LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049986.D
Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS2

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-BG081921.M
Title : SVOA CALIBRATION

Signal : TIC: BG049986.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.325	47	49	55	rVB4	3221	5197	0.75%	0.054%
2	3.765	121	124	133	rBV2	16433	30772	4.41%	0.321%
3	3.865	139	141	148	rVB5	6133	8831	1.27%	0.092%
4	3.989	158	162	170	rVV5	3938	7139	1.02%	0.075%
5	4.089	174	179	186	rBV3	3144	6064	0.87%	0.063%
6	5.581	429	433	439	rVB4	3873	5925	0.85%	0.062%
7	5.957	493	497	501	rVB3	4758	7434	1.07%	0.078%
8	7.143	690	699	706	rBV	61191	115566	16.58%	1.207%
9	7.290	718	724	731	rVV	44945	78667	11.29%	0.822%
10	7.502	753	760	769	rVB	66585	116795	16.76%	1.220%
11	7.966	831	839	849	rVB	103420	180584	25.91%	1.886%
12	8.688	956	962	970	rBV2	66410	123174	17.67%	1.286%
13	9.141	1032	1039	1046	rVV2	68731	122615	17.59%	1.281%
14	9.869	1154	1163	1171	rBV2	63746	118731	17.03%	1.240%
15	10.421	1251	1257	1268	rBV	87420	157628	22.61%	1.646%
16	10.556	1275	1280	1286	rBV4	13405	28006	4.02%	0.292%
17	10.785	1308	1319	1326	rVV	137678	253885	36.42%	2.652%
18	10.838	1326	1328	1334	rVV3	11602	14925	2.14%	0.156%
19	10.926	1337	1343	1357	rBV3	61102	117469	16.85%	1.227%
20	12.454	1598	1603	1608	rVB	13177	21202	3.04%	0.221%
21	12.665	1635	1639	1647	rVB2	12806	21415	3.07%	0.224%
22	13.435	1767	1770	1773	rBV4	5100	6686	0.96%	0.070%
23	13.787	1826	1830	1832	rBV3	5701	8209	1.18%	0.086%
24	13.952	1851	1858	1863	rBV4	11206	21839	3.13%	0.228%
25	14.028	1863	1871	1877	rVV	171629	259681	37.25%	2.712%
26	14.093	1877	1882	1885	rVV5	3658	5708	0.82%	0.060%
27	14.187	1892	1898	1901	rBV4	5972	11087	1.59%	0.116%
28	14.322	1914	1921	1936	rVB	171917	310732	44.58%	3.245%
29	14.510	1949	1953	1956	rBV3	4827	6907	0.99%	0.072%
30	14.627	1964	1973	1980	rBV2	210176	325729	46.73%	3.402%
31	14.856	2004	2012	2020	rBV4	39111	81740	11.73%	0.854%
32	15.027	2037	2041	2048	rVB3	15224	26570	3.81%	0.278%
33	15.103	2050	2054	2060	rVV	4745	6455	0.93%	0.067%
34	15.244	2072	2078	2083	rBV3	5029	8115	1.16%	0.085%
35	15.291	2083	2086	2092	rVB2	4402	6864	0.98%	0.072%
36	15.409	2101	2106	2111	rBV3	5254	12057	1.73%	0.126%

LSC Area Percent Report

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Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS2

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-BG081921.M
Title : SVOA CALIBRATION

37	15.461	2111	2115	2119	rVB4	7729	9438	1.35%	0.099%
38	15.620	2135	2142	2148	rBV	224860	343585	49.29%	3.588%
39	15.673	2148	2151	2158	rVB3	15346	23196	3.33%	0.242%
40	15.755	2160	2165	2171	rBV2	59981	89663	12.86%	0.936%
41	15.972	2194	2202	2207	rBV	10922	19702	2.83%	0.206%
42	16.119	2222	2227	2232	rBV3	12153	19510	2.80%	0.204%
43	16.325	2258	2262	2263	rBV	13084	14397	2.07%	0.150%
44	16.677	2319	2322	2326	rBV4	4391	6291	0.90%	0.066%
45	16.730	2329	2331	2337	rVB5	4397	5115	0.73%	0.053%
46	16.918	2355	2363	2365	rBV3	10028	17932	2.57%	0.187%
47	16.948	2366	2368	2372	rVB5	5836	6633	0.95%	0.069%
48	17.036	2379	2383	2388	rVB2	28863	40440	5.80%	0.422%
49	17.118	2391	2397	2402	rBV3	12561	22606	3.24%	0.236%
50	17.200	2407	2411	2420	rVB	14305	24797	3.56%	0.259%
51	17.282	2420	2425	2430	rBV5	2927	5469	0.78%	0.057%
52	17.382	2436	2442	2445	rBV	236328	352053	50.51%	3.677%
53	17.423	2445	2449	2454	rVB	283988	400838	57.51%	4.186%
54	17.482	2454	2459	2464	rBV	211377	303284	43.51%	3.168%
55	17.700	2492	2496	2502	rVB3	4890	9715	1.39%	0.101%
56	17.788	2502	2511	2514	rBV2	20024	37004	5.31%	0.386%
57	17.858	2519	2523	2526	rVB4	8135	11880	1.70%	0.124%
58	17.893	2526	2529	2535	rVB2	8580	13704	1.97%	0.143%
59	17.970	2537	2542	2545	rVB3	9859	15421	2.21%	0.161%
60	18.034	2549	2553	2556	rVB4	6095	7042	1.01%	0.074%
61	18.070	2556	2559	2561	rBV3	4936	4590	0.66%	0.048%
62	18.187	2575	2579	2581	rBV2	6818	7447	1.07%	0.078%
63	18.258	2586	2591	2595	rBV	51355	76062	10.91%	0.794%
64	18.310	2595	2600	2605	rVB	63341	96461	13.84%	1.007%
65	18.393	2611	2614	2618	rBV2	5432	6280	0.90%	0.066%
66	18.451	2618	2624	2628	rVV4	54052	97588	14.00%	1.019%
67	18.493	2628	2631	2636	rVB	38949	54739	7.85%	0.572%
68	18.557	2636	2642	2647	rBV6	13103	26058	3.74%	0.272%
69	18.598	2647	2649	2654	rVB3	5955	8186	1.17%	0.085%
70	18.657	2654	2659	2661	rBV6	5036	9031	1.30%	0.094%
71	18.757	2671	2676	2679	rBV	40278	54542	7.82%	0.570%
72	18.804	2679	2684	2689	rVB2	74167	104335	14.97%	1.090%
73	19.004	2708	2718	2722	rBV8	11326	27541	3.95%	0.288%
74	19.051	2723	2726	2730	rVV3	13137	17355	2.49%	0.181%
75	19.092	2730	2733	2736	rVB4	11531	13068	1.87%	0.136%
76	19.174	2742	2747	2754	rBV4	35827	73107	10.49%	0.764%

LSC Area Percent Report

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Data File : BG049986.D
Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Title : SVOA CALIBRATION

77	19.315	2766	2771	2780	rVB2	45207	82258	11.80%	0.859%
78	19.438	2786	2792	2798	rVB	503825	697044	100.00%	7.280%
79	19.491	2798	2801	2805	rBV3	10250	16530	2.37%	0.173%
80	19.532	2805	2808	2813	rVB7	16252	22216	3.19%	0.232%
81	19.585	2813	2817	2820	rBV	20957	28077	4.03%	0.293%
82	19.632	2823	2825	2829	rVB3	15991	22002	3.16%	0.230%
83	19.773	2842	2849	2851	rBV2	309878	499073	71.60%	5.212%
84	19.803	2851	2854	2860	rVB	381069	508092	72.89%	5.307%
85	19.867	2861	2865	2872	rVB	30183	50865	7.30%	0.531%
86	19.979	2880	2884	2890	rVB	26361	40468	5.81%	0.423%
87	20.032	2890	2893	2901	rVB4	17506	30877	4.43%	0.322%
88	20.120	2903	2908	2915	rBV4	31653	79017	11.34%	0.825%
89	20.255	2925	2931	2933	rBV5	33233	55824	8.01%	0.583%
90	20.290	2934	2937	2943	rVB2	53193	75947	10.90%	0.793%
91	20.390	2950	2954	2957	rBV2	19938	22529	3.23%	0.235%
92	20.449	2958	2964	2968	rVB3	40336	77187	11.07%	0.806%
93	20.590	2985	2988	2991	rBV	19553	23294	3.34%	0.243%
94	21.054	3063	3067	3073	rVB	68986	98088	14.07%	1.024%
95	21.277	3102	3105	3109	rBV2	35969	52609	7.55%	0.549%
96	21.647	3161	3168	3173	rBV3	266693	642471	92.17%	6.710%
97	21.700	3173	3177	3189	rVB	200457	362220	51.97%	3.783%
98	23.862	3536	3545	3550	rBV2	132815	412289	59.15%	4.306%
99	24.655	3676	3680	3687	rVB3	90427	189519	27.19%	1.979%
100	24.878	3711	3718	3727	rVB	130282	369697	53.04%	3.861%

Sum of corrected areas: 9574701

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
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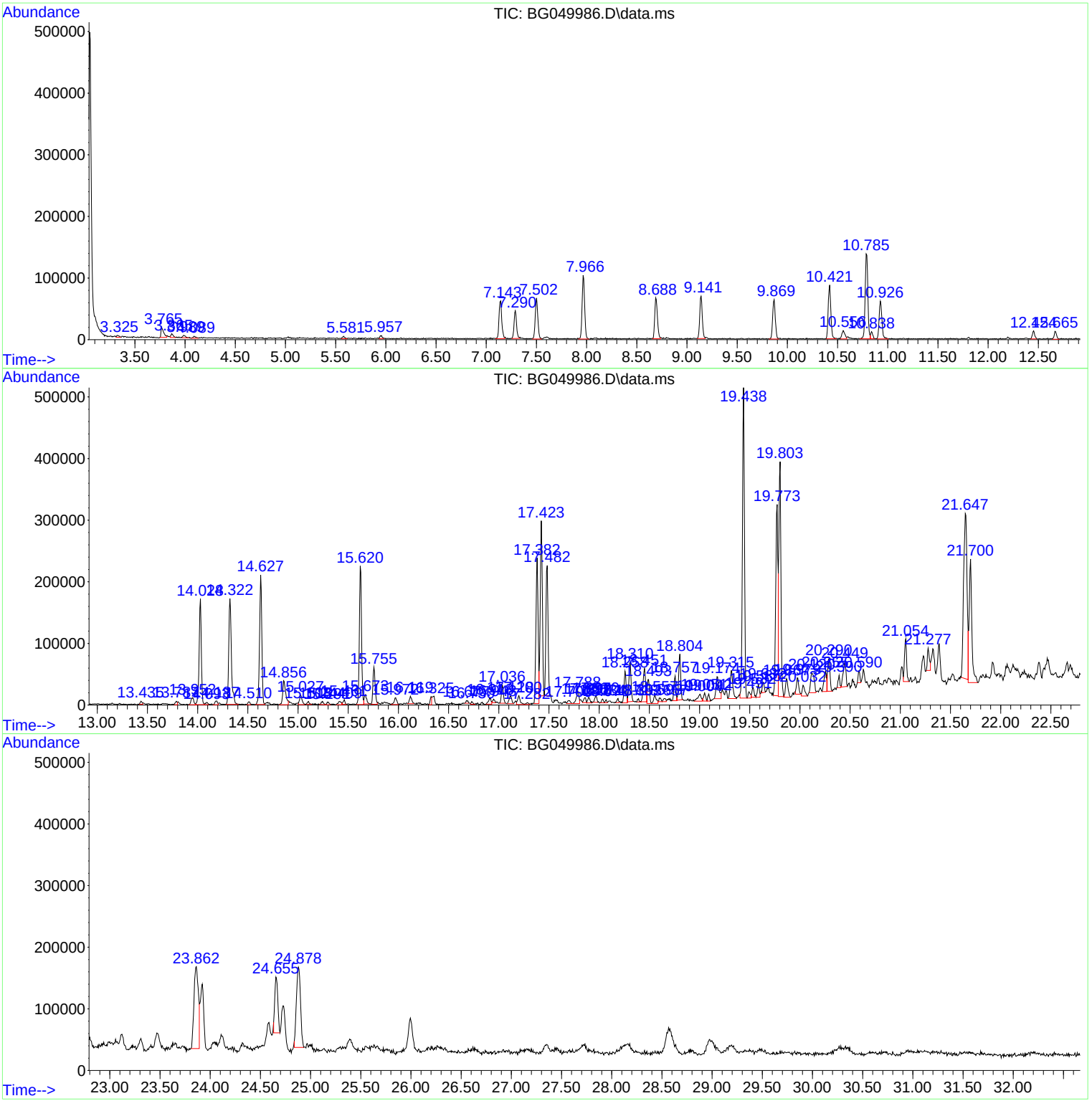
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049986.D
Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS2

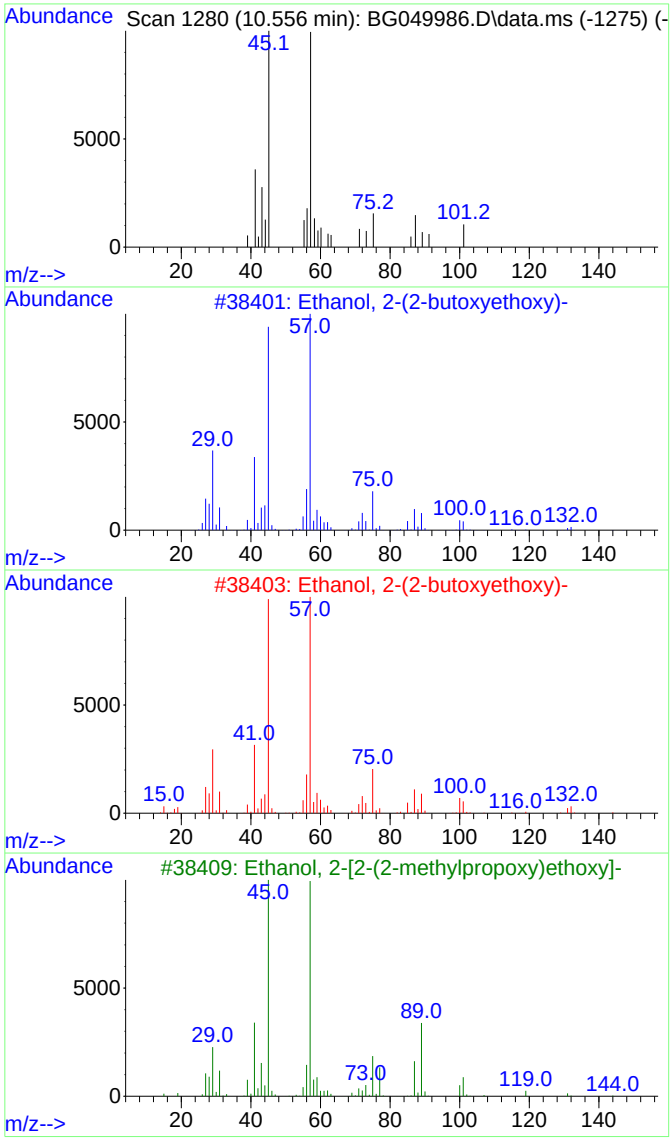
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

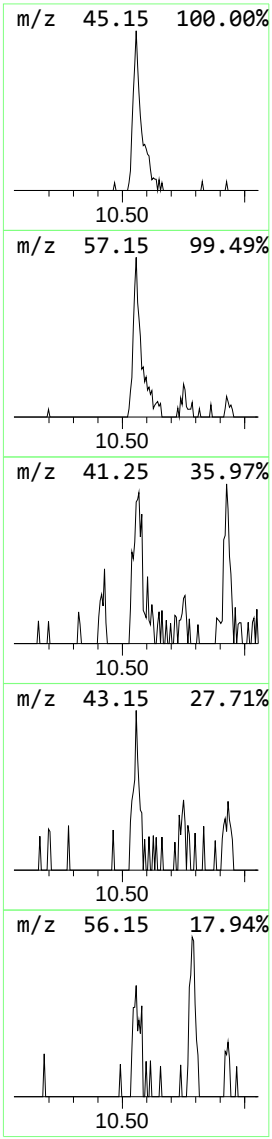
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.556	2.21 ng/ul	28006	Naphthalene-d8	10.791

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	56
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049986.D
Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

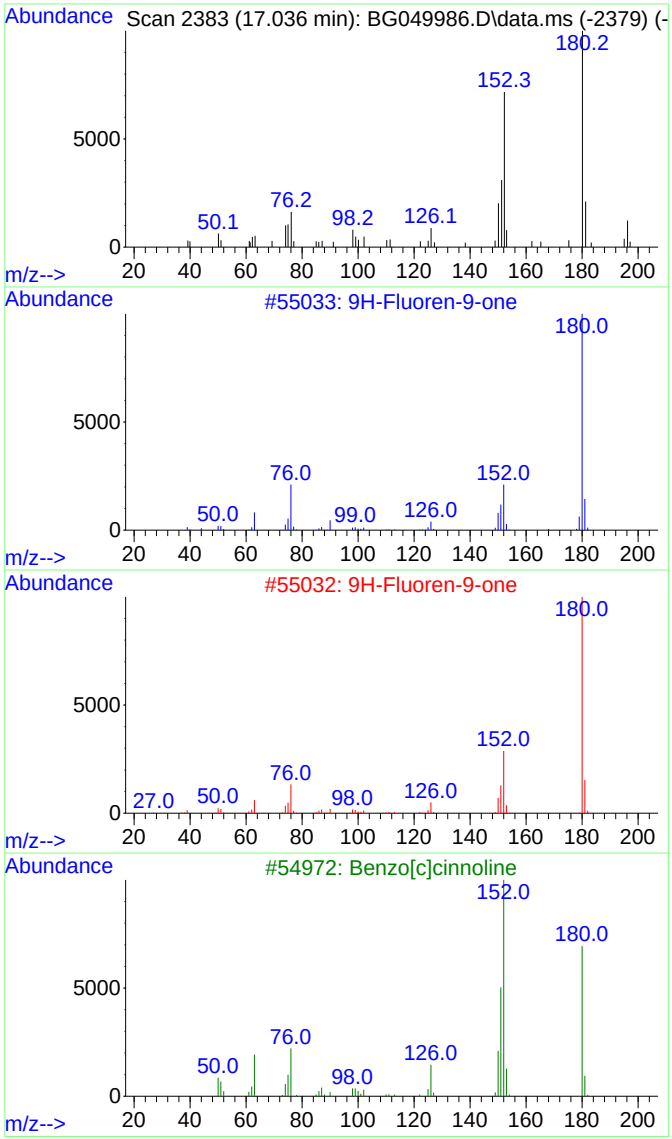
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

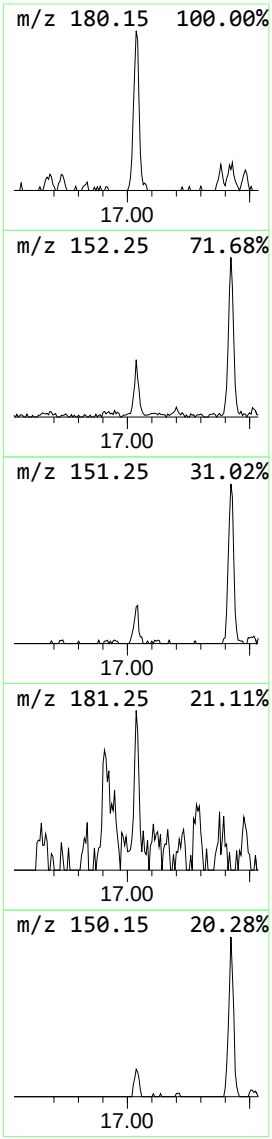
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.036	2.30 ng/ul	40440	Phenanthrene-d10	17.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	72
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049986.D
Acq On : 26 Aug 2021 22:18
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Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

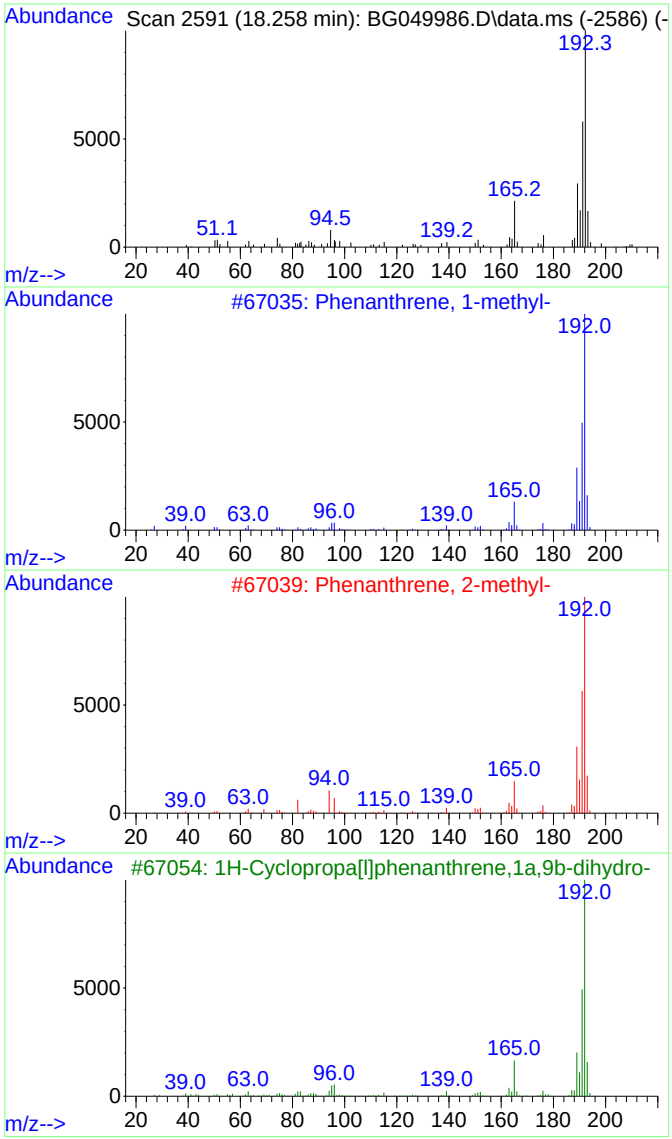
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

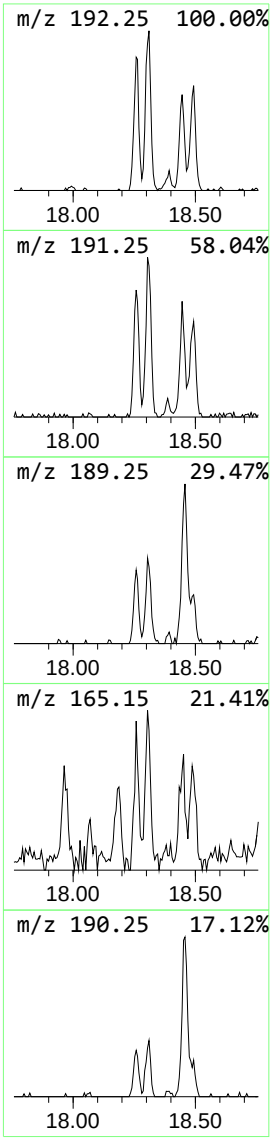
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.258	4.32 ng/ul	76062	Phenanthrene-d10	17.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

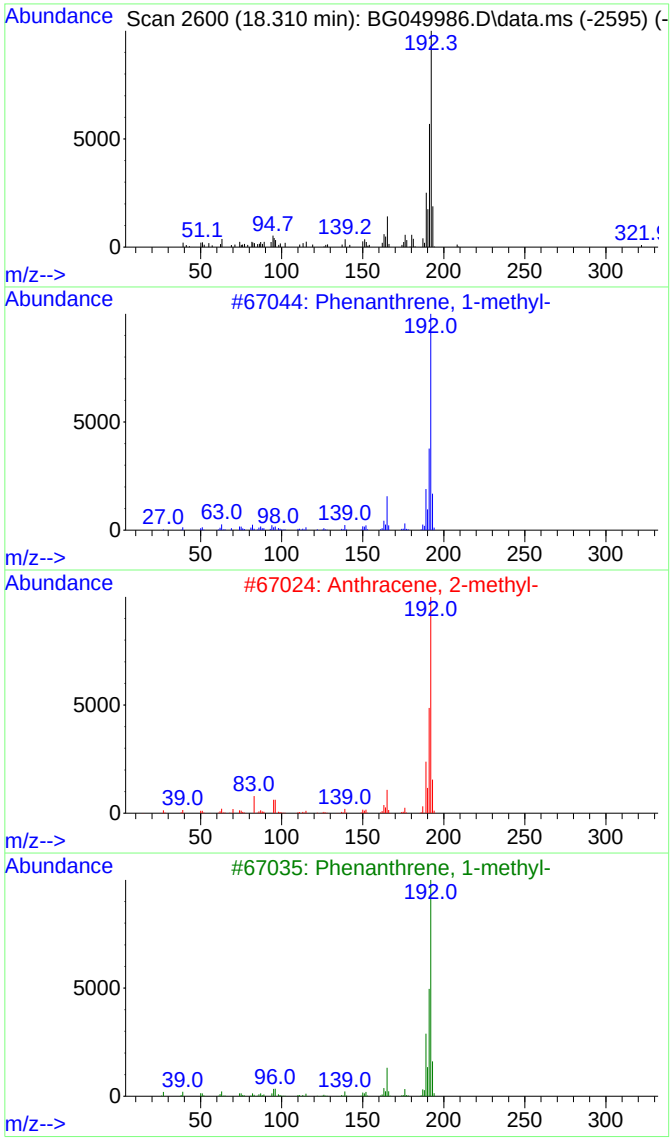
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

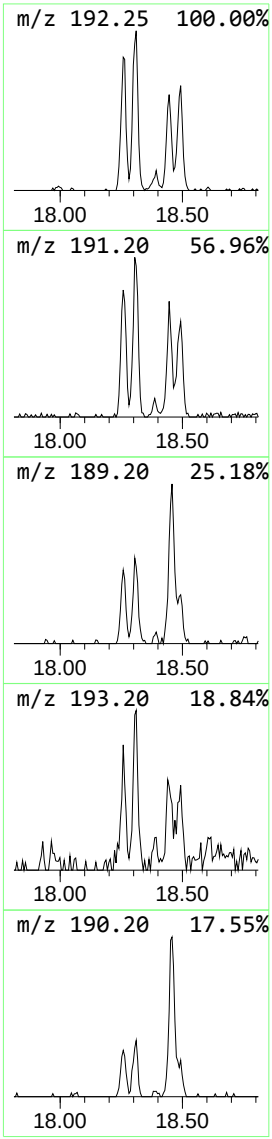
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.311	5.48 ng/ul	96461	Phenanthrene-d10	17.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049986.D
Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS2

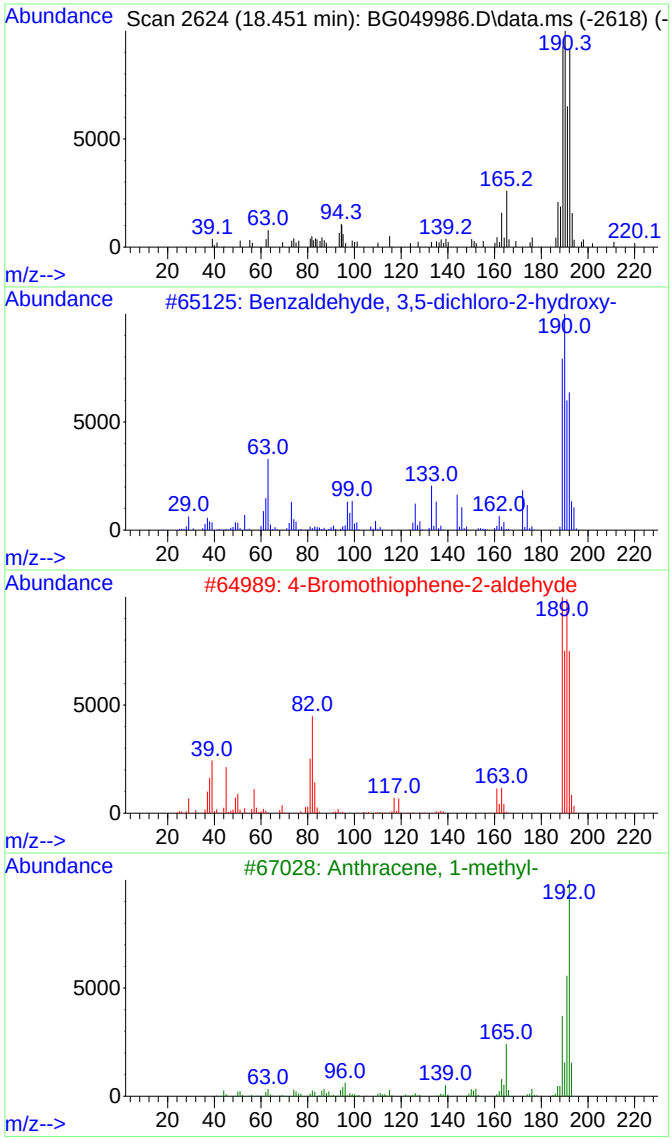
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

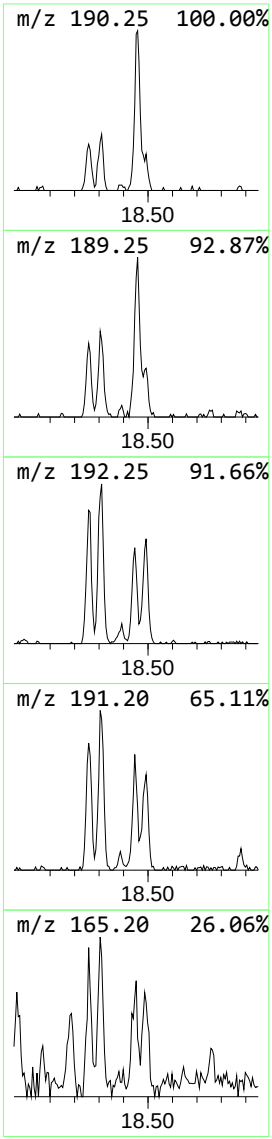
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	5.54 ng/ul	97588	Phenanthrene-d10	17.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	52
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42





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Data File : BG049986.D
Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

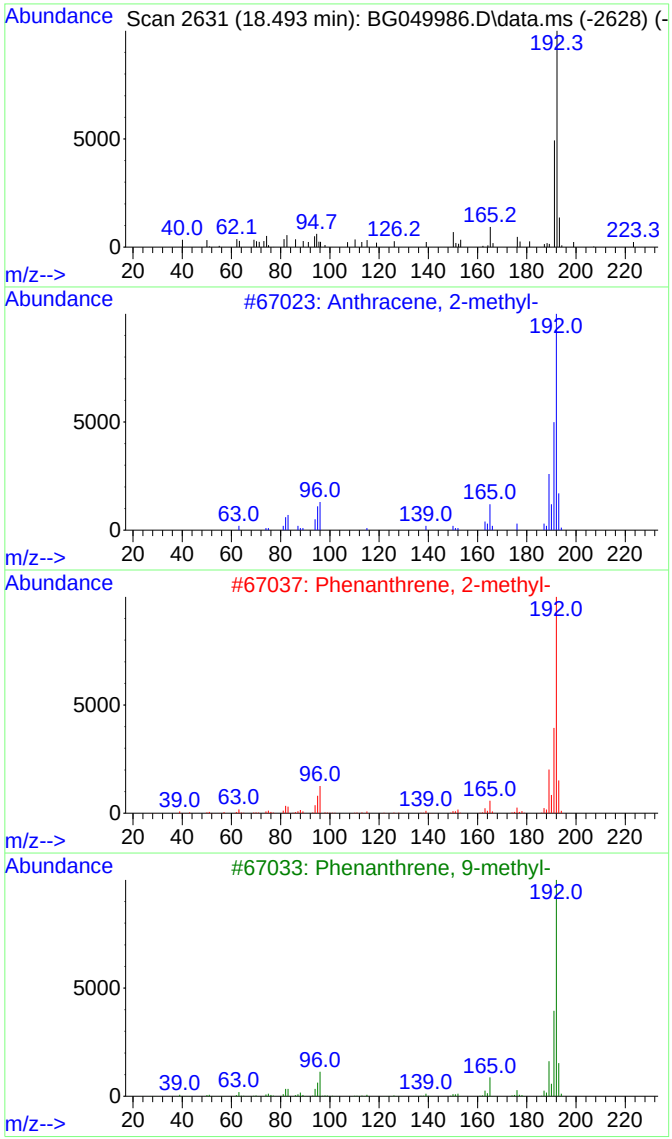
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

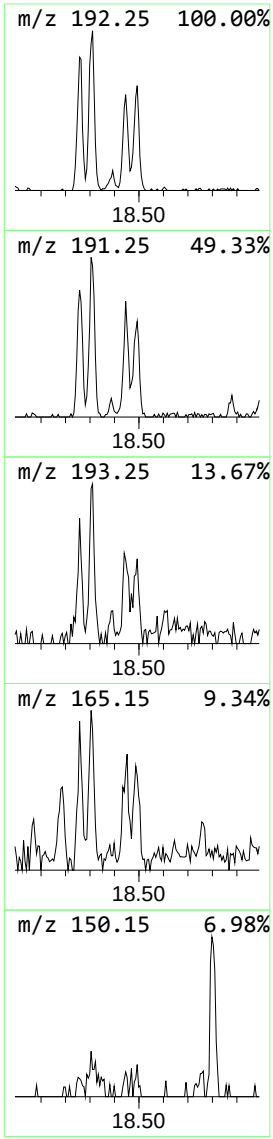
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.493	3.11 ng/ul	54739	Phenanthrene-d10	17.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86





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Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

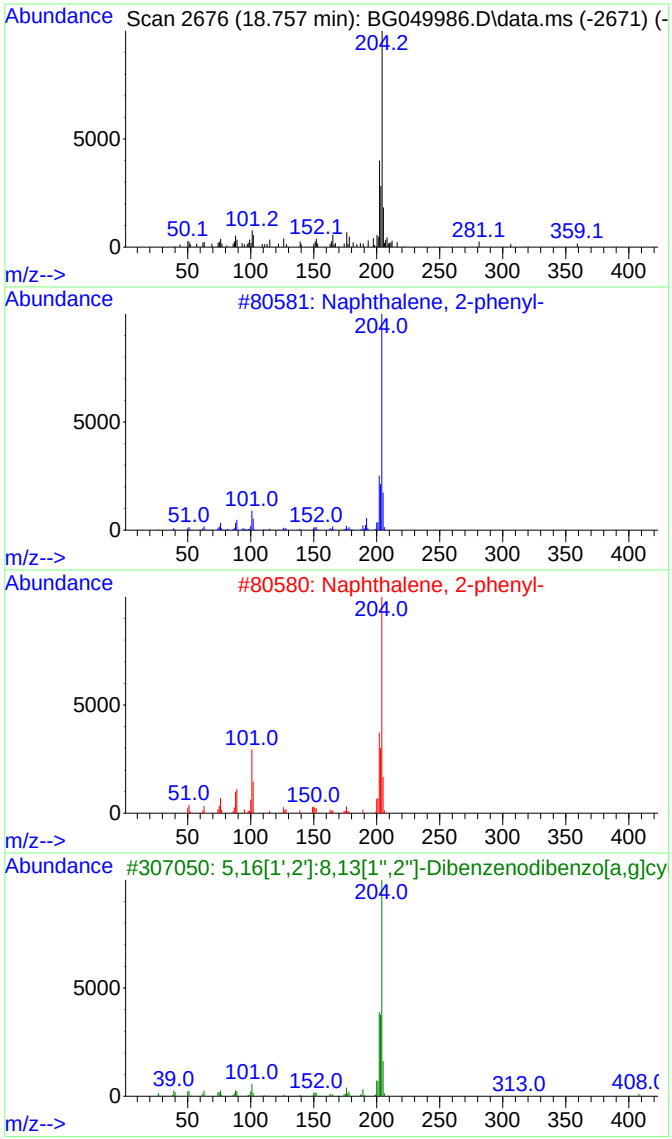
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

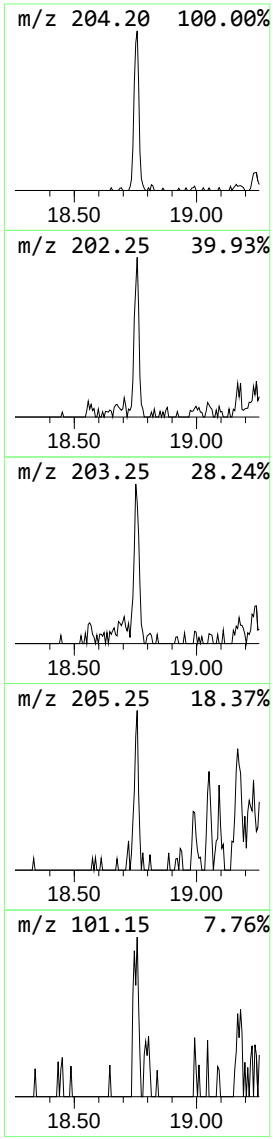
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.757	3.10 ng/ul	54542	Phenanthrene-d10	17.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





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Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AS2

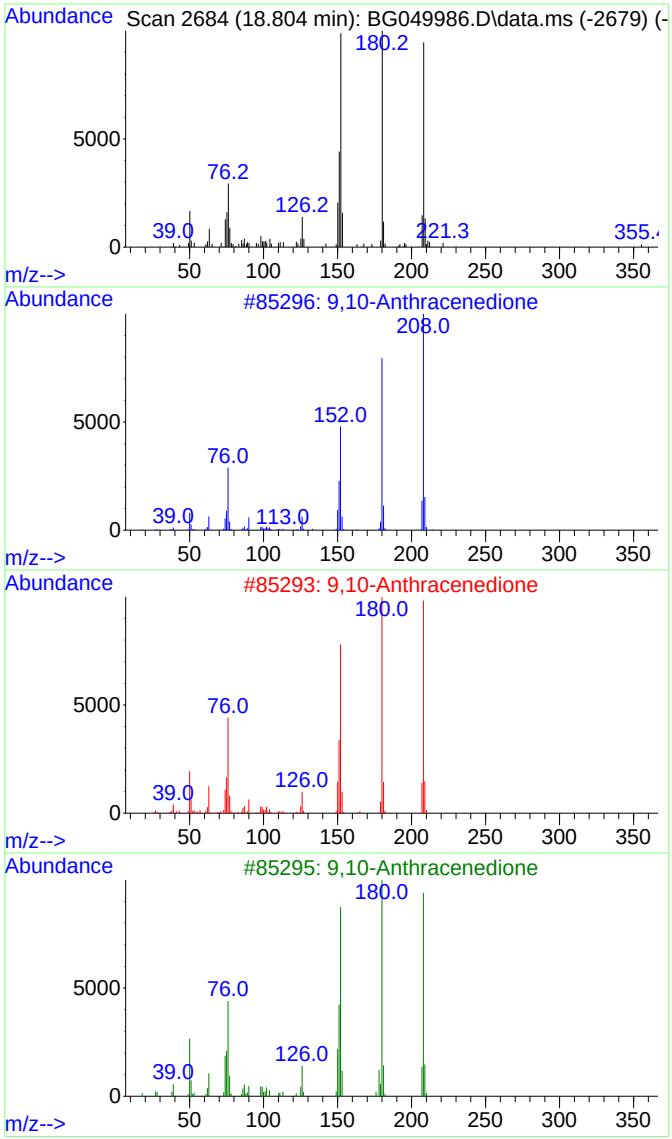
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

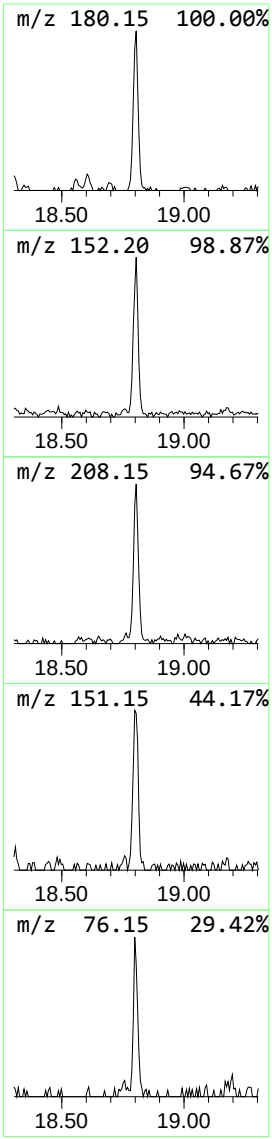
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.804	5.93 ng/ul	104335	Phenanthrene-d10	17.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86





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Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS2

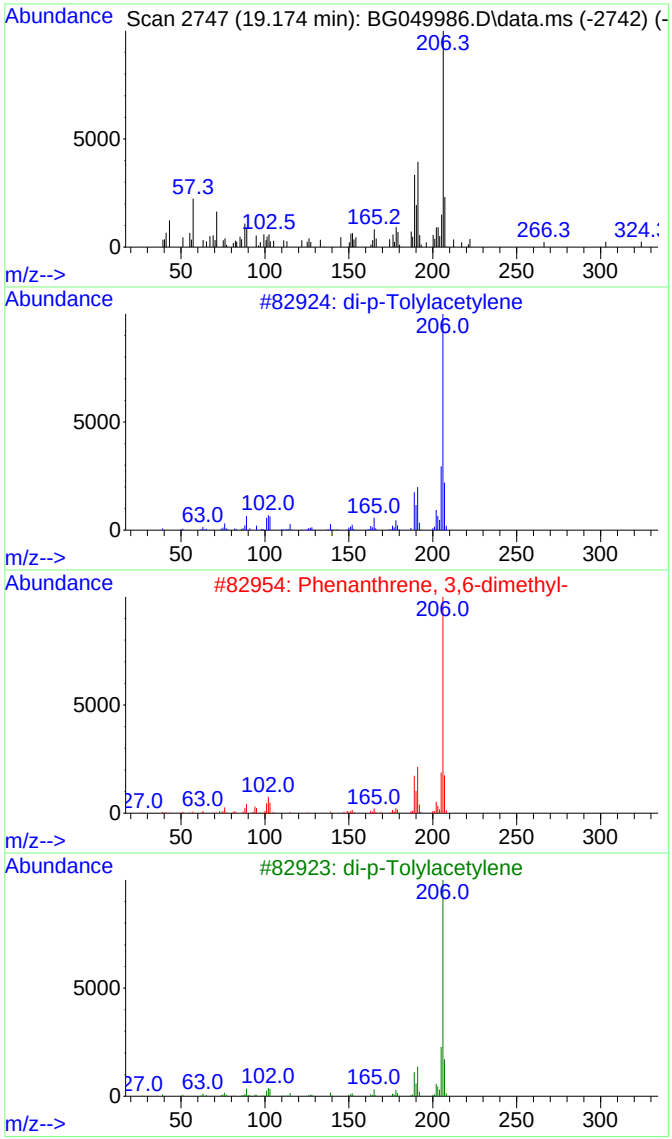
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

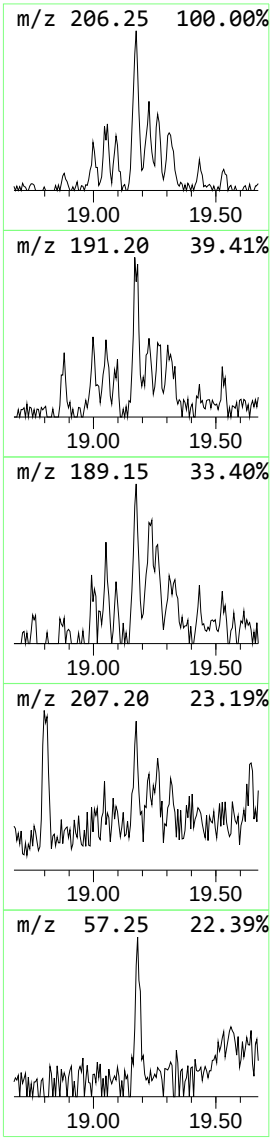
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.174	4.15 ng/ul	73107	Phenanthrene-d10	17.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	80
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	80
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	76
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	76





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Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS2

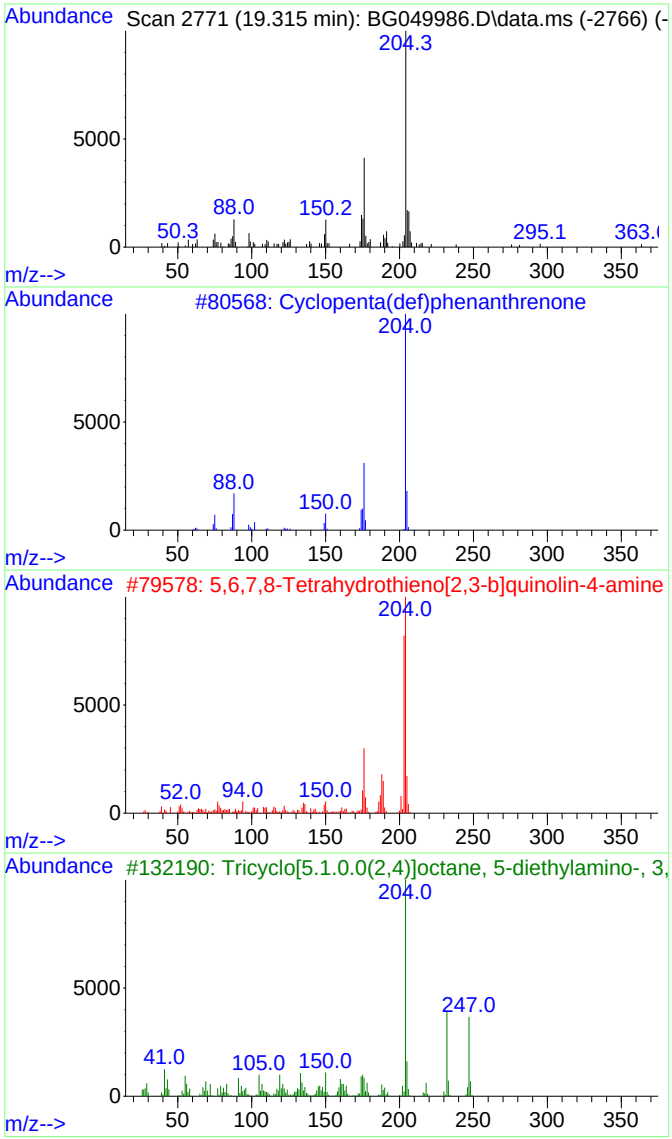
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

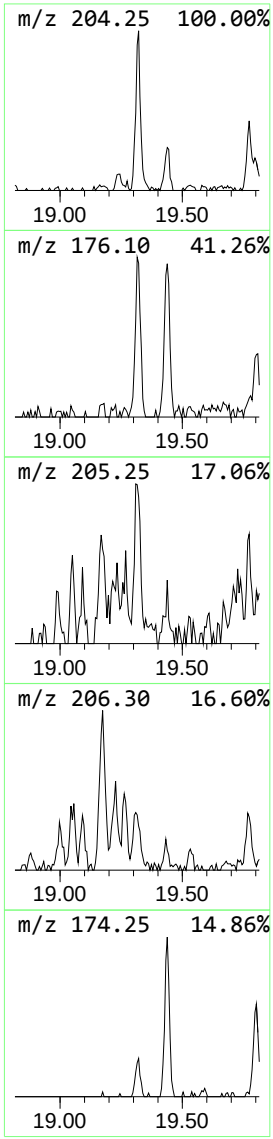
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.315	4.67 ng/ul	82258	Phenanthrene-d10	17.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





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Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

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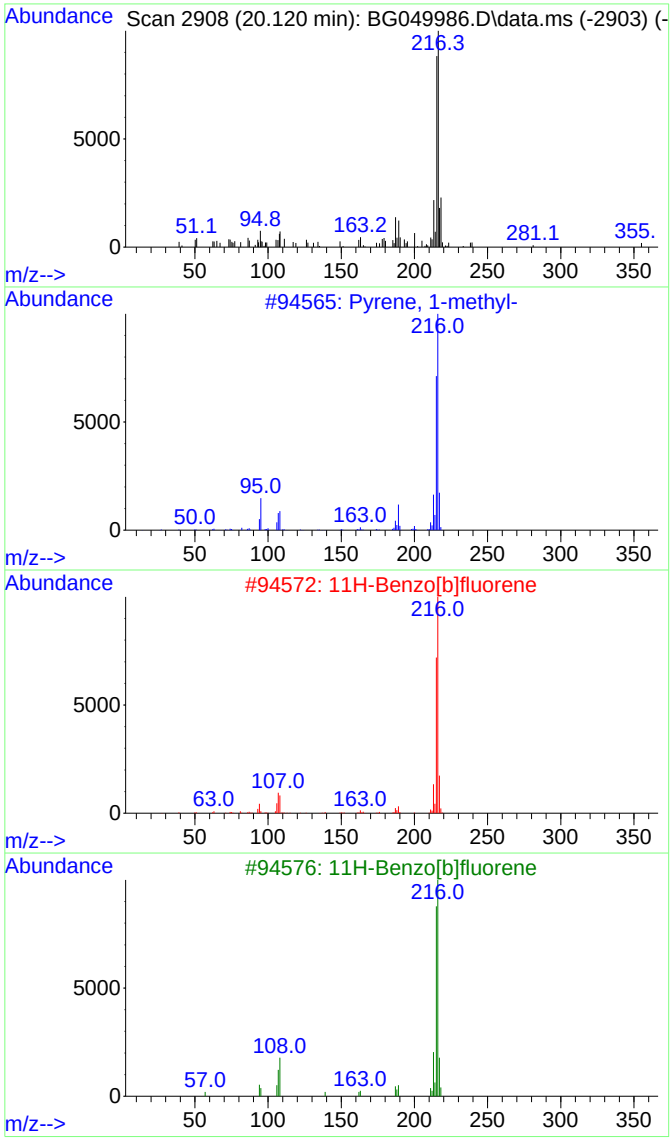
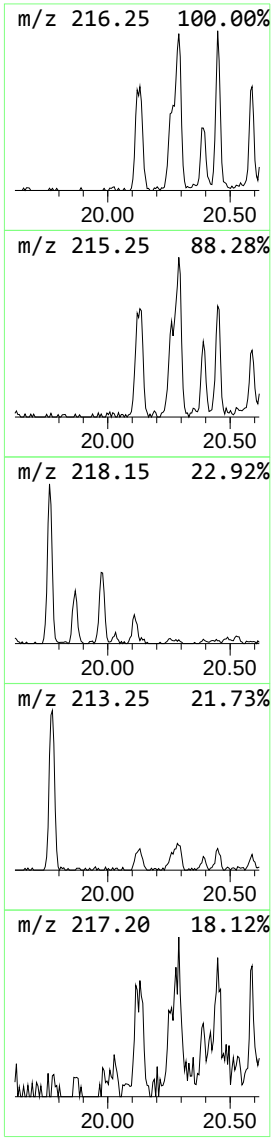
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.120	2.46 ng/ul	79017	Chrysene-d12	21.653

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

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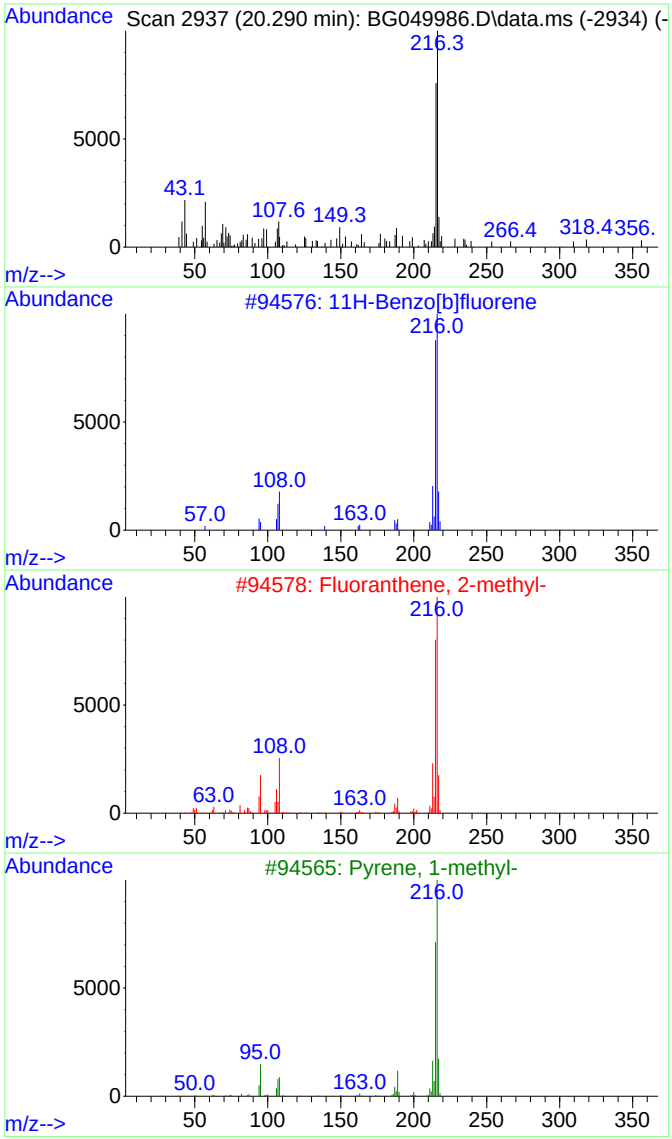
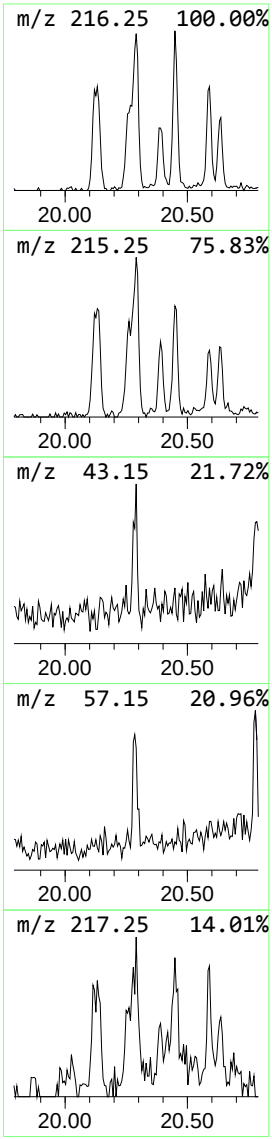
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.290	2.36 ng/ul	75947	Chrysene-d12	21.653

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





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Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

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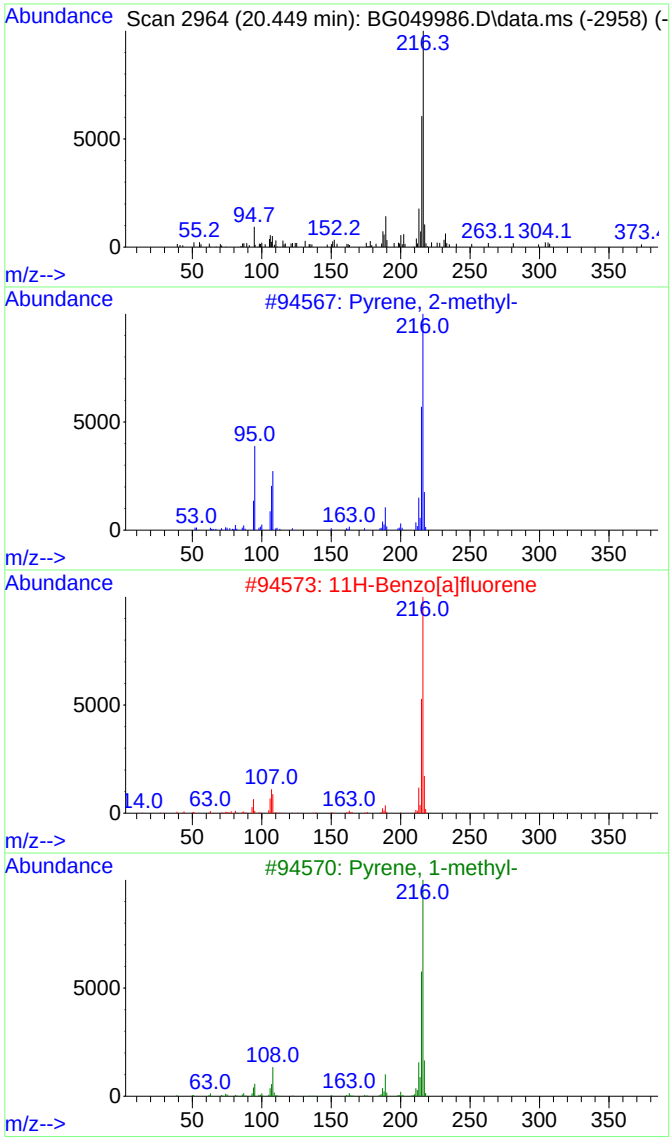
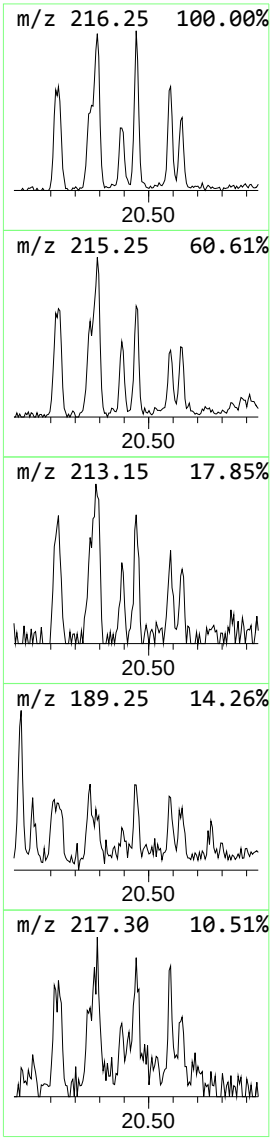
Peak Number 13 Pyrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.449	2.40 ng/ul	77187	Chrysene-d12	21.653

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68





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Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

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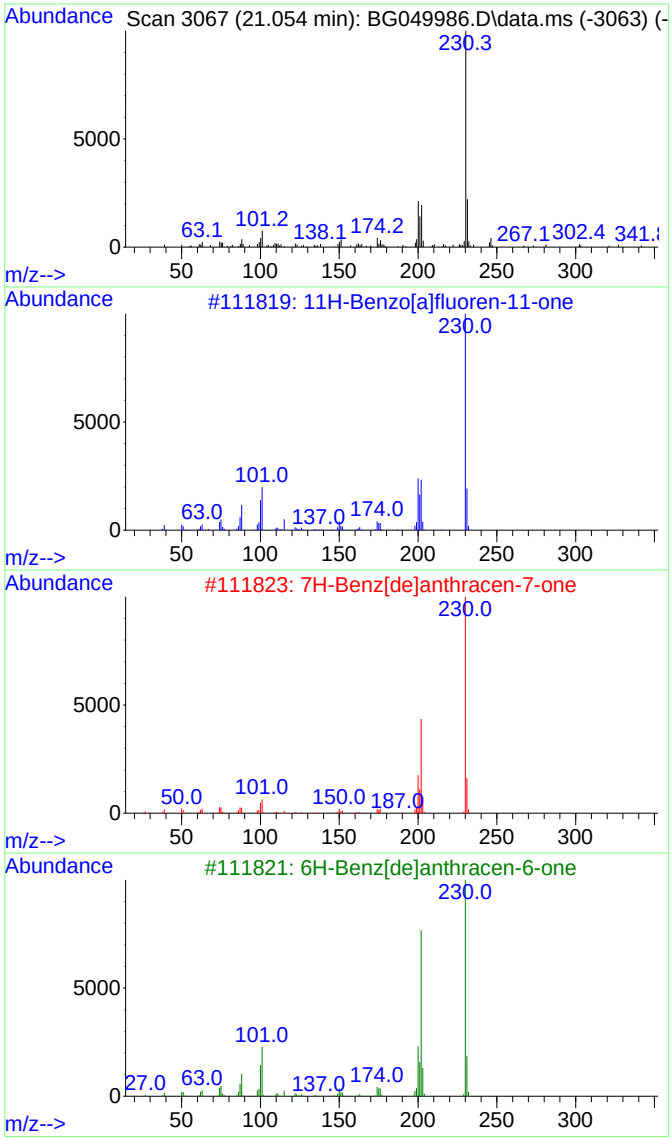
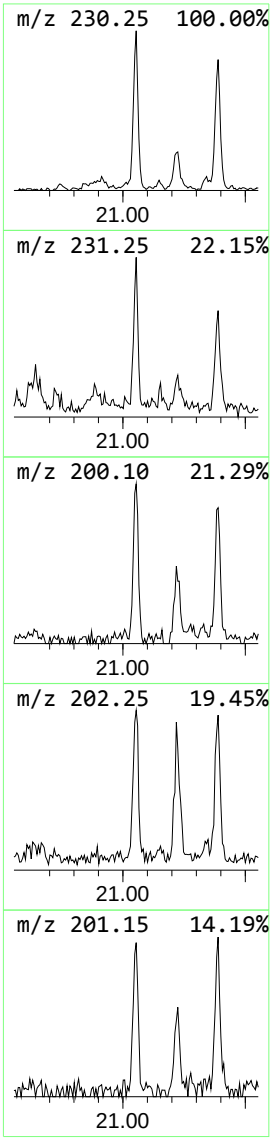
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.054	3.05 ng/ul	98088	Chrysene-d12	21.653

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	86
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	62
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59
5	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59





Tentatively Identified Compound (LSC) summary

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Data File : BG049986.D
Acq On : 26 Aug 2021 22:18
Operator : CG/JU
Sample : M3458-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.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
Ethanol, 2-(2-b...	10.556	2.2	ng/ul	28006	2	10.791	253885	20.0
9H-Fluoren-9-one	17.036	2.3	ng/ul	40440	4	17.382	352053	20.0
Phenanthrene, 1...	18.258	4.3	ng/ul	76062	4	17.382	352053	20.0
Anthracene, 2-m...	18.311	5.5	ng/ul	96461	4	17.382	352053	20.0
Benzaldehyde, 3...	18.451	5.5	ng/ul	97588	4	17.382	352053	20.0
Phenanthrene, 2...	18.493	3.1	ng/ul	54739	4	17.382	352053	20.0
Naphthalene, 2-...	18.757	3.1	ng/ul	54542	4	17.382	352053	20.0
9,10-Anthracene...	18.804	5.9	ng/ul	104335	4	17.382	352053	20.0
di-p-Tolylacety...	19.174	4.2	ng/ul	73107	4	17.382	352053	20.0
Cyclopenta(def)...	19.315	4.7	ng/ul	82258	4	17.382	352053	20.0
Pyrene, 1-methyl-	20.120	2.5	ng/ul	79017	5	21.653	642471	20.0
11H-Benzo[b]flu...	20.290	2.4	ng/ul	75947	5	21.653	642471	20.0
Pyrene, 2-methyl-	20.449	2.4	ng/ul	77187	5	21.653	642471	20.0
11H-Benzo[a]flu...	21.054	3.0	ng/ul	98088	5	21.653	642471	20.0