LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
Data File : BM030475.D
Acq On : 16 Jun 2021 20:33
Operator : CG/JU
Sample : M2596-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5Q9

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: BM030475.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.728	106	109	120	rBV	133007	265166	1.49%	0.159%
2	3.816	120	124	131	rVB	97295	131248	0.74%	0.079%
3	5.481	401	407	415	rBV	113852	238324	1.34%	0.143%
4	6.993	653	664	682	rVB	415120	800417	4.51%	0.481%
5	7.157	686	692	701	rBV	317361	517742	2.91%	0.311%
6	7.357	717	726	734	rBV	434894	714914	4.02%	0.429%
7	7.822	799	805	812	rBV	614854	1001595	5.64%	0.601%
8	8.528	915	925	933	rBV	480347	804426	4.53%	0.483%
9	8.645	939	945	951	rVB	145068	234718	1.32%	0.141%
10	8.981	995	1002	1011	rVB	355981	612434	3.45%	0.368%
11	9.698	1115	1124	1136	rBV	297539	518619	2.92%	0.311%
12	10.239	1209	1216	1232	rVB	450979	822453	4.63%	0.494%
13	10.386	1234	1241	1258	rBV	470068	904886	5.09%	0.543%
14	10.610	1271	1279	1285	rBV	807856	1388451	7.82%	0.834%
15	10.663	1285	1288	1293	rVB	71919	110466	0.62%	0.066%
16	10.751	1296	1303	1316	rBV	253675	523029	2.94%	0.314%
17	13.857	1821	1831	1837	rVV	806555	1147493	6.46%	0.689%
18	14.139	1867	1879	1893	rBV	962515	1555579	8.76%	0.934%
19	14.451	1921	1932	1938	rBV	1215610	1895116	10.67%	1.138%
20	14.510	1938	1942	1950	rVB	248812	383541	2.16%	0.230%
21	14.657	1961	1967	1977	rBV	182526	351497	1.98%	0.211%
22	14.845	1995	1999	2008	rVV	171252	323128	1.82%	0.194%
23	15.439	2091	2100	2105	rVV	1299559	1879868	10.58%	1.129%
24	15.492	2105	2109	2116	rVV2	382198	588323	3.31%	0.353%
25	15.557	2116	2120	2124	rVV	183440	300586	1.69%	0.180%
26	15.616	2128	2130	2133	rVV	88898	112284	0.63%	0.067%
27	15.657	2133	2137	2142	rVV3	95832	170454	0.96%	0.102%
28	15.786	2155	2159	2166	rVB	154176	237331	1.34%	0.142%
29	15.857	2166	2171	2175	rBV	196957	261109	1.47%	0.157%
30	15.933	2179	2184	2192	rVV	161153	335595	1.89%	0.201%
31	16.163	2214	2223	2230	rVV5	86621	188281	1.06%	0.113%
32	16.492	2269	2279	2284	rBV3	158215	406457	2.29%	0.244%
33	16.539	2284	2287	2293	rVV3	83760	146978	0.83%	0.088%
34	16.645	2302	2305	2309	rVB3	77295	104867	0.59%	0.063%
35	16.762	2321	2325	2328	rVV2	98719	114495	0.64%	0.069%
36	16.839	2334	2338	2345	rVB2	168225	272107	1.53%	0.163%

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Instrument : BNA_M
ClientSampleId : BG5Q9

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

37	16.915	2346	2351	2353	rBV2	148825	221347	1.25%	0.133%
38	16.945	2353	2356	2362	rVV2	173099	294332	1.66%	0.177%
39	17.004	2362	2366	2376	rVB	310464	477074	2.69%	0.286%
40	17.186	2391	2397	2400	rBV	1515230	2287268	12.88%	1.373%
41	17.227	2400	2404	2409	rVV	5922790	8741250	49.21%	5.248%
42	17.286	2409	2414	2416	rVV	1498005	2144123	12.07%	1.287%
43	17.315	2416	2419	2425	rVV	2037506	2914542	16.41%	1.750%
44	17.374	2425	2429	2434	rVV3	171022	275690	1.55%	0.166%
45	17.586	2458	2465	2468	rBV2	150080	271509	1.53%	0.163%
46	17.704	2482	2485	2491	rVB2	139377	187317	1.05%	0.112%
47	17.762	2491	2495	2504	rVB5	104422	204459	1.15%	0.123%
48	17.851	2505	2510	2515	rBV5	111274	191209	1.08%	0.115%
49	18.057	2540	2545	2550	rBV	912283	1638896	9.23%	0.984%
50	18.104	2550	2553	2560	rVB	1335800	1912511	10.77%	1.148%
51	18.186	2561	2567	2572	rBV	754357	1099569	6.19%	0.660%
52	18.257	2572	2579	2583	rBV2	1528934	2875776	16.19%	1.727%
53	18.286	2583	2584	2592	rVB	664836	736205	4.14%	0.442%
54	18.368	2595	2598	2601	rVV3	101153	121740	0.69%	0.073%
55	18.557	2625	2630	2634	rBV	845143	1096722	6.17%	0.658%
56	18.598	2634	2637	2643	rVB	300216	408368	2.30%	0.245%
57	18.680	2649	2651	2657	rVB2	108194	131884	0.74%	0.079%
58	18.804	2668	2672	2676	rVB3	261364	322941	1.82%	0.194%
59	18.851	2677	2680	2683	rBV	176206	201822	1.14%	0.121%
60	18.892	2683	2687	2691	rVB	237870	309685	1.74%	0.186%
61	18.974	2695	2701	2706	rBV	511399	1083258	6.10%	0.650%
62	19.039	2709	2712	2715	rVB2	231353	291635	1.64%	0.175%
63	19.115	2720	2725	2734	rVB2	600124	1136164	6.40%	0.682%
64	19.245	2740	2747	2752	rBV	12691160	17764005	100.00%	10.666%
65	19.298	2753	2756	2759	rBV	171628	195516	1.10%	0.117%
66	19.339	2759	2763	2768	rBV2	302822	521561	2.94%	0.313%
67	19.427	2775	2778	2782	rBV3	141318	223322	1.26%	0.134%
68	19.480	2785	2787	2790	rVB	169604	185829	1.05%	0.112%
69	19.568	2797	2802	2805	rBV4	4223859	6965889	39.21%	4.182%
70	19.603	2805	2808	2815	rVV	7884607	10321333	58.10%	6.197%
71	19.668	2815	2819	2826	rVV2	694095	1064292	5.99%	0.639%
72	19.774	2833	2837	2844	rVV	925774	1385561	7.80%	0.832%
73	19.839	2844	2848	2853	rVV	527420	788092	4.44%	0.473%
74	19.915	2856	2861	2873	rVB3	886733	2353044	13.25%	1.413%
75	20.056	2880	2885	2887	rBV4	556095	989459	5.57%	0.594%
76	20.092	2887	2891	2896	rVB	2420961	3360636	18.92%	2.018%

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Instrument : BNA_M
ClientSampleId : BG5Q9

Integration Parameters: LSCINT.P
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Title : SVOA CALIBRATION

77	20.192	2903	2908	2912	rBV	1929042	2477868	13.95%	1.488%
78	20.251	2912	2918	2922	rVV2	1141381	2144302	12.07%	1.287%
79	20.286	2922	2924	2928	rVV	441996	501598	2.82%	0.301%
80	20.327	2928	2931	2936	rVV2	303978	491404	2.77%	0.295%
81	20.392	2938	2942	2945	rVV2	459036	665351	3.75%	0.399%
82	20.433	2946	2949	2953	rVB	550078	746558	4.20%	0.448%
83	20.798	3008	3011	3014	rBV	258618	376663	2.12%	0.226%
84	20.833	3014	3017	3023	rVB	826843	1249050	7.03%	0.750%
85	20.998	3042	3045	3049	rBV2	592029	723312	4.07%	0.434%
86	21.039	3049	3052	3055	rBV	1032059	1251805	7.05%	0.752%
87	21.127	3064	3067	3078	rVB2	989288	1707752	9.61%	1.025%
88	21.339	3095	3103	3108	rBV3	9397359	16162814	90.99%	9.704%
89	21.392	3108	3112	3121	rVB	7116218	9597250	54.03%	5.762%
90	21.503	3128	3131	3138	rBV	895698	1391983	7.84%	0.836%
91	21.903	3194	3199	3203	rBV	1370950	2022026	11.38%	1.214%
92	22.062	3223	3226	3229	rVB3	514424	635756	3.58%	0.382%
93	22.103	3230	3233	3236	rBV2	596053	833206	4.69%	0.500%
94	22.197	3246	3249	3255	rVB2	688244	1044419	5.88%	0.627%
95	22.950	3369	3377	3381	rBV	4662818	11279809	63.50%	6.772%
96	23.115	3401	3405	3412	rVB	975337	1658148	9.33%	0.996%
97	23.433	3455	3459	3463	rBV3	621304	1137144	6.40%	0.683%
98	23.527	3471	3475	3482	rVB	2008020	3666754	20.64%	2.202%
99	23.627	3487	3492	3498	rVV2	1430189	2627884	14.79%	1.578%
100	25.932	3878	3884	3895	rVB	1451463	4102832	23.10%	2.463%

Sum of corrected areas: 166555500

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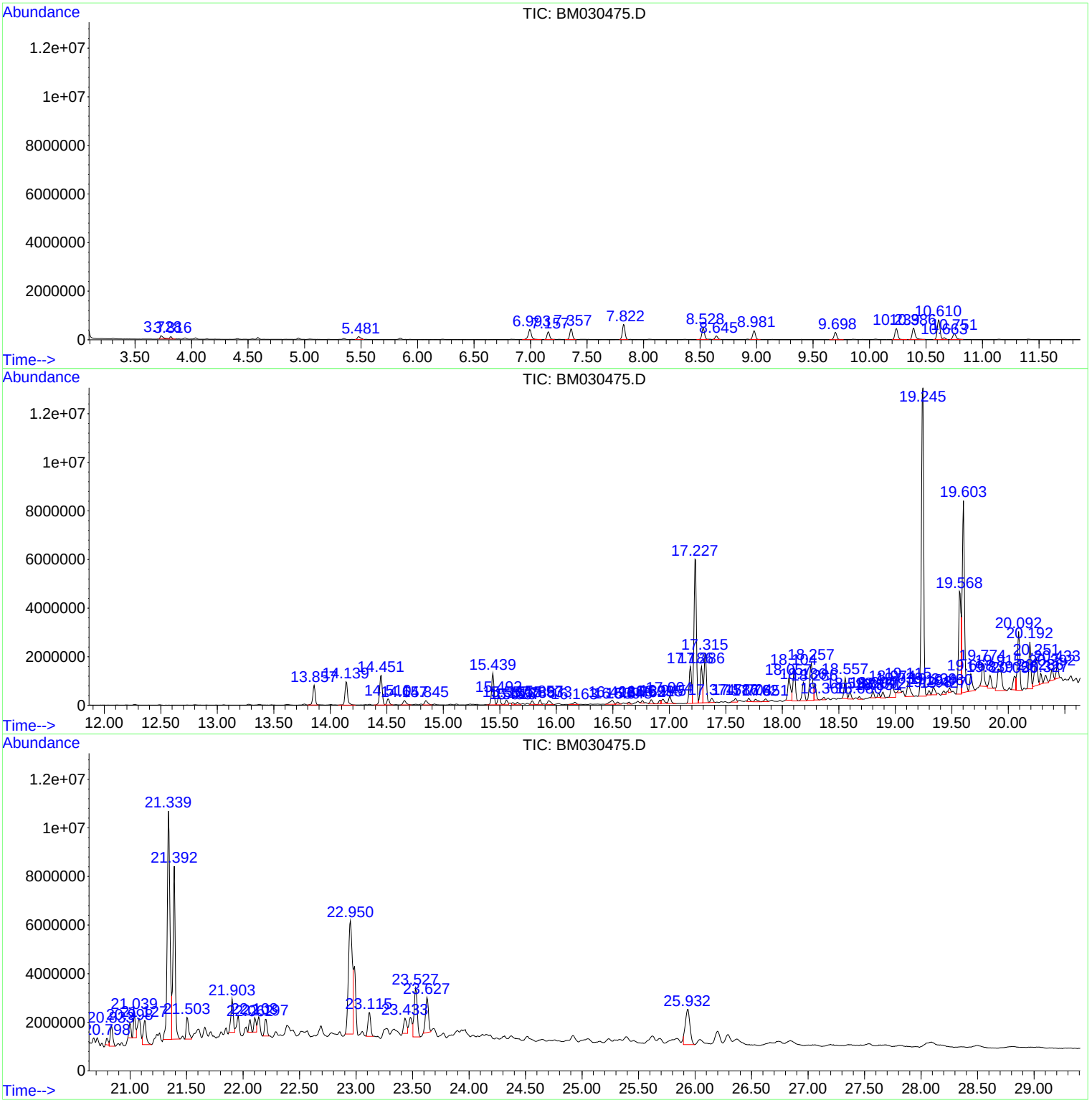
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

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



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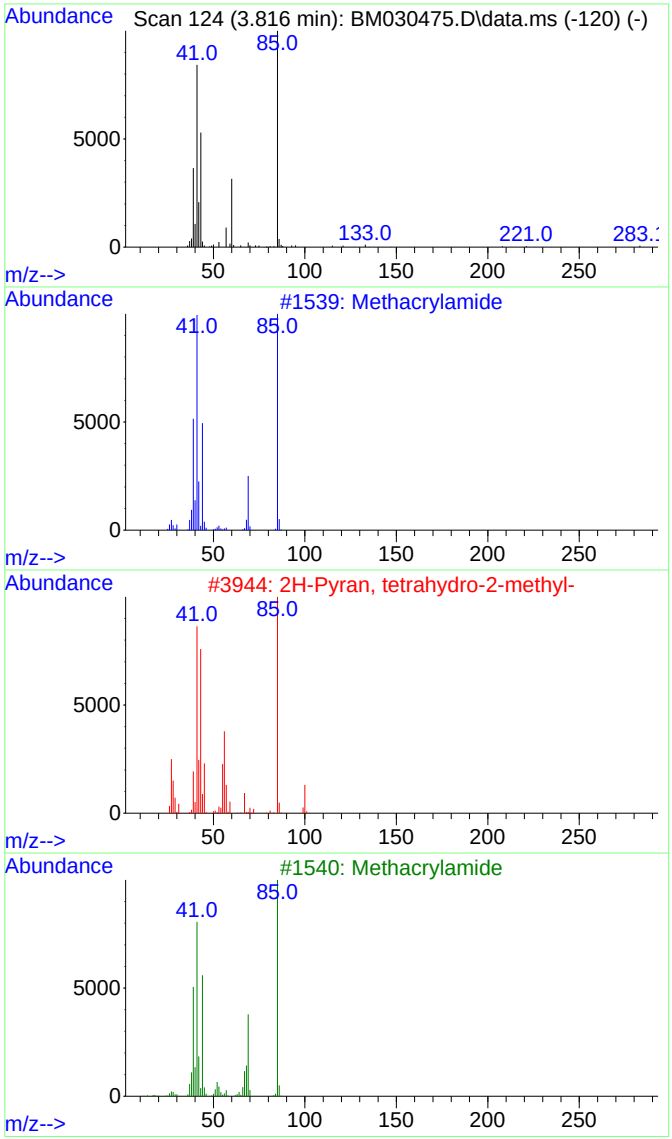
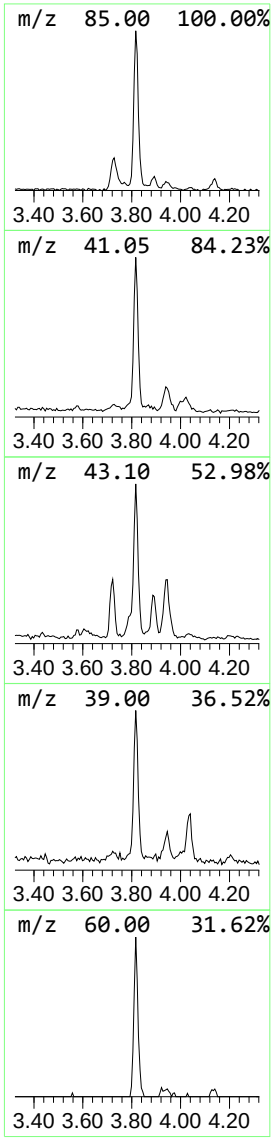
****

Peak Number 1 Methacrylamide Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.820	2.62 ng/ul	131248	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	50
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39
3	Methacrylamide	85	C4H7NO	000079-39-0	36
4	Hexane, 1,1'-[ethylidenebis(oxy)...	230	C14H30O2	005405-58-3	25
5	Butanoic acid, 3-methyl-, propyl...	144	C8H16O2	000557-00-6	23





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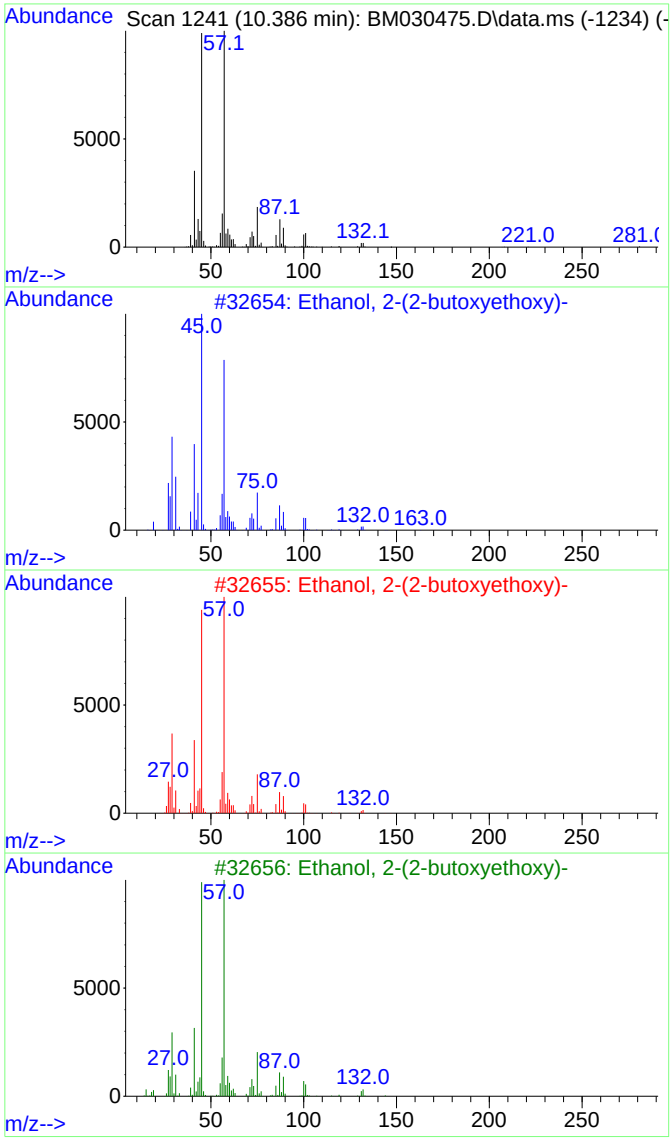
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

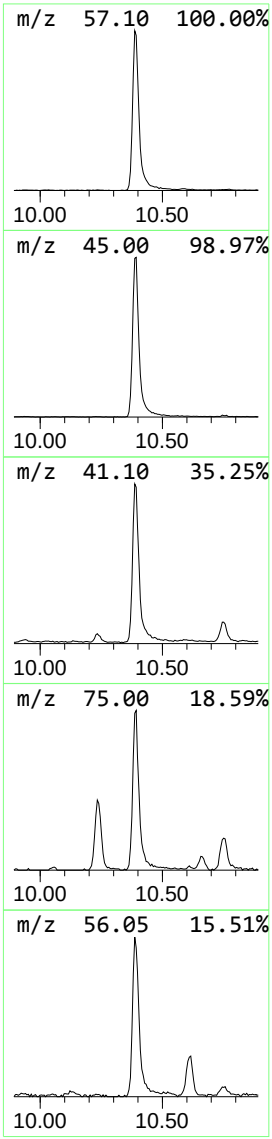
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.390	13.03 ng/ul	904886	Naphthalene-d8	10.610

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	83
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72





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Quant Title : SVOA CALIBRATION

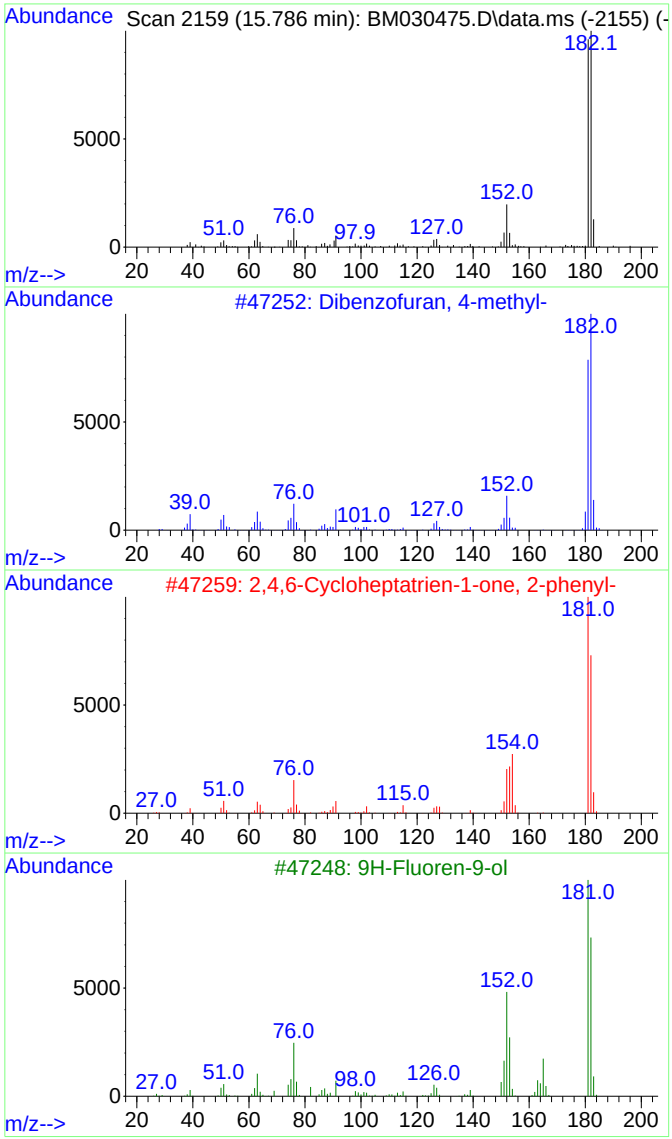
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

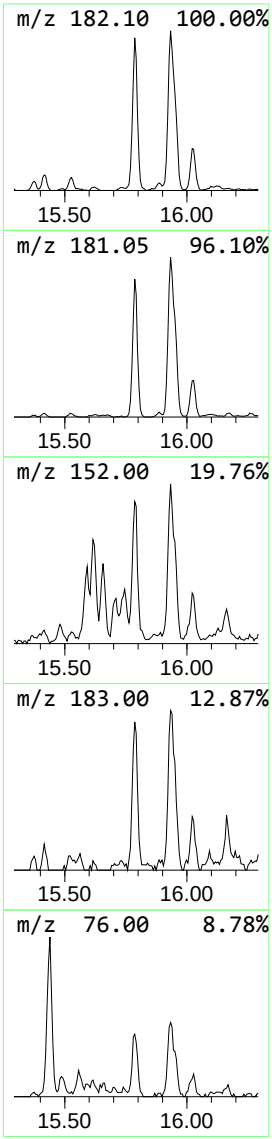
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.790	2.50 ng/ul	237331	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
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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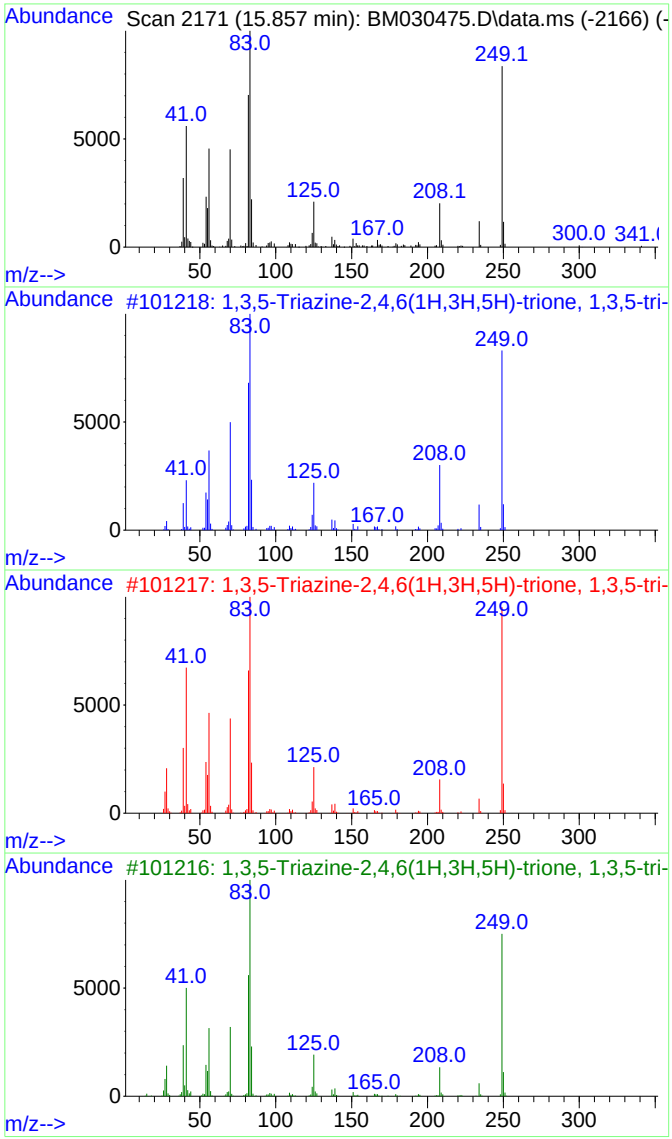
Quant Title : SVOA CALIBRATION

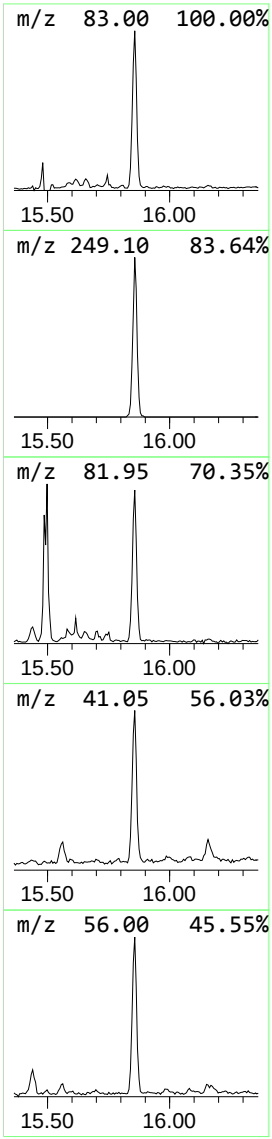
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,3,5-Triazine-2,4,6(1H,3H,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.860	2.28 ng/ul	261109	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	98
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	4H-1-Benzopyran-2-carboxylic aci...	249	C12H11NO5	032142-43-1	40
5	N-Carboxy-1-[4-chlorophenyl]-2-[...	295	C15H18ClNO3	058158-38-6	25





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Quant Title : SVOA CALIBRATION

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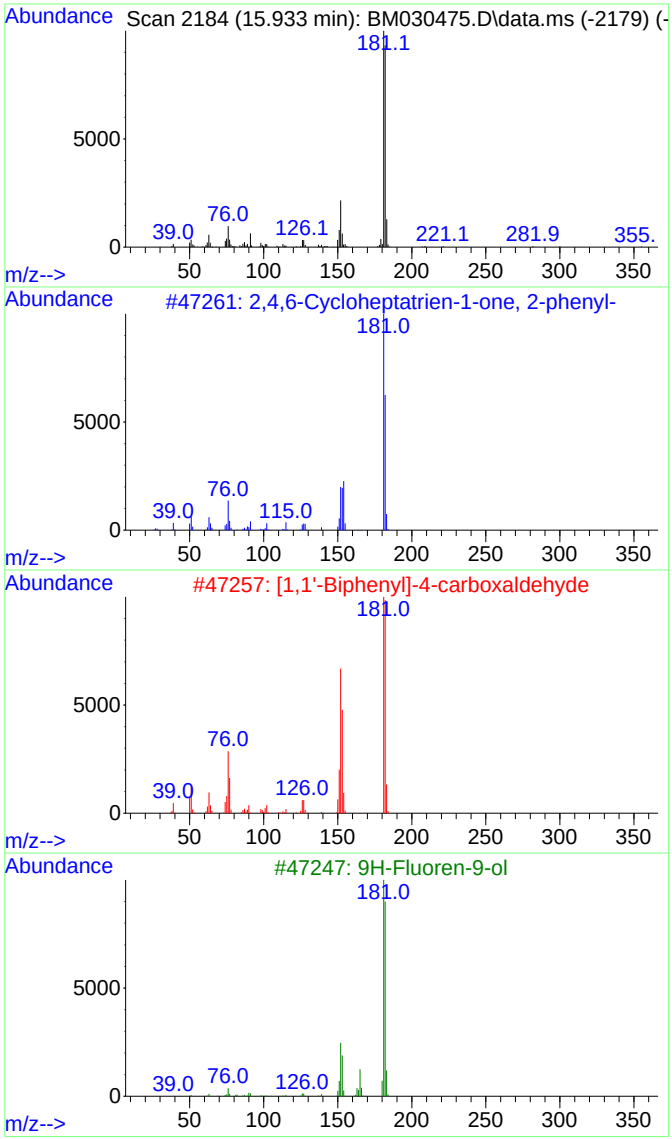
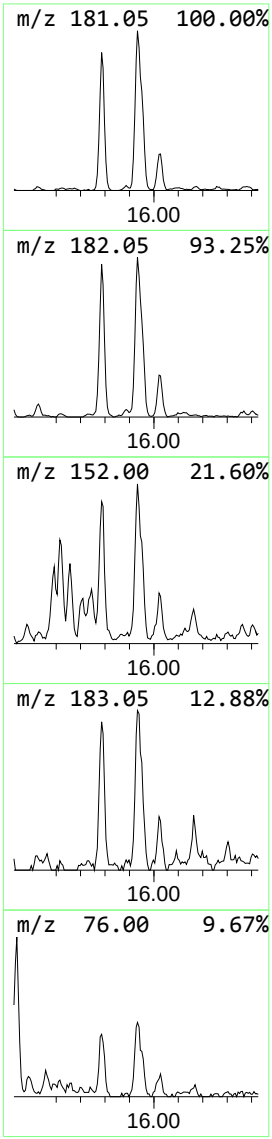
****
Peak Number 6 2,4,6-Cycloheptatrien-1-one... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.930	2.93 ng/ul	335595	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	83
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64





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Operator : CG/JU
Sample : M2596-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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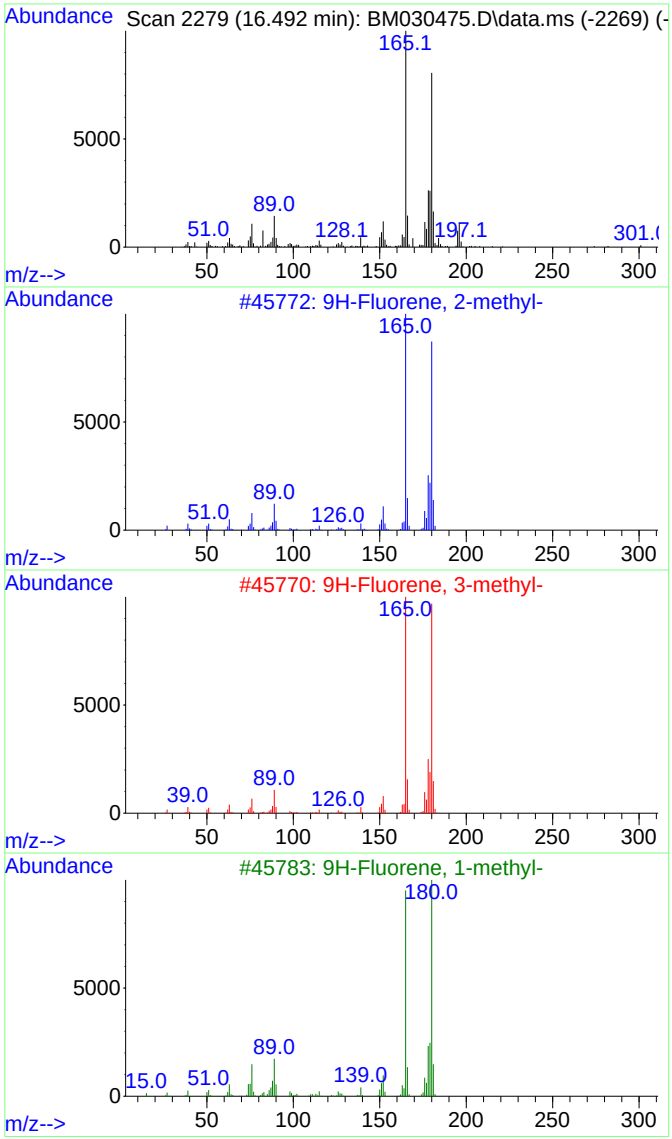
Quant Title : SVOA CALIBRATION

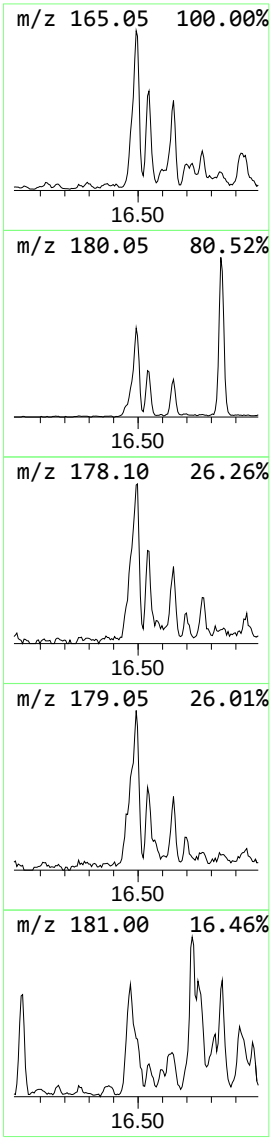
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.490	3.55 ng/ul	406457	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	98
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95





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Operator : CG/JU
Sample : M2596-13
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Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

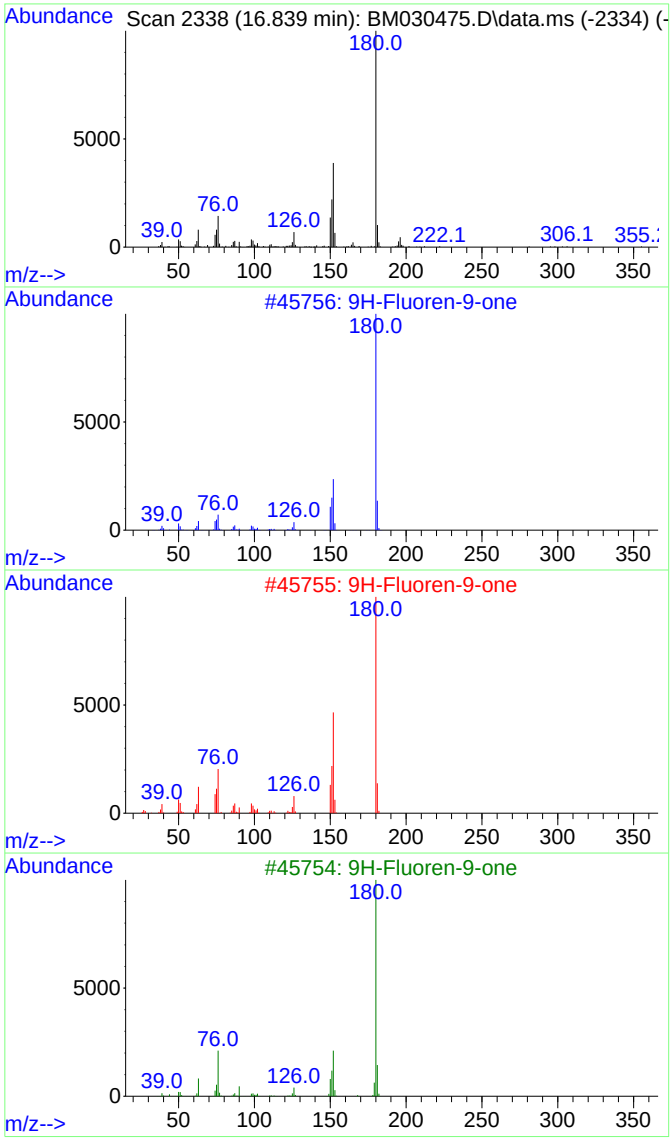
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

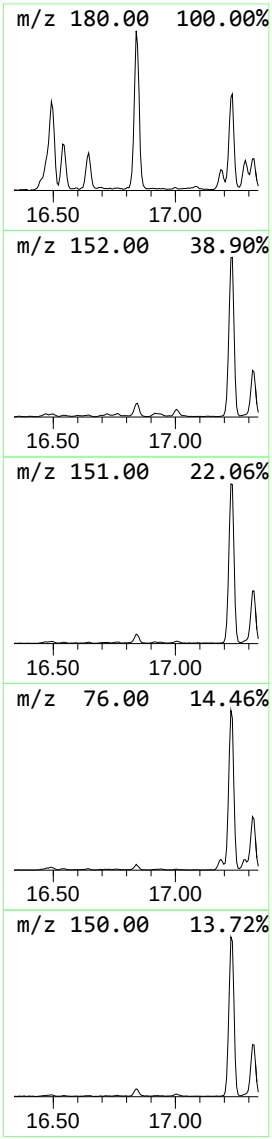
****

Peak Number 8 9H-Fluoren-9-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.840	2.38 ng/ul	272107	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86





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ClientSampleId :
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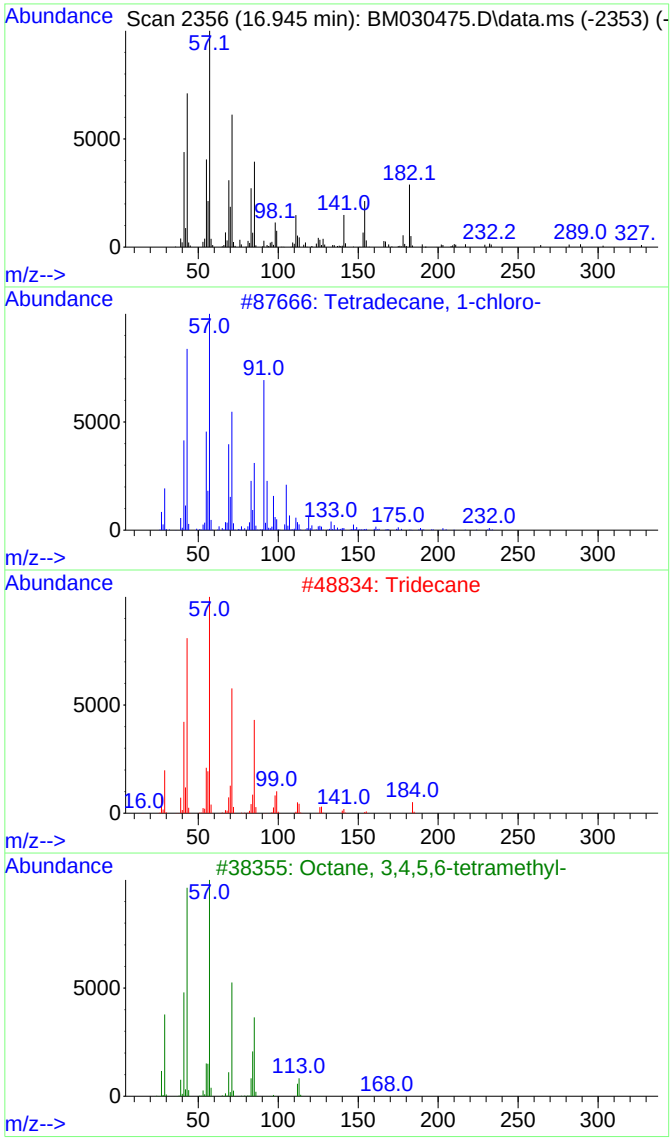
Quant Title : SVOA CALIBRATION

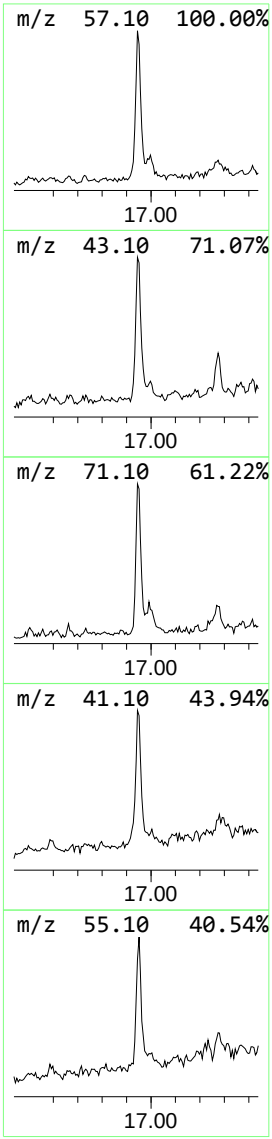
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Tetradecane, 1-chloro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.940	2.57 ng/ul	294332	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	58
2	Tridecane	184	C13H28	000629-50-5	55
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	47
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	47
5	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	43





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Operator : CG/JU
Sample : M2596-13
Misc :
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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

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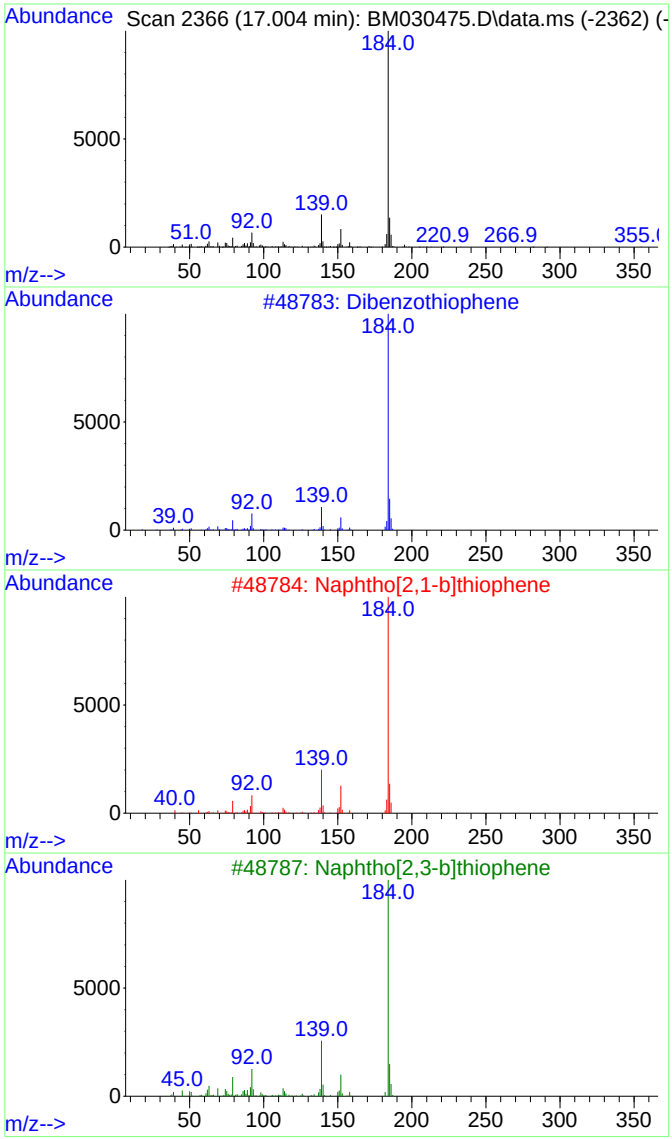
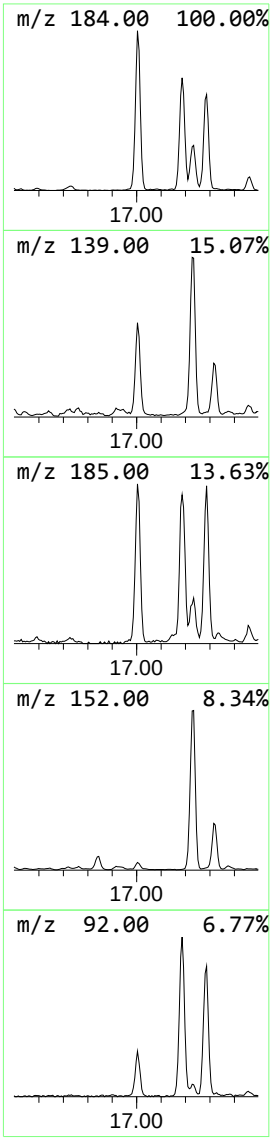
Peak Number 10 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.000	4.17 ng/ul	477074	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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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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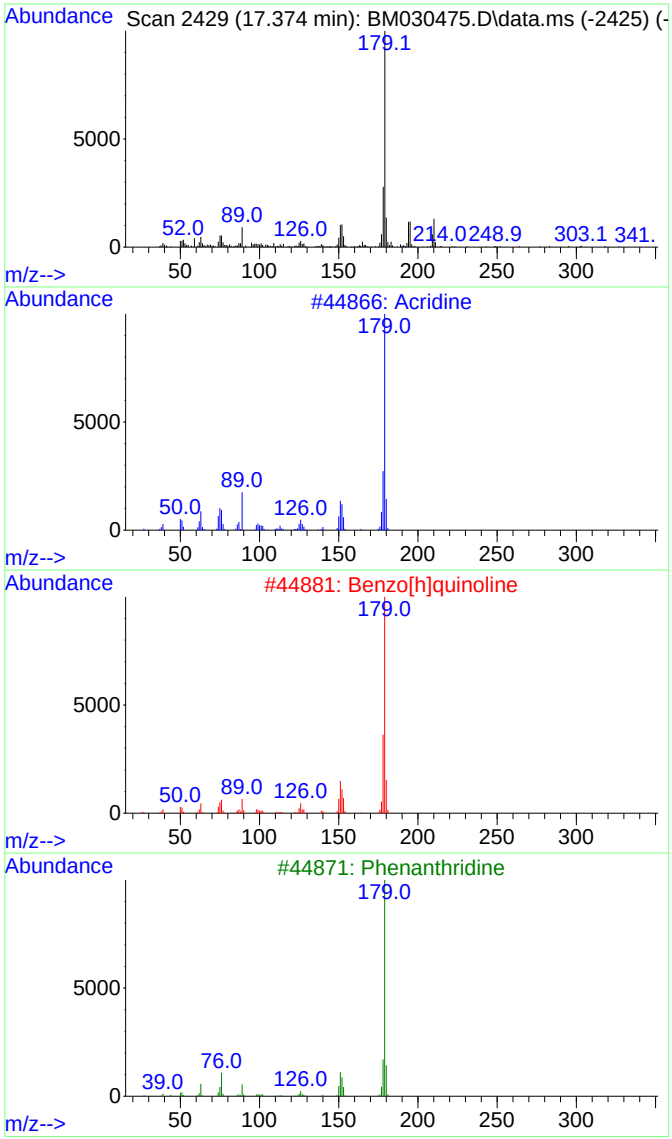
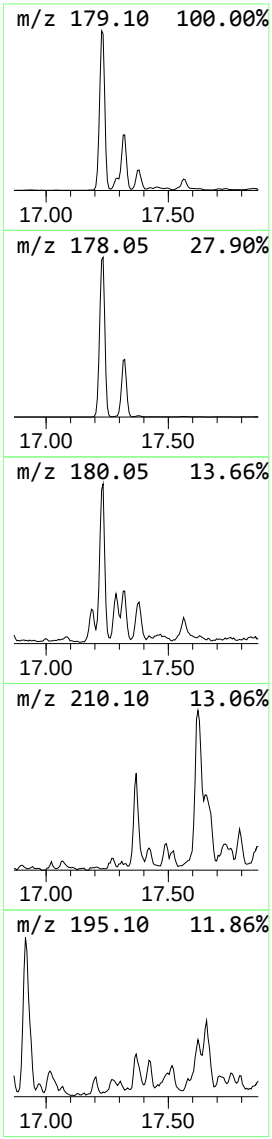
Peak Number 11 Acridine Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.370	2.41 ng/ul	275690	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	95
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	93
3	Phenanthridine	179	C13H9N	000229-87-8	89
4	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	87
5	Phenanthridine	179	C13H9N	000229-87-8	83





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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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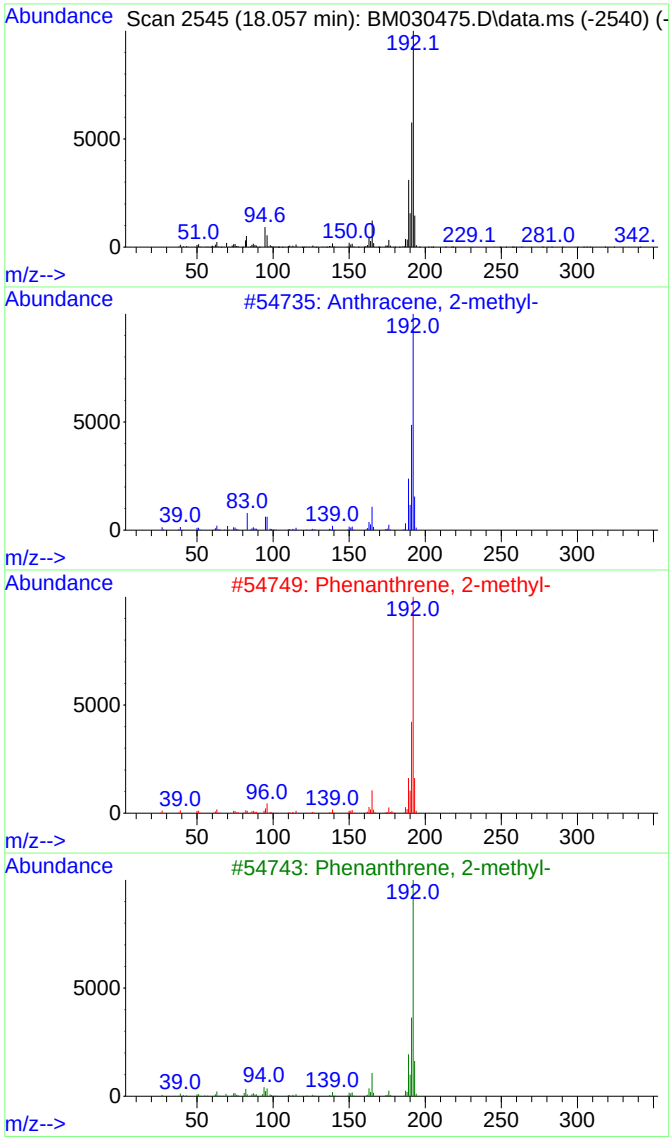
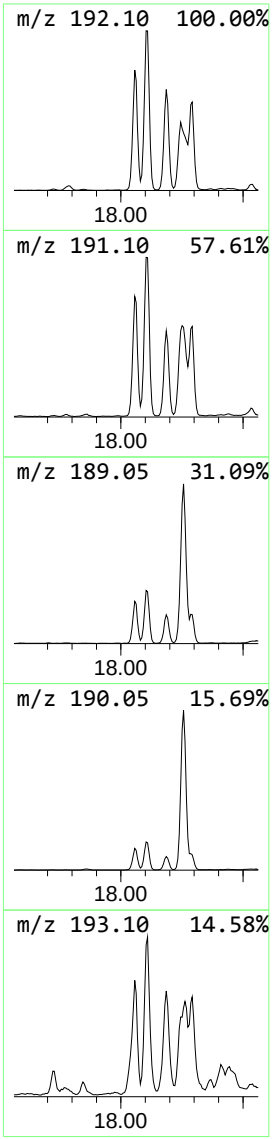
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.060	14.33 ng/ul	1638900	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Operator : CG/JU
Sample : M2596-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

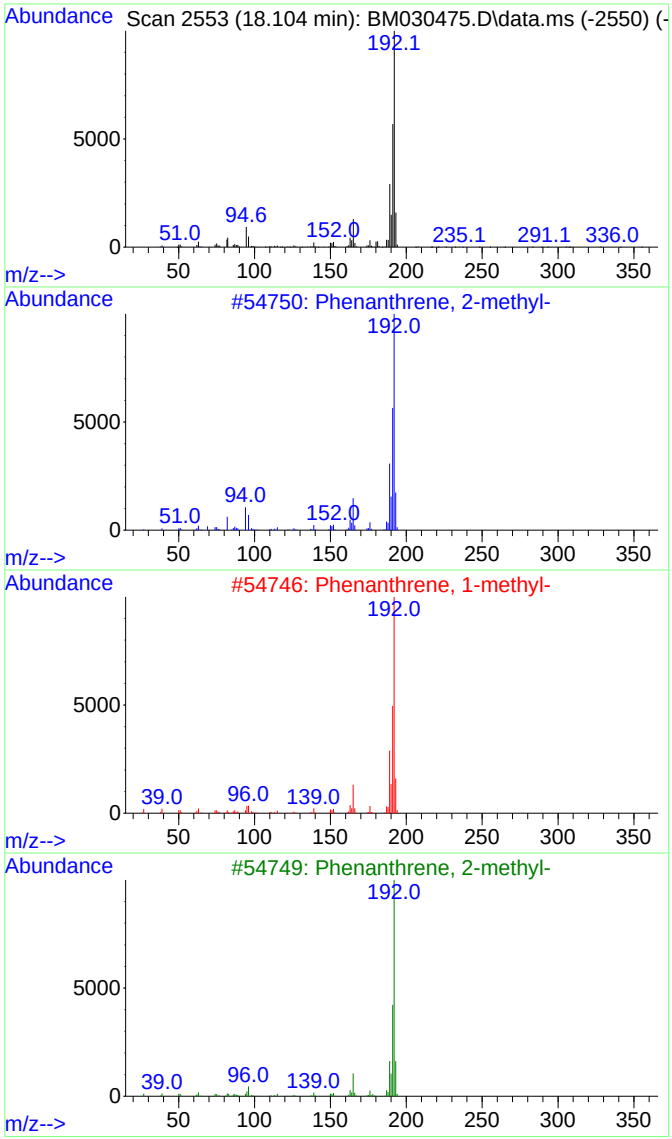
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

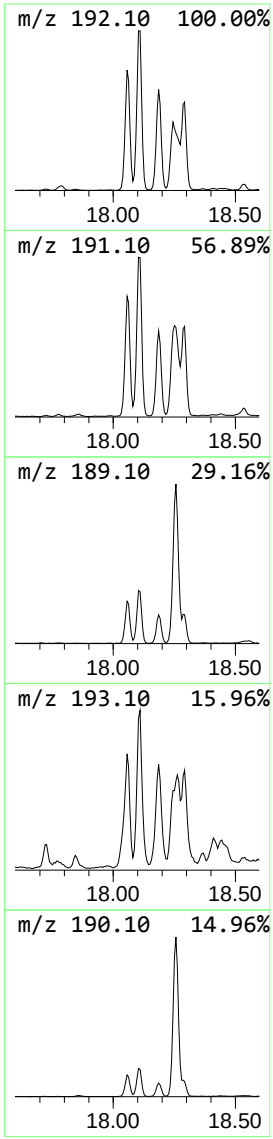
****

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.100	16.72 ng/ul	1912510	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Sample : M2596-13
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

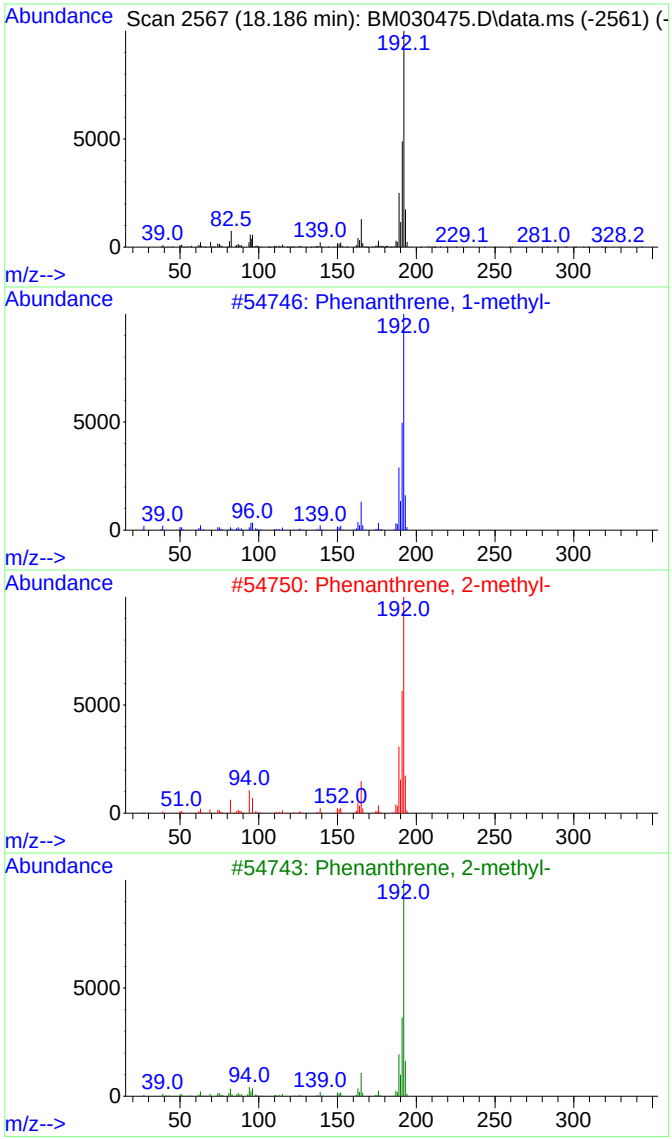
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

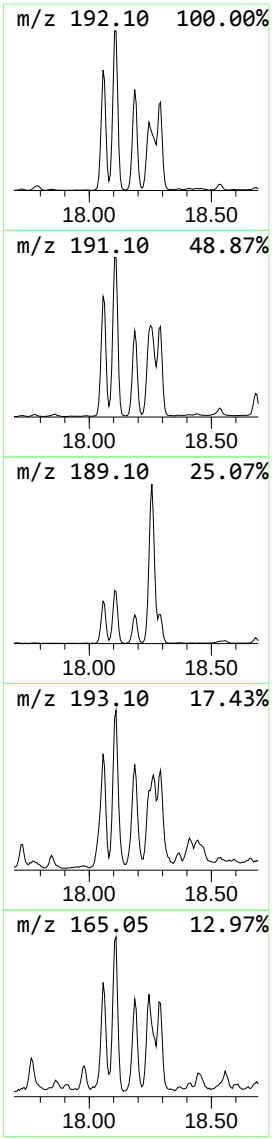
****

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.190	9.61 ng/ul	1099570	Phenanthrene-d10	17.186

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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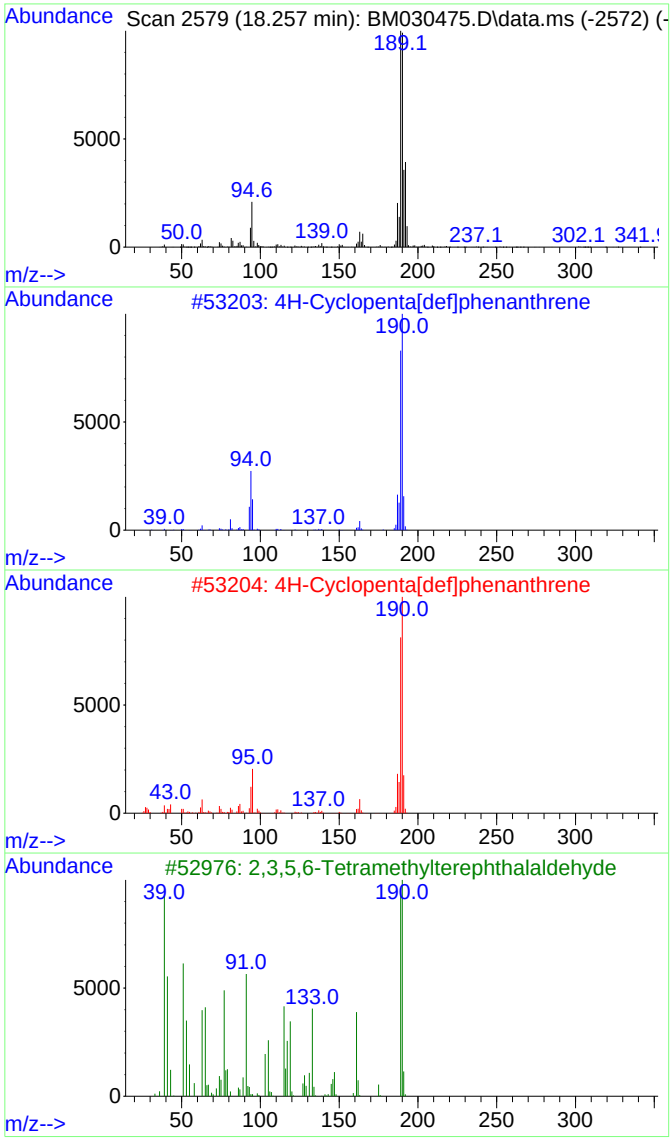
Quant Title : SVOA CALIBRATION

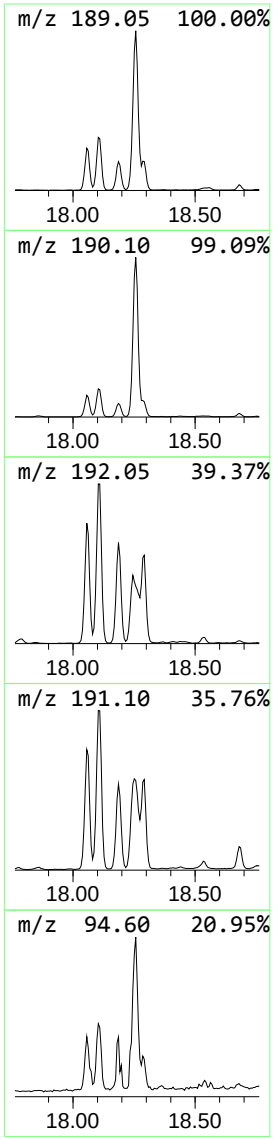
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.260	25.15 ng/ul	2875780	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	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	Methyl diselenide	190	C2H6Se2	007101-31-7	45





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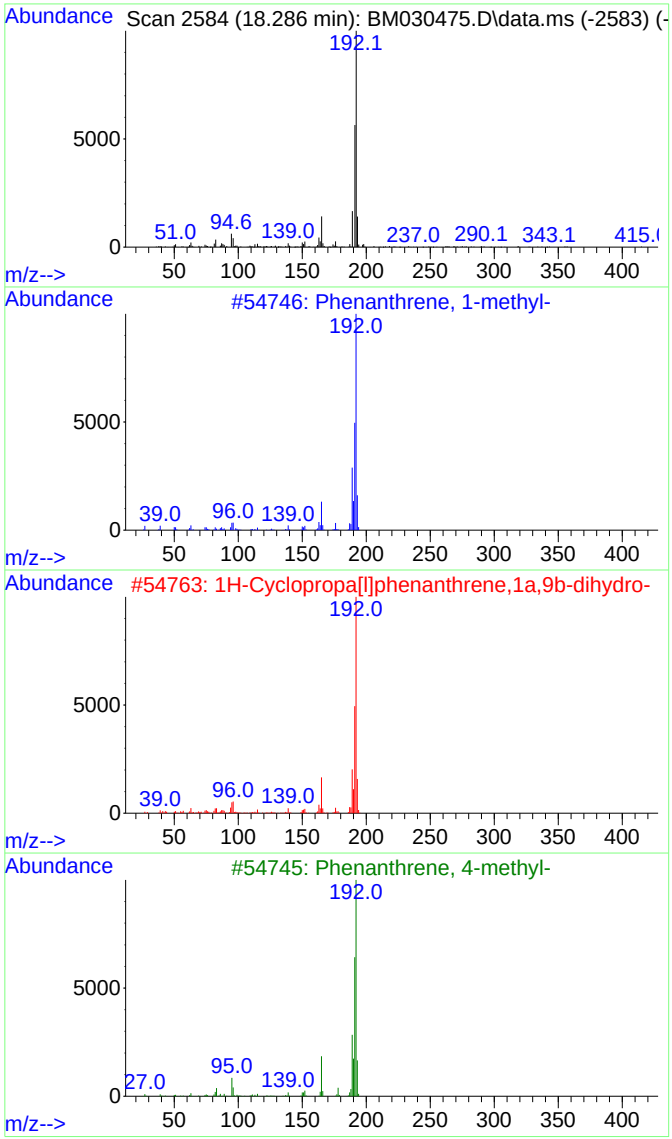
Quant Title : SVOA CALIBRATION

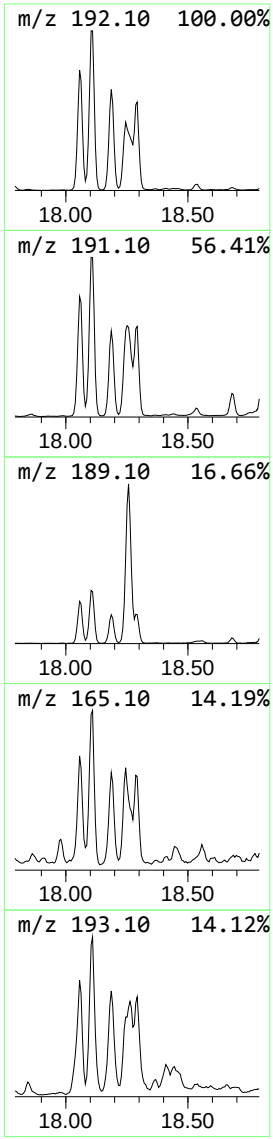
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.290	6.44 ng/ul	736205	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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ClientSampleId :
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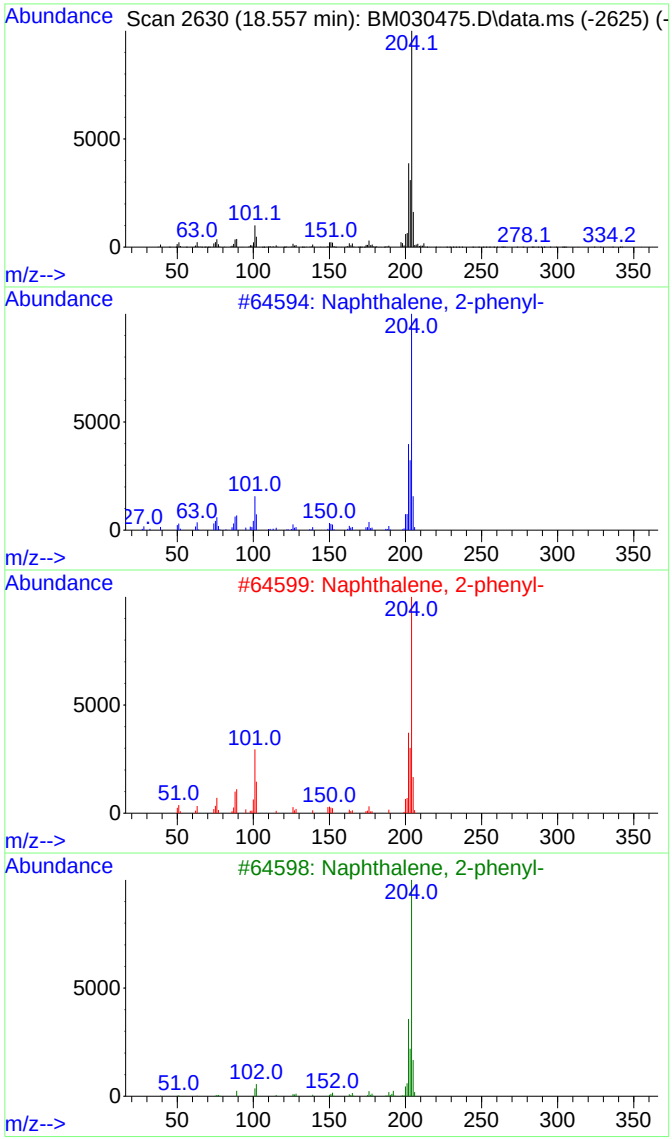
Quant Title : SVOA CALIBRATION

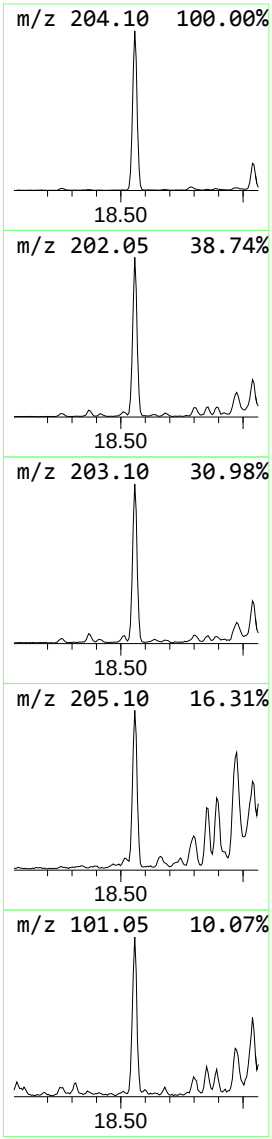
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.560	9.59 ng/ul	1096720	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
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

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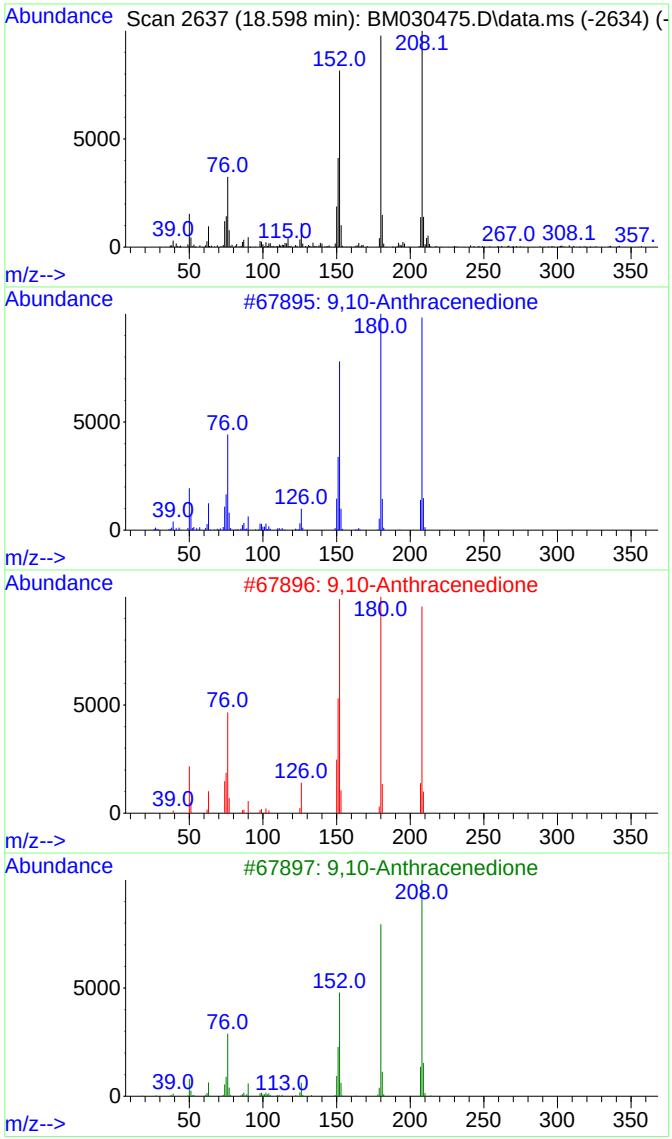
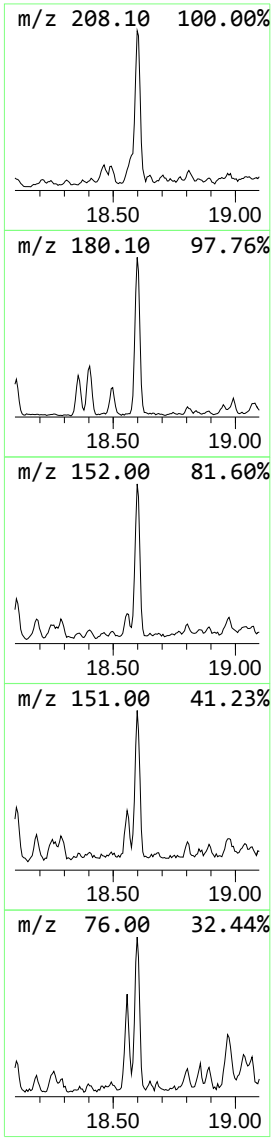
Peak Number 18 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.600	3.57 ng/ul	408368	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Operator : CG/JU
Sample : M2596-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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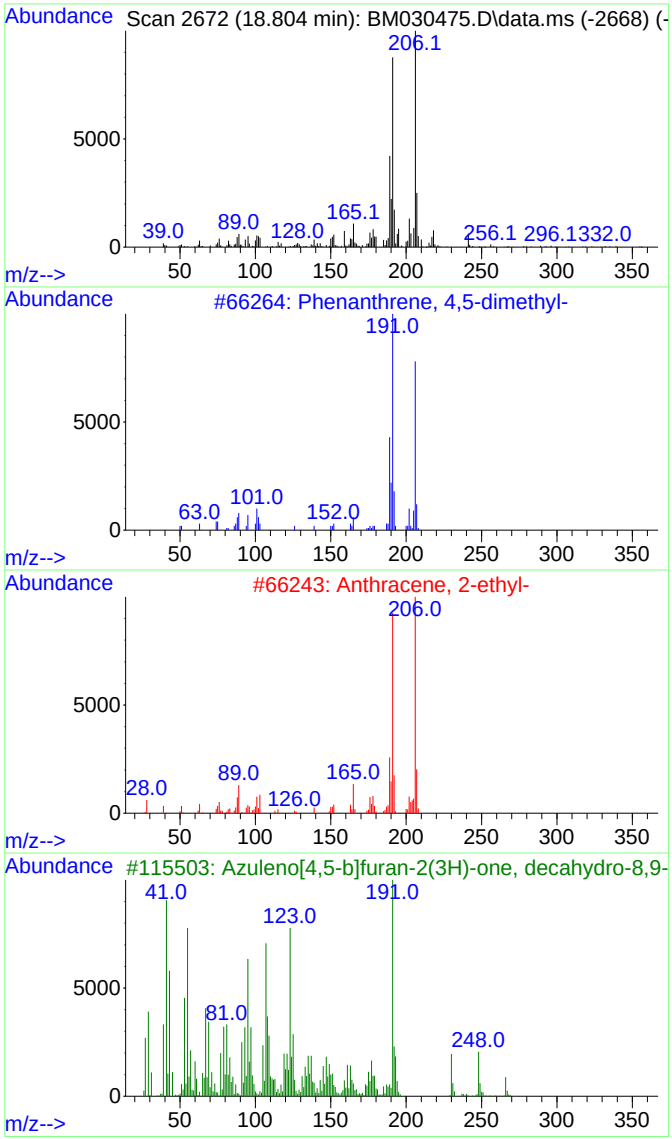
Quant Title : SVOA CALIBRATION

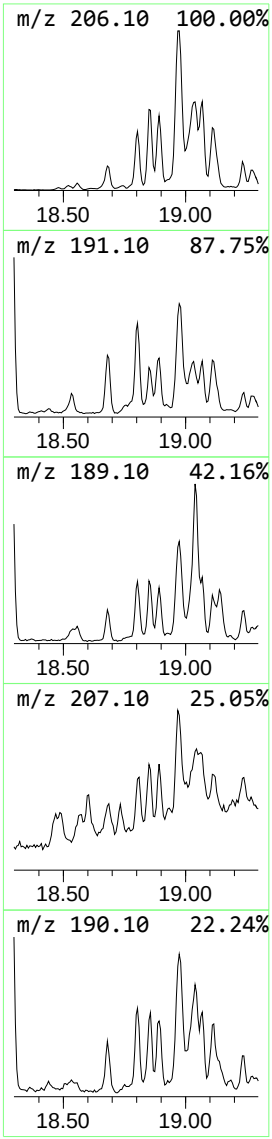
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 4,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.800	2.82 ng/ul	322941	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	94
3	Azuleno[4,5-b]furan-2(3H)-one, d...	266	C15H22O4	005090-67-5	91
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90





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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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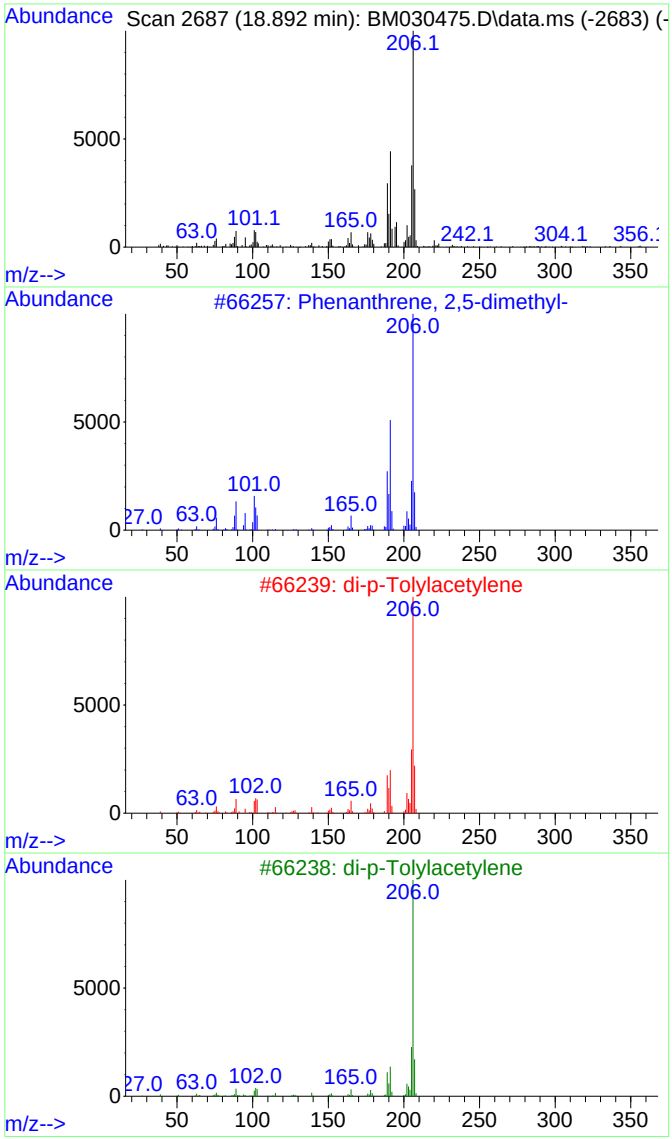
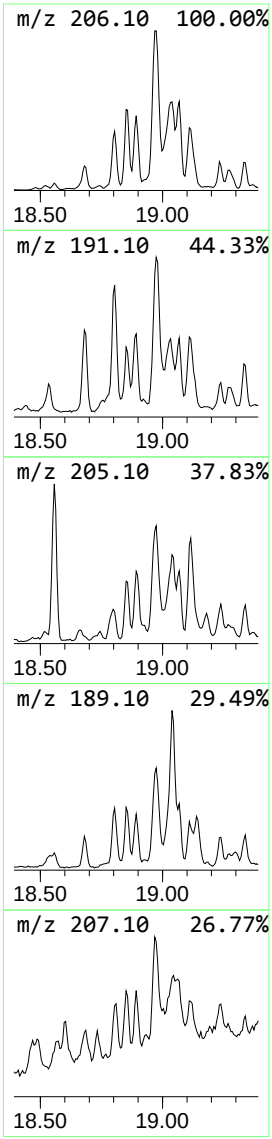
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.890	2.71 ng/ul	309685	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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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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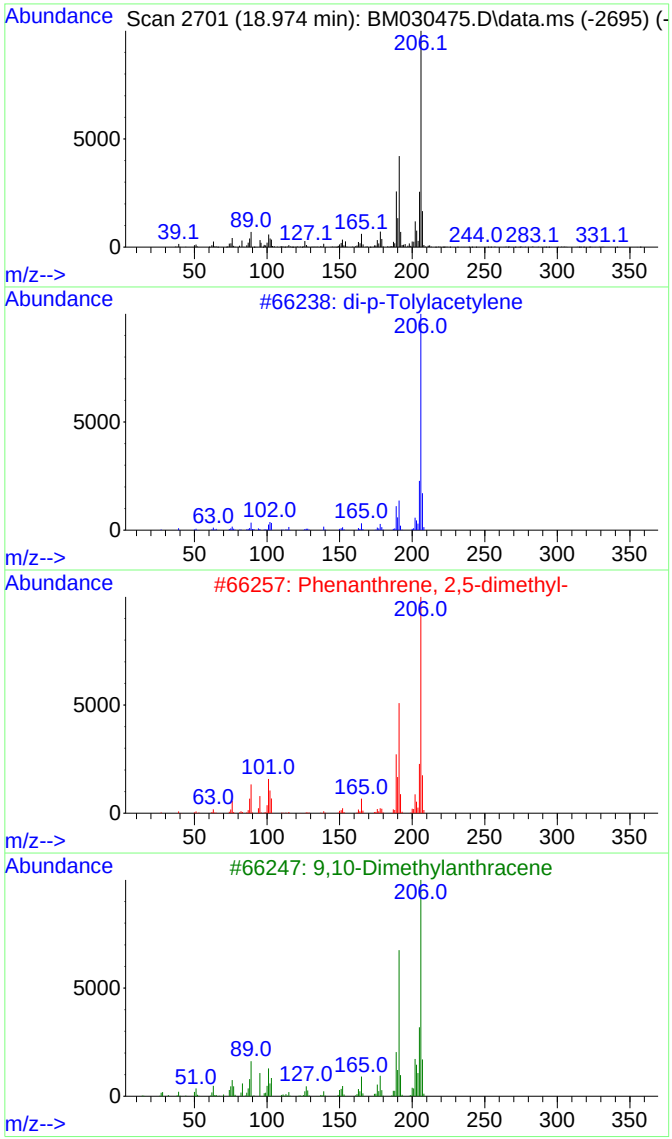
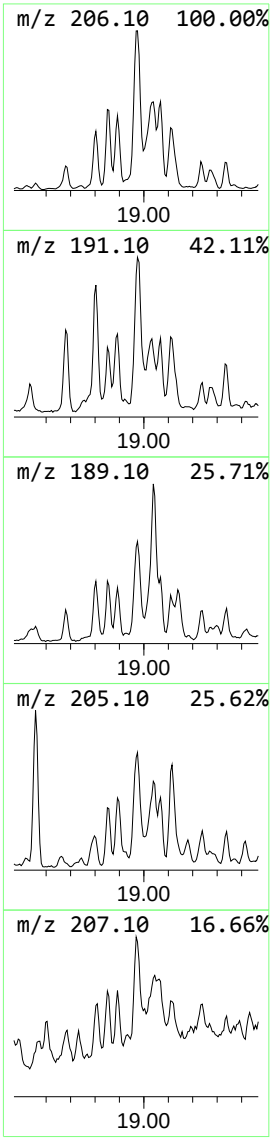
Peak Number 21 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.970	9.47 ng/ul	1083260	Phenanthrene-d10	17.186

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	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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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

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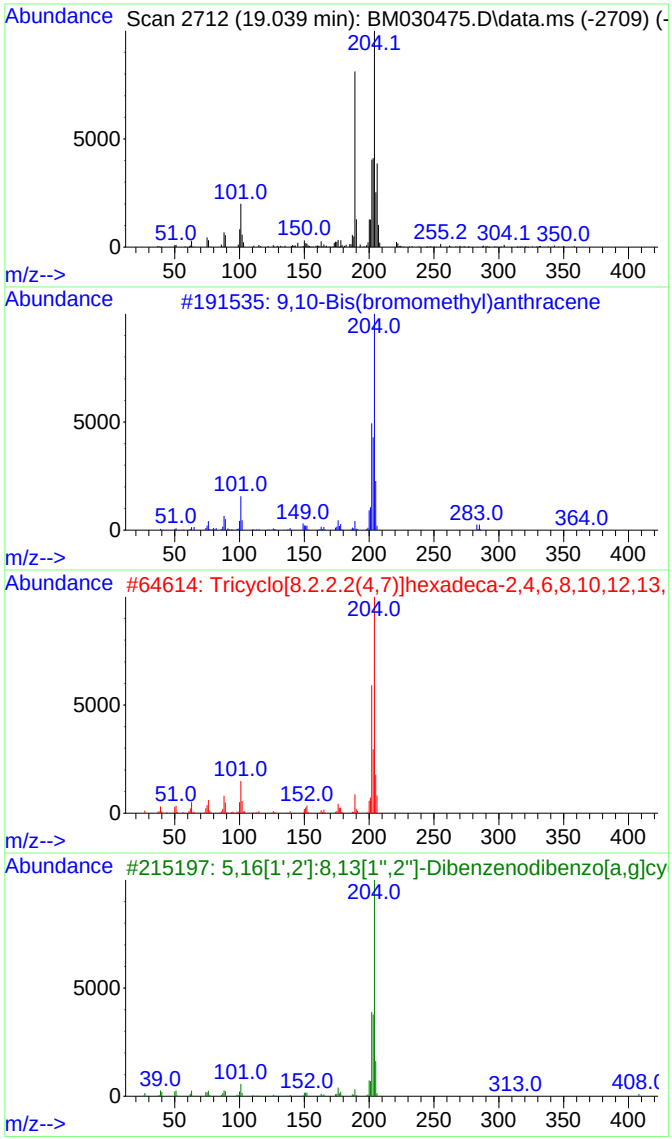
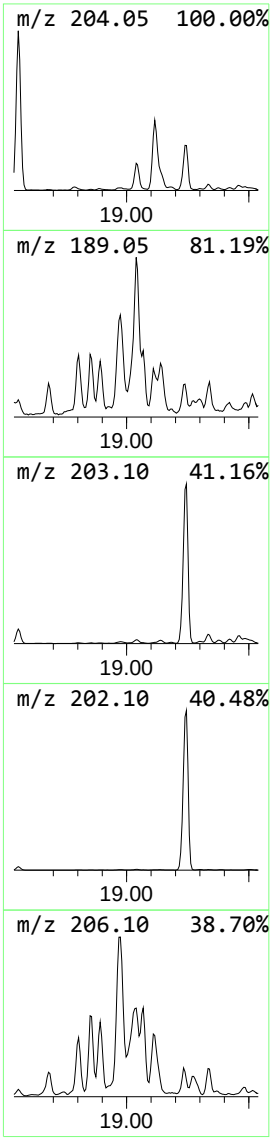
Peak Number 22 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.040	2.55 ng/ul	291635	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	46
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	45
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38





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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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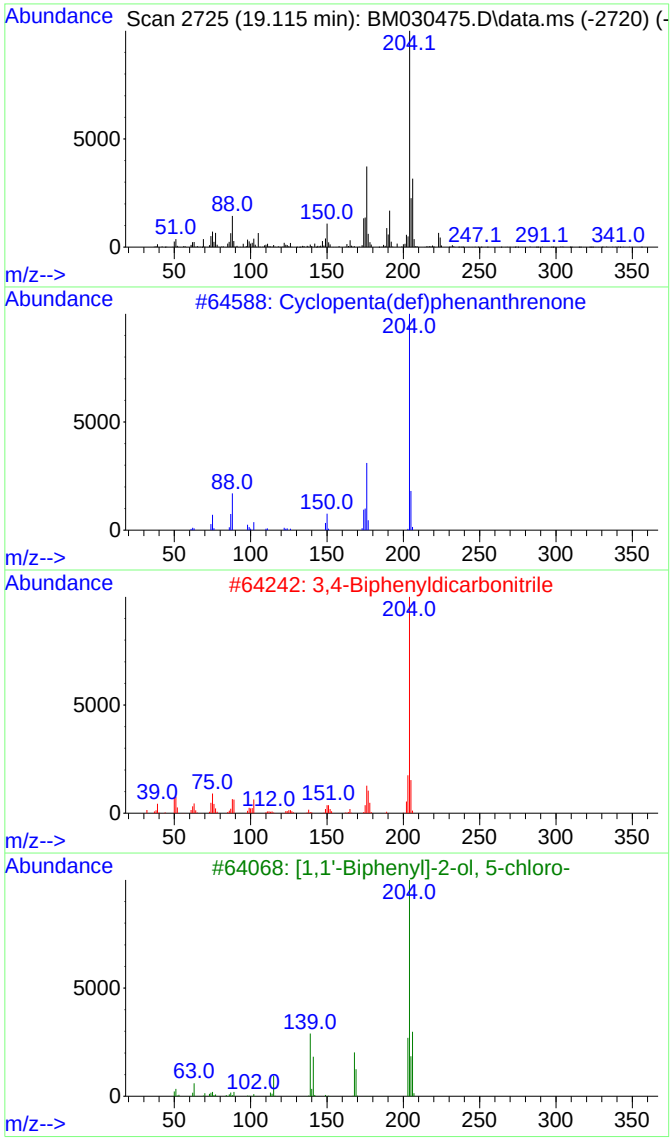
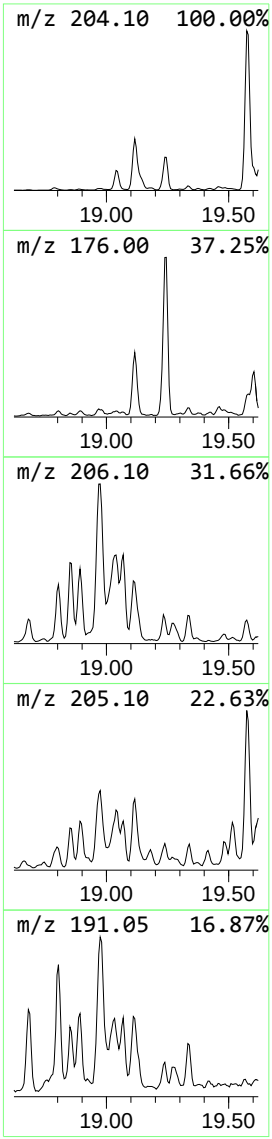
Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.120	9.93 ng/ul	1136160	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	46





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Instrument : BNA_M
ClientSampleId : BG5Q9

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Quant Title : SVOA CALIBRATION

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

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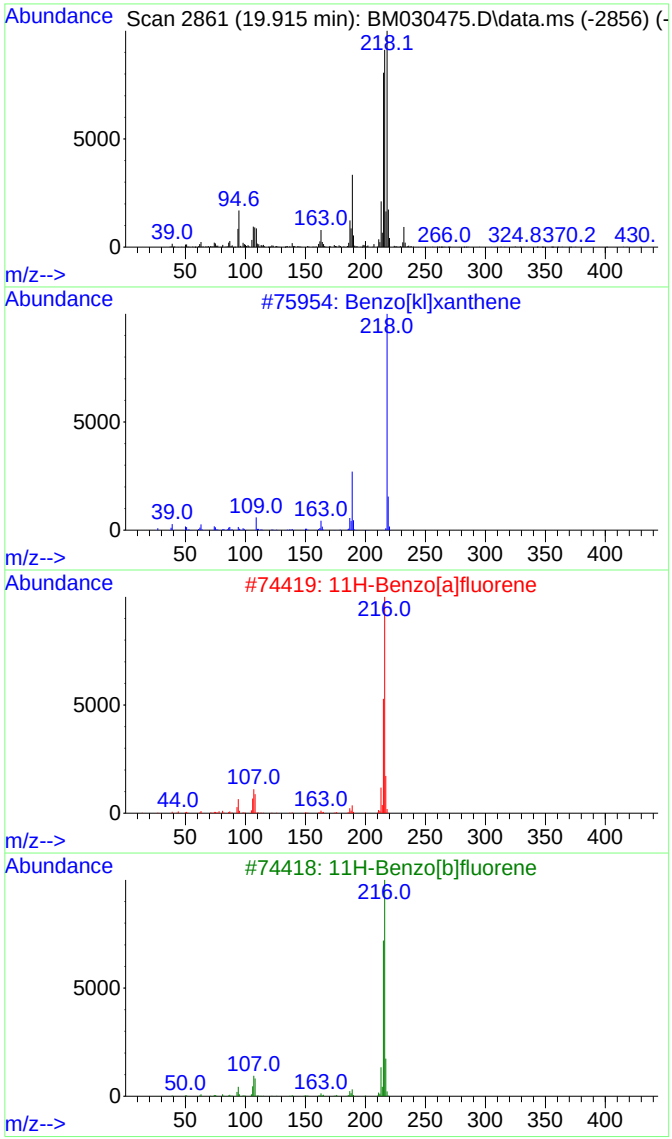
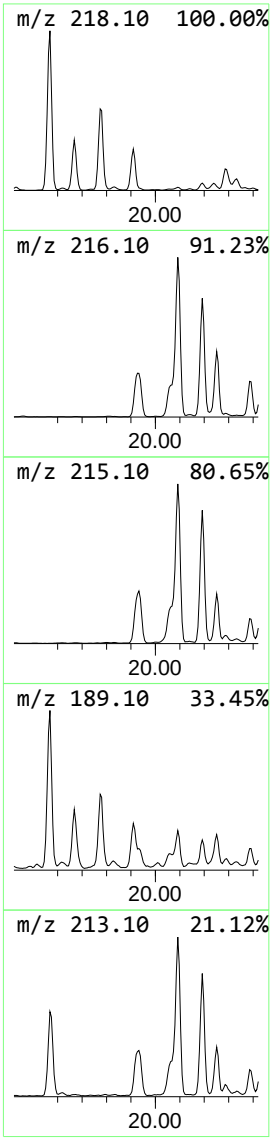
Peak Number 24 Benzo[kl]xanthene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.920	2.91 ng/ul	2353040	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[kl]xanthene	218	C16H10O	000200-23-7	70
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	56





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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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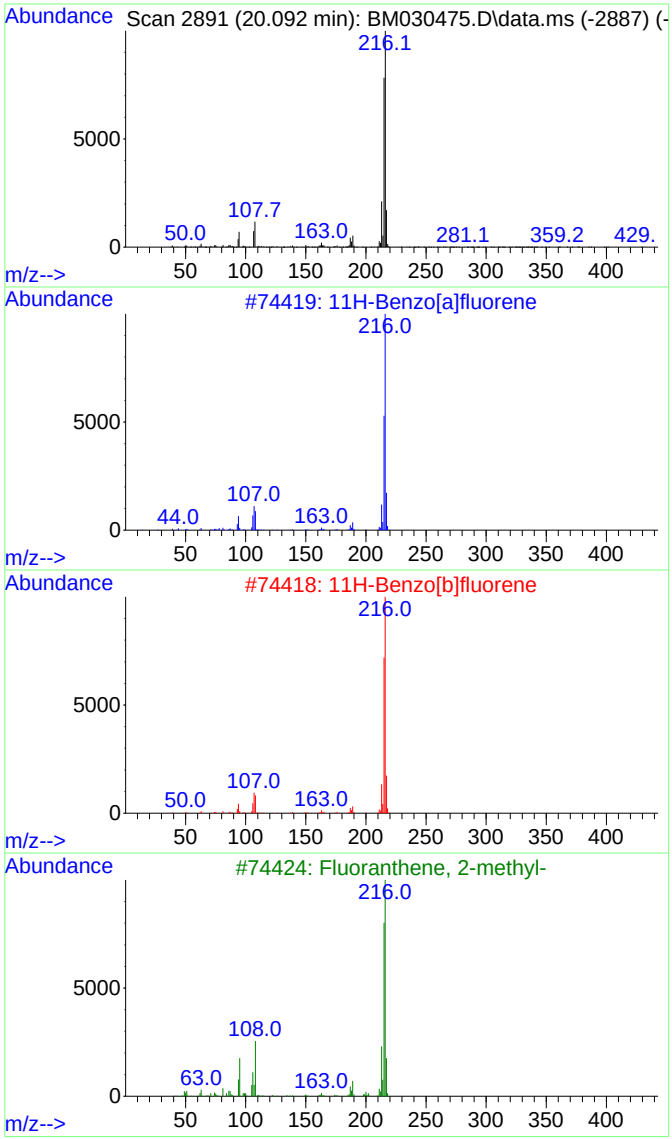
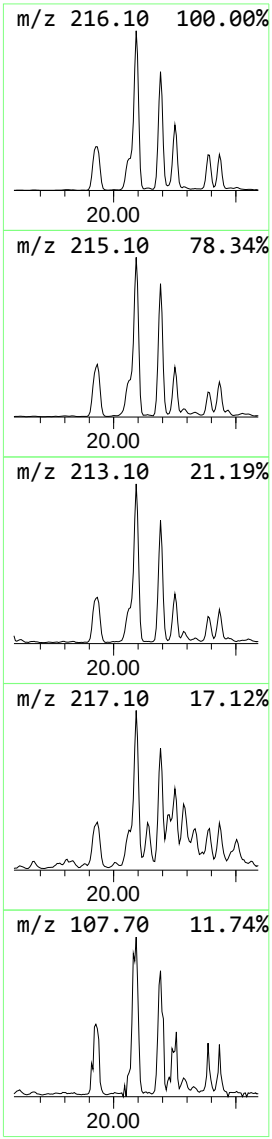
Peak Number 25 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.090	4.16 ng/ul	3360640	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Instrument : BNA_M
ClientSampleId : BG5Q9

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Quant Title : SVOA CALIBRATION

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

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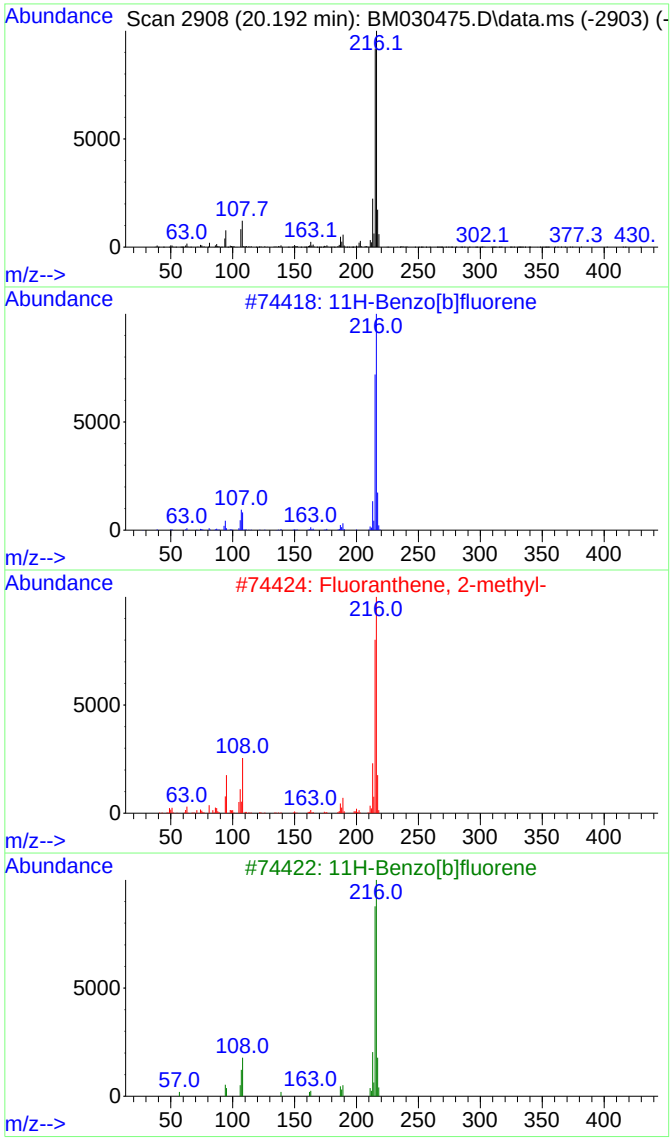
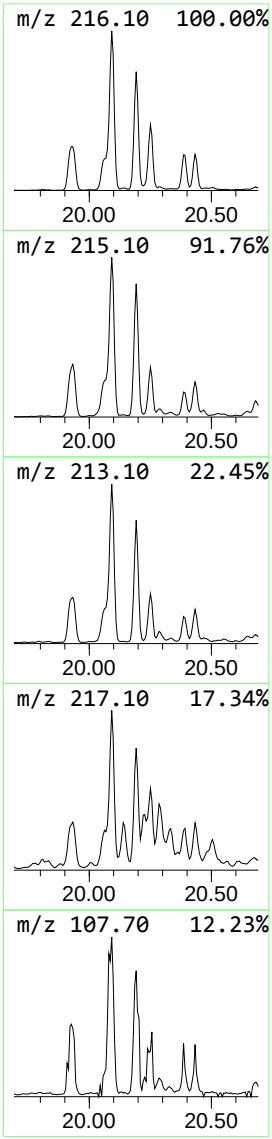
Peak Number 26 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.190	3.07 ng/ul	2477870	Chrysene-d12	21.356

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





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Quant Title : SVOA CALIBRATION

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

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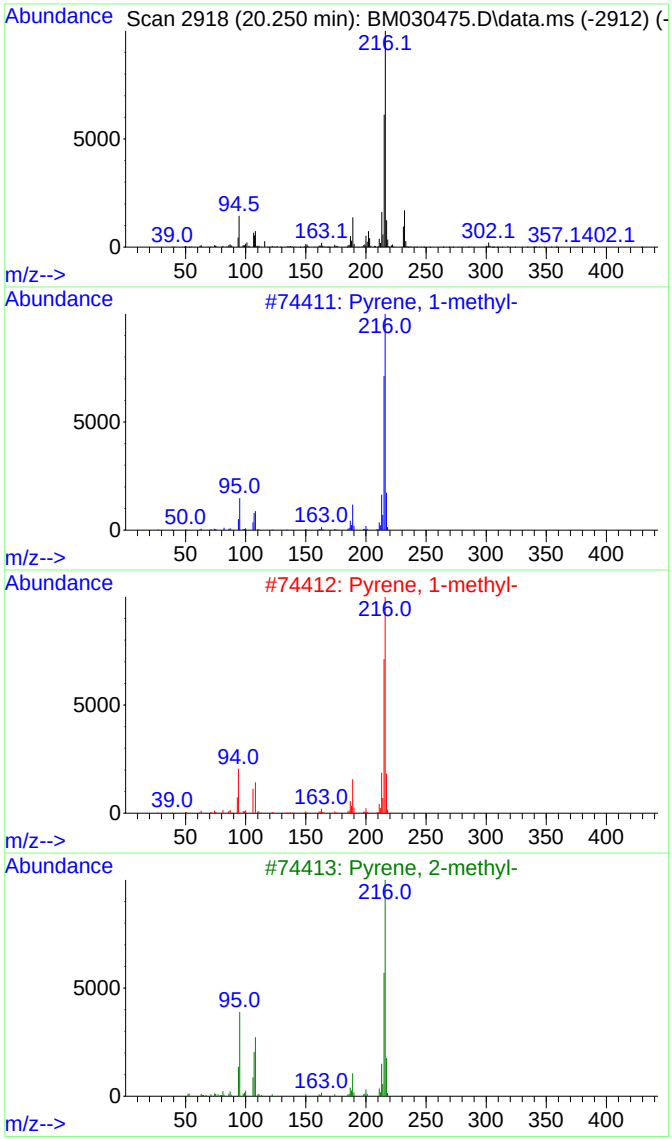
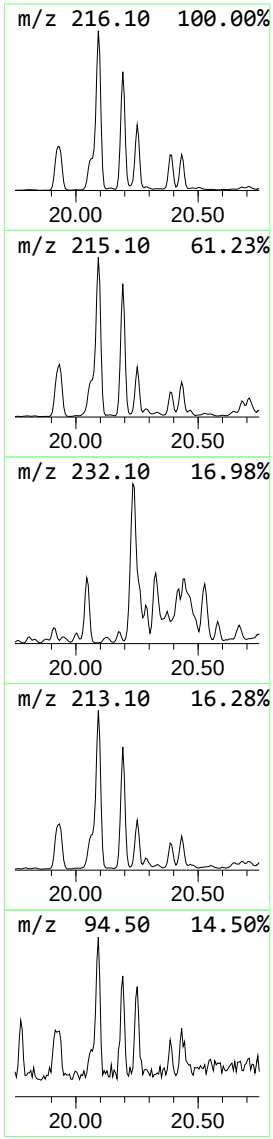
Peak Number 27 Pyrene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.250	2.65 ng/ul	2144300	Chrysene-d12	21.356

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	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Quant Title : SVOA CALIBRATION

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

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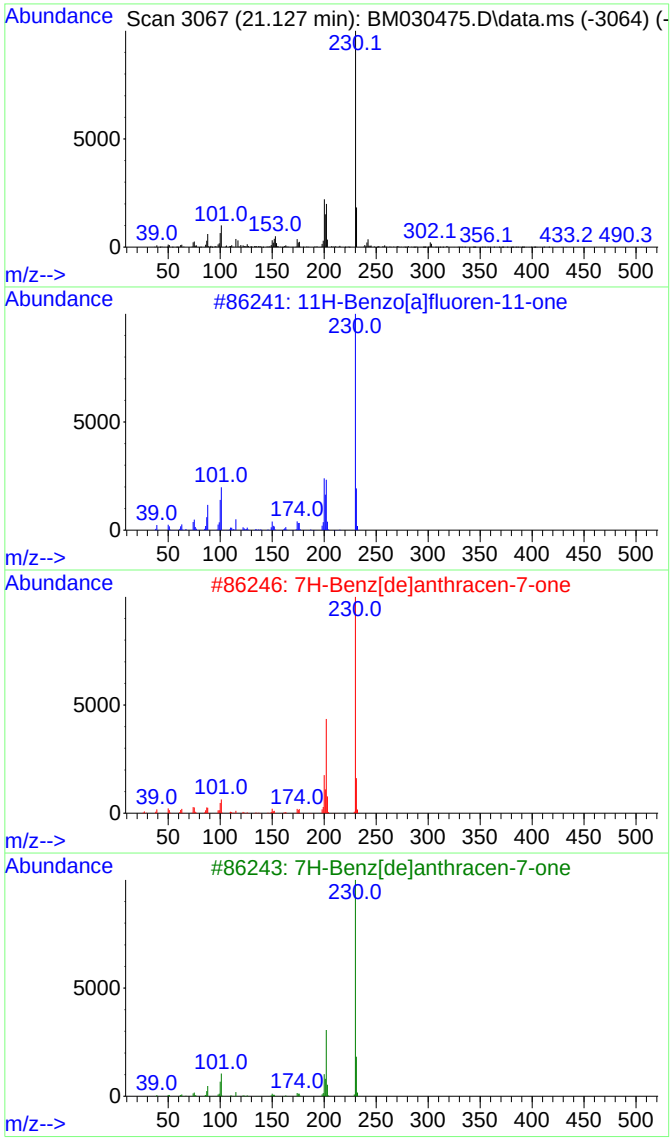
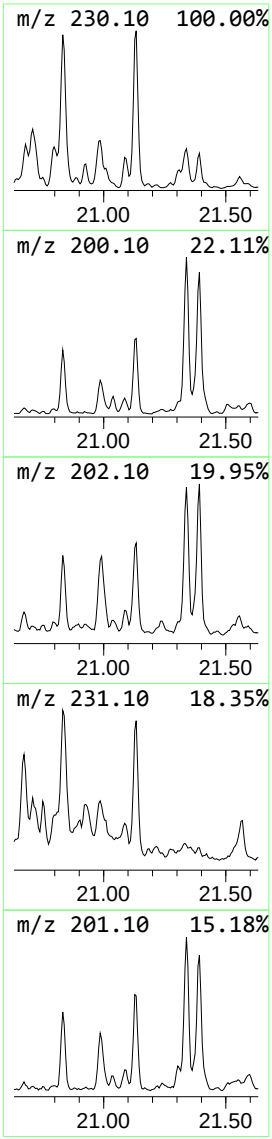
Peak Number 28 11H-Benzo[a]fluoren-11-one Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.130	2.11 ng/ul	1707750	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





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Quant Title : SVOA CALIBRATION

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

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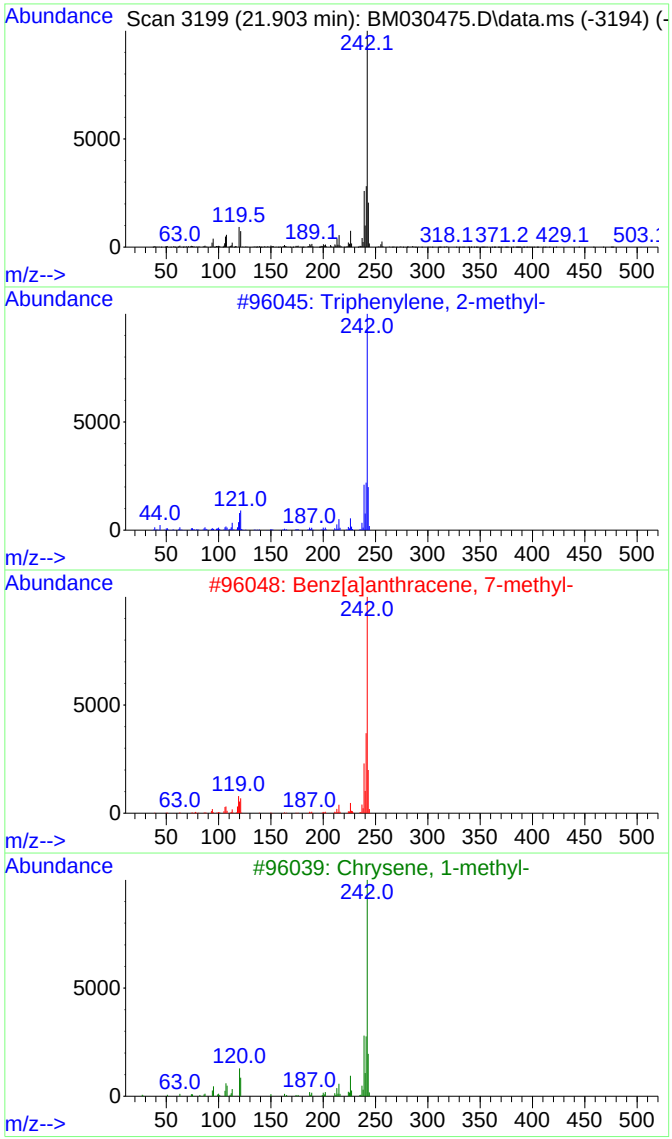
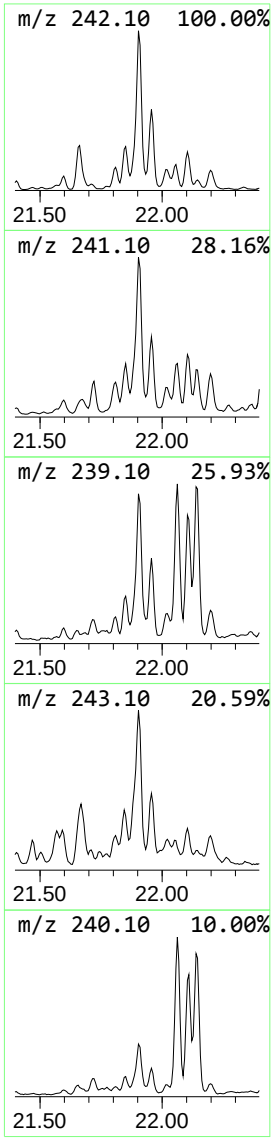
Peak Number 29 Triphenylene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.900	2.50 ng/ul	2022030	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
Data File : BM030475.D
Acq On : 16 Jun 2021 20:33
Operator : CG/JU
Sample : M2596-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5Q9

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

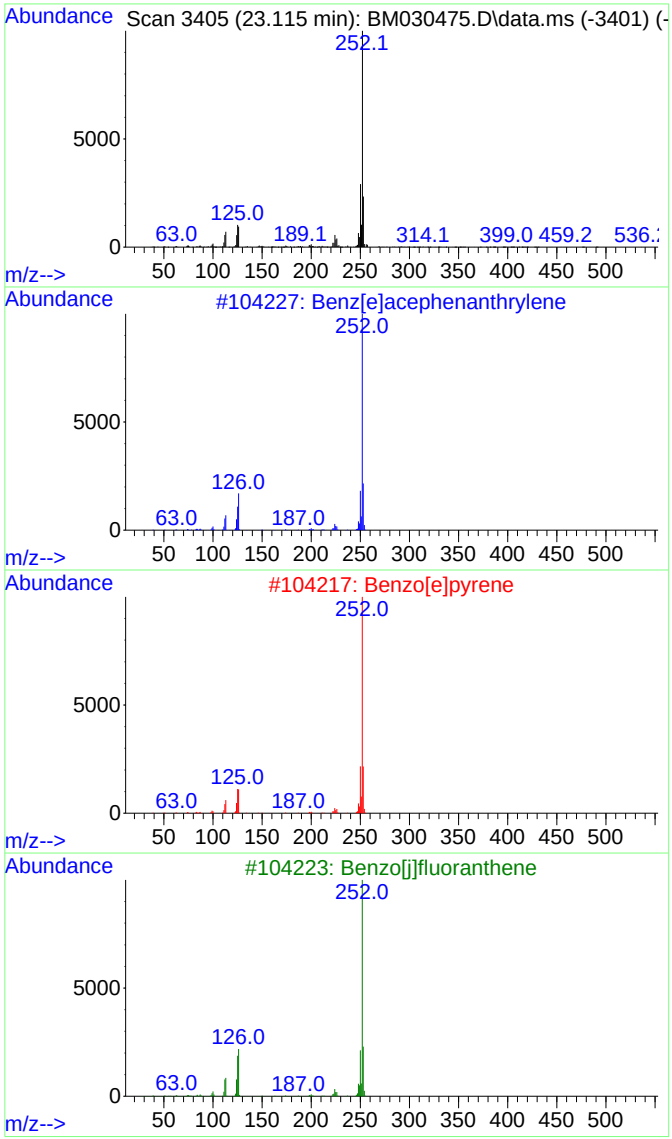
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

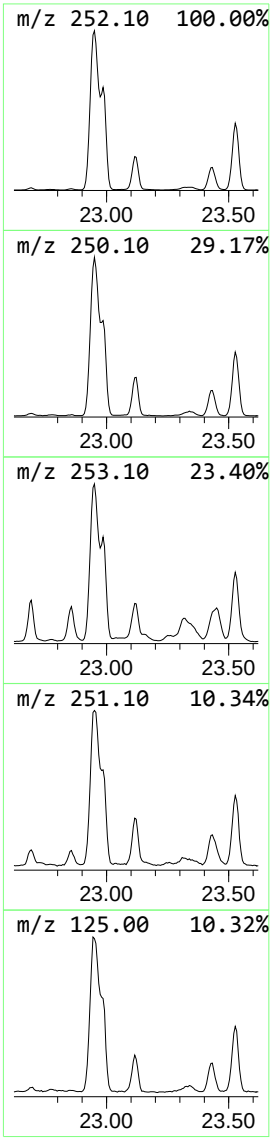
****

Peak Number 30 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.120	12.62 ng/ul	1658150	Perylene-d12	23.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
Data File : BM030475.D
Acq On : 16 Jun 2021 20:33
Operator : CG/JU
Sample : M2596-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5Q9

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
Methacrylamide	3.820	2.6	ng/ul	131248	1	7.822	1001600	20.0
Ethanol, 2-(2-b...	10.390	13.0	ng/ul	904886	2	10.610	1388450	20.0
Dibenzofuran, 4...	15.790	2.5	ng/ul	237331	3	14.451	1895120	20.0
1,3,5-Triazine-...	15.860	2.3	ng/ul	261109	4	17.186	2287270	20.0
2,4,6-Cyclohept...	15.930	2.9	ng/ul	335595	4	17.186	2287270	20.0
9H-Fluorene, 2-...	16.490	3.5	ng/ul	406457	4	17.186	2287270	20.0
9H-Fluoren-9-one	16.840	2.4	ng/ul	272107	4	17.186	2287270	20.0
Tetradecane, 1-...	16.940	2.6	ng/ul	294332	4	17.186	2287270	20.0
Dibenzothiophene	17.000	4.2	ng/ul	477074	4	17.186	2287270	20.0
Acridine	17.370	2.4	ng/ul	275690	4	17.186	2287270	20.0
Anthracene, 2-m...	18.060	14.3	ng/ul	1638900	4	17.186	2287270	20.0
Phenanthrene, 2...	18.100	16.7	ng/ul	1912510	4	17.186	2287270	20.0
Phenanthrene, 1...	18.190	9.6	ng/ul	1099570	4	17.186	2287270	20.0
4H-Cyclopenta[d...	18.260	25.1	ng/ul	2875780	4	17.186	2287270	20.0
1H-Cyclopropa[l...	18.290	6.4	ng/ul	736205	4	17.186	2287270	20.0
Naphthalene, 2-...	18.560	9.6	ng/ul	1096720	4	17.186	2287270	20.0
9,10-Anthracene...	18.600	3.6	ng/ul	408368	4	17.186	2287270	20.0
Phenanthrene, 4...	18.800	2.8	ng/ul	322941	4	17.186	2287270	20.0
Phenanthrene, 2...	18.890	2.7	ng/ul	309685	4	17.186	2287270	20.0
di-p-Tolylacety...	18.970	9.5	ng/ul	1083260	4	17.186	2287270	20.0
unknown-01	19.040	2.5	ng/ul	291635	4	17.186	2287270	20.0
Cyclopenta(def)...	19.120	9.9	ng/ul	1136160	4	17.186	2287270	20.0
Benzo[kl]xanthene	19.920	2.9	ng/ul	2353040	5	21.356	16162800	20.0
11H-Benzo[a]flu...	20.090	4.2	ng/ul	3360640	5	21.356	16162800	20.0
11H-Benzo[b]flu...	20.190	3.1	ng/ul	2477870	5	21.356	16162800	20.0
Pyrene, 1-methyl-	20.250	2.6	ng/ul	2144300	5	21.356	16162800	20.0
11H-Benzo[a]flu...	21.130	2.1	ng/ul	1707750	5	21.356	16162800	20.0
Triphenylene, 2...	21.900	2.5	ng/ul	2022030	5	21.356	16162800	20.0
Benzo[e]pyrene	23.120	12.6	ng/ul	1658150	6	23.627	2627880	20.0