LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049762.D
Acq On : 10 Aug 2021 18:28
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

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-BG080421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049762.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.143	13	18	35	rVB	231307	416046	26.19%	2.835%
2	3.854	135	139	144	rBV3	17690	31111	1.96%	0.212%
3	3.948	151	155	163	rVB2	18165	27644	1.74%	0.188%
4	7.197	702	708	717	rBV2	57787	105745	6.66%	0.721%
5	7.355	728	735	743	rBV	32261	64976	4.09%	0.443%
6	7.567	764	771	780	rVB2	56374	98645	6.21%	0.672%
7	8.031	840	850	860	rBV2	97279	179239	11.28%	1.221%
8	8.747	965	972	980	rBV2	62099	108862	6.85%	0.742%
9	9.206	1041	1050	1057	rBV	56957	106417	6.70%	0.725%
10	9.934	1167	1174	1183	rBV3	54870	106052	6.68%	0.723%
11	10.480	1259	1267	1275	rBV2	78282	147441	9.28%	1.005%
12	10.615	1285	1290	1298	rBV3	23908	50452	3.18%	0.344%
13	10.856	1325	1331	1337	rBV	139138	244401	15.38%	1.665%
14	10.903	1337	1339	1348	rVB2	12596	19805	1.25%	0.135%
15	10.991	1348	1354	1366	rBV4	27085	55766	3.51%	0.380%
16	12.372	1585	1589	1596	rVB2	11253	15469	0.97%	0.105%
17	12.513	1608	1613	1622	rVB	14560	27018	1.70%	0.184%
18	12.736	1645	1651	1657	rBV	13308	23215	1.46%	0.158%
19	13.512	1773	1783	1789	rBV6	6936	18503	1.16%	0.126%
20	13.858	1835	1842	1848	rBV6	8908	21622	1.36%	0.147%
21	14.005	1861	1867	1872	rBV2	14065	23951	1.51%	0.163%
22	14.081	1872	1880	1887	rVV	156150	248494	15.64%	1.693%
23	14.246	1904	1908	1912	rBV4	6743	9145	0.58%	0.062%
24	14.381	1925	1931	1946	rVB2	167558	306068	19.27%	2.085%
25	14.686	1975	1983	1990	rBV	222837	366750	23.09%	2.499%
26	14.751	1990	1994	2002	rVB3	10049	18548	1.17%	0.126%
27	14.898	2013	2019	2032	rBV3	51100	99423	6.26%	0.677%
28	15.033	2039	2042	2046	rBV5	3864	5825	0.37%	0.040%
29	15.086	2046	2051	2060	rVV	53512	87716	5.52%	0.598%
30	15.162	2060	2064	2069	rVB3	7378	10962	0.69%	0.075%
31	15.303	2082	2088	2091	rBV3	4903	7571	0.48%	0.052%
32	15.356	2094	2097	2101	rVB2	6654	8869	0.56%	0.060%
33	15.468	2112	2116	2121	rBV4	5501	9304	0.59%	0.063%
34	15.515	2121	2124	2129	rVB3	6214	8110	0.51%	0.055%
35	15.679	2143	2152	2157	rBV	217310	331556	20.87%	2.259%
36	15.738	2157	2162	2168	rVV	110819	174716	11.00%	1.190%

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Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

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-BG080421.M
Title : SVOA CALIBRATION

37	15.803	2168	2173	2181	rVB2	70694	107875	6.79%	0.735%
38	16.026	2205	2211	2218	rVB2	24062	39721	2.50%	0.271%
39	16.173	2232	2236	2246	rVB2	25580	54419	3.43%	0.371%
40	16.267	2248	2252	2257	rVB2	4947	8980	0.57%	0.061%
41	16.384	2268	2272	2273	rBV2	7468	9008	0.57%	0.061%
42	16.408	2274	2276	2281	rVB4	10552	13139	0.83%	0.090%
43	16.742	2323	2333	2338	rBV6	21102	42792	2.69%	0.292%
44	16.789	2338	2341	2345	rVB3	9257	10262	0.65%	0.070%
45	16.889	2353	2358	2362	rBV4	7097	10139	0.64%	0.069%
46	16.972	2364	2372	2374	rBV3	12492	20953	1.32%	0.143%
47	17.007	2374	2378	2382	rBV4	10059	11955	0.75%	0.081%
48	17.095	2387	2393	2400	rVB	38286	63453	3.99%	0.432%
49	17.171	2400	2406	2411	rVB4	18816	33552	2.11%	0.229%
50	17.254	2416	2420	2425	rVB	37340	58125	3.66%	0.396%
51	17.442	2445	2452	2455	rBV	267226	424771	26.74%	2.894%
52	17.483	2455	2459	2464	rVV	870743	1291462	81.30%	8.800%
53	17.541	2464	2469	2472	rVV	217802	353783	22.27%	2.411%
54	17.571	2472	2474	2480	rVV	131652	180106	11.34%	1.227%
55	17.624	2480	2483	2490	rVB5	9283	17320	1.09%	0.118%
56	17.718	2495	2499	2502	rBV5	6497	11062	0.70%	0.075%
57	17.841	2512	2520	2529	rBV2	41928	83260	5.24%	0.567%
58	17.958	2536	2540	2544	rBV2	14350	19813	1.25%	0.135%
59	18.023	2547	2551	2559	rVB7	12868	23604	1.49%	0.161%
60	18.094	2559	2563	2565	rBV4	5423	6615	0.42%	0.045%
61	18.158	2571	2574	2579	rBV5	6830	7561	0.48%	0.052%
62	18.240	2583	2588	2593	rBV3	6845	8449	0.53%	0.058%
63	18.317	2595	2601	2605	rBV2	73403	111038	6.99%	0.757%
64	18.364	2605	2609	2616	rVB	101431	153040	9.63%	1.043%
65	18.446	2617	2623	2628	rBV2	21766	35864	2.26%	0.244%
66	18.517	2628	2635	2639	rBV3	134671	256568	16.15%	1.748%
67	18.616	2646	2652	2655	rBV6	11762	22484	1.42%	0.153%
68	18.663	2657	2660	2663	rVV5	11647	14874	0.94%	0.101%
69	18.705	2665	2667	2670	rVV4	7422	8039	0.51%	0.055%
70	18.757	2674	2676	2679	rVV4	7051	7231	0.46%	0.049%
71	18.810	2680	2685	2689	rVV	67327	92562	5.83%	0.631%
72	18.857	2689	2693	2698	rVB2	44292	69017	4.34%	0.470%
73	19.057	2722	2727	2731	rBV5	12949	24809	1.56%	0.169%
74	19.104	2732	2735	2739	rVV4	12166	16705	1.05%	0.114%
75	19.145	2740	2742	2749	rVB2	12963	15309	0.96%	0.104%
76	19.233	2751	2757	2761	rBV4	28158	52673	3.32%	0.359%

LSC Area Percent Report

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Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Title : SVOA CALIBRATION

77	19.374	2776	2781	2788	rVB3	37445	70449	4.43%	0.480%
78	19.498	2795	2802	2808	rVB	1117475	1588570	100.00%	10.824%
79	19.556	2808	2812	2814	rBV3	10644	14003	0.88%	0.095%
80	19.586	2814	2817	2822	rVB2	20024	24062	1.51%	0.164%
81	19.644	2822	2827	2830	rBV	34161	51221	3.22%	0.349%
82	19.738	2840	2843	2851	rVB2	29636	47210	2.97%	0.322%
83	19.827	2852	2858	2860	rVV2	326856	540968	34.05%	3.686%
84	19.856	2860	2863	2870	rVV	811663	1086170	68.37%	7.401%
85	19.921	2871	2874	2880	rVB3	36048	50727	3.19%	0.346%
86	20.032	2888	2893	2898	rBV	43979	65369	4.11%	0.445%
87	20.091	2900	2903	2908	rVB	24820	36972	2.33%	0.252%
88	20.173	2911	2917	2918	rBV2	42118	68184	4.29%	0.465%
89	20.343	2942	2946	2951	rVB	124473	180981	11.39%	1.233%
90	20.443	2958	2963	2967	rBV	96015	137955	8.68%	0.940%
91	20.643	2994	2997	3000	rBV3	18138	22181	1.40%	0.151%
92	21.107	3073	3076	3081	rVB	43682	67511	4.25%	0.460%
93	21.342	3112	3116	3119	rBV	38611	56993	3.59%	0.388%
94	21.389	3121	3124	3129	rVB2	53790	87753	5.52%	0.598%
95	21.706	3172	3178	3184	rBV3	408865	1006337	63.35%	6.857%
96	21.765	3185	3188	3200	rVB	270974	459345	28.92%	3.130%
97	23.956	3553	3561	3568	rBV	174378	559972	35.25%	3.816%
98	24.773	3693	3700	3705	rBV2	94737	239895	15.10%	1.635%
99	24.837	3706	3711	3723	rVB	148062	389450	24.52%	2.654%
100	24.996	3730	3738	3746	rBV2	156446	445959	28.07%	3.039%

Sum of corrected areas: 14676066

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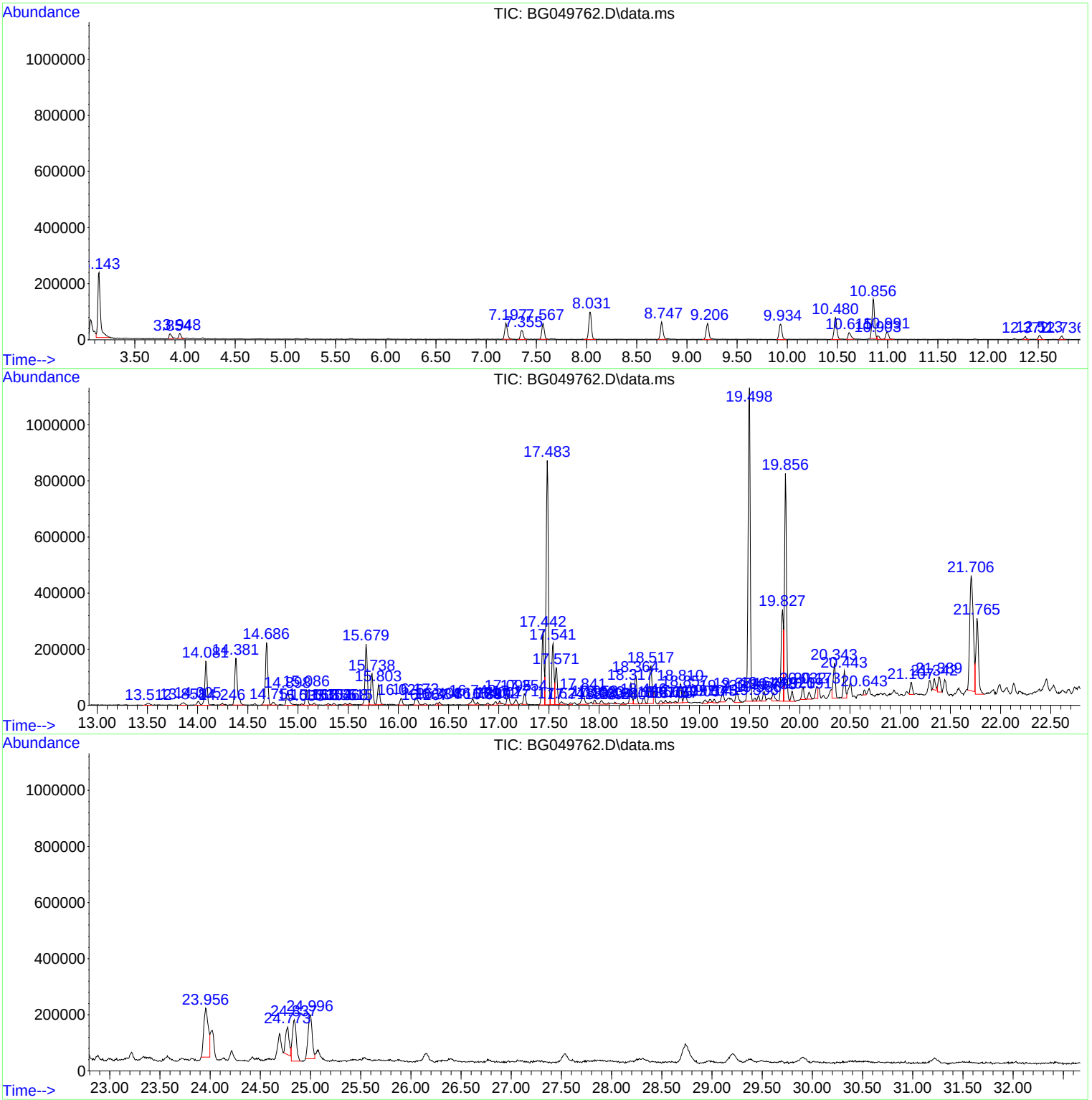
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049762.D
Acq On : 10 Aug 2021 18:28
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

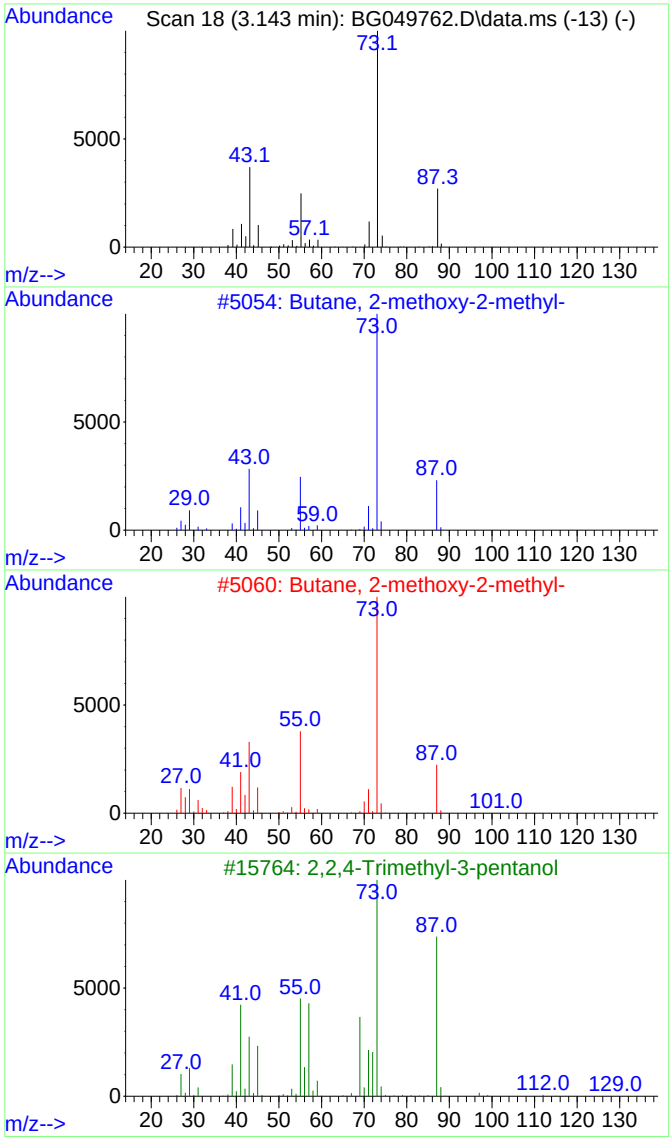
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

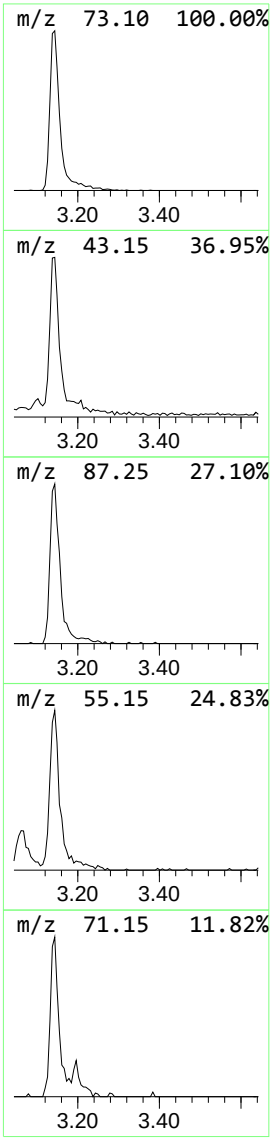
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.143	46.42 ng/ul	416046	1,4-Dichlorobenzene-d4	8.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049762.D
Acq On : 10 Aug 2021 18:28
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

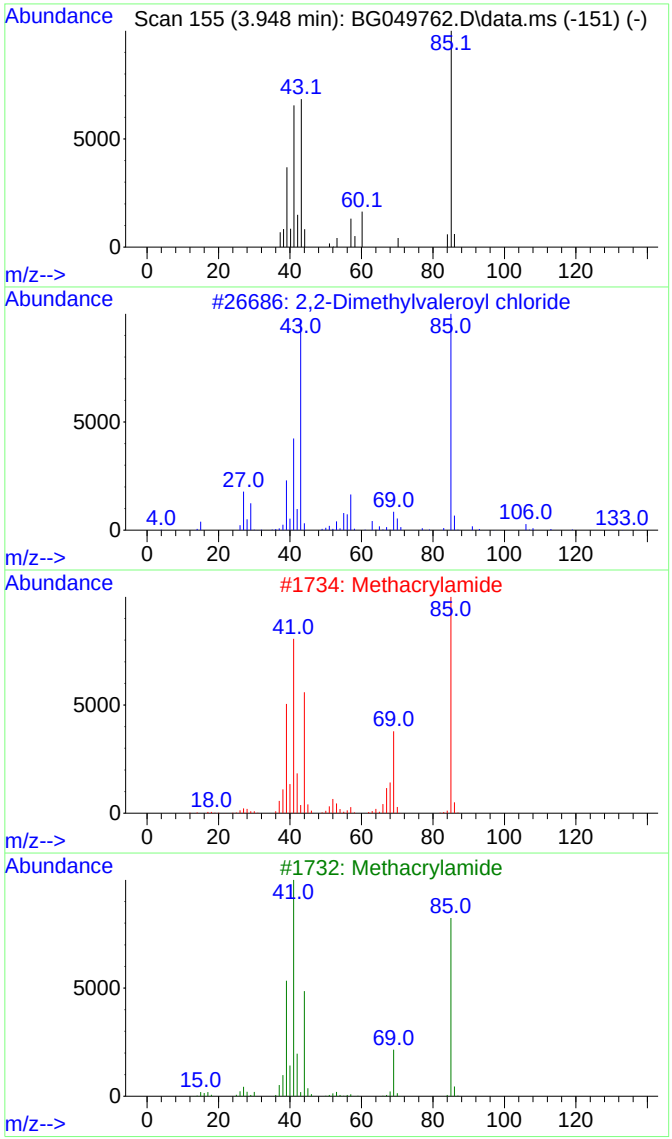
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

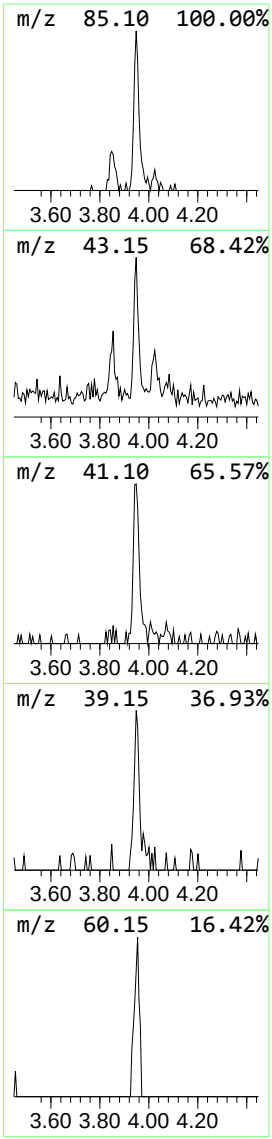
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,2-Dimethylvaleroyl chloride Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.948	3.08 ng/ul	27644	1,4-Dichlorobenzene-d4	8.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylvaleroyl chloride	148	C7H13ClO	015721-22-9	64
2	Methacrylamide	85	C4H7NO	000079-39-0	64
3	Methacrylamide	85	C4H7NO	000079-39-0	42
4	Hexane, 3-bromo-	164	C6H13Br	003377-87-5	39
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38





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Instrument : BNA_G
ClientSampleId : C00D8

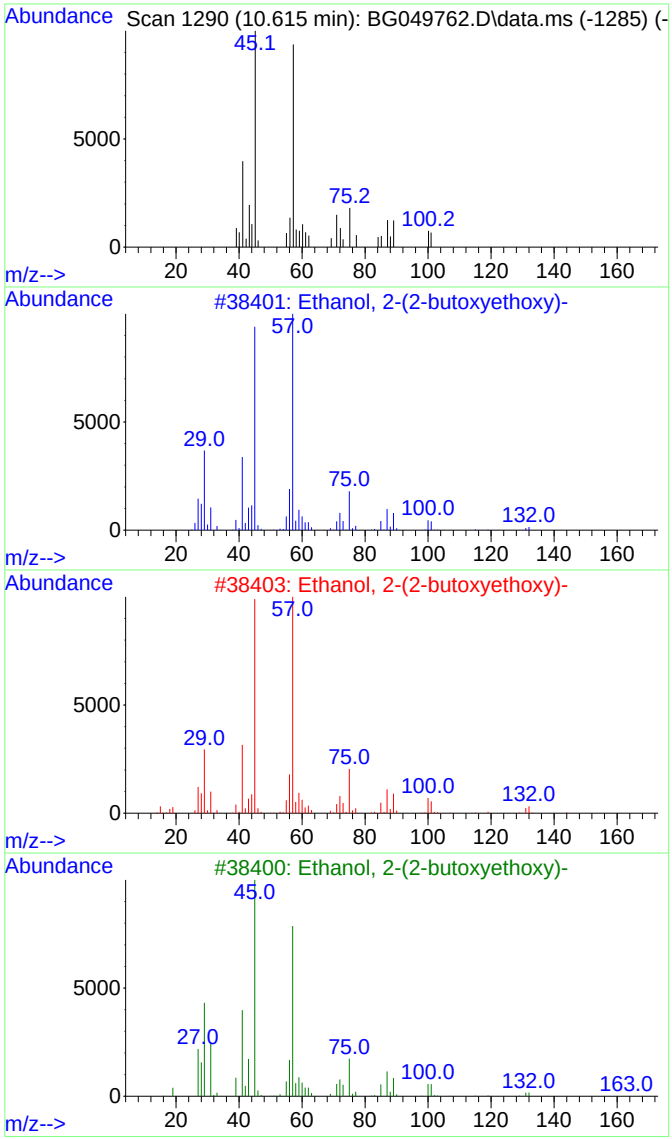
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

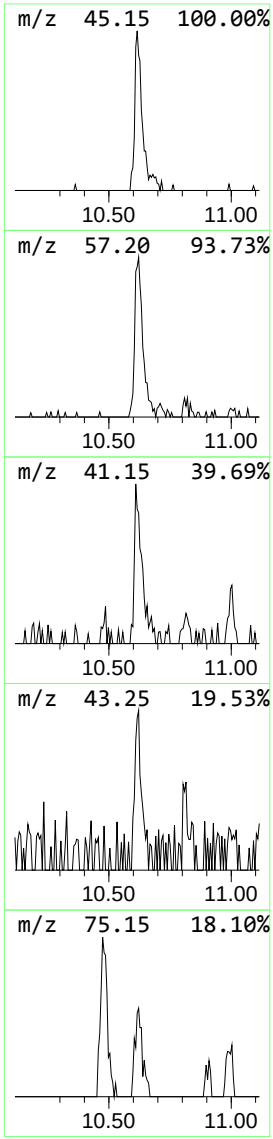
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	4.13 ng/ul	50452	Naphthalene-d8	10.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	80
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	80
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59
5	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	53





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

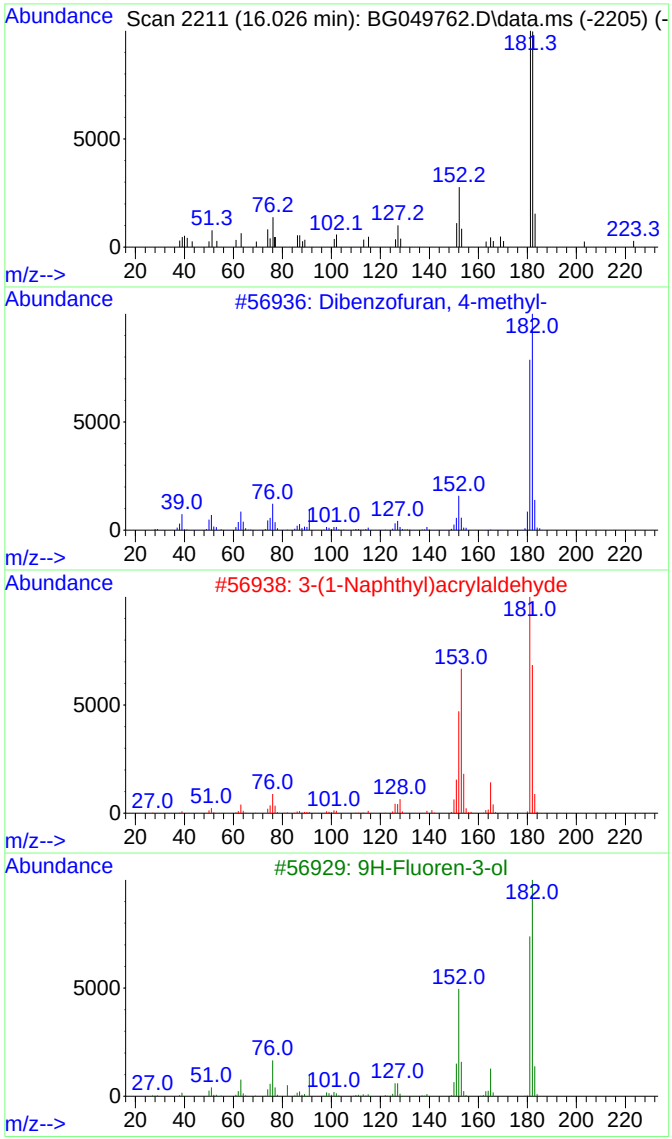
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

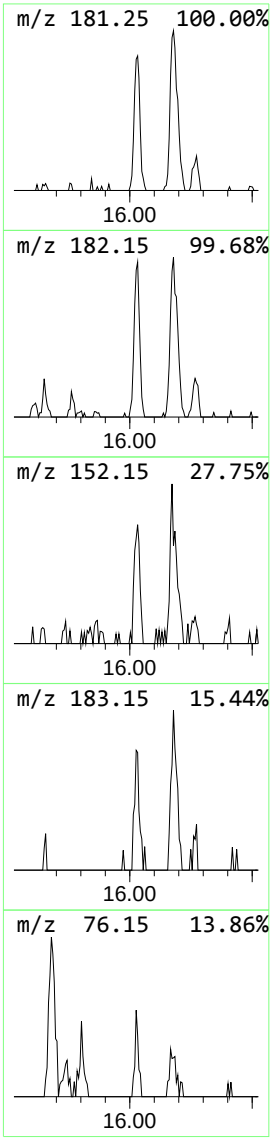
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.026	2.17 ng/ul	39721	Acenaphthene-d10	14.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	87
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Data File : BG049762.D
Acq On : 10 Aug 2021 18:28
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

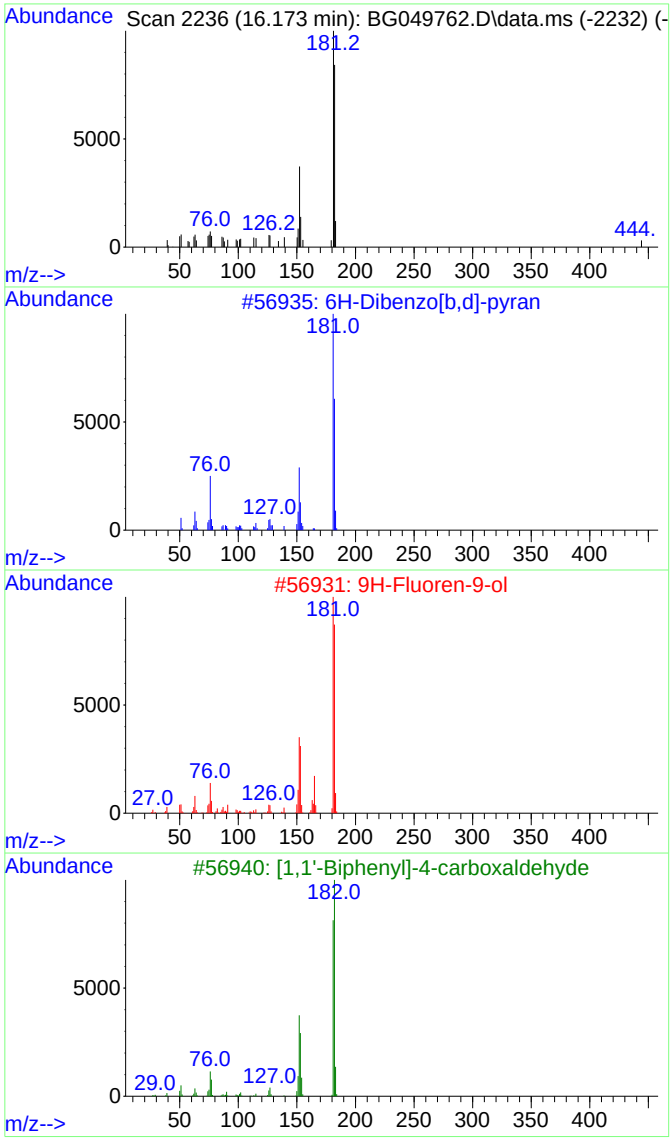
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

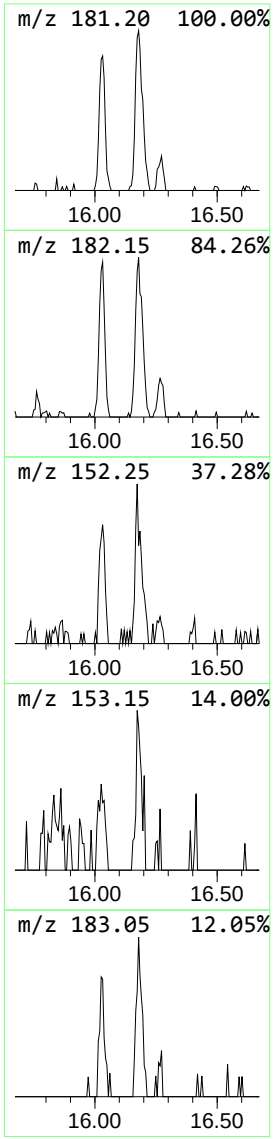
****

Peak Number 5 6H-Dibenzo[b,d]-pyran Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.173	2.56 ng/ul	54419	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86





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Acq On : 10 Aug 2021 18:28
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

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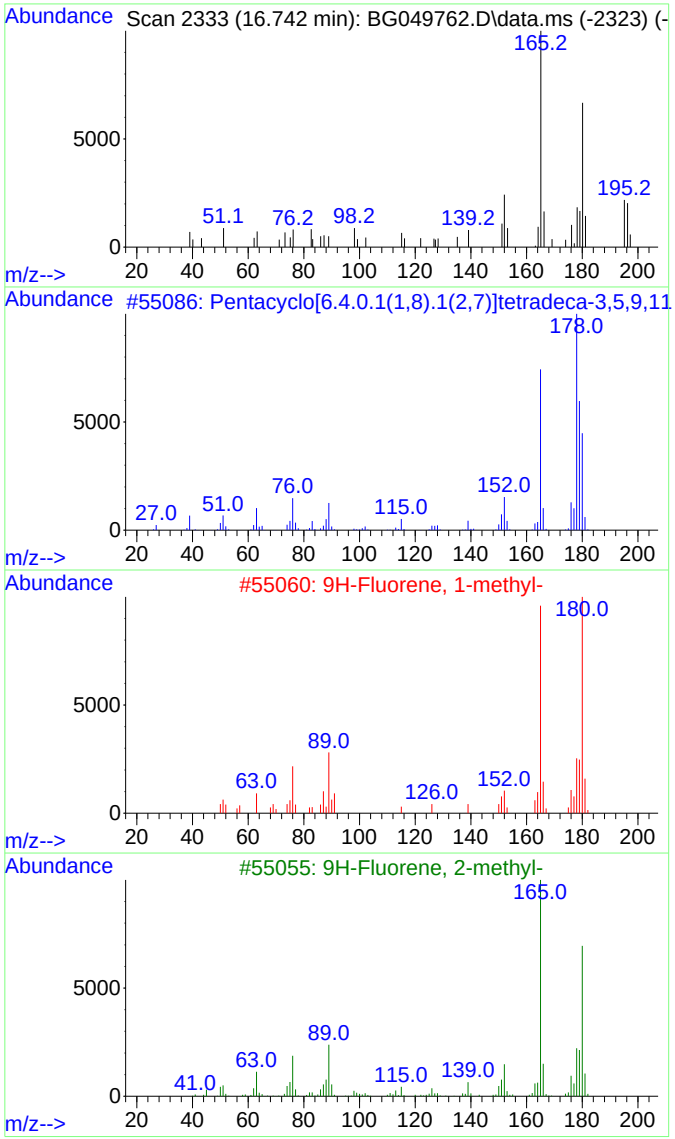
Quant Title : SVOA CALIBRATION

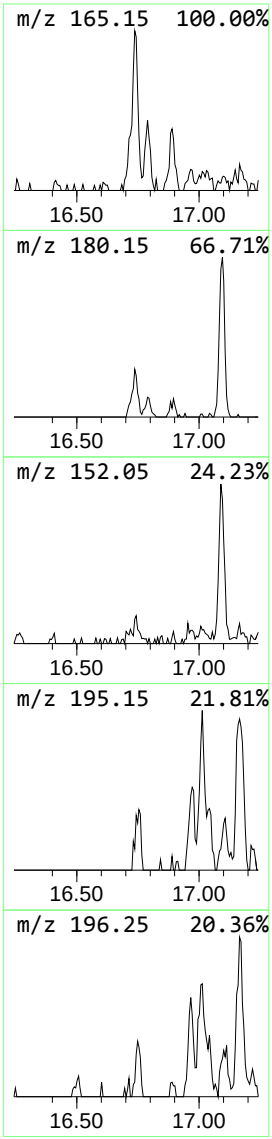
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentacyclo[6.4.0.1(1,8).1(2... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.743	2.01 ng/ul	42792	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	70
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	62
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	62
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	58
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	58





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Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

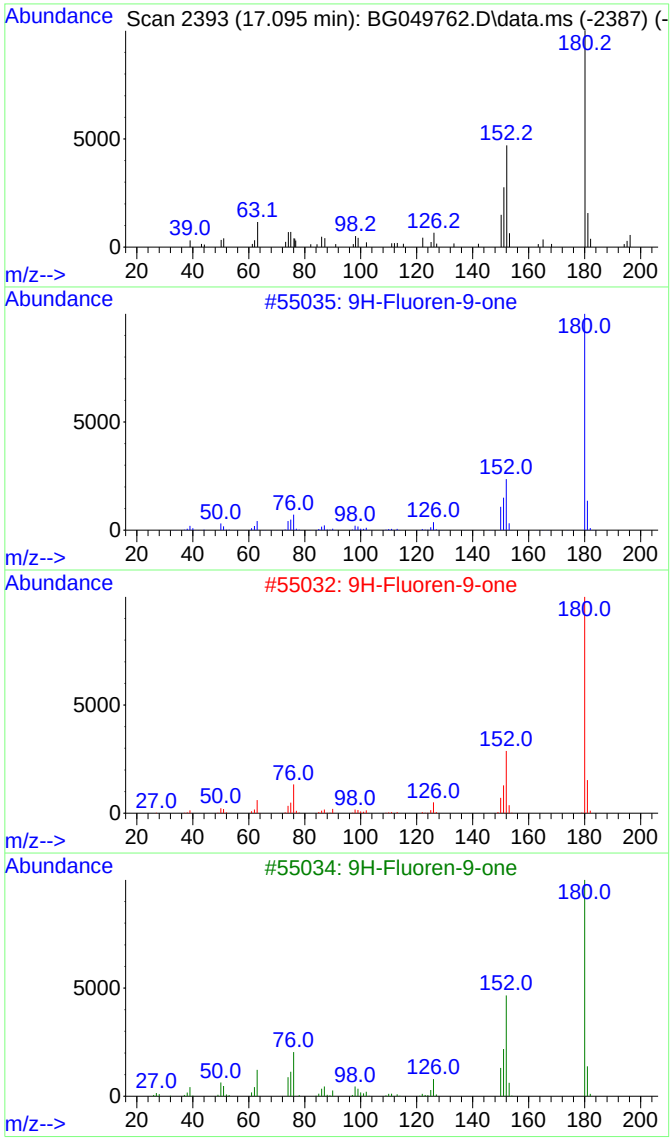
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

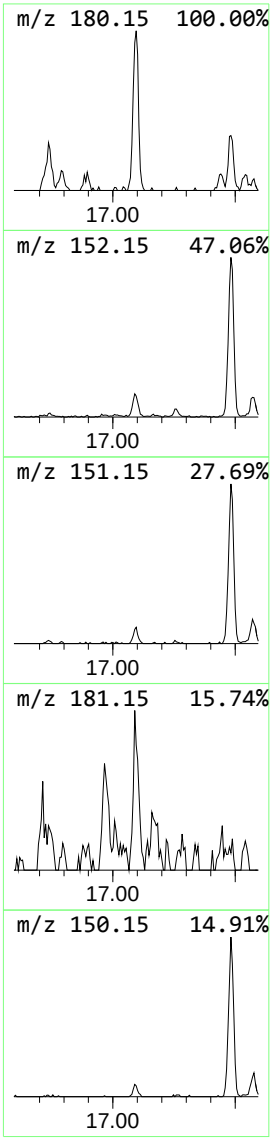
****

Peak Number 7 9H-Fluoren-9-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.095	2.99 ng/ul	63453	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	80





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Operator : CG/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

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Quant Title : SVOA CALIBRATION

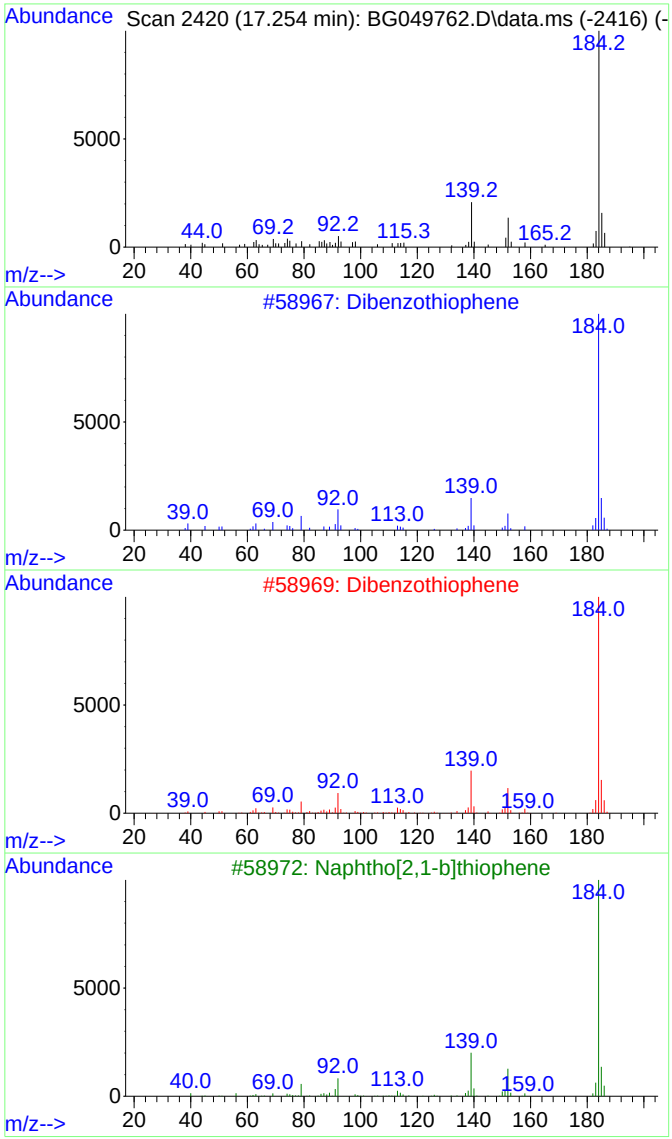
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

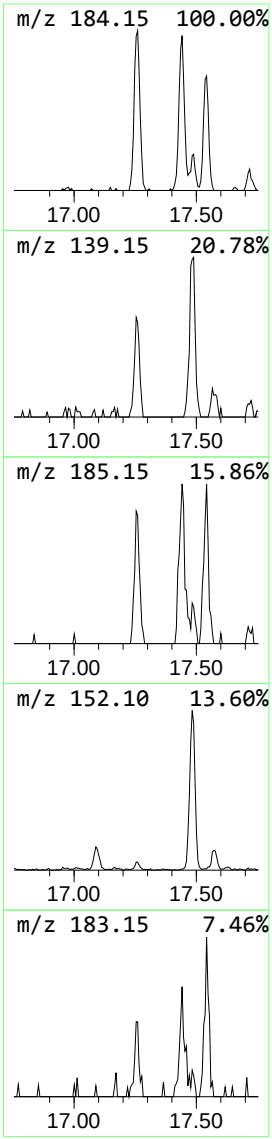
****

Peak Number 8 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.253	2.74 ng/ul	58125	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Acq On : 10 Aug 2021 18:28
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

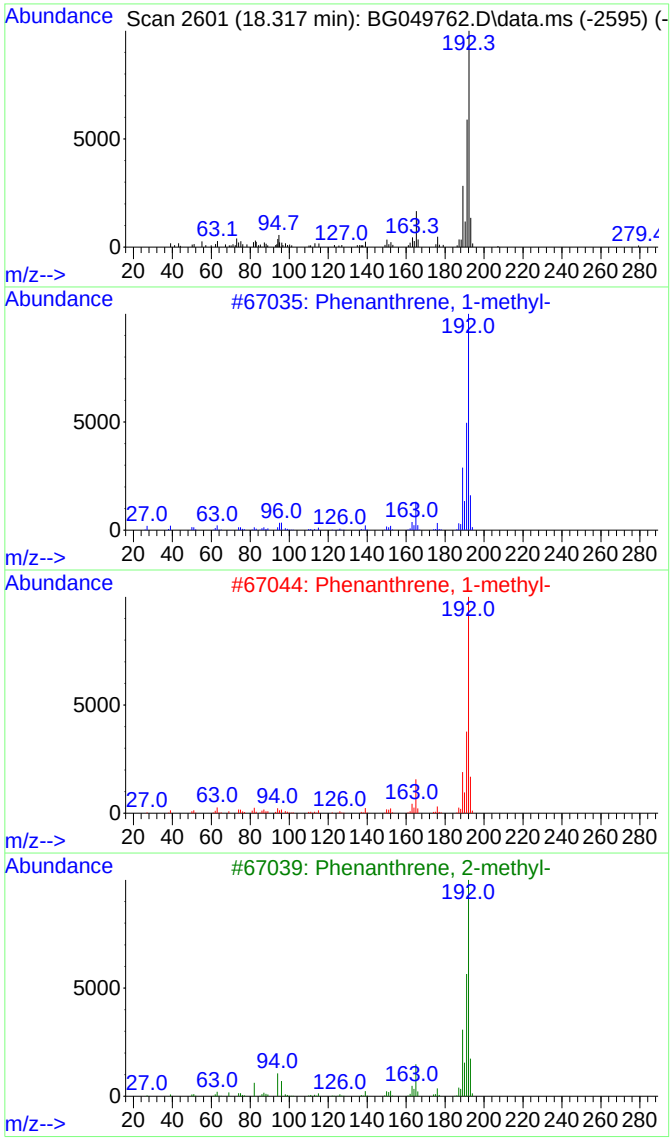
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

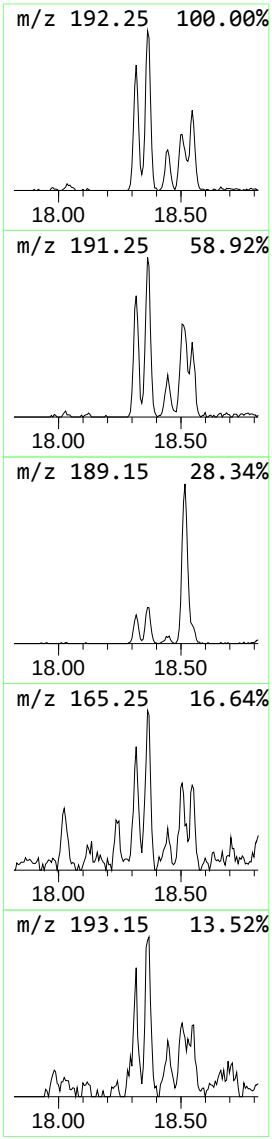
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.317	5.23 ng/ul	111038	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 10 Aug 2021 18:28
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

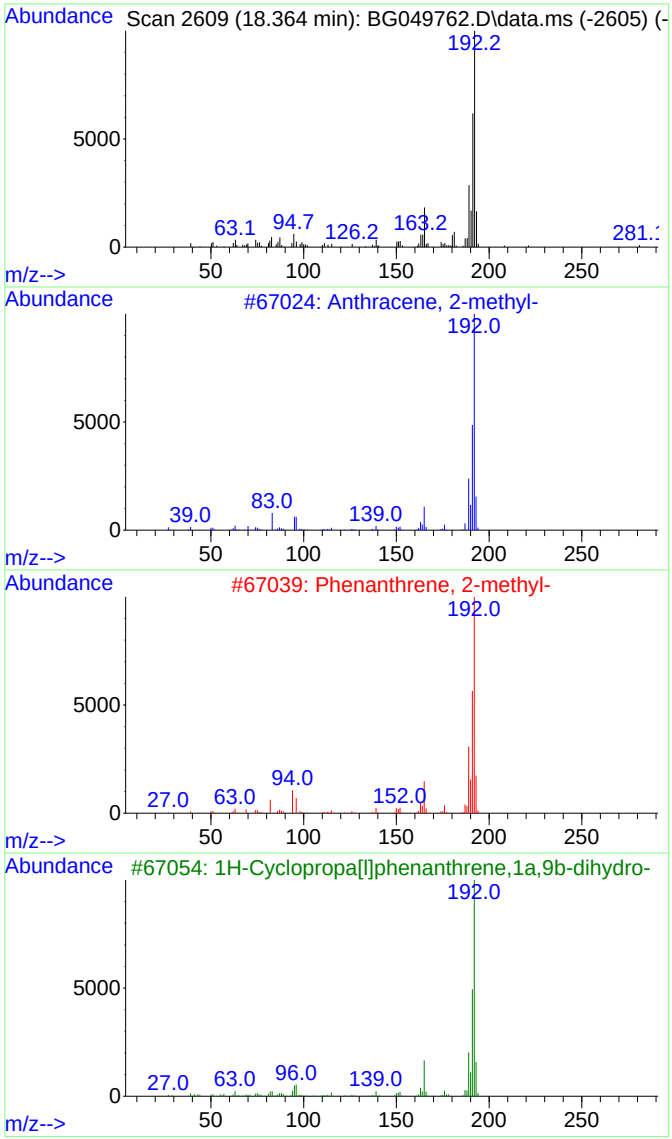
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

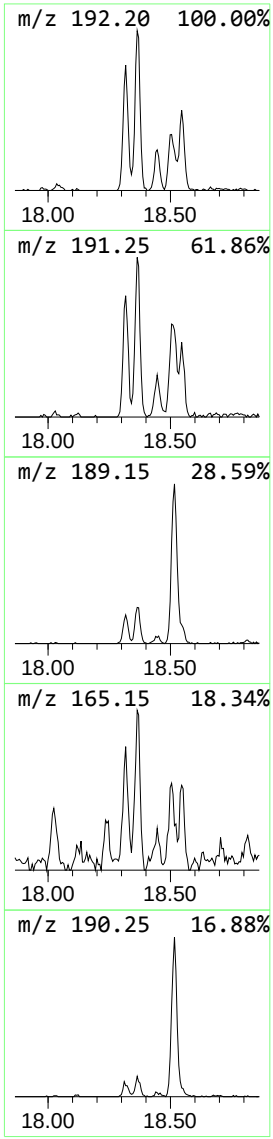
****

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.364	7.21 ng/ul	153040	Phenanthrene-d10	17.442

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	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

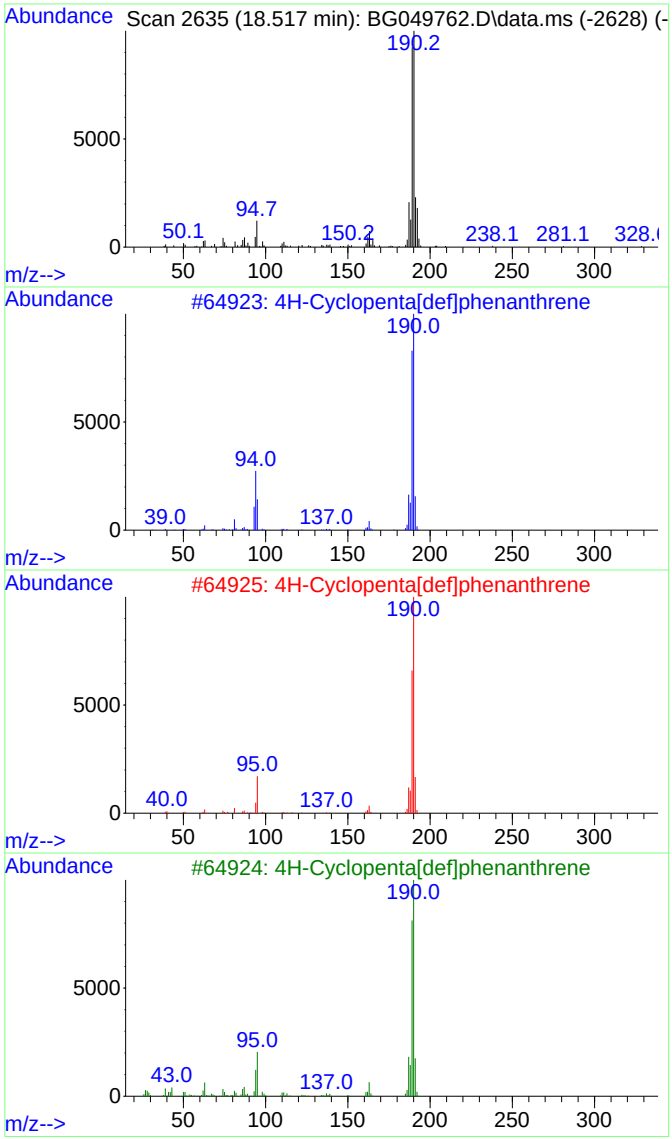
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

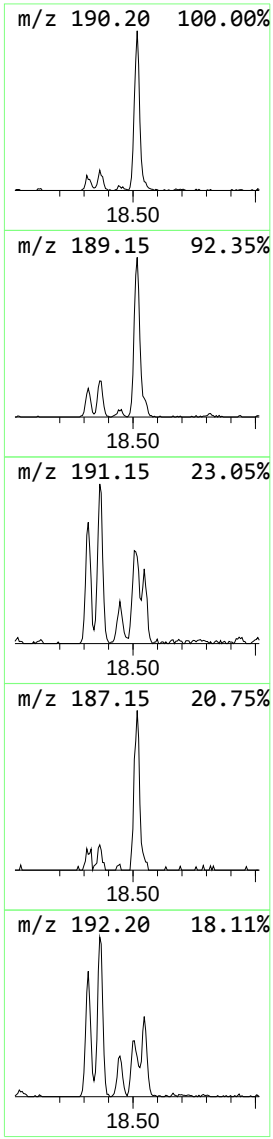
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.517	12.08 ng/ul	256568	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	36





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Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00D8

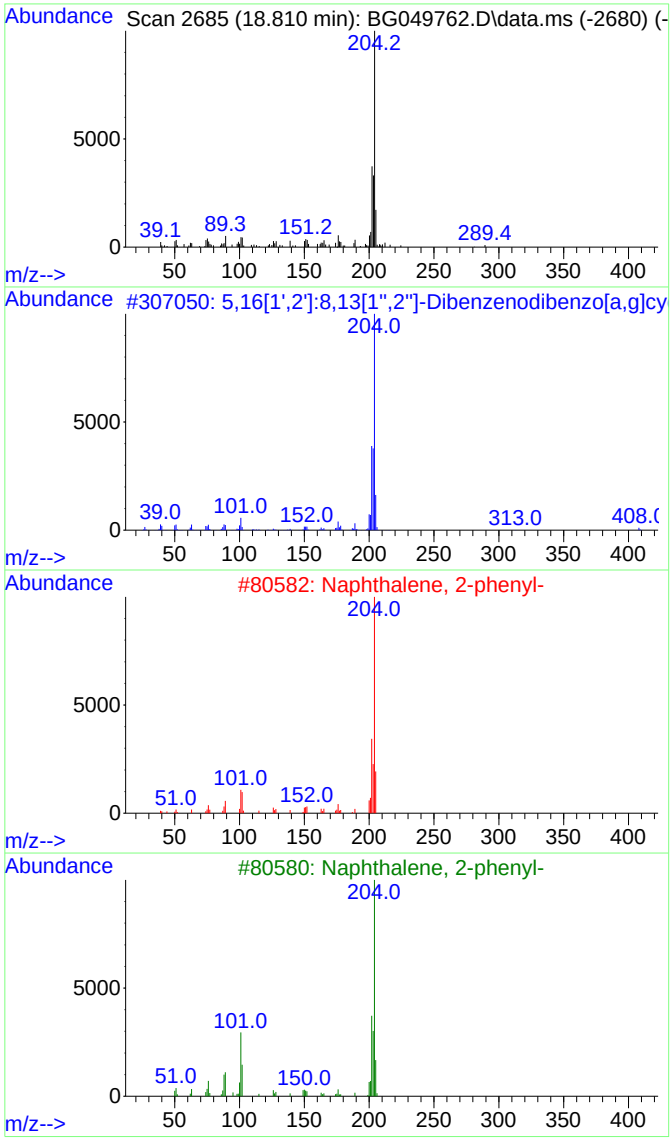
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

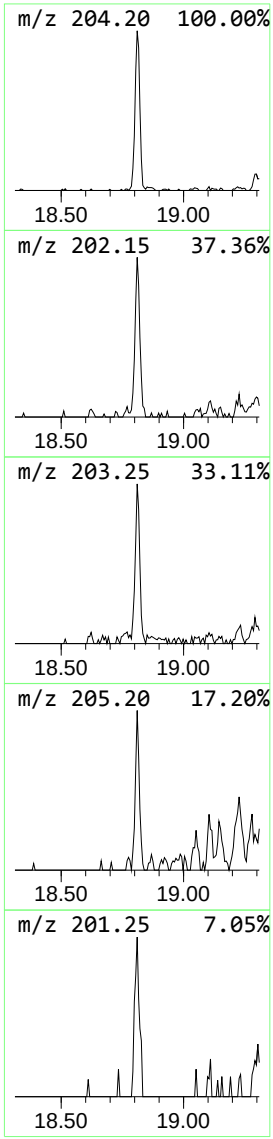
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	4.36 ng/ul	92562	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	72
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68





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Sample : M3182-20
Misc :
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

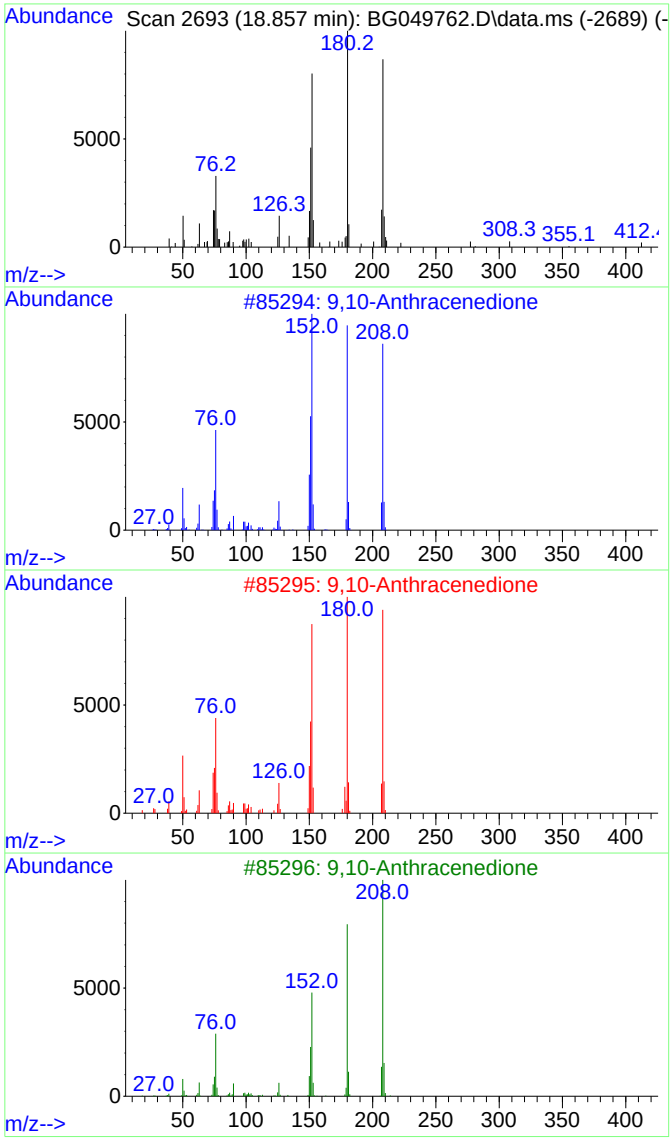
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

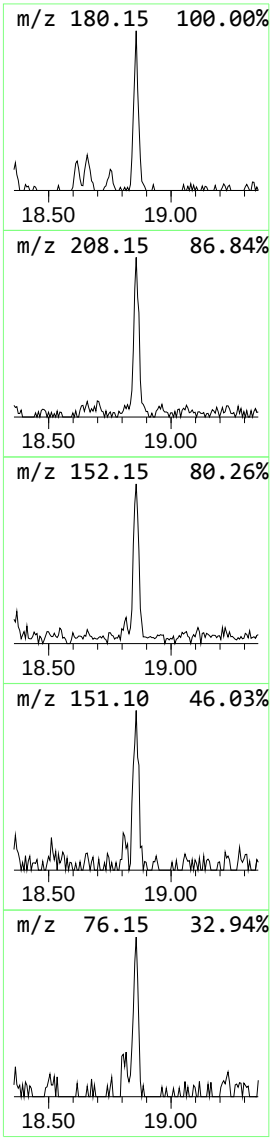
****

Peak Number 13 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.857	3.25 ng/ul	69017	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

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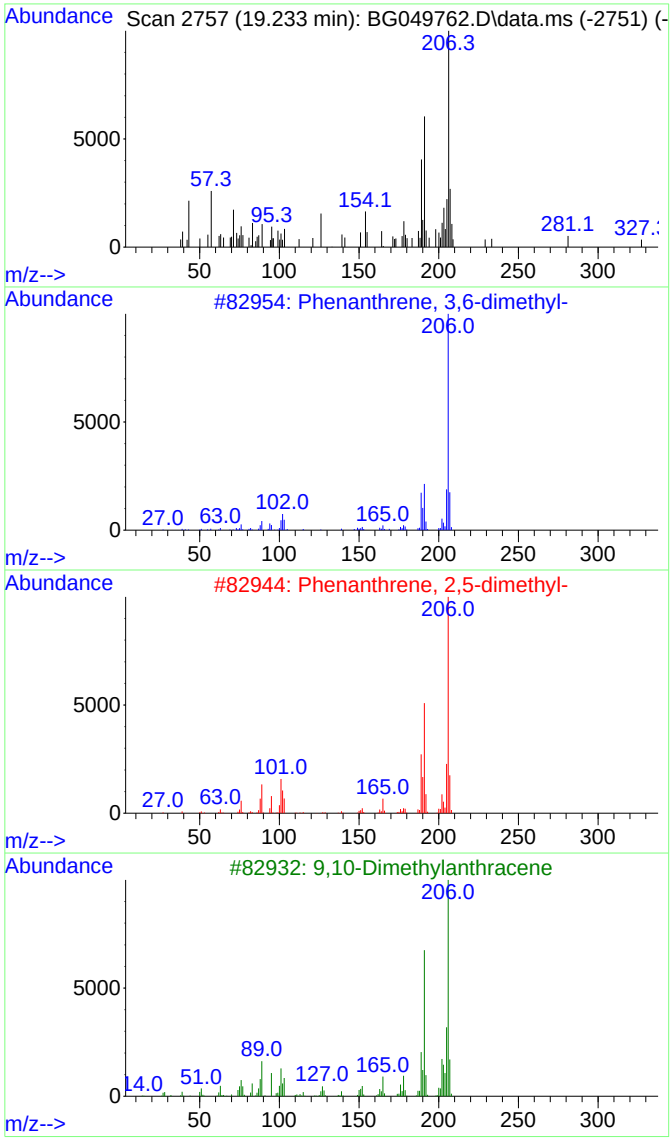
Quant Title : SVOA CALIBRATION

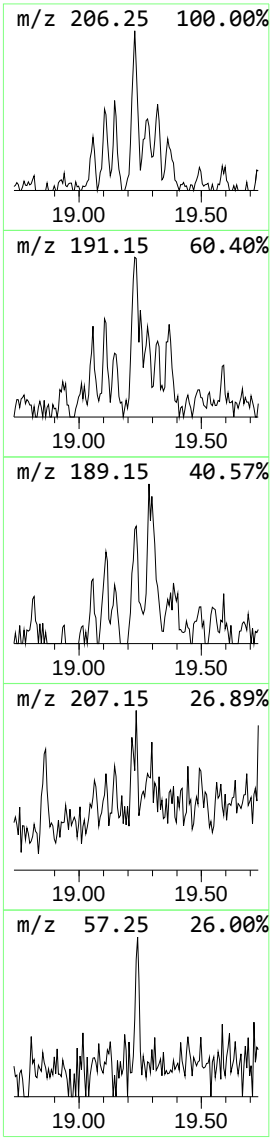
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	2.48 ng/ul	52673	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	68
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58





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Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

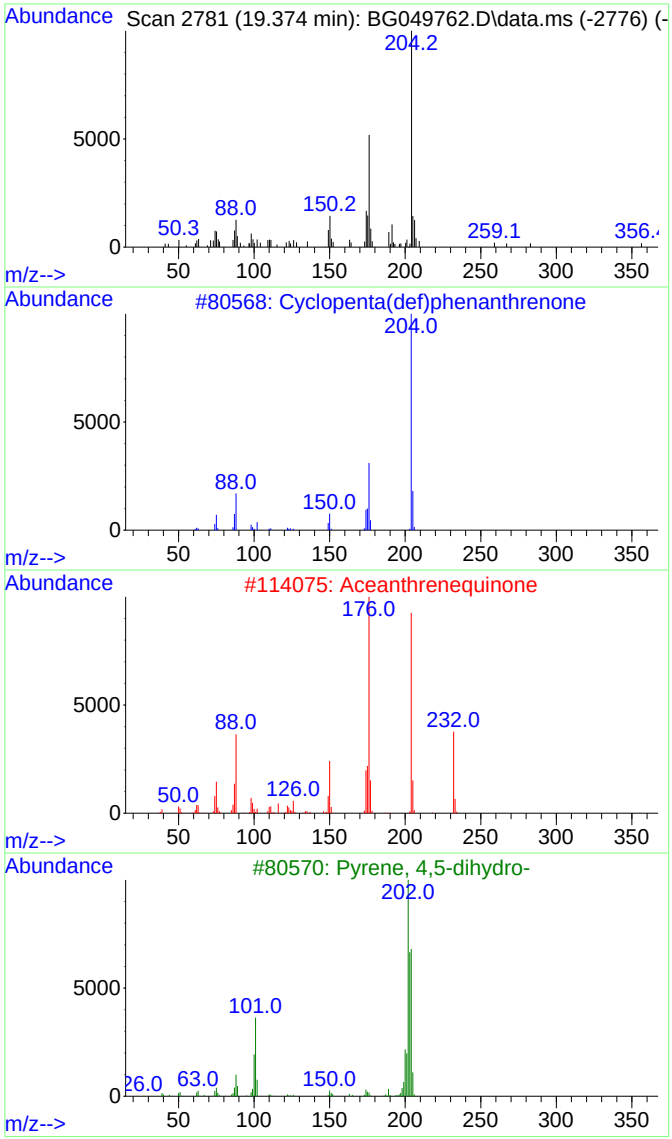
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

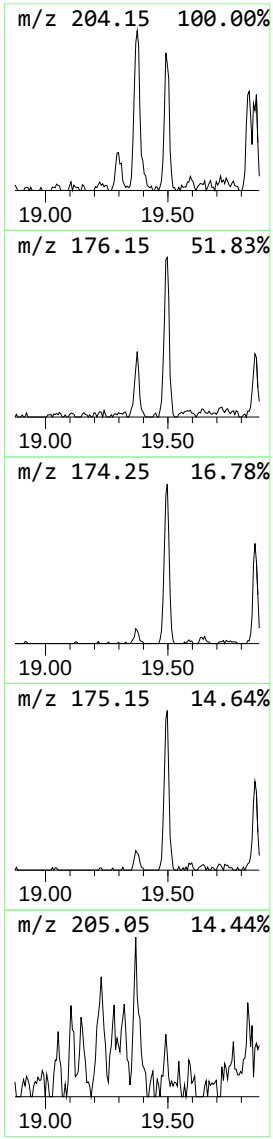
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.374	3.32 ng/ul	70449	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	Aceanthrenequinone	232	C16H8O2	006373-11-1	50
3	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	49
4	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





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Misc :
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Instrument : BNA_G
ClientSampleId : C00D8

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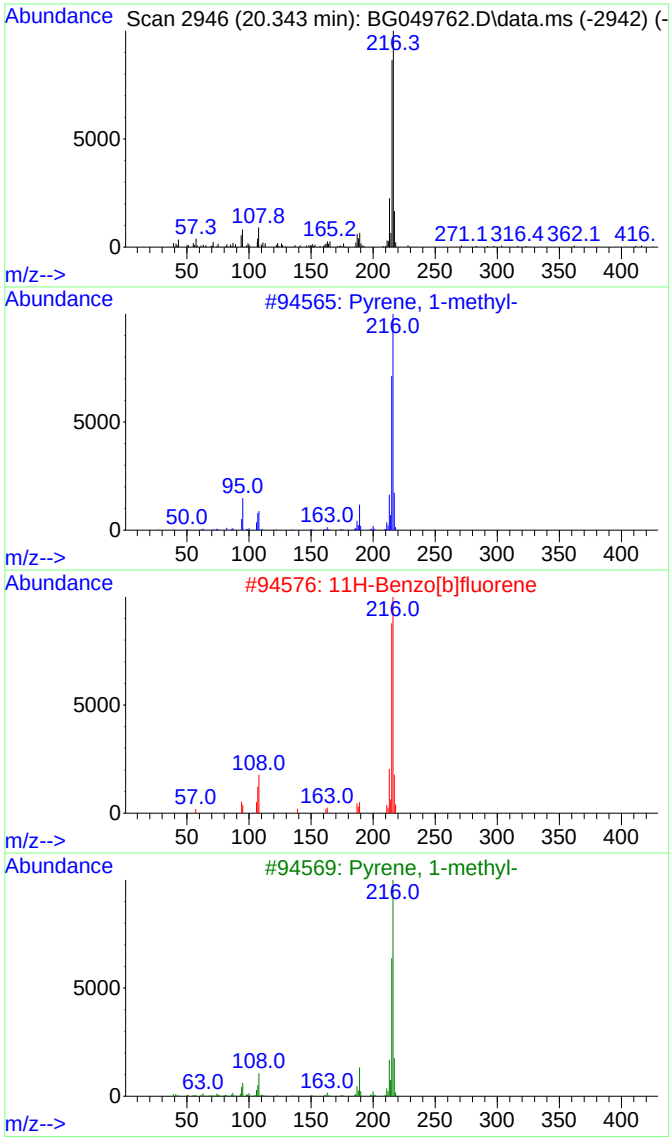
Quant Title : SVOA CALIBRATION

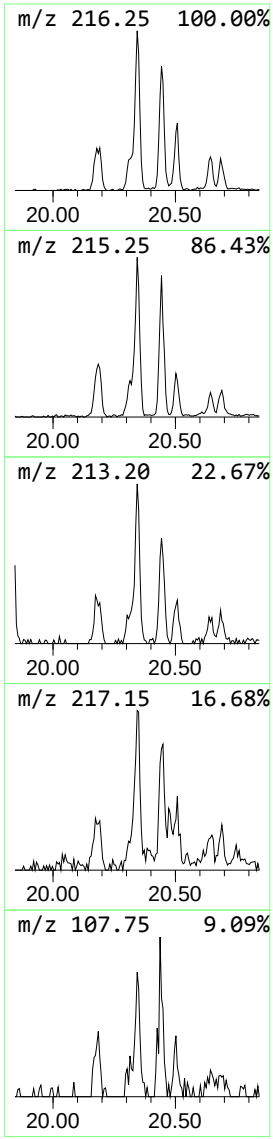
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.343	3.60 ng/ul	180981	Chrysene-d12	21.724

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	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	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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Data File : BG049762.D
Acq On : 10 Aug 2021 18:28
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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

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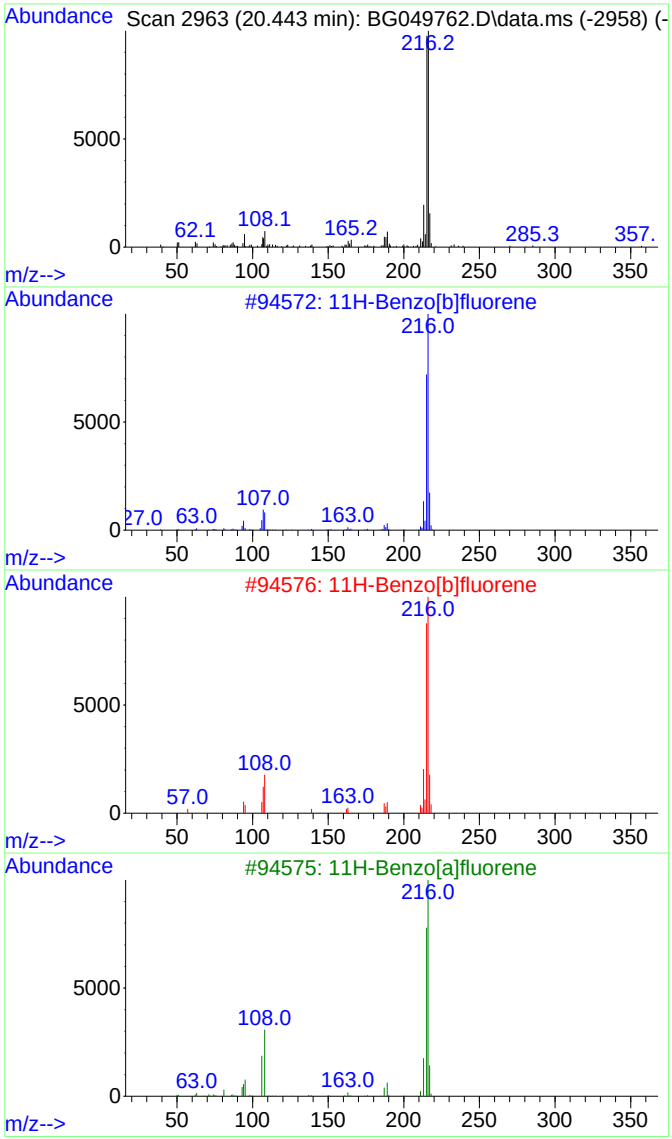
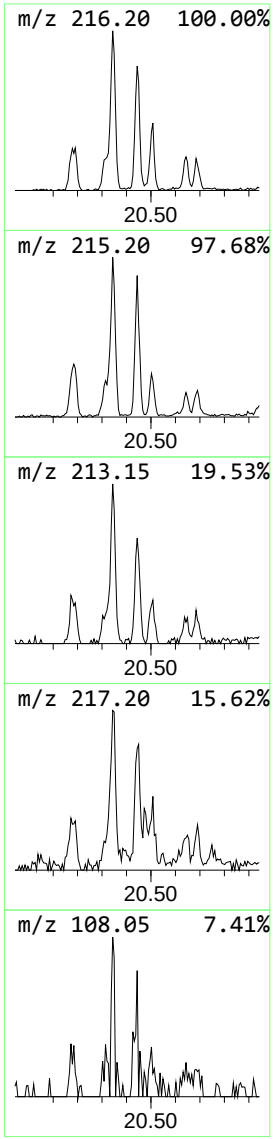
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.443	2.74 ng/ul	137955	Chrysene-d12	21.724

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049762.D
Acq On : 10 Aug 2021 18:28
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.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...	3.143	46.4	ng/ul	416046	1	8.037	179239	20.0
2,2-Dimethylval...	3.948	3.1	ng/ul	27644	1	8.037	179239	20.0
Ethanol, 2-(2-b...	10.616	4.1	ng/ul	50452	2	10.856	244401	20.0
Dibenzofuran, 4...	16.026	2.2	ng/ul	39721	3	14.686	366750	20.0
6H-Dibenzo[b,d]...	16.173	2.6	ng/ul	54419	4	17.442	424771	20.0
Pentacyclo[6.4....	16.743	2.0	ng/ul	42792	4	17.442	424771	20.0
9H-Fluoren-9-one	17.095	3.0	ng/ul	63453	4	17.442	424771	20.0
Dibenzothiophene	17.253	2.7	ng/ul	58125	4	17.442	424771	20.0
Phenanthrene, 1...	18.317	5.2	ng/ul	111038	4	17.442	424771	20.0
Anthracene, 2-m...	18.364	7.2	ng/ul	153040	4	17.442	424771	20.0
4H-Cyclopenta[d...	18.517	12.1	ng/ul	256568	4	17.442	424771	20.0
5,16[1',2']:8,1...	18.810	4.4	ng/ul	92562	4	17.442	424771	20.0
9,10-Anthracene...	18.857	3.3	ng/ul	69017	4	17.442	424771	20.0
Phenanthrene, 3...	19.233	2.5	ng/ul	52673	4	17.442	424771	20.0
Cyclopenta(def)...	19.374	3.3	ng/ul	70449	4	17.442	424771	20.0
Pyrene, 1-methyl-	20.343	3.6	ng/ul	180981	5	21.724	1006340	20.0
11H-Benzo[b]flu...	20.443	2.7	ng/ul	137955	5	21.724	1006340	20.0