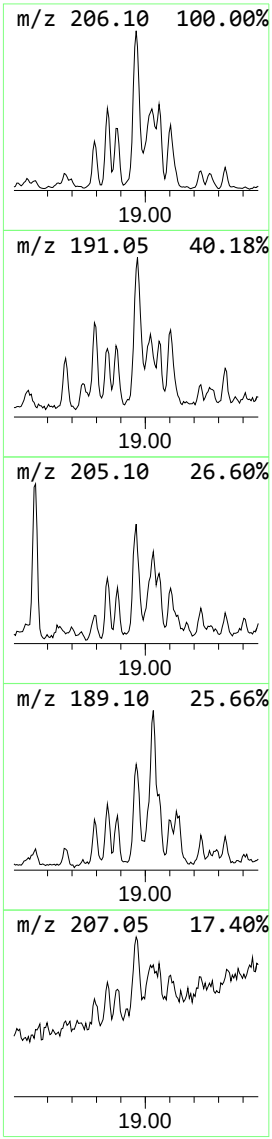
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.960	2.97 ng/ul	291685	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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Data File : BM030538.D
Acq On : 23 Jun 2021 05:36
Operator : CG/JU
Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB1

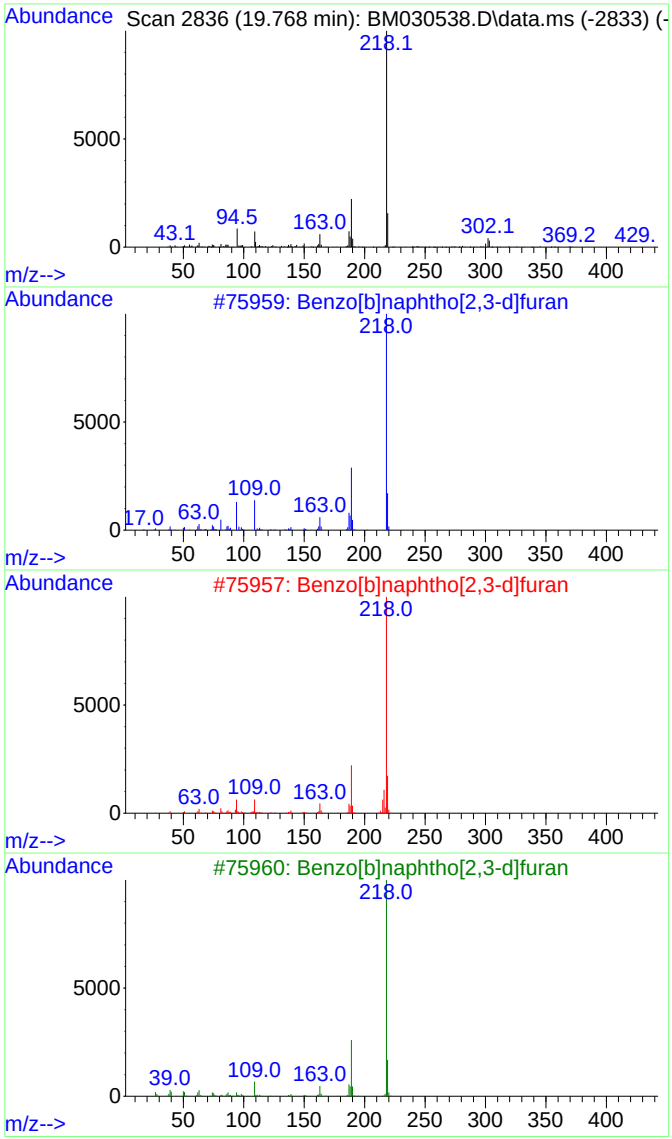
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

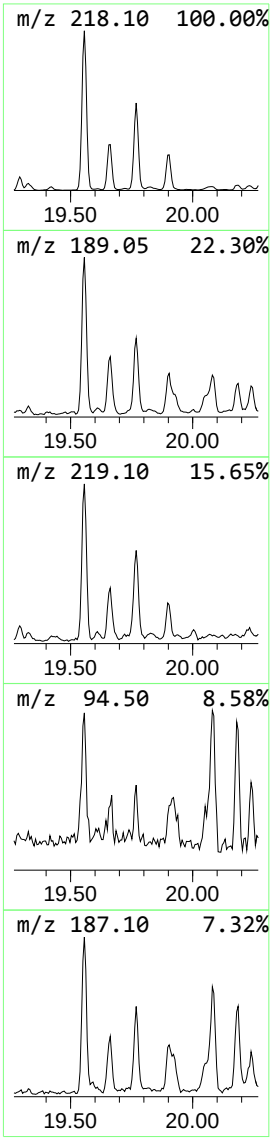
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzo[b]naphtho[2,3-d]furan Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.770	4.14 ng/ul	1155350	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	95
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	93
4	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	93
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	87





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Data File : BM030538.D
Acq On : 23 Jun 2021 05:36
Operator : CG/JU
Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB1

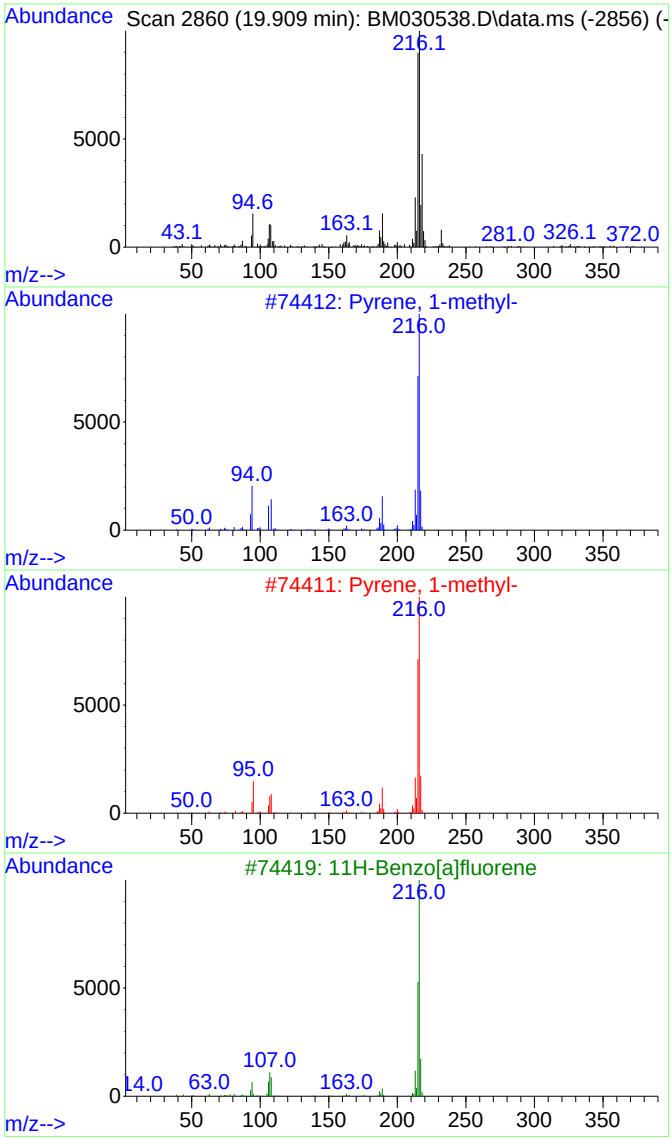
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

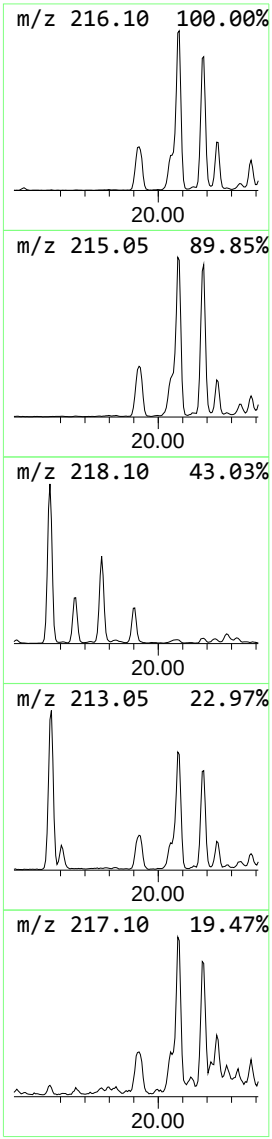
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.910	2.22 ng/ul	618671	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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Data File : BM030538.D
Acq On : 23 Jun 2021 05:36
Operator : CG/JU
Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB1

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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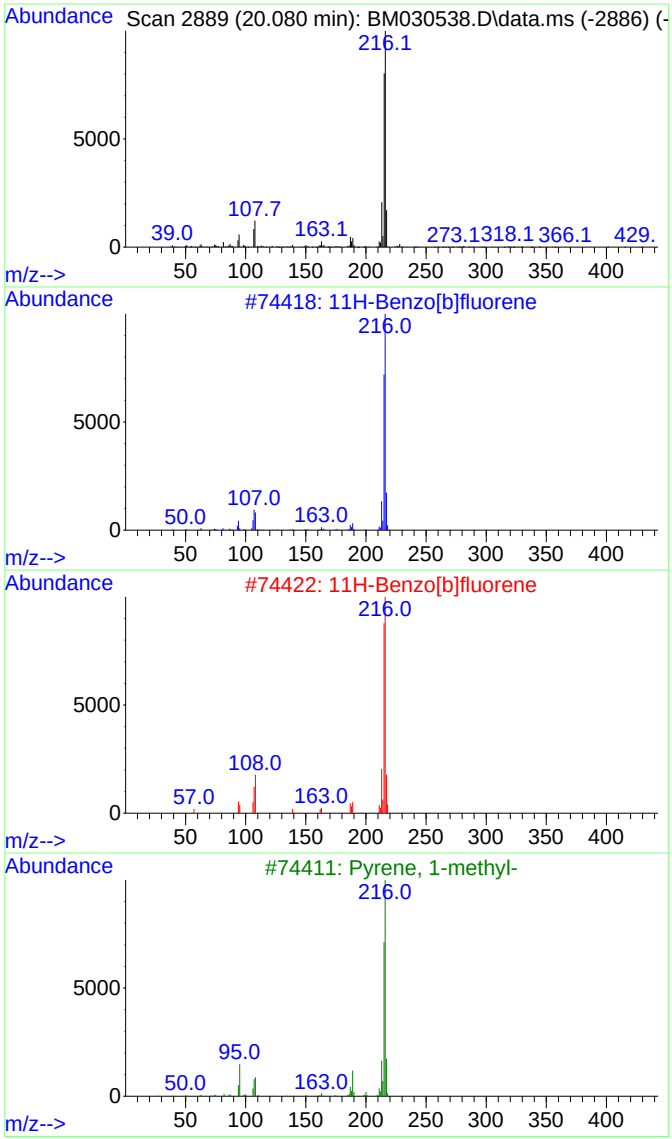
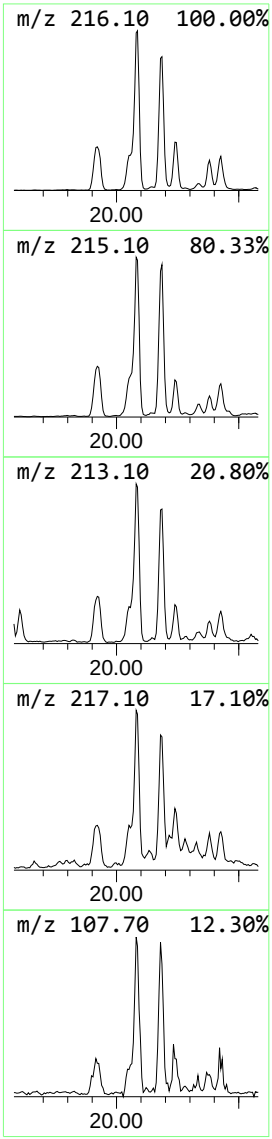
Peak Number 21 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.080	3.57 ng/ul	996223	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030538.D
Acq On : 23 Jun 2021 05:36
Operator : CG/JU
Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB1

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

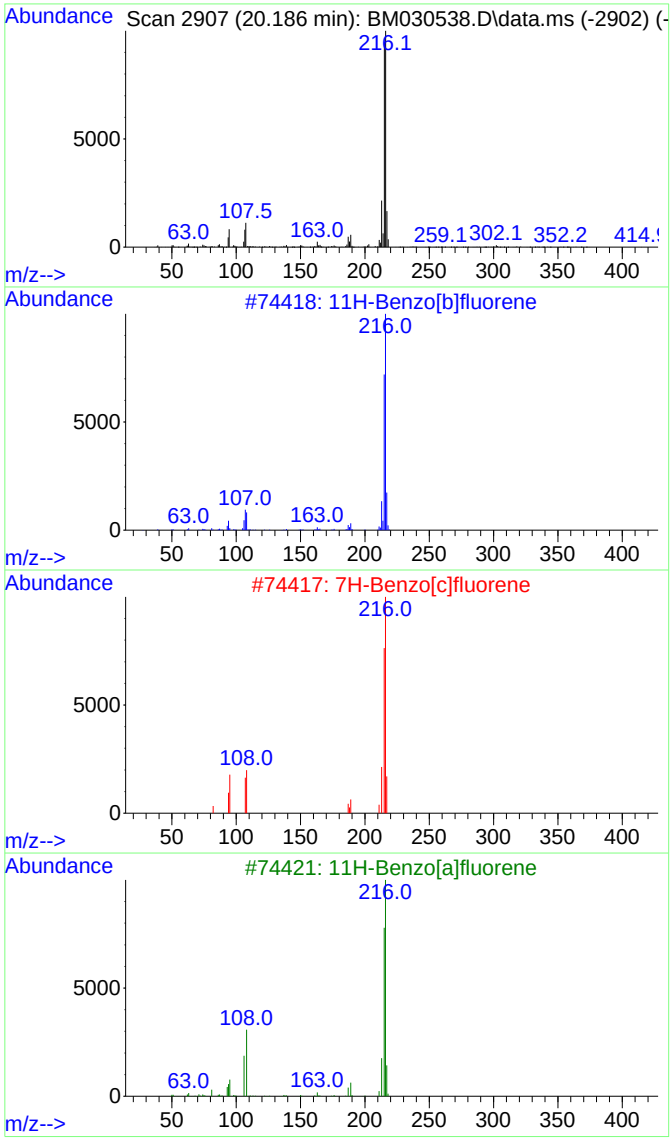
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

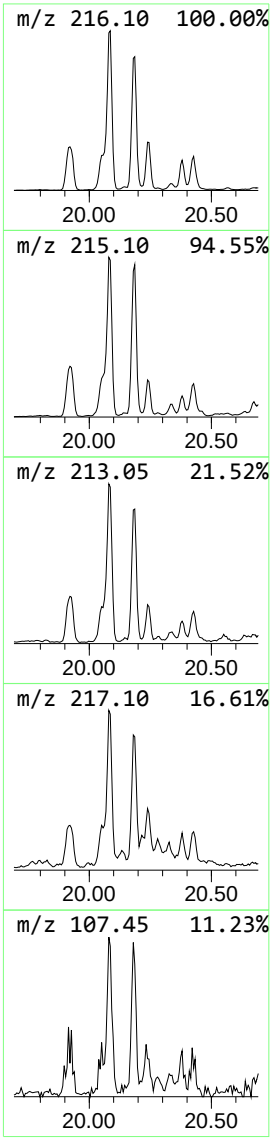
****

Peak Number 22 7H-Benzo[c]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.190	2.98 ng/ul	833114	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030538.D
Acq On : 23 Jun 2021 05:36
Operator : CG/JU
Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB1

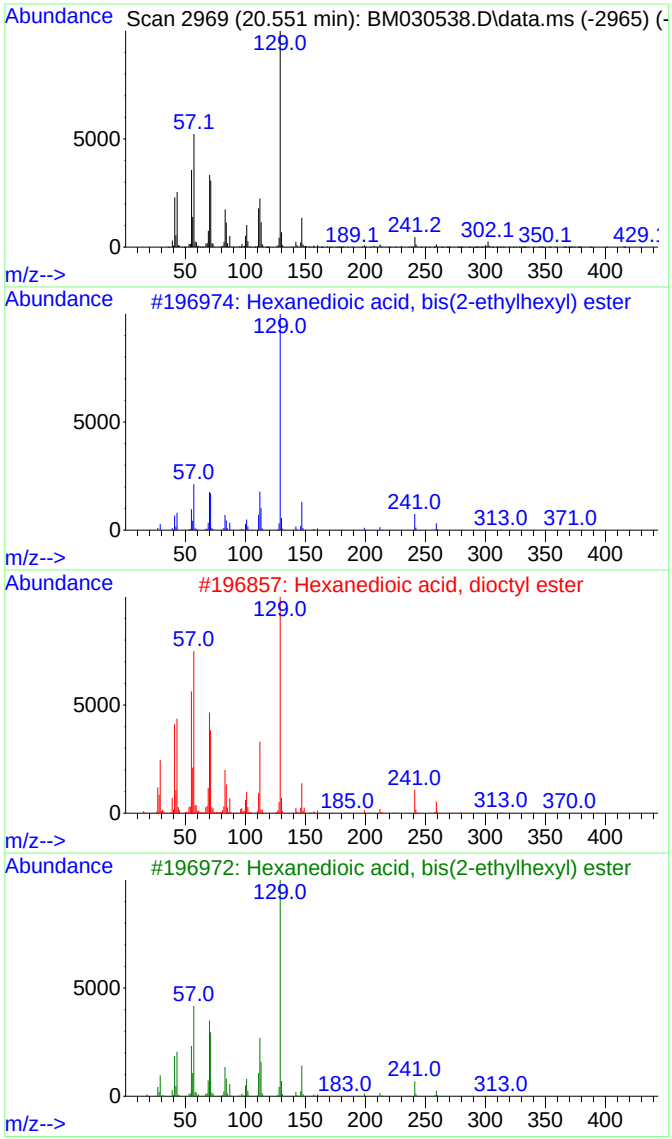
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

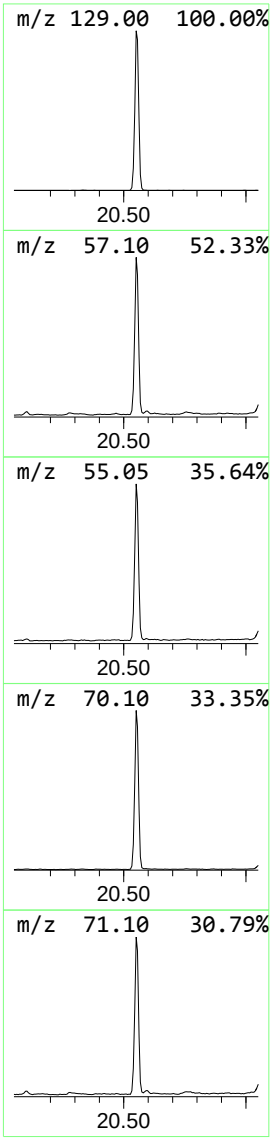
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.550	12.74 ng/ul	3558530	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030538.D
Acq On : 23 Jun 2021 05:36
Operator : CG/JU
Sample : M2662-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB1

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
1-Butene, 4-met...	4.560	2.4	ng/ul	133859	1	7.804	1101890	20.0
Benzene, 1,3-di...	5.460	5.7	ng/ul	312281	1	7.804	1101890	20.0
Naphthalene, 1,...	13.760	2.4	ng/ul	223849	3	14.439	1887250	20.0
Dibenzofuran, 4...	15.770	2.0	ng/ul	189209	3	14.439	1887250	20.0
1,3,5-Triazine-...	15.850	3.1	ng/ul	301582	4	17.174	1962540	20.0
2,4,6-Cyclohept...	15.920	3.4	ng/ul	332060	4	17.174	1962540	20.0
9H-Fluorene, 2-...	16.490	2.1	ng/ul	205193	4	17.174	1962540	20.0
Dibenzothiophene	16.990	2.9	ng/ul	279959	4	17.174	1962540	20.0
Phenanthrene, 2...	18.050	6.3	ng/ul	615878	4	17.174	1962540	20.0
Phenanthrene, 4...	18.100	7.2	ng/ul	706648	4	17.174	1962540	20.0
Phenanthrene, 1...	18.180	3.6	ng/ul	354308	4	17.174	1962540	20.0
4H-Cyclopenta[d...	18.240	10.6	ng/ul	1036420	4	17.174	1962540	20.0
Anthracene, 2-m...	18.280	3.0	ng/ul	296694	4	17.174	1962540	20.0
1,3-Benzenediol...	18.500	2.4	ng/ul	233224	4	17.174	1962540	20.0
5,16[1',2']:8,1...	18.550	4.3	ng/ul	425415	4	17.174	1962540	20.0
Phenanthrene, 2...	18.960	3.0	ng/ul	291685	4	17.174	1962540	20.0
Benzo[b]naphtho...	19.770	4.1	ng/ul	1155350	5	21.345	5585780	20.0
Pyrene, 1-methyl-	19.910	2.2	ng/ul	618671	5	21.345	5585780	20.0
11H-Benzo[b]flu...	20.080	3.6	ng/ul	996223	5	21.345	5585780	20.0
7H-Benzo[c]fluo...	20.190	3.0	ng/ul	833114	5	21.345	5585780	20.0
Hexanedioic aci...	20.550	12.7	ng/ul	3558530	5	21.345	5585780	20.0