LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
Data File : BM030482.D
Acq On : 17 Jun 2021 00:48
Operator : CG/JU
Sample : M2596-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5R5

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-BM060621.M
Title : SVOA CALIBRATION

Signal : TIC: BM030482.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.334	35	42	53	rBV3	41596	138552	1.43%	0.125%
2	3.734	103	110	117	rBV2	143753	321976	3.33%	0.292%
3	3.816	120	124	131	rVV	413774	579521	5.99%	0.525%
4	4.040	157	162	173	rVB	65434	109792	1.14%	0.099%
5	4.593	251	256	262	rVB	124161	183799	1.90%	0.166%
6	4.946	311	316	324	rVB	54209	83313	0.86%	0.075%
7	5.046	329	333	340	rBV	55747	87905	0.91%	0.080%
8	5.481	401	407	415	rBV	131992	272576	2.82%	0.247%
9	5.846	462	469	475	rBV	67380	112428	1.16%	0.102%
10	6.998	656	665	676	rBV	494836	837018	8.66%	0.758%
11	7.157	686	692	701	rBV	415053	655726	6.78%	0.594%
12	7.363	720	727	738	rVB	532563	871675	9.01%	0.789%
13	7.828	799	806	812	rVB	713991	1131903	11.70%	1.025%
14	8.534	915	926	934	rBV	305127	533502	5.52%	0.483%
15	8.981	996	1002	1012	rVB	475218	808674	8.36%	0.732%
16	9.698	1117	1124	1131	rBV	382691	650913	6.73%	0.590%
17	10.028	1171	1180	1188	rBV5	57214	110928	1.15%	0.100%
18	10.239	1209	1216	1231	rBV	550203	991159	10.25%	0.898%
19	10.398	1237	1243	1252	rBV2	78262	168898	1.75%	0.153%
20	10.616	1270	1280	1285	rBV	898194	1565516	16.19%	1.418%
21	10.663	1285	1288	1295	rVB	127142	196057	2.03%	0.178%
22	10.751	1296	1303	1315	rBV	249934	543278	5.62%	0.492%
23	12.275	1556	1562	1567	rVB	96287	158124	1.64%	0.143%
24	12.492	1592	1599	1607	rVB	96120	160460	1.66%	0.145%
25	13.280	1727	1733	1739	rBV2	49313	85002	0.88%	0.077%
26	13.345	1739	1744	1754	rVB	72257	120783	1.25%	0.109%
27	13.774	1810	1817	1822	rBV	90603	168428	1.74%	0.153%
28	13.857	1822	1831	1837	rVV	1057544	1532780	15.85%	1.388%
29	14.010	1852	1857	1861	rVV	46149	83485	0.86%	0.076%
30	14.145	1867	1880	1895	rBV	1237320	2117299	21.89%	1.918%
31	14.451	1921	1932	1938	rBV	1395924	2108043	21.80%	1.909%
32	14.510	1938	1942	1950	rVV	285909	457779	4.73%	0.415%
33	14.657	1961	1967	1976	rBV	291246	560971	5.80%	0.508%
34	14.757	1978	1984	1988	rVV2	39400	82526	0.85%	0.075%
35	14.845	1995	1999	2006	rVV	174456	312038	3.23%	0.283%
36	15.439	2093	2100	2105	rVV	1680587	2388409	24.70%	2.163%

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Integrator: RTE
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Title : SVOA CALIBRATION

37	15.492	2105	2109	2116	rVV	356049	552908	5.72%	0.501%
38	15.563	2116	2121	2125	rVV	148564	257231	2.66%	0.233%
39	15.621	2128	2131	2134	rVV2	71217	105787	1.09%	0.096%
40	15.657	2134	2137	2143	rVV2	72300	149388	1.54%	0.135%
41	15.792	2155	2160	2166	rVV	85472	155085	1.60%	0.140%
42	15.857	2166	2171	2176	rVV	329801	441177	4.56%	0.400%
43	15.933	2180	2184	2192	rVB	83779	176149	1.82%	0.160%
44	16.021	2192	2199	2208	rBV4	26561	77475	0.80%	0.070%
45	16.163	2218	2223	2229	rVB4	63920	131586	1.36%	0.119%
46	16.492	2270	2279	2284	rBV3	91532	234369	2.42%	0.212%
47	16.545	2284	2288	2293	rVB2	67555	99280	1.03%	0.090%
48	16.845	2334	2339	2346	rVB	129514	217581	2.25%	0.197%
49	16.945	2348	2356	2362	rVV3	153978	352249	3.64%	0.319%
50	17.004	2362	2366	2376	rVB	188356	315108	3.26%	0.285%
51	17.186	2391	2397	2400	rBV	1678151	2373712	24.55%	2.150%
52	17.233	2400	2405	2409	rVV	3858063	5508412	56.96%	4.989%
53	17.286	2409	2414	2417	rVV	1856414	2640205	27.30%	2.391%
54	17.321	2417	2420	2425	rVV	808252	1101695	11.39%	0.998%
55	17.374	2425	2429	2434	rVV2	94017	159860	1.65%	0.145%
56	17.592	2459	2466	2470	rBV2	243647	395188	4.09%	0.358%
57	17.704	2483	2485	2491	rVB2	85172	99753	1.03%	0.090%
58	17.768	2492	2496	2502	rBV2	87311	135253	1.40%	0.122%
59	18.057	2540	2545	2550	rBV	557134	1080038	11.17%	0.978%
60	18.109	2550	2554	2556	rVV	711581	1026837	10.62%	0.930%
61	18.151	2556	2561	2565	rVV	7943104	9670649	100.00%	8.759%
62	18.186	2565	2567	2572	rVV	373256	463887	4.80%	0.420%
63	18.256	2573	2579	2582	rVV2	765046	1420041	14.68%	1.286%
64	18.292	2582	2585	2592	rVB	384508	584817	6.05%	0.530%
65	18.368	2594	2598	2601	rBV3	105544	144002	1.49%	0.130%
66	18.556	2626	2630	2634	rVV	367409	473633	4.90%	0.429%
67	18.604	2634	2638	2645	rVB2	288201	431274	4.46%	0.391%
68	18.768	2663	2666	2669	rBV4	62820	86307	0.89%	0.078%
69	18.804	2669	2672	2675	rBV	152505	178867	1.85%	0.162%
70	18.862	2676	2682	2686	rBV	1532403	2401577	24.83%	2.175%
71	18.974	2697	2701	2706	rBV	303688	605949	6.27%	0.549%
72	19.115	2721	2725	2735	rBV2	261554	582644	6.02%	0.528%
73	19.239	2740	2746	2753	rVB	5869338	7674412	79.36%	6.951%
74	19.298	2754	2756	2759	rBV	83894	97408	1.01%	0.088%
75	19.339	2759	2763	2768	rVV5	170126	334757	3.46%	0.303%
76	19.574	2797	2803	2805	rBV2	2893794	4434511	45.86%	4.016%

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Title : SVOA CALIBRATION

77	19.603	2805	2808	2815	rVV	5235087	6941444	71.78%	6.287%
78	19.668	2816	2819	2825	rVV2	236121	355327	3.67%	0.322%
79	19.774	2835	2837	2845	rVB	179702	233817	2.42%	0.212%
80	19.839	2845	2848	2853	rVB	262258	377224	3.90%	0.342%
81	19.921	2857	2862	2873	rBV3	335512	990808	10.25%	0.897%
82	20.056	2881	2885	2886	rBV3	227232	308806	3.19%	0.280%
83	20.092	2887	2891	2899	rVB	744890	1171327	12.11%	1.061%
84	20.192	2904	2908	2912	rBV	453070	557404	5.76%	0.505%
85	20.250	2912	2918	2921	rBV2	491328	836089	8.65%	0.757%
86	20.286	2922	2924	2928	rVB	186640	216638	2.24%	0.196%
87	20.374	2936	2939	2941	rBV	229717	343080	3.55%	0.311%
88	20.515	2960	2963	2964	rBV	221967	264590	2.74%	0.240%
89	20.545	2964	2968	2974	rVB	1448085	2031490	21.01%	1.840%
90	20.833	3014	3017	3023	rVB	463669	637899	6.60%	0.578%
91	21.127	3064	3067	3075	rVB2	497690	781800	8.08%	0.708%
92	21.262	3087	3090	3093	rVB	797760	877590	9.07%	0.795%
93	21.339	3098	3103	3108	rVV3	4182998	8017535	82.91%	7.261%
94	21.386	3108	3111	3116	rVB	2731089	3611752	37.35%	3.271%
95	21.497	3127	3130	3136	rVB2	449813	673093	6.96%	0.610%
96	21.662	3154	3158	3164	rVB2	1948709	2545694	26.32%	2.306%
97	22.197	3246	3249	3257	rVB2	586201	906973	9.38%	0.821%
98	22.944	3370	3376	3381	rBV	1966614	4606361	47.63%	4.172%
99	23.480	3463	3467	3471	rBV	1048562	1679137	17.36%	1.521%
100	23.627	3487	3492	3498	rVB2	1541569	2785410	28.80%	2.523%

Sum of corrected areas: 110413585

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Instrument :
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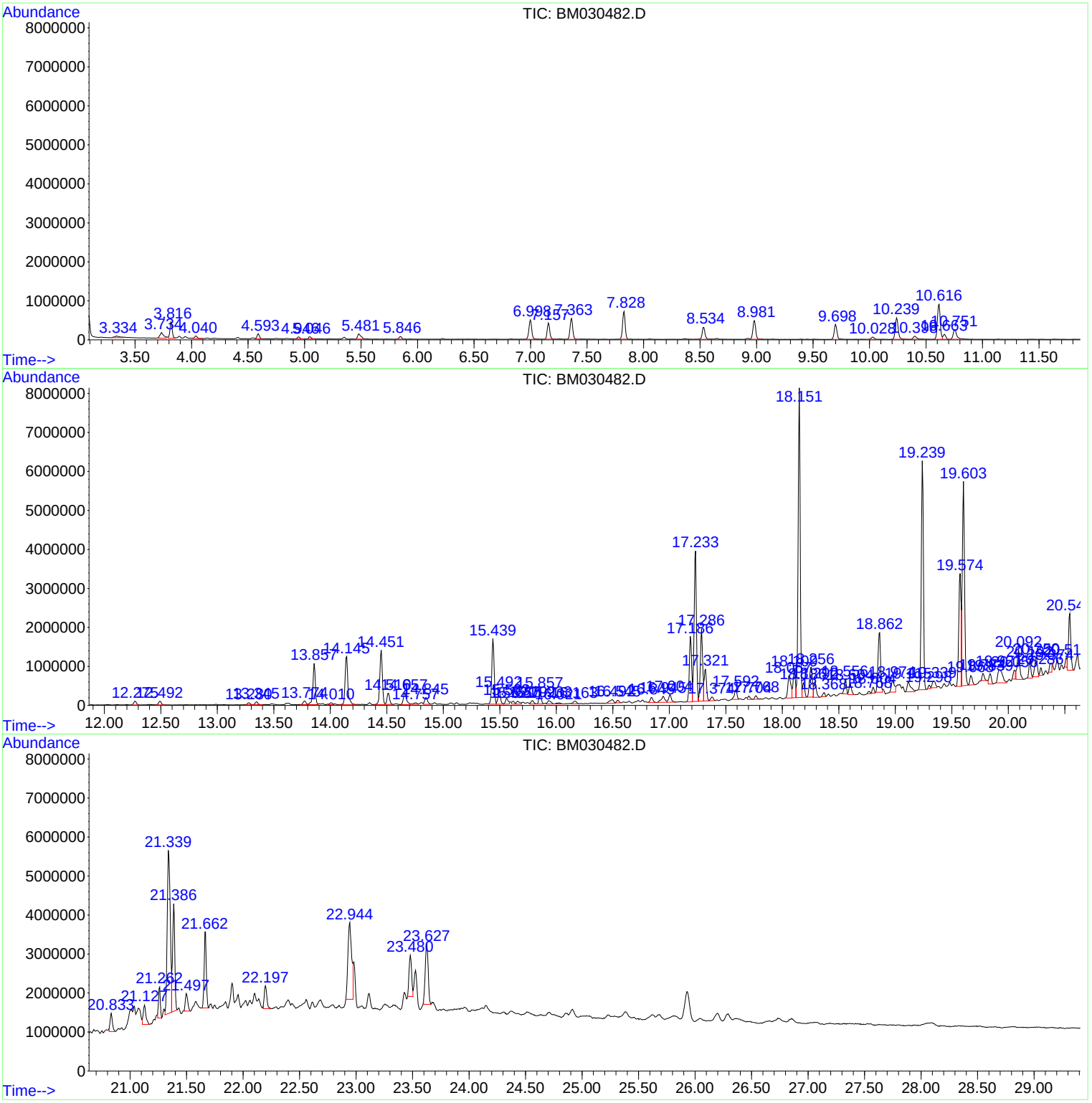
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

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



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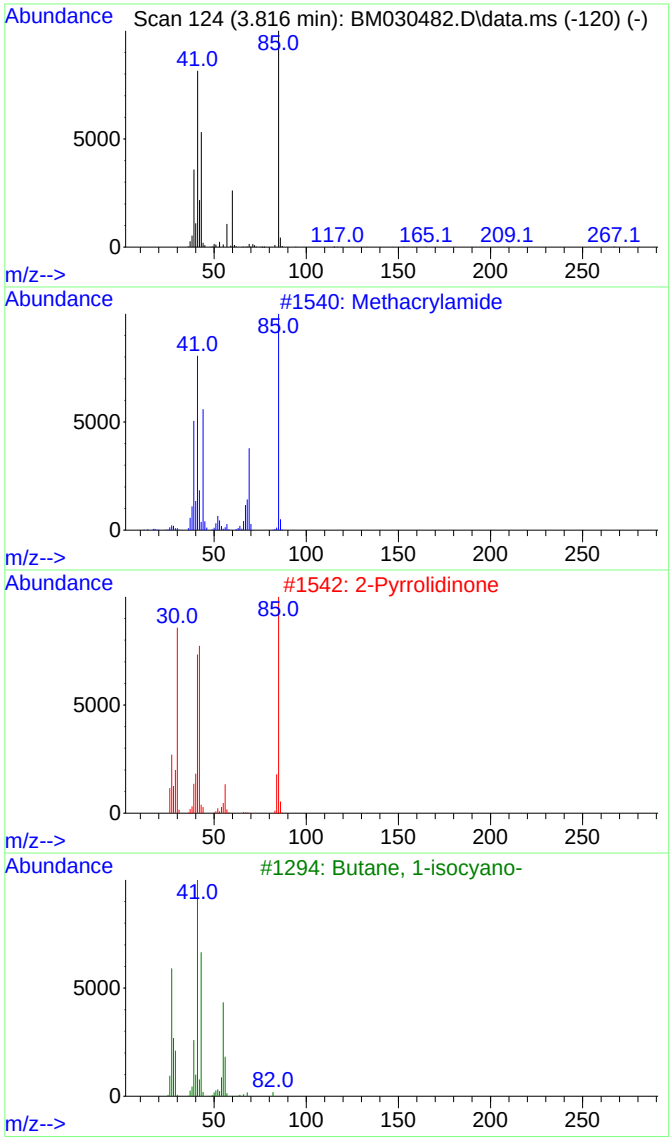
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

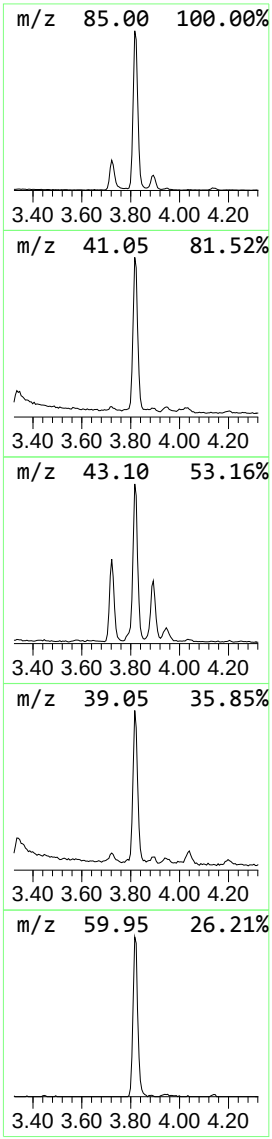
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.820	10.24 ng/ul	579521	1,4-Dichlorobenzene-d4	7.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	36
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28
3	Butane, 1-isocyano-	83	C5H9N	002769-64-4	9
4	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	9
5	Methacrylamide	85	C4H7NO	000079-39-0	9





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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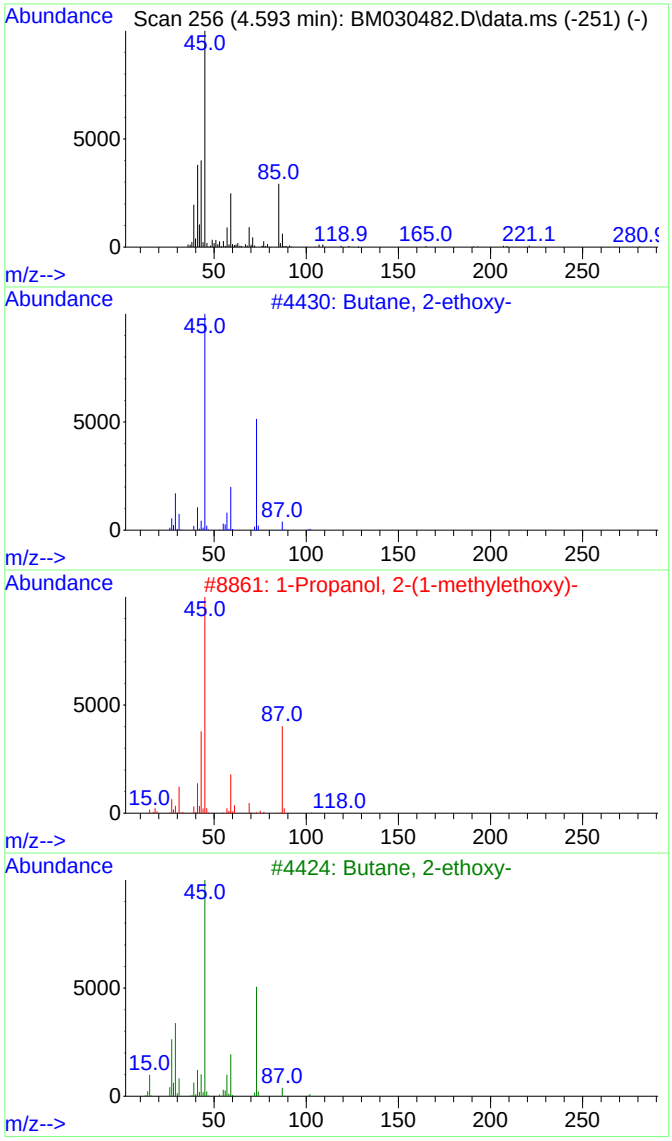
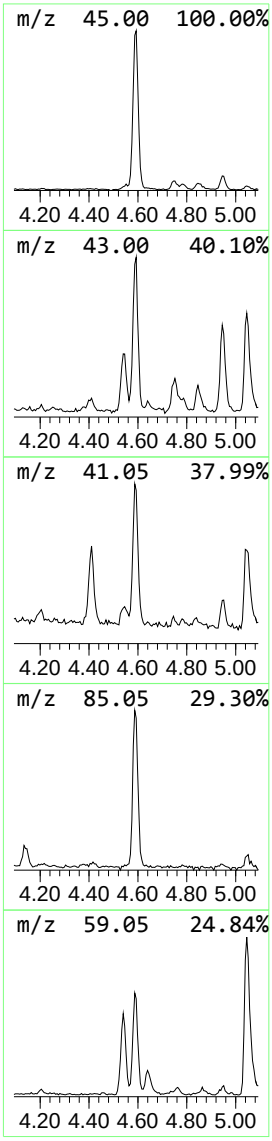
****

Peak Number 2 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.590	3.25 ng/ul	183799	1,4-Dichlorobenzene-d4	7.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	42
2	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	42
3	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	42
4	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	38
5	Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	37





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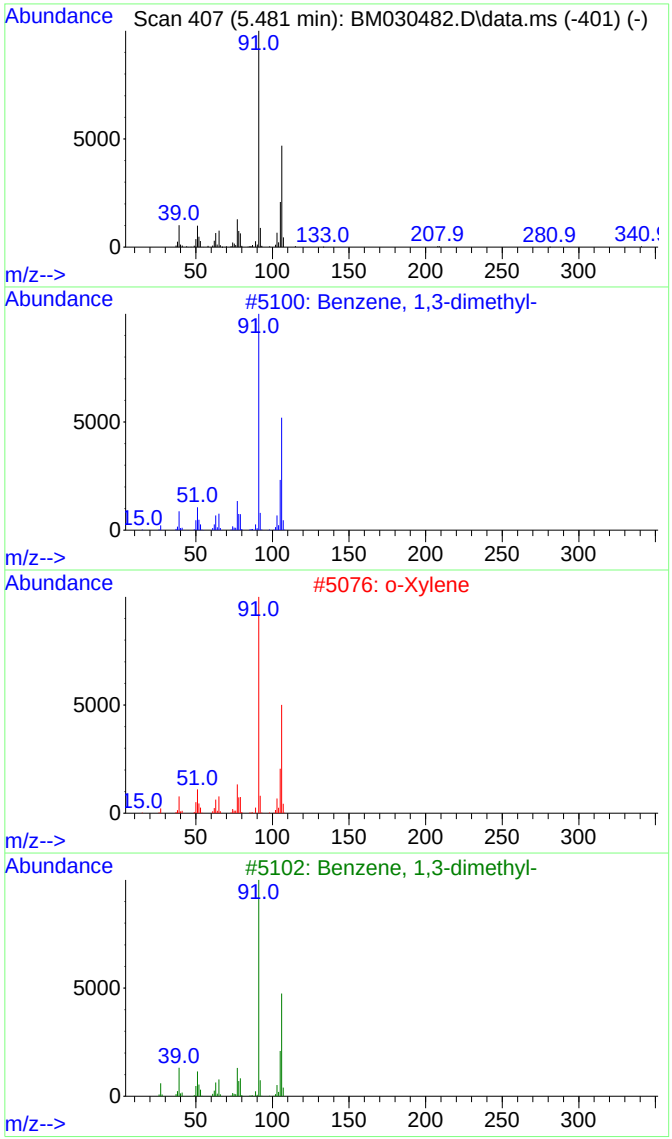
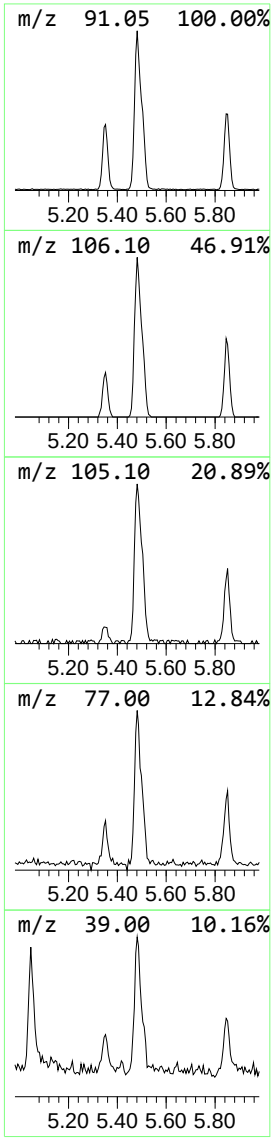
****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.480	4.82 ng/ul	272576	1,4-Dichlorobenzene-d4	7.828

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





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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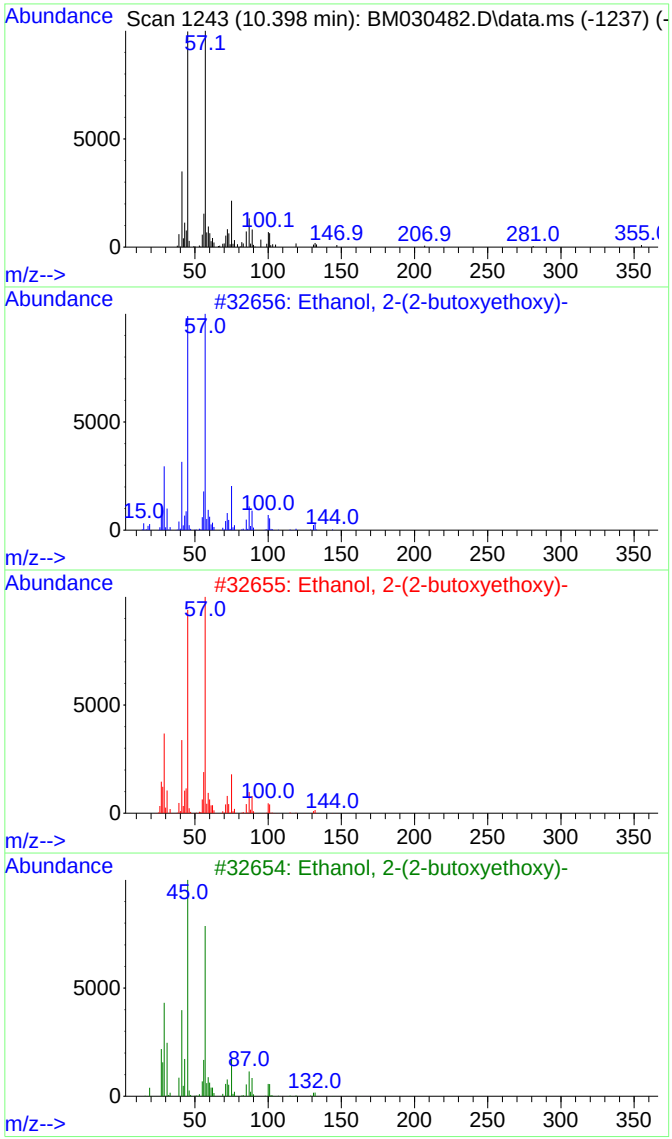
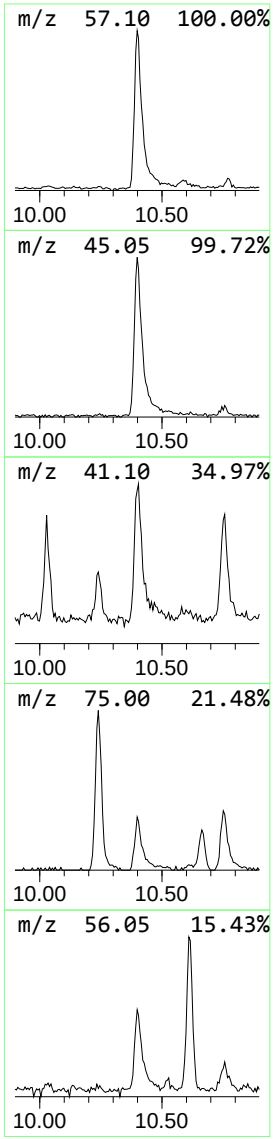
****
Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.400	2.16 ng/ul	168898	Naphthalene-d8	10.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	53





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Instrument :
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ClientSampleId :
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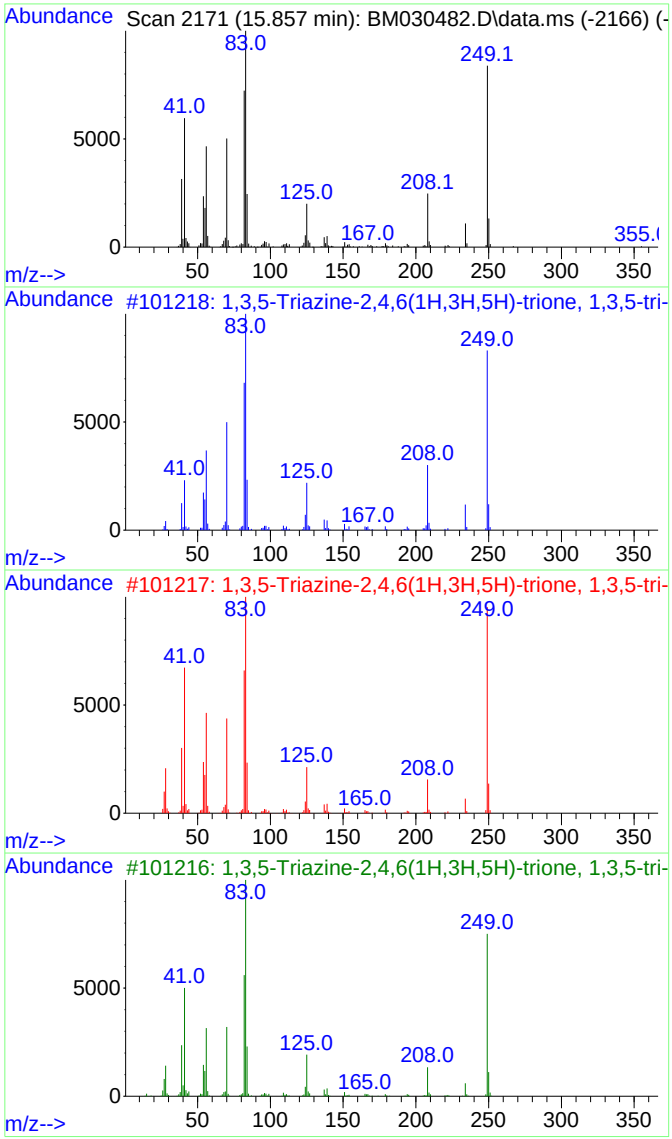
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

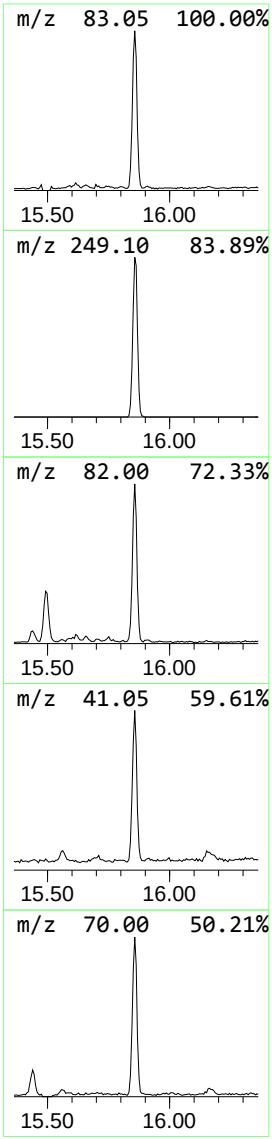
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,3,5-Triazine-2,4,6(1H,3H,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.860	3.72 ng/ul	441177	Phenanthrene-d10	17.186

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	95
4	4H-1-Benzopyran-2-carboxylic aci...	249	C12H11NO5	032142-43-1	33
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	22





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Operator : CG/JU
Sample : M2596-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5R5

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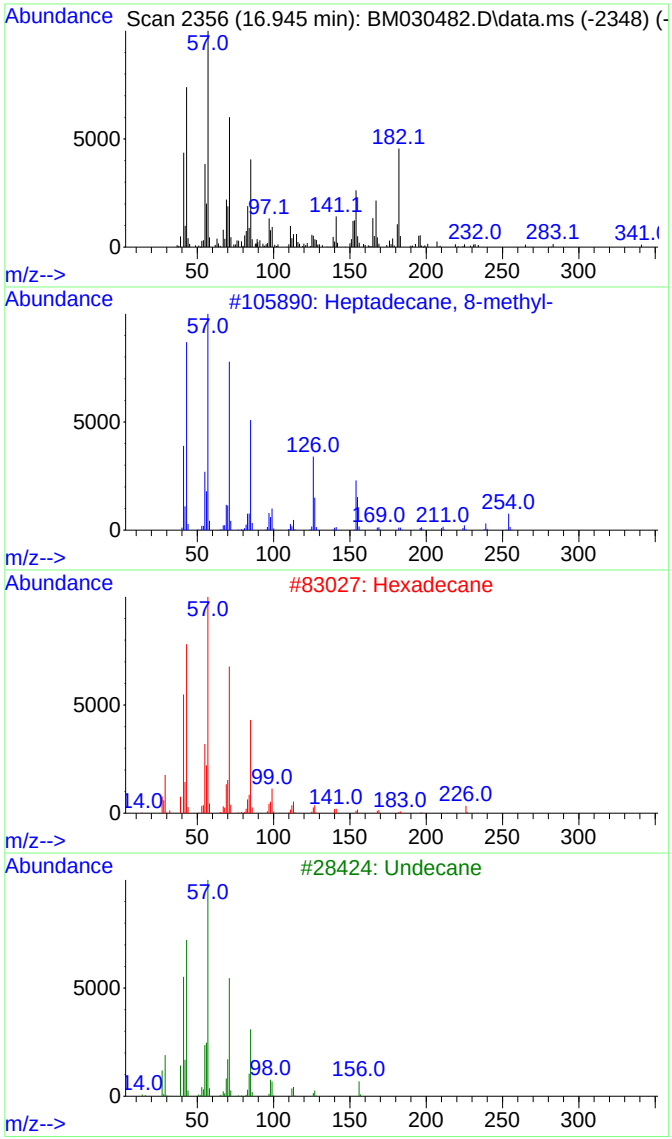
Quant Title : SVOA CALIBRATION

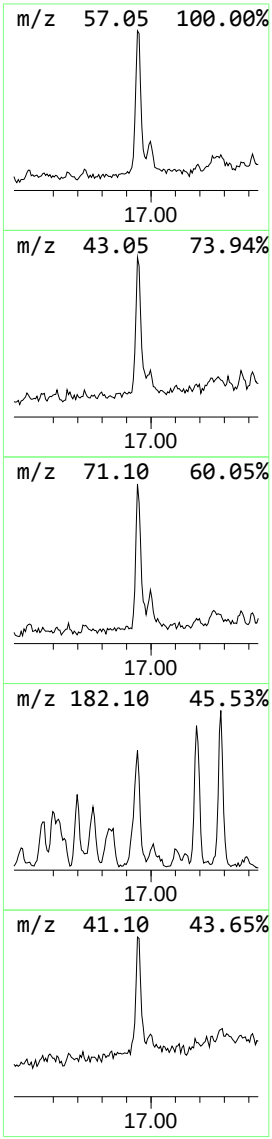
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.940	2.97 ng/ul	352249	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	38
2	Hexadecane	226	C16H34	000544-76-3	38
3	Undecane	156	C11H24	001120-21-4	38
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	38
5	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	35





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Sample : M2596-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5R5

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Quant Title : SVOA CALIBRATION

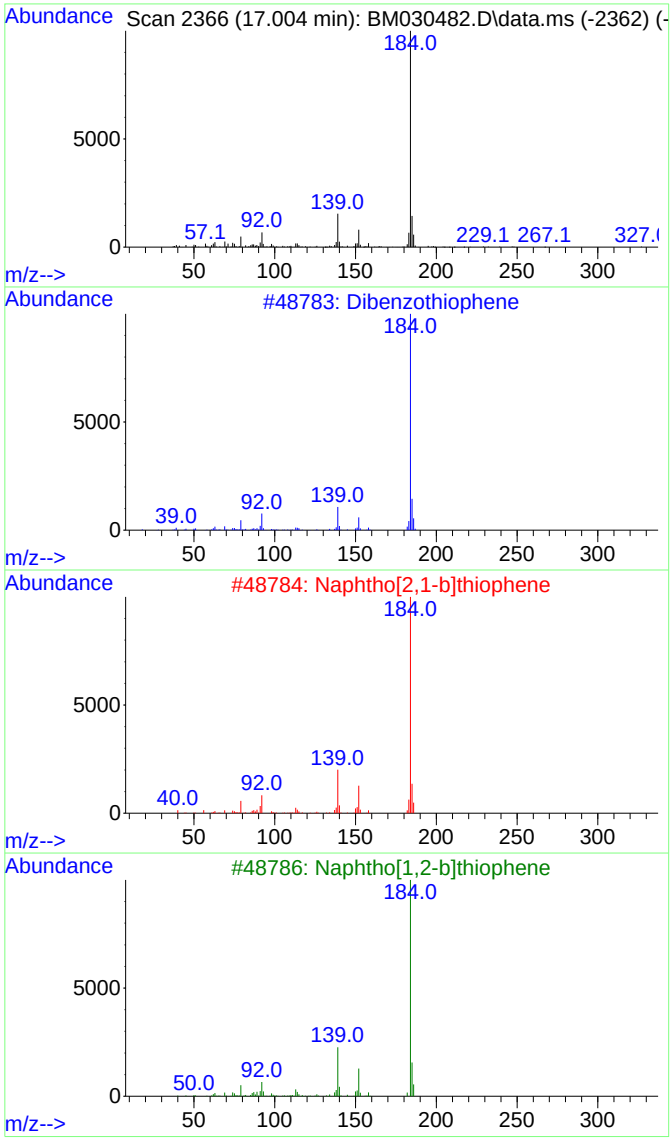
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

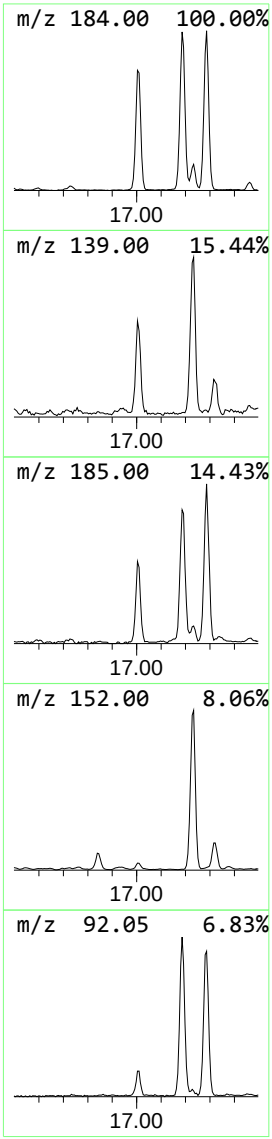
****

Peak Number 7 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.000	2.65 ng/ul	315108	Phenanthrene-d10	17.186

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	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Sample : M2596-16
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Instrument : BNA_M
ClientSampleId : BG5R5

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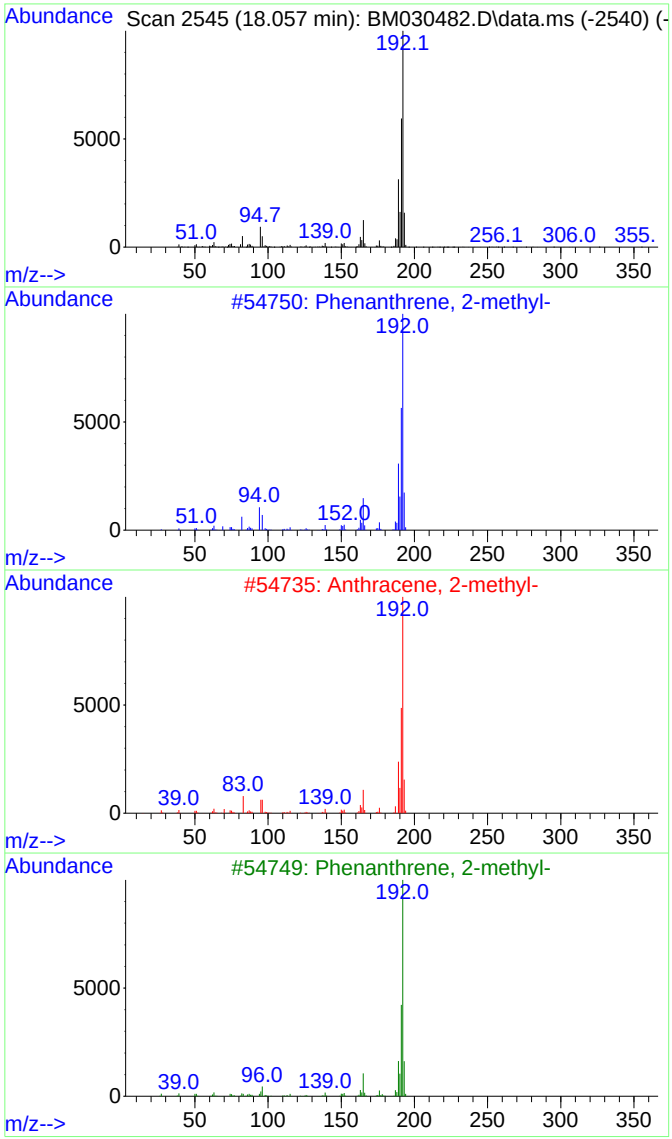
Quant Title : SVOA CALIBRATION

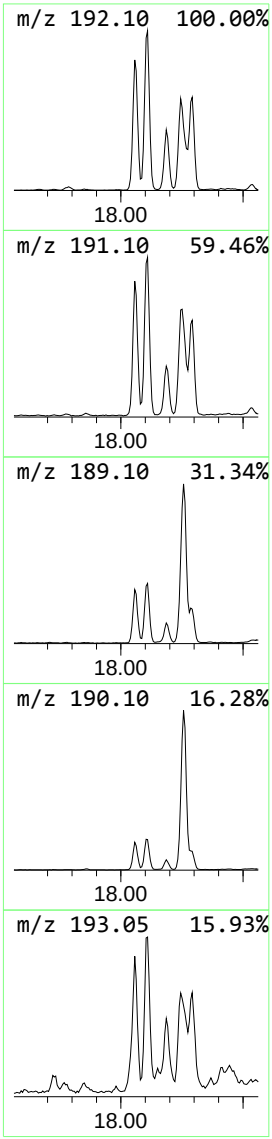
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.060	9.10 ng/ul	1080040	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Operator : CG/JU
Sample : M2596-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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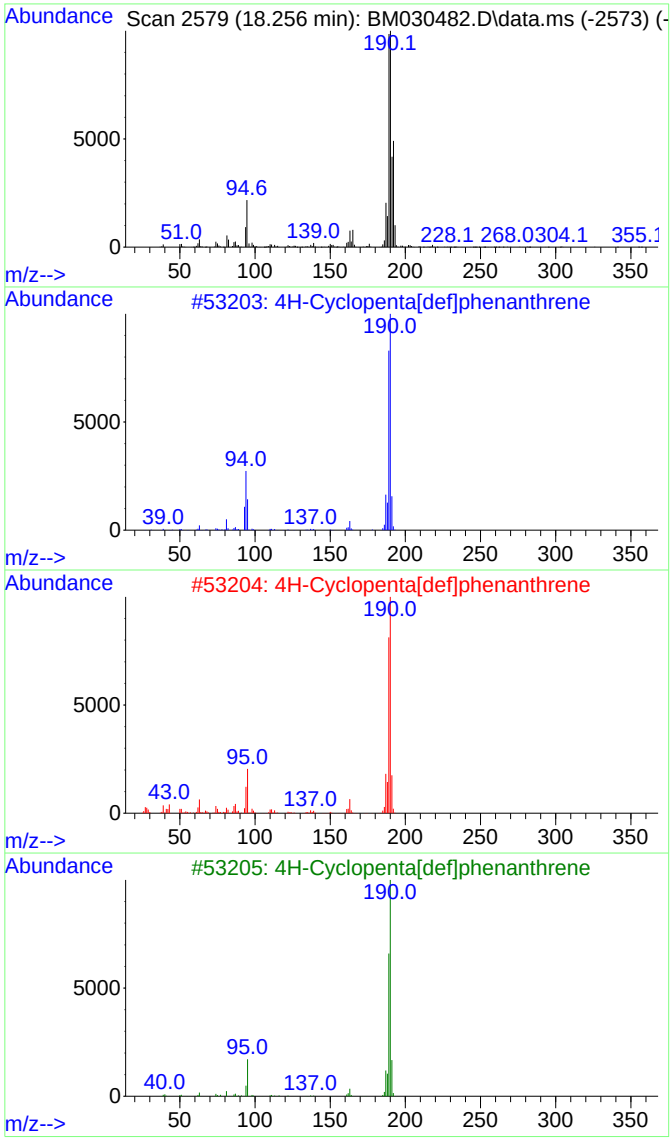
Quant Title : SVOA CALIBRATION

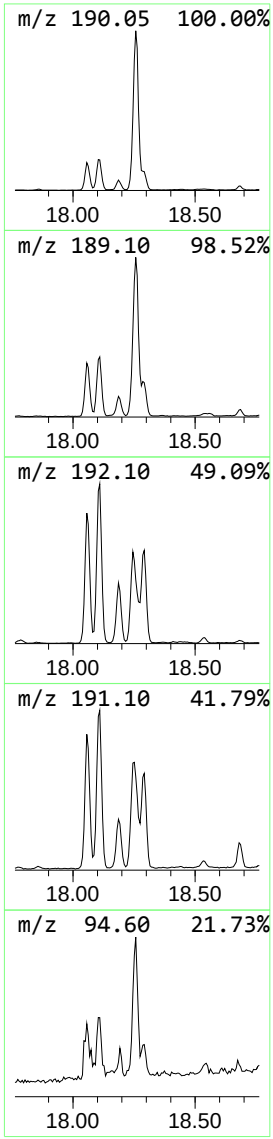
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.260	11.96 ng/ul	1420040	Phenanthrene-d10	17.186

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	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5R5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

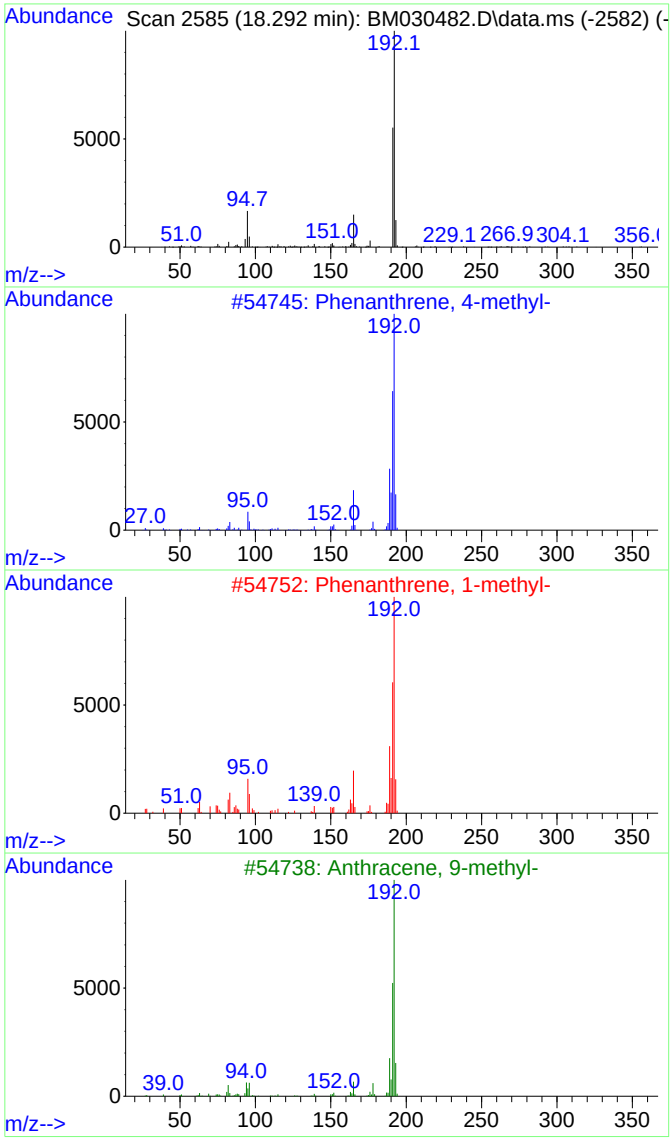
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

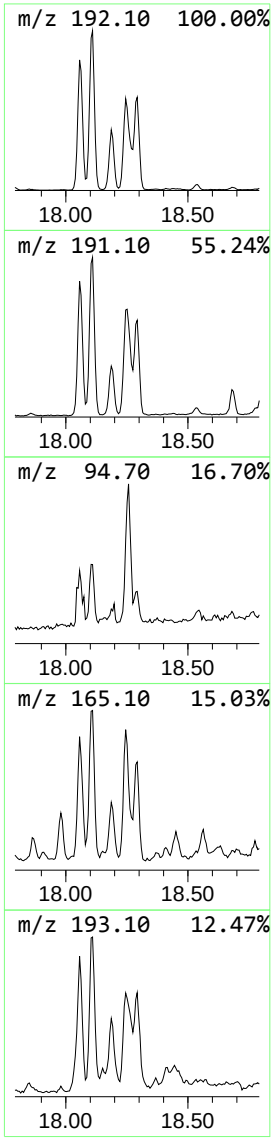
****

Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.290	4.93 ng/ul	584817	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	80
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80





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Sample : M2596-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5R5

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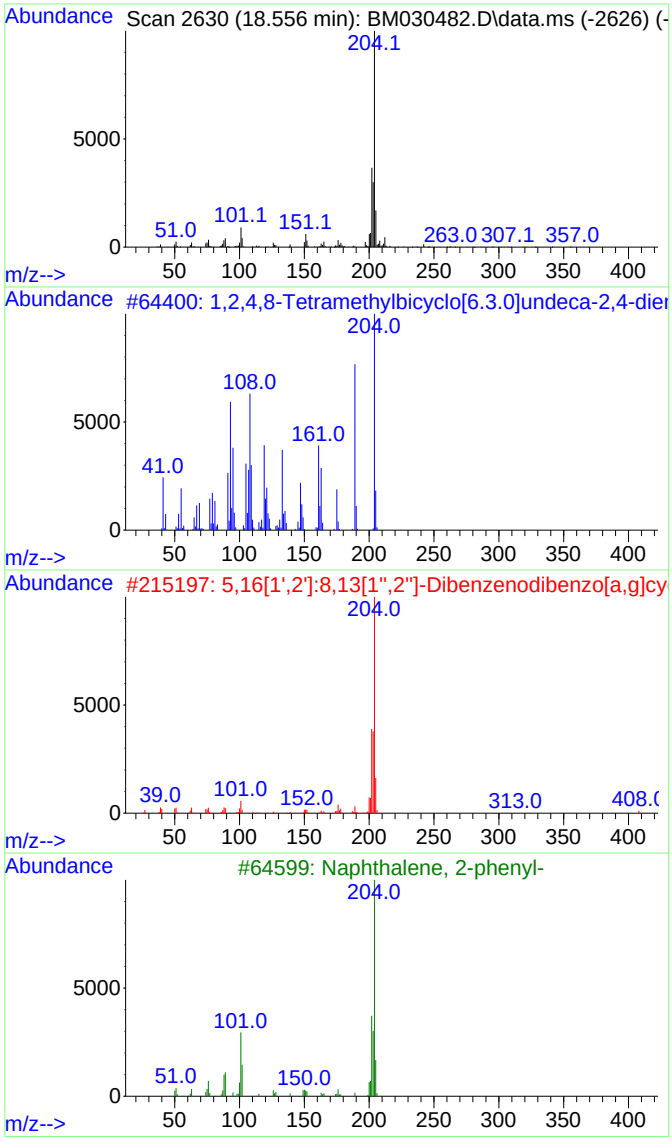
Quant Title : SVOA CALIBRATION

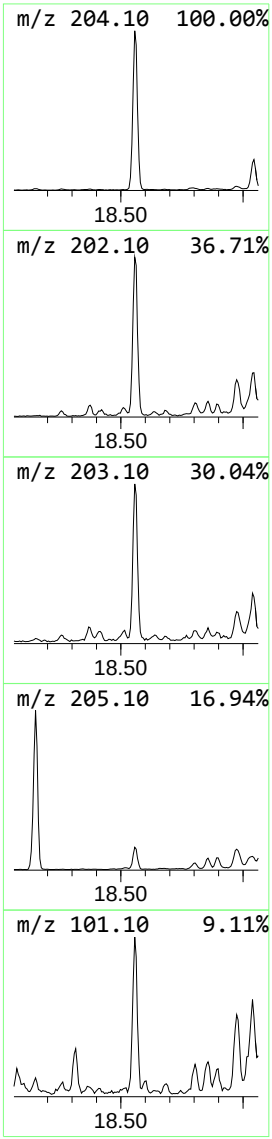
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.560	3.99 ng/ul	473633	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Sample : M2596-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5R5

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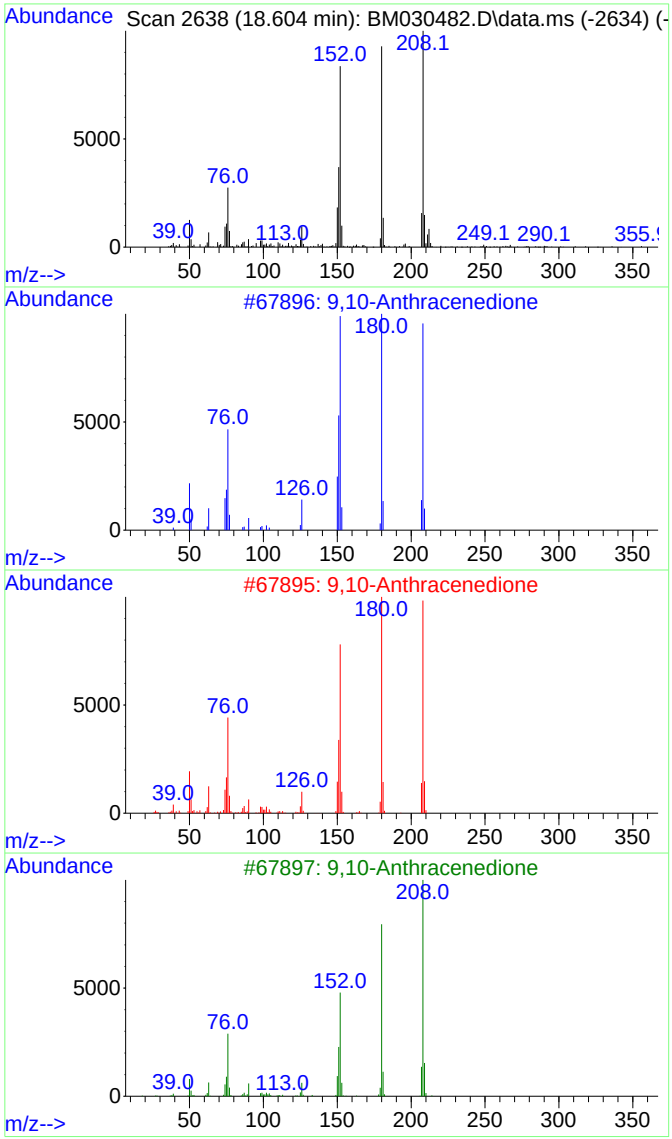
Quant Title : SVOA CALIBRATION

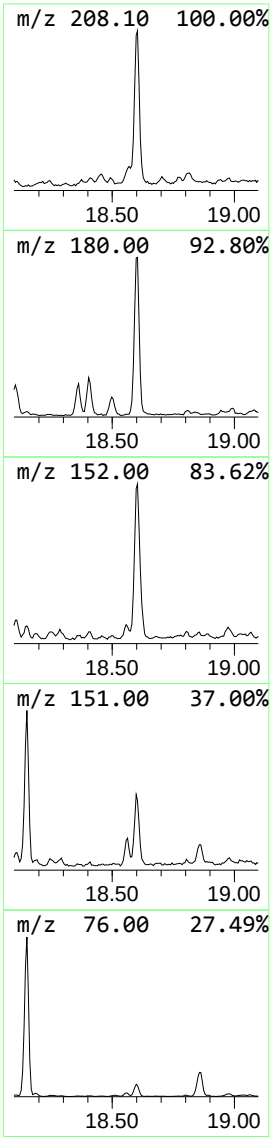
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.600	3.63 ng/ul	431274	Phenanthrene-d10	17.186

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	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





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Sample : M2596-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
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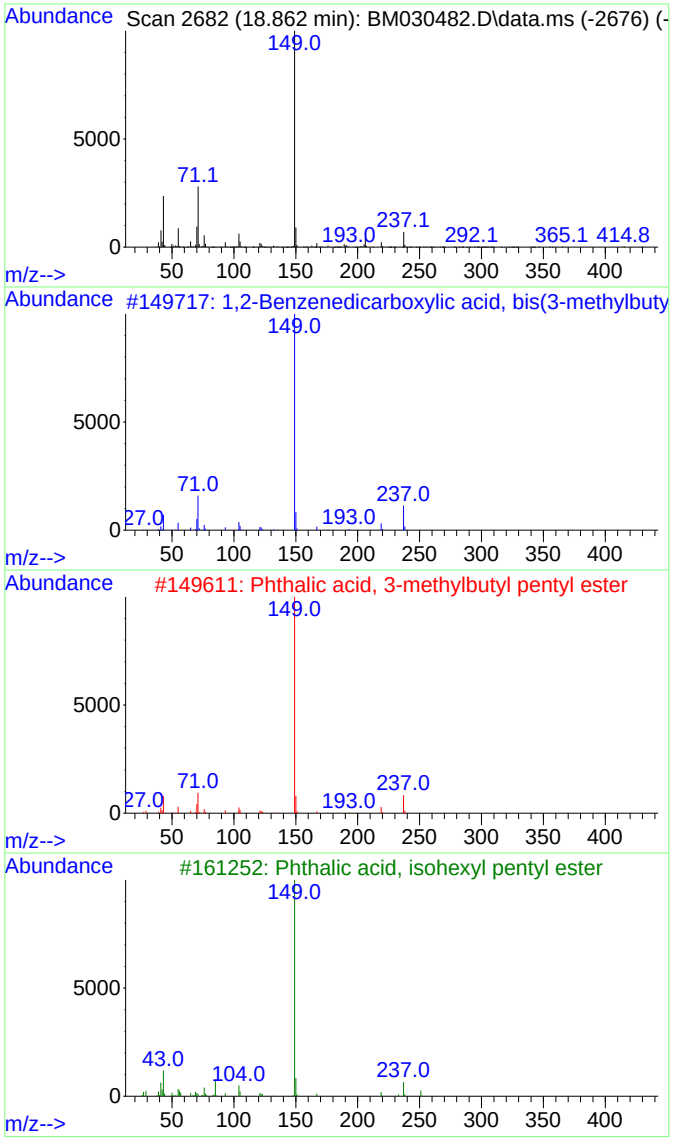
Quant Title : SVOA CALIBRATION

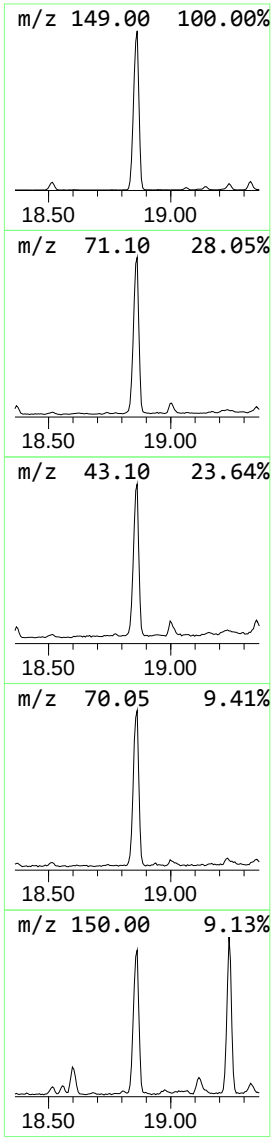
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,2-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.860	20.23 ng/ul	2401580	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	306	C18H26O4	000605-50-5	90
2	Phthalic acid, 3-methylbutyl pen...	306	C18H26O4	1000356-80-5	83
3	Phthalic acid, isohexyl pentyl e...	320	C19H28O4	1000308-95-8	72
4	Phthalic acid, di(2-methylbutyl)...	306	C18H26O4	1000322-82-5	72
5	Diamyl phthalate	306	C18H26O4	000131-18-0	72





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Instrument : BNA_M
ClientSampleId : BG5R5

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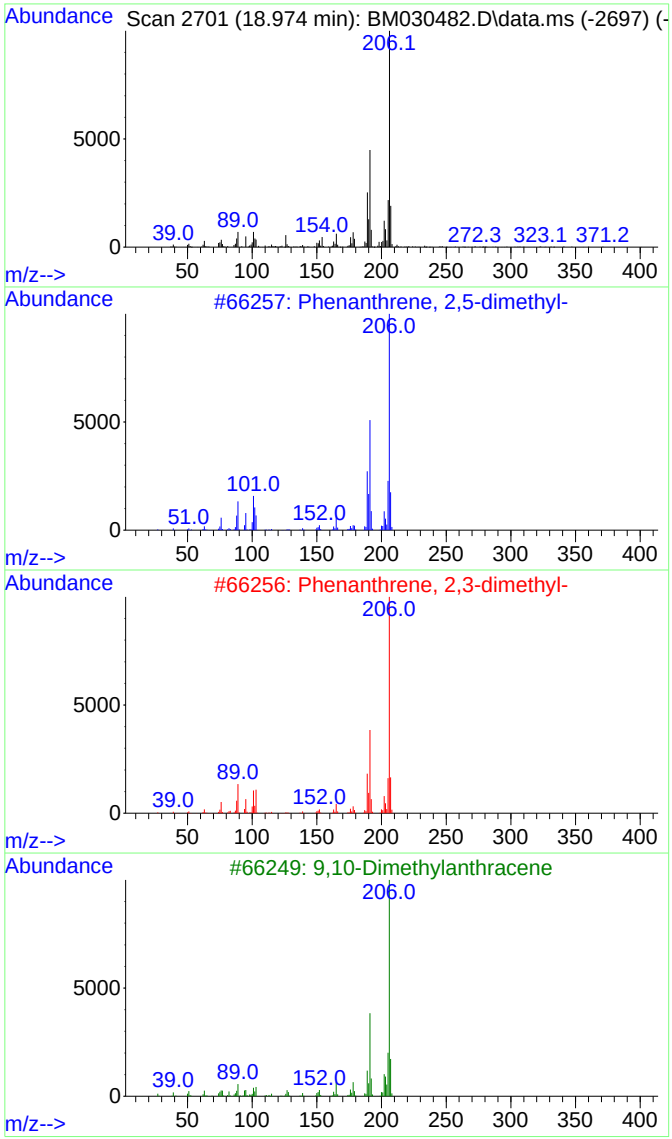
Quant Title : SVOA CALIBRATION

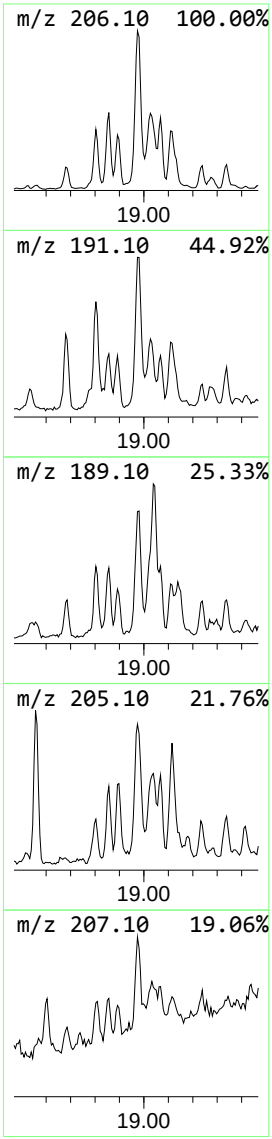
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.970	5.11 ng/ul	605949	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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ClientSampleId :
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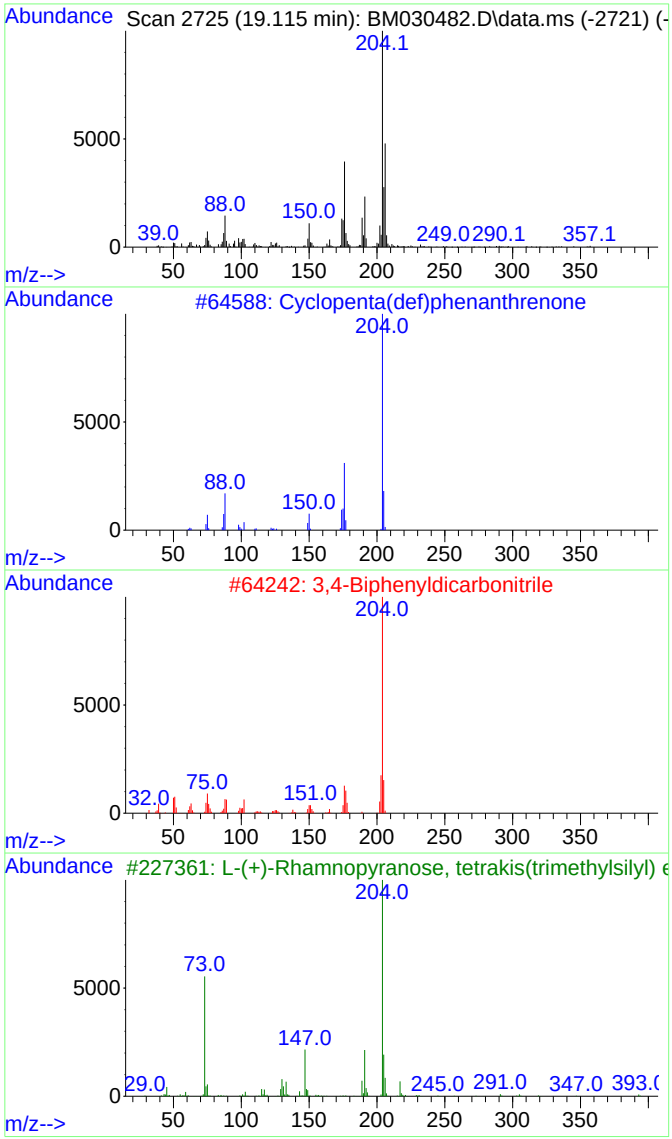
Quant Title : SVOA CALIBRATION

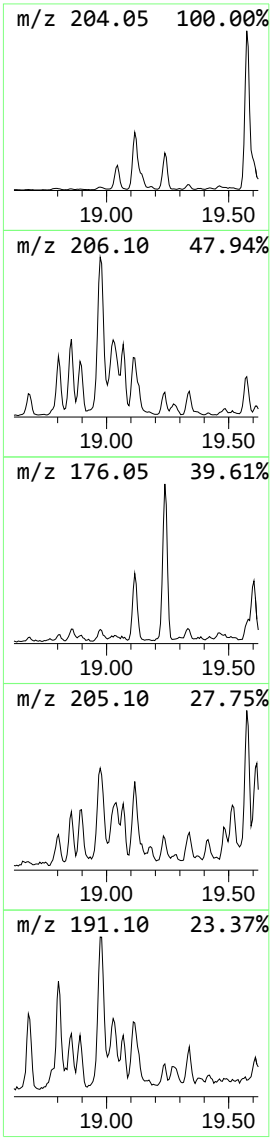
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.120	4.91 ng/ul	582644	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
3	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	38
4	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	38
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	37





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Instrument : BNA_M
ClientSampleId : BG5R5

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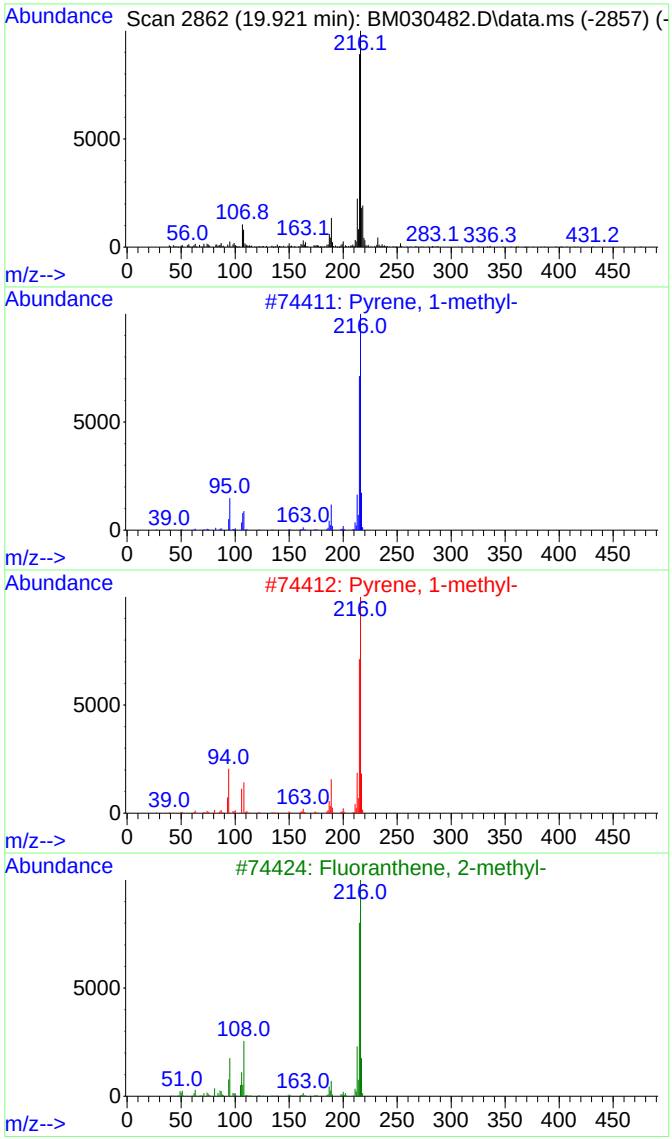
Quant Title : SVOA CALIBRATION

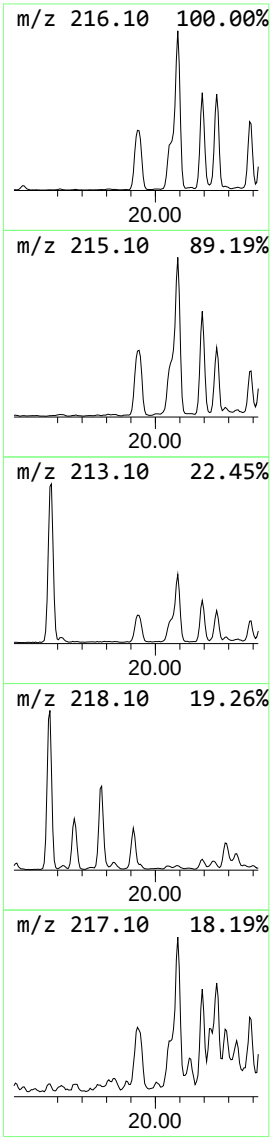
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.920	2.47 ng/ul	990808	Chrysene-d12	21.350

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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Sample : M2596-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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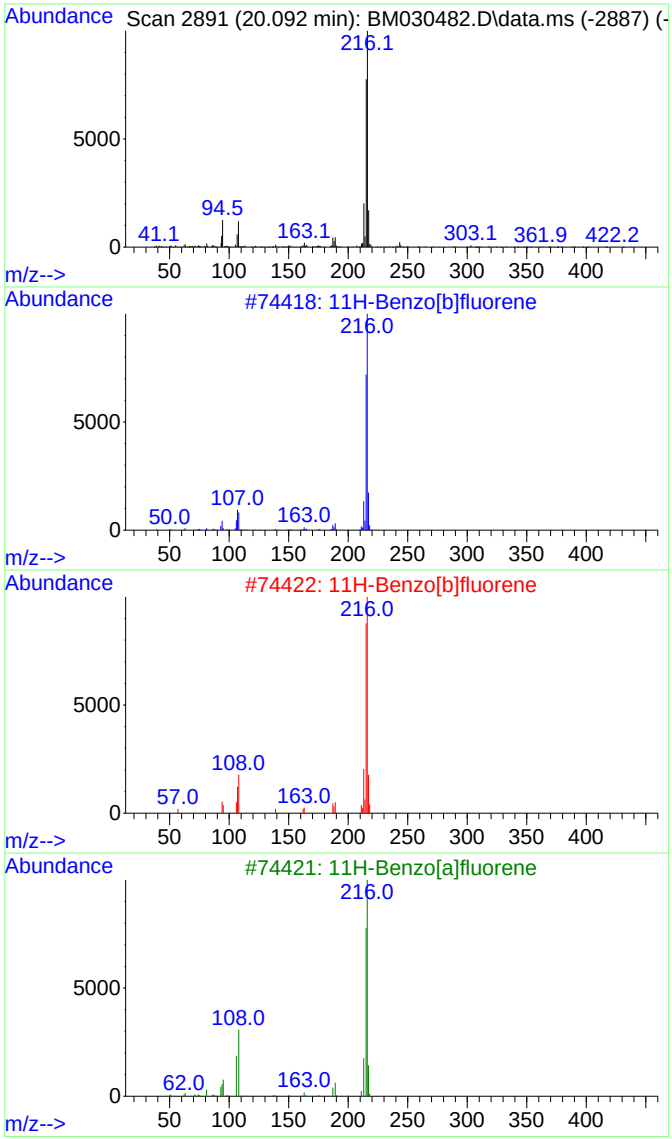
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

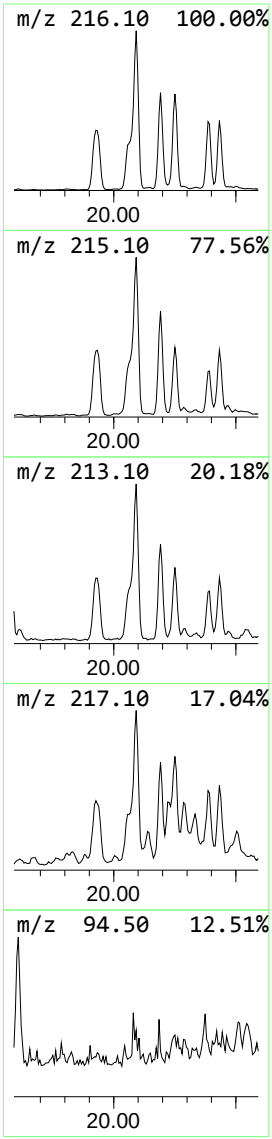
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.090	2.92 ng/ul	1171330	Chrysene-d12	21.350

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
Data File : BM030482.D
Acq On : 17 Jun 2021 00:48
Operator : CG/JU
Sample : M2596-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5R5

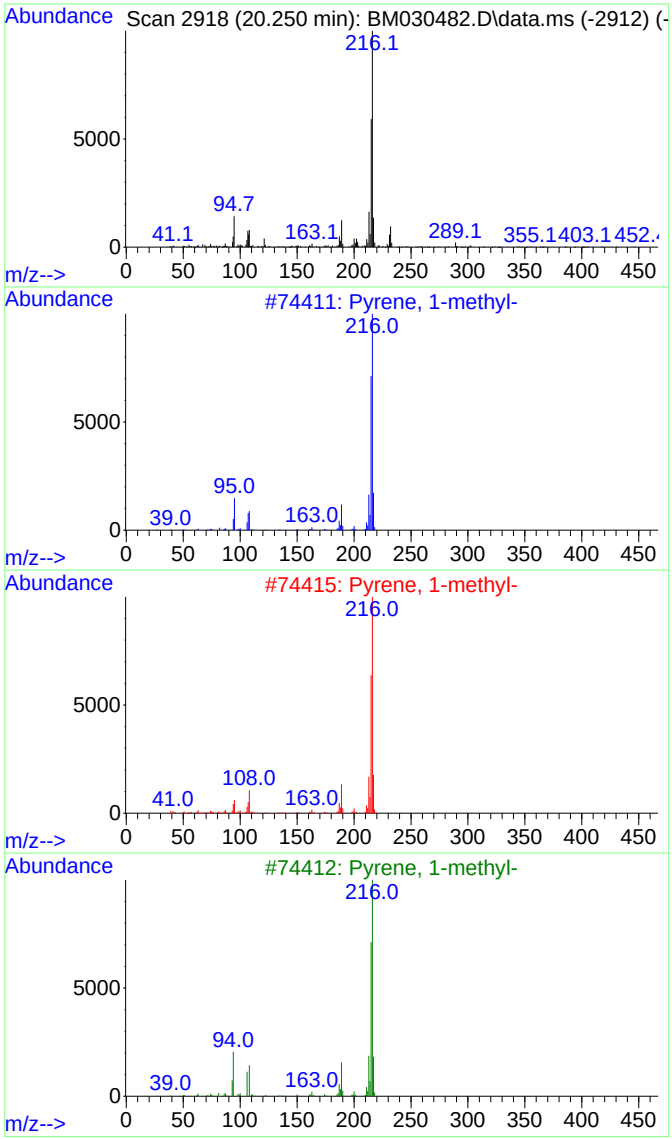
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

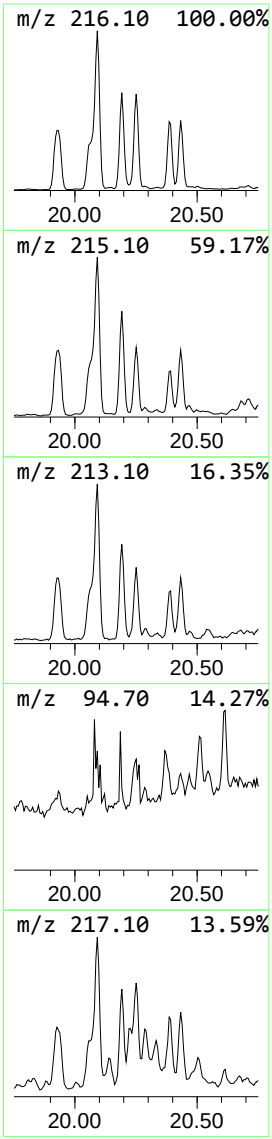
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pyrene, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.250	2.09 ng/ul	836089	Chrysene-d12	21.350

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Data File : BM030482.D
Acq On : 17 Jun 2021 00:48
Operator : CG/JU
Sample : M2596-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5R5

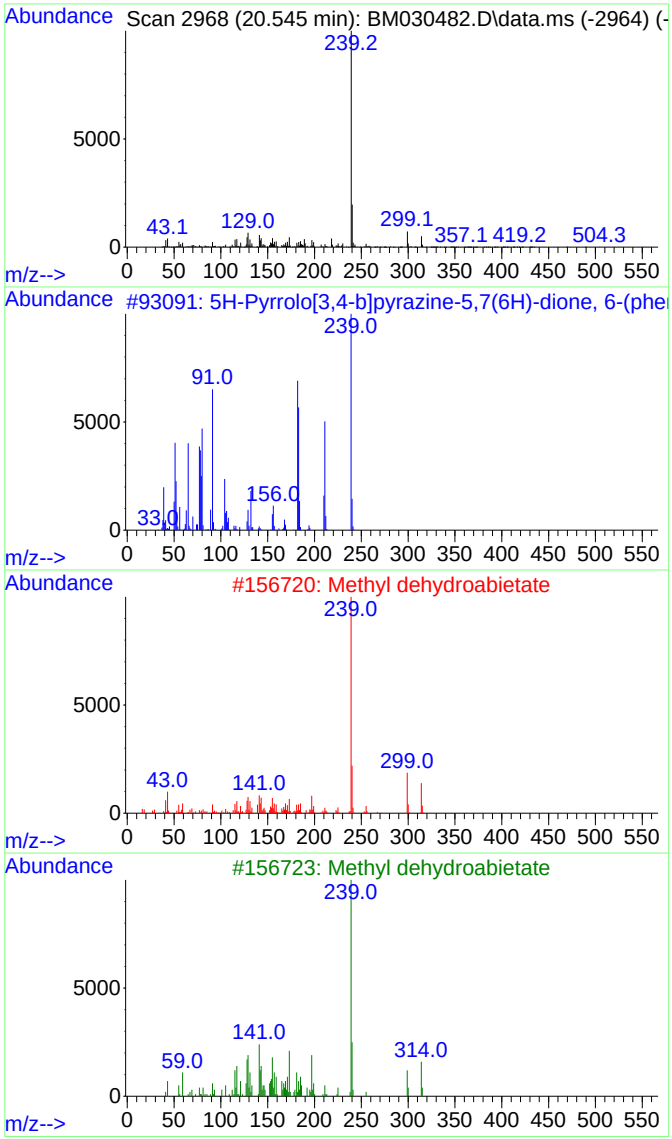
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

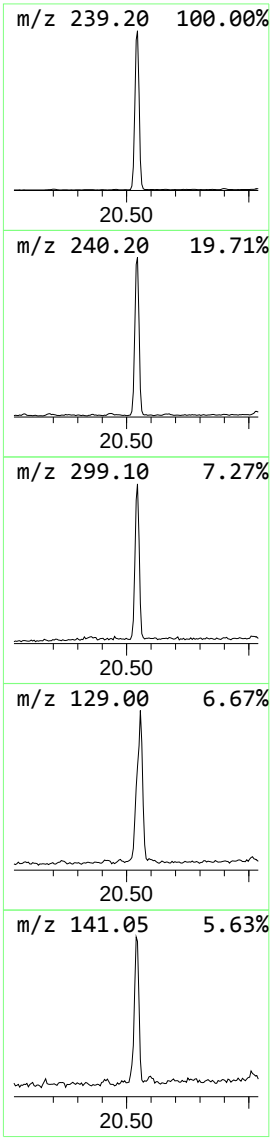
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 5H-Pyrrolo[3,4-b]pyrazine-5... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.540	5.07 ng/ul	2031490	Chrysene-d12	21.350

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo[3,4-b]pyrazine-5,7(6H...	239	C13H9N3O2	1000337-19-6	93
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	68
3	Methyl dehydroabietate	314	C21H30O2	001235-74-1	53
4	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	49
5	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
Data File : BM030482.D
Acq On : 17 Jun 2021 00:48
Operator : CG/JU
Sample : M2596-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5R5

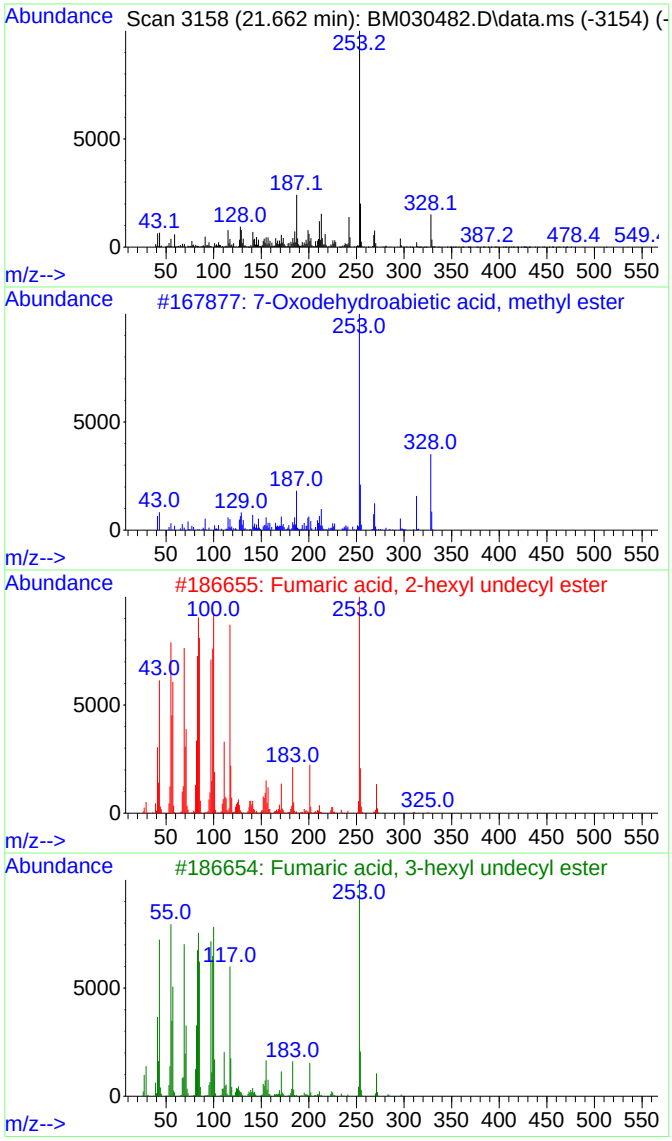
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

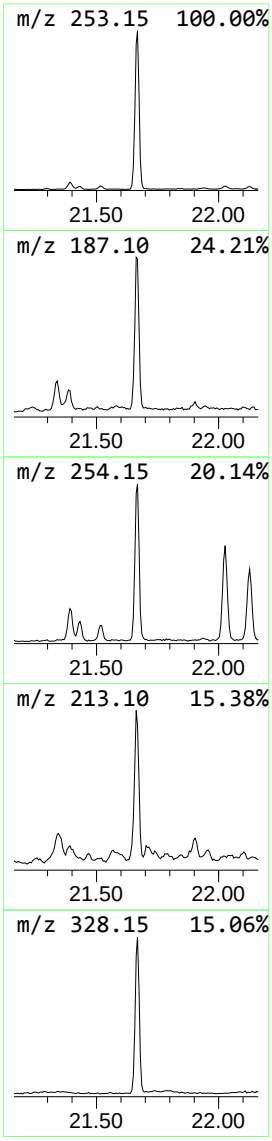
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 7-Oxodehydroabietic acid, m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.660	6.35 ng/ul	2545690	Chrysene-d12	21.350

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxodehydroabietic acid, methyl...	328	C21H28O3	110936-78-2	94
2	Fumaric acid, 2-hexyl undecyl ester	354	C21H38O4	1000348-74-9	55
3	Fumaric acid, 3-hexyl undecyl ester	354	C21H38O4	1000348-61-0	46
4	Phthalic acid, 4-formylphenyl 3-...	360	C22H16O5	1000315-73-7	43
5	7-(2-Hydroxyphenyl)(7H)triazolo[...	253	C12H7N5O2	166766-15-0	43





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Data File : BM030482.D
Acq On : 17 Jun 2021 00:48
Operator : CG/JU
Sample : M2596-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5R5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

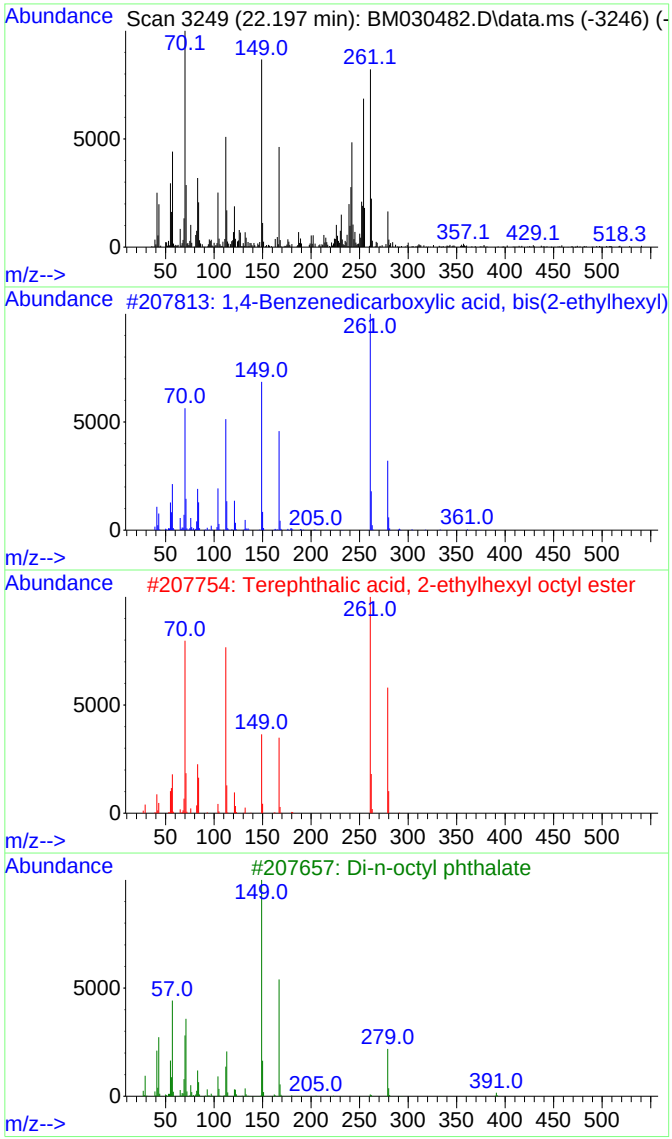
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

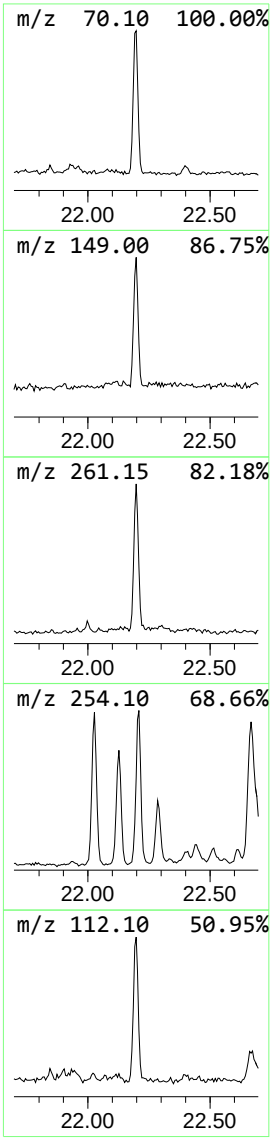
****

Peak Number 21 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.200	2.26 ng/ul	906973	Chrysene-d12	21.350

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	38
2	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	30
3	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	25
4	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	22
5	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
Data File : BM030482.D
Acq On : 17 Jun 2021 00:48
Operator : CG/JU
Sample : M2596-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5R5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.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
unknown-01	3.820	10.2	ng/ul	579521	1	7.828	1131900	20.0
unknown-02	4.590	3.3	ng/ul	183799	1	7.828	1131900	20.0
Benzene, 1,3-di...	5.480	4.8	ng/ul	272576	1	7.828	1131900	20.0
Ethanol, 2-(2-b...	10.400	2.2	ng/ul	168898	2	10.616	1565520	20.0
1,3,5-Triazine-...	15.860	3.7	ng/ul	441177	4	17.186	2373710	20.0
(DEL) Alkane: S...	16.940	3.0	ng/ul	352249	4	17.186	2373710	20.0
Dibenzothiophene	17.000	2.6	ng/ul	315108	4	17.186	2373710	20.0
Phenanthrene, 2...	18.060	9.1	ng/ul	1080040	4	17.186	2373710	20.0
4H-Cyclopenta[d...	18.260	12.0	ng/ul	1420040	4	17.186	2373710	20.0
Phenanthrene, 4...	18.290	4.9	ng/ul	584817	4	17.186	2373710	20.0
1,2,4,8-Tetrame...	18.560	4.0	ng/ul	473633	4	17.186	2373710	20.0
9,10-Anthracene...	18.600	3.6	ng/ul	431274	4	17.186	2373710	20.0
1,2-Benzenedica...	18.860	20.2	ng/ul	2401580	4	17.186	2373710	20.0
Phenanthrene, 2...	18.970	5.1	ng/ul	605949	4	17.186	2373710	20.0
Cyclopenta(def)...	19.120	4.9	ng/ul	582644	4	17.186	2373710	20.0
Pyrene, 1-methyl-	19.920	2.5	ng/ul	990808	5	21.350	8017540	20.0
11H-Benzo[b]flu...	20.090	2.9	ng/ul	1171330	5	21.350	8017540	20.0
Pyrene, 4-methyl-	20.250	2.1	ng/ul	836089	5	21.350	8017540	20.0
5H-Pyrrolo[3,4-...	20.540	5.1	ng/ul	2031490	5	21.350	8017540	20.0
7-Oxodehydroabi...	21.660	6.3	ng/ul	2545690	5	21.350	8017540	20.0
unknown-03	22.200	2.3	ng/ul	906973	5	21.350	8017540	20.0