LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049377.D
Acq On : 16 Jul 2021 14:02
Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

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_G\METHODS\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

Signal : TIC: BG049377.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.100	4	10	18	rBV2	134656	303651	21.79%	1.749%
2	3.176	19	23	39	rVB	190949	361304	25.93%	2.081%
3	3.881	140	143	148	rBV2	21218	38641	2.77%	0.223%
4	7.218	702	711	724	rBV	91818	178356	12.80%	1.027%
5	7.383	731	739	747	rBV	59004	104986	7.53%	0.605%
6	7.594	767	775	784	rVB	87305	161331	11.58%	0.929%
7	8.064	847	855	862	rBV2	92942	166628	11.96%	0.960%
8	8.769	968	975	986	rVB2	118083	211324	15.17%	1.217%
9	8.893	991	996	1000	rBV3	4980	8876	0.64%	0.051%
10	9.228	1047	1053	1064	rVB	97206	177350	12.73%	1.021%
11	9.962	1170	1178	1185	rBV2	83748	158015	11.34%	0.910%
12	10.503	1264	1270	1281	rVB2	122357	223563	16.04%	1.288%
13	10.655	1291	1296	1306	rBV4	6655	14663	1.05%	0.084%
14	10.885	1326	1335	1340	rBV	125272	236980	17.01%	1.365%
15	10.938	1340	1344	1350	rVB	21188	36374	2.61%	0.209%
16	11.014	1350	1357	1366	rBV	99516	196338	14.09%	1.131%
17	12.547	1611	1618	1622	rBV2	17133	30105	2.16%	0.173%
18	12.759	1647	1654	1660	rVB2	21558	34922	2.51%	0.201%
19	13.746	1816	1822	1826	rBV3	4799	8643	0.62%	0.050%
20	13.875	1839	1844	1847	rBV4	9731	18943	1.36%	0.109%
21	14.034	1865	1871	1876	rBV3	17981	32898	2.36%	0.189%
22	14.110	1876	1884	1891	rVV	247340	374530	26.88%	2.157%
23	14.269	1907	1911	1914	rBV3	6608	10464	0.75%	0.060%
24	14.404	1927	1934	1946	rBV	236673	434548	31.19%	2.503%
25	14.715	1977	1987	1992	rBV	209206	343130	24.63%	1.976%
26	14.774	1992	1997	2003	rVB	78489	130455	9.36%	0.751%
27	14.909	2014	2020	2029	rBV	91289	158398	11.37%	0.912%
28	15.109	2048	2054	2060	rVB2	43324	71287	5.12%	0.411%
29	15.180	2062	2066	2071	rBV3	9971	14271	1.02%	0.082%
30	15.321	2085	2090	2095	rBV5	8466	16231	1.16%	0.093%
31	15.379	2097	2100	2104	rVB2	8169	11129	0.80%	0.064%
32	15.503	2113	2121	2124	rBV5	9391	18769	1.35%	0.108%
33	15.703	2148	2155	2161	rVV	314852	492597	35.35%	2.837%
34	15.761	2161	2165	2170	rVV	72366	112447	8.07%	0.648%
35	15.820	2170	2175	2182	rVV2	67990	105407	7.56%	0.607%
36	15.885	2184	2186	2189	rVB2	8824	8231	0.59%	0.047%

LSC Area Percent Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

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_G\METHODS\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

37	15.920	2189	2192	2197	rBV6	10382	15492	1.11%	0.089%
38	16.014	2204	2208	2211	rBV3	8162	10881	0.78%	0.063%
39	16.049	2211	2214	2221	rVB	27701	42245	3.03%	0.243%
40	16.202	2229	2240	2249	rBV4	29735	67650	4.85%	0.390%
41	16.290	2252	2255	2260	rVB3	5711	8558	0.61%	0.049%
42	16.408	2270	2275	2276	rBV3	5686	9467	0.68%	0.055%
43	16.437	2276	2280	2286	rVB5	15507	25086	1.80%	0.144%
44	16.766	2326	2336	2341	rBV3	29159	61531	4.42%	0.354%
45	16.813	2341	2344	2350	rVB4	9924	13844	0.99%	0.080%
46	16.913	2357	2361	2367	rVB2	14382	19223	1.38%	0.111%
47	16.989	2367	2374	2378	rBV4	25005	44871	3.22%	0.258%
48	17.036	2378	2382	2385	rVB2	15856	18542	1.33%	0.107%
49	17.124	2393	2397	2401	rVB5	14127	22426	1.61%	0.129%
50	17.195	2404	2409	2415	rBV2	27025	51397	3.69%	0.296%
51	17.283	2419	2424	2431	rVB2	30930	57459	4.12%	0.331%
52	17.465	2449	2455	2458	rBV	278915	424208	30.44%	2.443%
53	17.506	2458	2462	2467	rVV	439232	654286	46.96%	3.768%
54	17.565	2467	2472	2475	rVV	365290	556789	39.96%	3.207%
55	17.594	2475	2477	2482	rVV	136330	178236	12.79%	1.026%
56	17.647	2482	2486	2492	rVB5	17043	33918	2.43%	0.195%
57	17.730	2497	2500	2504	rBV5	5537	9163	0.66%	0.053%
58	17.871	2520	2524	2526	rBV3	9343	13237	0.95%	0.076%
59	17.982	2540	2543	2546	rVB2	15253	16986	1.22%	0.098%
60	18.053	2551	2555	2562	rVB6	9694	17297	1.24%	0.100%
61	18.341	2599	2604	2608	rBV	109381	161104	11.56%	0.928%
62	18.388	2608	2612	2618	rVB	135226	198527	14.25%	1.143%
63	18.470	2620	2626	2631	rBV	82879	123291	8.85%	0.710%
64	18.540	2631	2638	2642	rBV2	145812	284982	20.45%	1.641%
65	18.640	2652	2655	2659	rBV5	5713	8839	0.63%	0.051%
66	18.775	2675	2678	2683	rBV6	8168	14432	1.04%	0.083%
67	18.834	2683	2688	2694	rVB	85959	117418	8.43%	0.676%
68	19.081	2726	2730	2734	rBV2	21495	27235	1.95%	0.157%
69	19.134	2735	2739	2741	rBV	26036	29894	2.15%	0.172%
70	19.169	2742	2745	2749	rVB2	23242	28755	2.06%	0.166%
71	19.245	2753	2758	2763	rBV2	63825	118304	8.49%	0.681%
72	19.386	2779	2782	2784	rBV2	19865	25955	1.86%	0.149%
73	19.516	2798	2804	2810	rBV	961106	1393419	100.00%	8.025%
74	19.574	2810	2814	2817	rVB3	18227	23277	1.67%	0.134%
75	19.616	2817	2821	2824	rVB5	26905	38541	2.77%	0.222%
76	19.663	2824	2829	2834	rBV	94208	153093	10.99%	0.882%

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Misc :
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Instrument : BNA_G
ClientSampleId : BGED1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	19.851	2854	2861	2863	rBV2	512539	846168	60.73%	4.873%
78	19.880	2863	2866	2873	rVV	584496	828246	59.44%	4.770%
79	19.945	2873	2877	2884	rVB3	64723	107770	7.73%	0.621%
80	20.050	2891	2895	2901	rVB	72900	115951	8.32%	0.668%
81	20.197	2914	2920	2927	rBV6	71734	189451	13.60%	1.091%
82	20.332	2938	2943	2944	rBV2	53926	80922	5.81%	0.466%
83	20.368	2945	2949	2955	rVB	222322	324628	23.30%	1.870%
84	20.468	2961	2966	2970	rBV	207872	286611	20.57%	1.651%
85	20.526	2970	2976	2980	rVB2	82131	160994	11.55%	0.927%
86	20.609	2987	2990	2995	rVB4	21270	35391	2.54%	0.204%
87	20.667	2997	3000	3003	rVV	44146	60510	4.34%	0.348%
88	20.708	3005	3007	3016	rVB2	64082	114376	8.21%	0.659%
89	20.820	3022	3026	3031	rVB3	125583	155028	11.13%	0.893%
90	21.319	3108	3111	3115	rBV	50418	67116	4.82%	0.387%
91	21.366	3115	3119	3124	rVV3	73473	116382	8.35%	0.670%
92	21.413	3124	3127	3133	rVB4	49417	80842	5.80%	0.466%
93	21.731	3175	3181	3188	rBV2	543130	1336548	95.92%	7.697%
94	21.795	3188	3192	3200	rVB	322085	564802	40.53%	3.253%
95	21.954	3214	3219	3224	rBV2	44679	83358	5.98%	0.480%
96	22.019	3226	3230	3235	rVB3	55073	97362	6.99%	0.561%
97	23.999	3557	3567	3574	rBV3	212851	773317	55.50%	4.454%
98	24.257	3604	3611	3622	rVB3	63928	174877	12.55%	1.007%
99	24.809	3700	3705	3712	rVB3	101753	221107	15.87%	1.273%
100	25.045	3737	3745	3756	rVB2	152151	416081	29.86%	2.396%

Sum of corrected areas: 17363481

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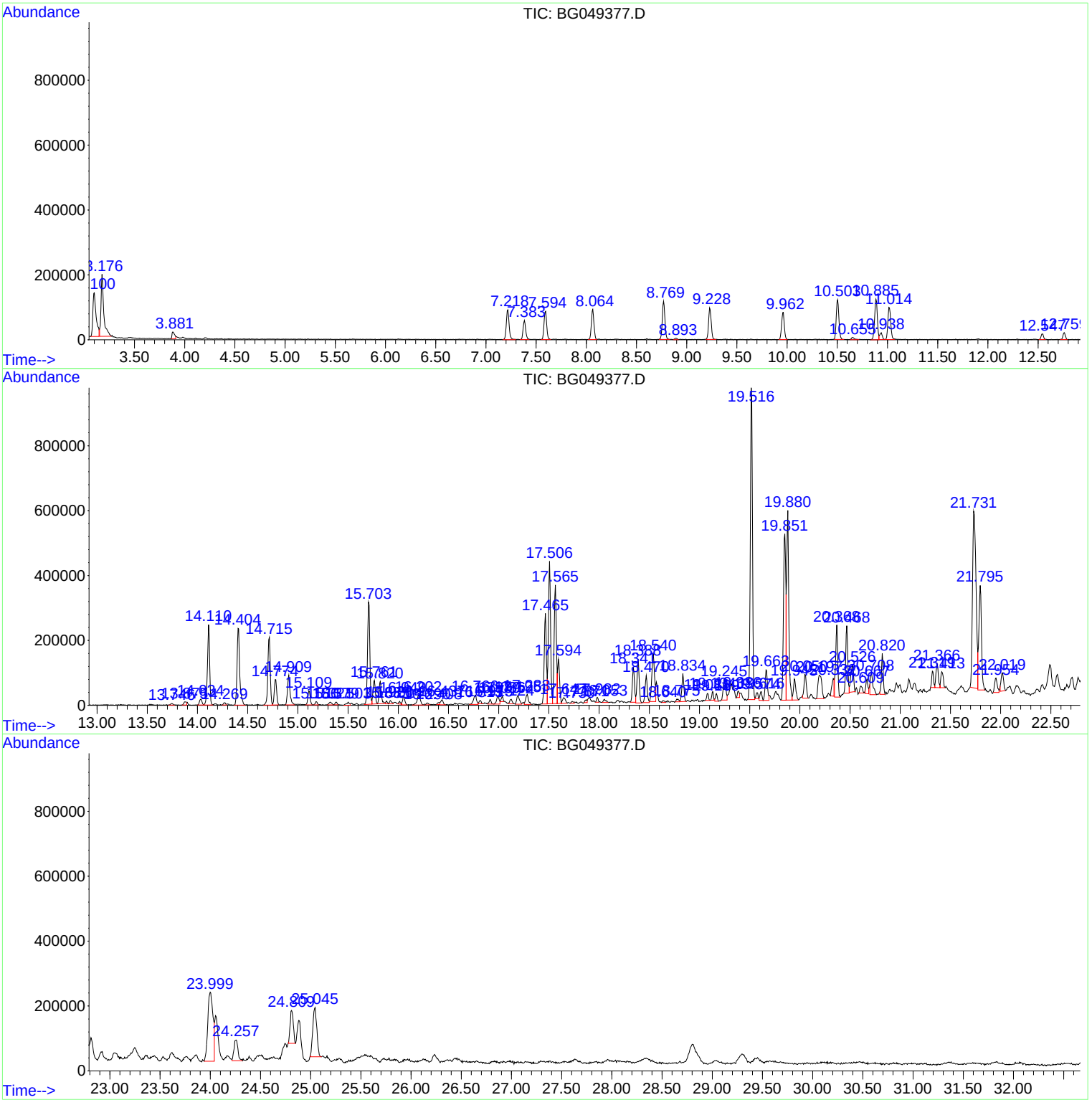
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGED1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

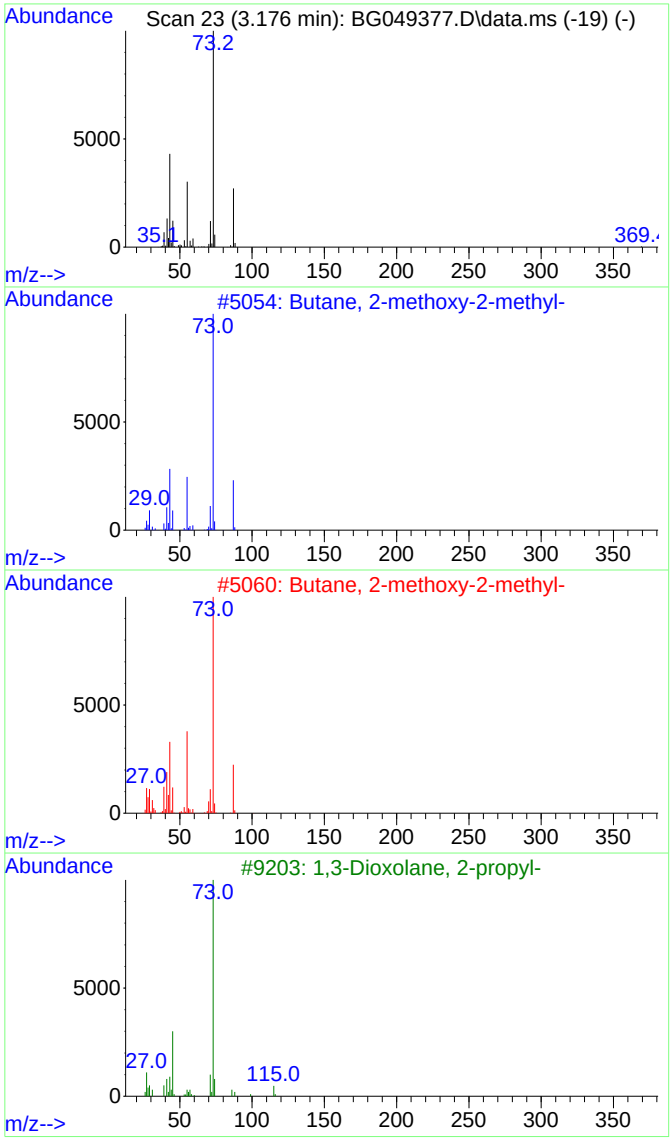
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

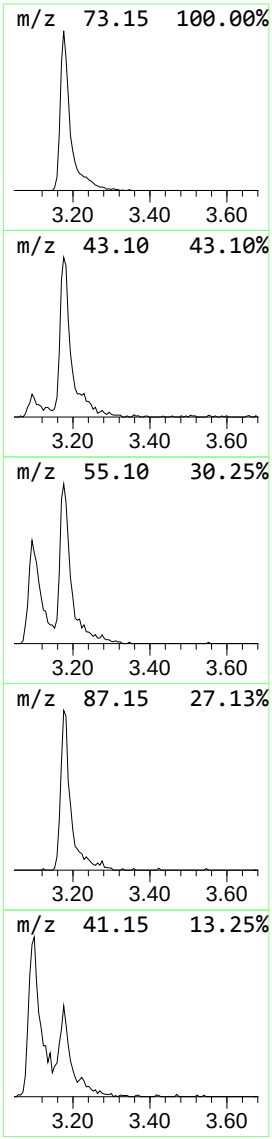
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.180	43.37 ng/ul	361304	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	47
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049377.D
Acq On : 16 Jul 2021 14:02
Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

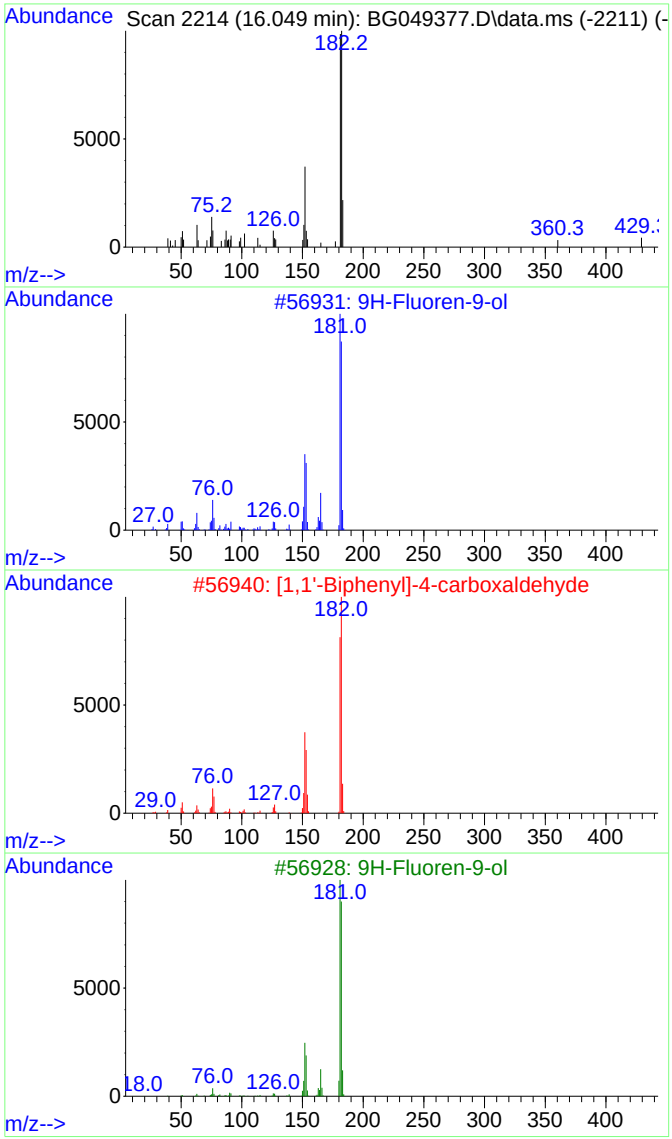
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

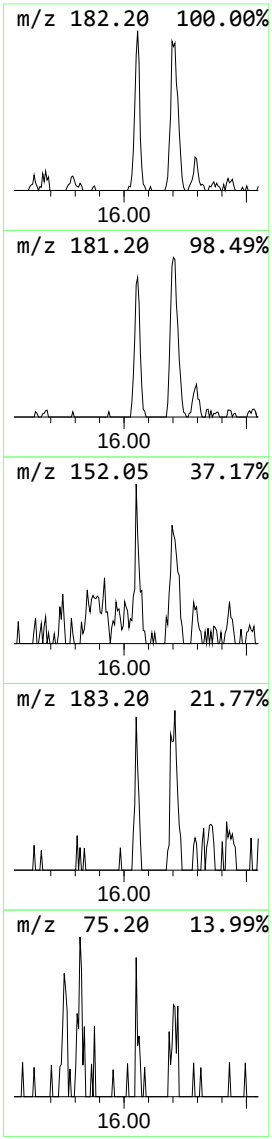
****

Peak Number 3 9H-Fluoren-9-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.050	2.46 ng/ul	42245	Acenaphthene-d10	14.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	58
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049377.D
Acq On : 16 Jul 2021 14:02
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

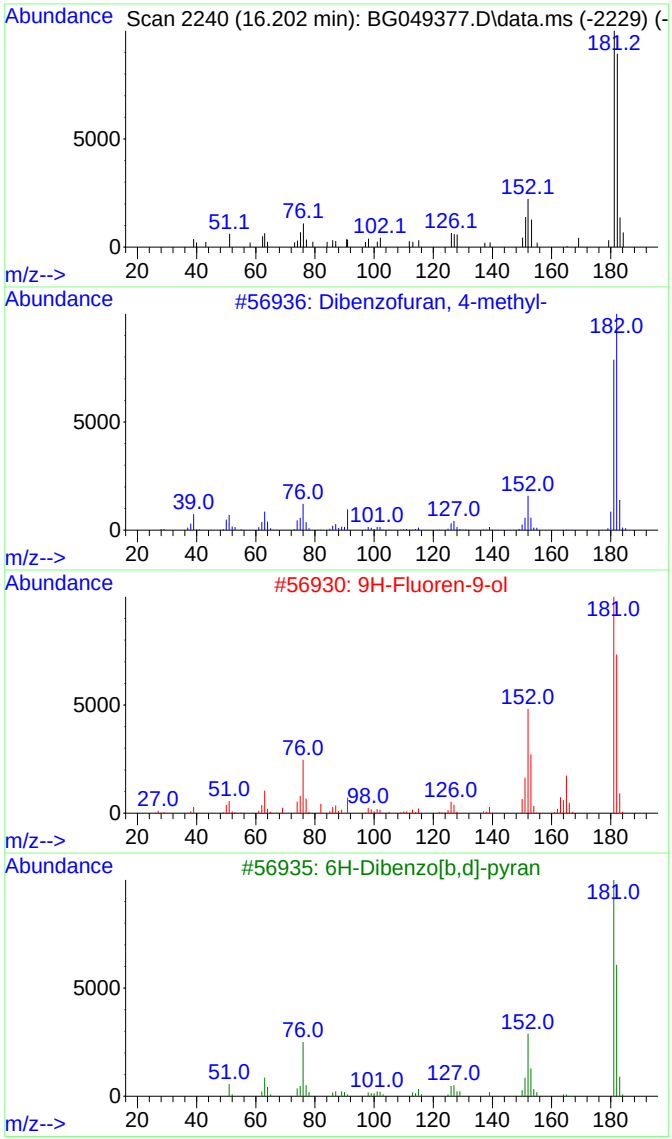
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

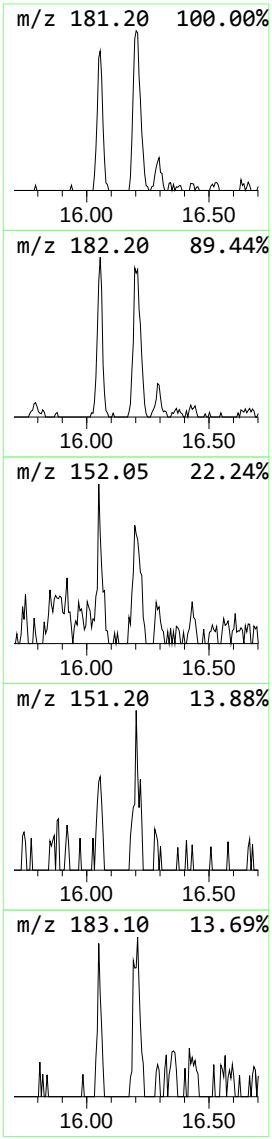
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.200	3.19 ng/ul	67650	Phenanthrene-d10	17.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
3	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	90
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	72





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Misc :
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Instrument : BNA_G
ClientSampleId : BGED1

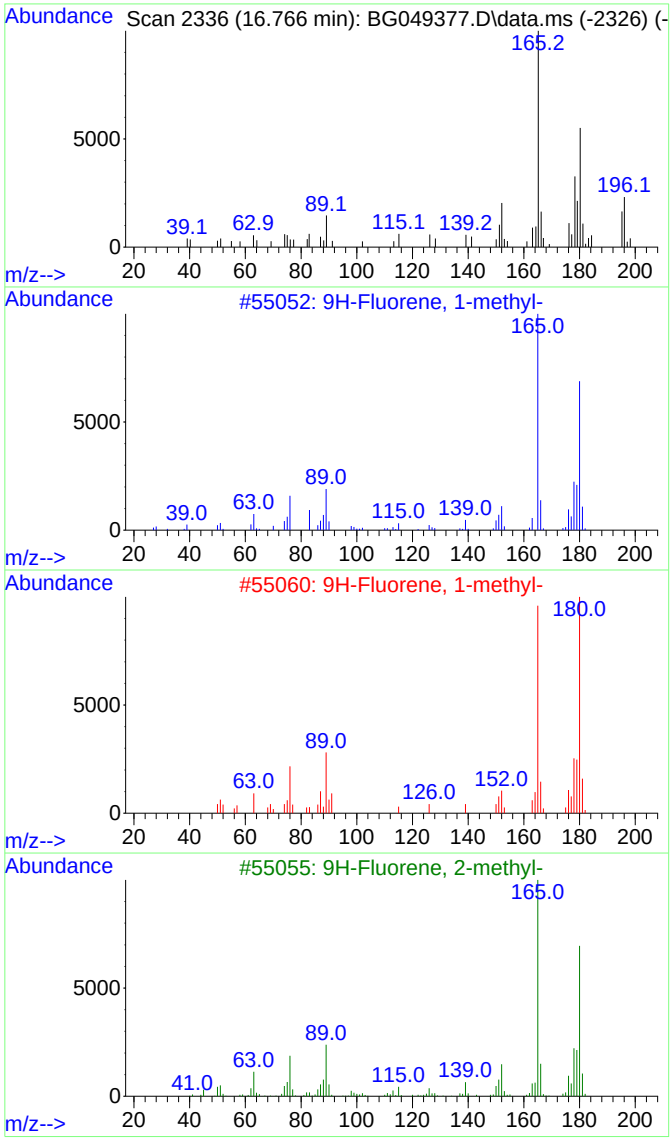
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

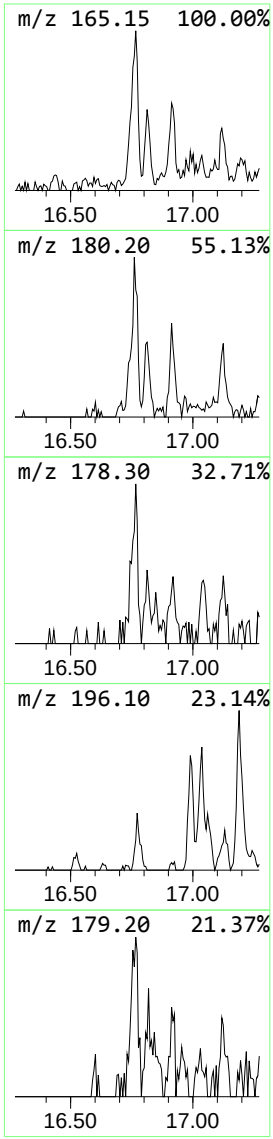
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.770	2.90 ng/ul	61531	Phenanthrene-d10	17.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049377.D
Acq On : 16 Jul 2021 14:02
Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

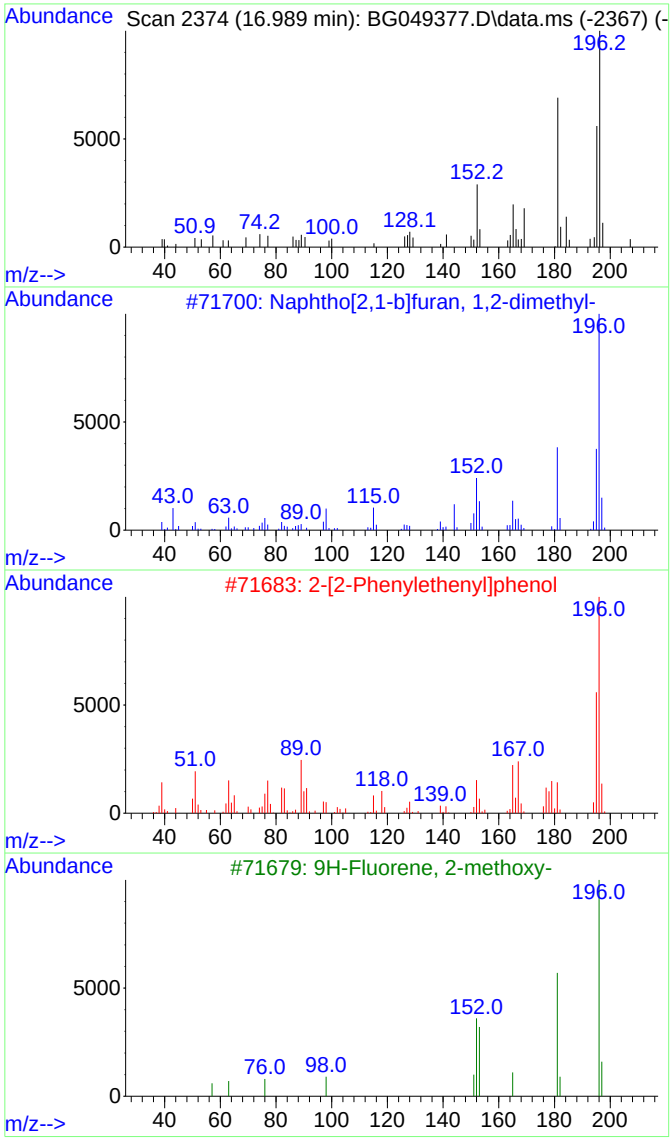
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

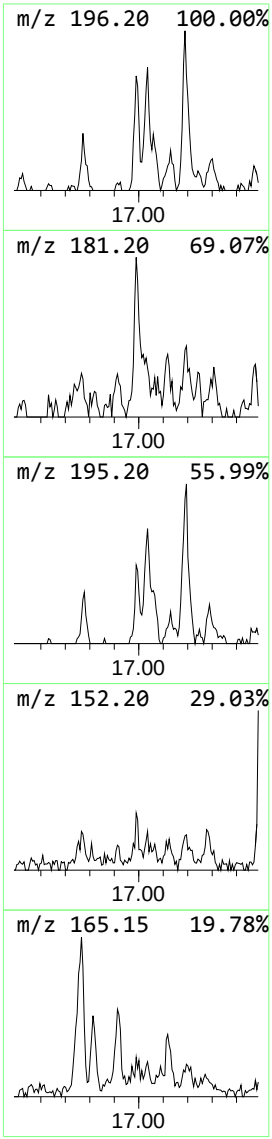
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.990	2.12 ng/ul	44871	Phenanthrene-d10	17.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	87
2	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	62
3	9H-Fluorene, 2-methoxy-	196	C14H12O	002523-46-8	50
4	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	49
5	Benzene, 2,6-dimethyl-1-(phenylm...	196	C15H16	028122-29-4	49





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Acq On : 16 Jul 2021 14:02
Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

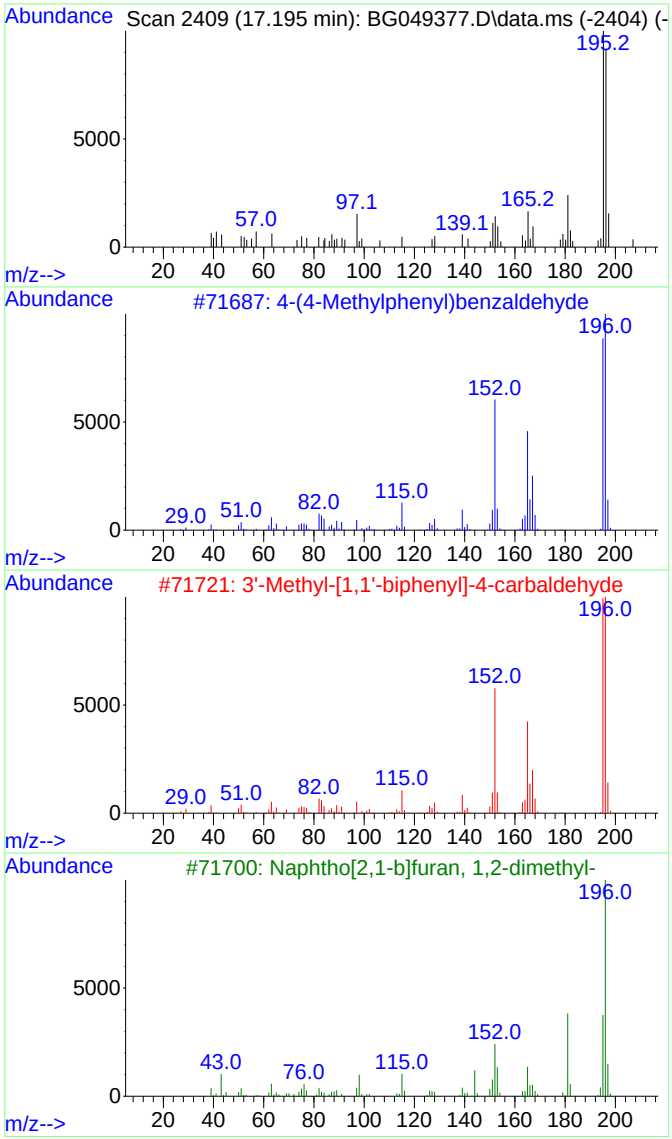
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

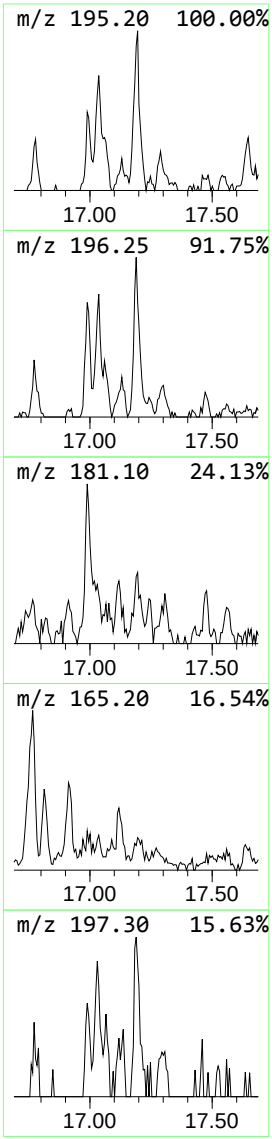
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4-(4-Methylphenyl)benzaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.190	2.42 ng/ul	51397	Phenanthrene-d10	17.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	72
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	68
3	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	58
4	3-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	078561-97-4	58
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	53





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Acq On : 16 Jul 2021 14:02
Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGED1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

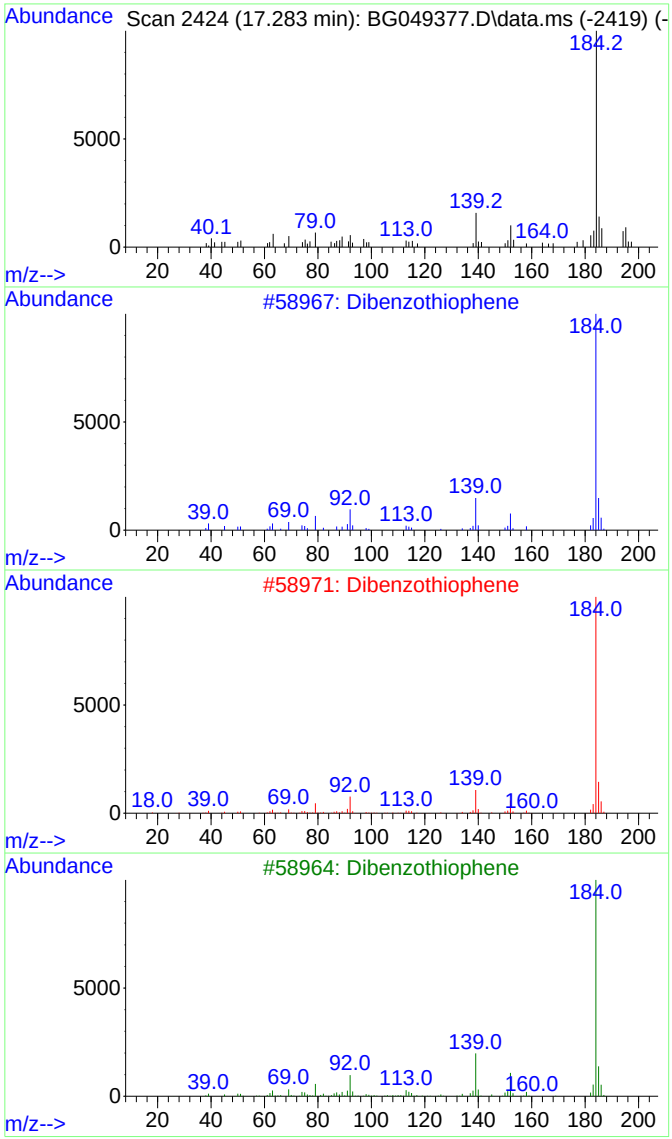
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

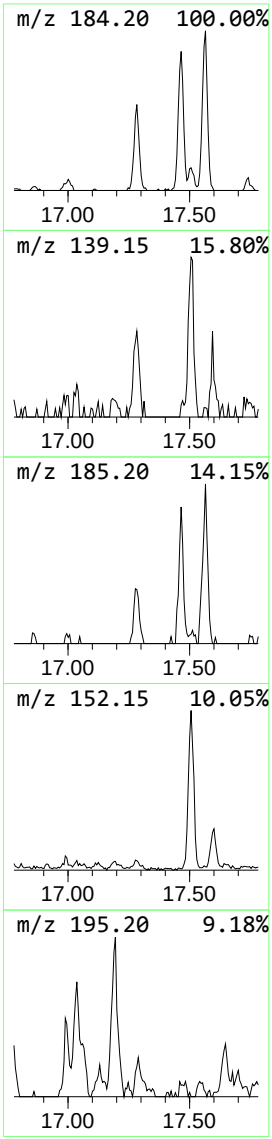
****

Peak Number 8 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.280	2.71 ng/ul	57459	Phenanthrene-d10	17.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	91
2	Dibenzothiophene	184	C12H8S	000132-65-0	87
3	Dibenzothiophene	184	C12H8S	000132-65-0	87
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
5	Dibenzothiophene	184	C12H8S	000132-65-0	87





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Acq On : 16 Jul 2021 14:02
Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

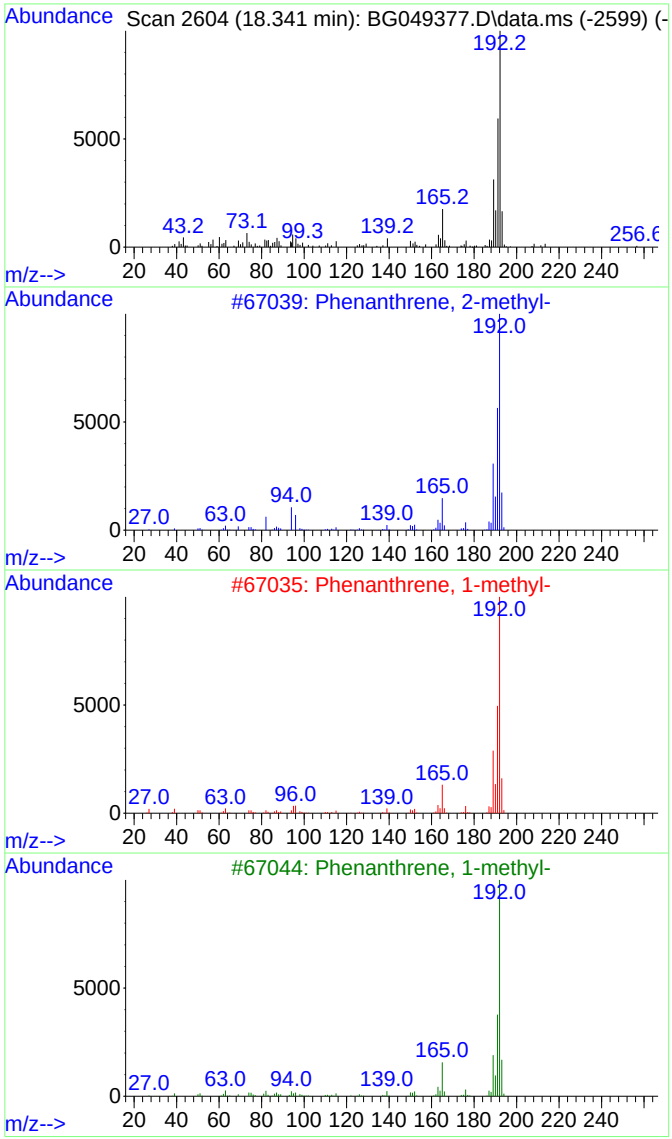
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

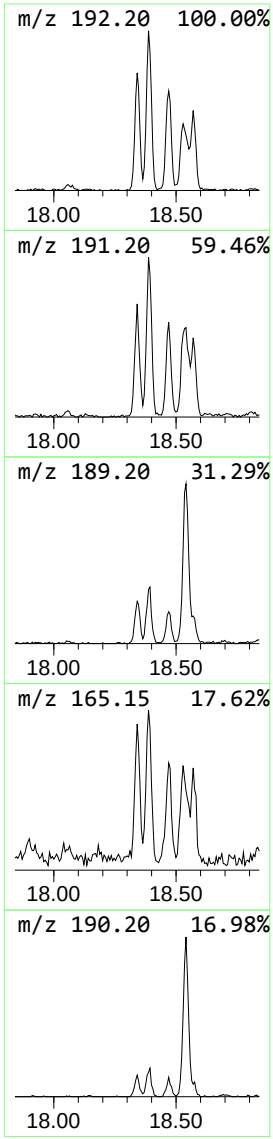
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.340	7.60 ng/ul	161104	Phenanthrene-d10	17.465

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





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Acq On : 16 Jul 2021 14:02
Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGED1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

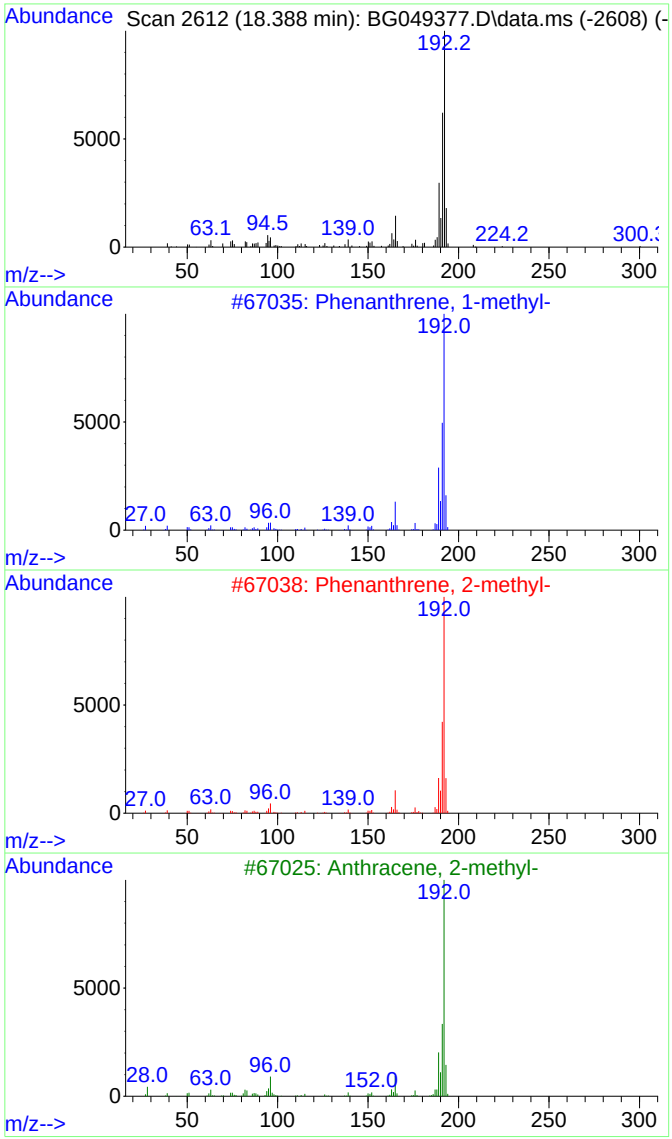
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

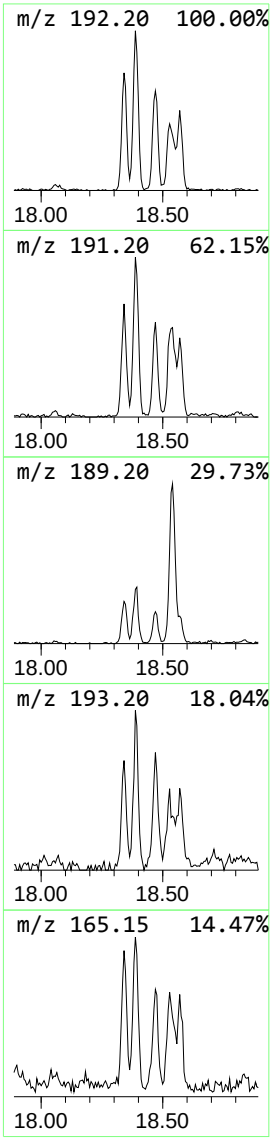
****

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.390	9.36 ng/ul	198527	Phenanthrene-d10	17.465

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Acq On : 16 Jul 2021 14:02
Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

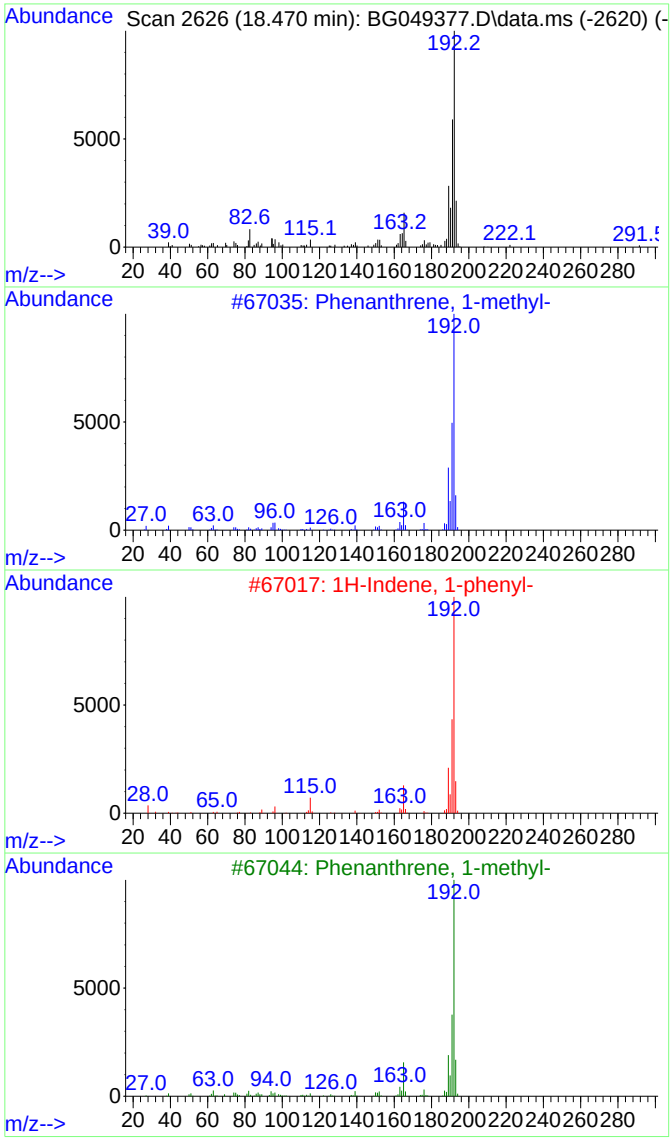
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

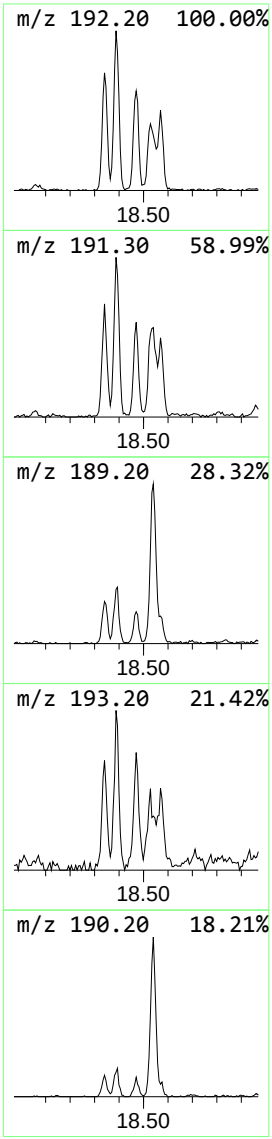
****

Peak Number 11 1H-Indene, 1-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.470	5.81 ng/ul	123291	Phenanthrene-d10	17.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Acq On : 16 Jul 2021 14:02
Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

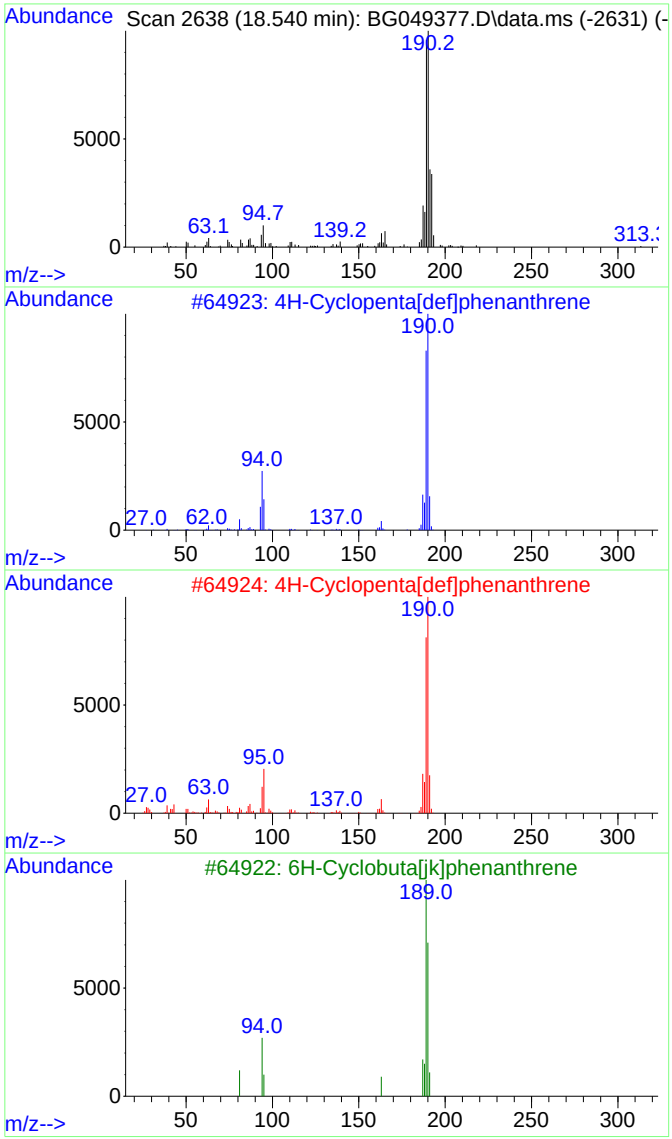
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

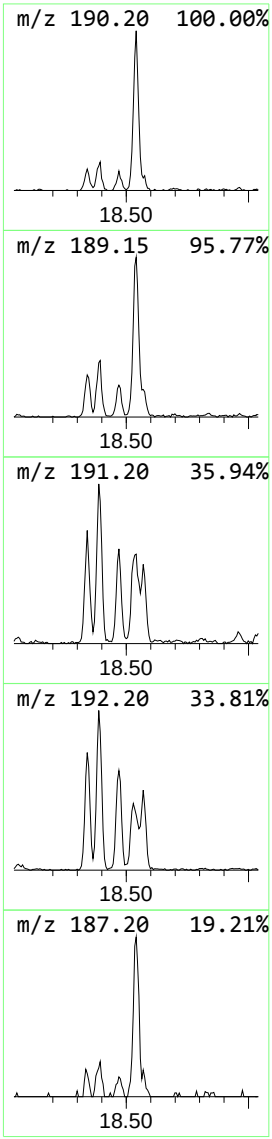
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.540	13.44 ng/ul	284982	Phenanthrene-d10	17.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50





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Acq On : 16 Jul 2021 14:02
Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGED1

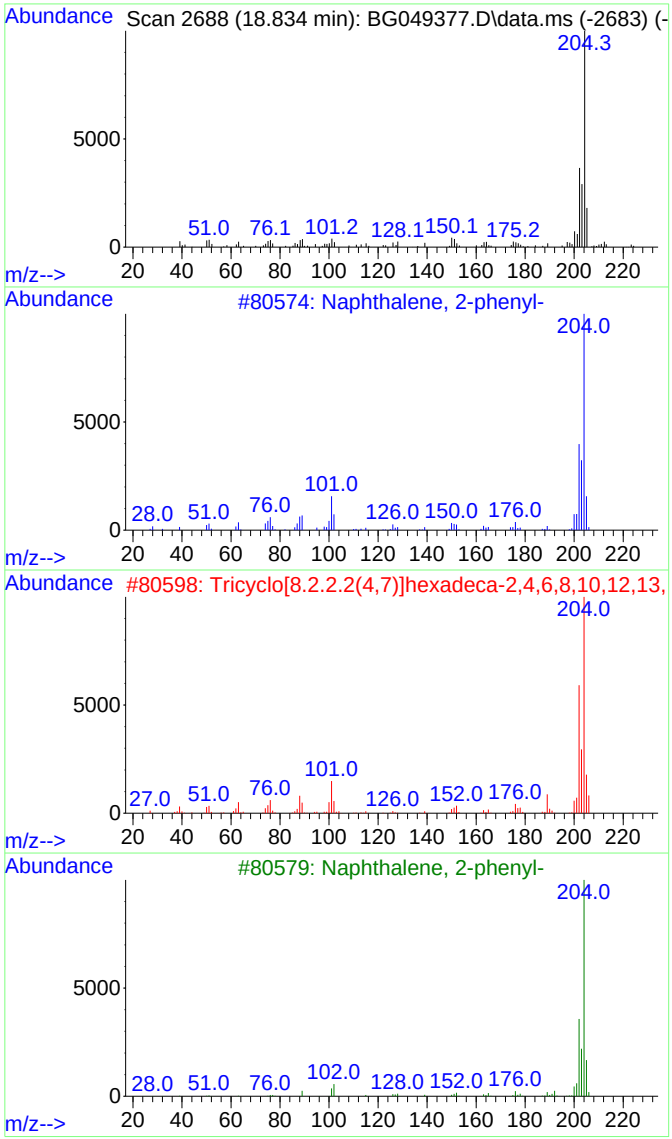
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

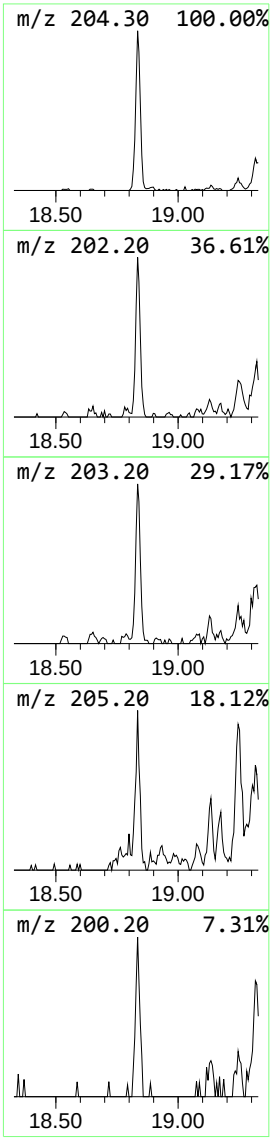
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.830	5.54 ng/ul	117418	Phenanthrene-d10	17.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	72
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68





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Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

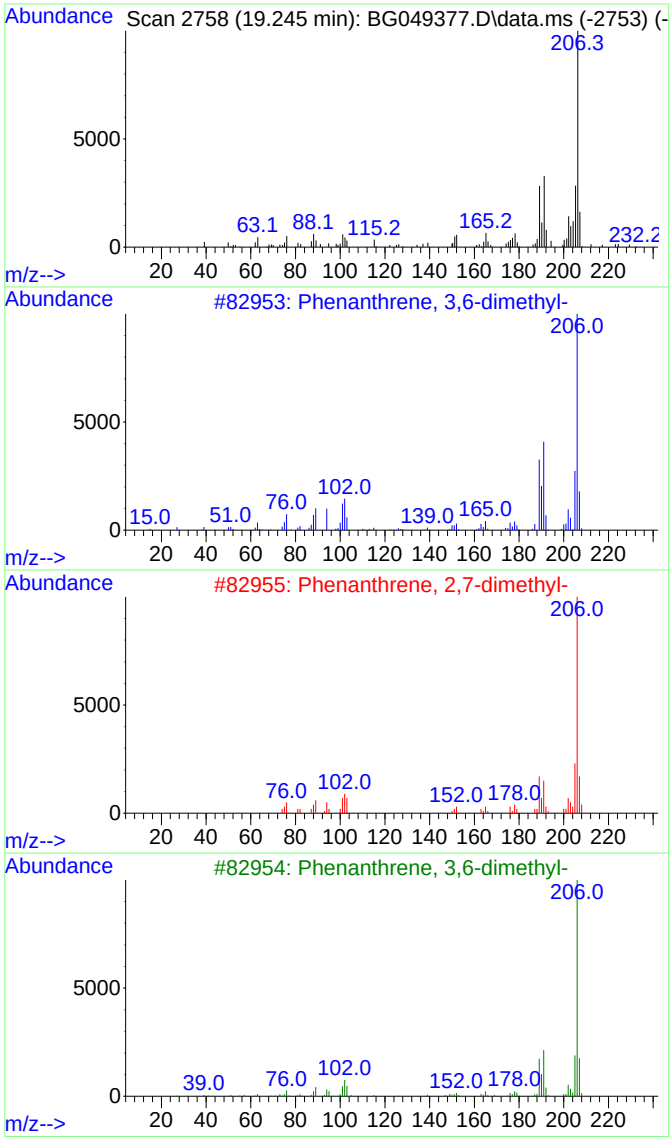
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

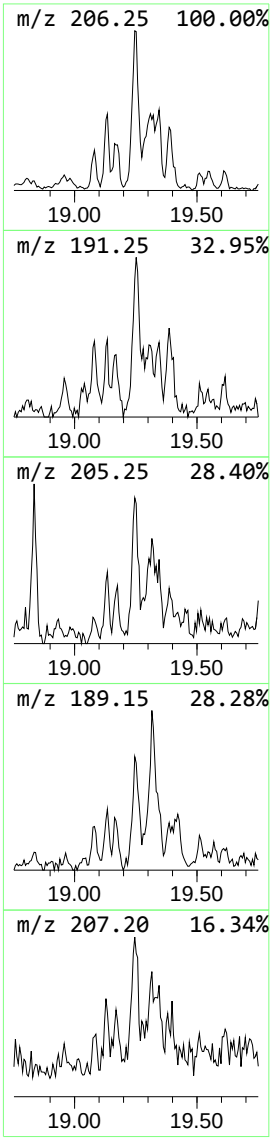
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.250	5.58 ng/ul	118304	Phenanthrene-d10	17.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

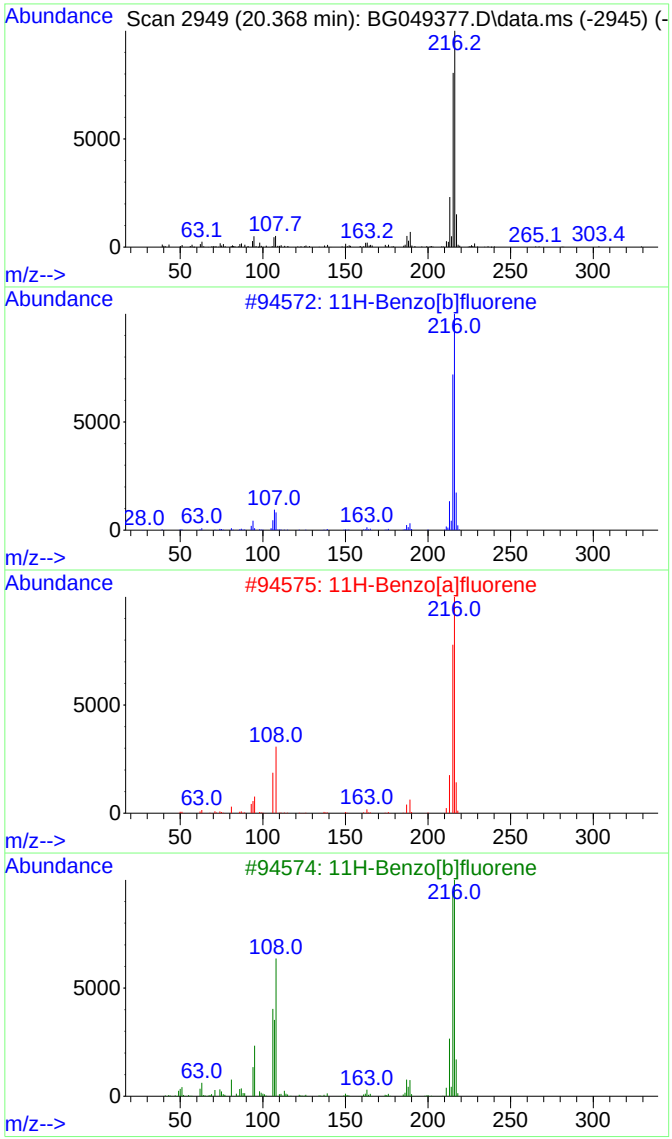
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

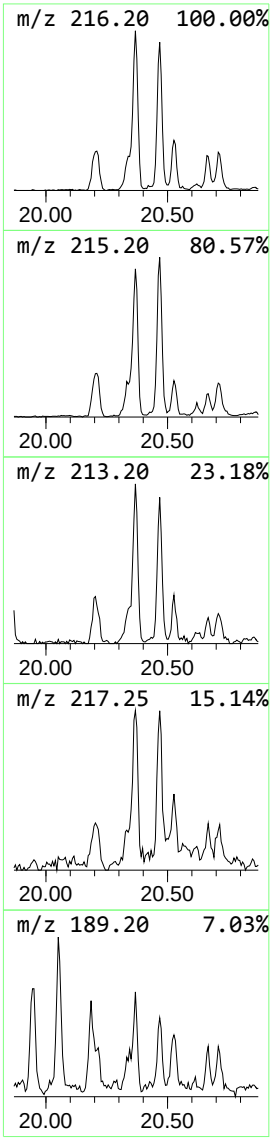
****

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.370	4.86 ng/ul	324628	Chrysene-d12	21.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

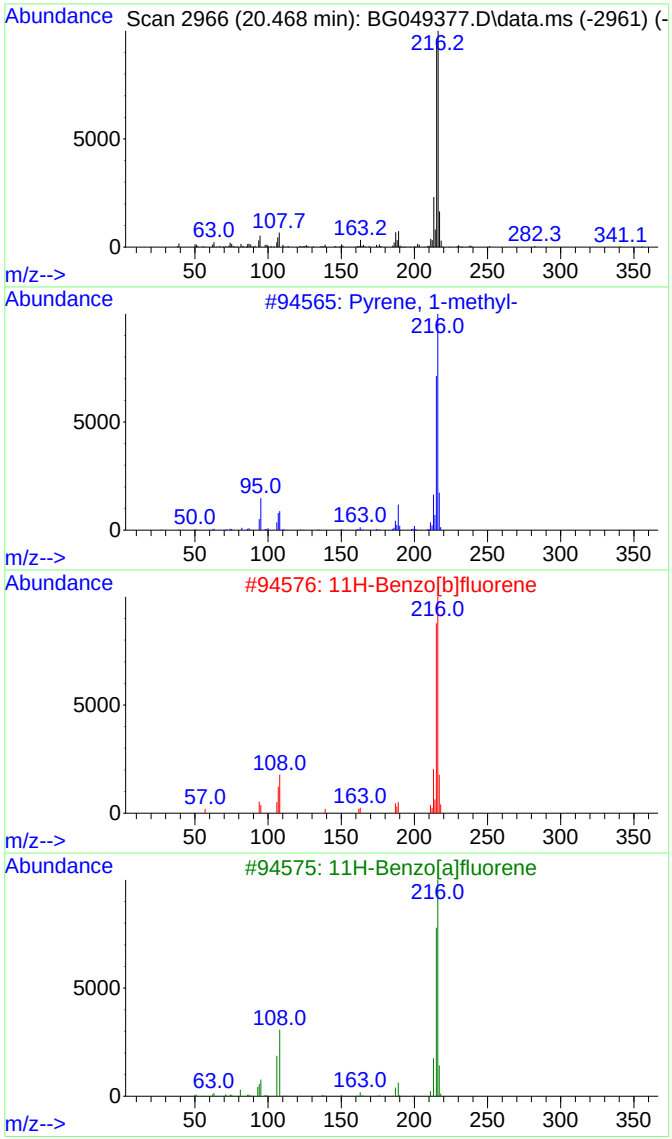
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

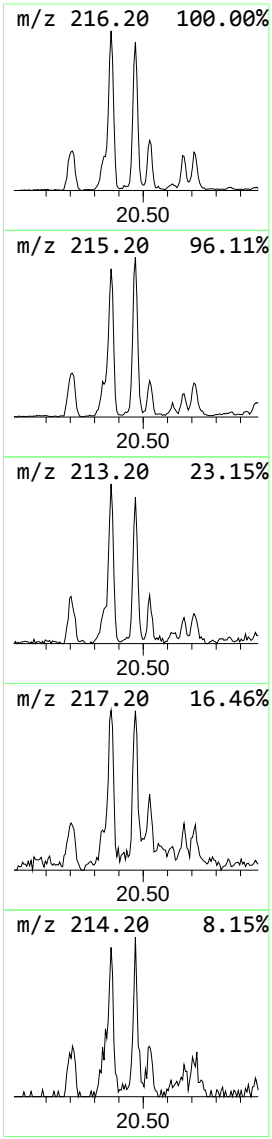
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.470	4.29 ng/ul	286611	Chrysene-d12	21.748

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





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Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.530	2.41 ng/ul	160994	Chrysene-d12	21.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74
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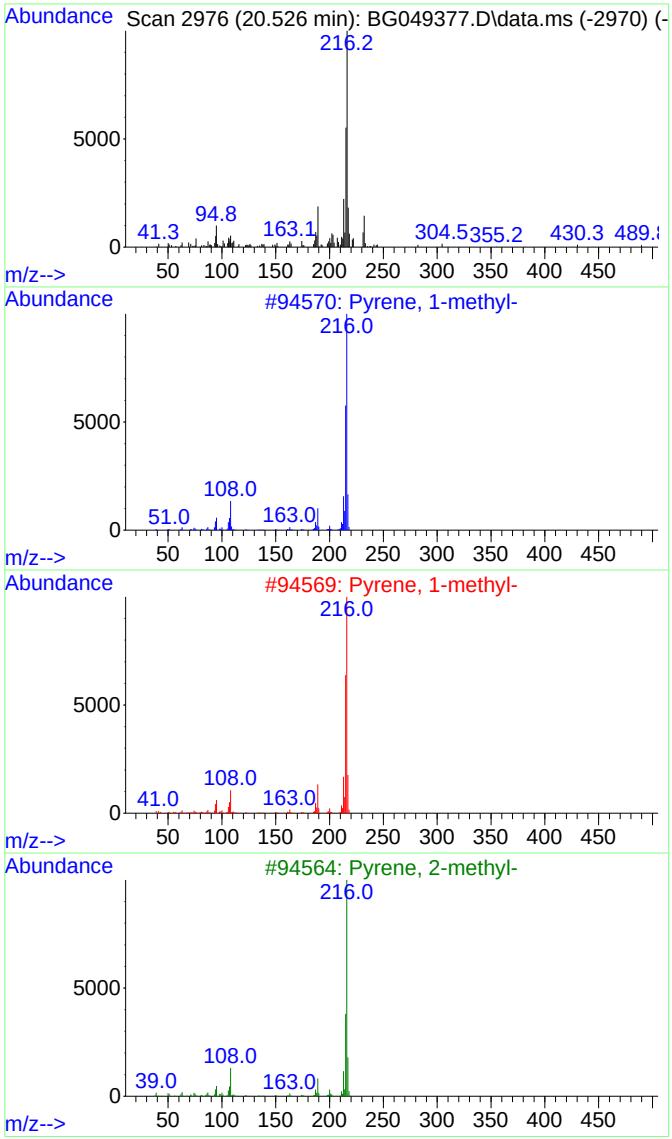
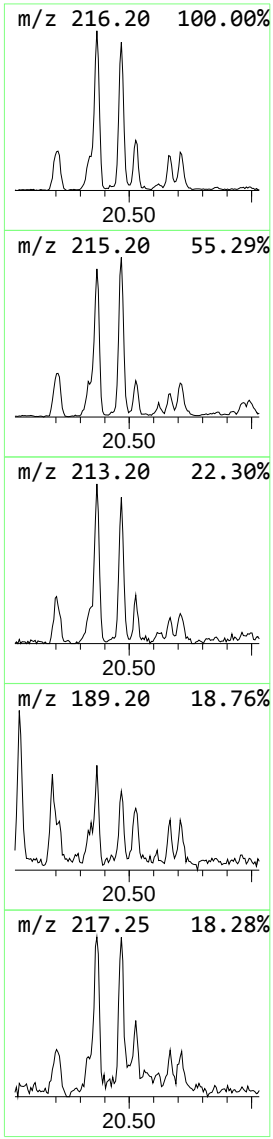
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70





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Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

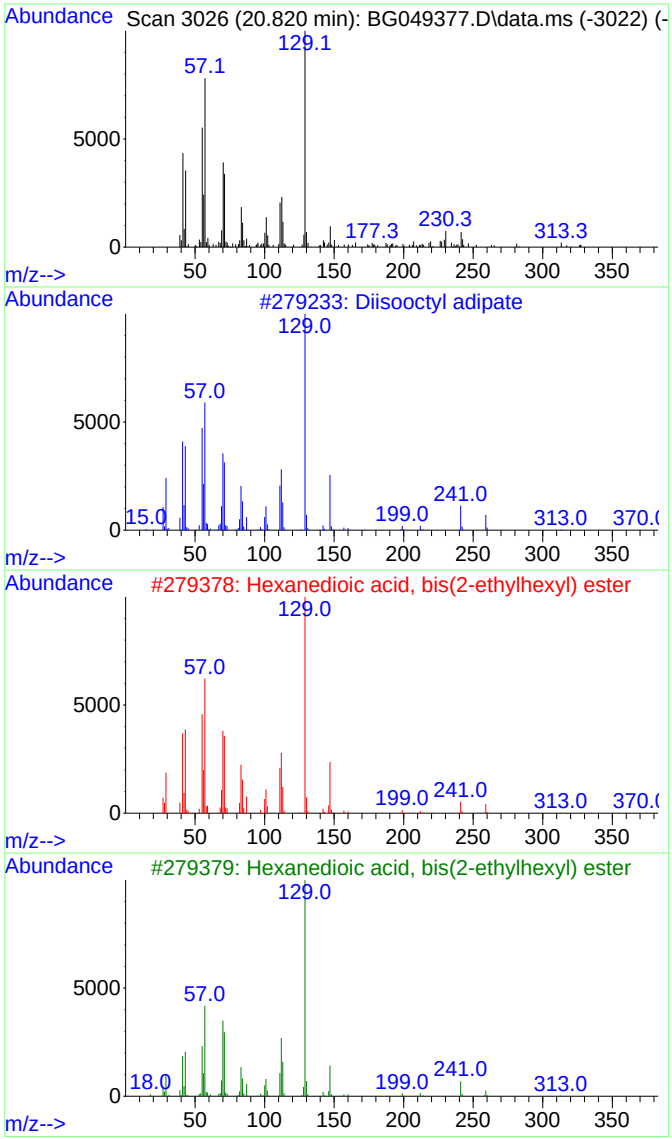
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

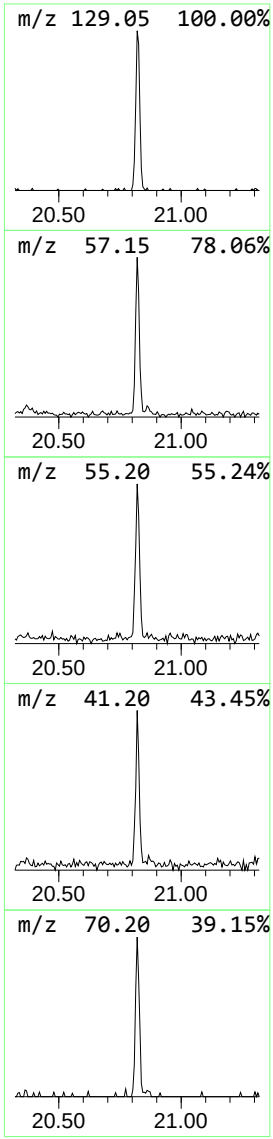
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Diisooctyl adipate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.820	2.32 ng/ul	155028	Chrysene-d12	21.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	86
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	62
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049377.D
Acq On : 16 Jul 2021 14:02
Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGED1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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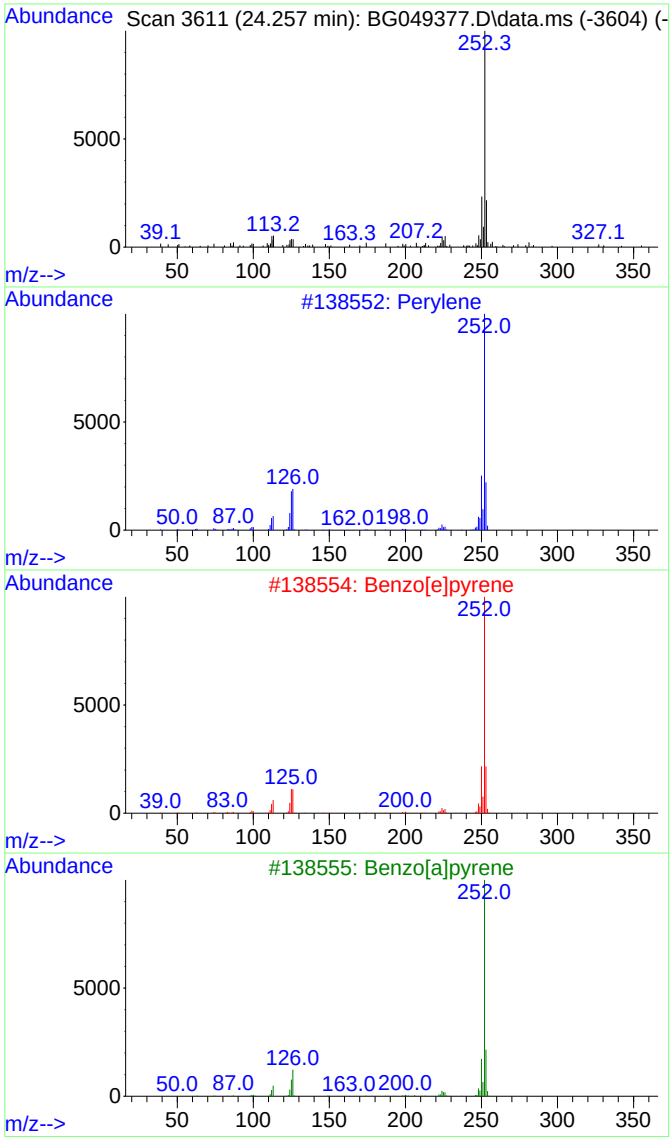
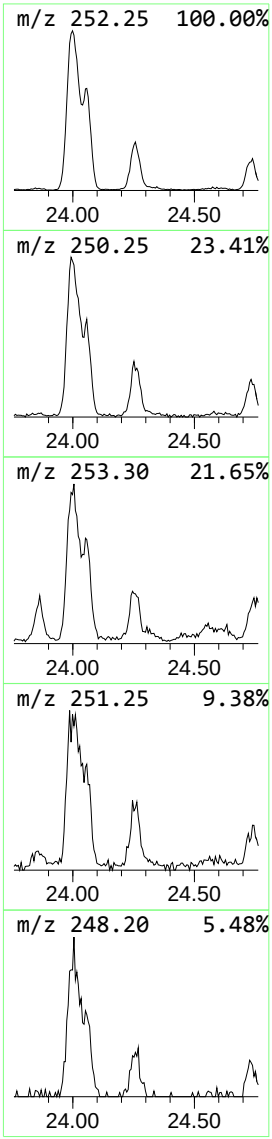
Peak Number 21 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.260	8.41 ng/ul	174877	Perylene-d12	25.044

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049377.D
Acq On : 16 Jul 2021 14:02
Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGED1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.180	43.4	ng/ul	361304	1	8.064	166628	20.0
9H-Fluoren-9-ol	16.050	2.5	ng/ul	42245	3	14.715	343130	20.0
Dibenzofuran, 4...	16.200	3.2	ng/ul	67650	4	17.465	424208	20.0
9H-Fluorene, 1-...	16.770	2.9	ng/ul	61531	4	17.465	424208	20.0
Naphtho[2,1-b]f...	16.990	2.1	ng/ul	44871	4	17.465	424208	20.0
4-(4-Methylphen...	17.190	2.4	ng/ul	51397	4	17.465	424208	20.0
Dibenzothiophene	17.280	2.7	ng/ul	57459	4	17.465	424208	20.0
Phenanthrene, 2...	18.340	7.6	ng/ul	161104	4	17.465	424208	20.0
Phenanthrene, 1...	18.390	9.4	ng/ul	198527	4	17.465	424208	20.0
1H-Indene, 1-ph...	18.470	5.8	ng/ul	123291	4	17.465	424208	20.0
4H-Cyclopenta[d...	18.540	13.4	ng/ul	284982	4	17.465	424208	20.0
Naphthalene, 2-...	18.830	5.5	ng/ul	117418	4	17.465	424208	20.0
Phenanthrene, 3...	19.250	5.6	ng/ul	118304	4	17.465	424208	20.0
11H-Benzo[b]flu...	20.370	4.9	ng/ul	324628	5	21.748	1336550	20.0
Pyrene, 1-methyl-	20.470	4.3	ng/ul	286611	5	21.748	1336550	20.0
Pyrene, 2-methyl-	20.530	2.4	ng/ul	160994	5	21.748	1336550	20.0
Diisooctyl adipate	20.820	2.3	ng/ul	155028	5	21.748	1336550	20.0
Perylene	24.260	8.4	ng/ul	174877	6	25.044	416081	20.0