LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

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: BG049738.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.079	3	7	12	rBV3	51278	117517	10.13%	0.714%
2	3.161	16	21	38	rVB	272478	581064	50.09%	3.533%
3	3.872	138	142	150	rVV6	16826	33521	2.89%	0.204%
4	3.960	152	157	166	rVV	31586	53966	4.65%	0.328%
5	5.211	365	370	375	rBV5	10274	16464	1.42%	0.100%
6	7.203	699	709	716	rBV	208239	400639	34.54%	2.436%
7	7.361	730	736	743	rVV	137641	234344	20.20%	1.425%
8	7.573	765	772	780	rBV	206210	368143	31.74%	2.238%
9	8.043	843	852	860	rVV2	106697	198524	17.11%	1.207%
10	8.754	966	973	980	rBV	219044	391341	33.74%	2.379%
11	8.877	990	994	1001	rBV5	12586	25474	2.20%	0.155%
12	8.942	1001	1005	1012	rVB3	9869	20076	1.73%	0.122%
13	9.212	1044	1051	1058	rBV	197736	369751	31.88%	2.248%
14	9.265	1058	1060	1066	rVB4	13530	20106	1.73%	0.122%
15	9.500	1096	1100	1110	rVB7	9705	22397	1.93%	0.136%
16	9.694	1127	1133	1138	rVB5	10061	19389	1.67%	0.118%
17	9.940	1166	1175	1186	rBV	199906	384007	33.10%	2.335%
18	10.034	1186	1191	1197	rVV7	8841	17616	1.52%	0.107%
19	10.487	1261	1268	1277	rVB	256606	476590	41.09%	2.897%
20	10.628	1286	1292	1302	rVB3	38395	75177	6.48%	0.457%
21	10.827	1321	1326	1327	rBV3	26640	36910	3.18%	0.224%
22	10.863	1328	1332	1338	rVV2	137169	244707	21.10%	1.488%
23	10.915	1338	1341	1348	rVB2	10012	18995	1.64%	0.115%
24	11.004	1348	1356	1365	rBV2	136795	270865	23.35%	1.647%
25	11.568	1447	1452	1457	rVB4	12866	24036	2.07%	0.146%
26	11.767	1481	1486	1494	rVB6	9822	22994	1.98%	0.140%
27	11.879	1500	1505	1511	rVV3	53606	89892	7.75%	0.547%
28	12.272	1567	1572	1579	rVB	34297	49667	4.28%	0.302%
29	12.519	1612	1614	1620	rVB3	16833	23399	2.02%	0.142%
30	12.742	1647	1652	1657	rBV3	16973	25463	2.20%	0.155%
31	12.966	1687	1690	1698	rVB7	15581	29933	2.58%	0.182%
32	13.083	1706	1710	1716	rVB6	9909	15653	1.35%	0.095%
33	13.218	1729	1733	1739	rVB	34690	48523	4.18%	0.295%
34	13.506	1776	1782	1791	rBV3	56021	103467	8.92%	0.629%
35	13.612	1795	1800	1803	rBV6	8235	17075	1.47%	0.104%
36	13.747	1817	1823	1828	rBV7	9822	17379	1.50%	0.106%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

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	13.853	1838	1841	1852	rVB7	12835	37885	3.27%	0.230%
38	13.964	1855	1860	1864	rBV5	19895	33328	2.87%	0.203%
39	14.017	1864	1869	1873	rVV2	36845	69735	6.01%	0.424%
40	14.094	1875	1882	1889	rVV	441876	738156	63.64%	4.488%
41	14.164	1890	1894	1898	rVV3	46258	69826	6.02%	0.425%
42	14.205	1898	1901	1904	rVV4	16643	23995	2.07%	0.146%
43	14.252	1907	1909	1913	rVV4	19004	25082	2.16%	0.152%
44	14.393	1926	1933	1946	rVB	462492	765669	66.01%	4.655%
45	14.528	1952	1956	1960	rVB5	16492	23404	2.02%	0.142%
46	14.575	1960	1964	1973	rVB	69606	100923	8.70%	0.614%
47	14.663	1973	1979	1980	rBV4	30333	39659	3.42%	0.241%
48	14.699	1980	1985	1991	rVB	196938	315536	27.20%	1.918%
49	14.904	2013	2020	2030	rBV	178557	330964	28.53%	2.012%
50	15.045	2038	2044	2046	rBV6	13999	23708	2.04%	0.144%
51	15.092	2048	2052	2058	rVB3	43367	69386	5.98%	0.422%
52	15.169	2061	2065	2068	rBV2	27160	36835	3.18%	0.224%
53	15.315	2085	2090	2094	rBV2	40836	70256	6.06%	0.427%
54	15.362	2094	2098	2102	rVB2	33051	44929	3.87%	0.273%
55	15.480	2112	2118	2122	rBV4	38891	70202	6.05%	0.427%
56	15.533	2122	2127	2131	rVB	86747	119393	10.29%	0.726%
57	15.691	2147	2154	2159	rBV	557922	829738	71.53%	5.045%
58	15.738	2159	2162	2166	rVB6	14245	16226	1.40%	0.099%
59	15.809	2169	2174	2181	rVB	181942	280698	24.20%	1.707%
60	15.932	2189	2195	2205	rVB7	27080	68827	5.93%	0.418%
61	16.038	2208	2213	2219	rVB6	26193	50541	4.36%	0.307%
62	16.191	2236	2239	2243	rVB5	11891	16389	1.41%	0.100%
63	16.349	2261	2266	2269	rBV6	8524	18602	1.60%	0.113%
64	16.390	2269	2273	2276	rBV	114927	165372	14.26%	1.005%
65	16.796	2339	2342	2349	rVB2	26873	40532	3.49%	0.246%
66	16.901	2356	2360	2364	rVB5	26511	37646	3.25%	0.229%
67	16.978	2368	2373	2376	rBV2	38583	66678	5.75%	0.405%
68	17.107	2389	2395	2401	rBV5	53253	110154	9.50%	0.670%
69	17.183	2403	2408	2413	rVV3	138005	202886	17.49%	1.233%
70	17.272	2420	2423	2430	rVB5	22821	40333	3.48%	0.245%
71	17.448	2448	2453	2457	rVV	227965	362372	31.24%	2.203%
72	17.495	2457	2461	2465	rVV	139348	224795	19.38%	1.367%
73	17.548	2465	2470	2479	rVV2	567663	922478	79.53%	5.608%
74	17.636	2481	2485	2492	rVV6	31346	88733	7.65%	0.539%
75	17.730	2496	2501	2502	rVV3	26364	39602	3.41%	0.241%
76	17.759	2504	2506	2513	rVB2	47704	74818	6.45%	0.455%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

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

77	17.853	2519	2522	2525	rBV3	20014	30554	2.63%	0.186%
78	17.930	2531	2535	2539	rVB	132762	171460	14.78%	1.042%
79	18.029	2549	2552	2562	rVB5	45315	91764	7.91%	0.558%
80	18.329	2598	2603	2606	rBV	109842	156529	13.49%	0.952%
81	18.370	2606	2610	2617	rVB	148110	243999	21.03%	1.483%
82	18.511	2630	2634	2639	rBV2	114294	172403	14.86%	1.048%
83	18.558	2639	2642	2647	rVB	70135	98203	8.47%	0.597%
84	18.623	2648	2653	2658	rBV2	134333	185098	15.96%	1.125%
85	18.711	2666	2668	2673	rVB5	29900	39506	3.41%	0.240%
86	18.822	2682	2687	2691	rBV2	78146	119490	10.30%	0.726%
87	19.122	2734	2738	2741	rBV	36503	48629	4.19%	0.296%
88	19.245	2753	2759	2763	rBV2	221682	363992	31.38%	2.213%
89	19.298	2763	2768	2771	rVV2	87946	126289	10.89%	0.768%
90	19.380	2778	2782	2790	rVB4	43706	94907	8.18%	0.577%
91	19.504	2798	2803	2809	rVB2	249170	372038	32.07%	2.262%
92	19.563	2809	2813	2817	rBV	47779	80365	6.93%	0.489%
93	19.839	2854	2860	2864	rBV2	653604	1159972	100.00%	7.052%
94	19.933	2873	2876	2882	rVB2	64520	100777	8.69%	0.613%
95	20.168	2913	2916	2921	rBV4	44132	86373	7.45%	0.525%
96	20.350	2944	2947	2952	rVB	154639	205310	17.70%	1.248%
97	20.849	3029	3032	3039	rVB2	89665	112979	9.74%	0.687%
98	21.119	3076	3078	3084	rVB2	80035	110634	9.54%	0.673%
99	21.360	3115	3119	3125	rBV3	142600	229137	19.75%	1.393%
100	21.736	3176	3183	3188	rBV2	230500	516568	44.53%	3.141%

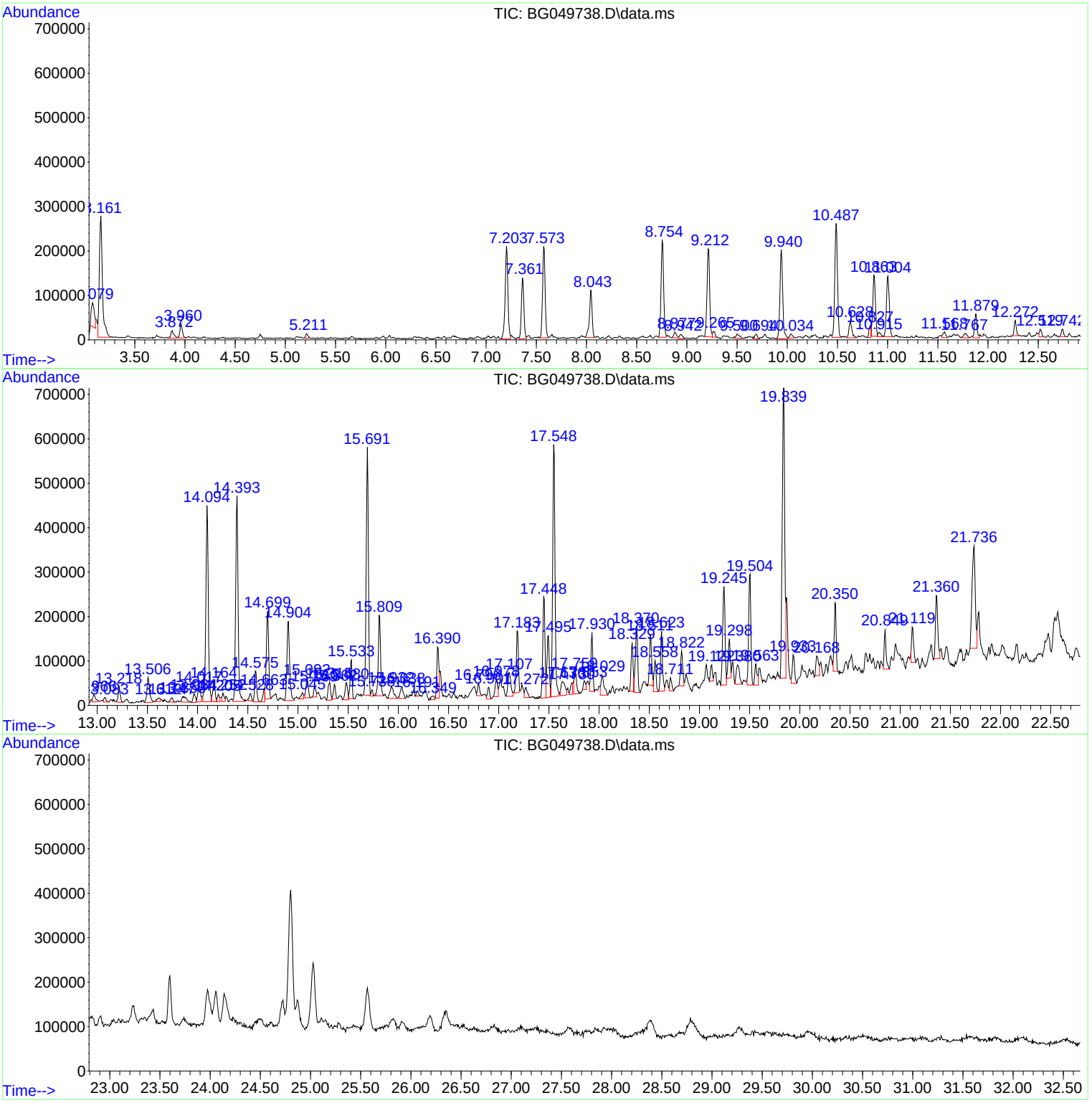
Sum of corrected areas: 16448331

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E8

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\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

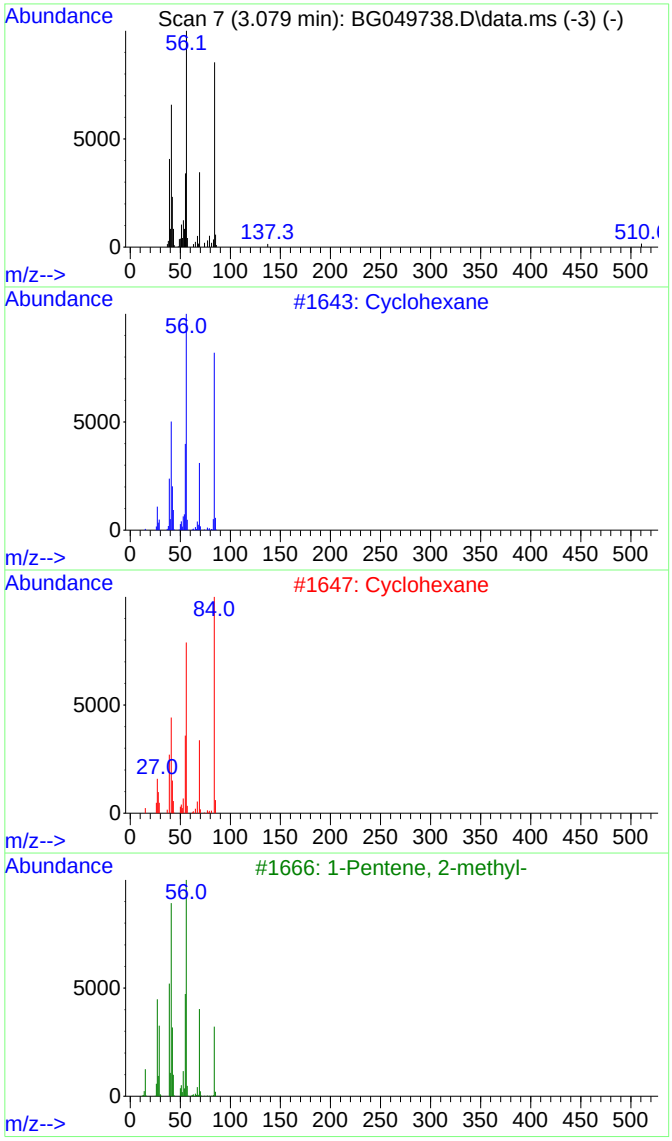
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

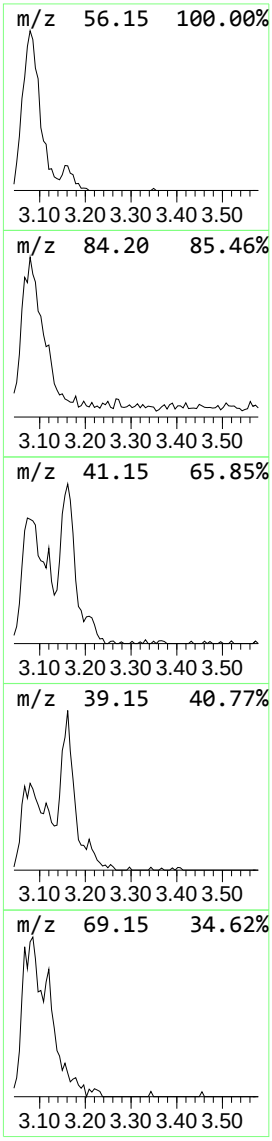
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.079 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.079	11.84 ng/ul	117517	1,4-Dichlorobenzene-d4	8.043

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	68
2	Cyclohexane	84	C6H12	000110-82-7	64
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	53
4	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	53
5	Cyclohexane	84	C6H12	000110-82-7	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

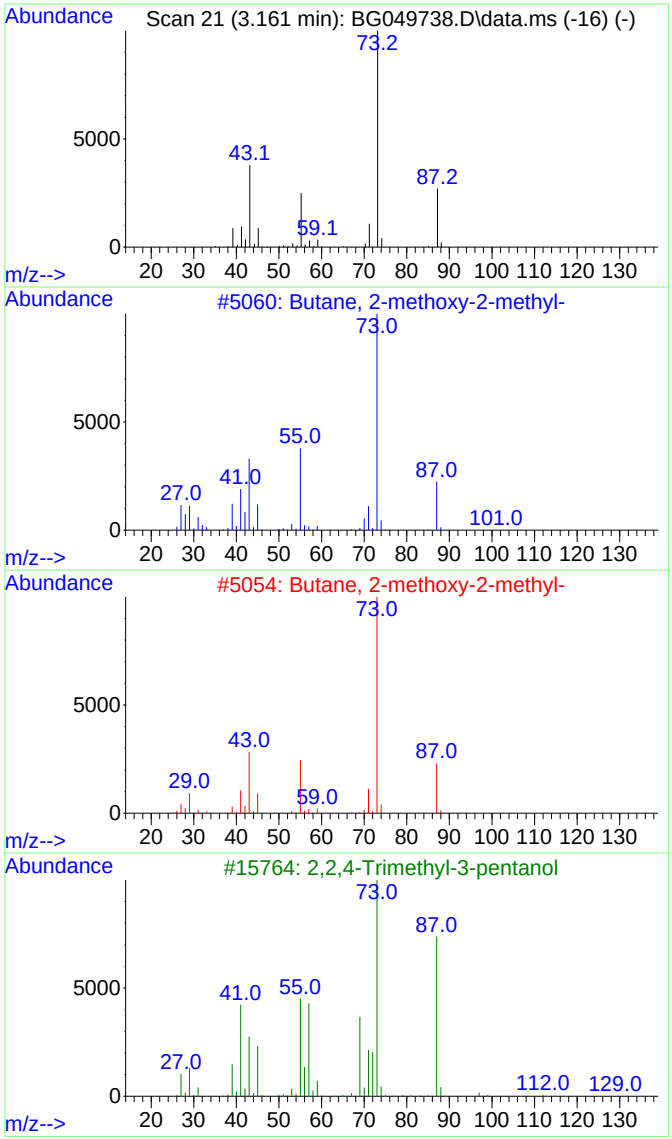
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

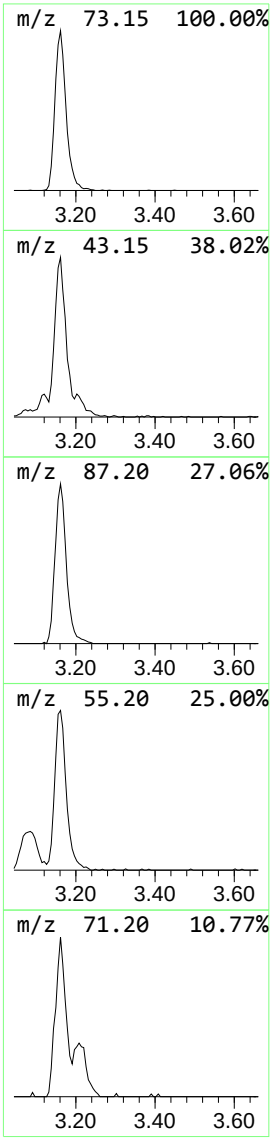
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.161	58.54 ng/ul	581064	1,4-Dichlorobenzene-d4	8.043

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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

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

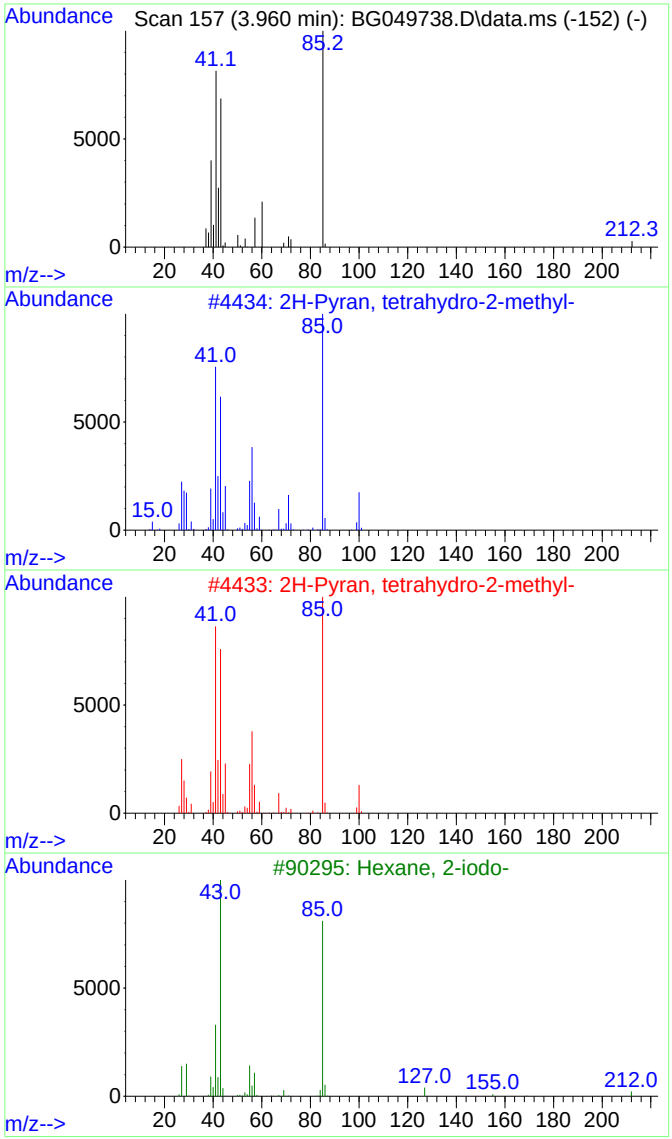
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

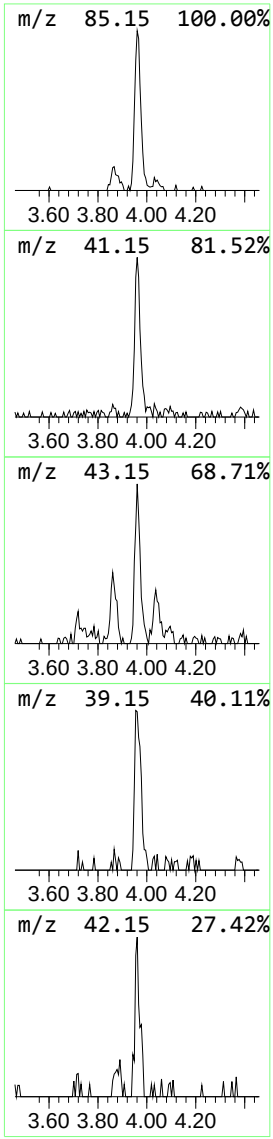
****

Peak Number 3 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.960	5.44 ng/ul	53966	1,4-Dichlorobenzene-d4	8.043

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	33
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	33
3	Hexane, 2-iodo-	212	C6H13I	018589-27-0	25
4	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	25
5	Hexane, 3-iodo-	212	C6H13I	031294-91-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

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

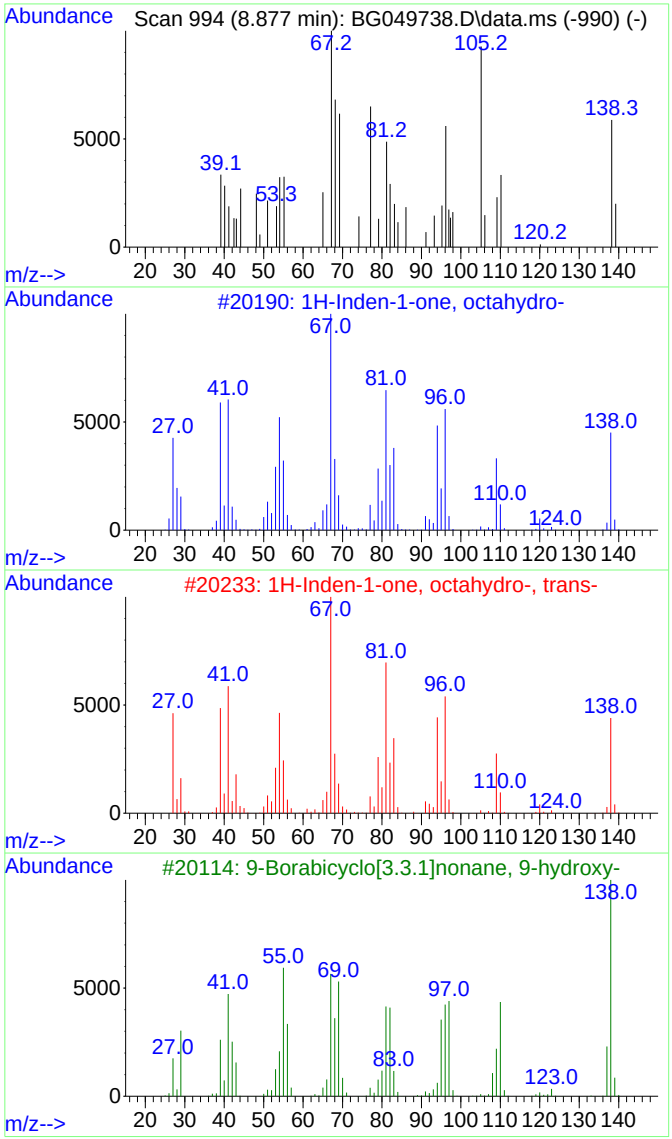
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

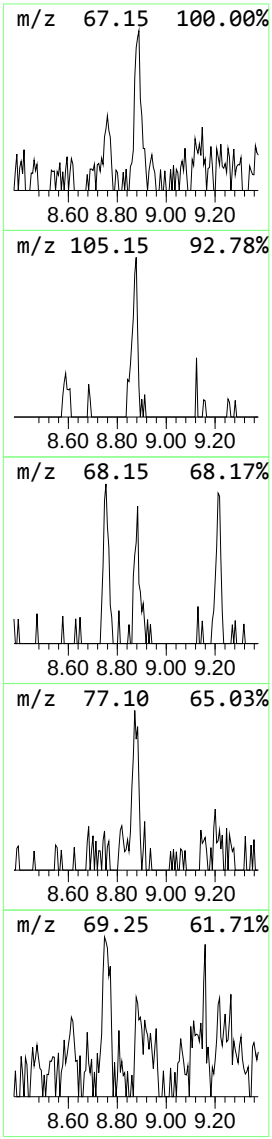
****

Peak Number 4 unknown-02 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.877	2.57 ng/ul	25474	1,4-Dichlorobenzene-d4	8.043

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, octahydro-	138	C9H14O	029927-85-3	47
2	1H-Inden-1-one, octahydro-, trans-	138	C9H14O	016783-22-5	47
3	9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	38
4	5-Diazouracil	138	C4H2N4O2	002435-76-9	38
5	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

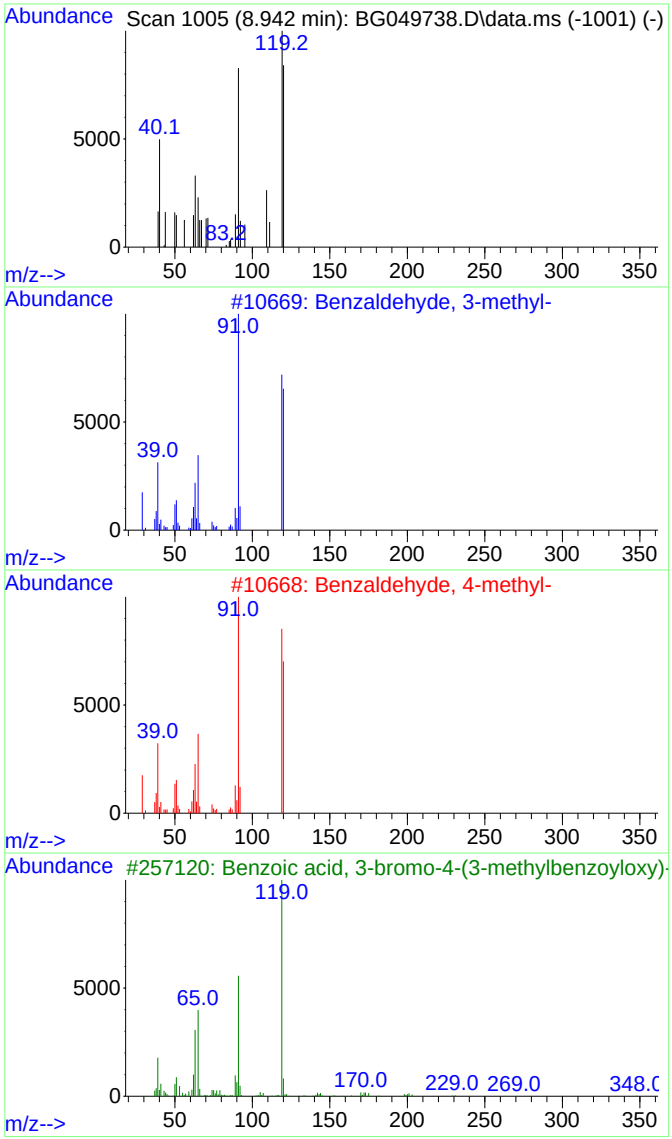
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

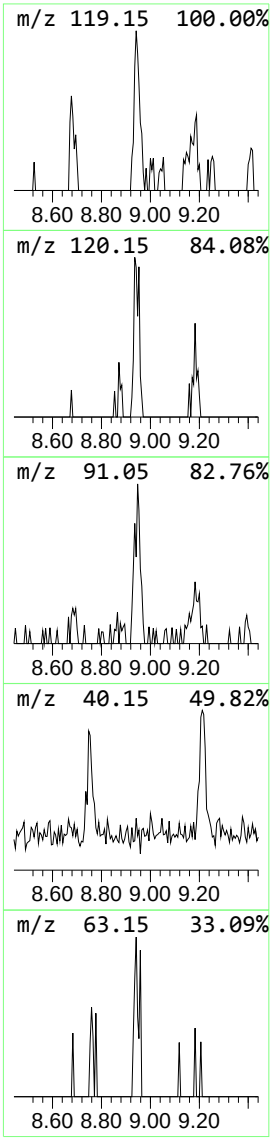
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 3-methyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.942	2.02 ng/ul	20076	1,4-Dichlorobenzene-d4	8.043

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	76
2	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	74
3	Benzoic acid, 3-bromo-4-(3-methy...	348	C16H13BrO4	1000260-21-4	43
4	Phthalan	120	C8H8O	000496-14-0	40
5	2-Methylbenzoyl isothiocyanate	177	C9H7NOS	028115-85-7	37





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Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

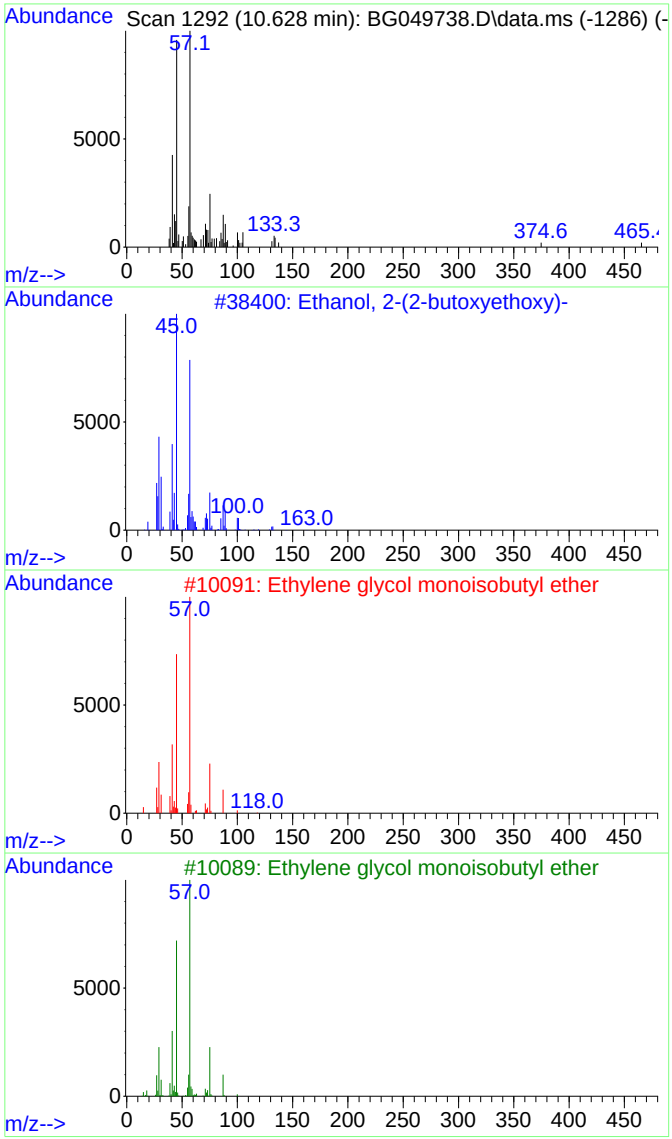
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

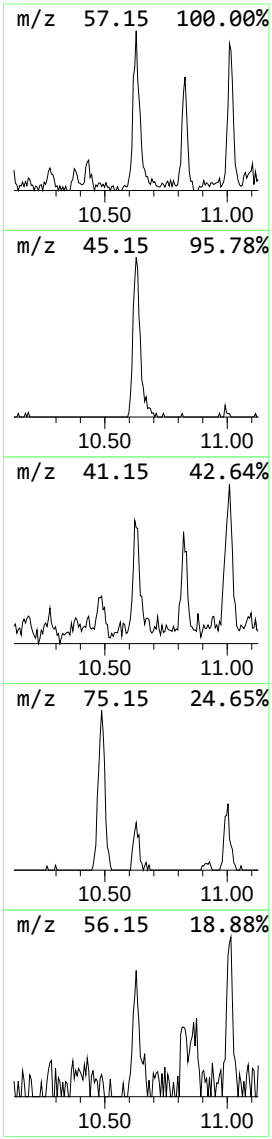
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	6.14 ng/ul	75177	Naphthalene-d8	10.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	56
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	56





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Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

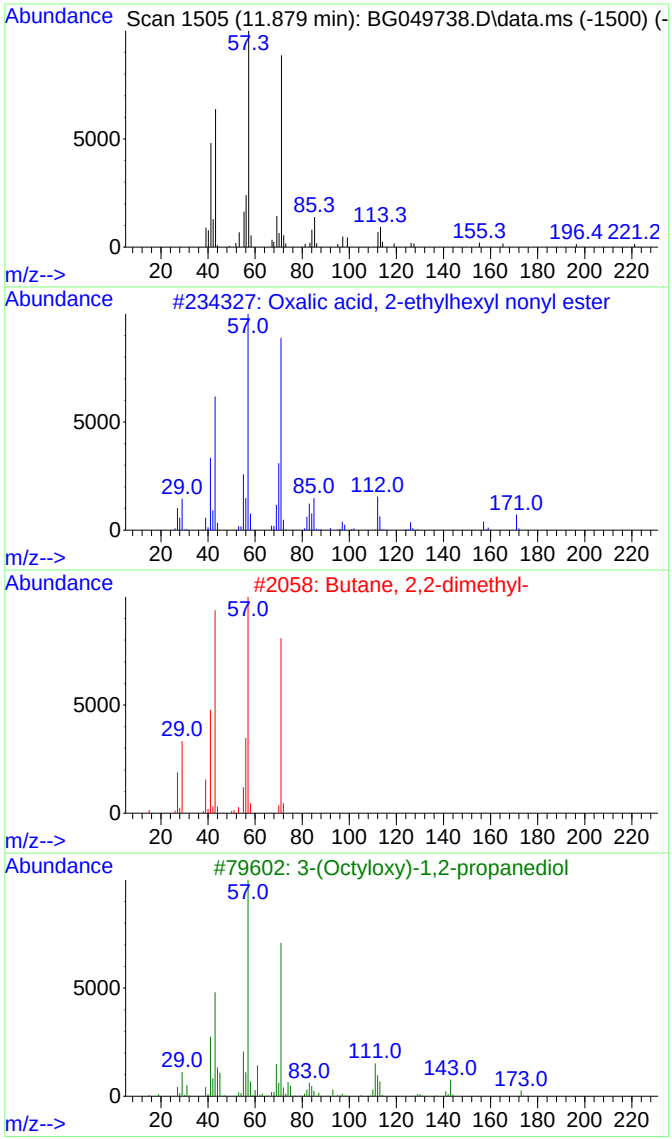
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

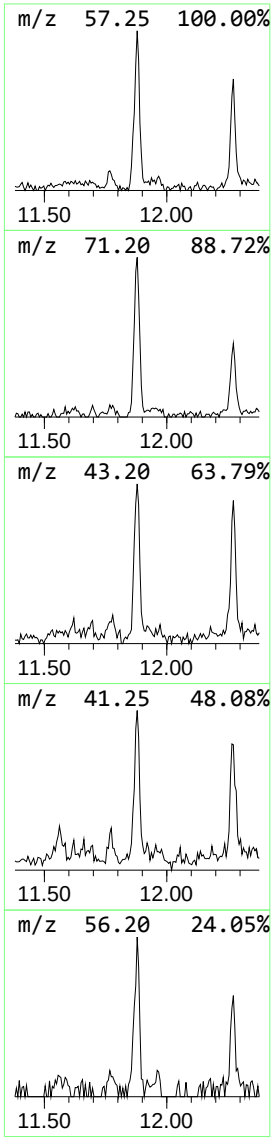
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Oxalic acid, 2-ethylhexyl n... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.879	7.35 ng/ul	89892	Naphthalene-d8	10.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	72
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
3	3-(Octyloxy)-1,2-propanediol	204	C11H24O3	010438-94-5	59
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

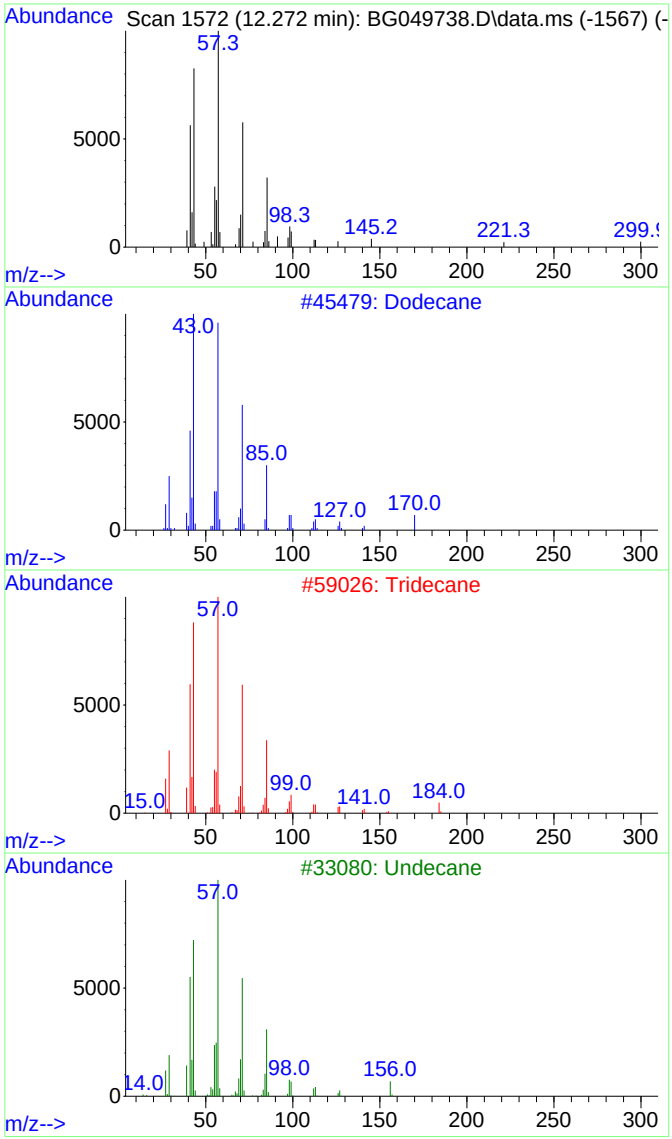
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

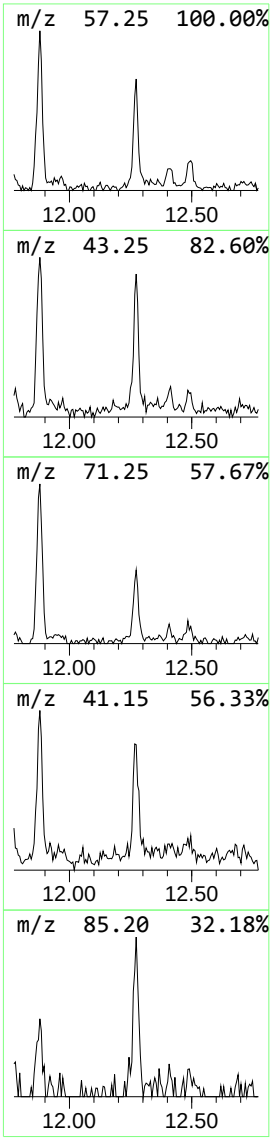
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.273	4.06 ng/ul	49667	Naphthalene-d8	10.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	86
2	Tridecane	184	C13H28	000629-50-5	86
3	Undecane	156	C11H24	001120-21-4	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Eicosane	282	C20H42	000112-95-8	72





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Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

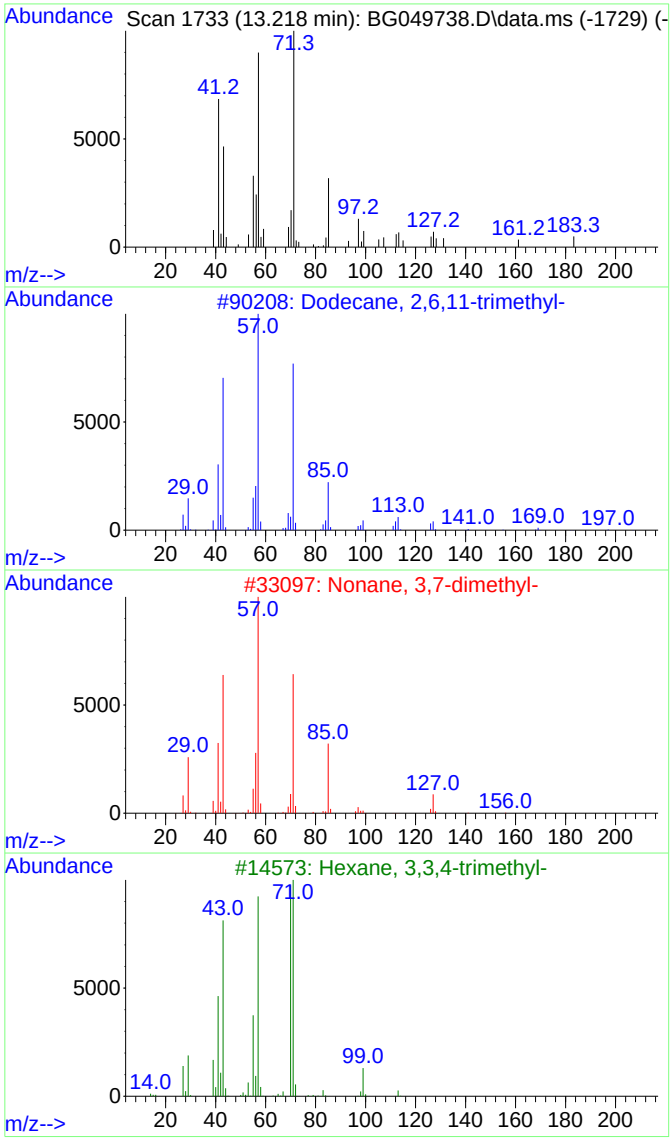
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

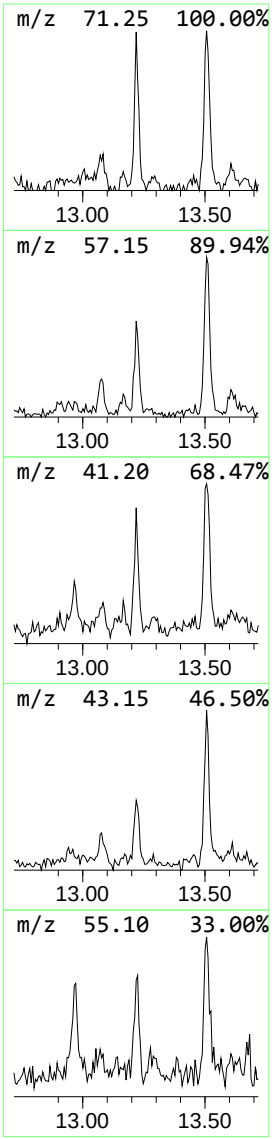
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.218	3.08 ng/ul	48523	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	47
4	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	47
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

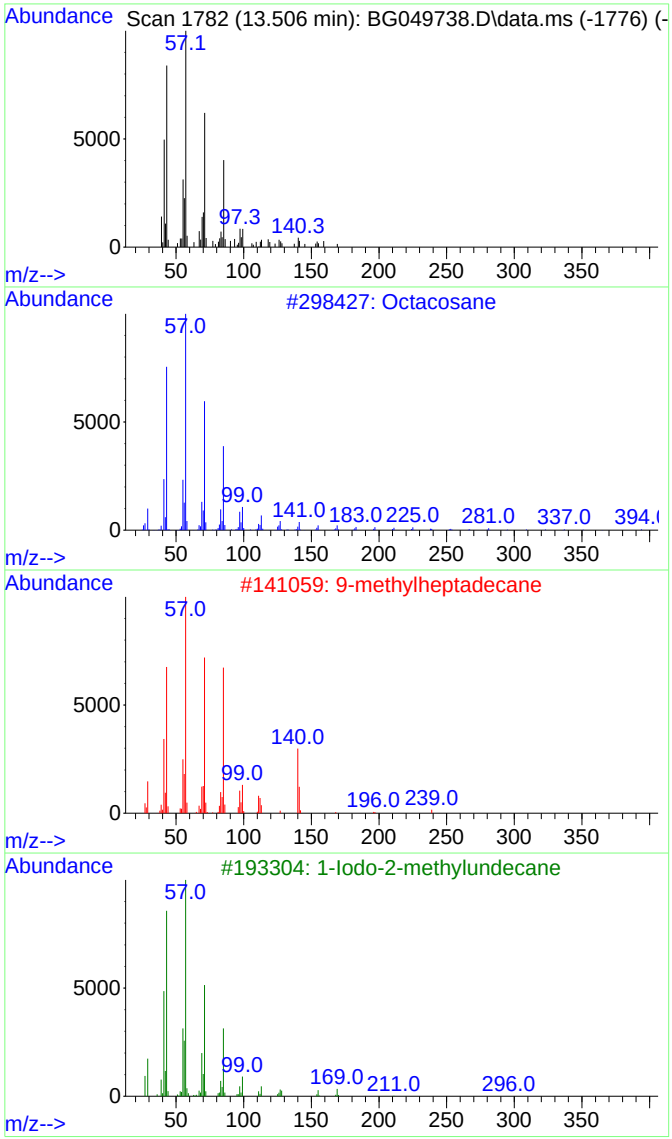
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

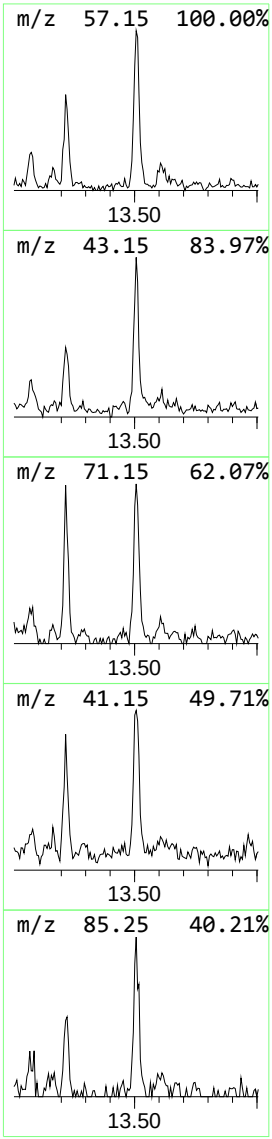
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.506	6.56 ng/ul	103467	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	72
2	9-methylheptadecane	254	C18H38	026741-18-4	72
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
4	Nonane	128	C9H20	000111-84-2	68
5	Nonane	128	C9H20	000111-84-2	64





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

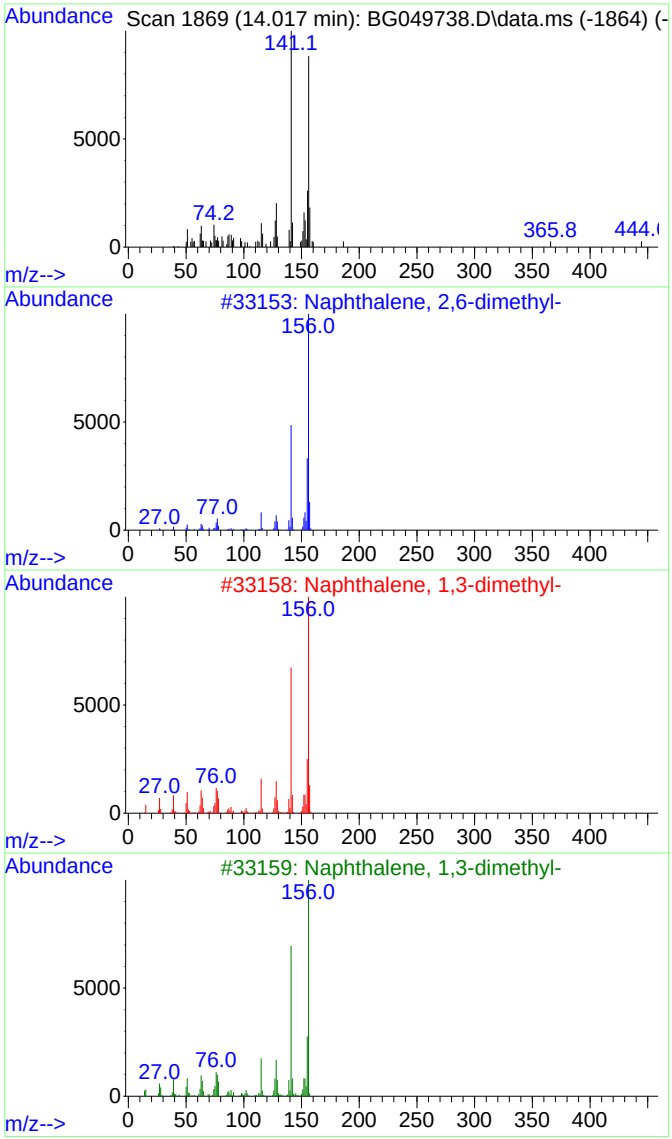
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

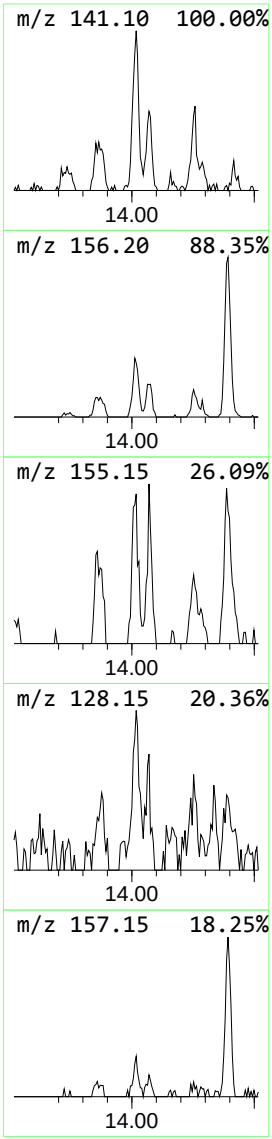
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.017	4.42 ng/ul	69735	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E8

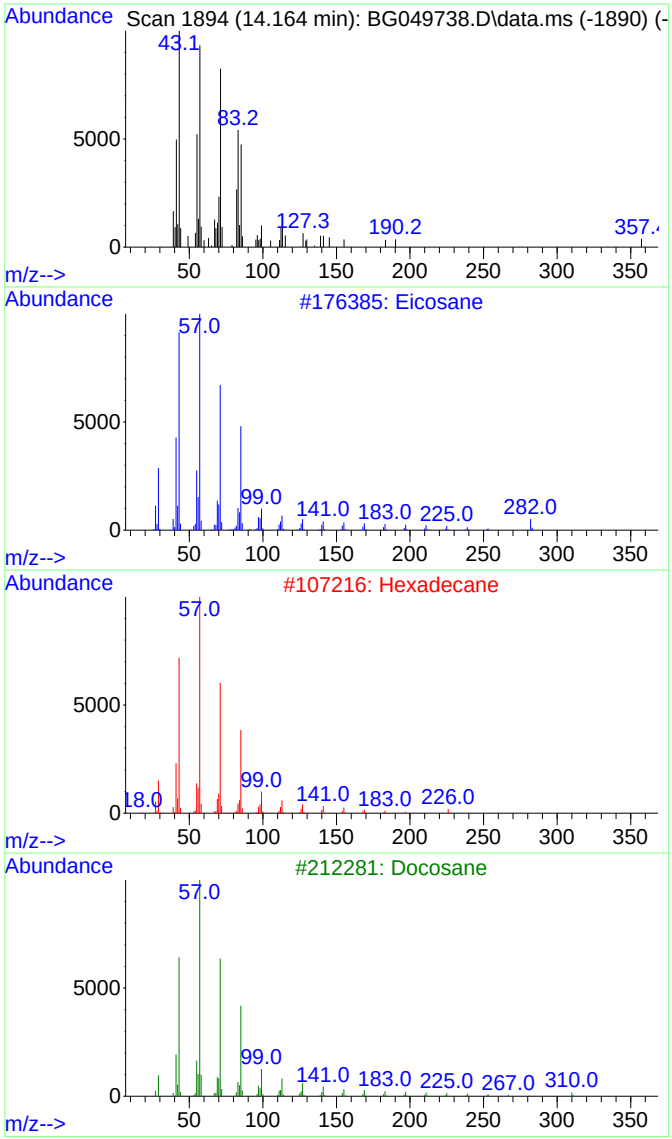
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

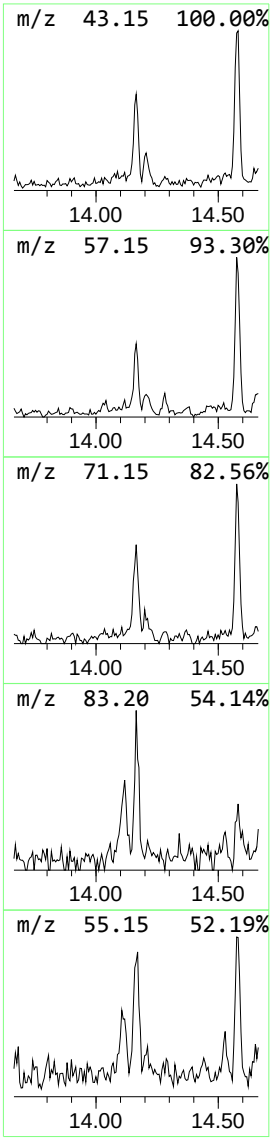
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.164	4.43 ng/ul	69826	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	52
2	Hexadecane	226	C16H34	000544-76-3	52
3	Docosane	310	C22H46	000629-97-0	47
4	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	43
5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	43





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

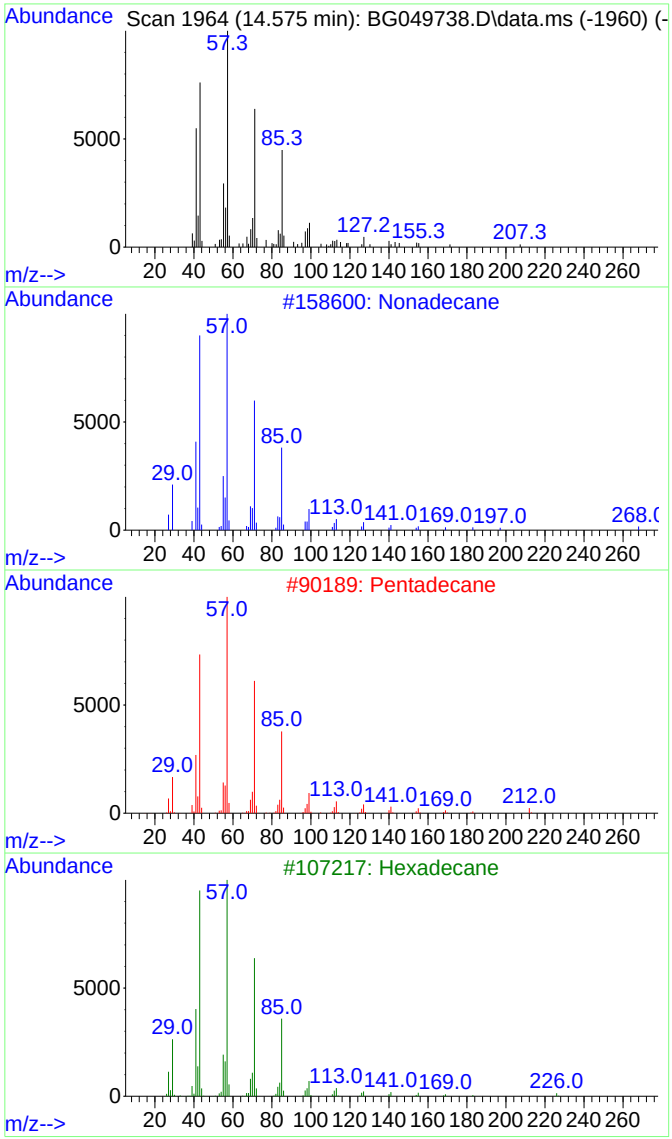
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

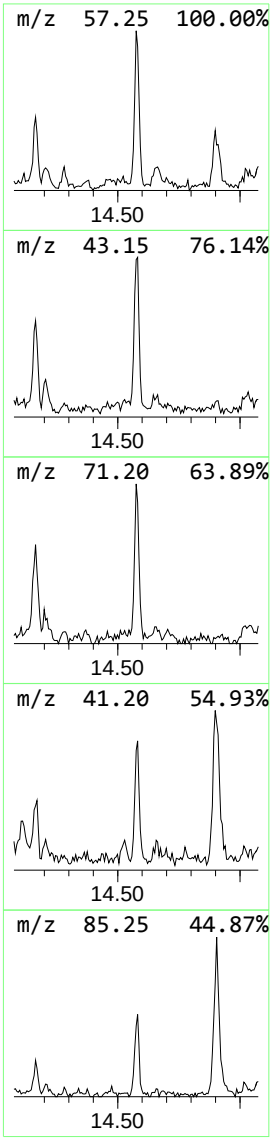
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.575	6.40 ng/ul	100923	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	9-methylheptadecane	254	C18H38	026741-18-4	78





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

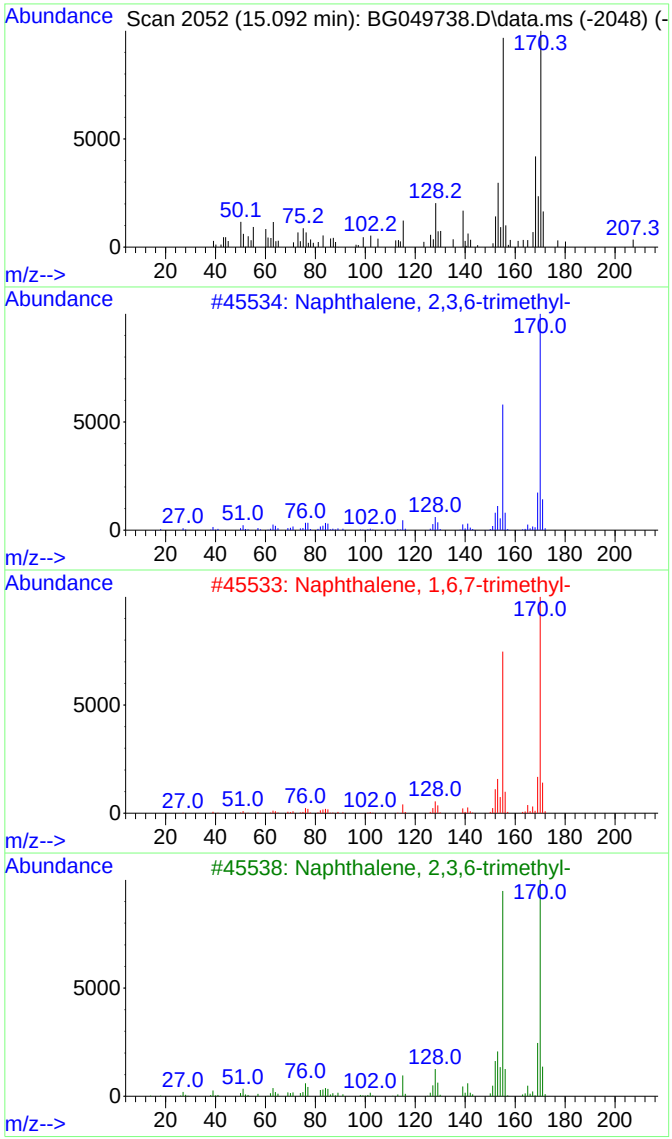
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

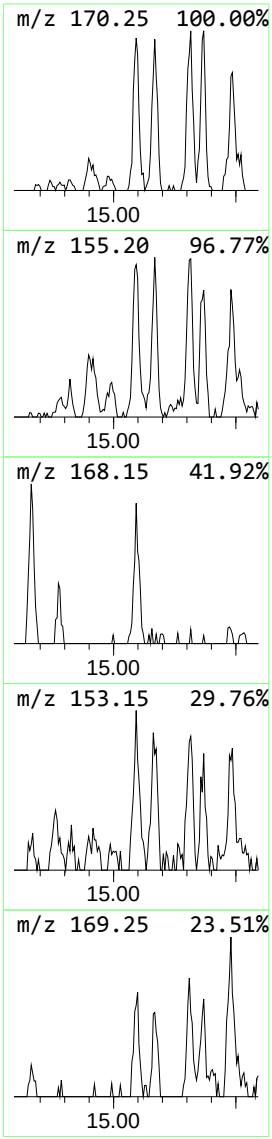
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	4.40 ng/ul	69386	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	81
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E8

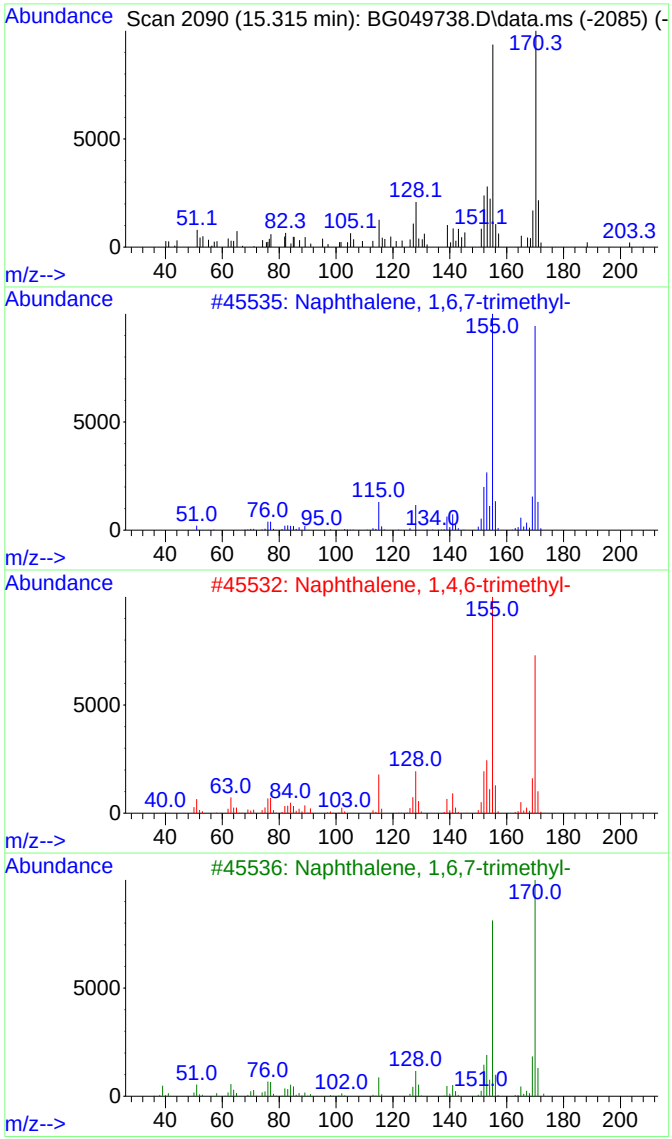
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

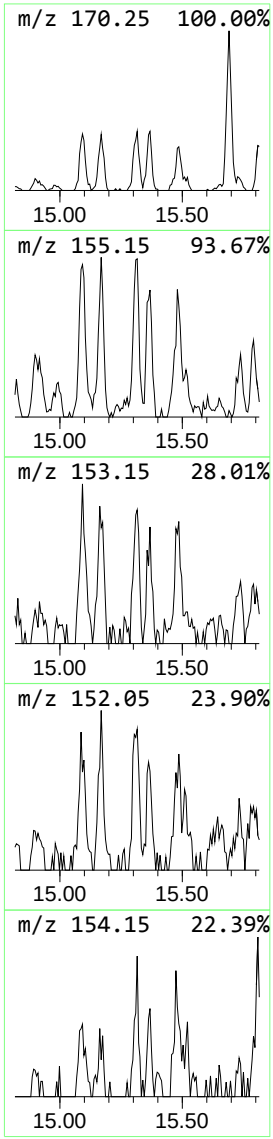
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 1,6,7-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	4.45 ng/ul	70256	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87





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Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

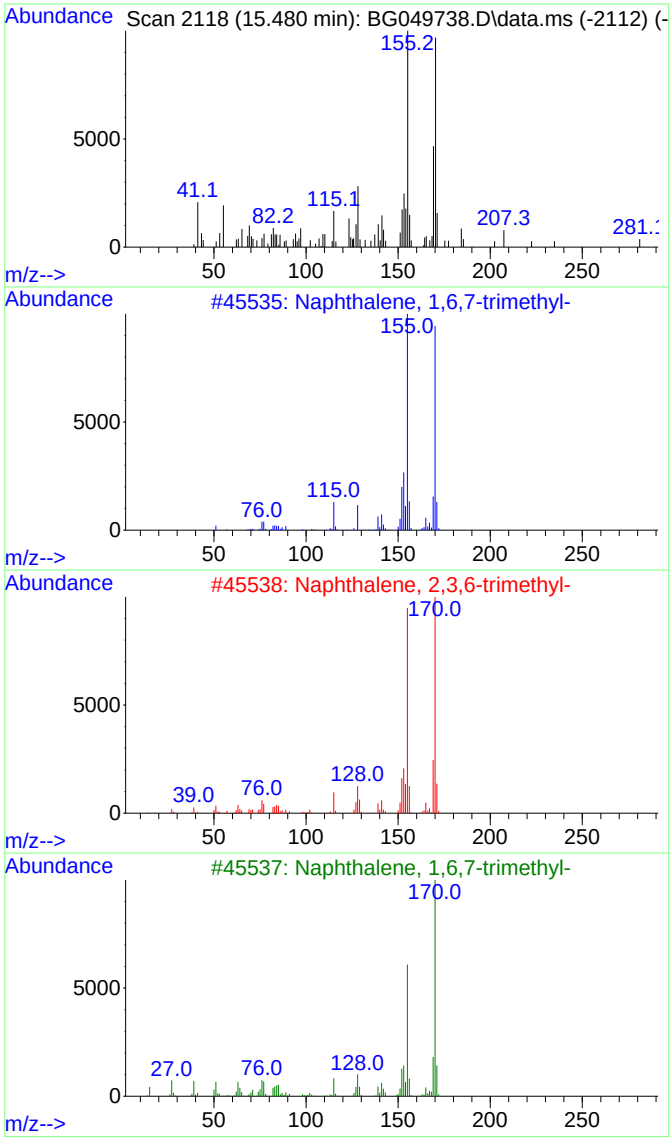
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

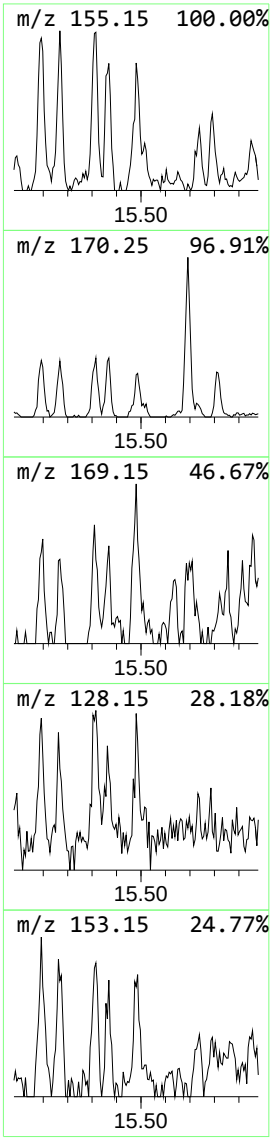
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 1,4,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.480	4.45 ng/ul	70202	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90





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Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

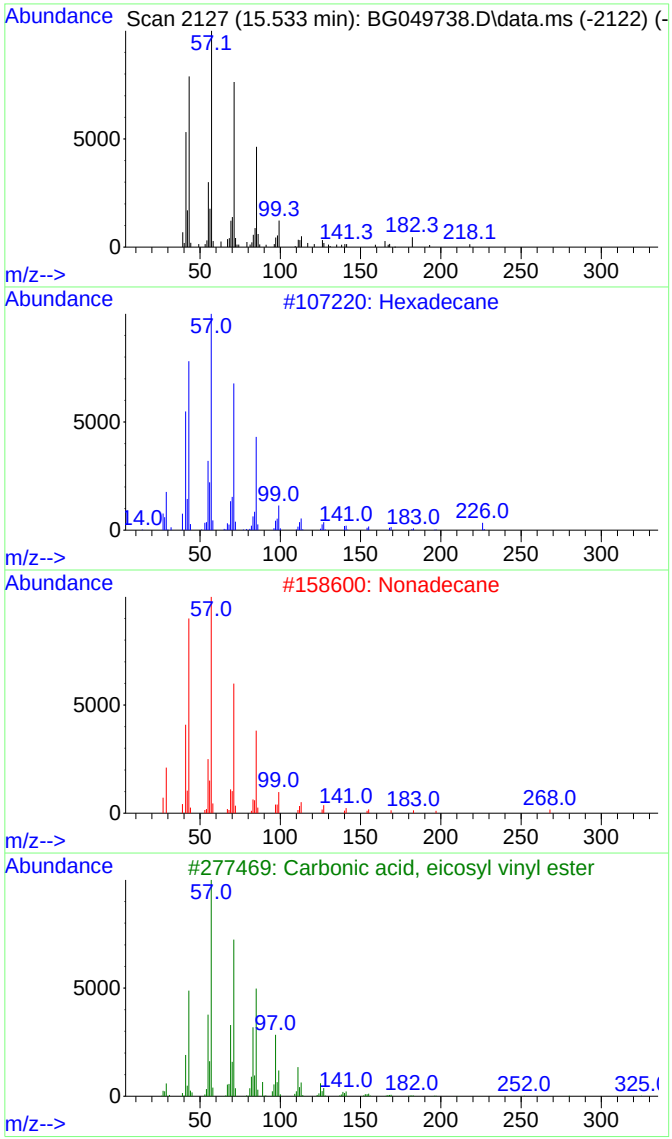
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

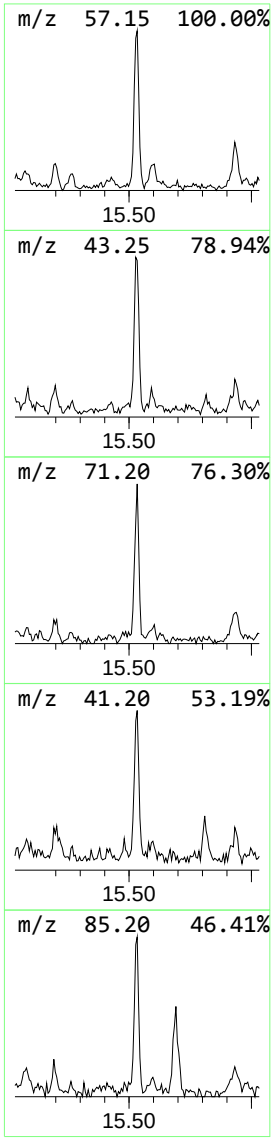
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	7.57 ng/ul	119393	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4	Tetradecane	198	C14H30	000629-59-4	78
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	78





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Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E8

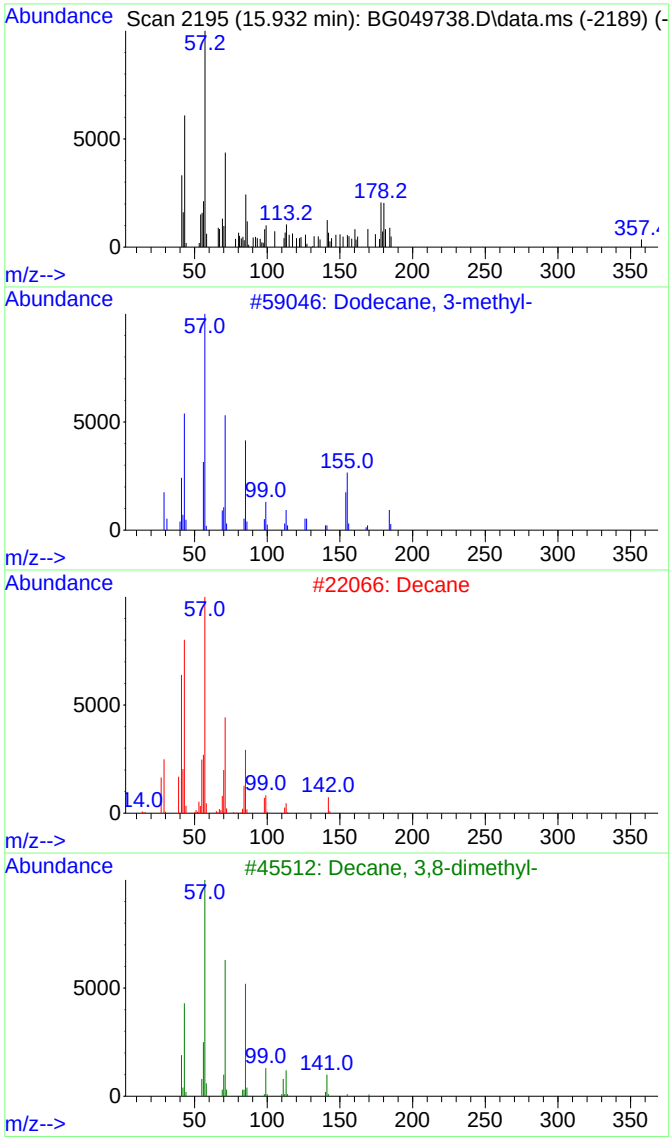
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

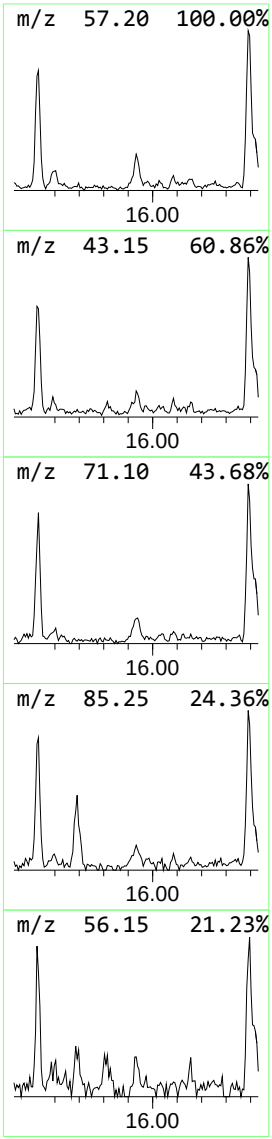
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.932	4.36 ng/ul	68827	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
2	Decane	142	C10H22	000124-18-5	50
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
4	Undecane	156	C11H24	001120-21-4	43
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	43





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E8

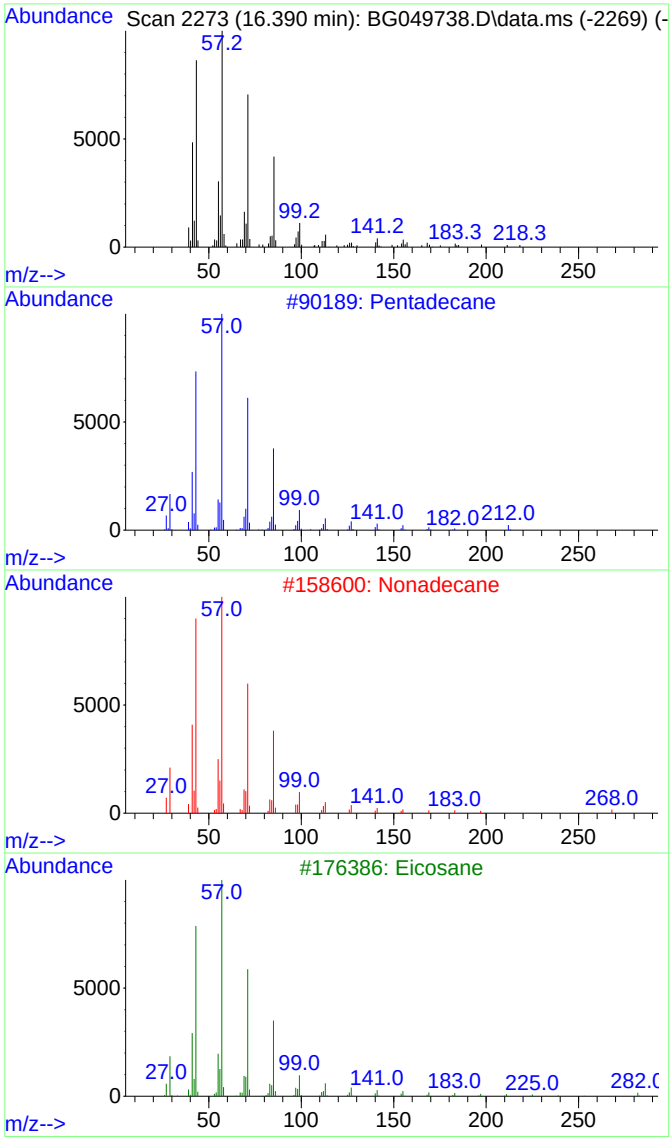
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

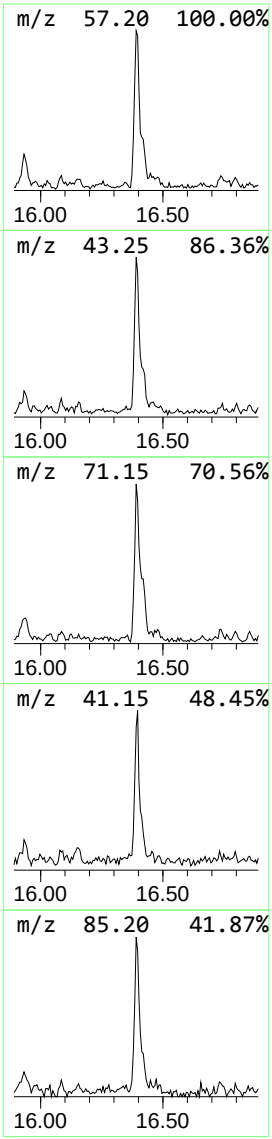
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.390	9.13 ng/ul	165372	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Tetradecane	198	C14H30	000629-59-4	90
5	Pentadecane	212	C15H32	000629-62-9	90





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Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

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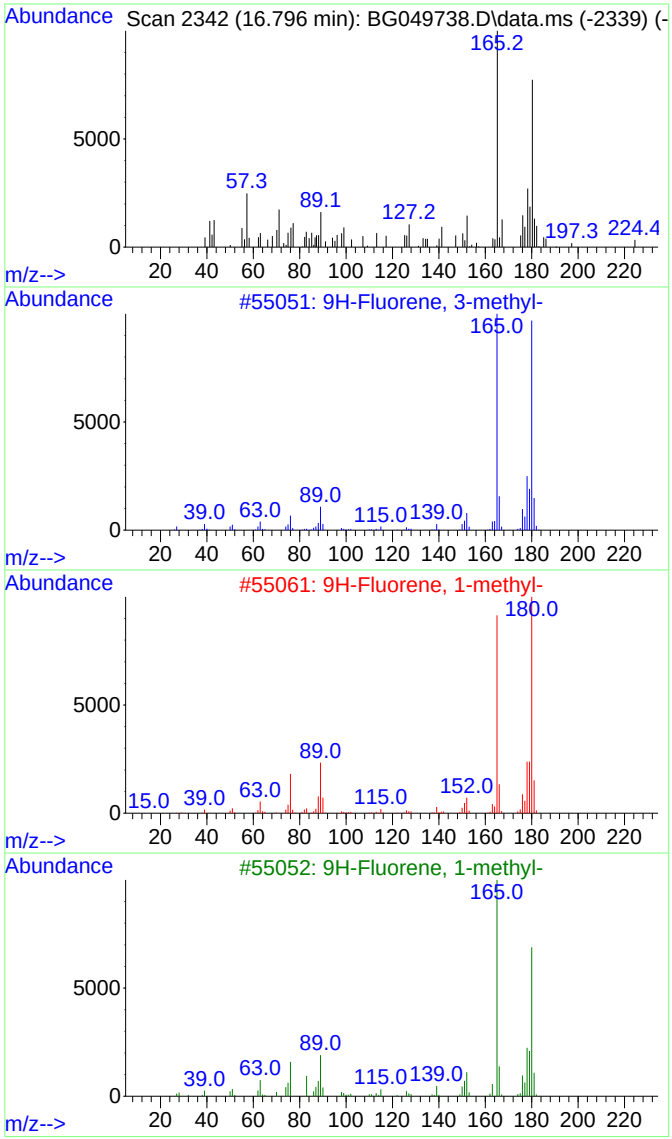
Quant Title : SVOA CALIBRATION

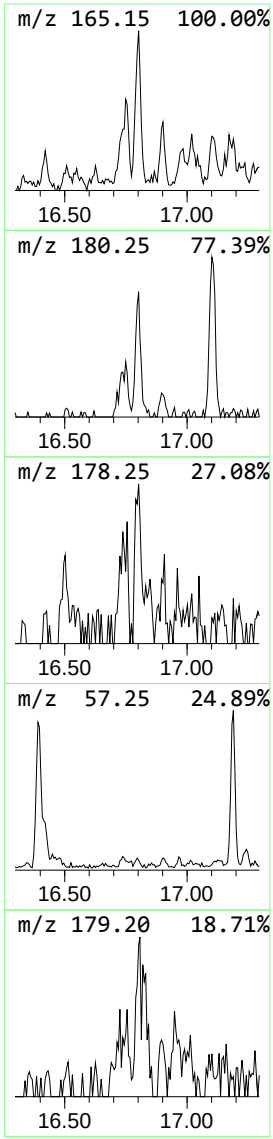
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 9H-Fluorene, 3-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.796	2.24 ng/ul	40532	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	81
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	68





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

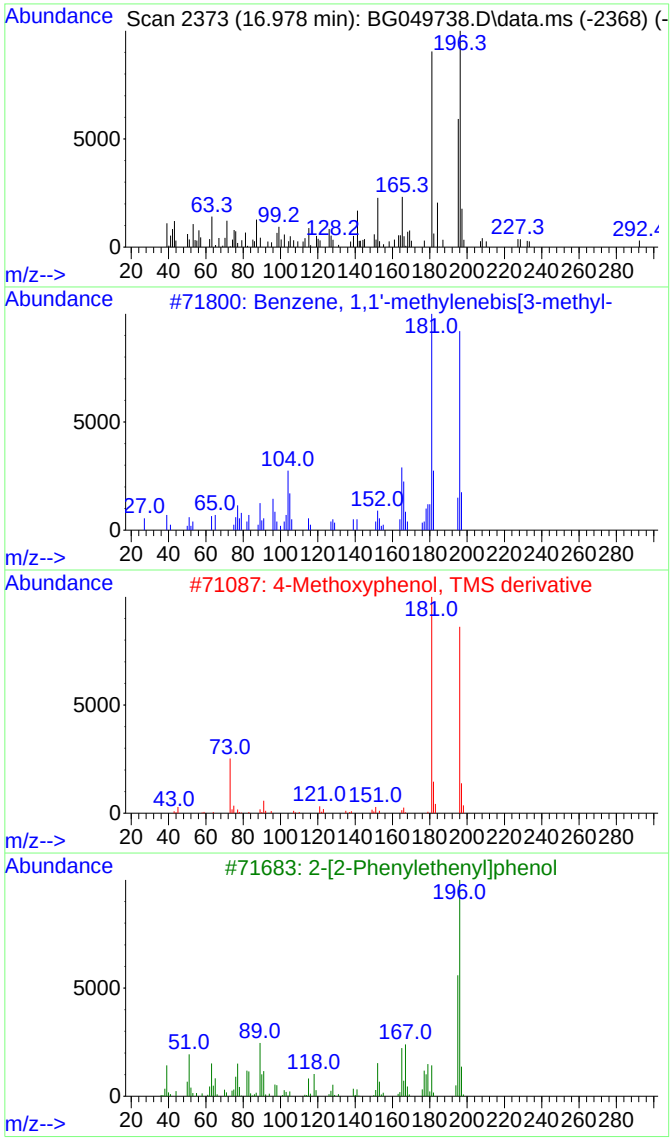
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

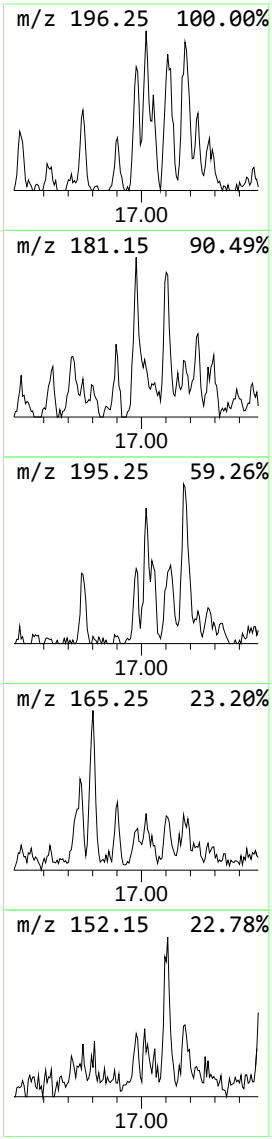
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1,1'-methylenebis[... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.978	3.68 ng/ul	66678	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	52
2	4-Methoxyphenol, TMS derivative	196	C10H16O2Si	006689-38-9	49
3	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	49
4	1-Ethyl-6,7-difluoro-2-methyl-1,...	196	C10H10F2N2	1381944-71-3	47
5	Benzaldehyde, 3,4,5-trimethoxy-	196	C10H12O4	000086-81-7	47





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Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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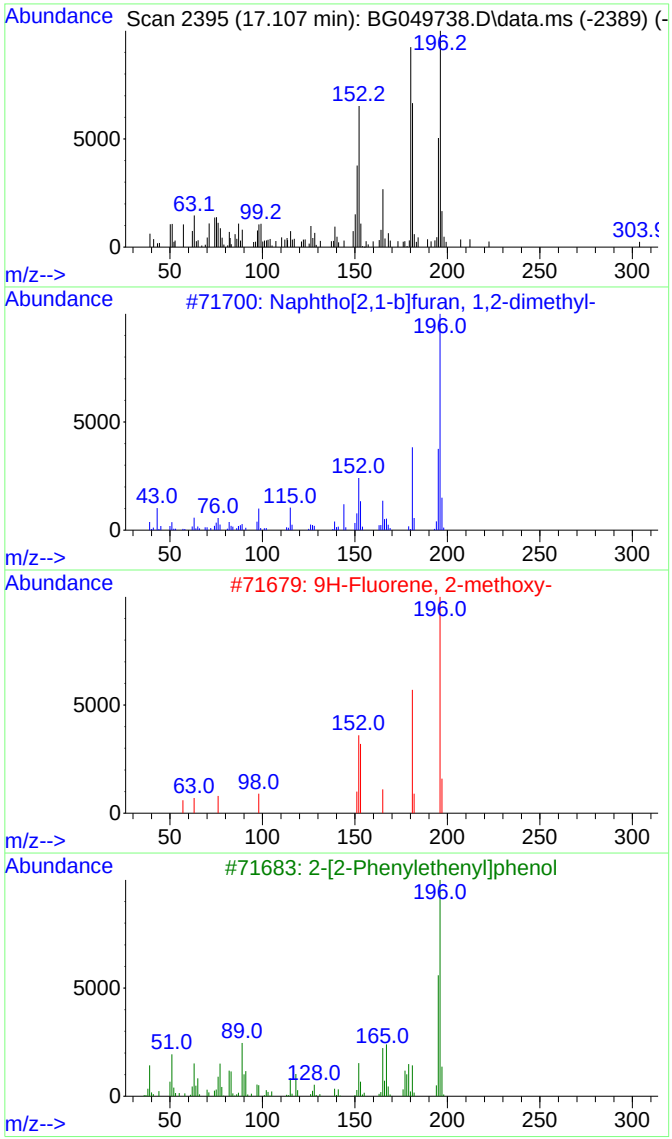
Quant Title : SVOA CALIBRATION

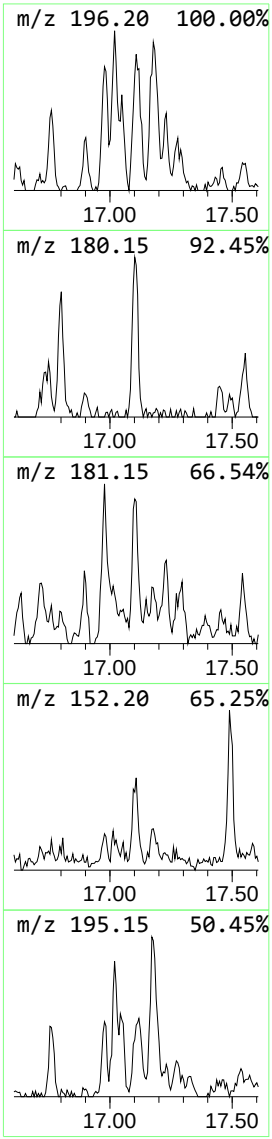
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.107	6.08 ng/ul	110154	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	62
2	9H-Fluorene, 2-methoxy-	196	C14H12O	002523-46-8	43
3	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	43
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	41
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	38





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Sample : M3208-08
Misc :
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Instrument : BNA_G
ClientSampleId : C00E8

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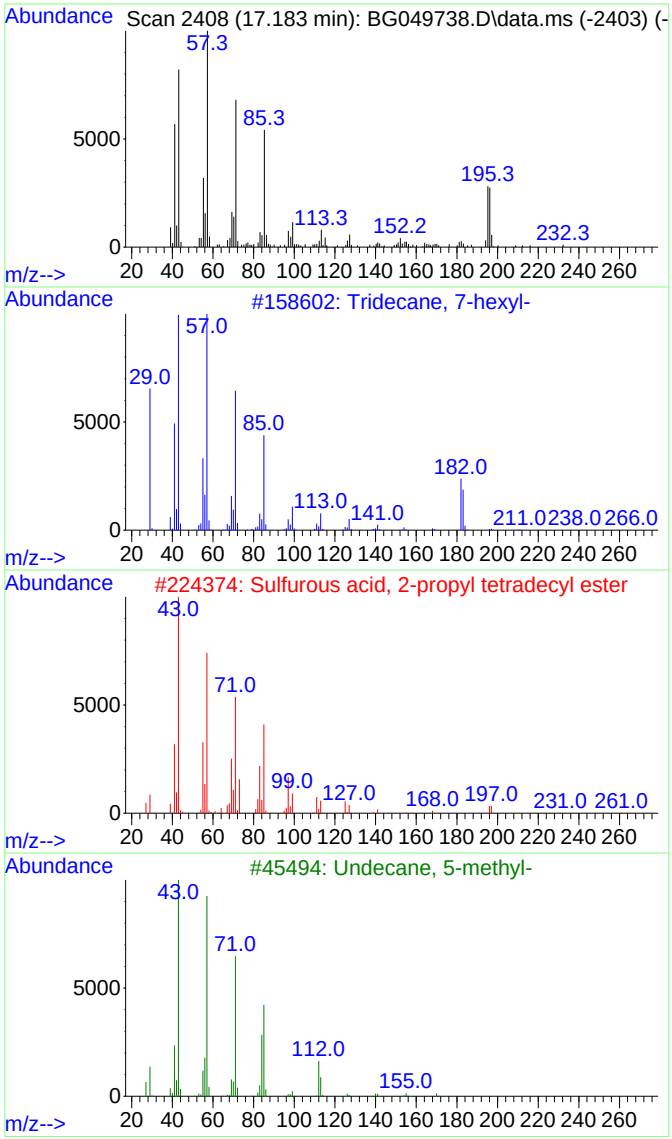
Quant Title : SVOA CALIBRATION

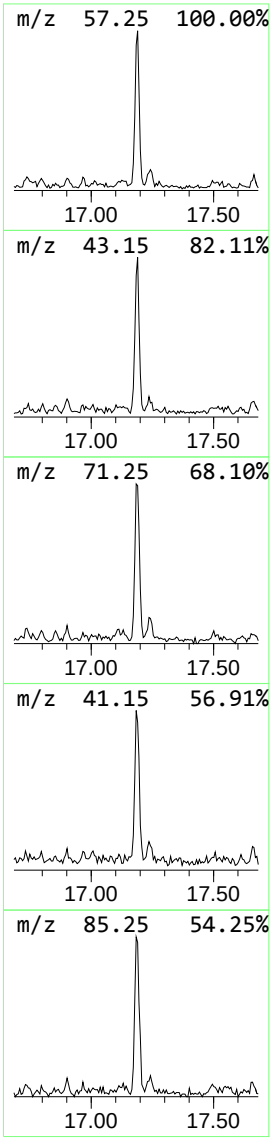
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.183	11.20 ng/ul	202886	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	58
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	58
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	52
4	Hexadecane	226	C16H34	000544-76-3	52
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

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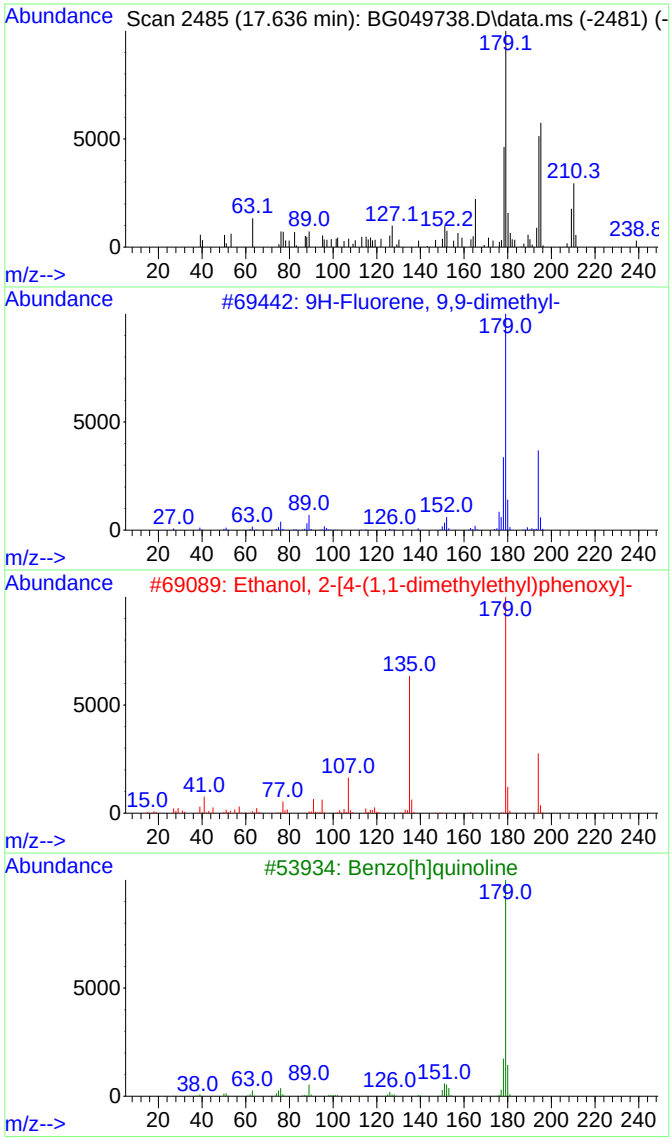
Quant Title : SVOA CALIBRATION

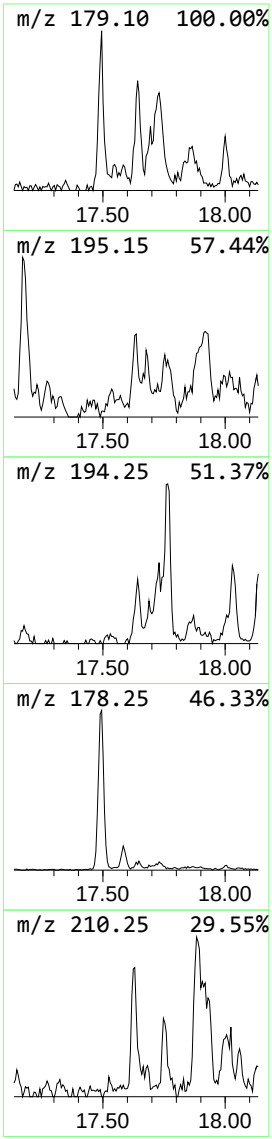
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 9H-Fluorene, 9,9-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.636	4.90 ng/ul	88733	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	64
2	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	38
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	30
4	Benzo[f]quinoline	179	C13H9N	000085-02-9	30
5	pyridine, 4-(2-phenylethynyl)-	179	C13H9N	1000404-81-1	27





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

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Quant Title : SVOA CALIBRATION

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

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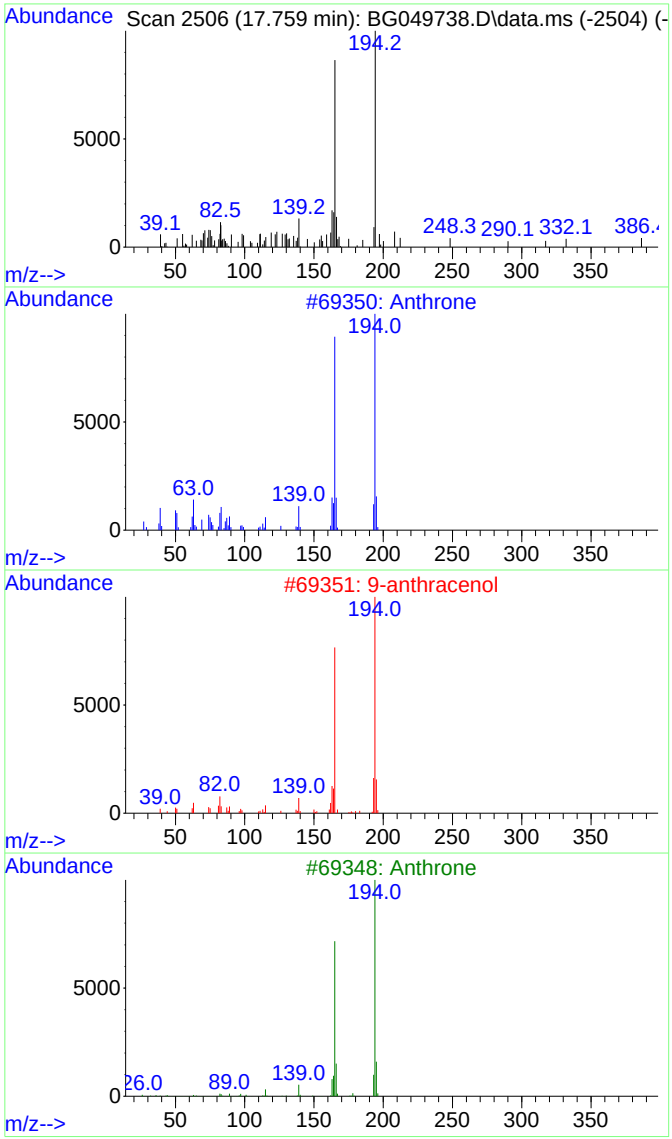
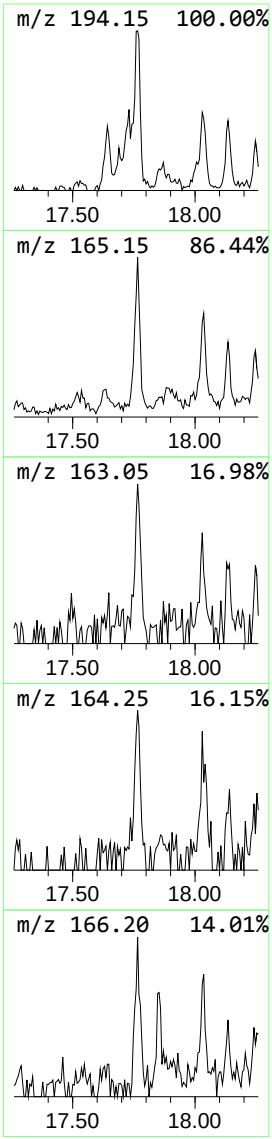
Peak Number 33 Anthrone Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.759	4.13 ng/ul	74818	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	87
2	9-anthracenol	194	C14H10O	1000400-30-3	81
3	Anthrone	194	C14H10O	000090-44-8	80
4	4-Phenanthrenol	194	C14H10O	007651-86-7	74
5	9-Phenanthrenol	194	C14H10O	000484-17-3	72





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Misc :
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Instrument : BNA_G
ClientSampleId : C00E8

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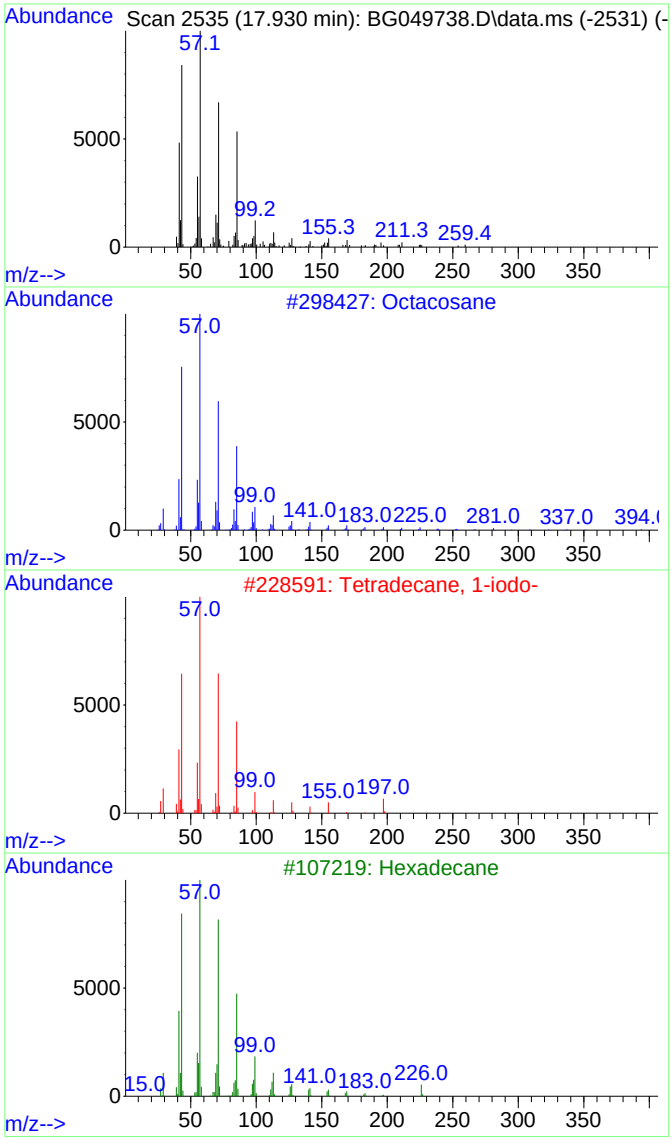
Quant Title : SVOA CALIBRATION

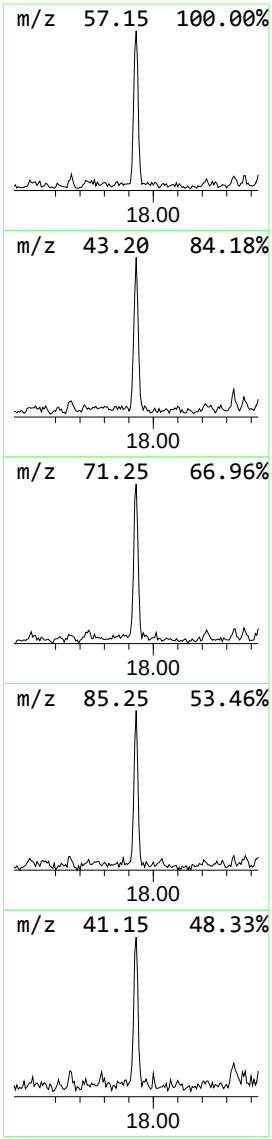
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.930	9.46 ng/ul	171460	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
3	Hexadecane	226	C16H34	000544-76-3	89
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

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Quant Title : SVOA CALIBRATION

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

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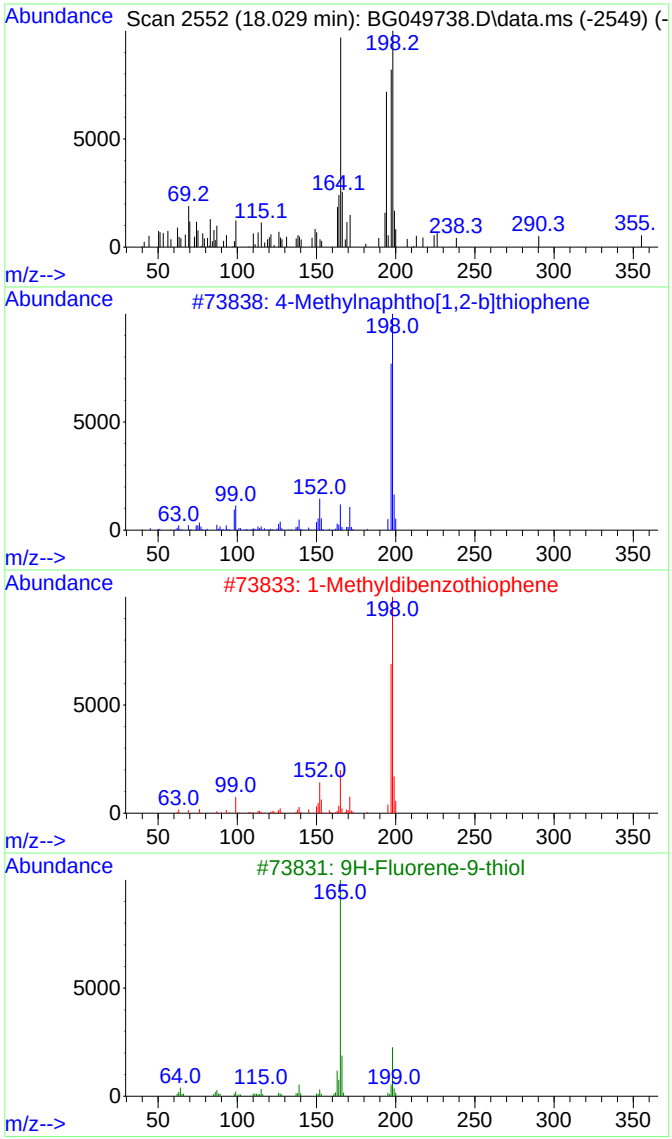
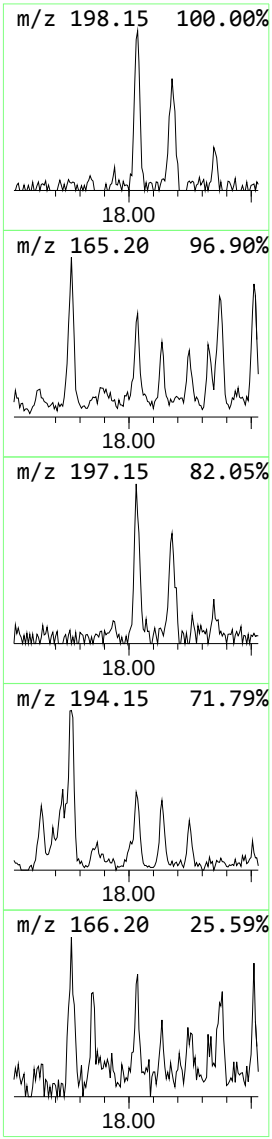
Peak Number 35 unknown-03 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.029	5.06 ng/ul	91764	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	46
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	43
3	9H-Fluorene-9-thiol	198	C13H10S	019552-08-0	38
4	4-Phenoxybenzaldehyde	198	C13H10O2	000067-36-7	30
5	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	30





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

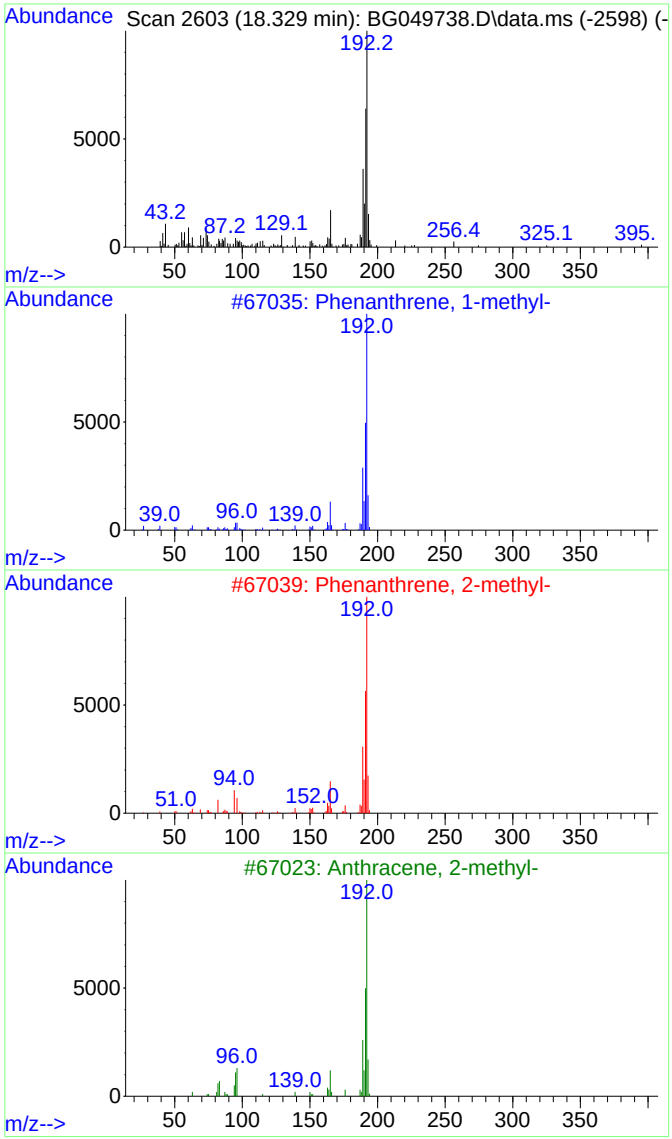
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

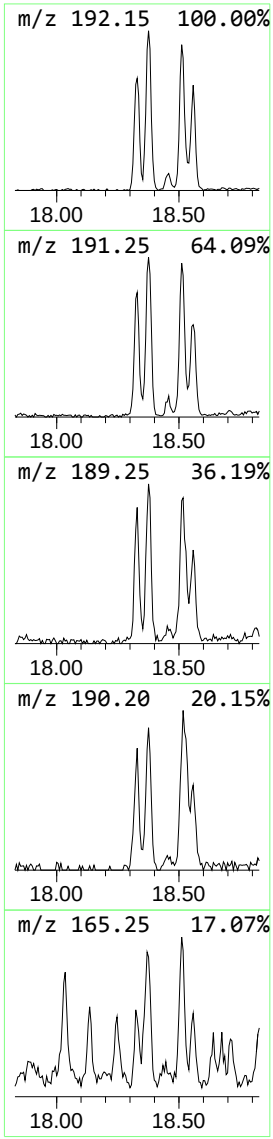
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.329	8.64 ng/ul	156529	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76





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Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E8

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

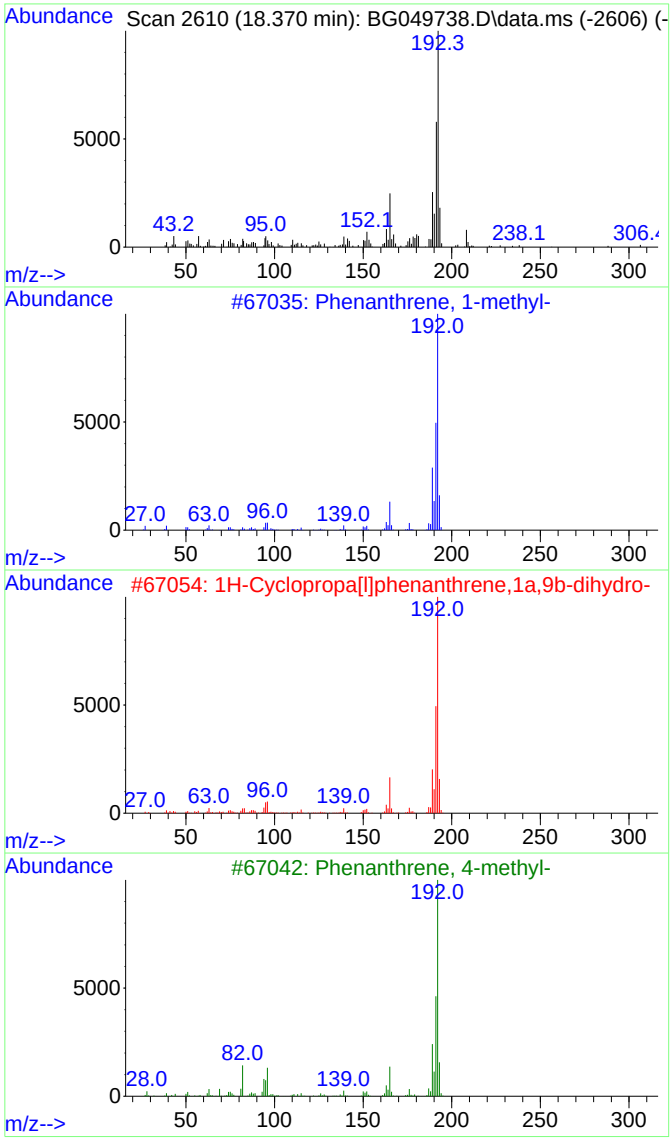
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

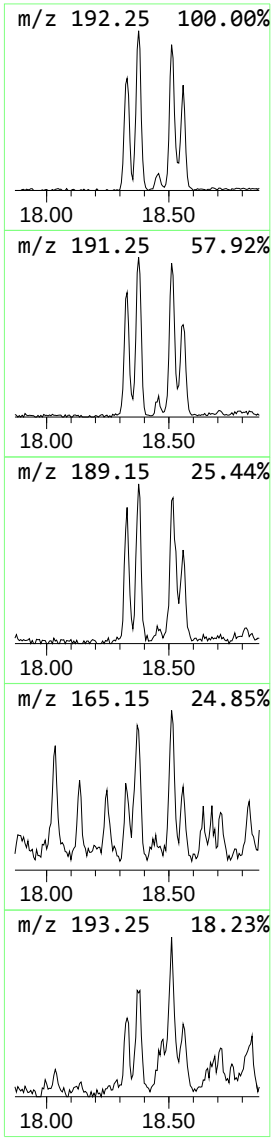
****

Peak Number 37 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.370	13.47 ng/ul	243999	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

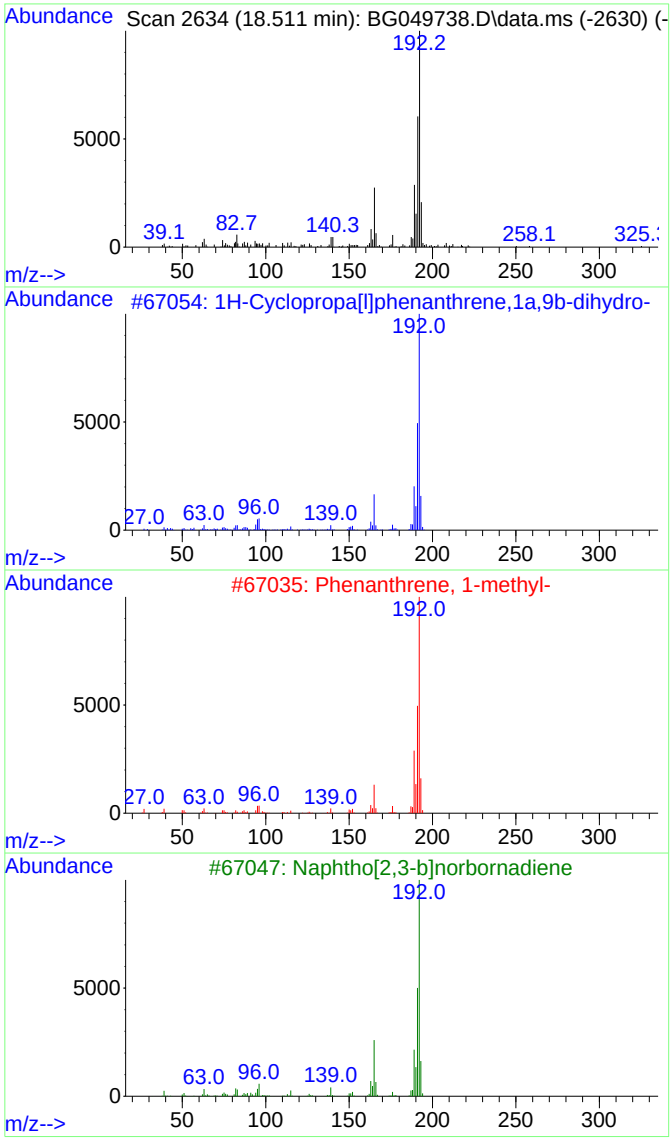
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

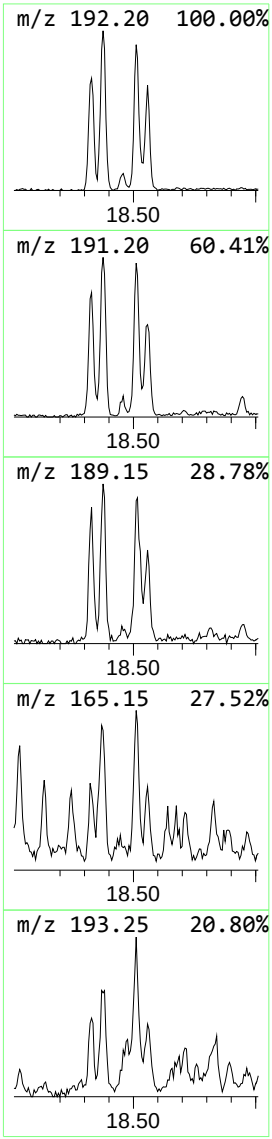
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.511	9.52 ng/ul	172403	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E8

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

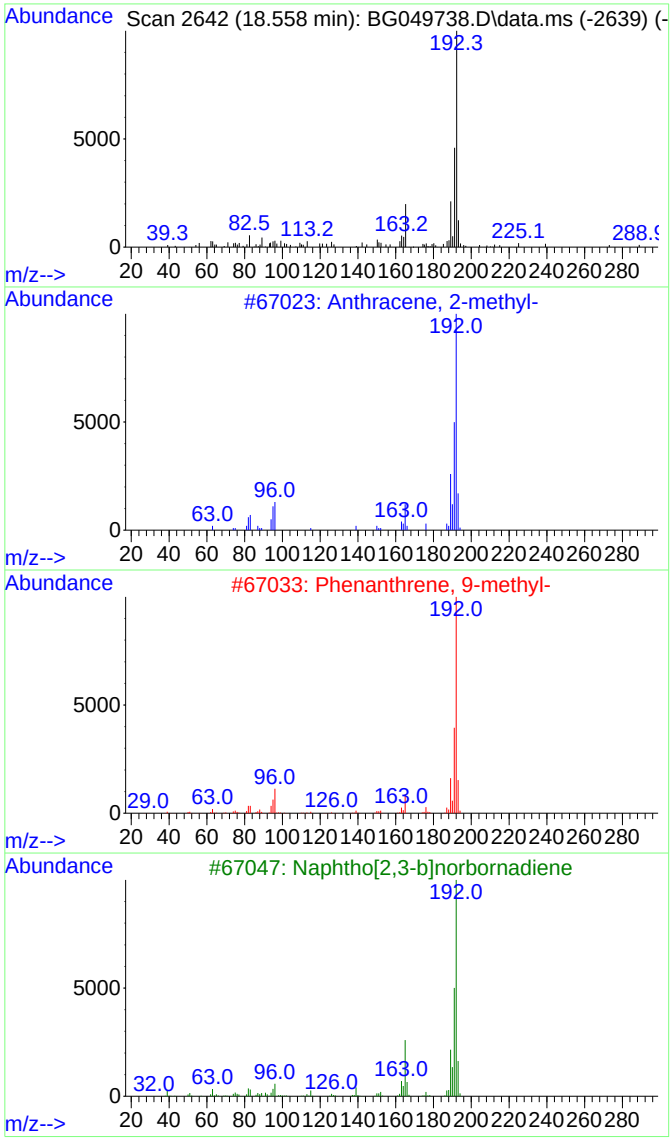
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

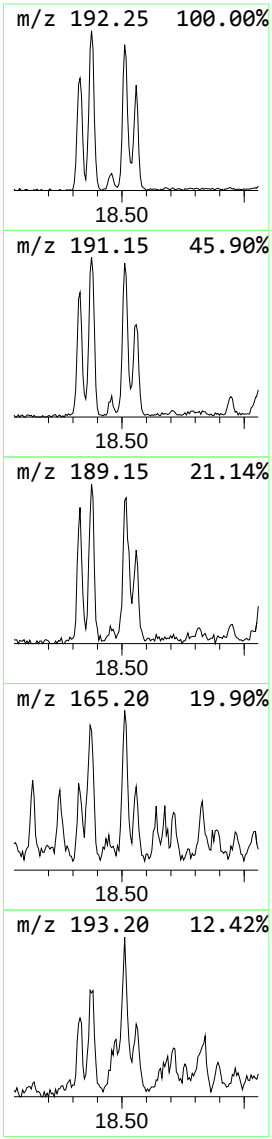
****

Peak Number 39 Anthracene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.558	5.42 ng/ul	98203	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	81
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

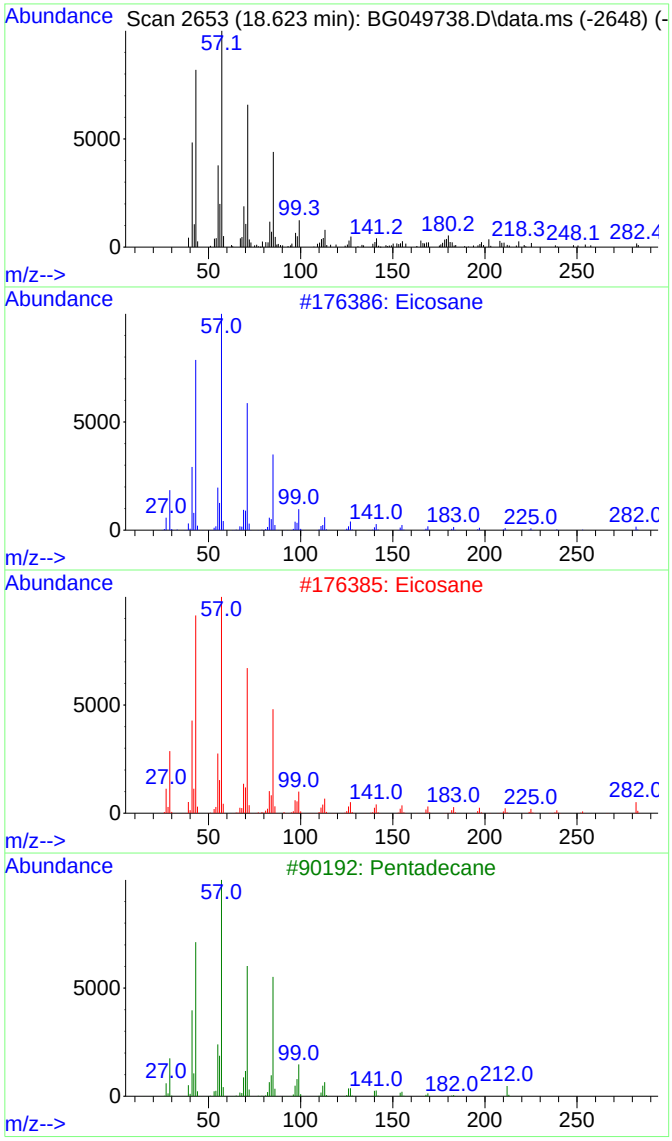
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

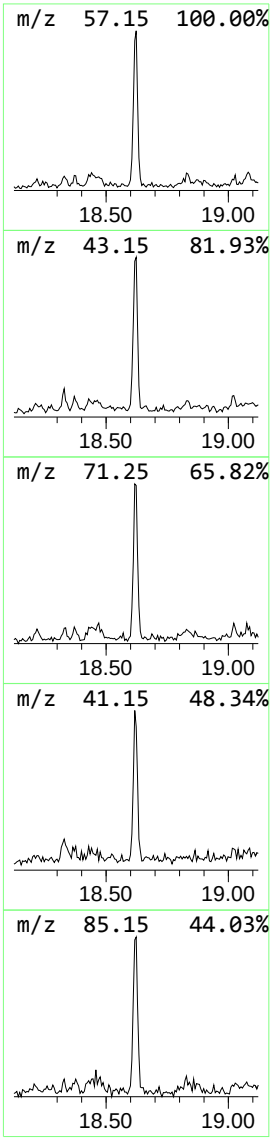
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.623	10.22 ng/ul	185098	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane	282	C20H42	000112-95-8	95
3	Pentadecane	212	C15H32	000629-62-9	95
4	Pentadecane	212	C15H32	000629-62-9	93
5	Octadecane	254	C18H38	000593-45-3	93





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Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E8

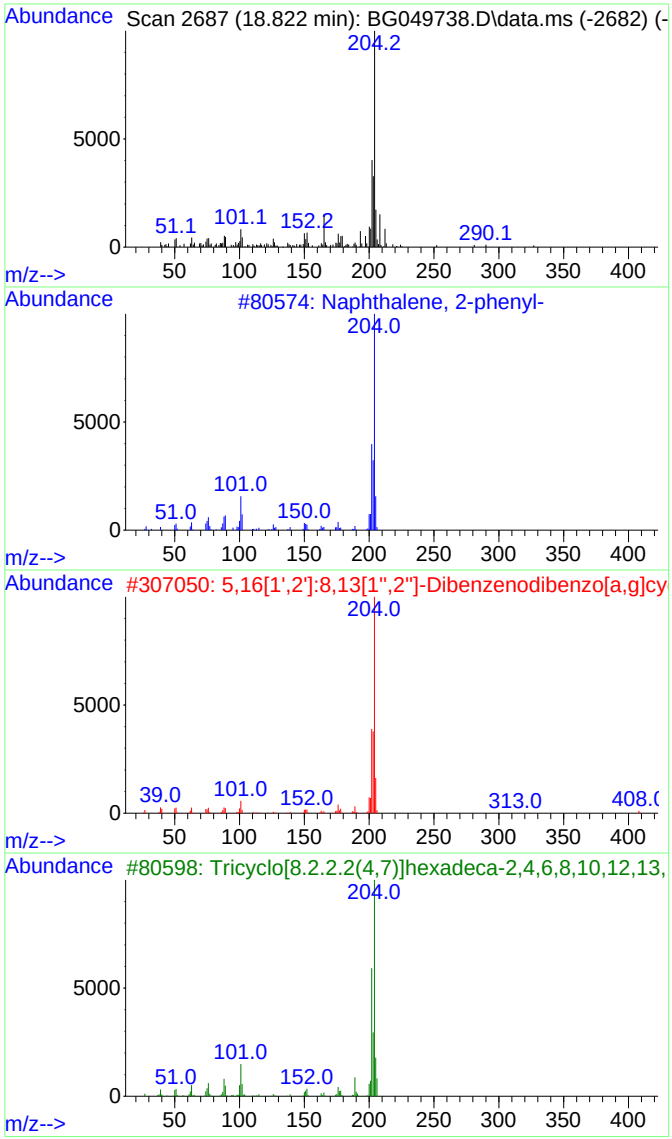
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

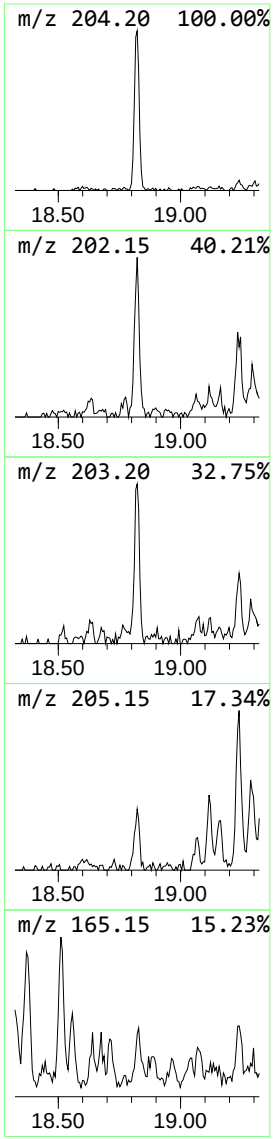
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.822	6.59 ng/ul	119490	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55





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Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

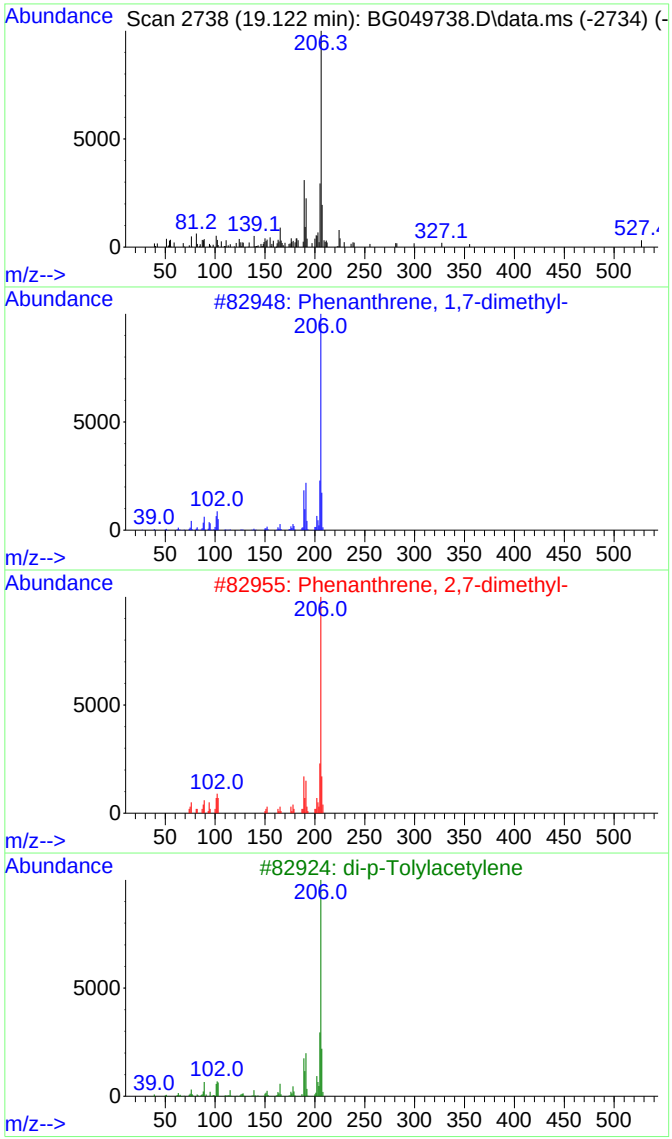
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

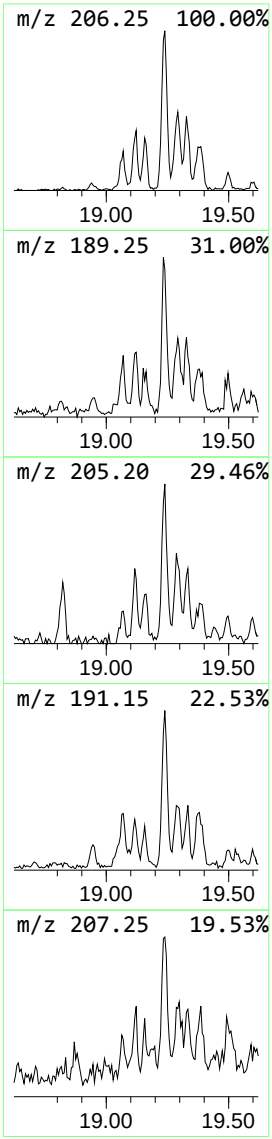
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Phenanthrene, 1,7-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.122	2.68 ng/ul	48629	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

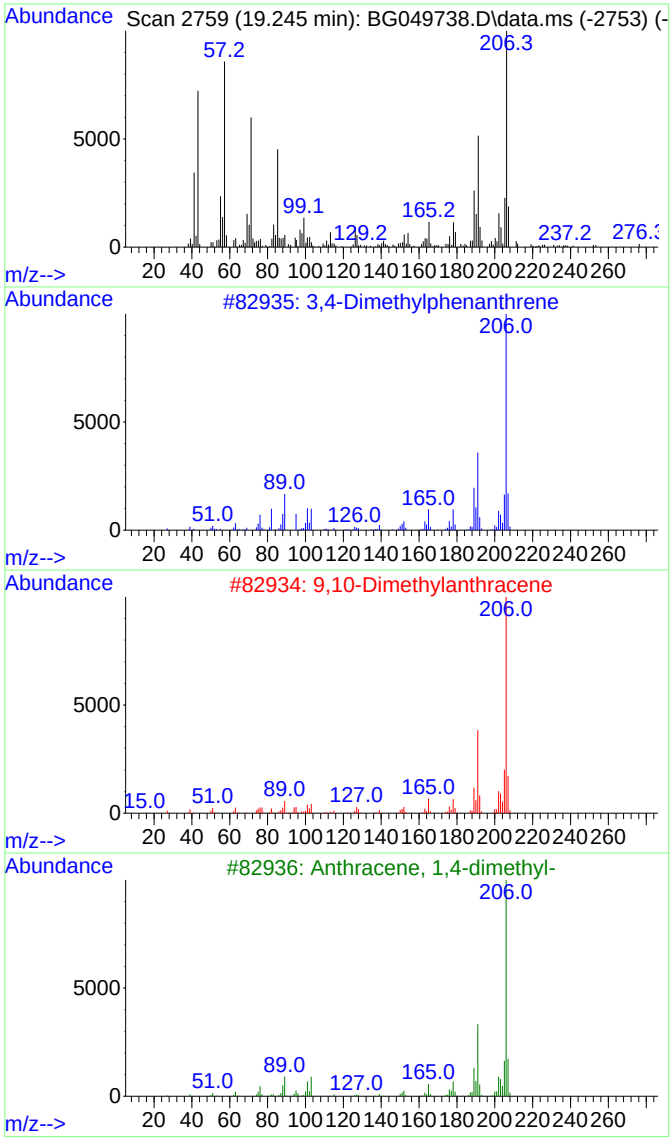
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

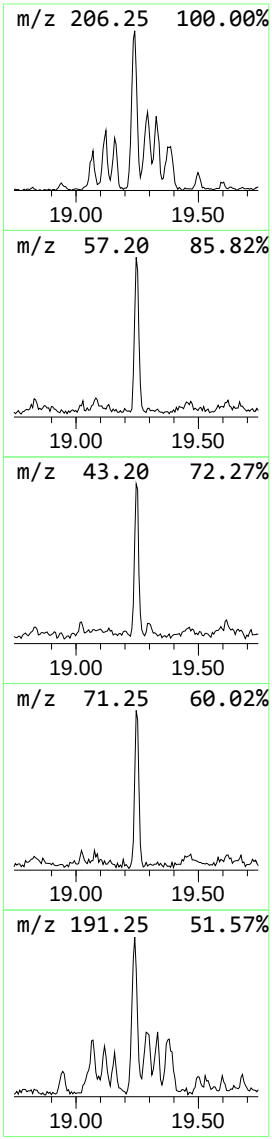
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 3,4-Dimethylphenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	20.09 ng/ul	363992	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78





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Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

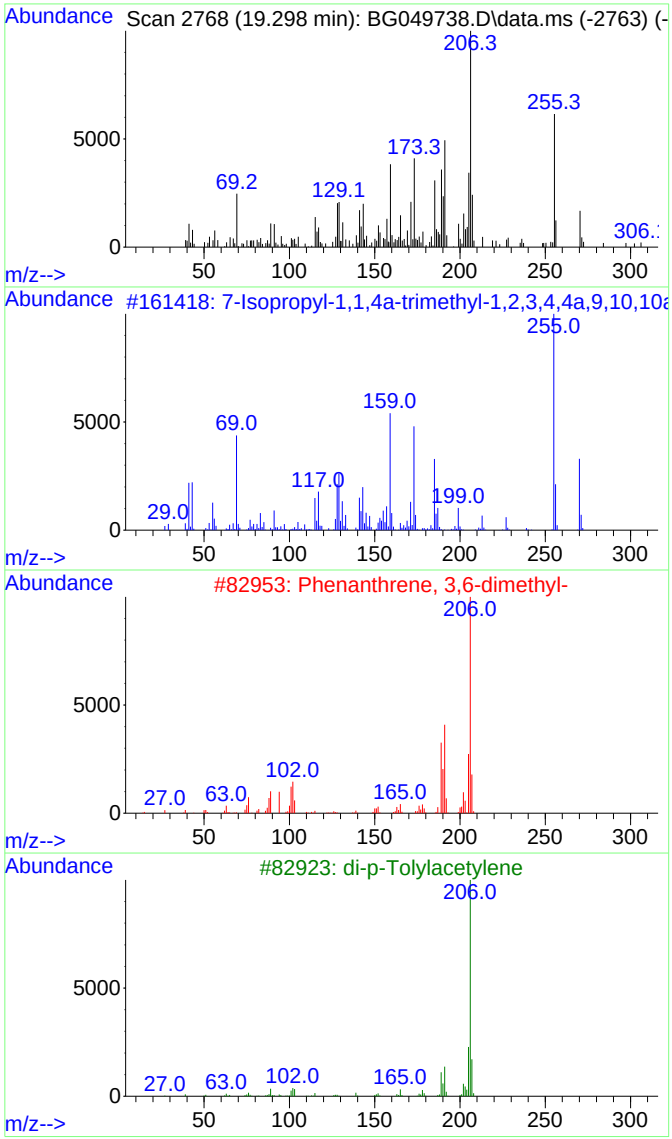
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

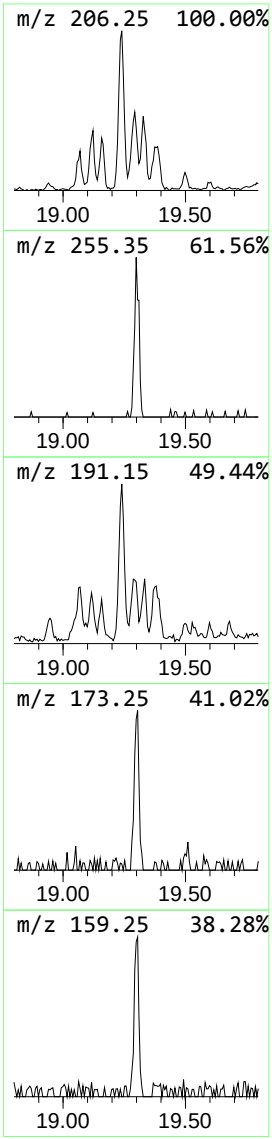
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 7-Isopropyl-1,1,4a-trimethy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	6.97 ng/ul	126289	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	109680-01-5	84
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	55
4	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	49
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	46





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Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E8

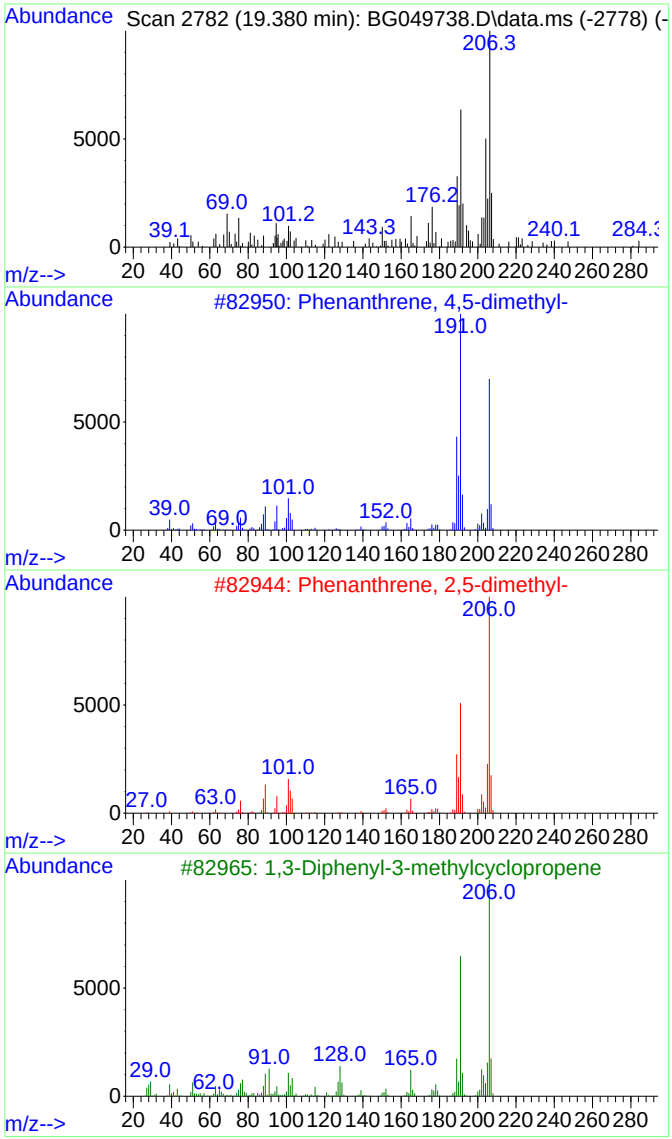
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

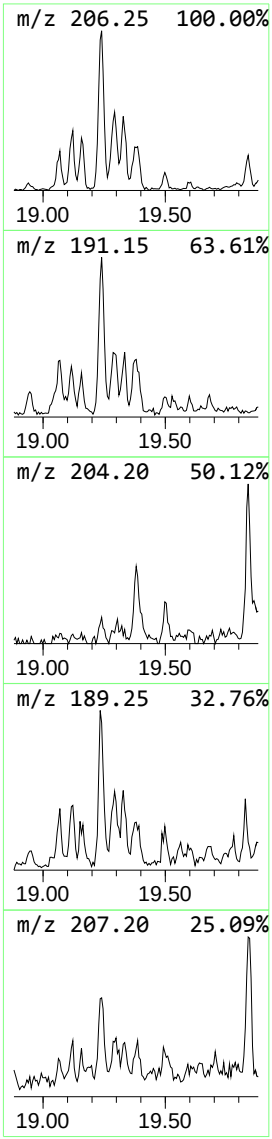
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Phenanthrene, 4,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.381	5.24 ng/ul	94907	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	70
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	62
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	58
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58





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Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

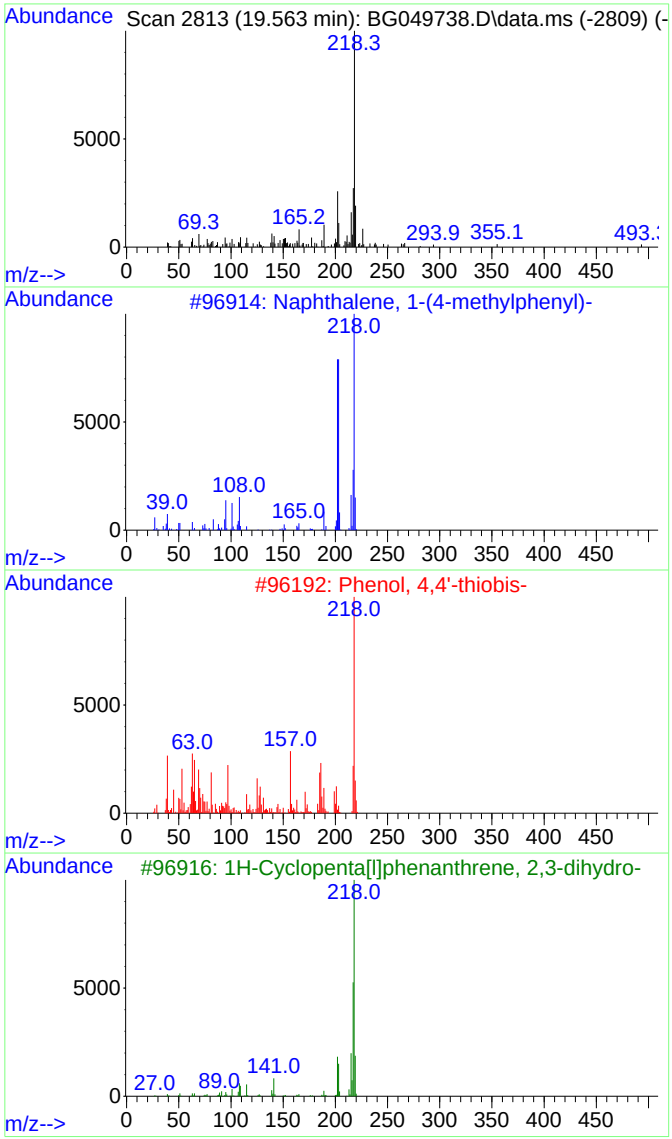
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

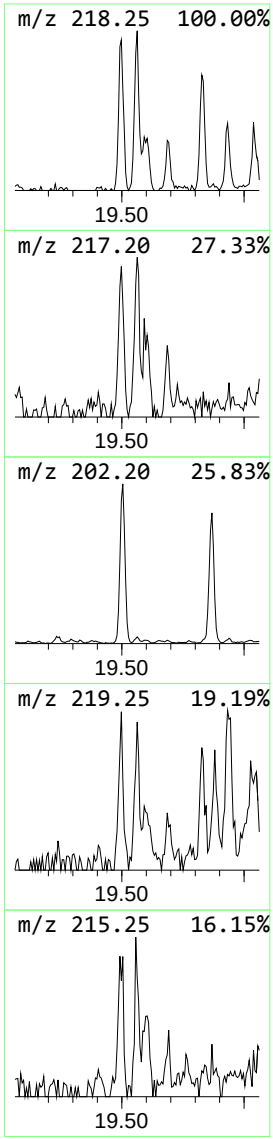
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Naphthalene, 1-(4-methylphe... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.563	4.44 ng/ul	80365	Phenanthrene-d10	17.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(4-methylphenyl)-	218	C17H14	027331-34-6	53
2	Phenol, 4,4'-thiobis-	218	C12H10O2S	002664-63-3	53
3	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	50
4	1,4-Naphthalenedione, 5,8-dihydr...	218	C12H10O4	021418-10-0	47
5	6H-Indolo[2,3-b]quinoline	218	C15H10N2	000243-38-9	47





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Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E8

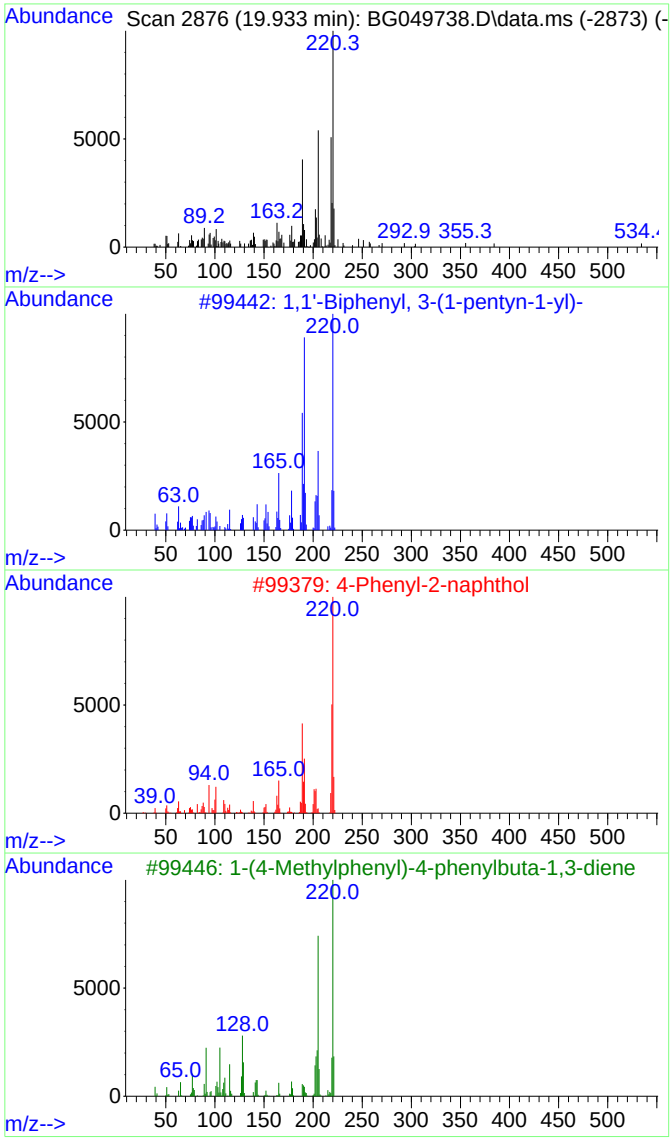
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

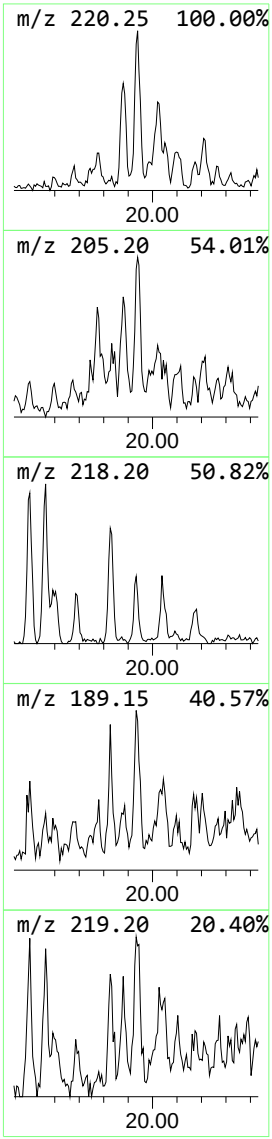
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 1,1'-Biphenyl, 3-(1-pentyn-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.933	3.90 ng/ul	100777	Chrysene-d12	21.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-(1-pentyn-1-yl)-	220	C17H16	2029236-76-6	50
2	4-Phenyl-2-naphthol	220	C16H12O	036159-74-7	46
3	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	46
4	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	46
5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	46





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Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E8

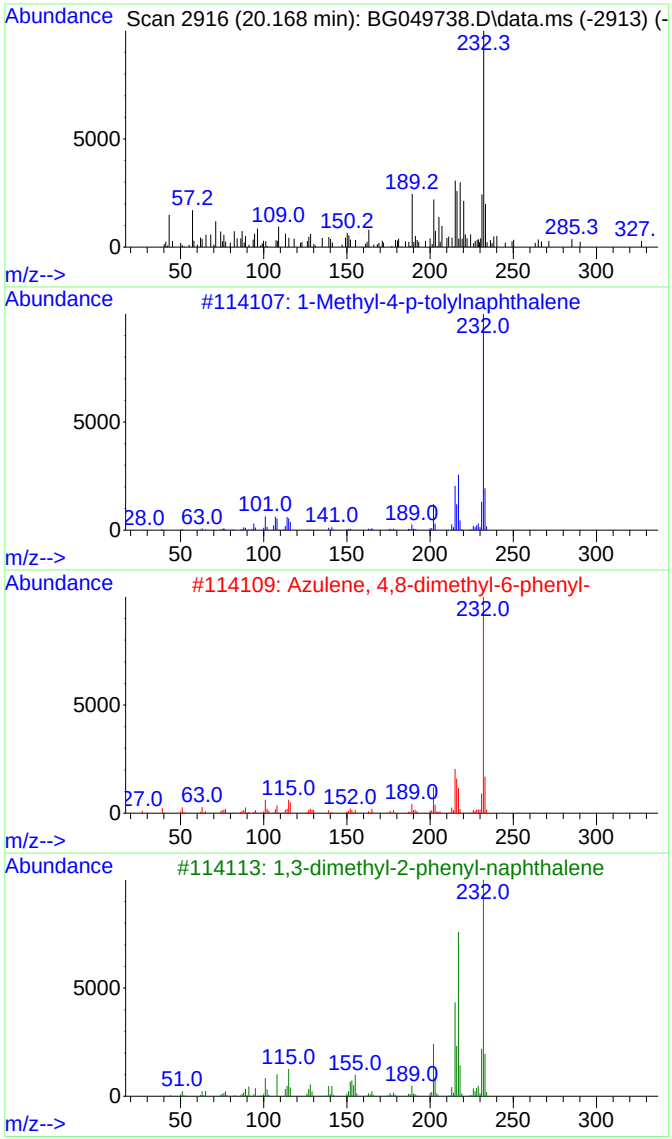
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

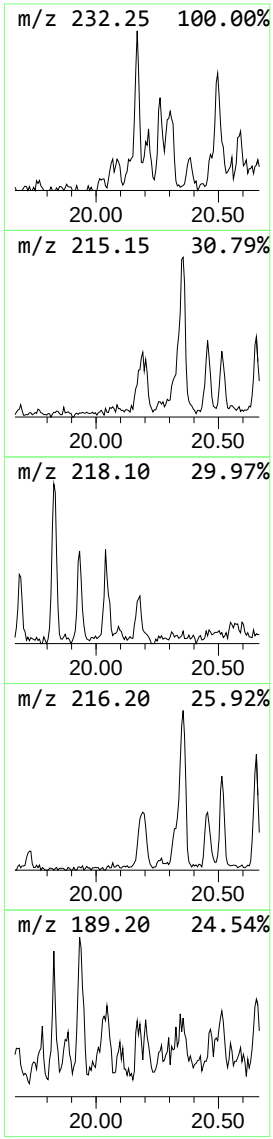
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 1-Methyl-4-p-tolylnaphthalene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.168	3.34 ng/ul	86373	Chrysene-d12	21.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-4-p-tolylnaphthalene	232	C18H16	093870-57-6	70
2	Azulene, 4,8-dimethyl-6-phenyl-	232	C18H16	042758-88-3	70
3	1,3-dimethyl-2-phenyl-naphthalene	232	C18H16	1000379-93-4	58
4	1-benzyl-3-methylnaphthalene	232	C18H16	1000379-93-5	52
5	1,4-Dimethyl-6-phenyl-naphthalene	232	C18H16	051036-93-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E8

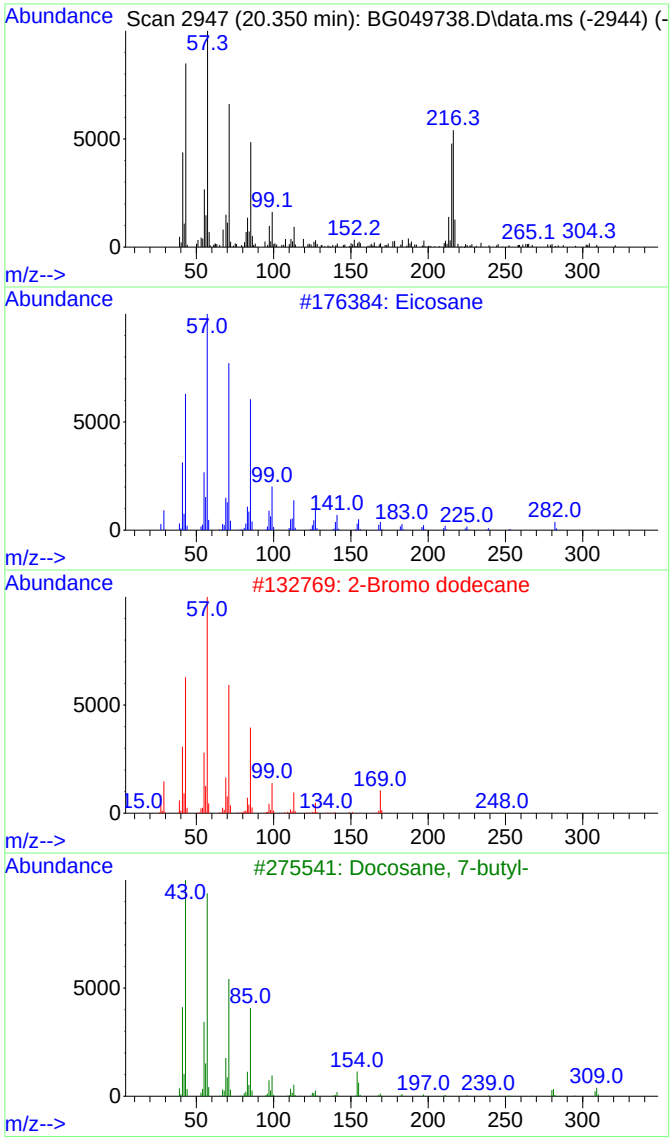
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

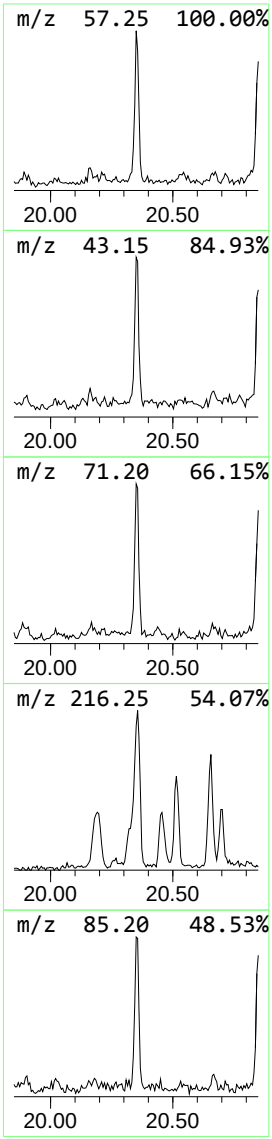
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.350	7.95 ng/ul	205310	Chrysene-d12	21.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	70
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	70
3	Docosane, 7-butyl-	366	C26H54	055282-15-0	49
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	49
5	Hentriacontane	437	C31H64	000630-04-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E8

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

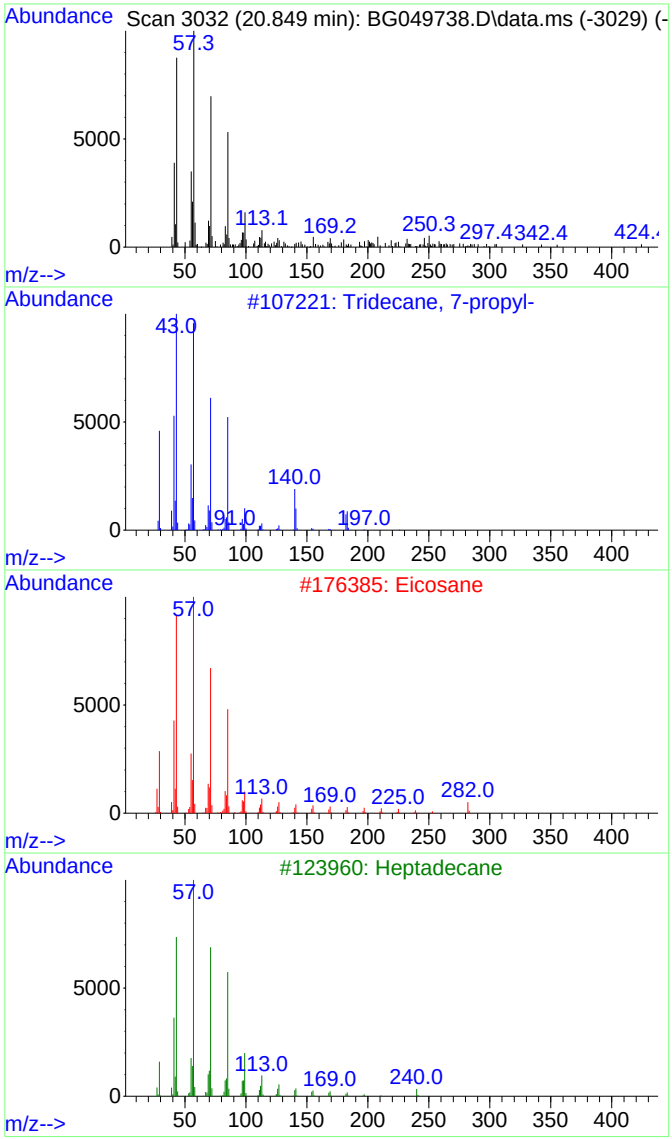
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

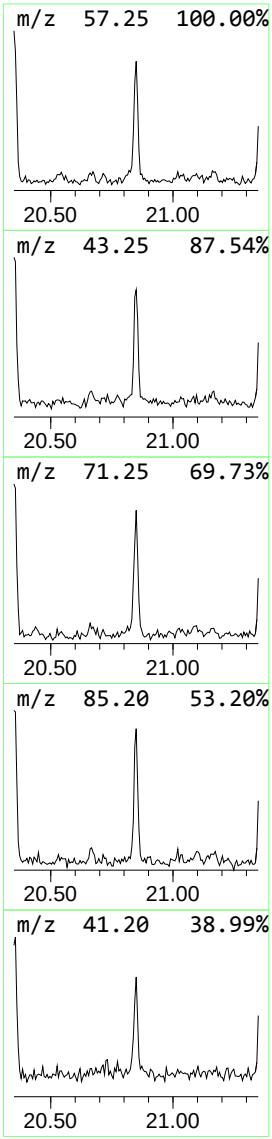
****

Peak Number 51 Tridecane, 7-propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.849	4.37 ng/ul	112979	Chrysene-d12	21.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
2	Eicosane	282	C20H42	000112-95-8	89
3	Heptadecane	240	C17H36	000629-78-7	89
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

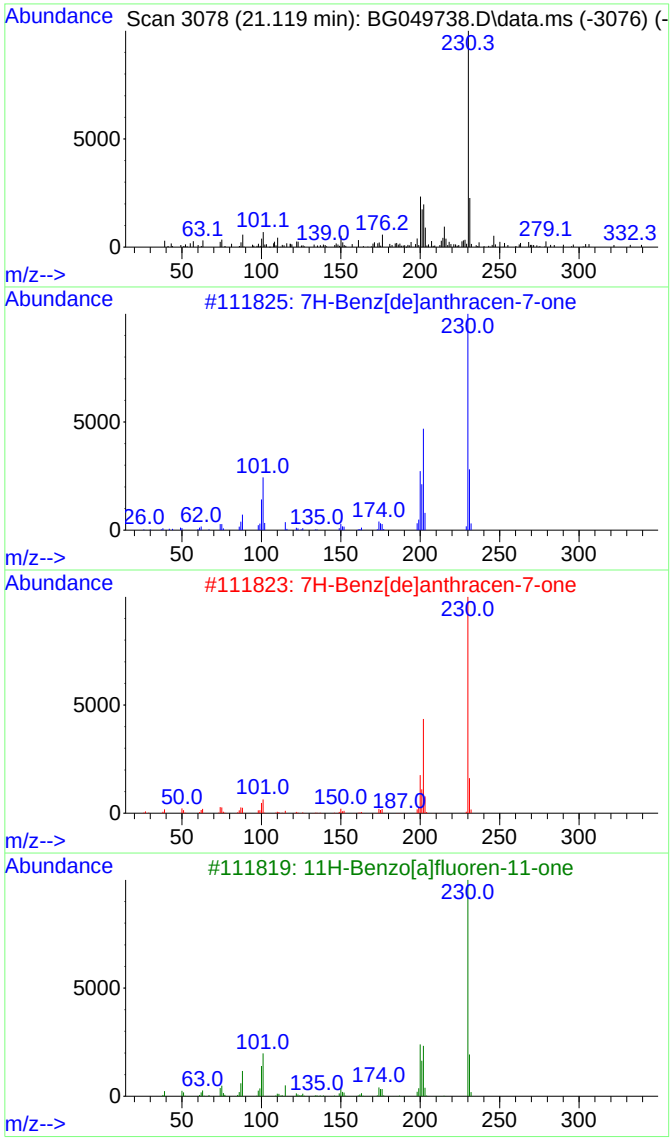
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

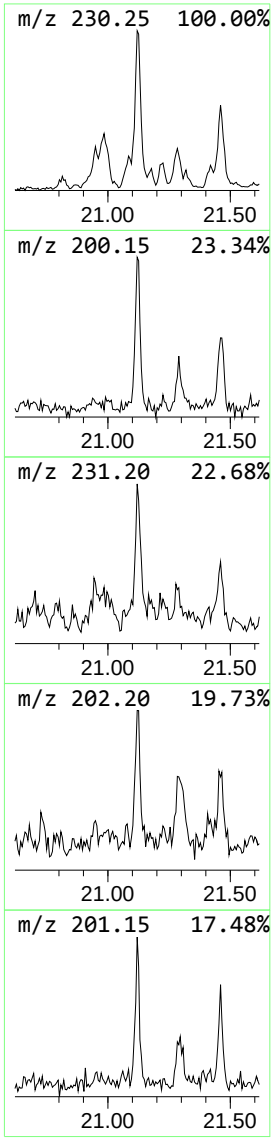
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 7H-Benz[de]anthracen-7-one Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.119	4.28 ng/ul	110634	Chrysene-d12	21.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	59
4	8-Hydroxyquinoline-5-carbaldehyd...	245	C13H15NO2Si	1010463-63-7	50
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

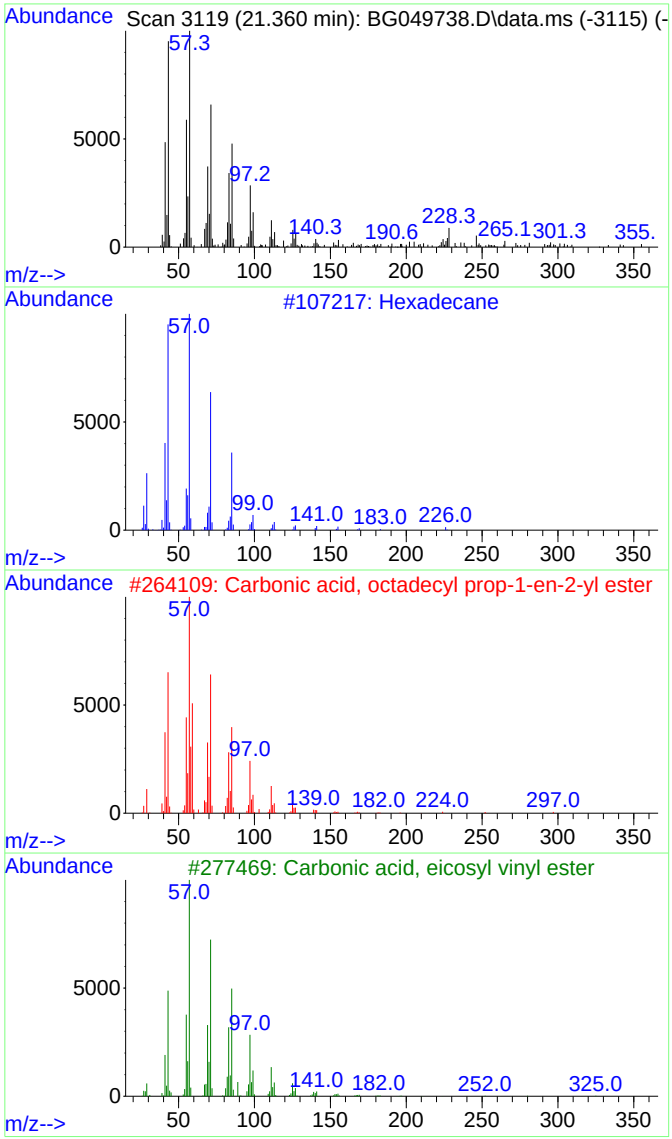
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

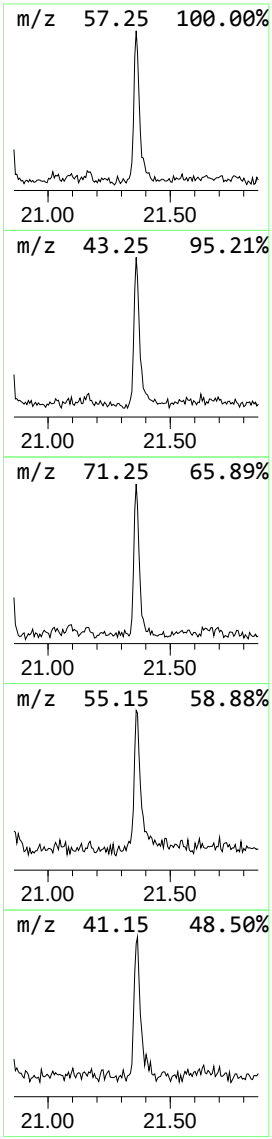
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.360	8.87 ng/ul	229137	Chrysene-d12	21.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
4	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049738.D
Acq On : 9 Aug 2021 13:27
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E8

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
(DEL) Alkane: C...	3.079	11.8	ng/ul	117517	1	8.043	198524	20.0
Butane, 2-metho...	3.161	58.5	ng/ul	581064	1	8.043	198524	20.0
unknown-01	3.960	5.4	ng/ul	53966	1	8.043	198524	20.0
unknown-02	8.877	2.6	ng/ul	25474	1	8.043	198524	20.0
Benzaldehyde, 3...	8.942	2.0	ng/ul	20076	1	8.043	198524	20.0
Ethanol, 2-(2-b...	10.628	6.1	ng/ul	75177	2	10.863	244707	20.0
Oxalic acid, 2-...	11.879	7.3	ng/ul	89892	2	10.863	244707	20.0
(DEL) Alkane: S...	12.273	4.1	ng/ul	49667	2	10.863	244707	20.0
(DEL) Alkane: S...	13.218	3.1	ng/ul	48523	3	14.699	315536	20.0
(DEL) Alkane: S...	13.506	6.6	ng/ul	103467	3	14.699	315536	20.0
Naphthalene, 2,...	14.017	4.4	ng/ul	69735	3	14.699	315536	20.0
(DEL) Alkane: S...	14.164	4.4	ng/ul	69826	3	14.699	315536	20.0
(DEL) Alkane: S...	14.575	6.4	ng/ul	100923	3	14.699	315536	20.0
Naphthalene, 2,...	15.092	4.4	ng/ul	69386	3	14.699	315536	20.0
Naphthalene, 1,...	15.315	4.5	ng/ul	70256	3	14.699	315536	20.0
Naphthalene, 1,...	15.480	4.5	ng/ul	70202	3	14.699	315536	20.0
(DEL) Alkane: S...	15.533	7.6	ng/ul	119393	3	14.699	315536	20.0
(DEL) Alkane: S...	15.932	4.4	ng/ul	68827	3	14.699	315536	20.0
(DEL) Alkane: S...	16.390	9.1	ng/ul	165372	4	17.448	362372	20.0
9H-Fluorene, 3-...	16.796	2.2	ng/ul	40532	4	17.448	362372	20.0
Benzene, 1,1'-m...	16.978	3.7	ng/ul	66678	4	17.448	362372	20.0
Naphtho[2,1-b]f...	17.107	6.1	ng/ul	110154	4	17.448	362372	20.0
(DEL) Alkane: S...	17.183	11.2	ng/ul	202886	4	17.448	362372	20.0
9H-Fluorene, 9,...	17.636	4.9	ng/ul	88733	4	17.448	362372	20.0
Anthrone	17.759	4.1	ng/ul	74818	4	17.448	362372	20.0
(DEL) Alkane: S...	17.930	9.5	ng/ul	171460	4	17.448	362372	20.0
unknown-03	18.029	5.1	ng/ul	91764	4	17.448	362372	20.0
Phenanthrene, 2...	18.329	8.6	ng/ul	156529	4	17.448	362372	20.0
Phenanthrene, 1...	18.370	13.5	ng/ul	243999	4	17.448	362372	20.0
1H-Cyclopropa[l...	18.511	9.5	ng/ul	172403	4	17.448	362372	20.0
Anthracene, 2-m...	18.558	5.4	ng/ul	98203	4	17.448	362372	20.0
(DEL) Alkane: S...	18.623	10.2	ng/ul	185098	4	17.448	362372	20.0
Naphthalene, 2-...	18.822	6.6	ng/ul	119490	4	17.448	362372	20.0
Phenanthrene, 1...	19.122	2.7	ng/ul	48629	4	17.448	362372	20.0
3,4-Dimethylphe...	19.245	20.1	ng/ul	363992	4	17.448	362372	20.0
7-Isopropyl-1,1...	19.298	7.0	ng/ul	126289	4	17.448	362372	20.0
Phenanthrene, 4...	19.381	5.2	ng/ul	94907	4	17.448	362372	20.0
Naphthalene, 1-...	19.563	4.4	ng/ul	80365	4	17.448	362372	20.0
1,1'-Biphenyl, ...	19.933	3.9	ng/ul	100777	5	21.736	516568	20.0
1-Methyl-4-p-to...	20.168	3.3	ng/ul	86373	5	21.736	516568	20.0
(DEL) Alkane: S...	20.350	8.0	ng/ul	205310	5	21.736	516568	20.0
Tridecane, 7-pr...	20.849	4.4	ng/ul	112979	5	21.736	516568	20.0
7H-Benz[de]anth...	21.119	4.3	ng/ul	110634	5	21.736	516568	20.0
(DEL) Alkane: S...	21.360	8.9	ng/ul	229137	5	21.736	516568	20.0