LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050016.D
Acq On : 28 Aug 2021 4:37
Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX1

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: BG050017.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.762	120	123	130	rBV2	21622	44489	3.89%	0.264%
2	3.862	137	140	147	rVB4	13213	22984	2.01%	0.137%
3	4.085	174	178	185	rVB2	11986	20148	1.76%	0.120%
4	5.572	426	431	439	rBV2	17487	33942	2.97%	0.202%
5	5.947	490	495	502	rVB3	28929	48136	4.21%	0.286%
6	6.435	573	578	585	rBV6	8898	17975	1.57%	0.107%
7	7.134	686	697	709	rBV	101587	203167	17.76%	1.207%
8	7.287	717	723	729	rBV	72694	124340	10.87%	0.739%
9	7.498	751	759	766	rVV	107475	188285	16.46%	1.119%
10	7.604	774	777	782	rVB2	16213	23404	2.05%	0.139%
11	7.962	826	838	847	rBV	122958	226763	19.82%	1.348%
12	8.685	955	961	971	rBV	99839	185647	16.22%	1.103%
13	9.137	1031	1038	1045	rVV	109655	205061	17.92%	1.219%
14	9.860	1155	1161	1172	rBV2	99257	189143	16.53%	1.124%
15	10.412	1249	1255	1263	rBV	136361	251484	21.98%	1.494%
16	10.547	1273	1278	1290	rBV3	17812	37275	3.26%	0.222%
17	10.782	1312	1318	1324	rBV	157134	274787	24.01%	1.633%
18	10.835	1324	1327	1335	rVB	49898	81600	7.13%	0.485%
19	10.923	1335	1342	1350	rBV2	89578	173061	15.12%	1.028%
20	11.798	1483	1491	1497	rBV2	12486	21430	1.87%	0.127%
21	12.192	1552	1558	1566	rVV4	15987	26843	2.35%	0.160%
22	12.450	1596	1602	1607	rVB	66383	109150	9.54%	0.649%
23	12.668	1633	1639	1646	rBV	54874	90945	7.95%	0.540%
24	13.437	1763	1770	1779	rBV5	23152	59470	5.20%	0.353%
25	13.784	1824	1829	1830	rBV2	16215	20752	1.81%	0.123%
26	13.943	1850	1856	1861	rVV2	39686	74133	6.48%	0.441%
27	14.025	1861	1870	1877	rVV	258407	430336	37.61%	2.557%
28	14.089	1877	1881	1885	rVV4	16734	23953	2.09%	0.142%
29	14.183	1892	1897	1900	rVV2	25232	38298	3.35%	0.228%
30	14.318	1914	1920	1932	rVB	275784	467805	40.88%	2.780%
31	14.506	1948	1952	1959	rVB2	21042	27965	2.44%	0.166%
32	14.624	1964	1972	1978	rBV	268183	442266	38.65%	2.628%
33	14.689	1978	1983	1990	rVB4	32056	60534	5.29%	0.360%
34	14.859	2003	2012	2020	rBV3	75493	164289	14.36%	0.976%
35	15.023	2033	2040	2046	rVB	46179	81538	7.13%	0.485%
36	15.100	2047	2053	2056	rBV3	10701	16459	1.44%	0.098%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX1

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	15.241	2073	2077	2082	rVV4	11814	18955	1.66%	0.113%
38	15.364	2093	2098	2102	rVV	153827	214656	18.76%	1.276%
39	15.411	2102	2106	2110	rVV2	42644	68995	6.03%	0.410%
40	15.458	2110	2114	2120	rVB4	25183	39122	3.42%	0.232%
41	15.623	2132	2142	2146	rBV	345535	537062	46.94%	3.191%
42	15.670	2146	2150	2160	rVB4	50324	86055	7.52%	0.511%
43	15.752	2160	2164	2170	rBV	102941	152695	13.34%	0.907%
44	15.869	2181	2184	2192	rVV7	18778	39022	3.41%	0.232%
45	15.969	2192	2201	2206	rVV	33192	64310	5.62%	0.382%
46	16.116	2222	2226	2234	rVV	34135	71570	6.25%	0.425%
47	16.204	2234	2241	2248	rVB2	12603	27311	2.39%	0.162%
48	16.345	2257	2265	2271	rBV2	64633	132409	11.57%	0.787%
49	16.909	2353	2361	2366	rBV5	25090	63633	5.56%	0.378%
50	17.032	2377	2382	2389	rVV3	25964	39128	3.42%	0.233%
51	17.115	2390	2396	2401	rVV5	41954	73885	6.46%	0.439%
52	17.168	2402	2405	2407	rVV4	14265	19340	1.69%	0.115%
53	17.197	2407	2410	2418	rVB2	25110	39486	3.45%	0.235%
54	17.379	2435	2441	2444	rBV	333551	499464	43.65%	2.968%
55	17.420	2444	2448	2453	rVB	372432	541357	47.31%	3.217%
56	17.479	2453	2458	2462	rBV	352512	516831	45.17%	3.071%
57	17.573	2469	2474	2480	rVB5	8386	16808	1.47%	0.100%
58	17.696	2491	2495	2501	rVB5	12049	18722	1.64%	0.111%
59	17.784	2503	2510	2515	rBV2	41253	71954	6.29%	0.428%
60	17.855	2518	2522	2526	rVV5	32182	45294	3.96%	0.269%
61	17.961	2537	2540	2544	rVV4	12080	17406	1.52%	0.103%
62	18.025	2548	2551	2556	rBV4	15308	21498	1.88%	0.128%
63	18.254	2585	2590	2594	rBV	62607	90881	7.94%	0.540%
64	18.301	2594	2598	2606	rVB2	94044	150233	13.13%	0.893%
65	18.384	2608	2612	2617	rVB	22227	32419	2.83%	0.193%
66	18.454	2617	2624	2627	rBV3	83512	161586	14.12%	0.960%
67	18.489	2628	2630	2635	rVB	51766	52970	4.63%	0.315%
68	18.548	2635	2640	2646	rBV3	36909	52612	4.60%	0.313%
69	18.607	2646	2650	2653	rBV5	12974	20315	1.78%	0.121%
70	18.754	2670	2675	2678	rBV	52078	73093	6.39%	0.434%
71	18.801	2679	2683	2693	rVB3	43664	73789	6.45%	0.438%
72	19.000	2713	2717	2721	rVB4	18044	22923	2.00%	0.136%
73	19.177	2741	2747	2750	rBV3	64025	106808	9.33%	0.635%
74	19.318	2765	2771	2779	rVB3	34644	77468	6.77%	0.460%
75	19.435	2785	2791	2797	rVB	718399	1004555	87.79%	5.969%
76	19.535	2804	2808	2812	rVB5	21894	32069	2.80%	0.191%

LSC Area Percent Report

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Acq On : 28 Aug 2021 4:37
Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX1

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

77	19.682	2829	2833	2835	rBV	19216	23256	2.03%	0.138%
78	19.770	2842	2848	2850	rBV2	545423	837478	73.19%	4.977%
79	19.799	2850	2853	2860	rVV	574933	786325	68.72%	4.673%
80	19.870	2860	2865	2870	rVB2	38909	61909	5.41%	0.368%
81	19.976	2878	2883	2888	rVB	42130	66794	5.84%	0.397%
82	20.117	2901	2907	2908	rBV3	41585	67064	5.86%	0.399%
83	20.252	2925	2930	2931	rBV4	32250	52815	4.62%	0.314%
84	20.287	2932	2936	2941	rVB2	129419	187043	16.35%	1.111%
85	20.387	2949	2953	2957	rBV2	71170	98740	8.63%	0.587%
86	20.445	2957	2963	2967	rVV2	52177	101990	8.91%	0.606%
87	20.528	2973	2977	2981	rVB3	21428	30652	2.68%	0.182%
88	20.586	2984	2987	2991	rBV	30766	41030	3.59%	0.244%
89	21.051	3062	3066	3072	rVB	61814	90049	7.87%	0.535%
90	21.233	3093	3097	3101	rBV2	47257	72090	6.30%	0.428%
91	21.274	3101	3104	3109	rBV4	57685	86978	7.60%	0.517%
92	21.644	3159	3167	3173	rBV3	437167	1144239	100.00%	6.799%
93	21.697	3173	3176	3188	rVB	289775	498424	43.56%	2.962%
94	22.055	3233	3237	3243	rVB4	46513	95906	8.38%	0.570%
95	22.431	3297	3301	3304	rBV3	39334	66557	5.82%	0.396%
96	23.853	3535	3543	3550	rBV	223800	710614	62.10%	4.223%
97	24.575	3661	3666	3673	rBV2	97883	252265	22.05%	1.499%
98	24.657	3674	3680	3686	rVV3	207691	555346	48.53%	3.300%
99	24.728	3688	3692	3703	rVB	192105	456145	39.86%	2.711%
100	24.875	3709	3717	3726	rBV2	189854	548165	47.91%	3.257%

Sum of corrected areas: 16828420

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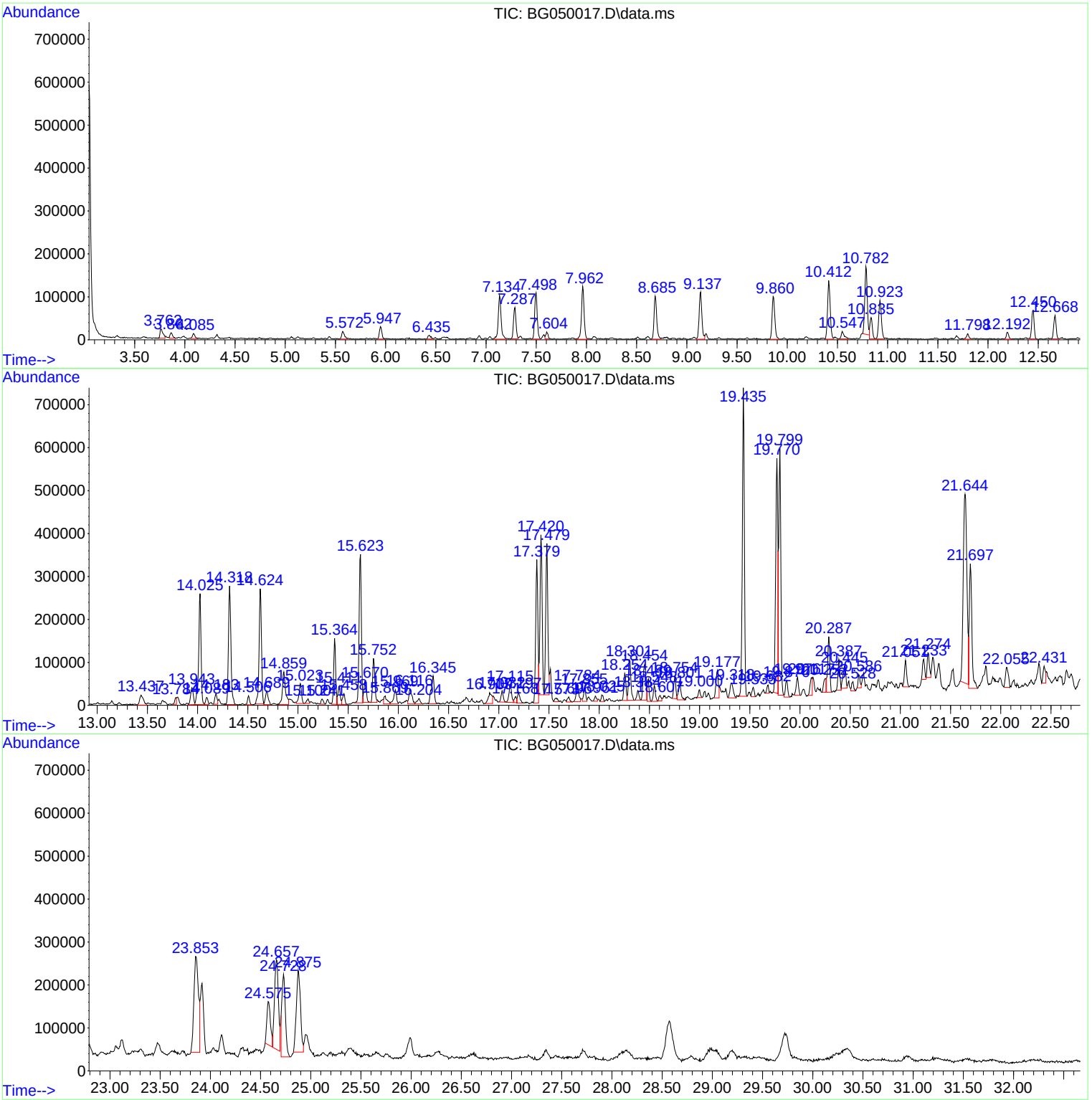
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AX1

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 : BG050016.D
Acq On : 28 Aug 2021 4:37
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Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

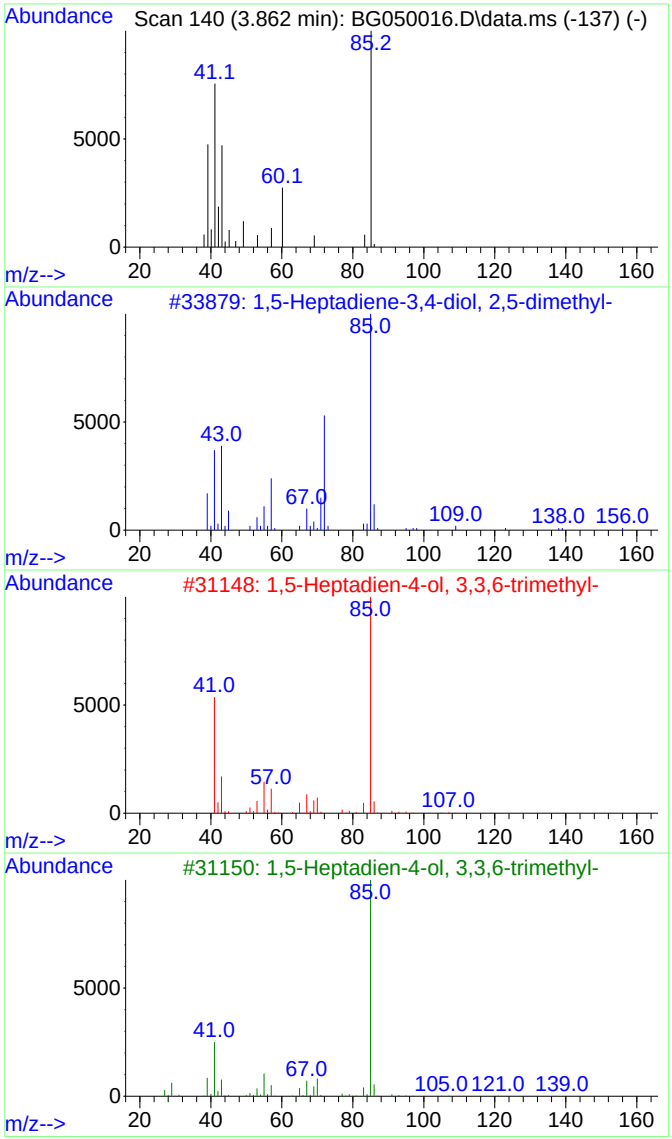
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

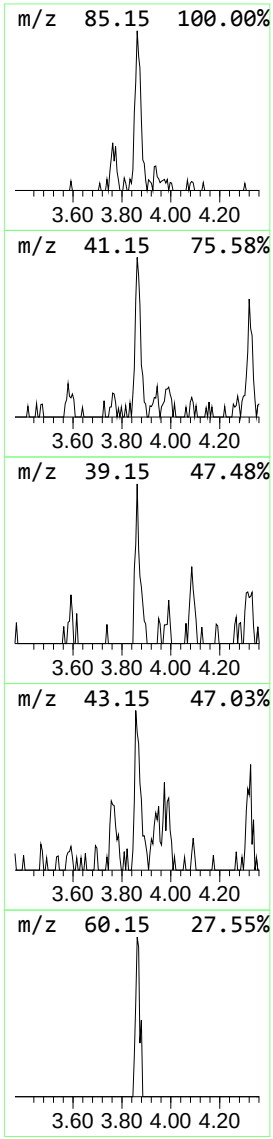
****

Peak Number 1 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.862	2.03 ng/ul	22984	1,4-Dichlorobenzene-d4	7.962

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Heptadiene-3,4-diol, 2,5-dim...	156	C9H16O2	022607-16-5	9
2	1,5-Heptadien-4-ol, 3,3,6-trimet...	154	C10H18O	027644-04-8	9
3	1,5-Heptadien-4-ol, 3,3,6-trimet...	154	C10H18O	027644-04-8	9
4	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	9
5	Isothiazole	85	C3H3NS	000288-16-4	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050016.D
Acq On : 28 Aug 2021 4:37
Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AX1

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

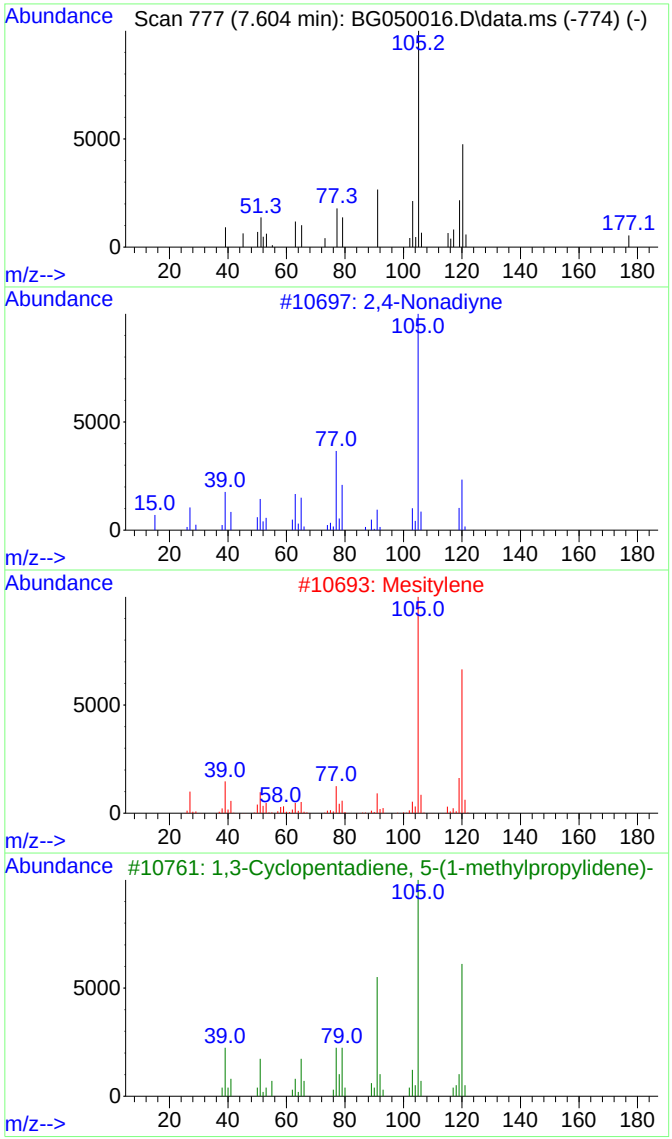
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

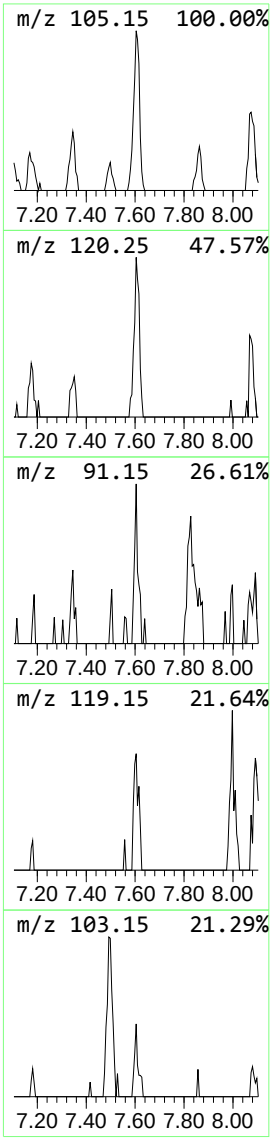
****

Peak Number 4 2,4-Nonadiyne Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.604	2.06 ng/ul	23404	1,4-Dichlorobenzene-d4	7.962

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Nonadiyne	120	C9H12	063621-15-8	70
2	Mesitylene	120	C9H12	000108-67-8	58
3	1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	53
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	53
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
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Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AX1

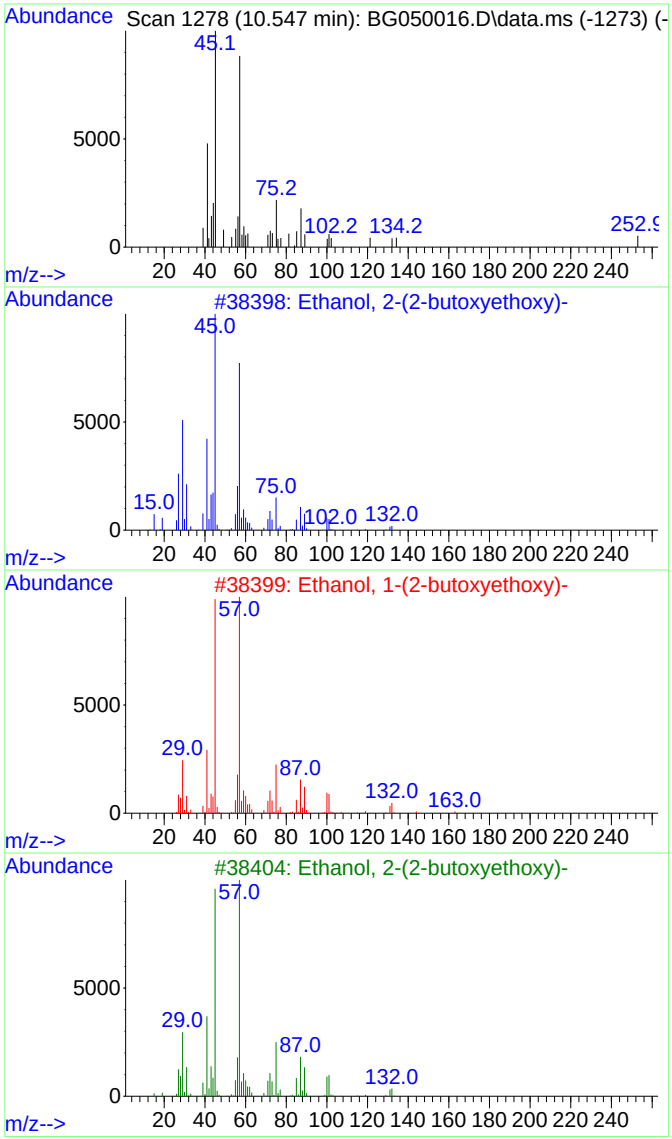
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

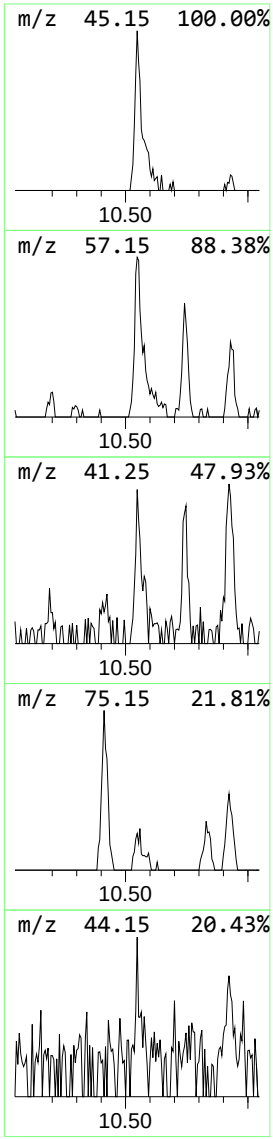
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.547	2.71 ng/ul	37275	Naphthalene-d8	10.782

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	47





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AX1

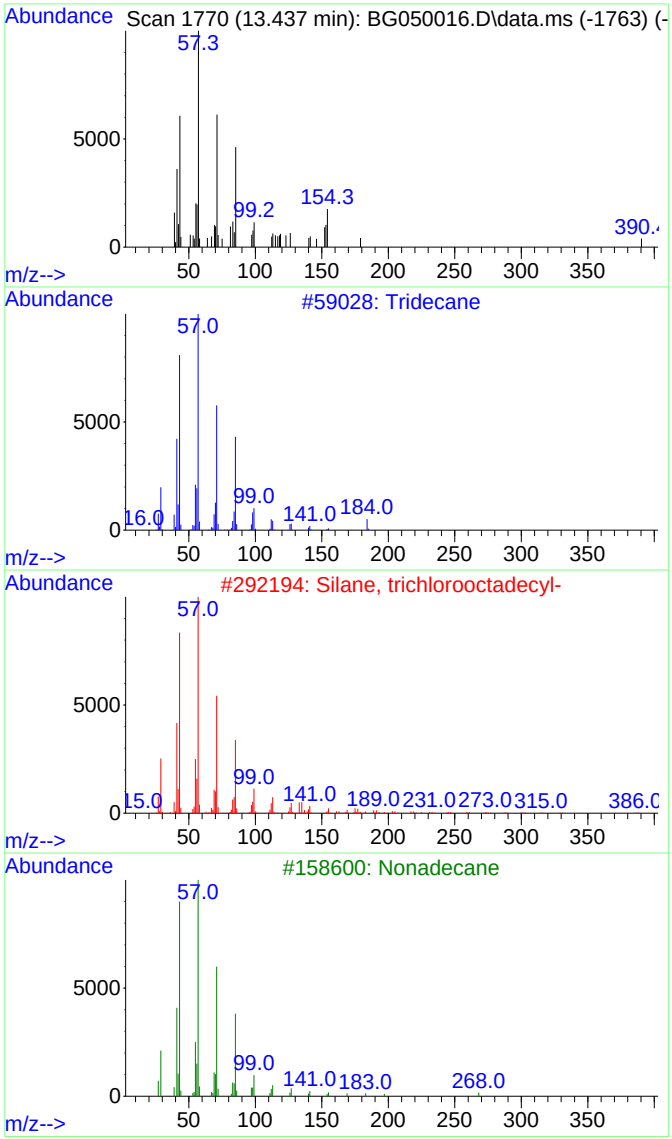
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

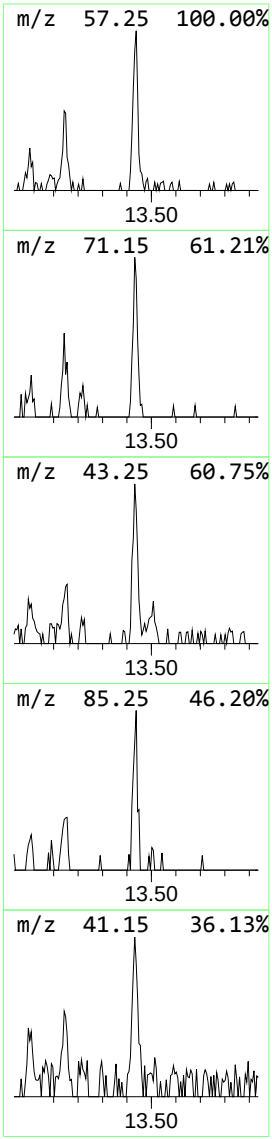
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.437	2.69 ng/ul	59470	Acenaphthene-d10	14.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
3	Nonadecane	268	C19H40	000629-92-5	64
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
5	Heptadecane	240	C17H36	000629-78-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050016.D
Acq On : 28 Aug 2021 4:37
Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX1

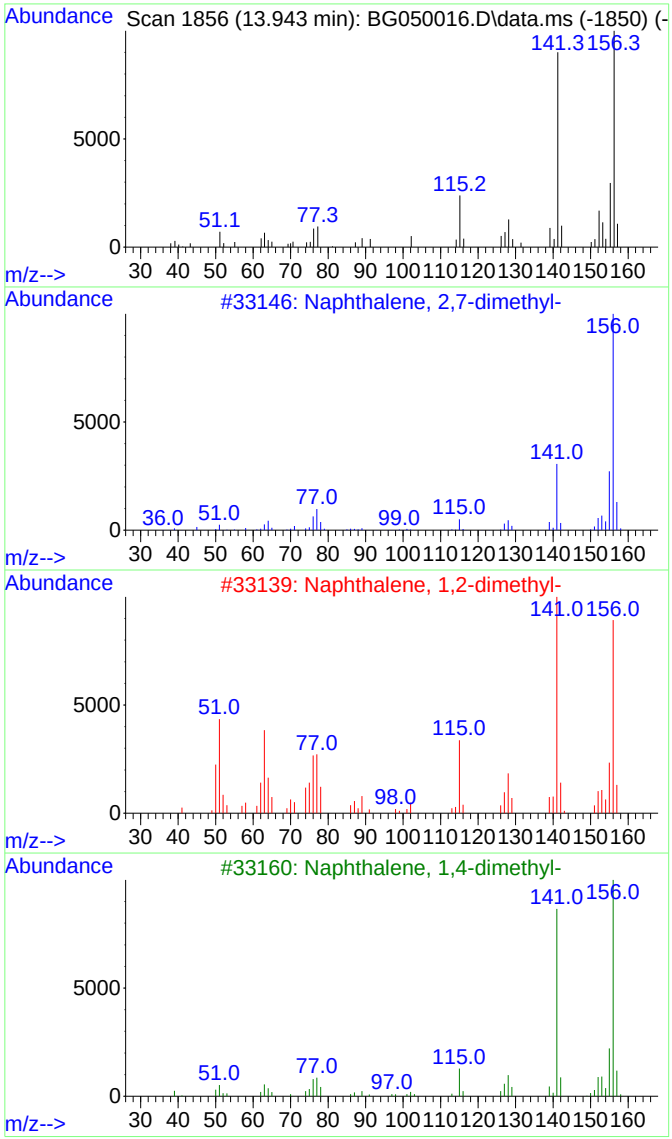
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

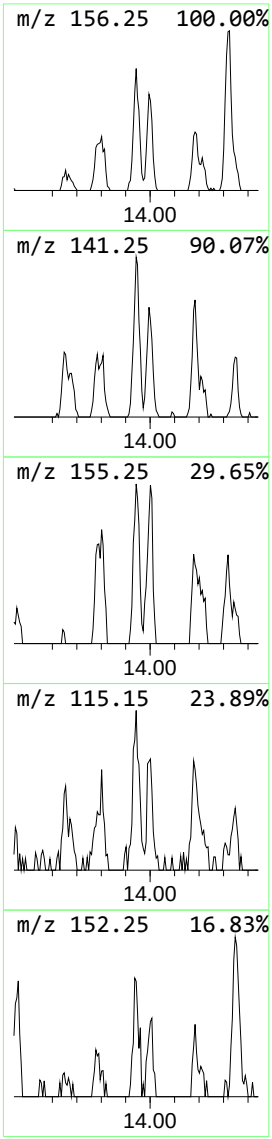
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.943	3.35 ng/ul	74133	Acenaphthene-d10	14.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93





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Acq On : 28 Aug 2021 4:37
Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AX1

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Quant Title : SVOA CALIBRATION

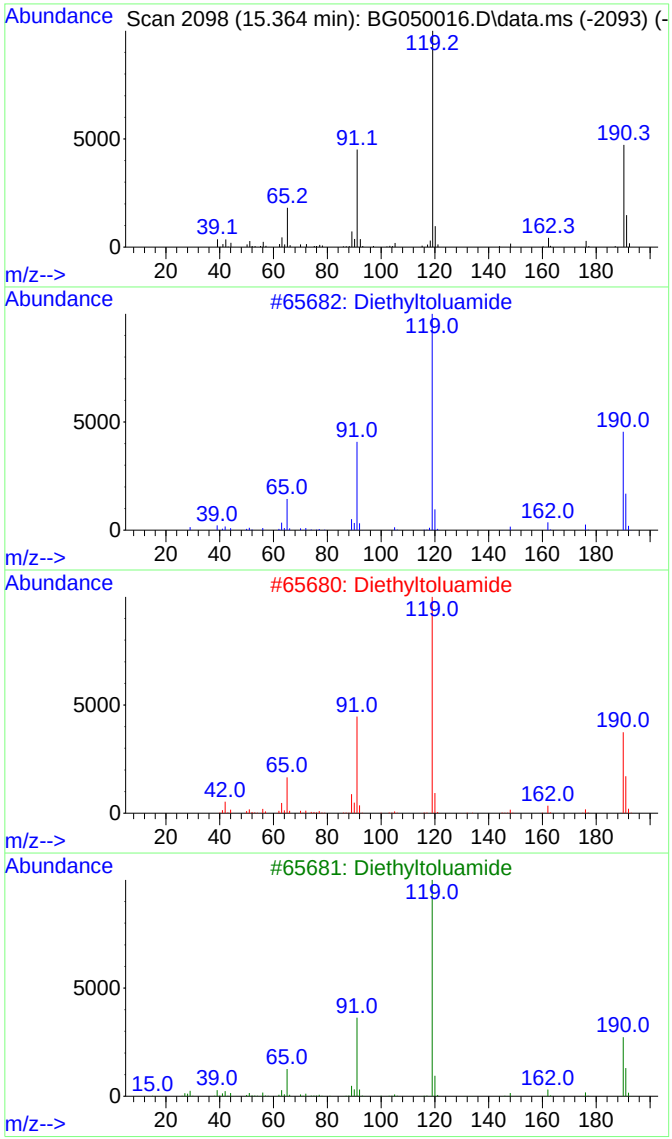
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

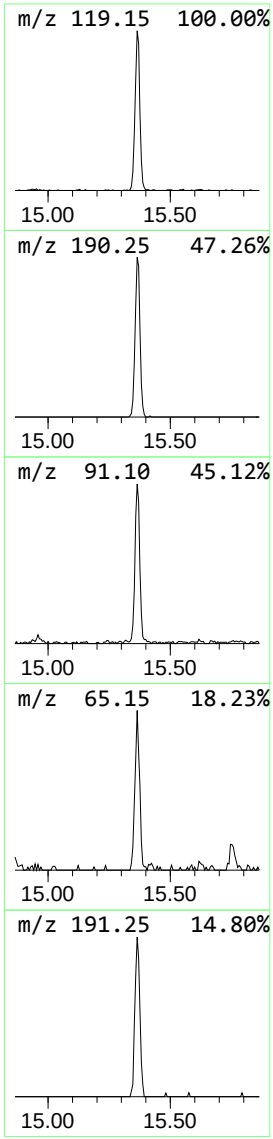
****

Peak Number 8 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.364	9.71 ng/ul	214656	Acenaphthene-d10	14.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	95
4	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	93
5	Diethyltoluamide	191	C12H17NO	000134-62-3	93





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Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AX1

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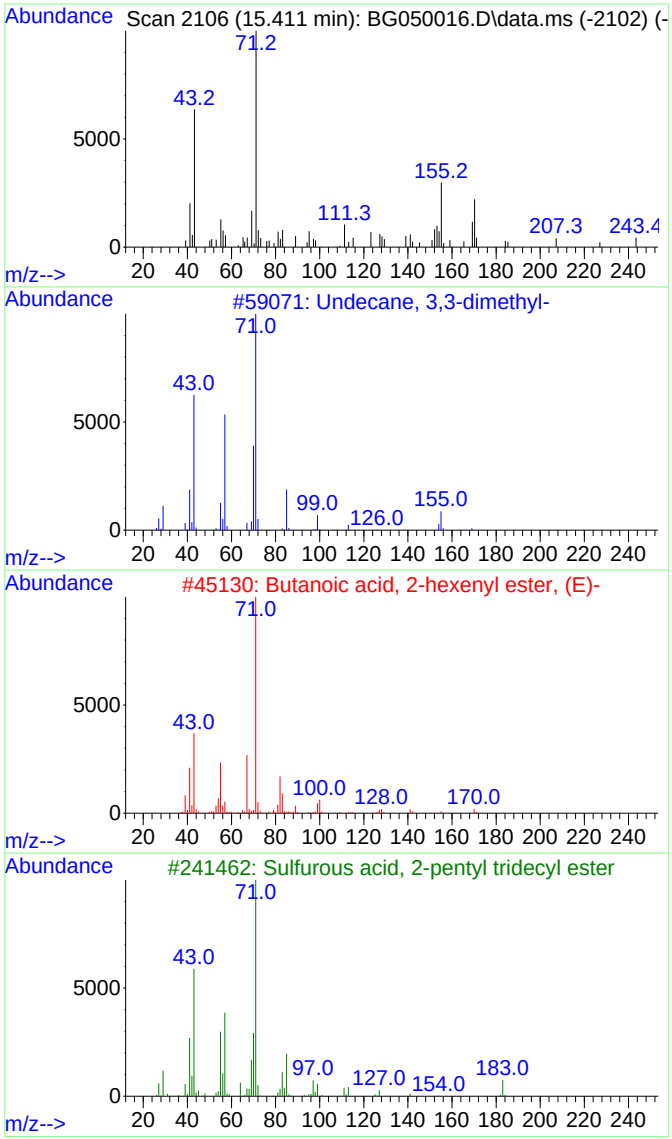
Quant Title : SVOA CALIBRATION

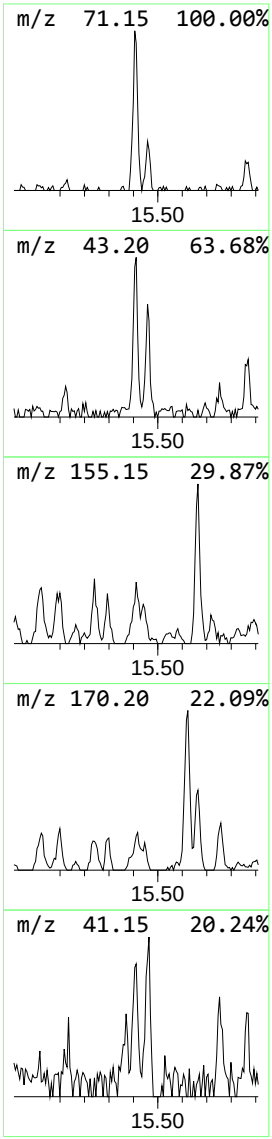
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.411	3.12 ng/ul	68995	Acenaphthene-d10	14.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	38
2	Butanoic acid, 2-hexenyl ester, ...	170	C10H18O2	053398-83-7	38
3	Sulfurous acid, 2-pentyl tridecy...	334	C18H38O3S	1000309-16-2	38
4	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	38
5	Cyclobutylcarboxamide, N-methallyl-	153	C9H15NO	1000340-37-0	38





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Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AX1

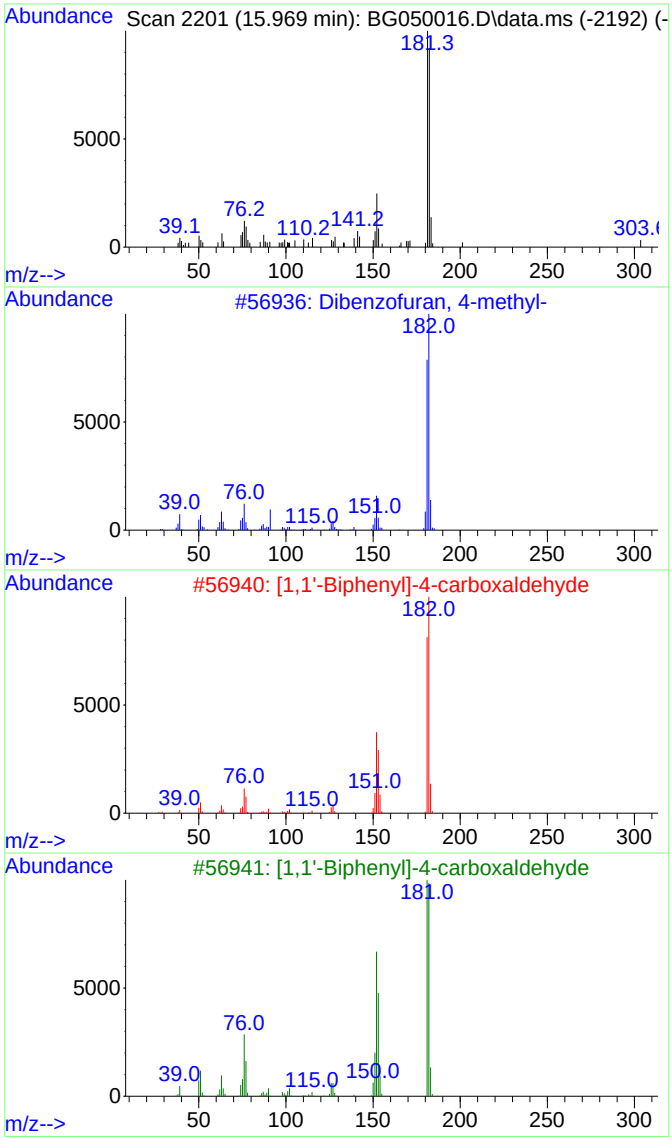
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

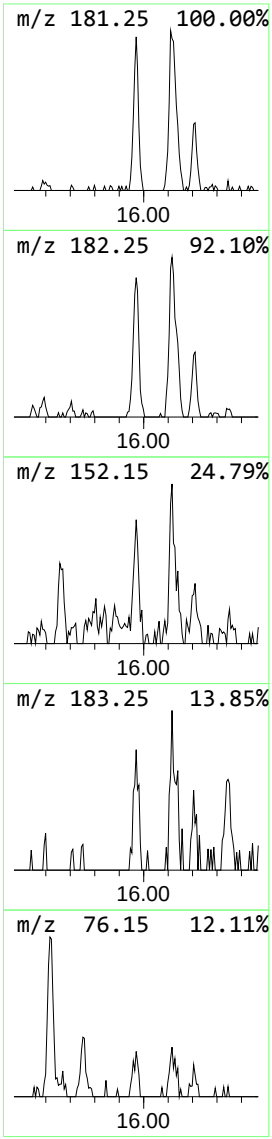
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.969	2.91 ng/ul	64310	Acenaphthene-d10	14.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	90
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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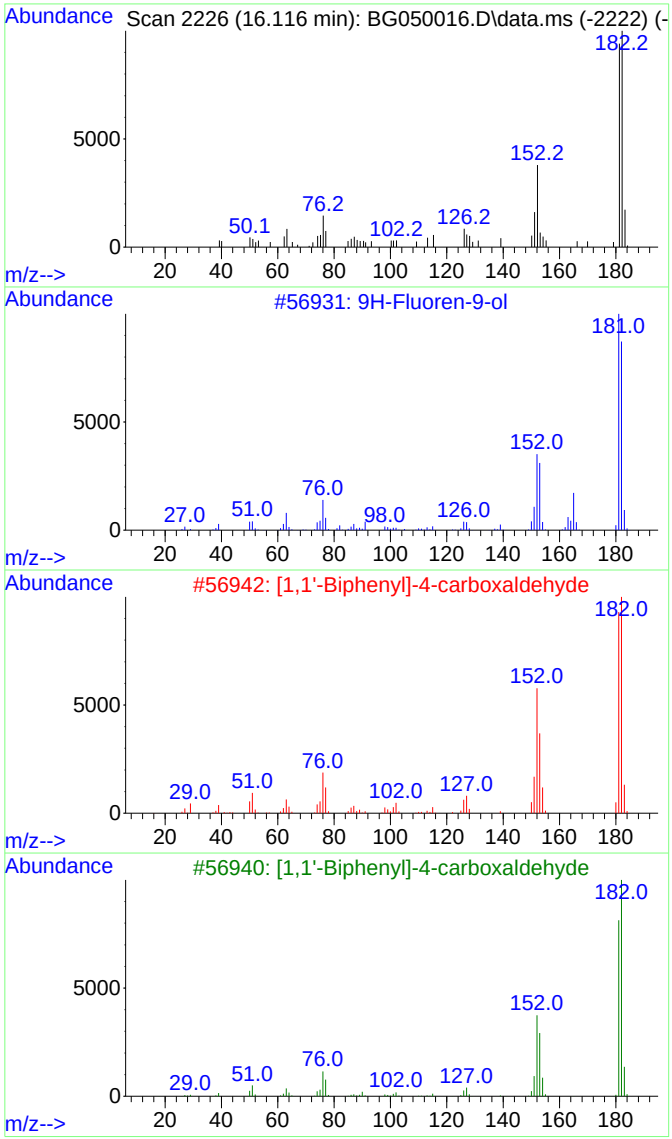
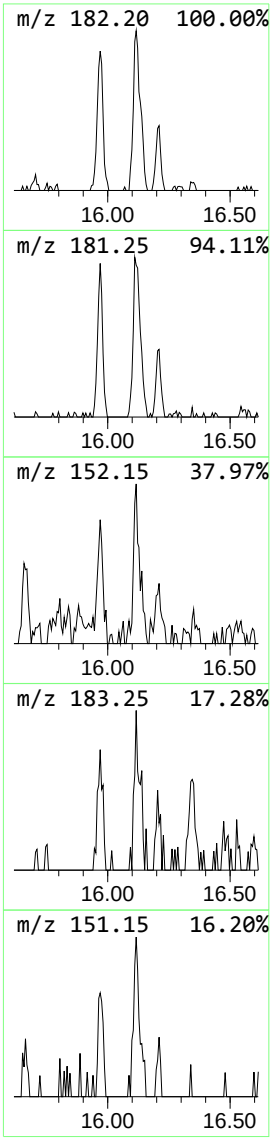
Peak Number 11 9H-Fluoren-9-ol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.116	2.87 ng/ul	71570	Phenanthrene-d10	17.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90





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Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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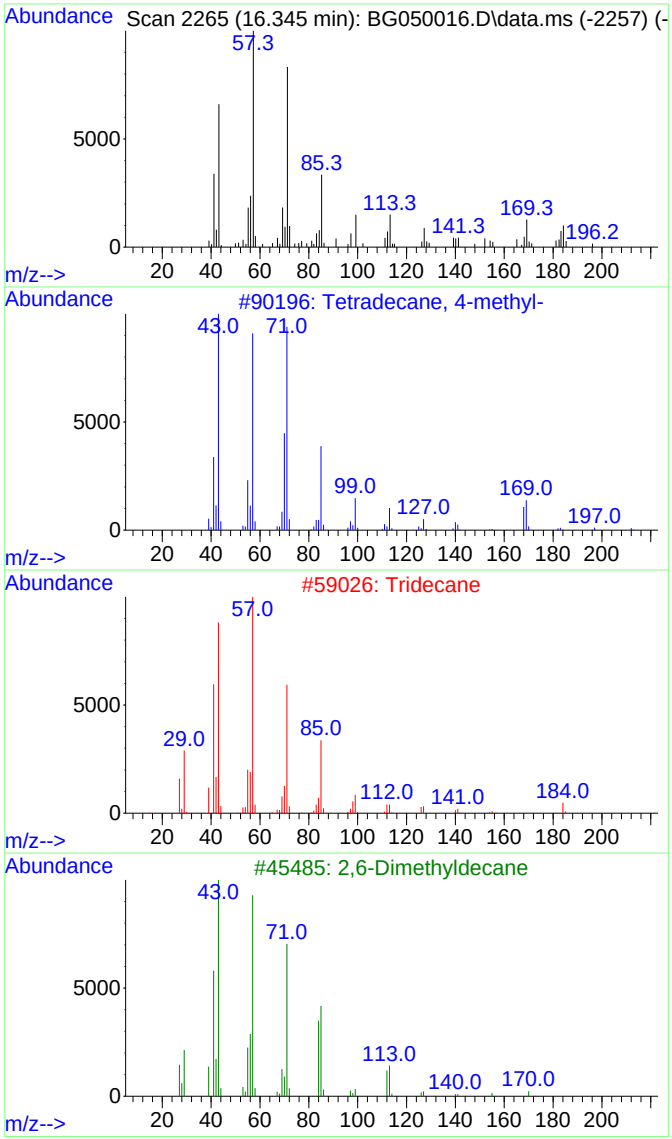
Quant Title : SVOA CALIBRATION

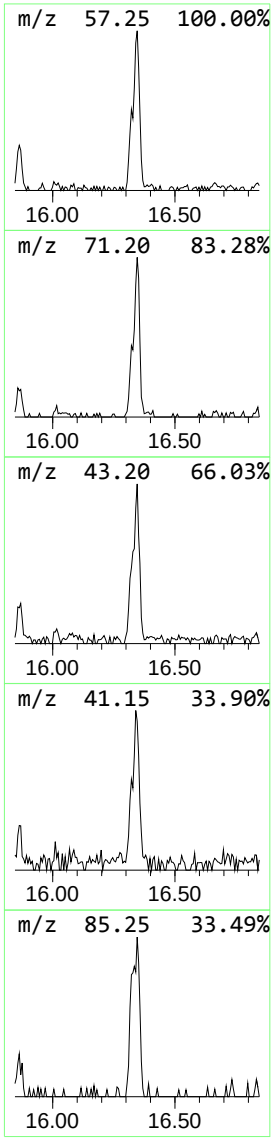
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.345	5.30 ng/ul	132409	Phenanthrene-d10	17.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80
2	Tridecane	184	C13H28	000629-50-5	80
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	72
4	Tridecane	184	C13H28	000629-50-5	68
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64





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Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

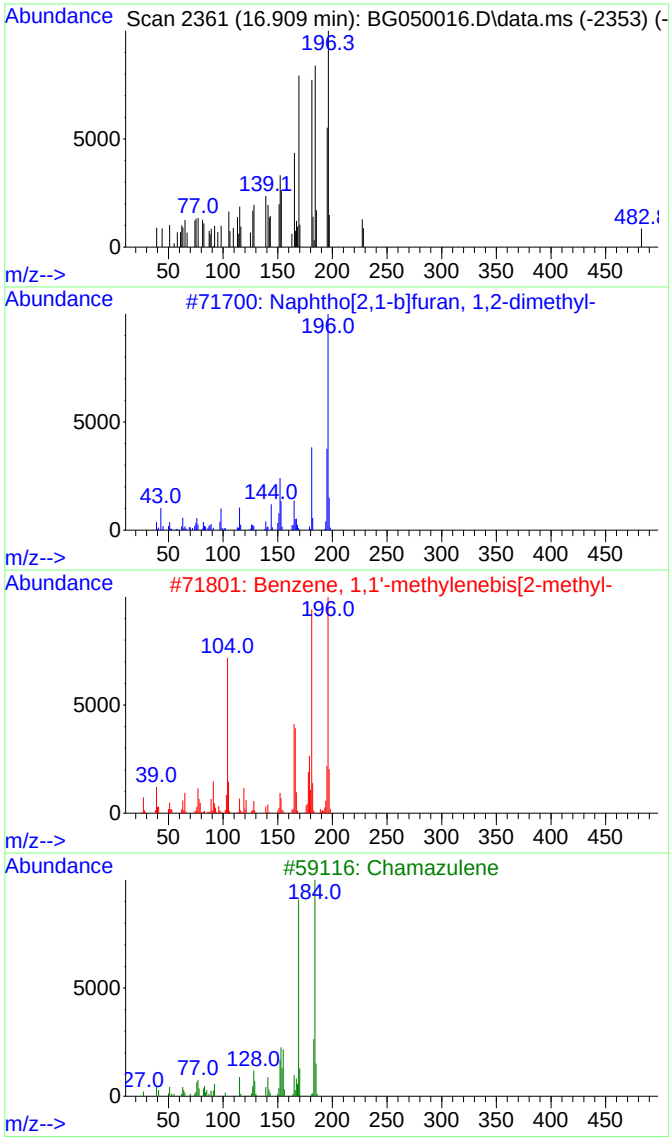
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

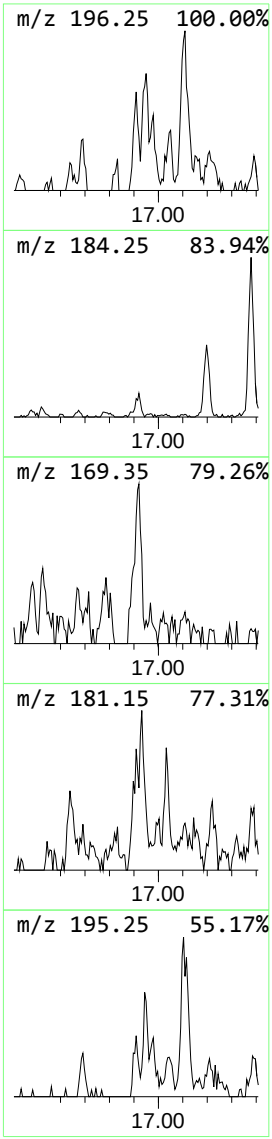
****

Peak Number 13 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.909	2.55 ng/ul	63633	Phenanthrene-d10	17.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	43
2	Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	38
3	Chamazulene	184	C14H16	000529-05-5	38
4	2-Methyl-1,4,5,8-tetraza-phenant...	196	C11H8N4	103538-90-5	30
5	Benzene, 1-methyl-2-[(4-methylph...	196	C15H16	021895-17-0	30





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Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AX1

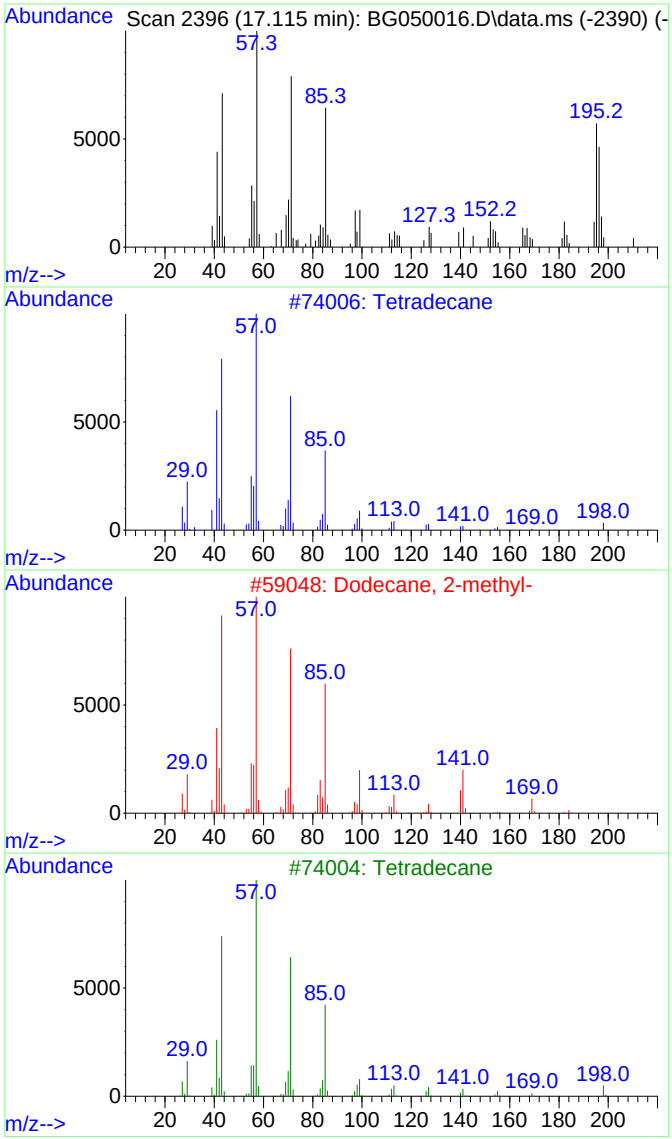
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

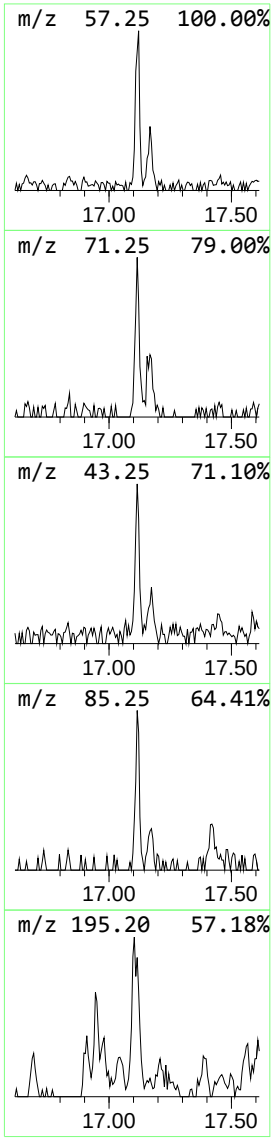
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.115	2.96 ng/ul	73885	Phenanthrene-d10	17.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	46
3	Tetradecane	198	C14H30	000629-59-4	43
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	43
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	43





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Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX1

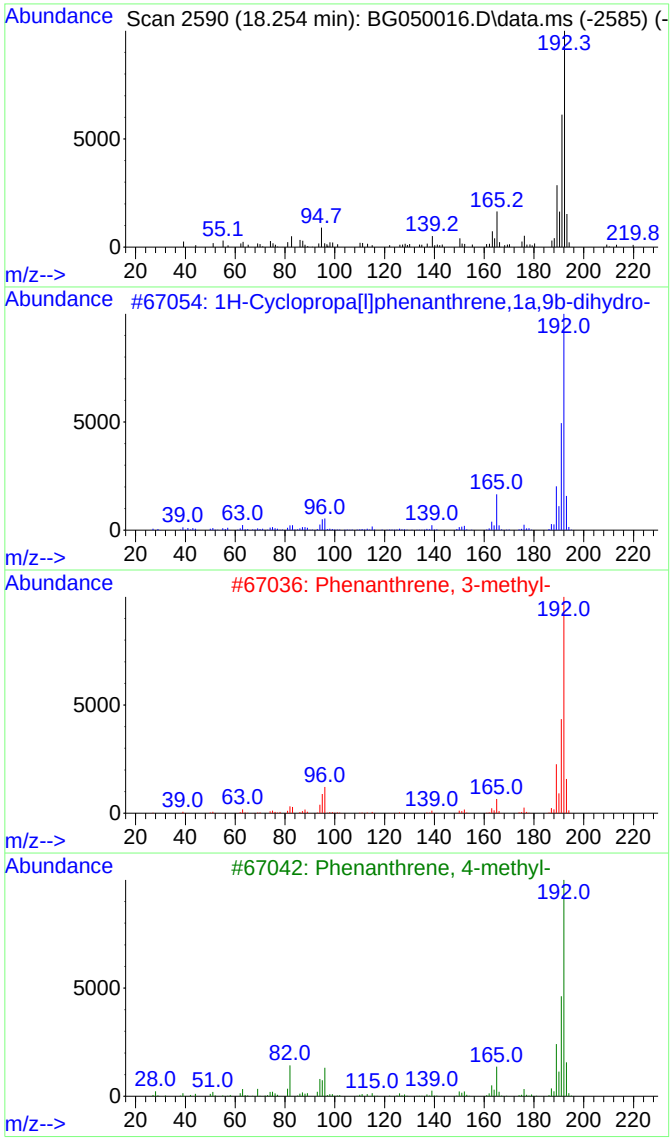
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

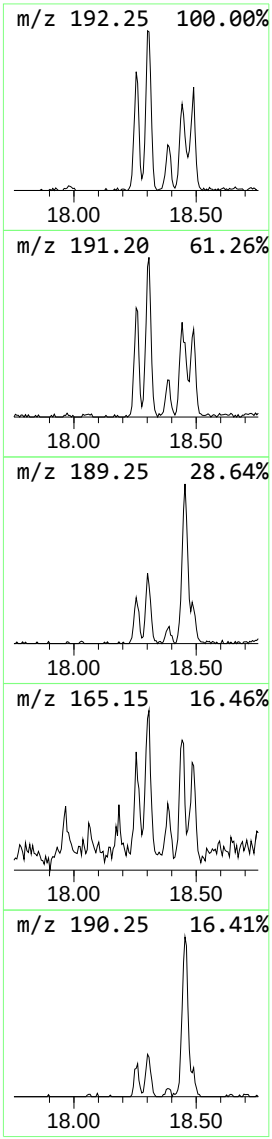
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.254	3.64 ng/ul	90881	Phenanthrene-d10	17.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AX1

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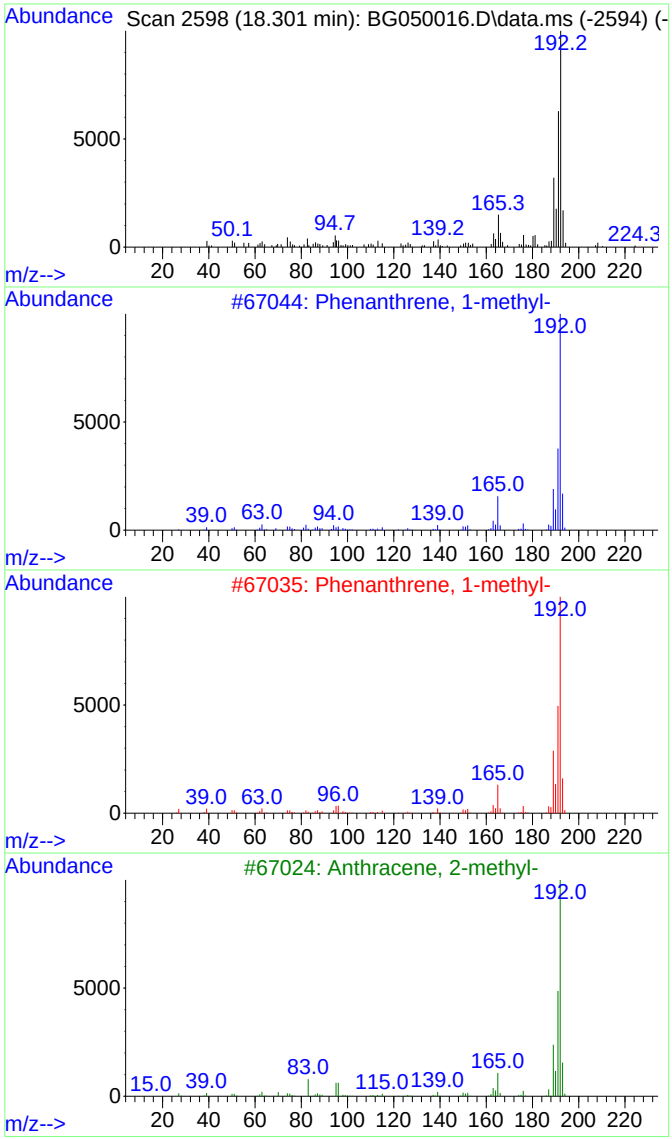
Quant Title : SVOA CALIBRATION

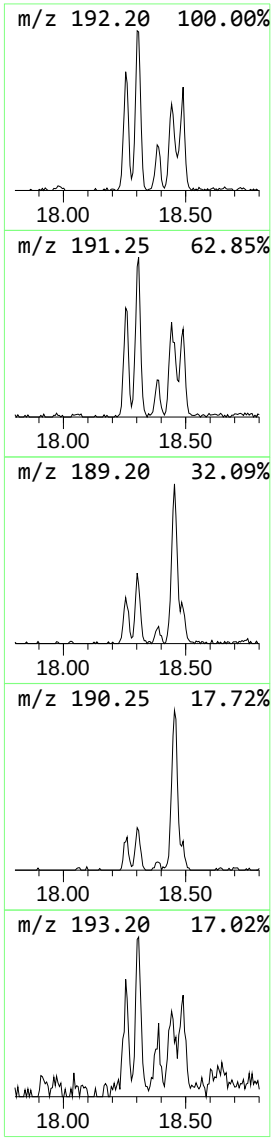
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.301	6.02 ng/ul	150233	Phenanthrene-d10	17.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Instrument : BNA_G
ClientSampleId : C0AX1

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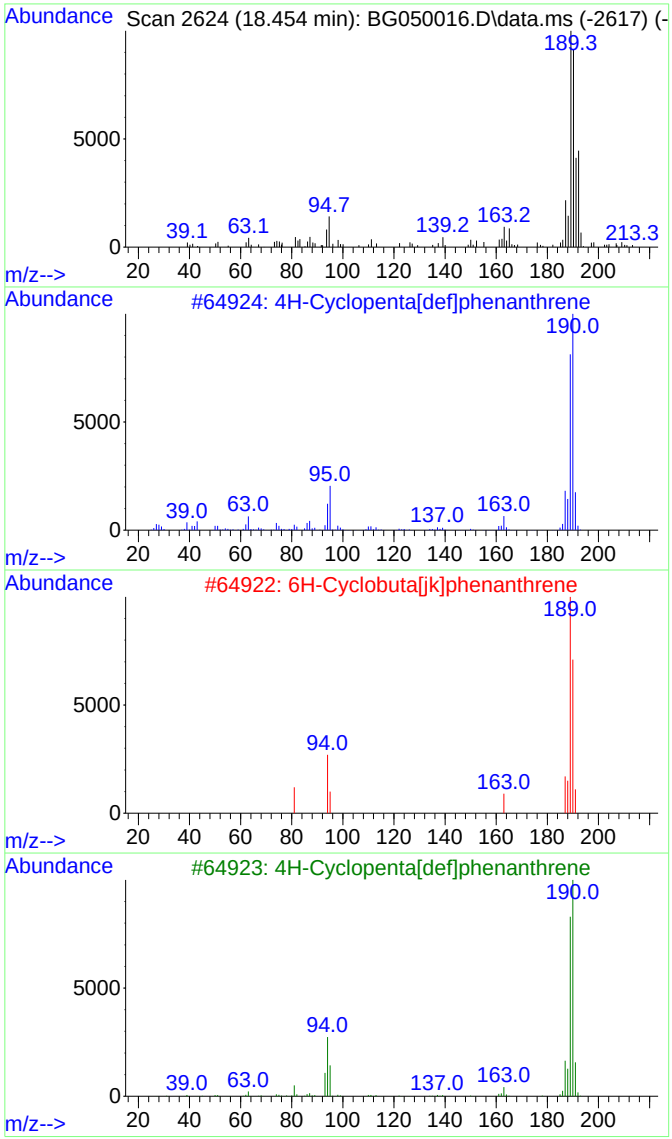
Quant Title : SVOA CALIBRATION

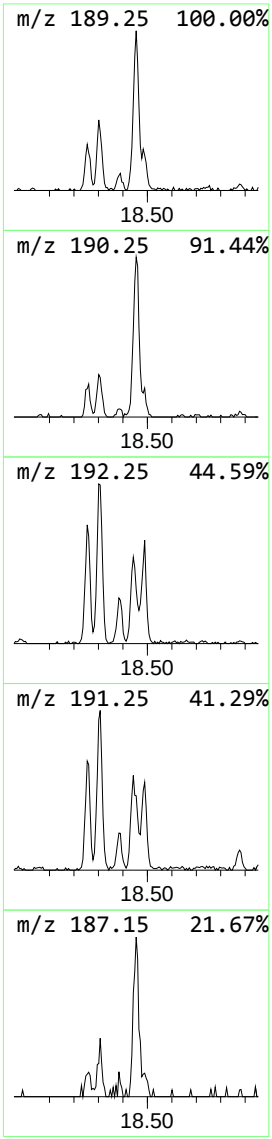
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.454	6.47 ng/ul	161586	Phenanthrene-d10	17.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43





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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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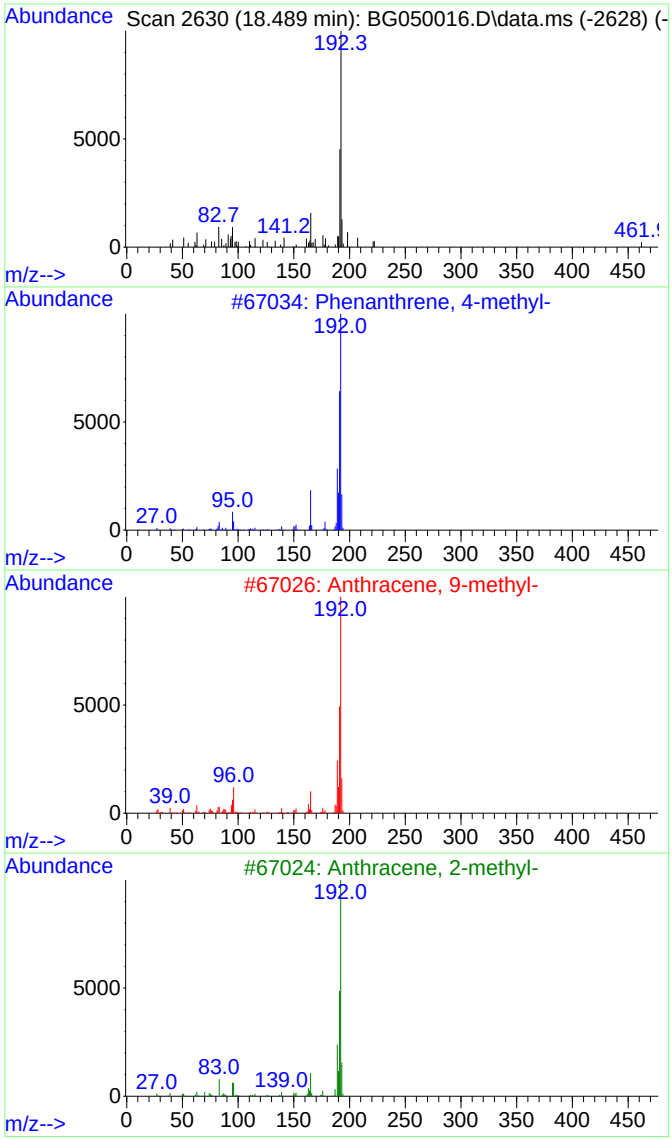
Quant Title : SVOA CALIBRATION

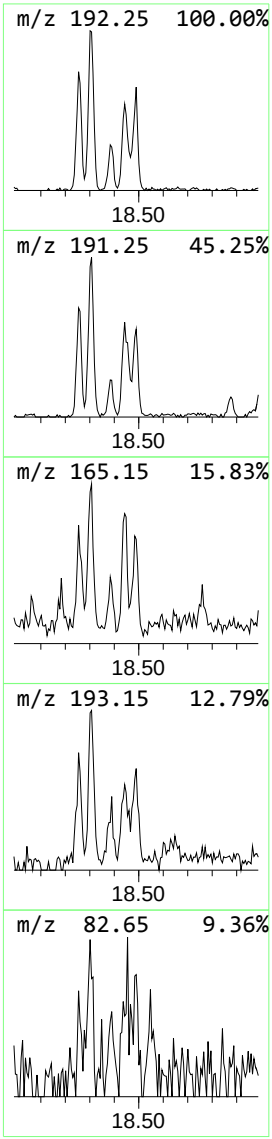
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.489	2.12 ng/ul	52970	Phenanthrene-d10	17.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	83
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	83





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Data File : BG050016.D
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Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX1

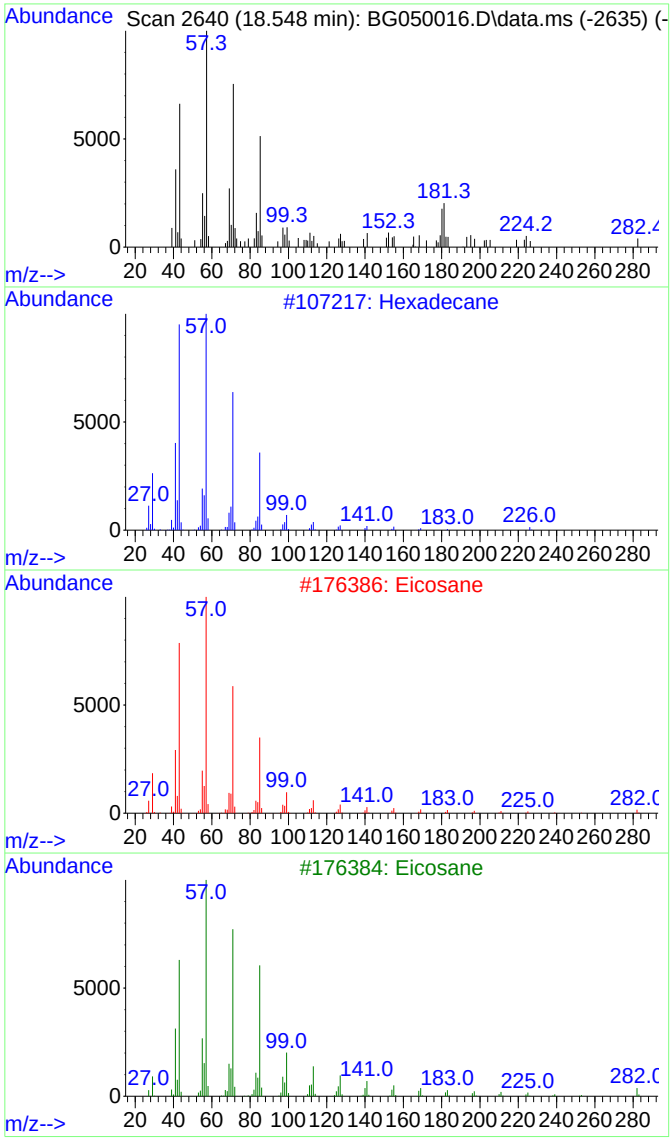
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

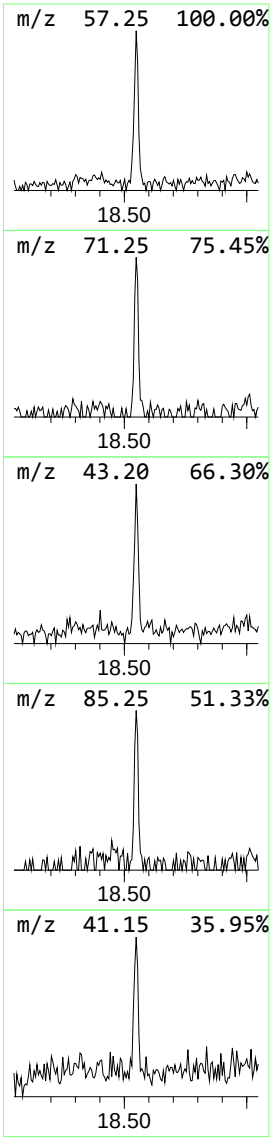
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.548	2.11 ng/ul	52612	Phenanthrene-d10	17.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Eicosane	282	C20H42	000112-95-8	76
3	Eicosane	282	C20H42	000112-95-8	68
4	Hexadecane	226	C16H34	000544-76-3	62
5	Hexadecane	226	C16H34	000544-76-3	60





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Data File : BG050016.D
Acq On : 28 Aug 2021 4:37
Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AX1

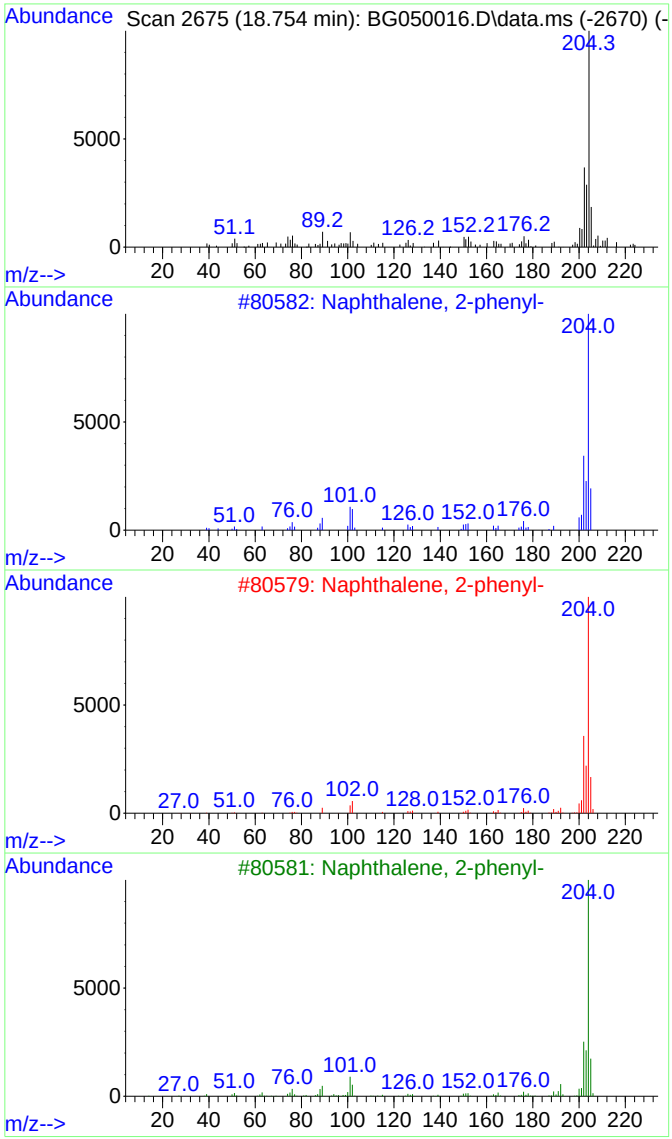
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

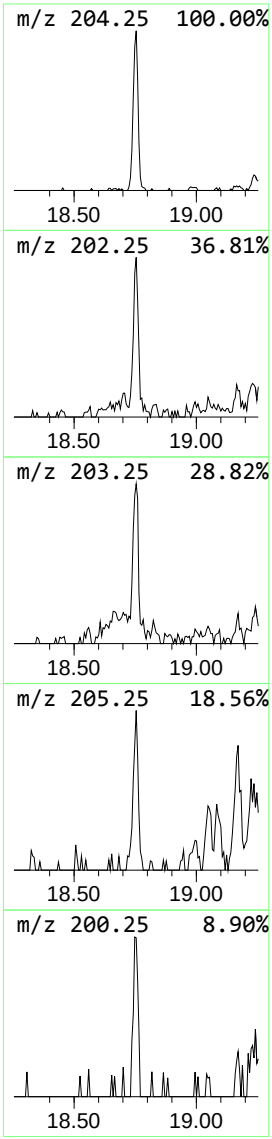
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.754	2.93 ng/ul	73093	Phenanthrene-d10	17.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59





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Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX1

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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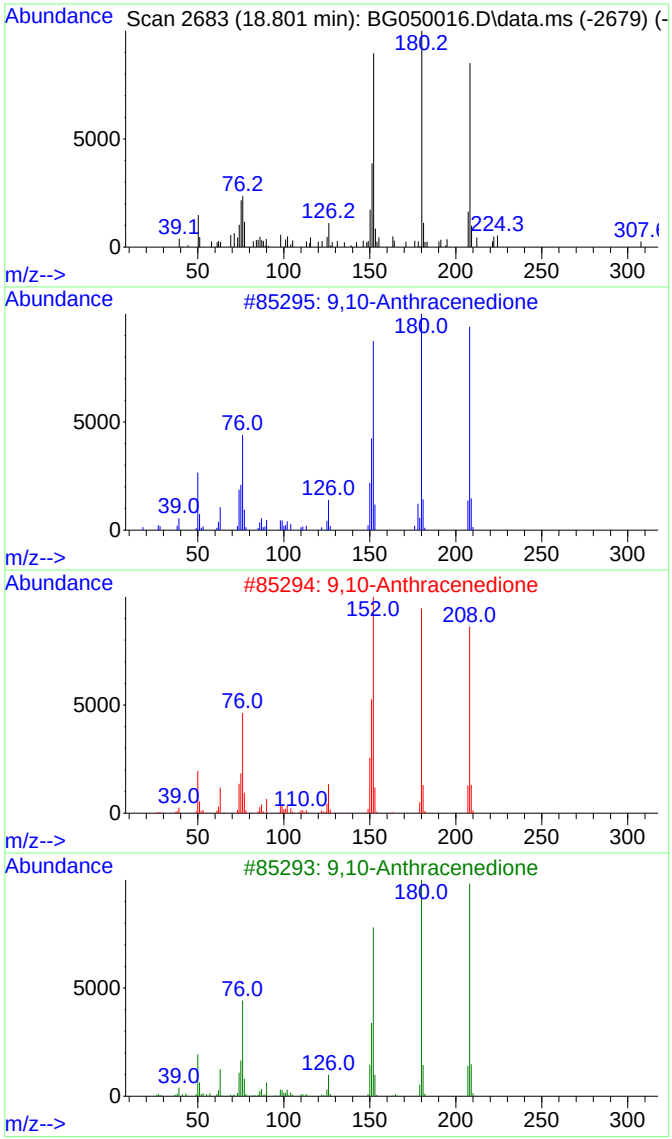
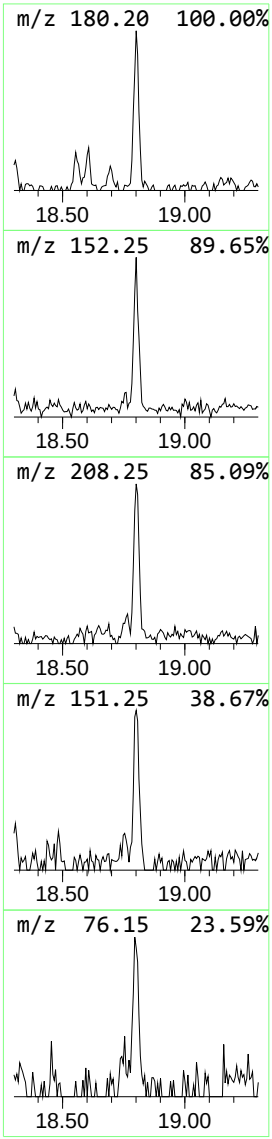
Peak Number 21 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.801	2.95 ng/ul	73789	Phenanthrene-d10	17.379

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	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64





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Acq On : 28 Aug 2021 4:37
Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX1

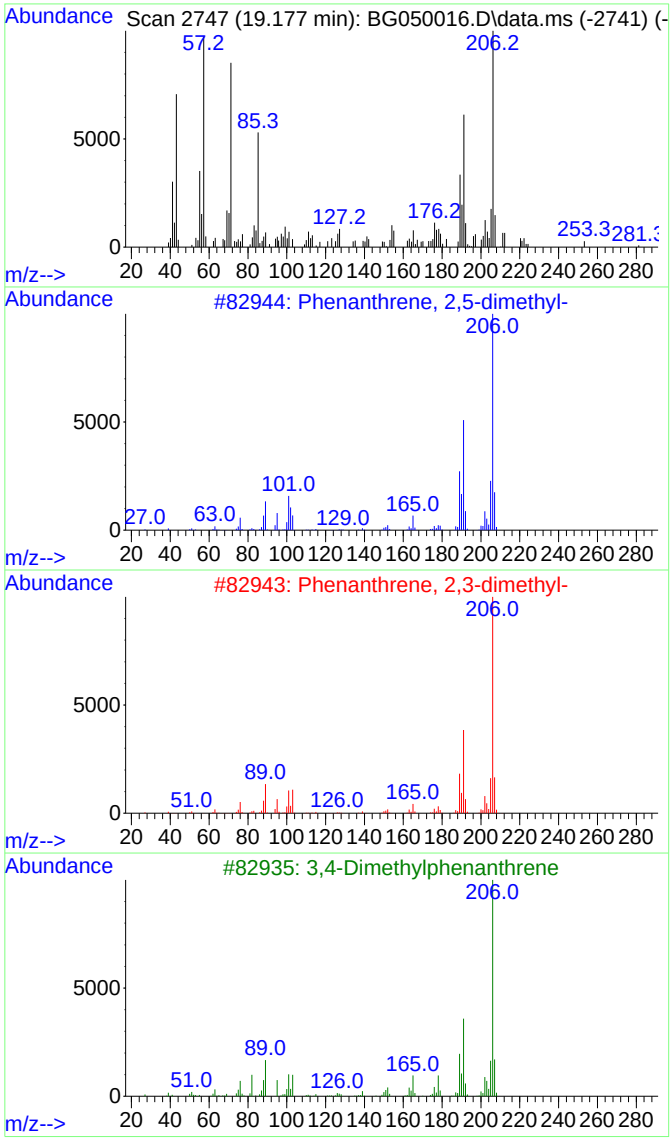
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

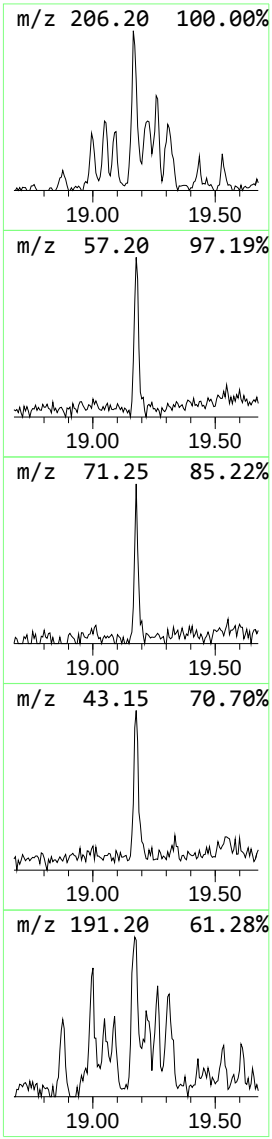
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.177	4.28 ng/ul	106808	Phenanthrene-d10	17.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	55
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	55
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	50





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Data File : BG050016.D
Acq On : 28 Aug 2021 4:37
Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AX1

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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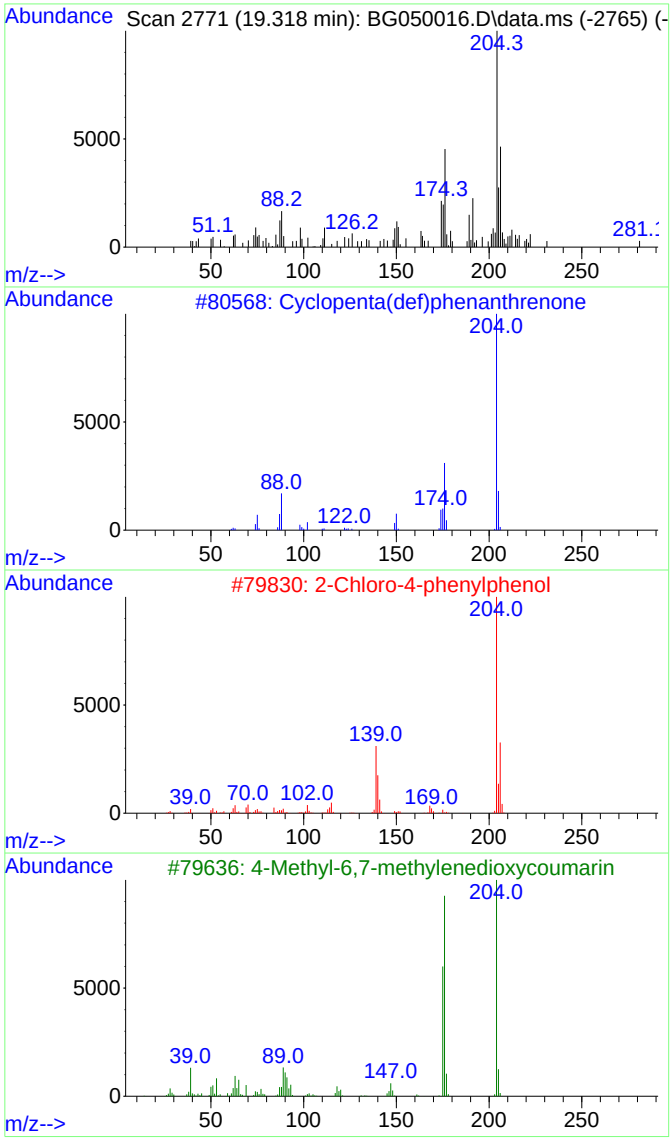
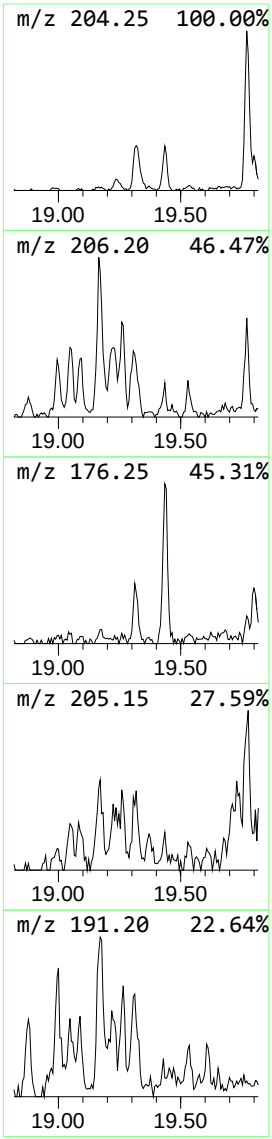
Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.318	3.10 ng/ul	77468	Phenanthrene-d10	17.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	53
2	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
3	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	43
4	6-Chloro-4-hydroxyquinoline-3-ca...	204	C10H5ClN2O	1000435-79-8	40
5	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	38





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Data File : BG050016.D
Acq On : 28 Aug 2021 4:37
Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AX1

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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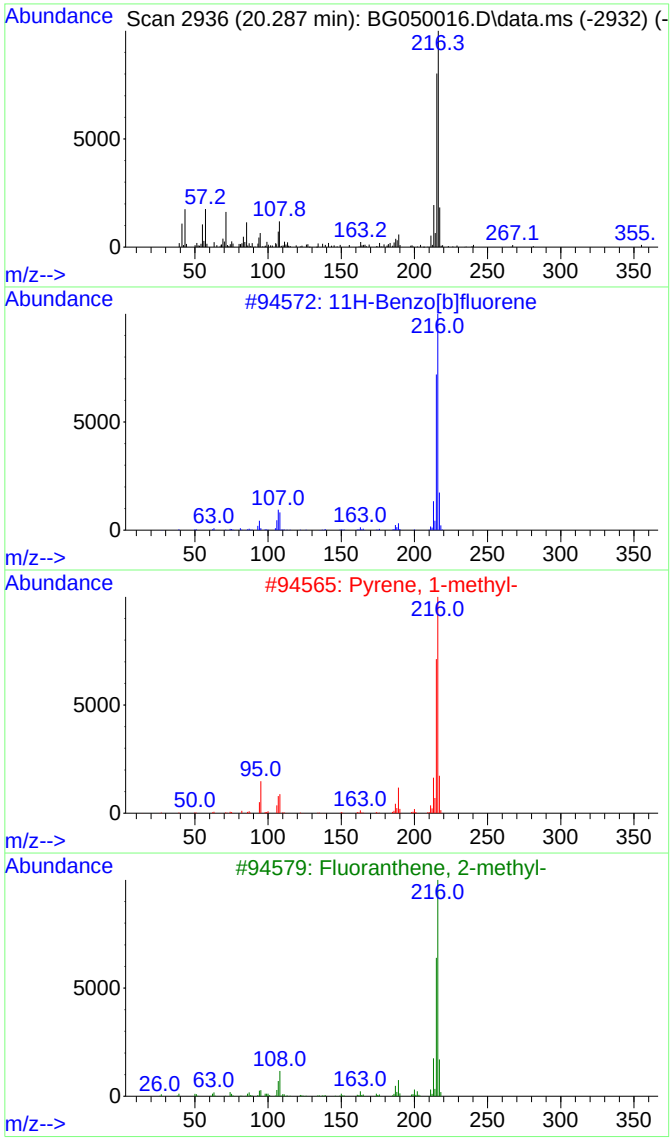
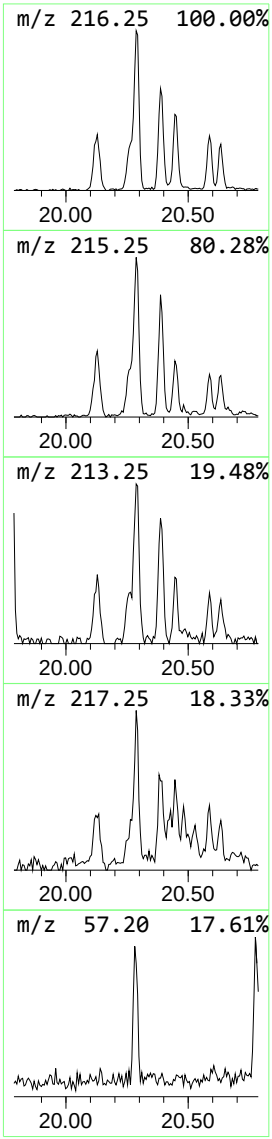
Peak Number 24 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.287	3.27 ng/ul	187043	Chrysene-d12	21.650

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80





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Acq On : 28 Aug 2021 4:37
Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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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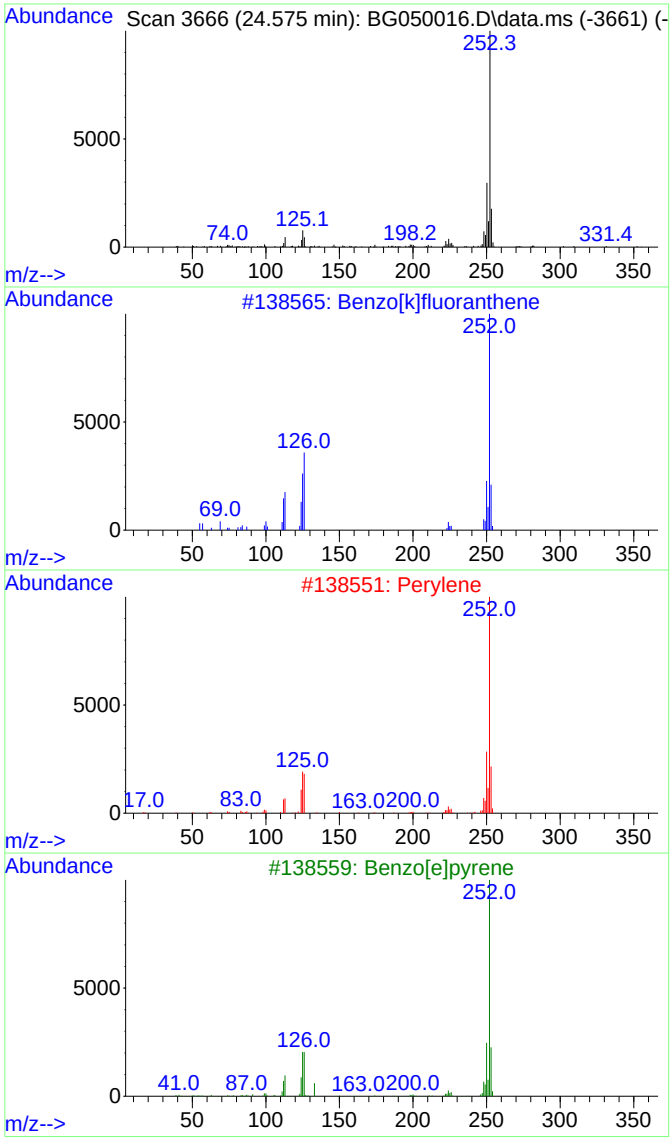
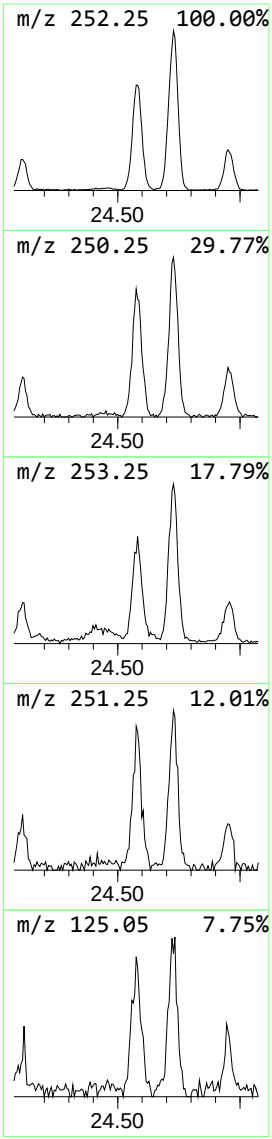
Peak Number 25 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.575	9.20 ng/ul	252265	Perylene-d12	24.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
2	Perylene	252	C20H12	000198-55-0	81
3	Benzo[e]pyrene	252	C20H12	000192-97-2	76
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
5	Perylene	252	C20H12	000198-55-0	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050016.D
Acq On : 28 Aug 2021 4:37
Operator : CG/JU
Sample : M3518-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX1

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
unknown-01	3.862	2.0	ng/ul	22984	1	7.962	226763	20.0
2,4-Nonadiyne	7.604	2.1	ng/ul	23404	1	7.962	226763	20.0
Ethanol, 2-(2-b...	10.547	2.7	ng/ul	37275	2	10.782	274787	20.0
(DEL) Alkane: S...	13.437	2.7	ng/ul	59470	3	14.624	442266	20.0
Naphthalene, 2,...	13.943	3.4	ng/ul	74133	3	14.624	442266	20.0
Diethyltoluamide	15.364	9.7	ng/ul	214656	3	14.624	442266	20.0
(DEL) Alkane: S...	15.411	3.1	ng/ul	68995	3	14.624	442266	20.0
Dibenzofuran, 4...	15.969	2.9	ng/ul	64310	3	14.624	442266	20.0
9H-Fluoren-9-ol	16.116	2.9	ng/ul	71570	4	17.379	499464	20.0
(DEL) Alkane: S...	16.345	5.3	ng/ul	132409	4	17.379	499464	20.0
unknown-02	16.909	2.5	ng/ul	63633	4	17.379	499464	20.0
(DEL) Alkane: S...	17.115	3.0	ng/ul	73885	4	17.379	499464	20.0
1H-Cyclopropa[l...	18.254	3.6	ng/ul	90881	4	17.379	499464	20.0
Phenanthrene, 1...	18.301	6.0	ng/ul	150233	4	17.379	499464	20.0
4H-Cyclopenta[d...	18.454	6.5	ng/ul	161586	4	17.379	499464	20.0
Phenanthrene, 4...	18.489	2.1	ng/ul	52970	4	17.379	499464	20.0
(DEL) Alkane: S...	18.548	2.1	ng/ul	52612	4	17.379	499464	20.0
Naphthalene, 2-...	18.754	2.9	ng/ul	73093	4	17.379	499464	20.0
9,10-Anthracene...	18.801	3.0	ng/ul	73789	4	17.379	499464	20.0
Phenanthrene, 2...	19.177	4.3	ng/ul	106808	4	17.379	499464	20.0
Cyclopenta(def)...	19.318	3.1	ng/ul	77468	4	17.379	499464	20.0
11H-Benzo[b]flu...	20.287	3.3	ng/ul	187043	5	21.650	1144240	20.0
Perylene	24.575	9.2	ng/ul	252265	6	24.875	548165	20.0