LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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: BG049725.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.084	3	8	16	rBV5	60081	180686	24.67%	1.220%
2	3.160	16	21	37	rVB	343980	732338	100.00%	4.947%
3	3.865	136	141	150	rBV2	23233	45009	6.15%	0.304%
4	3.959	152	157	166	rVV	44513	78735	10.75%	0.532%
5	5.216	365	371	378	rBV4	14010	26154	3.57%	0.177%
6	6.920	653	661	668	rVB8	6773	20019	2.73%	0.135%
7	7.202	700	709	716	rBV2	90846	200852	27.43%	1.357%
8	7.360	725	736	743	rBV	63805	120821	16.50%	0.816%
9	7.572	767	772	779	rVV	89466	161147	22.00%	1.089%
10	8.042	842	852	859	rVV	144218	283695	38.74%	1.916%
11	8.753	968	973	980	rVV2	73415	123216	16.83%	0.832%
12	8.876	989	994	1001	rBV5	18786	34245	4.68%	0.231%
13	8.941	1001	1005	1012	rVB5	13306	26765	3.65%	0.181%
14	9.211	1044	1051	1056	rVV2	100836	183123	25.01%	1.237%
15	9.270	1058	1061	1066	rVB3	20129	28722	3.92%	0.194%
16	9.505	1094	1101	1103	rBV3	11045	19071	2.60%	0.129%
17	9.687	1126	1132	1138	rVB7	11457	24330	3.32%	0.164%
18	9.775	1142	1147	1156	rVB6	14265	29006	3.96%	0.196%
19	9.939	1168	1175	1186	rBV3	95543	192956	26.35%	1.303%
20	10.033	1186	1191	1200	rVB8	11027	21811	2.98%	0.147%
21	10.268	1223	1231	1239	rVB8	10545	27152	3.71%	0.183%
22	10.486	1262	1268	1276	rVB2	118221	219858	30.02%	1.485%
23	10.621	1286	1291	1301	rVB2	57110	98192	13.41%	0.663%
24	10.826	1321	1326	1327	rBV2	33862	49152	6.71%	0.332%
25	10.861	1327	1332	1338	rVV	187737	348176	47.54%	2.352%
26	10.920	1338	1342	1348	rVV2	16304	34118	4.66%	0.230%
27	11.008	1352	1357	1364	rVB3	43458	80903	11.05%	0.546%
28	11.073	1364	1368	1376	rBV6	7320	19289	2.63%	0.130%
29	11.566	1447	1452	1457	rVB5	17961	33383	4.56%	0.225%
30	11.772	1483	1487	1493	rVB7	13252	23075	3.15%	0.156%
31	11.878	1499	1505	1510	rBV	66964	102296	13.97%	0.691%
32	12.271	1567	1572	1577	rVV2	45581	68702	9.38%	0.464%
33	12.401	1592	1594	1600	rVB5	13378	19098	2.61%	0.129%
34	12.518	1611	1614	1619	rVB3	23046	35141	4.80%	0.237%
35	12.735	1648	1651	1656	rVB	22504	33234	4.54%	0.224%
36	12.970	1683	1691	1696	rBV6	24621	48378	6.61%	0.327%

LSC Area Percent Report

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Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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	13.217	1729	1733	1739	rVB2	45035	68295	9.33%	0.461%
38	13.293	1741	1746	1750	rVB7	11122	21622	2.95%	0.146%
39	13.505	1776	1782	1790	rBV2	74487	129926	17.74%	0.878%
40	13.852	1837	1841	1844	rBV5	13755	23666	3.23%	0.160%
41	13.963	1856	1860	1864	rBV6	23687	38958	5.32%	0.263%
42	14.010	1864	1868	1874	rVV3	41265	85343	11.65%	0.576%
43	14.092	1874	1882	1890	rVV	220792	422096	57.64%	2.851%
44	14.163	1890	1894	1898	rVB	54497	70218	9.59%	0.474%
45	14.204	1898	1901	1904	rBV5	14600	20628	2.82%	0.139%
46	14.386	1926	1932	1946	rVB	226420	397606	54.29%	2.686%
47	14.521	1951	1955	1960	rVB7	21213	34611	4.73%	0.234%
48	14.580	1960	1965	1972	rVB	87940	128977	17.61%	0.871%
49	14.692	1974	1984	1991	rBV	261823	485071	66.24%	3.277%
50	14.821	2002	2006	2013	rBV9	8977	24806	3.39%	0.168%
51	14.903	2015	2020	2027	rVB	75870	144121	19.68%	0.974%
52	15.085	2047	2051	2057	rVB4	57037	93240	12.73%	0.630%
53	15.162	2061	2064	2068	rBV	28982	37873	5.17%	0.256%
54	15.308	2084	2089	2094	rBV3	50381	90718	12.39%	0.613%
55	15.361	2094	2098	2103	rVV	42655	67577	9.23%	0.456%
56	15.408	2104	2106	2112	rVV7	16839	30365	4.15%	0.205%
57	15.479	2113	2118	2122	rVV3	45979	89248	12.19%	0.603%
58	15.526	2122	2126	2131	rVB	128142	174103	23.77%	1.176%
59	15.684	2148	2153	2158	rVB	263604	391182	53.42%	2.642%
60	15.808	2170	2174	2179	rVB2	80026	116739	15.94%	0.789%
61	16.148	2229	2232	2236	rVV5	18998	23189	3.17%	0.157%
62	16.190	2236	2239	2243	rVB5	20024	27757	3.79%	0.187%
63	16.336	2260	2264	2266	rBV4	12562	20008	2.73%	0.135%
64	16.389	2269	2273	2282	rBV2	160999	321006	43.83%	2.168%
65	16.548	2297	2300	2305	rVB6	17138	29646	4.05%	0.200%
66	16.795	2339	2342	2349	rVB2	33168	47307	6.46%	0.320%
67	16.895	2356	2359	2363	rVB3	37244	51078	6.97%	0.345%
68	16.971	2368	2372	2375	rBV4	50251	72747	9.93%	0.491%
69	17.100	2389	2394	2400	rBV3	68725	134234	18.33%	0.907%
70	17.182	2403	2408	2412	rVV2	183744	259416	35.42%	1.752%
71	17.265	2420	2422	2430	rVB5	32695	51454	7.03%	0.348%
72	17.447	2447	2453	2457	rBV	314968	486242	66.40%	3.284%
73	17.488	2457	2460	2465	rVV	184982	249495	34.07%	1.685%
74	17.547	2465	2470	2479	rVB	286814	465077	63.51%	3.141%
75	17.629	2481	2484	2485	rBV3	22944	25903	3.54%	0.175%
76	17.923	2531	2534	2539	rVB	165584	219788	30.01%	1.485%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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

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

77	18.028	2549	2552	2562	rVB5	52109	96789	13.22%	0.654%
78	18.328	2598	2603	2606	rBV	151610	238578	32.58%	1.612%
79	18.369	2606	2610	2615	rVB	202742	314700	42.97%	2.126%
80	18.434	2618	2621	2623	rBV4	22018	32567	4.45%	0.220%
81	18.510	2629	2634	2639	rBV2	143051	233541	31.89%	1.578%
82	18.557	2639	2642	2647	rVB	88496	116781	15.95%	0.789%
83	18.616	2648	2652	2658	rBV	173752	241695	33.00%	1.633%
84	18.815	2683	2686	2691	rBV2	84798	123518	16.87%	0.834%
85	19.068	2725	2729	2733	rVB3	45157	59416	8.11%	0.401%
86	19.115	2734	2737	2740	rBV	47740	57525	7.85%	0.389%
87	19.238	2753	2758	2763	rBV2	276133	456833	62.38%	3.086%
88	19.291	2763	2767	2771	rVV4	106757	153996	21.03%	1.040%
89	19.379	2777	2782	2789	rVB4	59932	119714	16.35%	0.809%
90	19.497	2797	2802	2808	rVB2	329236	504050	68.83%	3.405%
91	19.556	2808	2812	2816	rBV	68990	114534	15.64%	0.774%
92	19.832	2853	2859	2862	rBV2	376583	675286	92.21%	4.561%
93	19.932	2873	2876	2882	rVB	87487	119393	16.30%	0.806%
94	20.090	2900	2903	2907	rBV4	35252	54112	7.39%	0.366%
95	20.172	2913	2917	2919	rBV3	53958	89083	12.16%	0.602%
96	20.349	2944	2947	2952	rVB	211544	256506	35.03%	1.733%
97	20.848	3028	3032	3039	rVB	118372	154418	21.09%	1.043%
98	21.118	3075	3078	3084	rVB2	94116	136230	18.60%	0.920%
99	21.353	3114	3118	3124	rBV2	220765	337797	46.13%	2.282%
100	21.729	3175	3182	3187	rBV2	301684	673075	91.91%	4.546%

Sum of corrected areas: 14804321

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
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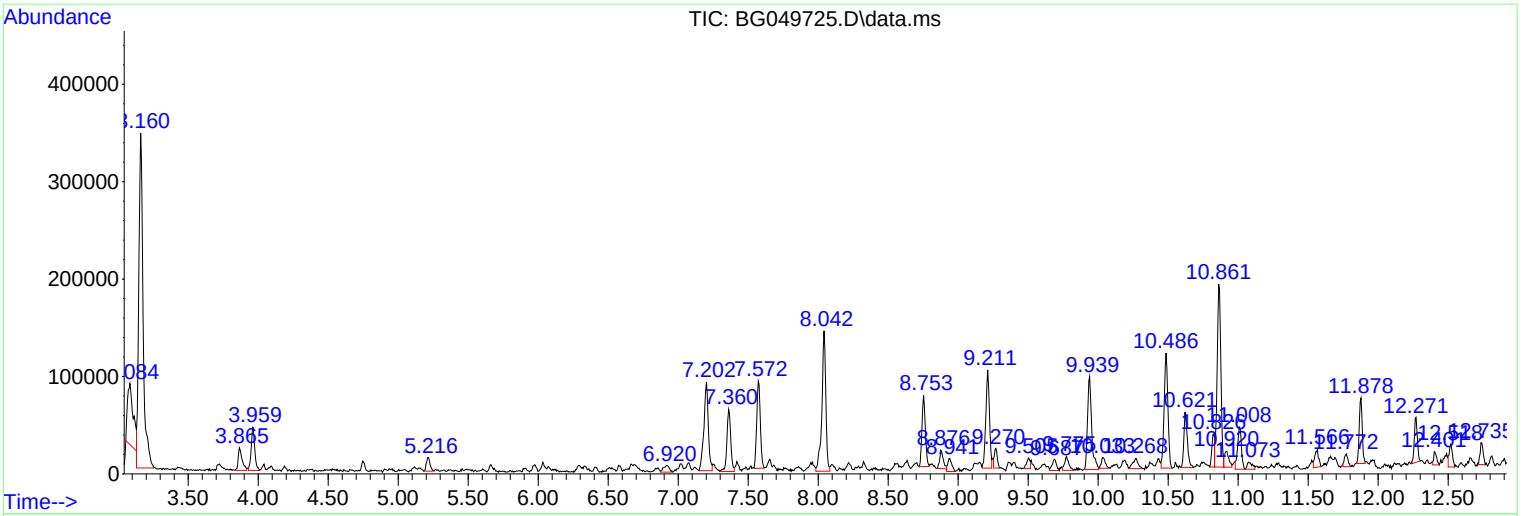
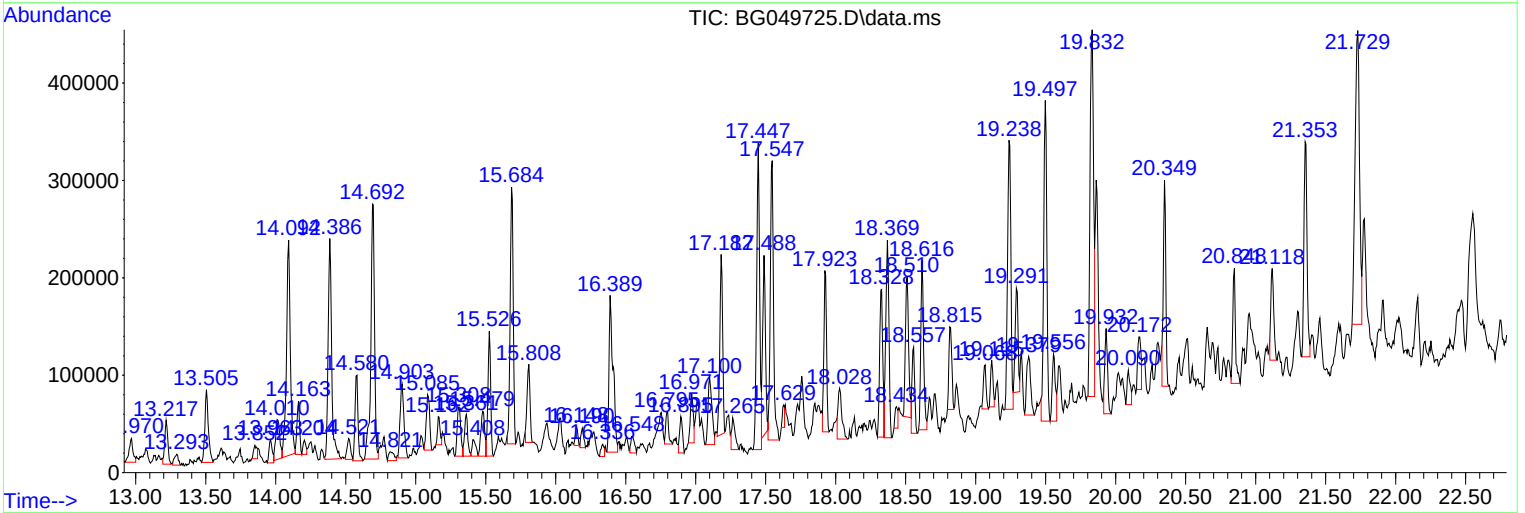
Misc :
ALS Vial : 58 Sample Multiplier: 1

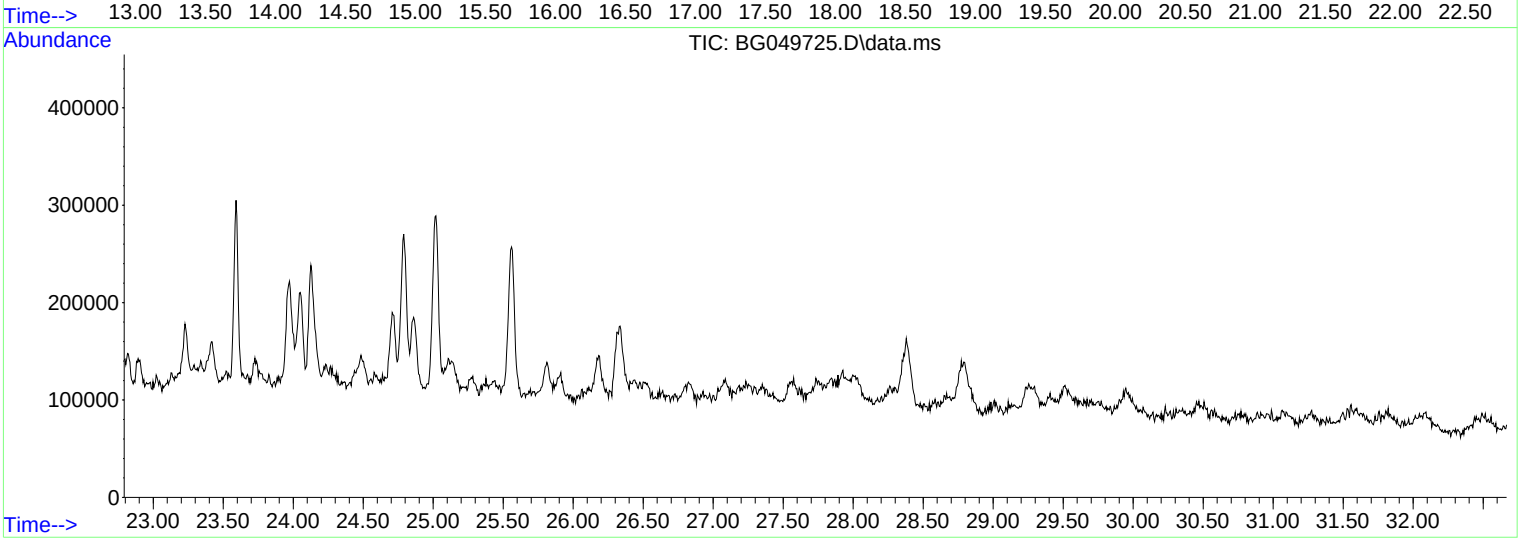
Instrument :
BNA_G
ClientSampleId :
JCE06

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\BG080521\
Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

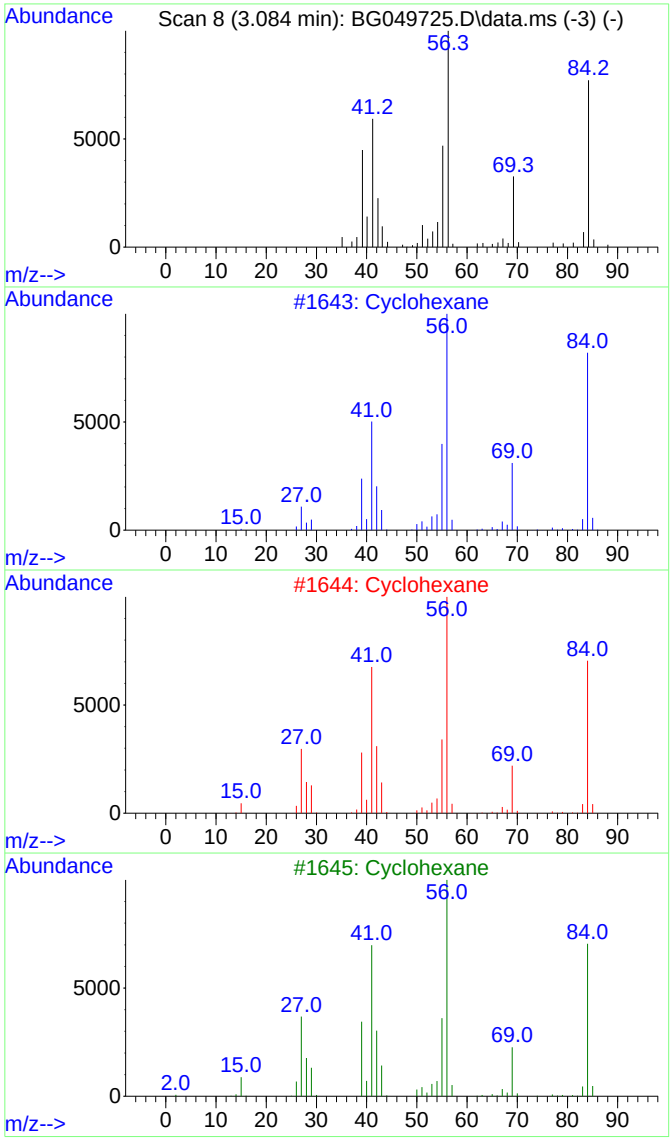
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

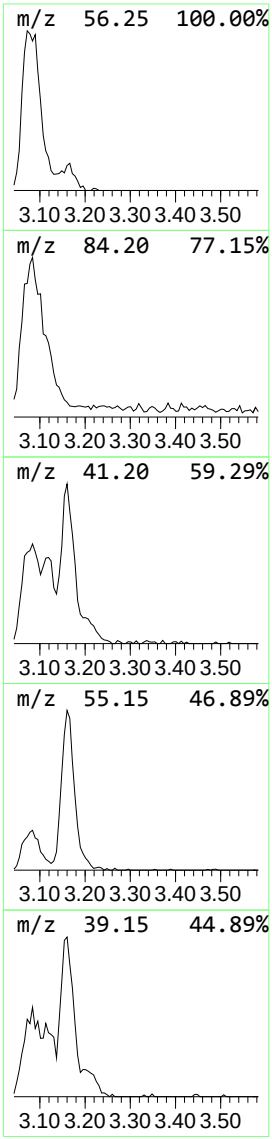
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.084 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.084	12.74 ng/ul	180686	1,4-Dichlorobenzene-d4	8.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	76
2	Cyclohexane	84	C6H12	000110-82-7	68
3	Cyclohexane	84	C6H12	000110-82-7	64
4	Cyclohexane	84	C6H12	000110-82-7	58
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
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Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

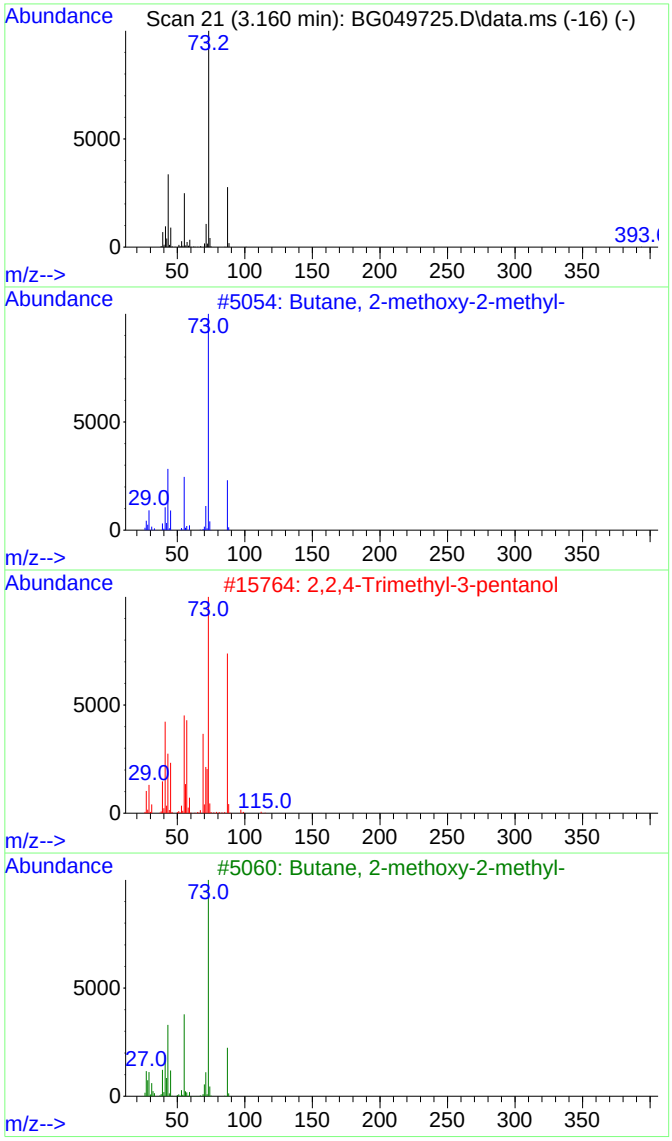
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

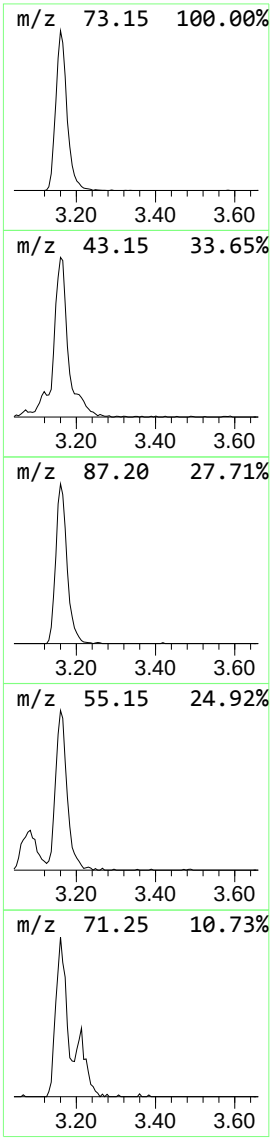
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.160	51.63 ng/ul	732338	1,4-Dichlorobenzene-d4	8.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

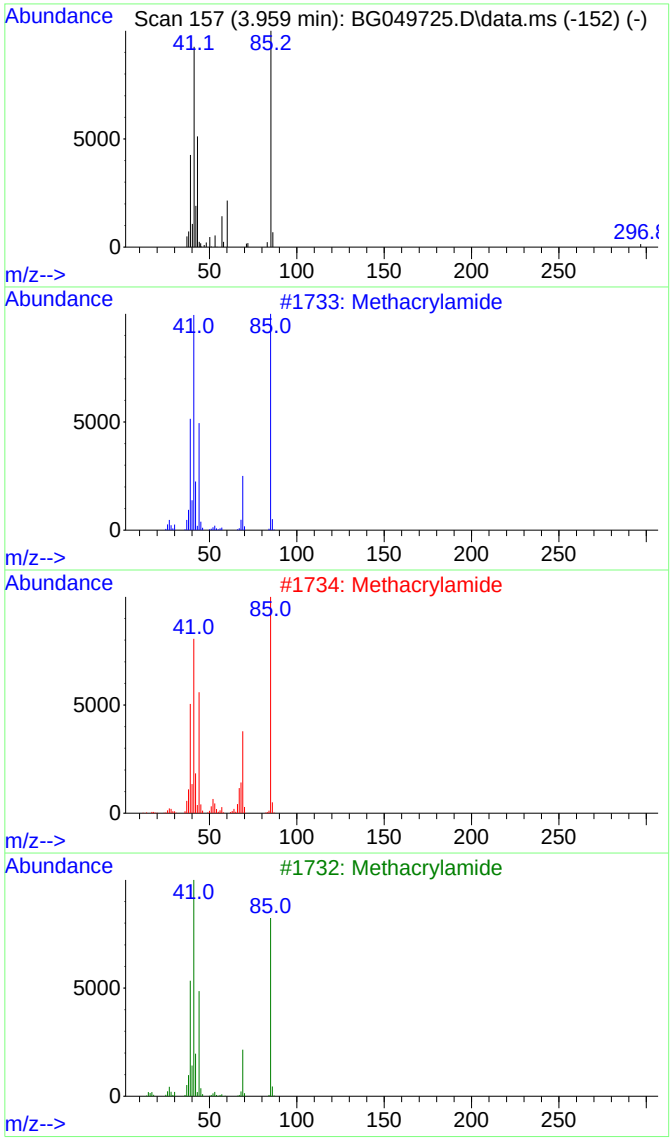
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

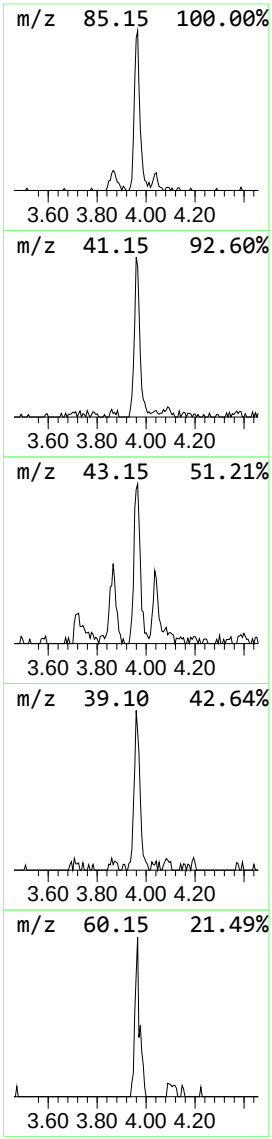
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Methacrylamide Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.959	5.55 ng/ul	78735	1,4-Dichlorobenzene-d4	8.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	64
2	Methacrylamide	85	C4H7NO	000079-39-0	64
3	Methacrylamide	85	C4H7NO	000079-39-0	59
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
5	2-(Chloromethyl)tetrahydropyran	134	C6H11ClO	018420-41-2	37





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Data File : BG049725.D
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Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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

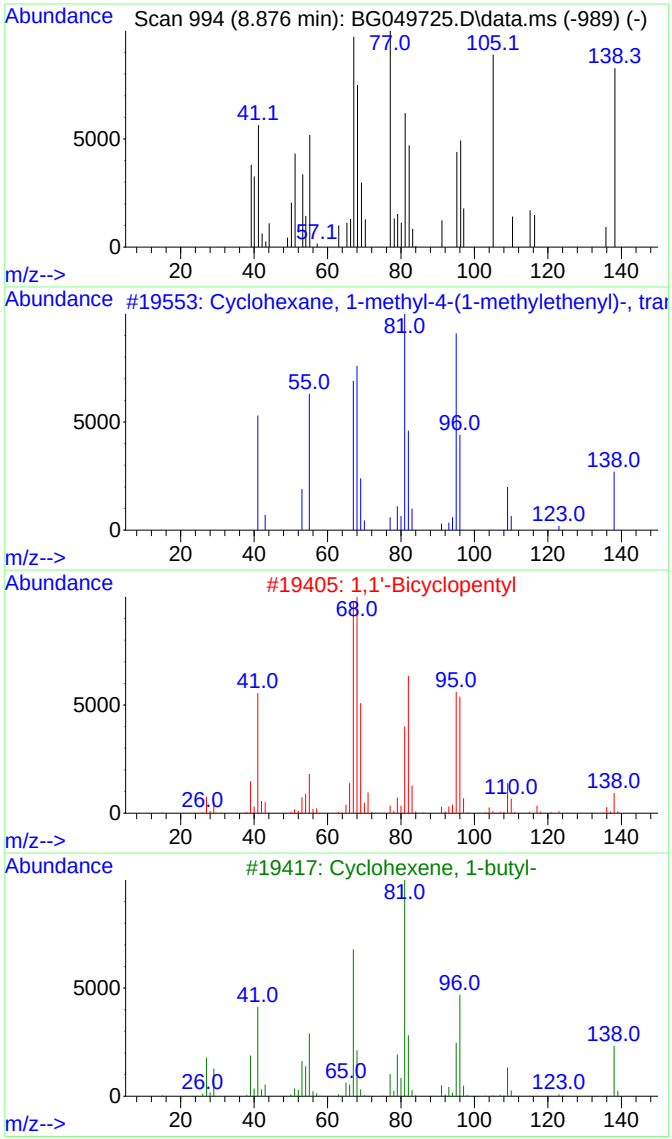
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

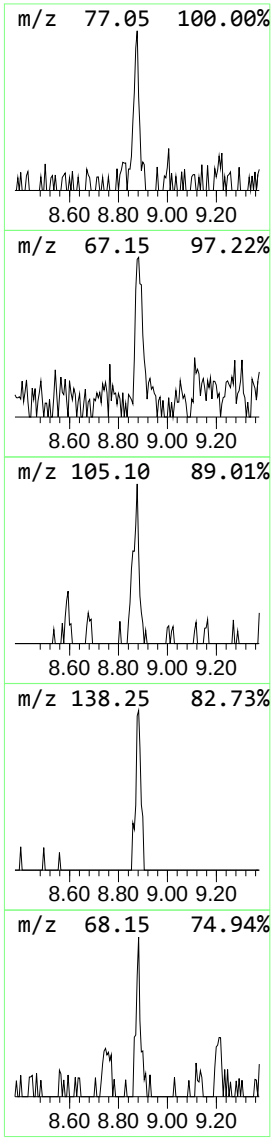
****

Peak Number 4 unknown-01 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.876	2.41 ng/ul	34245	1,4-Dichlorobenzene-d4	8.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	47
2	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	43
3	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	43
4	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	43
5	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

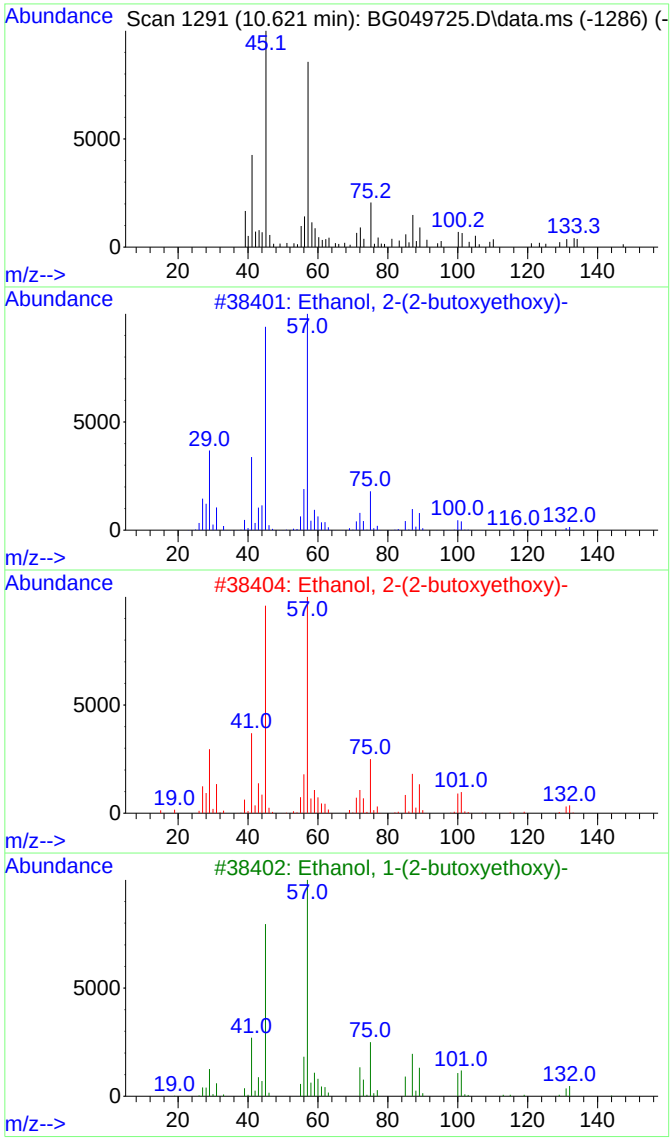
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

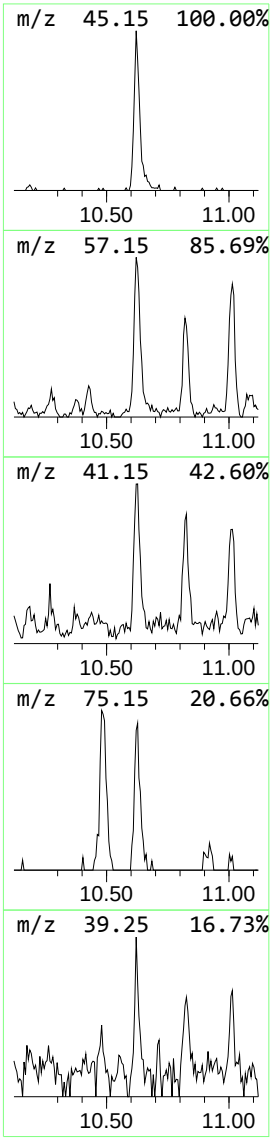
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.621	5.64 ng/ul	98192	Naphthalene-d8	10.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	80
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	72
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64





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Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

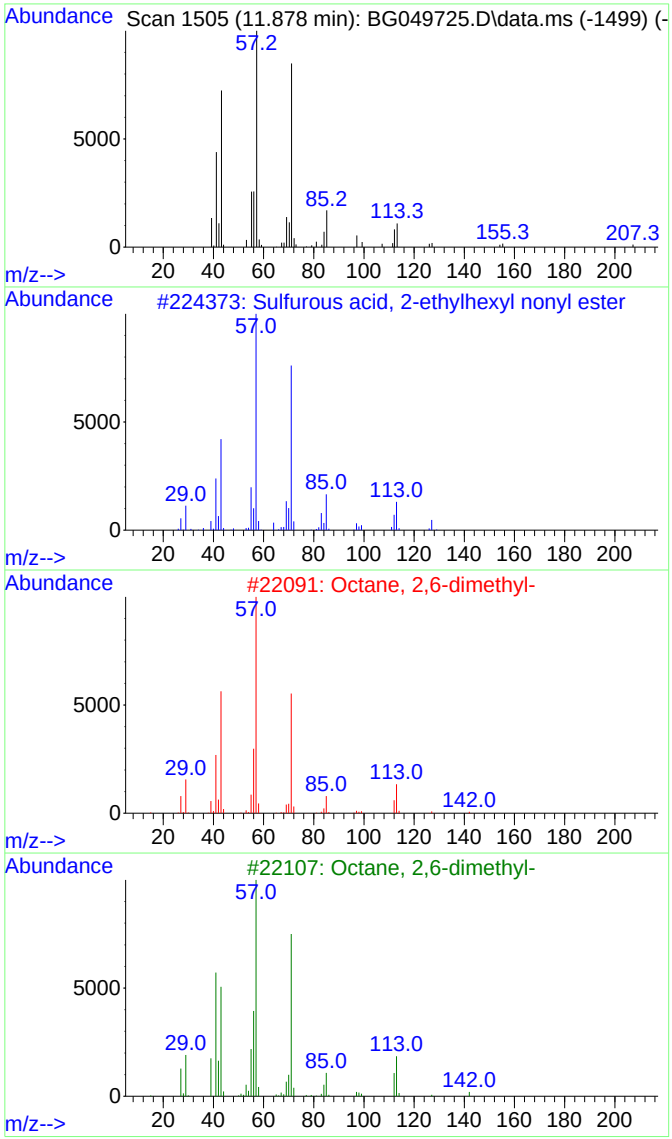
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

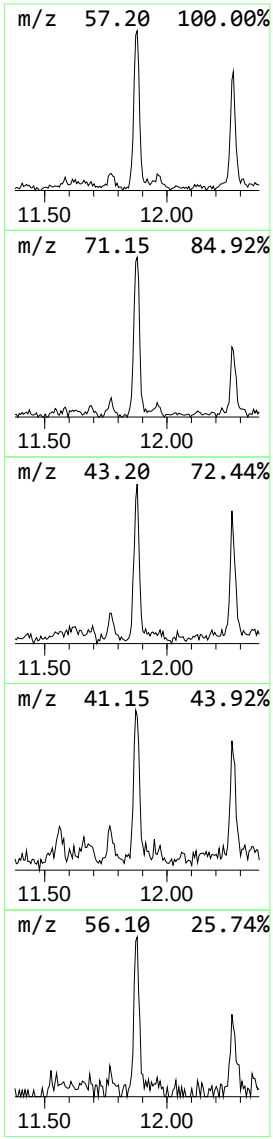
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Sulfurous acid, 2-ethylhexy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.878	5.88 ng/ul	102296	Naphthalene-d8	10.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	86
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	78
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	78





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Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

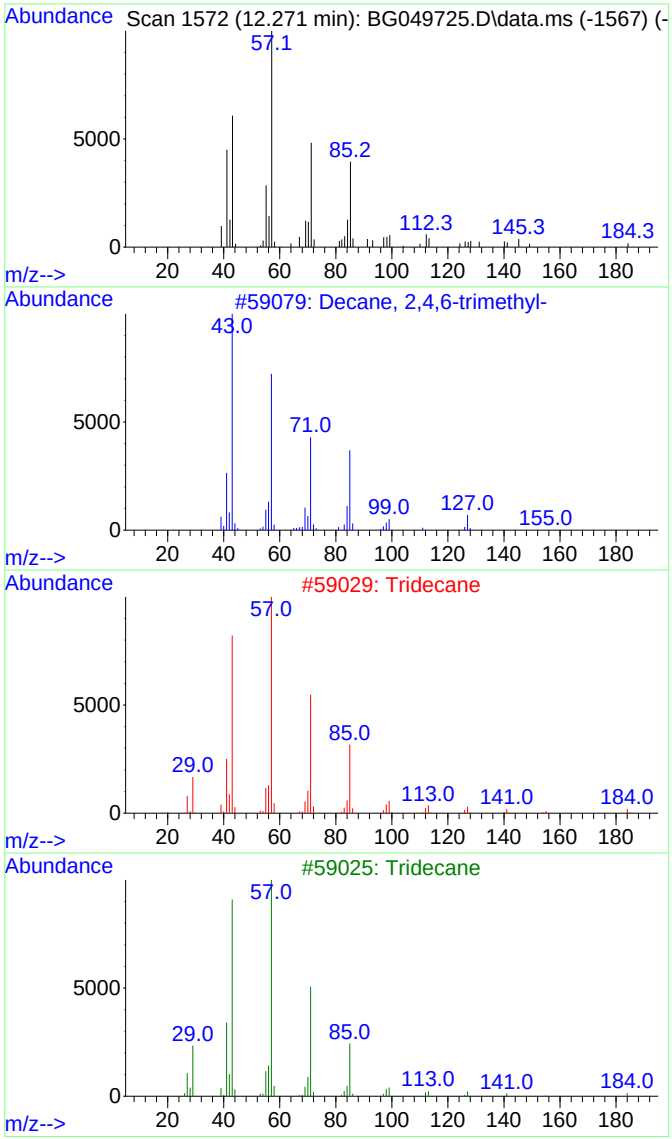
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

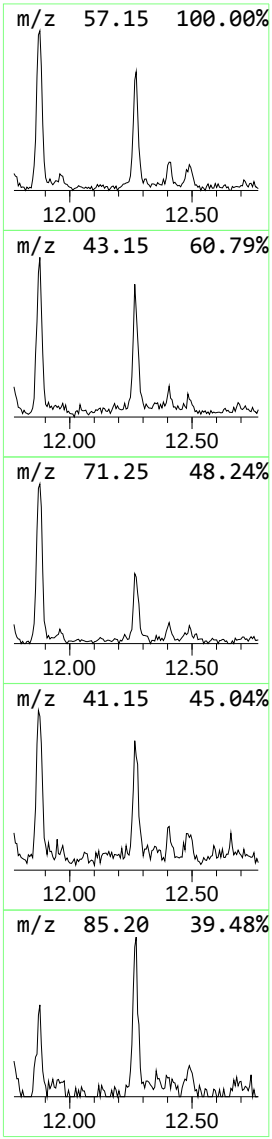
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.271	3.95 ng/ul	68702	Naphthalene-d8	10.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	72
2	Tridecane	184	C13H28	000629-50-5	68
3	Tridecane	184	C13H28	000629-50-5	68
4	Dodecane	170	C12H26	000112-40-3	64
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

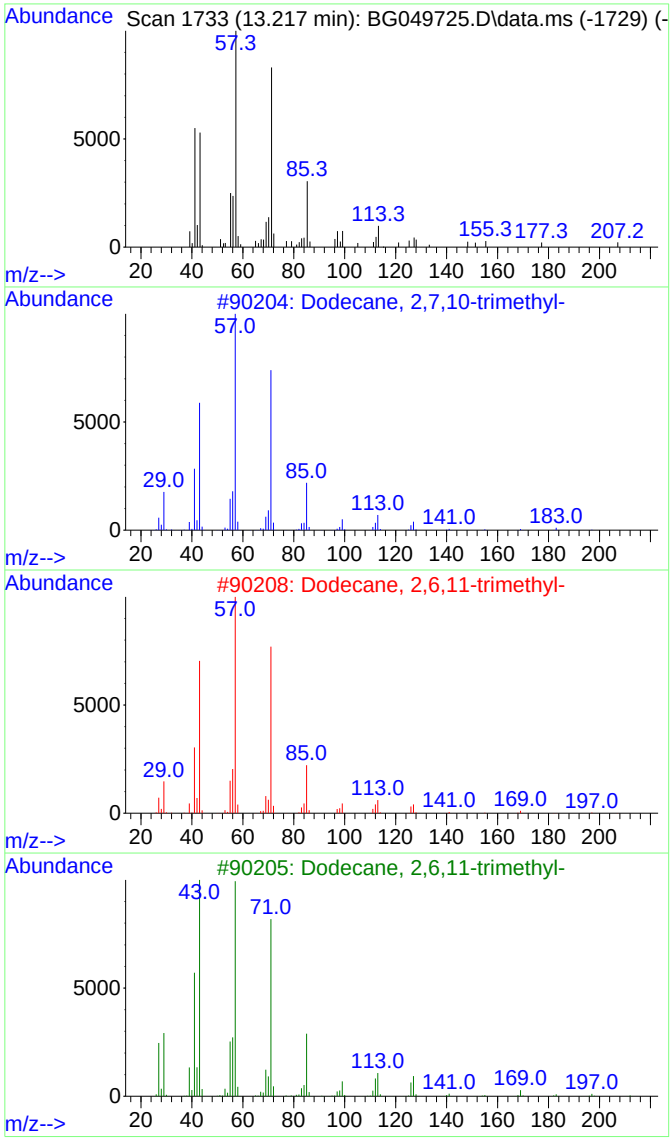
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

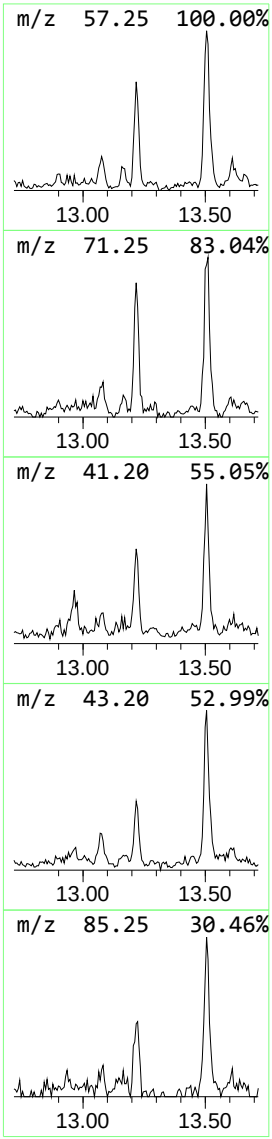
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.217	2.82 ng/ul	68295	Acenaphthene-d10	14.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

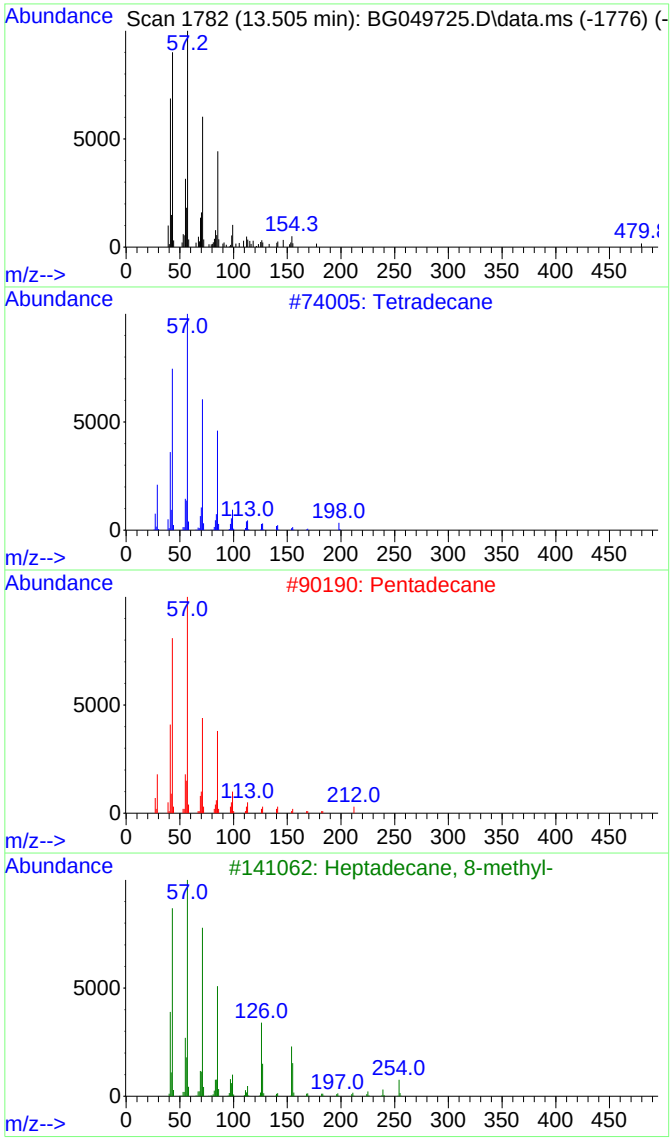
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

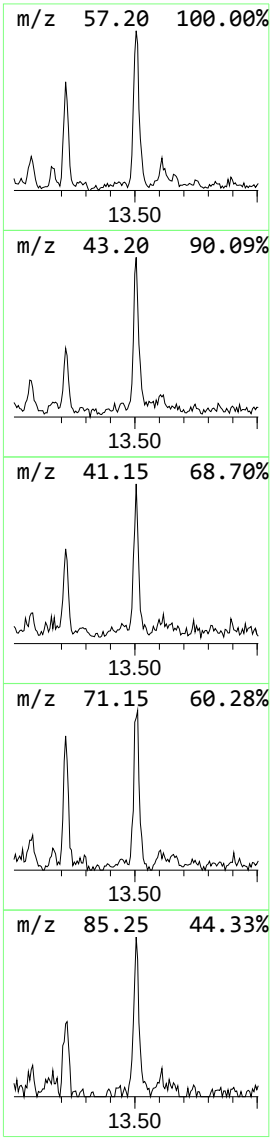
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.505	5.36 ng/ul	129926	Acenaphthene-d10	14.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Pentadecane	212	C15H32	000629-62-9	80
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72





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Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

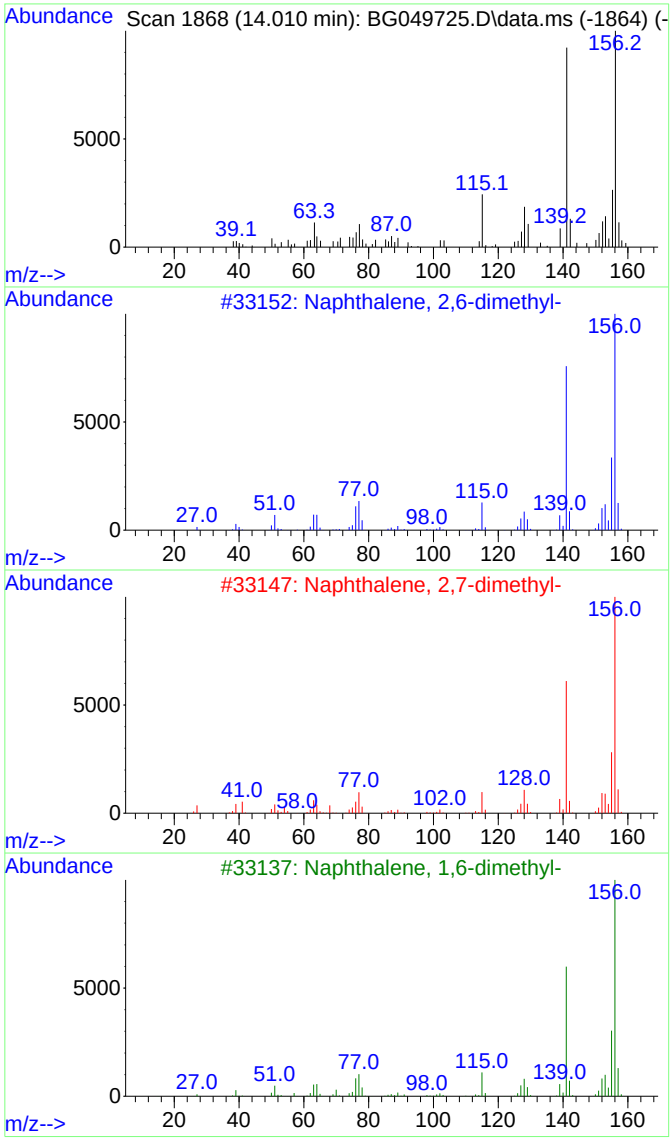
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

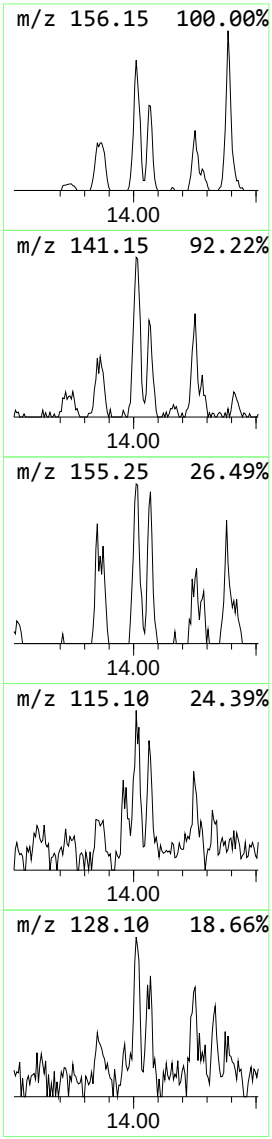
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.010	3.52 ng/ul	85343	Acenaphthene-d10	14.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

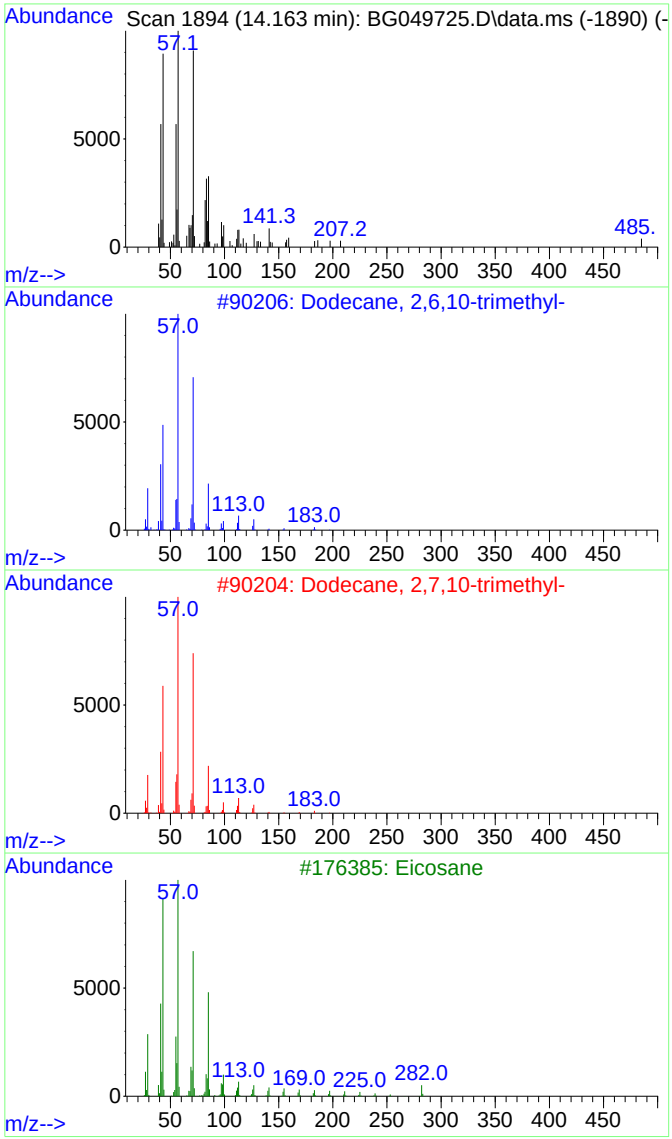
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

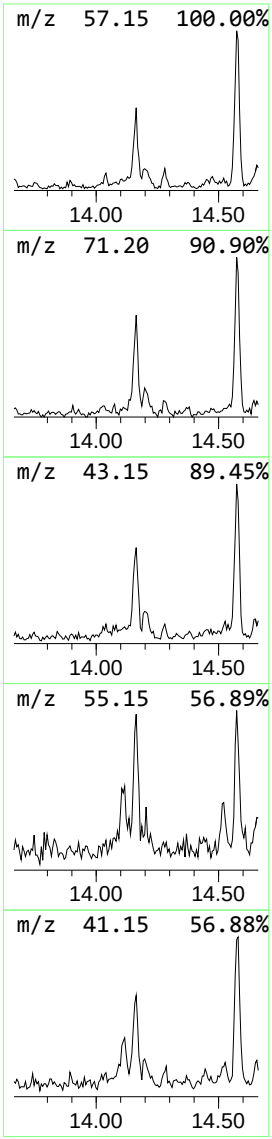
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.163	2.90 ng/ul	70218	Acenaphthene-d10	14.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
3	Eicosane	282	C20H42	000112-95-8	46
4	Hexadecane	226	C16H34	000544-76-3	43
5	Tetradecane	198	C14H30	000629-59-4	43





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JCE06

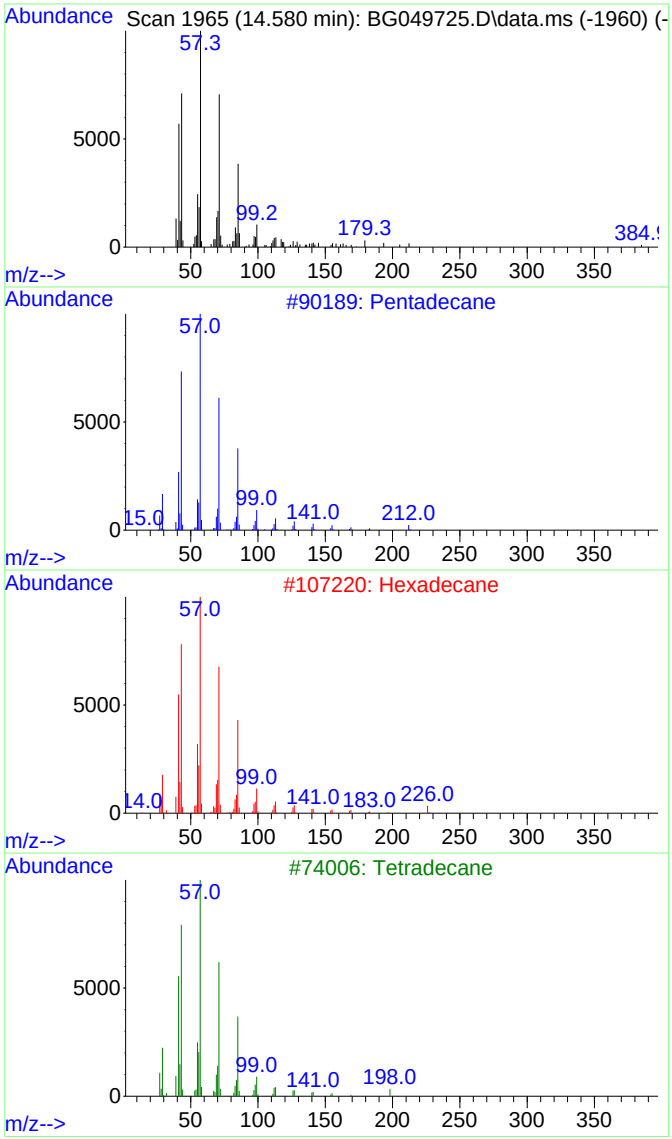
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

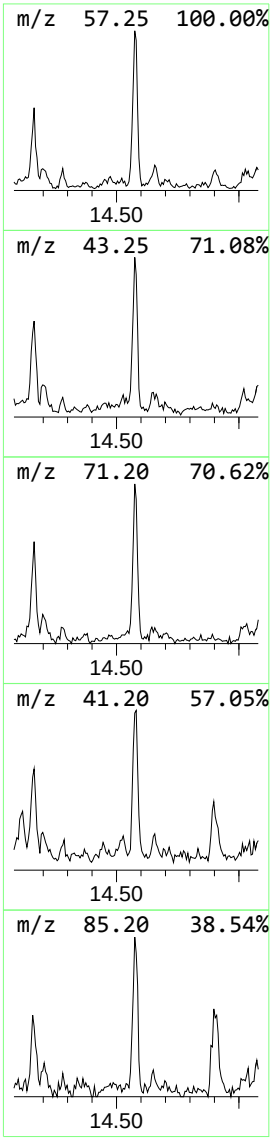
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.580	5.32 ng/ul	128977	Acenaphthene-d10	14.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

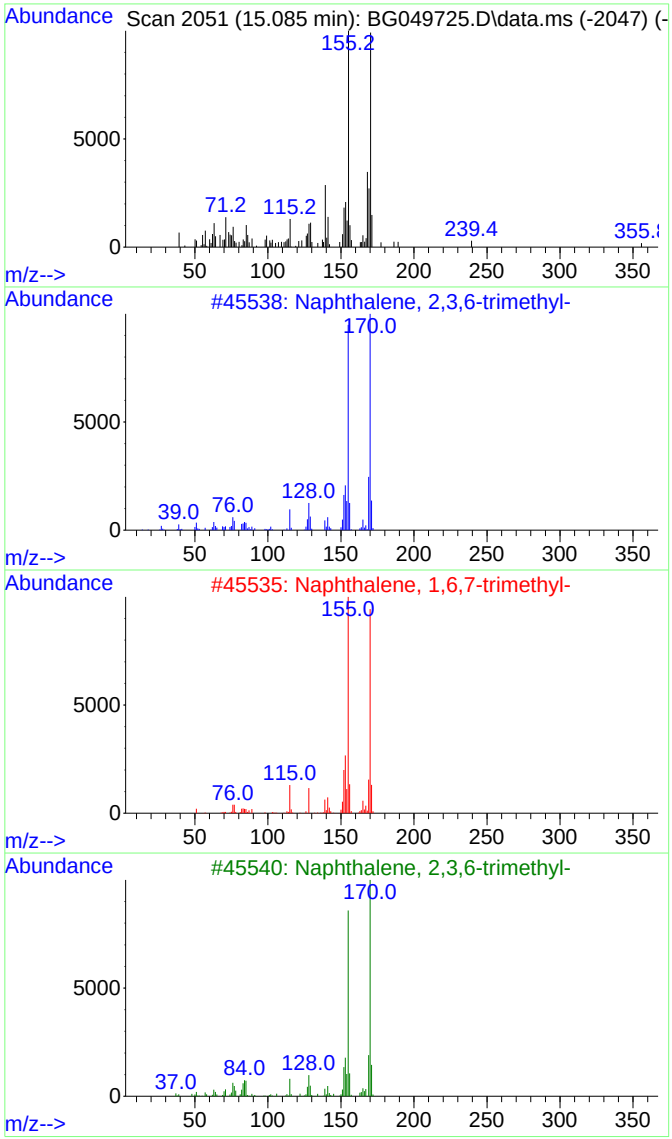
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

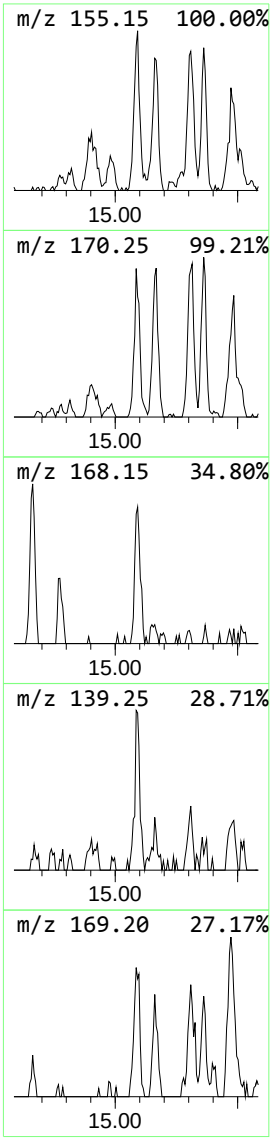
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.085	3.84 ng/ul	93240	Acenaphthene-d10	14.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

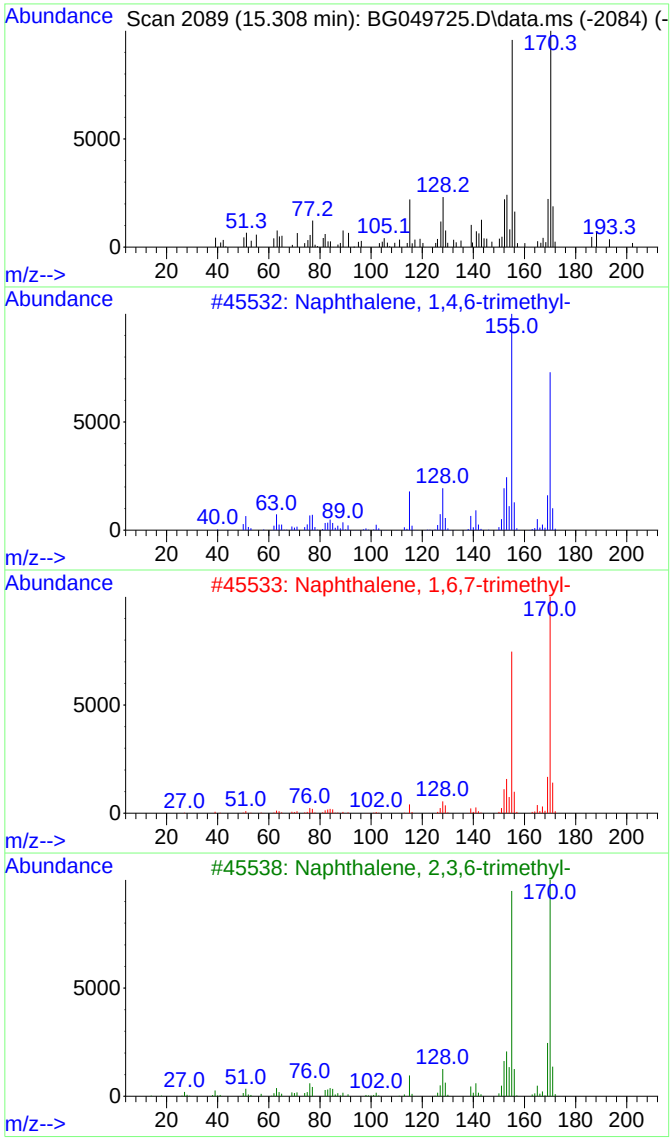
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

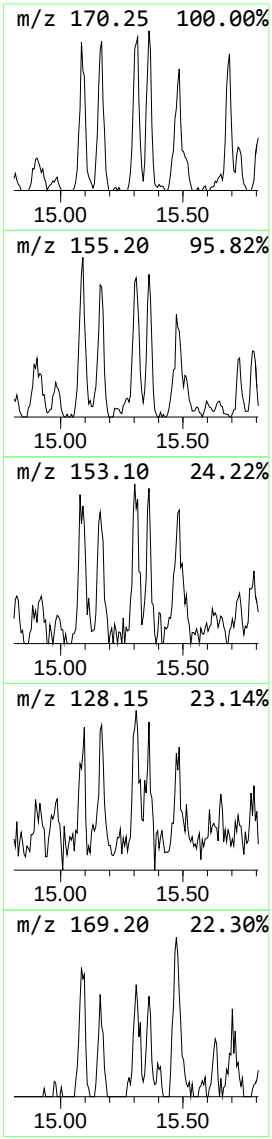
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.308	3.74 ng/ul	90718	Acenaphthene-d10	14.692

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





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Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

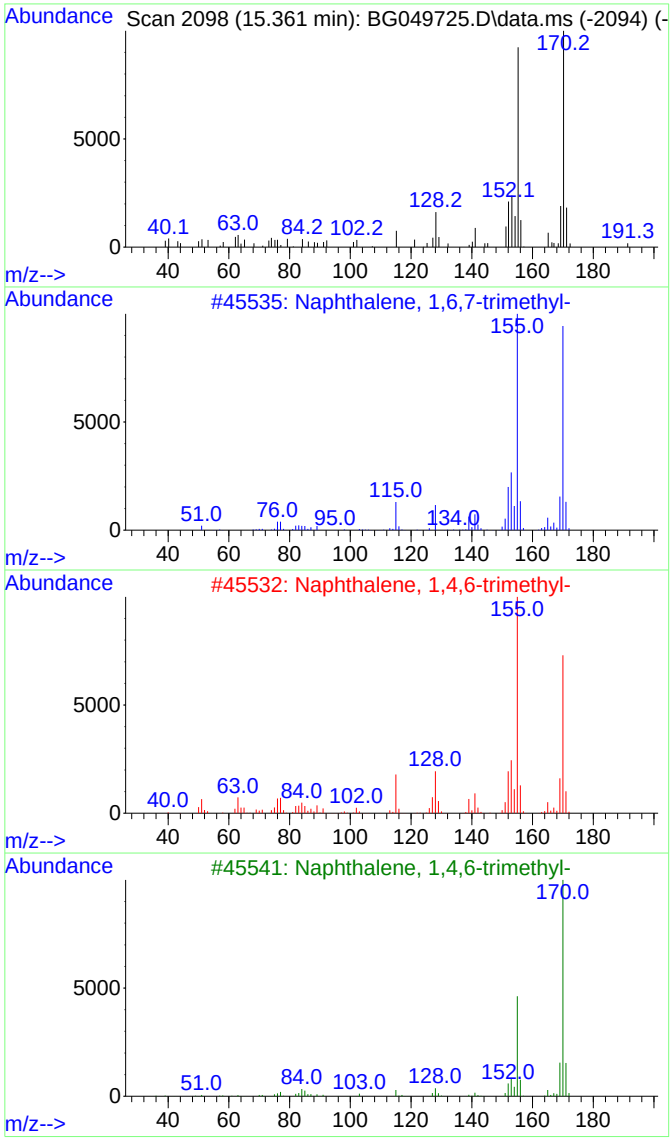
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

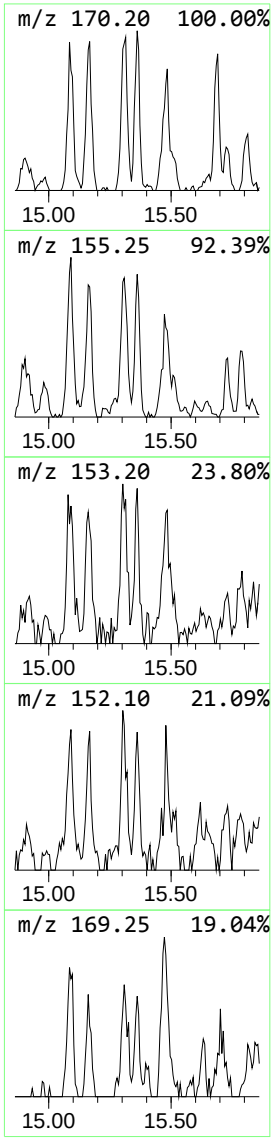
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.361	2.79 ng/ul	67577	Acenaphthene-d10	14.692

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	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93





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Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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

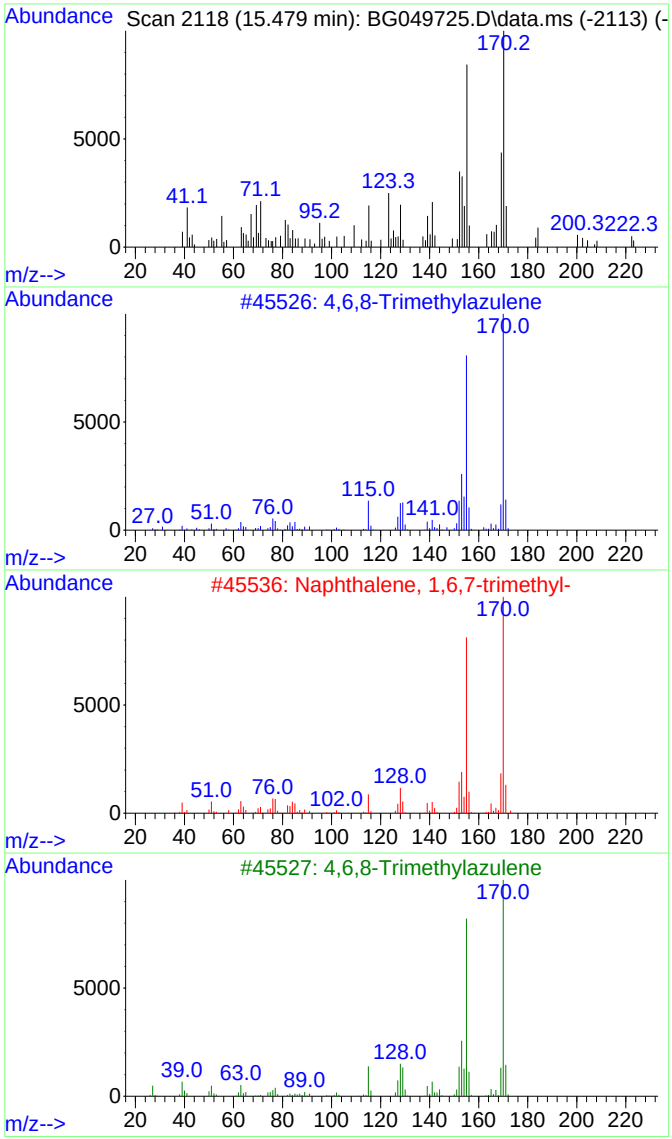
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

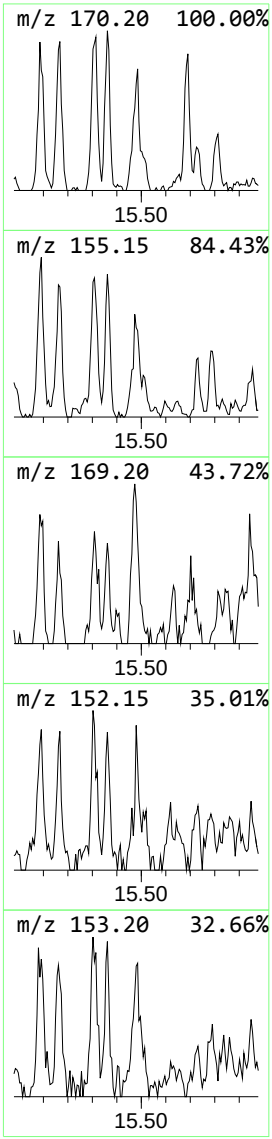
****

Peak Number 17 4,6,8-Trimethylazulene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.479	3.68 ng/ul	89248	Acenaphthene-d10	14.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	58
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	58
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	58
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	52





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

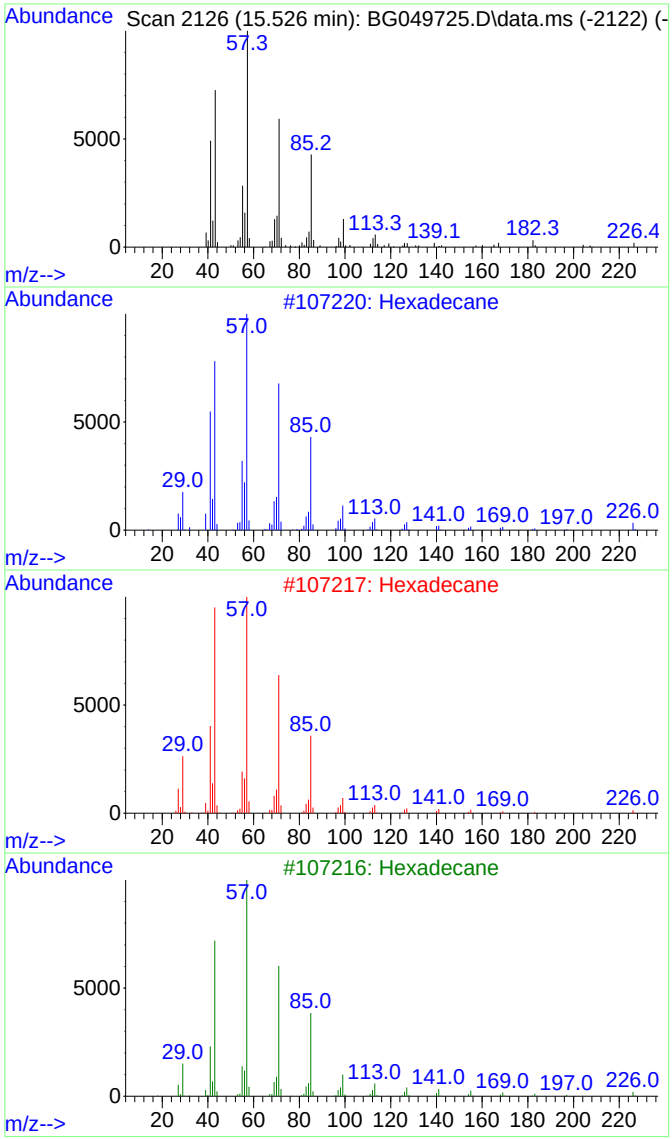
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

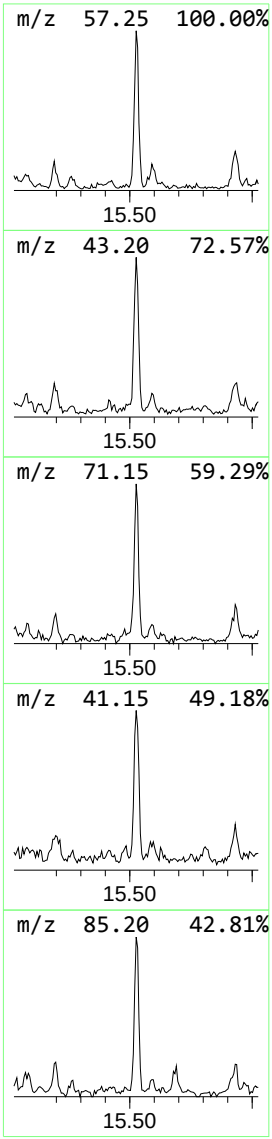
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.526	7.18 ng/ul	174103	Acenaphthene-d10	14.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexadecane	226	C16H34	000544-76-3	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Tetradecane	198	C14H30	000629-59-4	90





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Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

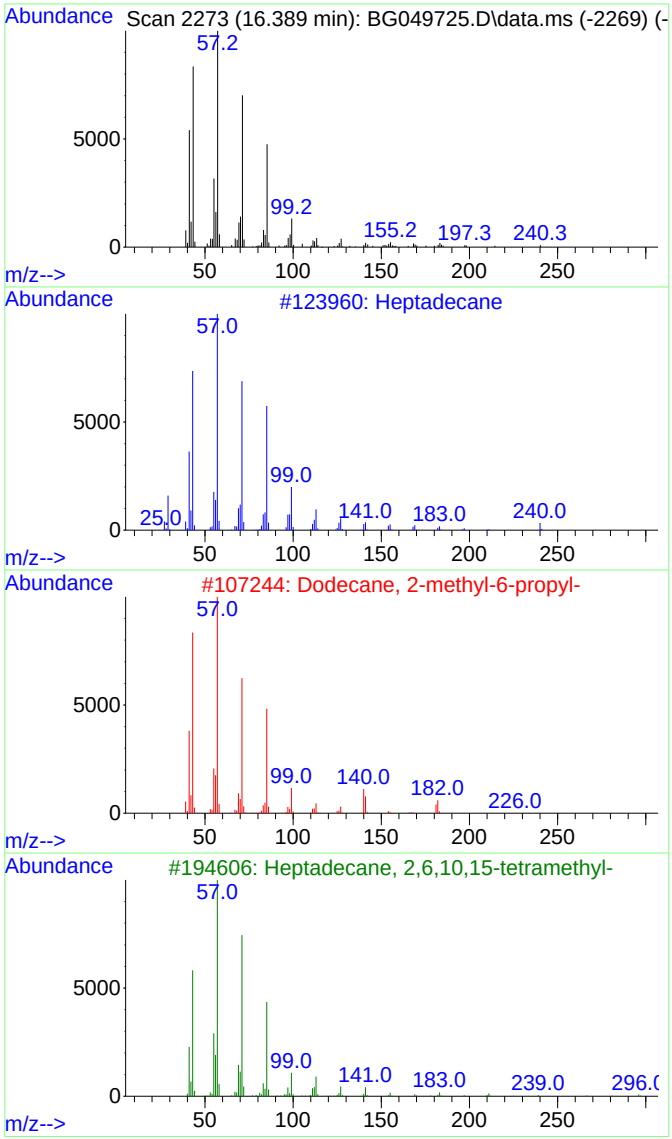
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

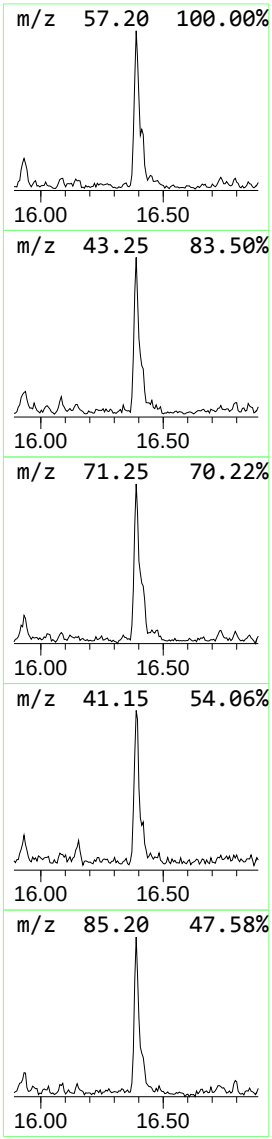
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.389	13.20 ng/ul	321006	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Nonadecane	268	C19H40	000629-92-5	81
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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

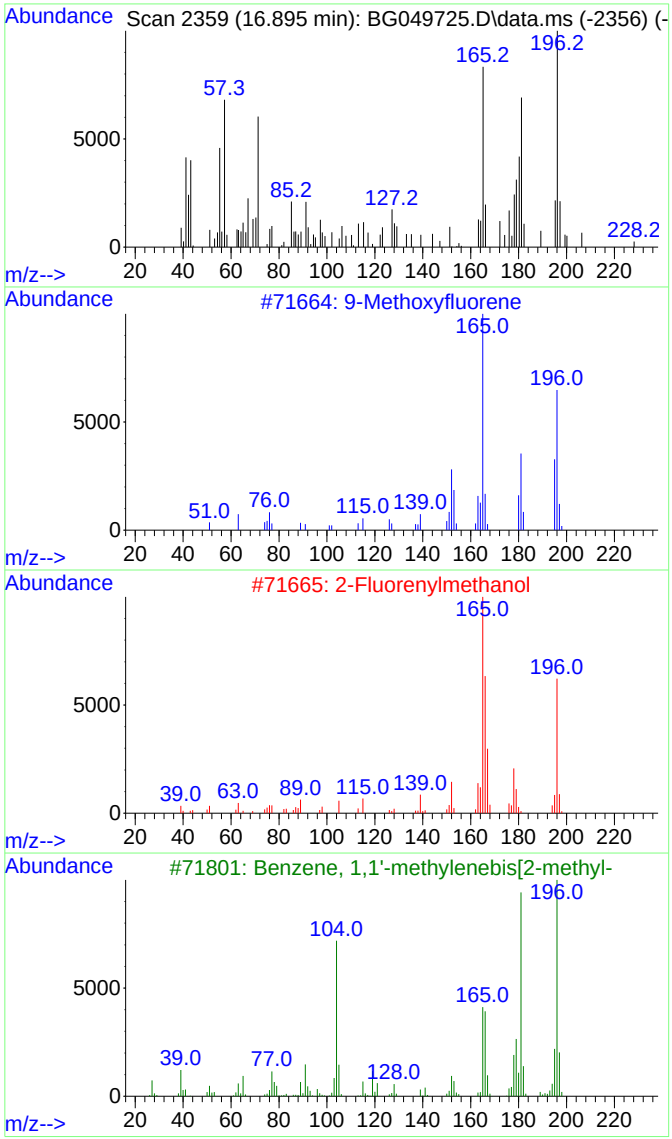
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

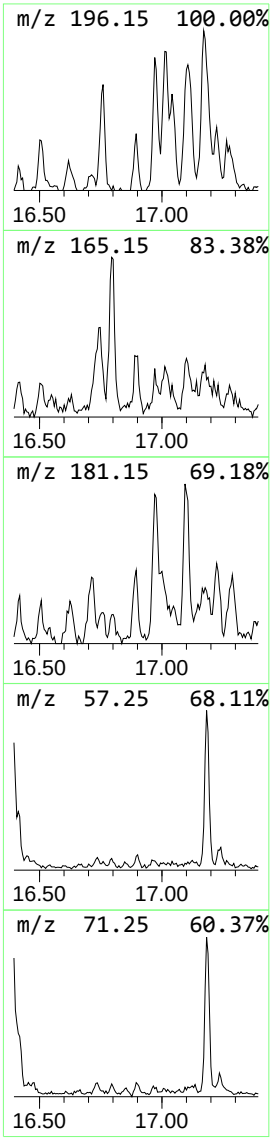
****

Peak Number 20 9-Methoxyfluorene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.895	2.10 ng/ul	51078	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methoxyfluorene	196	C14H12O	019126-15-9	70
2	2-Fluorenylmethanol	196	C14H12O	1000433-81-2	53
3	Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	49
4	Benzaldehyde, 2,4,5-trimethoxy-	196	C10H12O4	004460-86-0	38
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	30





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

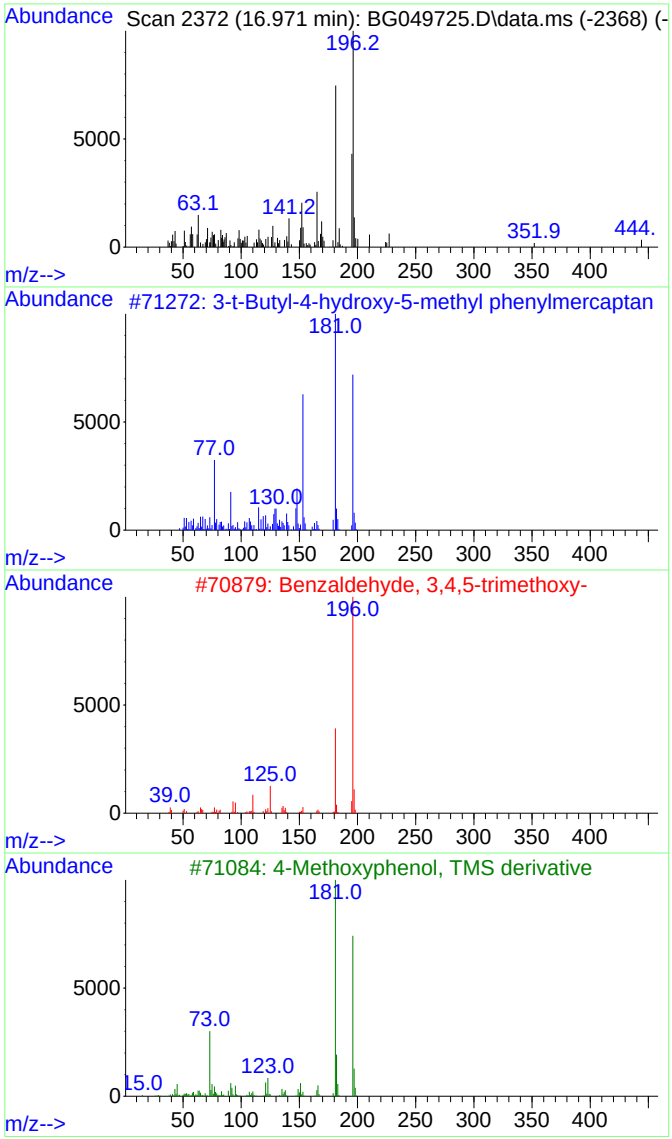
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

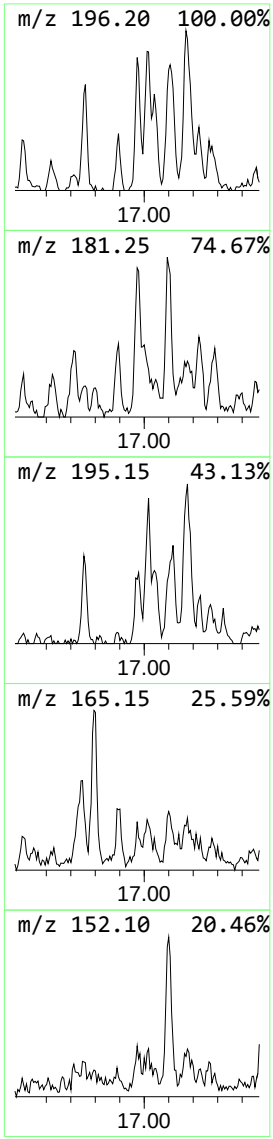
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 3-t-Butyl-4-hydroxy-5-methy... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.971	2.99 ng/ul	72747	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-t-Butyl-4-hydroxy-5-methyl phe...	196	C11H16OS	053411-23-7	52
2	Benzaldehyde, 3,4,5-trimethoxy-	196	C10H12O4	000086-81-7	52
3	4-Methoxyphenol, TMS derivative	196	C10H16O2Si	006689-38-9	52
4	4,5-Dimethoxy-2-hydroxyacetophenone	196	C10H12O4	020628-06-2	49
5	4,5-Dimethoxy-2-hydroxyacetophenone	196	C10H12O4	020628-06-2	47





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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

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

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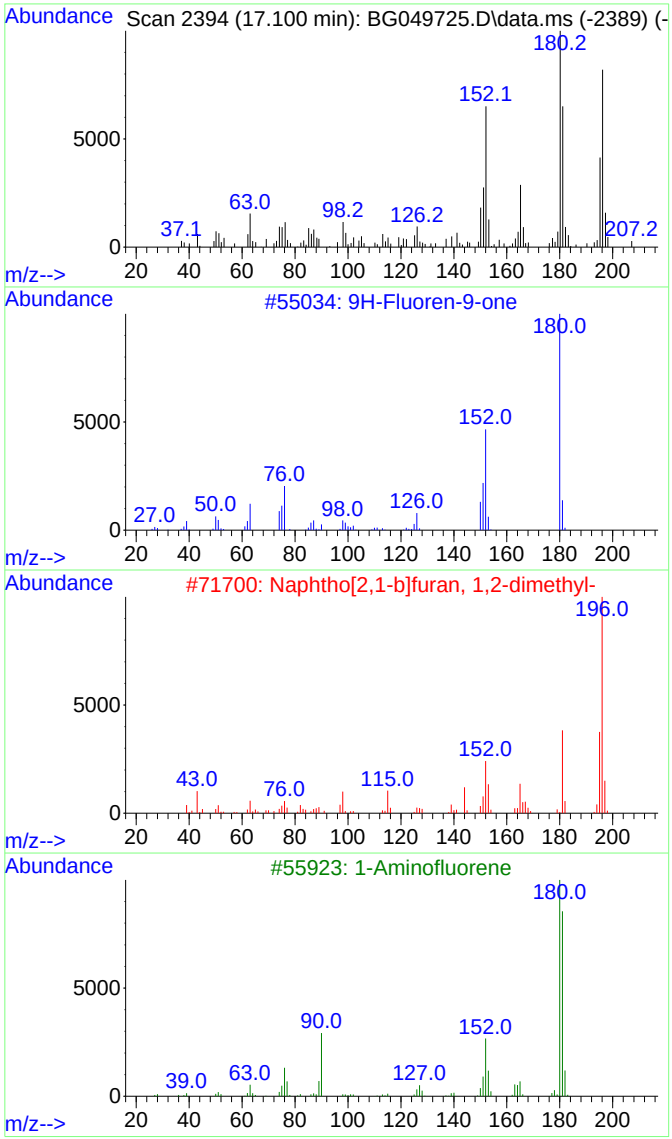
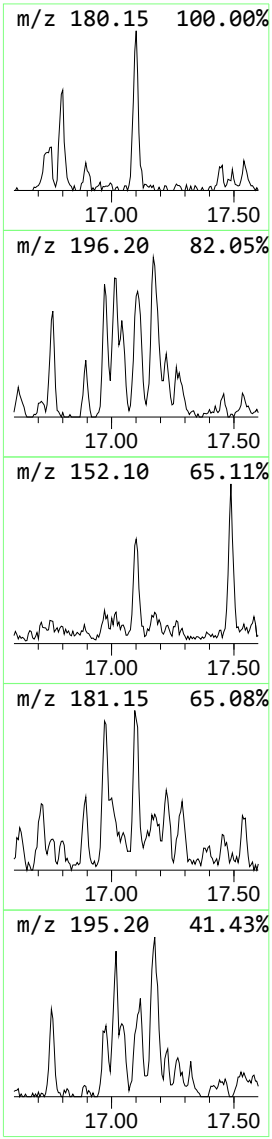
Peak Number 22 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.100	5.52 ng/ul	134234	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	49
3	1-Aminofluorene	181	C13H11N	006344-63-4	46
4	Acridine, 9,10-dihydro-	181	C13H11N	000092-81-9	45
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	42





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Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

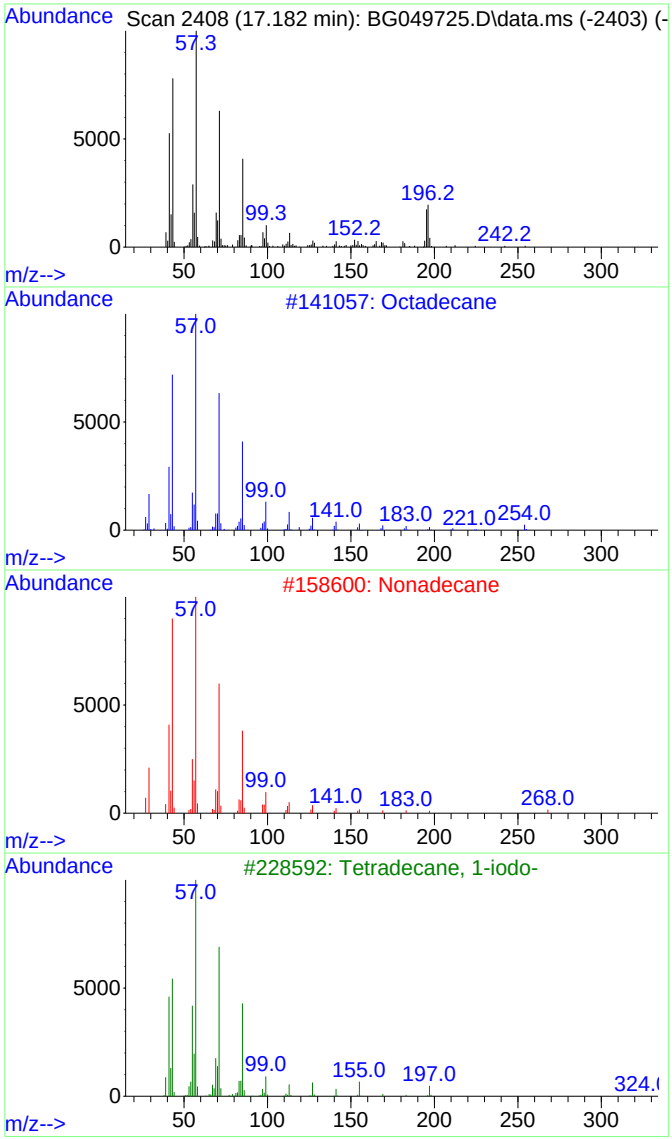
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

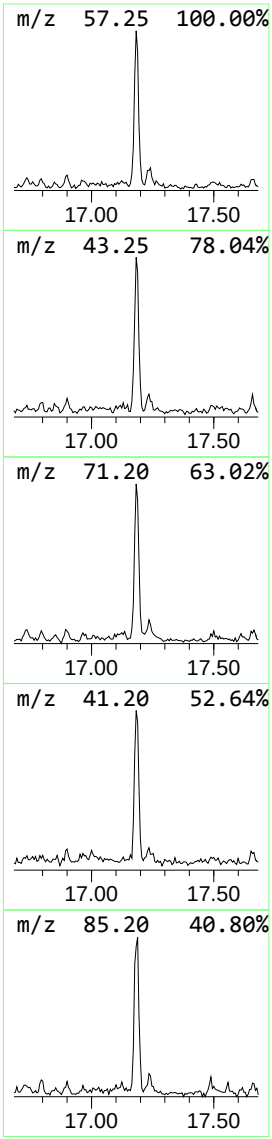
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.182	10.67 ng/ul	259416	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	76
2	Nonadecane	268	C19H40	000629-92-5	68
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	68
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5	Pentadecane	212	C15H32	000629-62-9	64





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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

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

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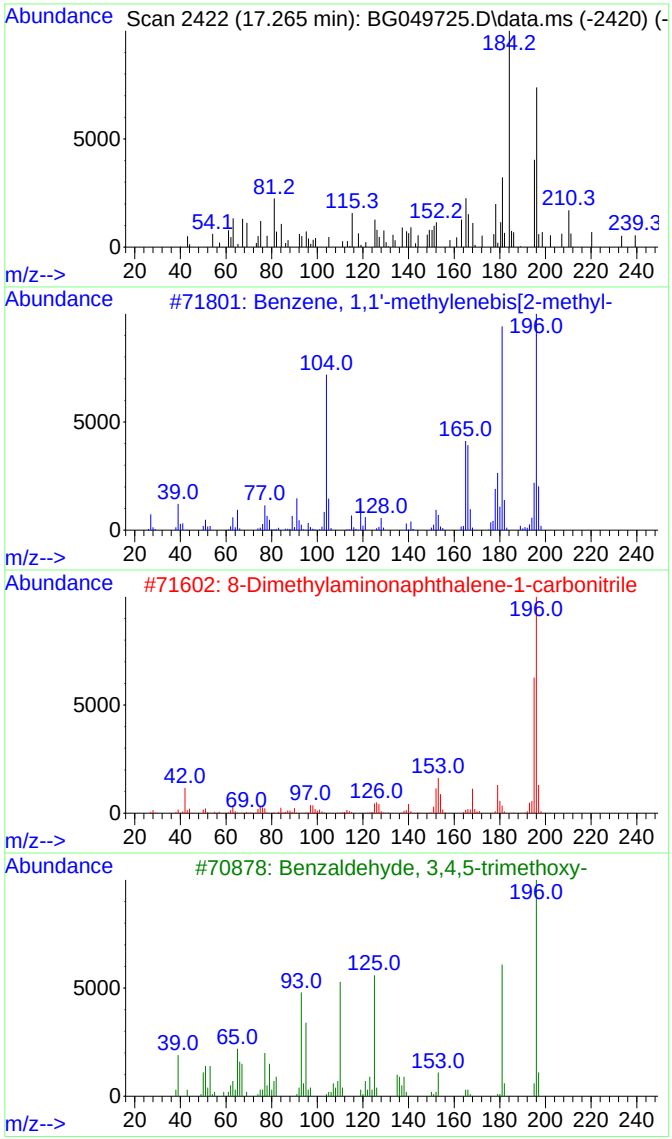
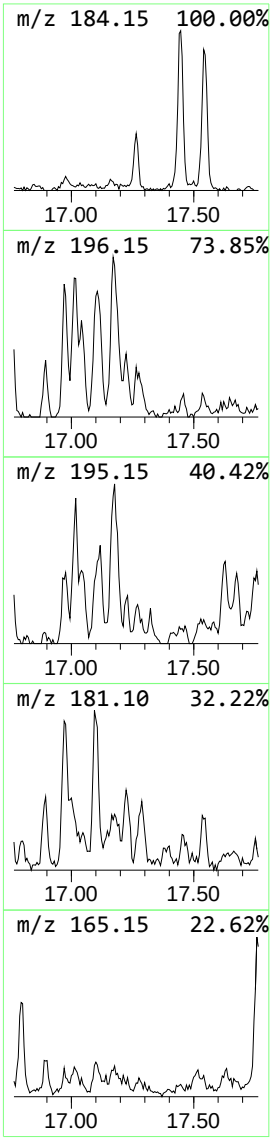
Peak Number 24 unknown-02 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.265	2.12 ng/ul	51454	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	27
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	27
3	Benzaldehyde, 3,4,5-trimethoxy-	196	C10H12O4	000086-81-7	25
4	9H-Fluorene, 2-methoxy-	196	C14H12O	002523-46-8	22
5	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	22





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

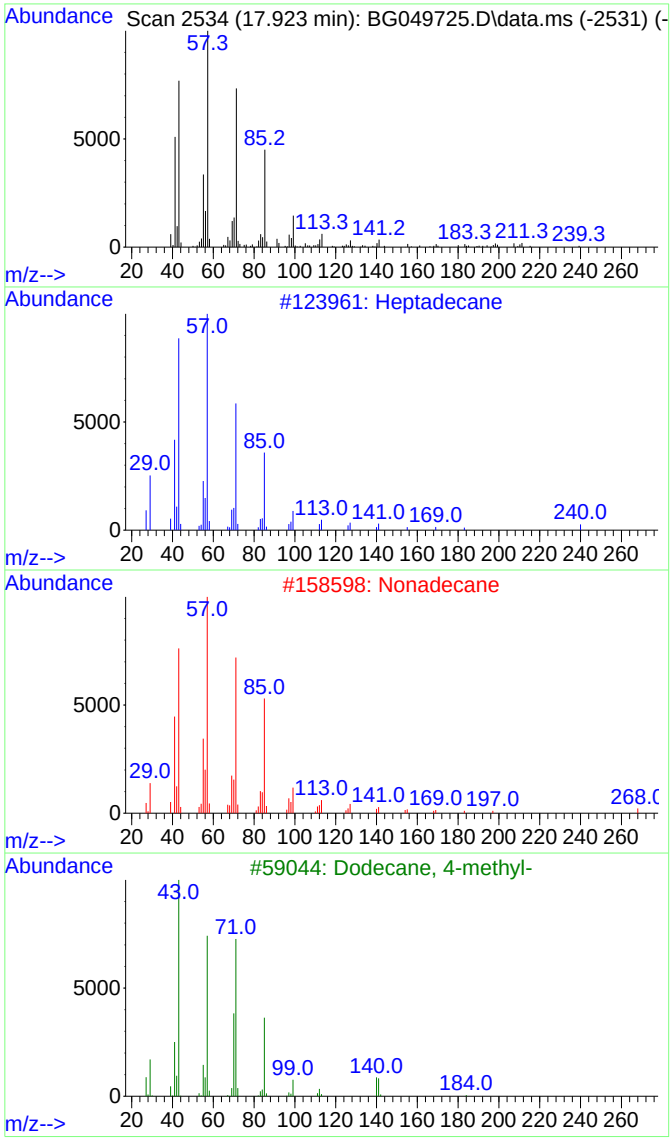
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

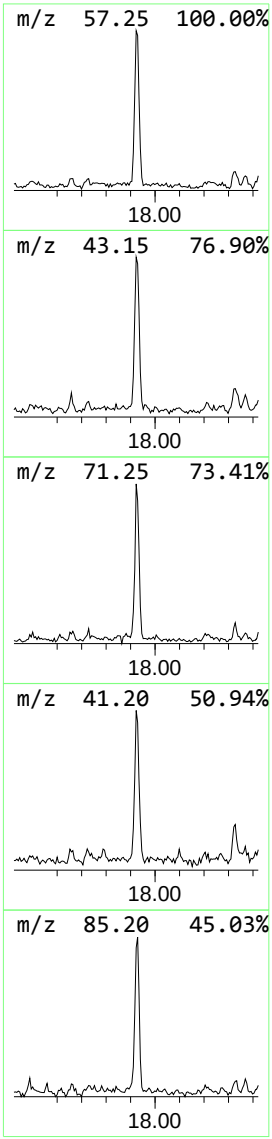
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.922	9.04 ng/ul	219788	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Decane, 5-propyl-	184	C13H28	017312-62-8	83





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Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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

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

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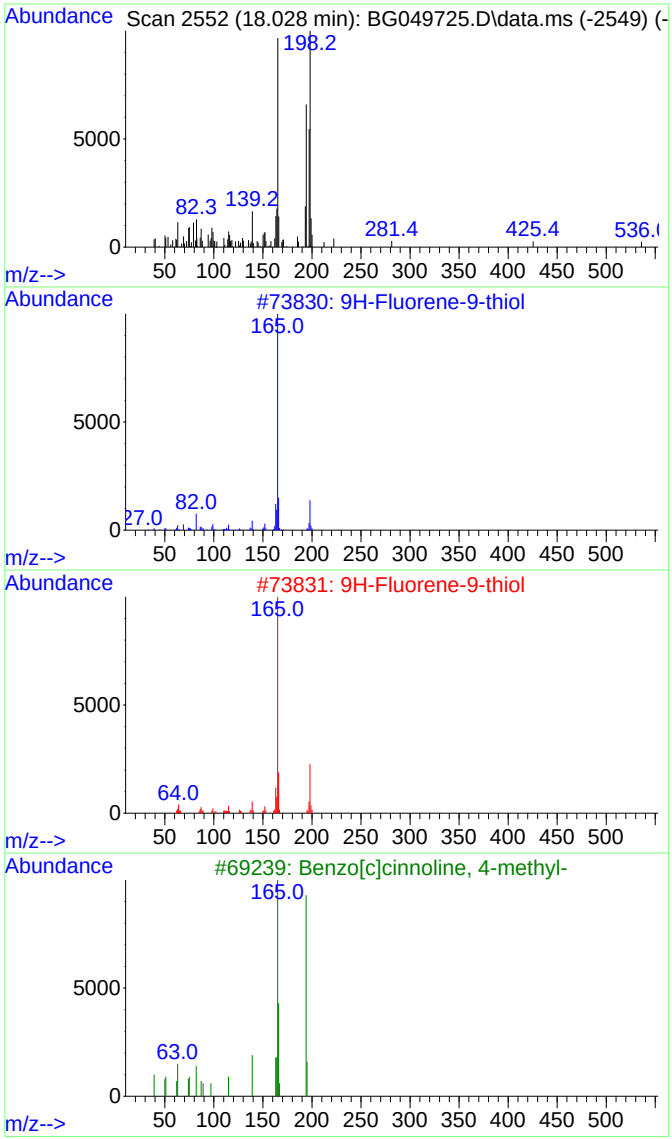
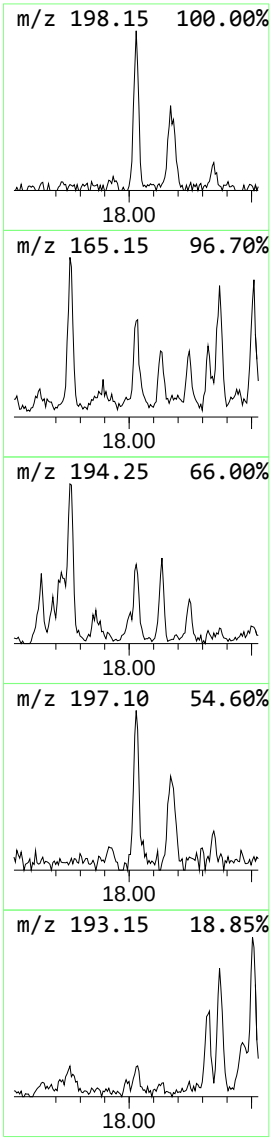
Peak Number 26 9H-Fluorene-9-thiol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	3.98 ng/ul	96789	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene-9-thiol	198	C13H10S	019552-08-0	52
2	9H-Fluorene-9-thiol	198	C13H10S	019552-08-0	50
3	Benzo[c]cinnoline, 4-methyl-	194	C13H10N2	019174-78-8	50
4	Anthrone	194	C14H10O	000090-44-8	46
5	Anthrone	194	C14H10O	000090-44-8	41





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Misc :
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Instrument : BNA_G
ClientSampleId : JCE06

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Quant Title : SVOA CALIBRATION

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

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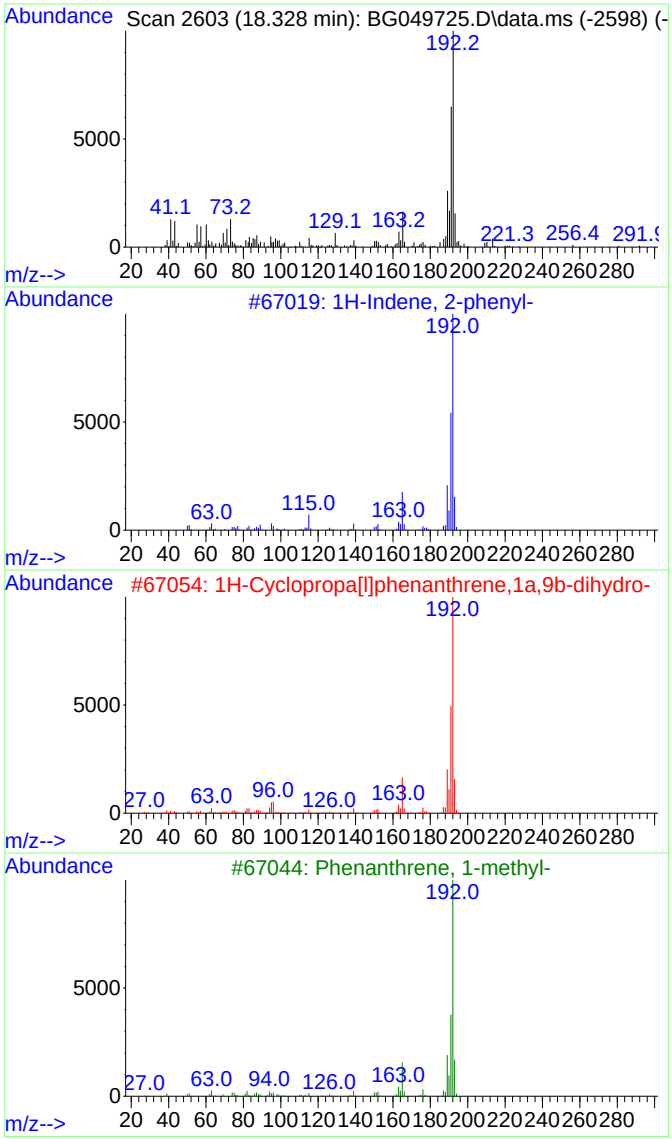
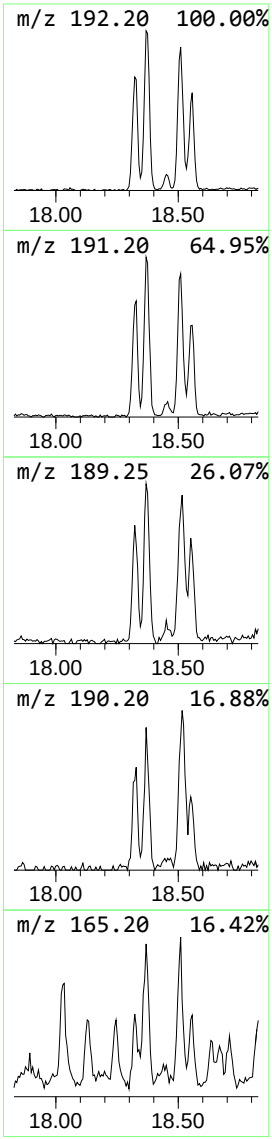
Peak Number 27 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	9.81 ng/ul	238578	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	89





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Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

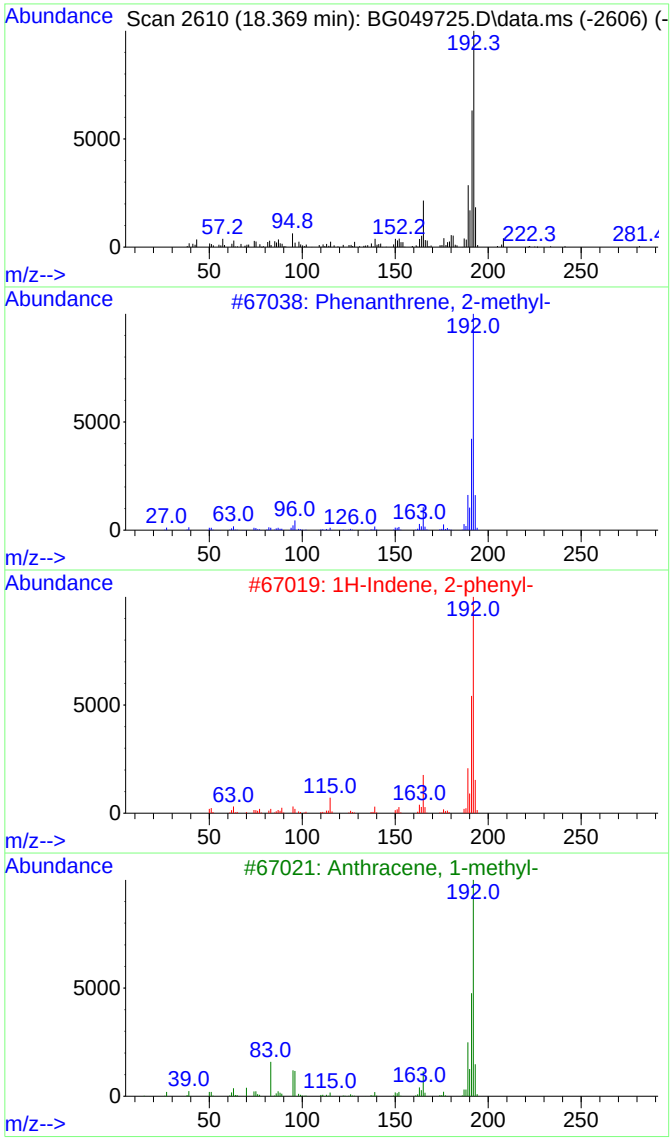
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

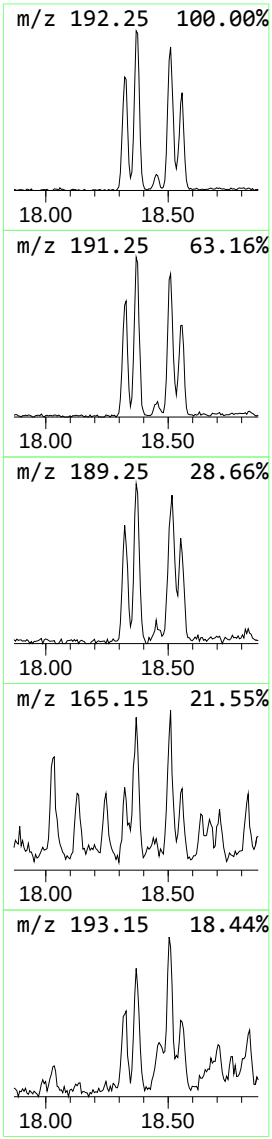
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	12.94 ng/ul	314700	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

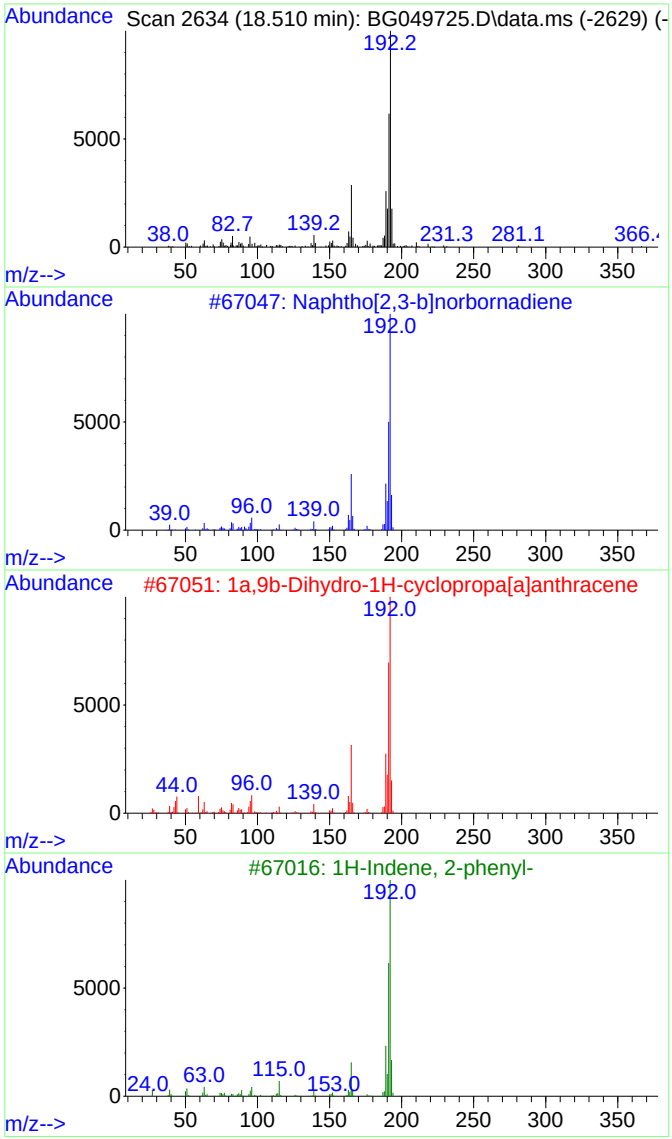
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

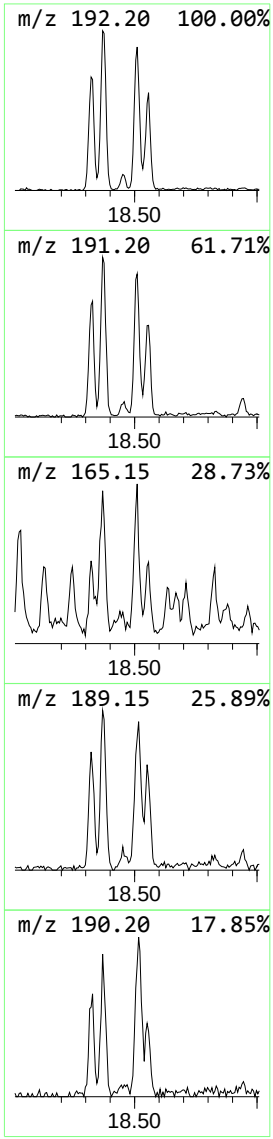
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Naphtho[2,3-b]norbornadiene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.510	9.61 ng/ul	233541	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

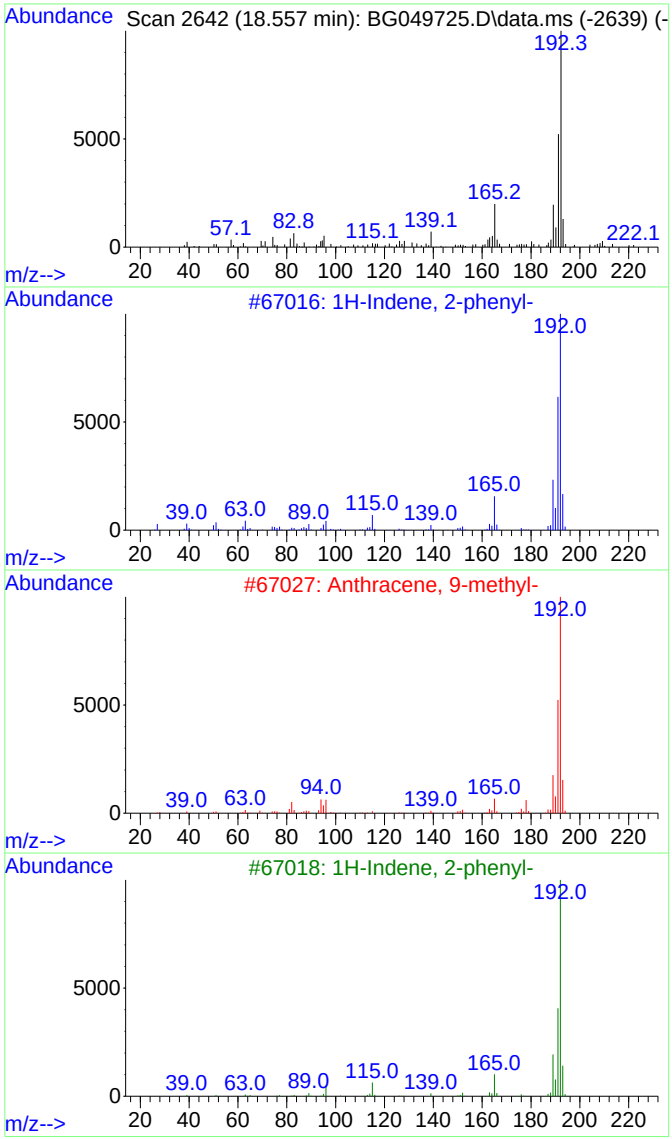
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

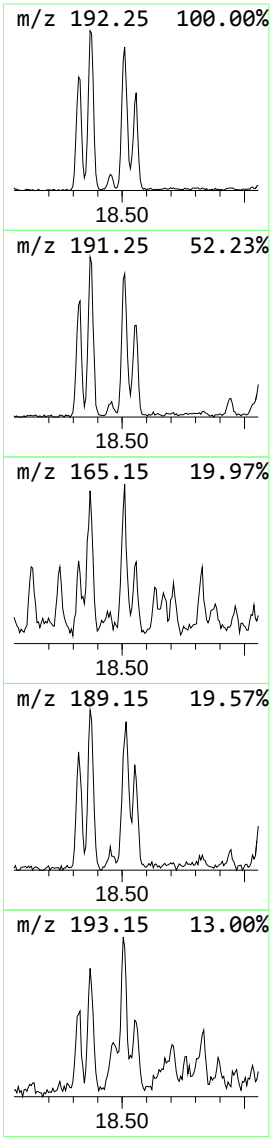
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Anthracene, 9-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.557	4.80 ng/ul	116781	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83





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Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

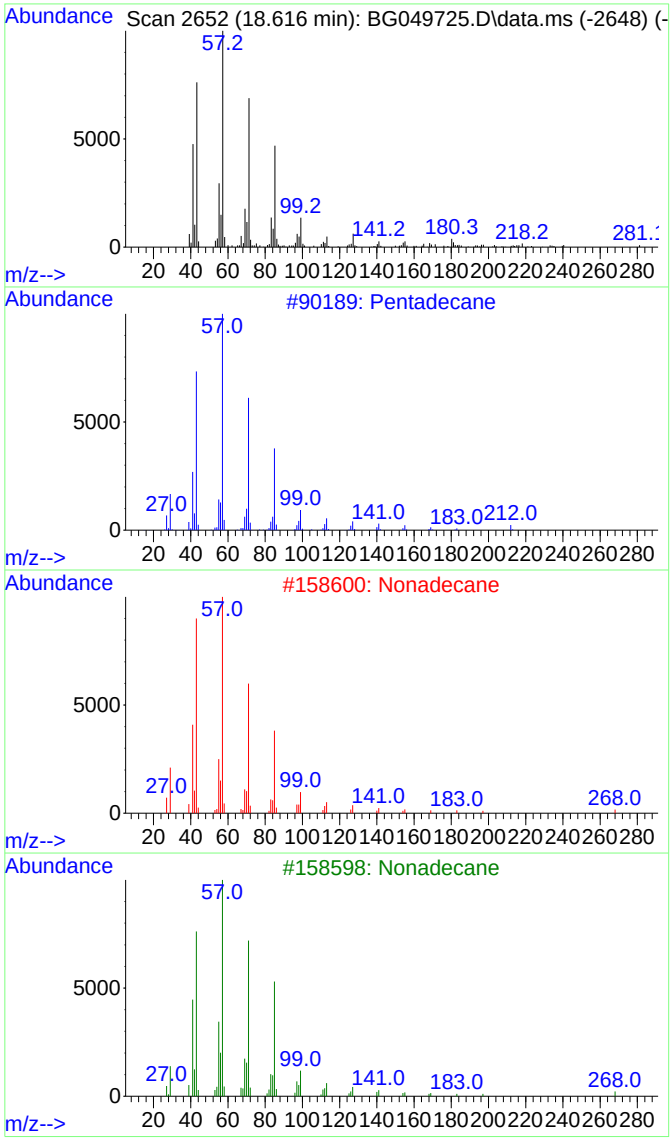
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

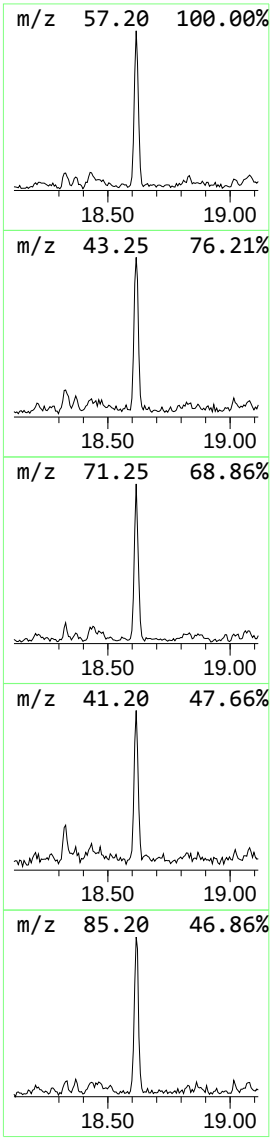
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	9.94 ng/ul	241695	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Nonadecane	268	C19H40	000629-92-5	87
3	Nonadecane	268	C19H40	000629-92-5	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

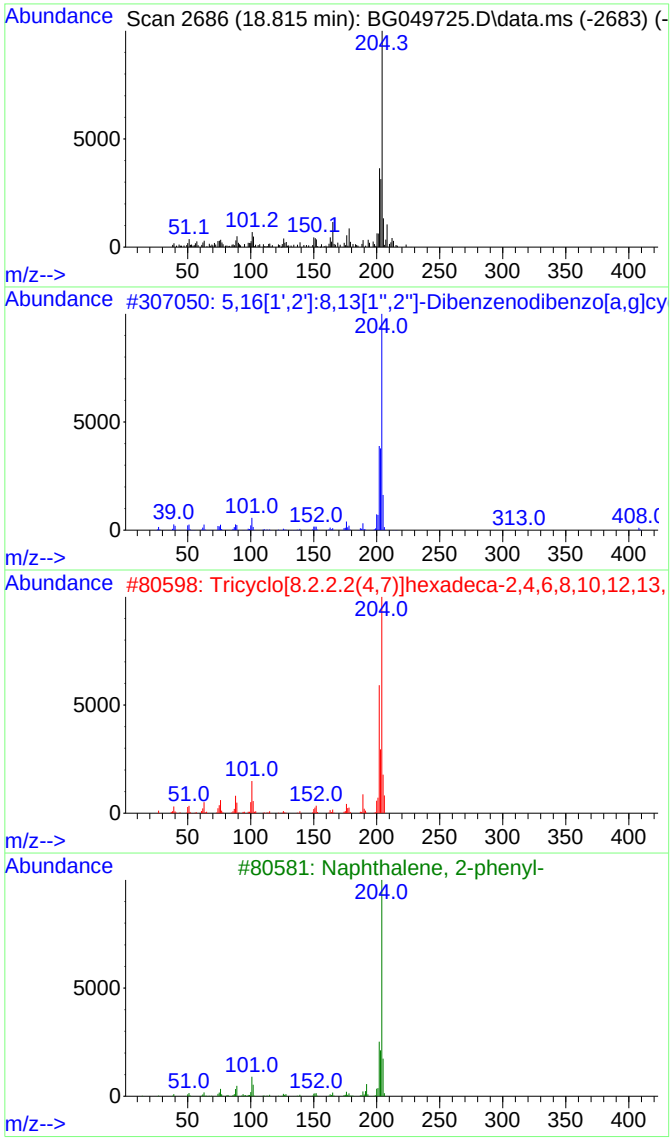
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

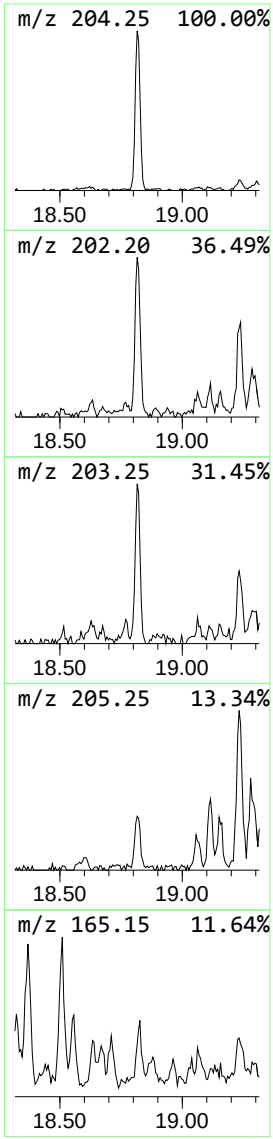
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.815	5.08 ng/ul	123518	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53





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Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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

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

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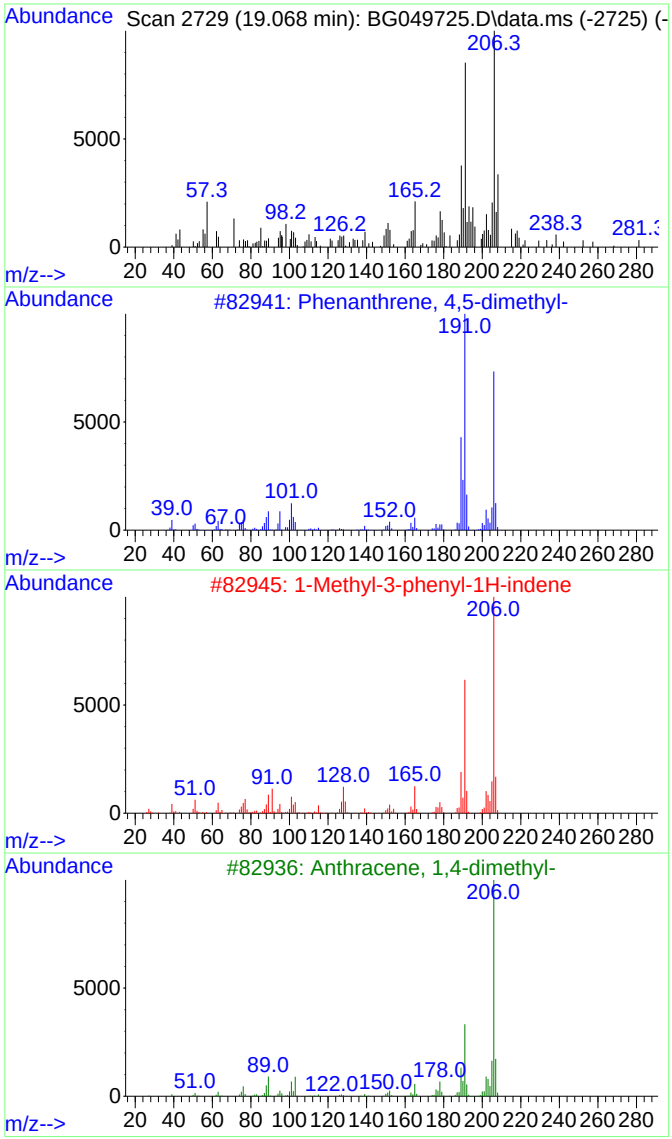
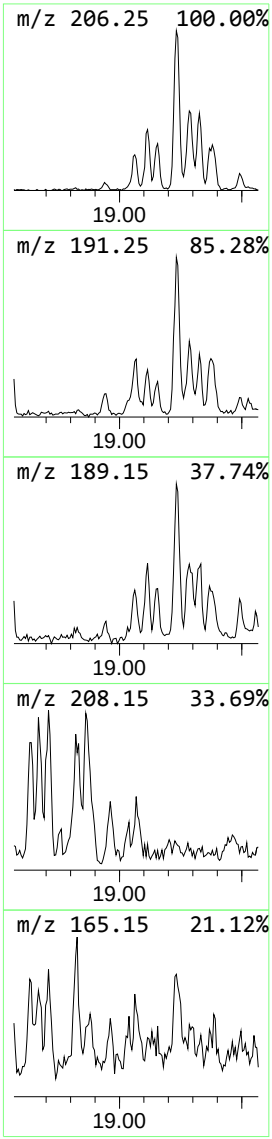
Peak Number 33 Phenanthrene, 4,5-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.068	2.44 ng/ul	59416	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	87
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	86





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

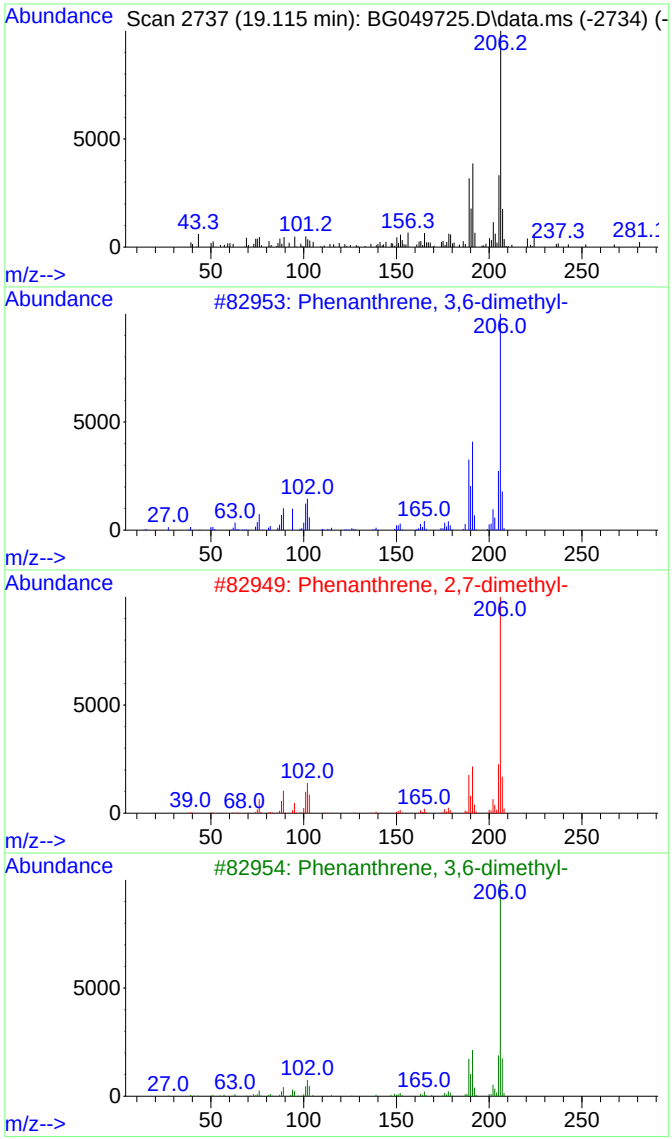
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

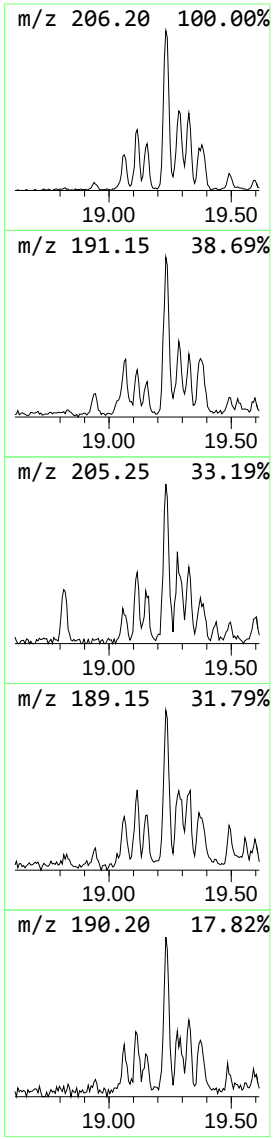
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Phenanthrene, 3,6-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.115	2.37 ng/ul	57525	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86





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Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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

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

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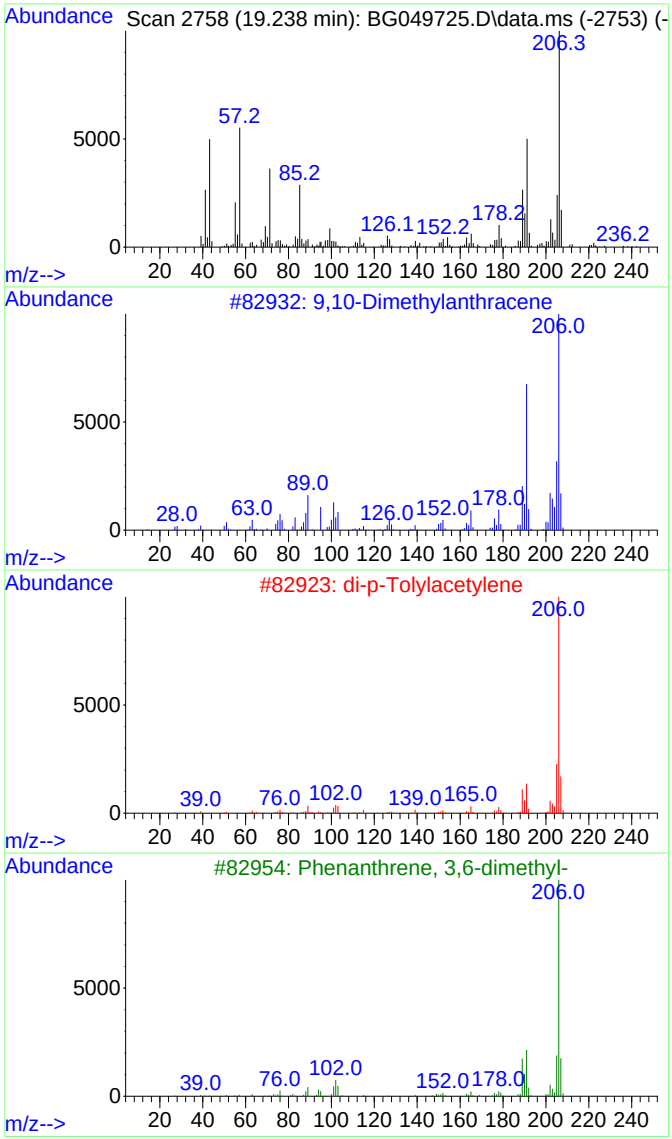
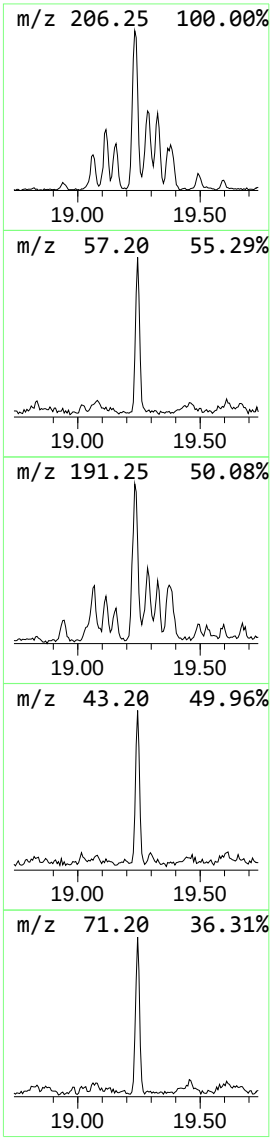
Peak Number 35 9,10-Dimethylanthracene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.238	18.79 ng/ul	456833	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81





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Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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

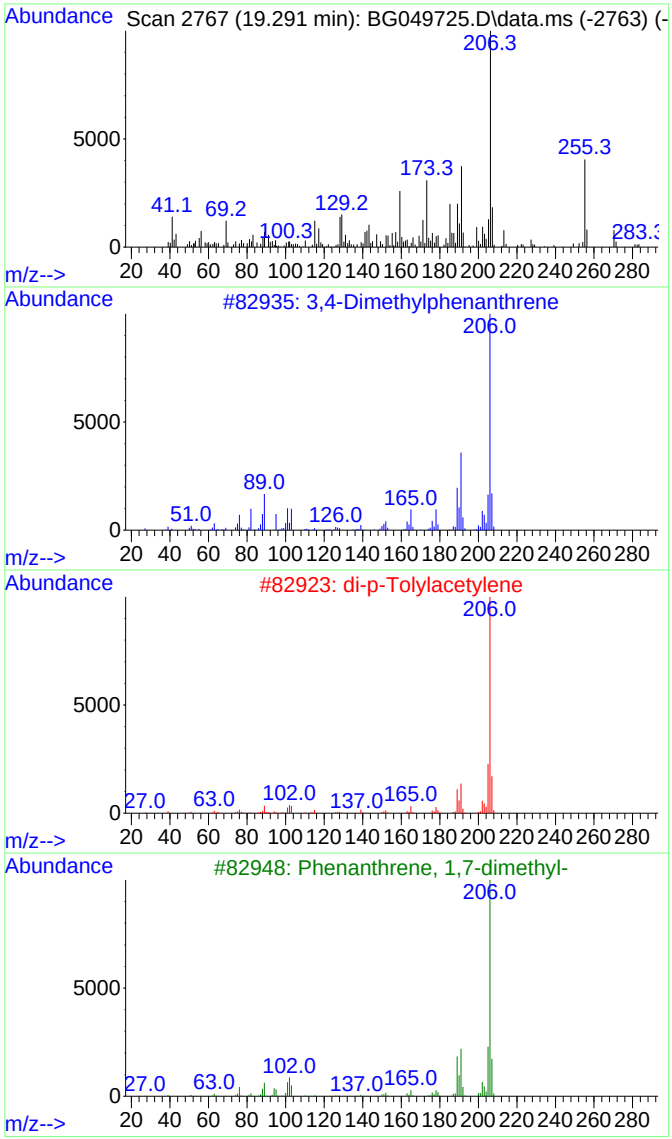
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

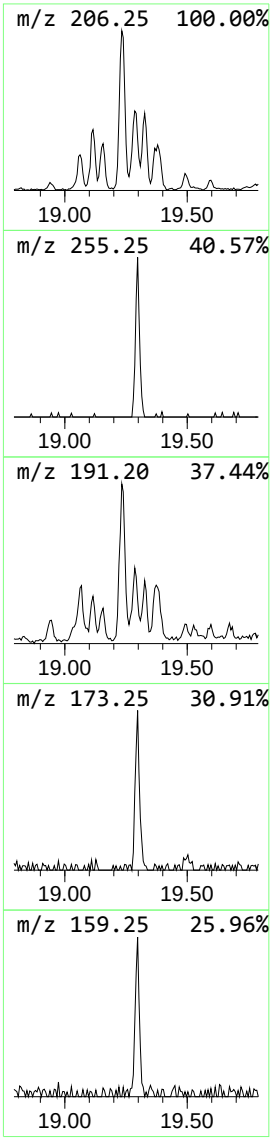
****

Peak Number 36 3,4-Dimethylphenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.291	6.33 ng/ul	153996	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	55
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	55
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	50
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	50
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

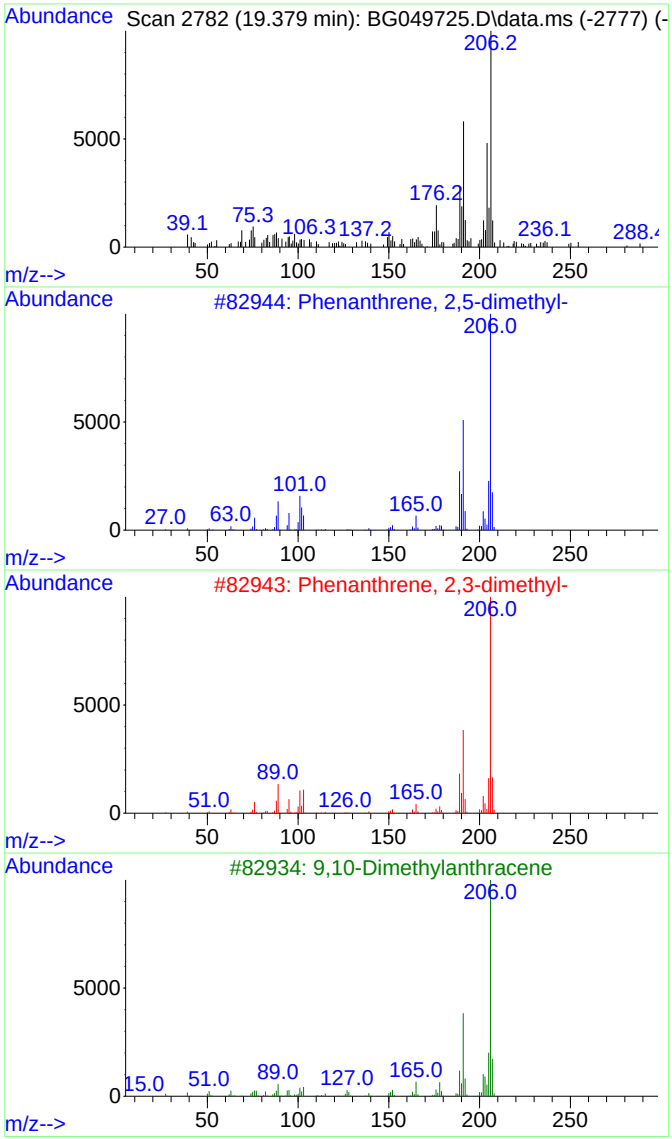
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

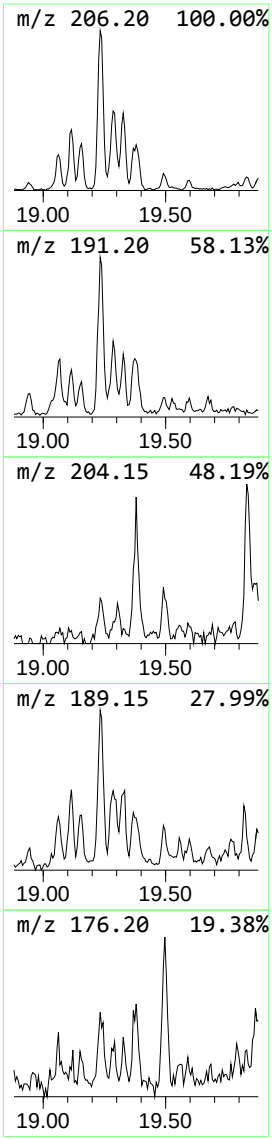
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Phenanthrene, 2,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.379	4.92 ng/ul	119714	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	62
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	58





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

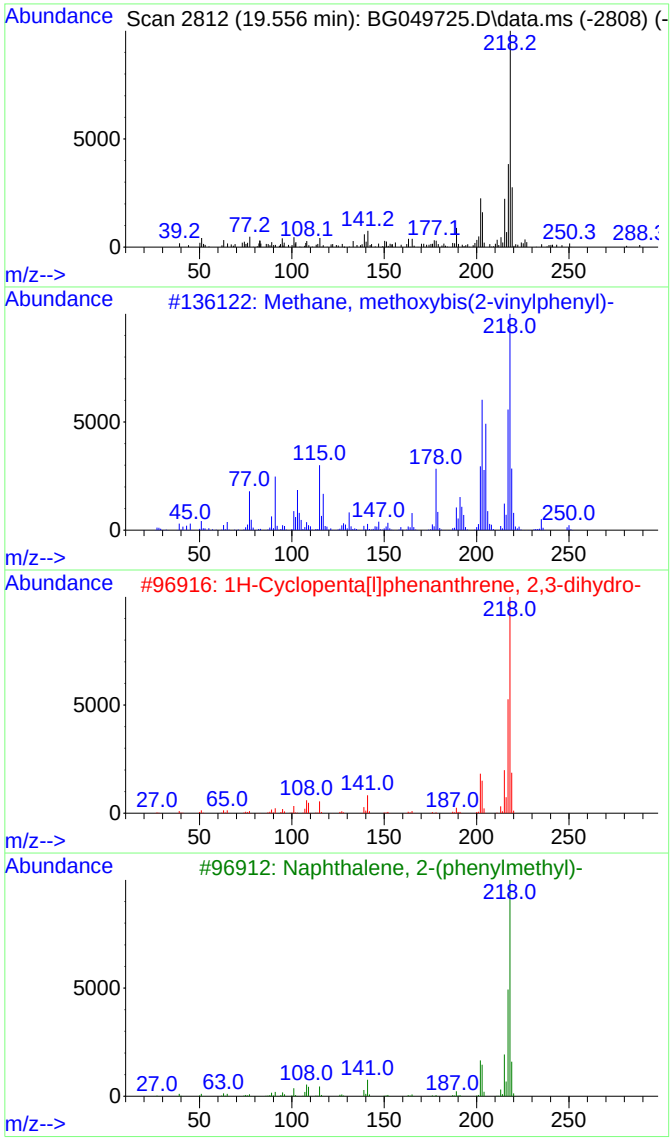
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

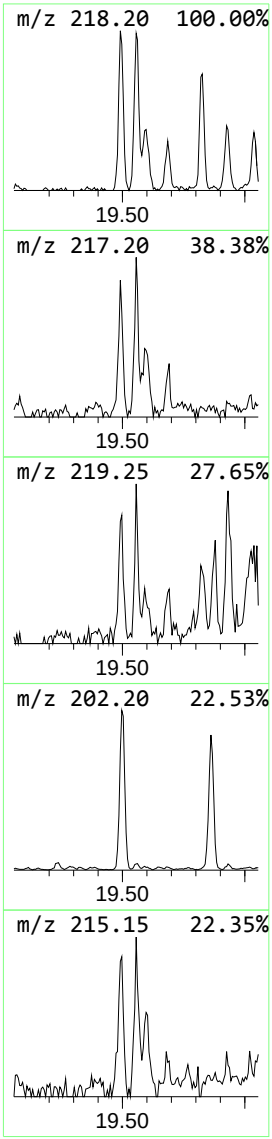
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Methane, methoxybis(2-vinyl... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.556	4.71 ng/ul	114534	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, methoxybis(2-vinylphenyl)-	250	C18H18O	1000210-69-5	72
2	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	68
3	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	68
4	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	53
5	Naphthalene, 1-(4-methylphenyl)-	218	C17H14	027331-34-6	40





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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

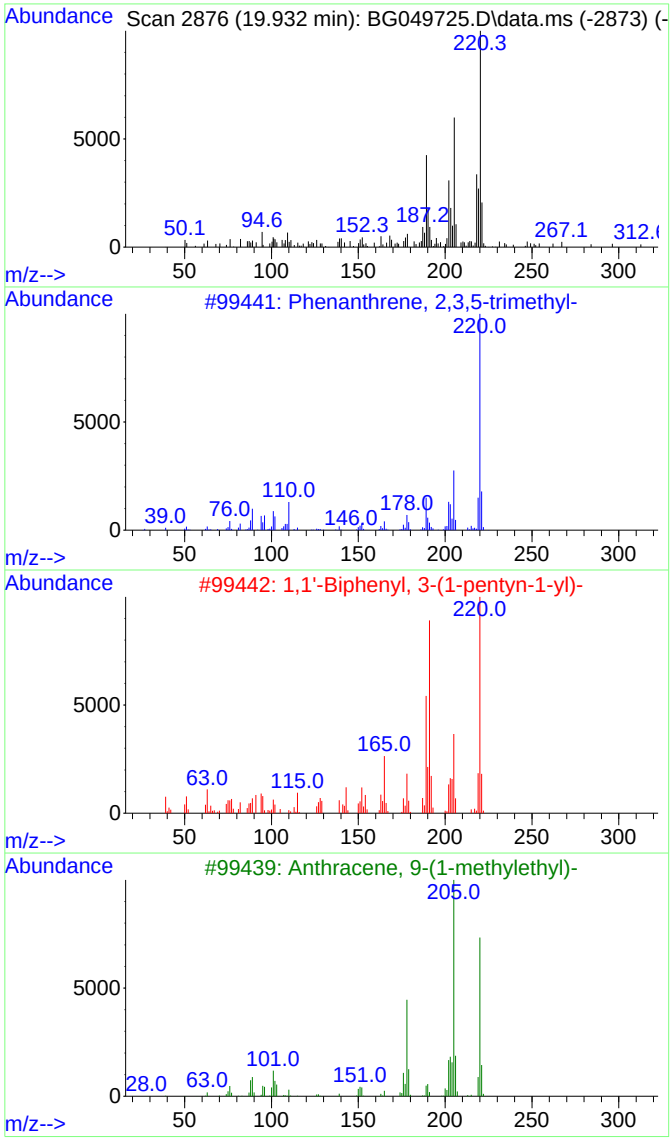
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

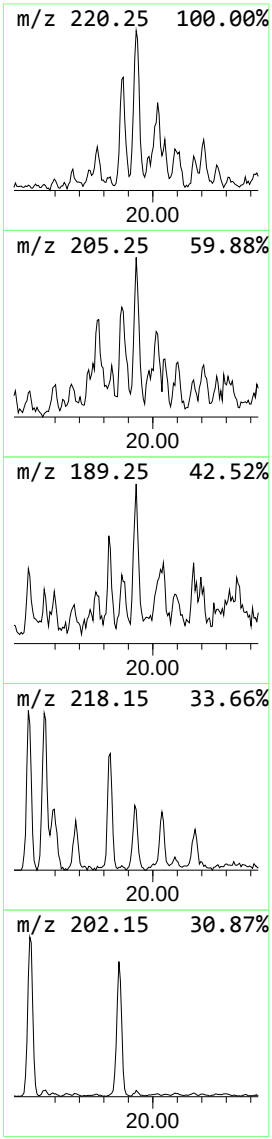
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.932	3.55 ng/ul	119393	Chrysene-d12	21.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	76
2	1,1'-Biphenyl, 3-(1-pentyn-1-yl)-	220	C17H16	2029236-76-6	68
3	Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	64
4	10-Methylanthracene-9-carboxalde...	220	C16H12O	007072-00-6	60
5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	58





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Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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

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

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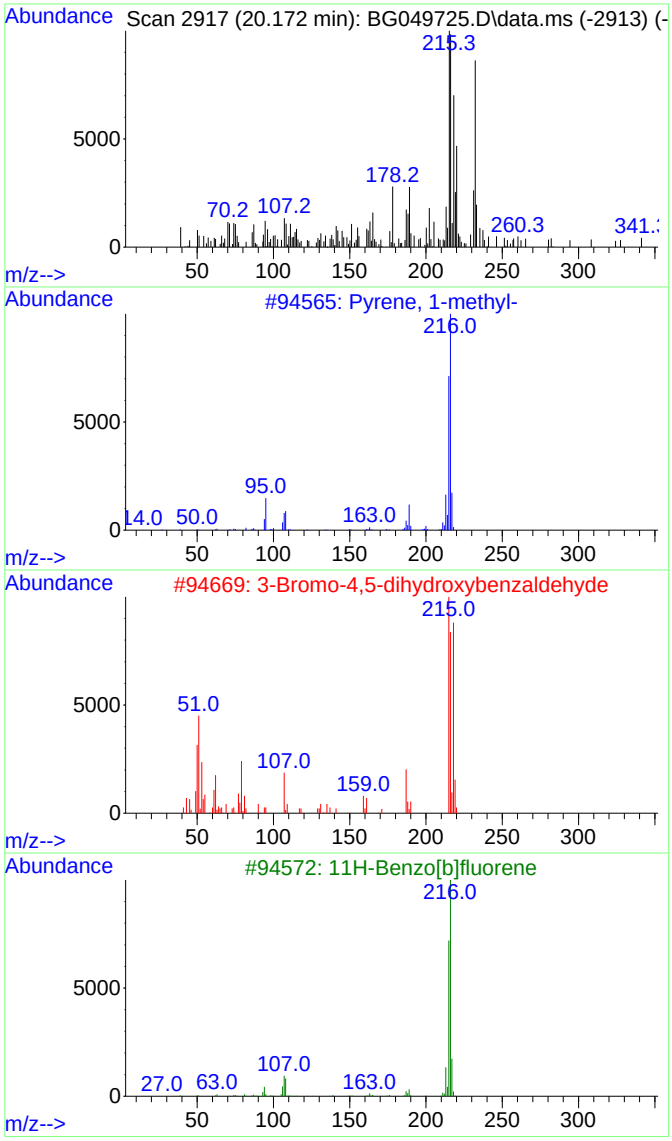
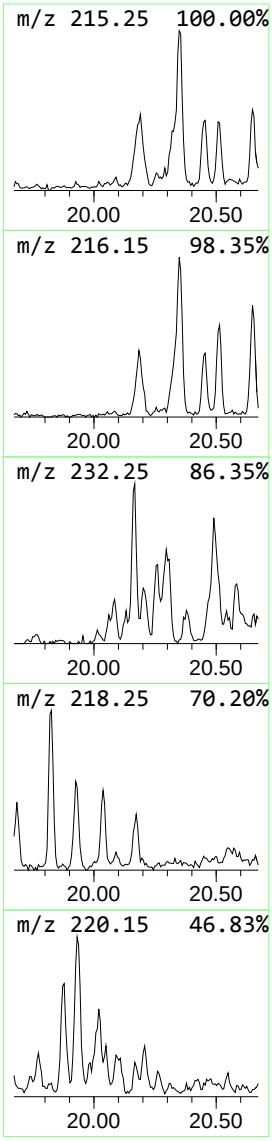
Peak Number 40 unknown-03 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.172	2.65 ng/ul	89083	Chrysene-d12	21.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	47
2	3-Bromo-4,5-dihydroxybenzaldehyde	216	C7H5BrO3	1000429-10-3	45
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	35
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	35
5	11H-Indeno[1,2-b]quinoxaline, 2-...	232	C16H12N2	081829-02-9	35





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Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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

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

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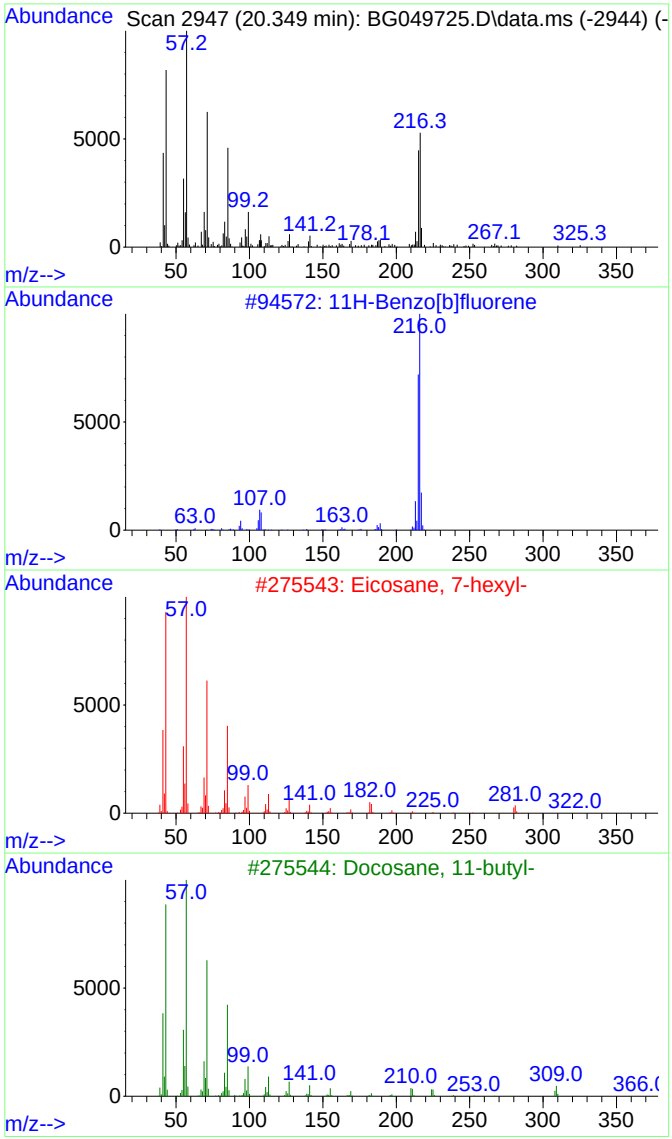
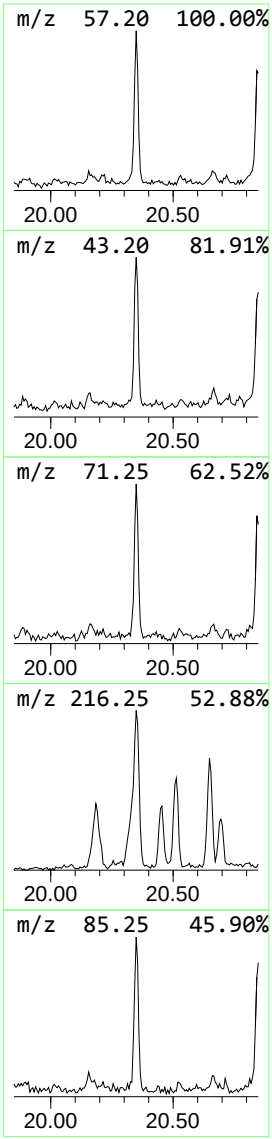
Peak Number 41 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.349	7.62 ng/ul	256506	Chrysene-d12	21.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	45
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	45
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	45
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	43





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Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

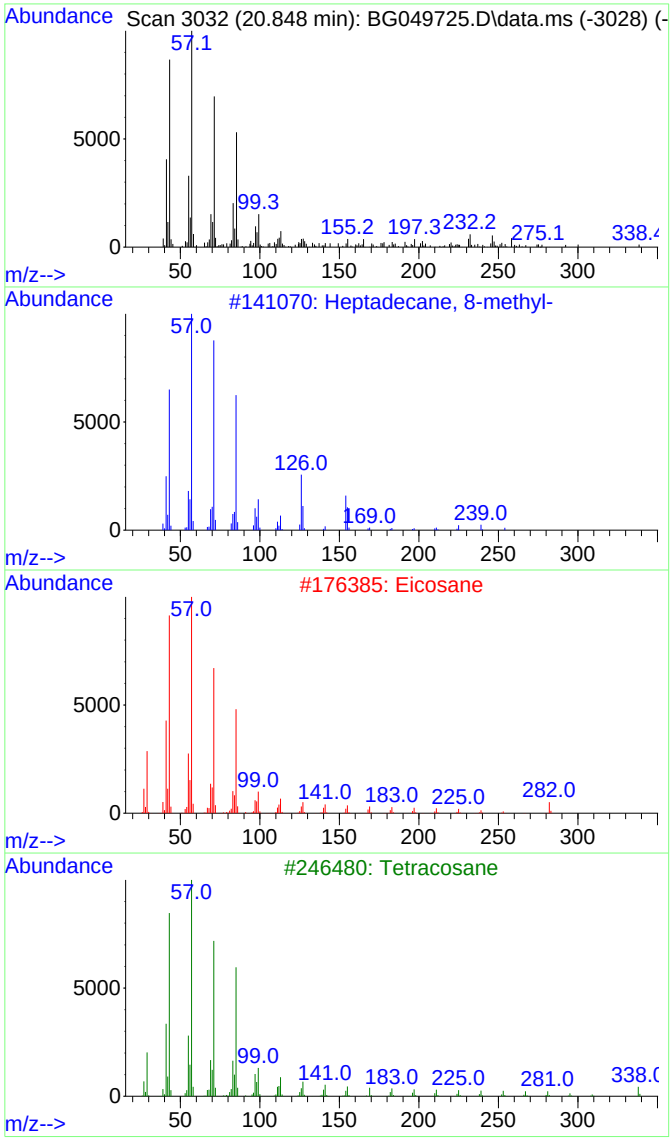
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

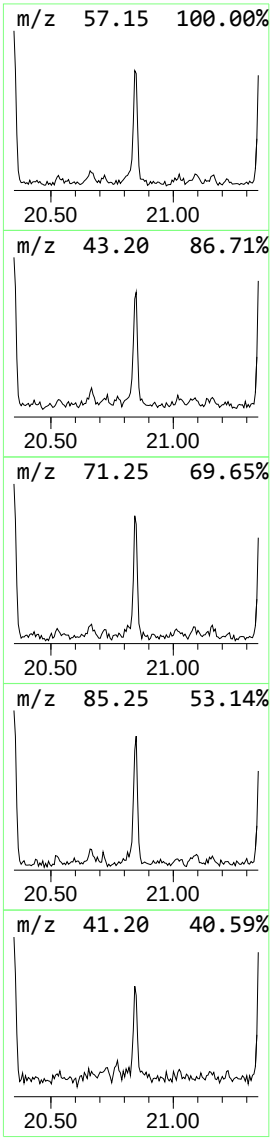
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.848	4.59 ng/ul	154418	Chrysene-d12	21.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
2	Eicosane	282	C20H42	000112-95-8	81
3	Tetracosane	338	C24H50	000646-31-1	76
4	Hexacosane	366	C26H54	000630-01-3	74
5	Tetracosane	338	C24H50	000646-31-1	74





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Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

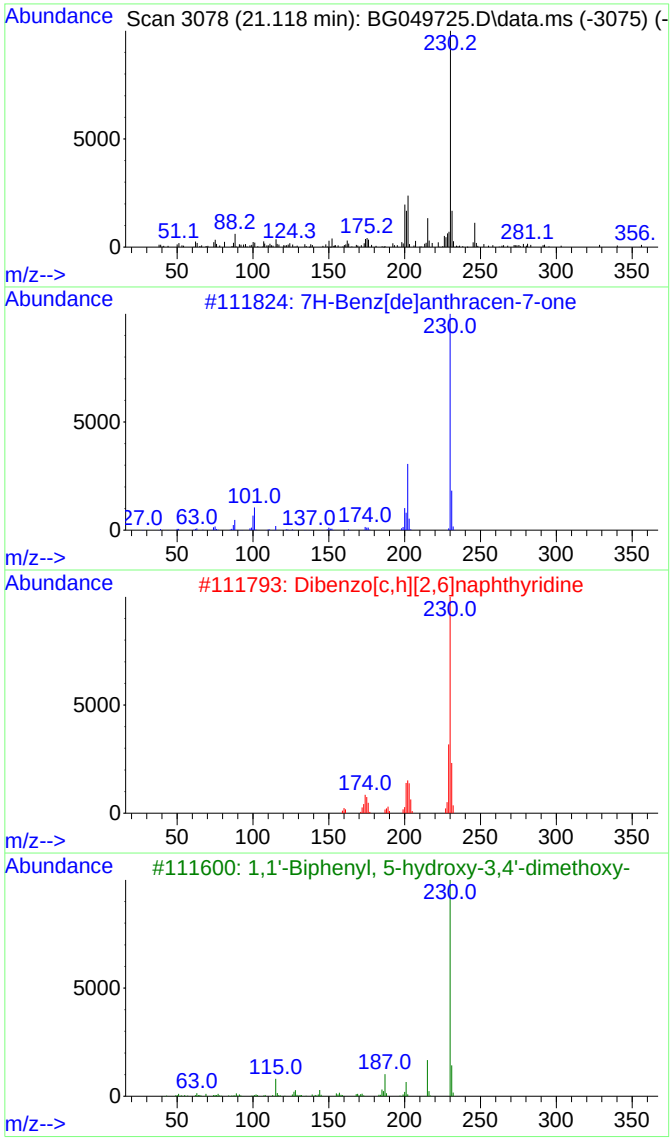
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

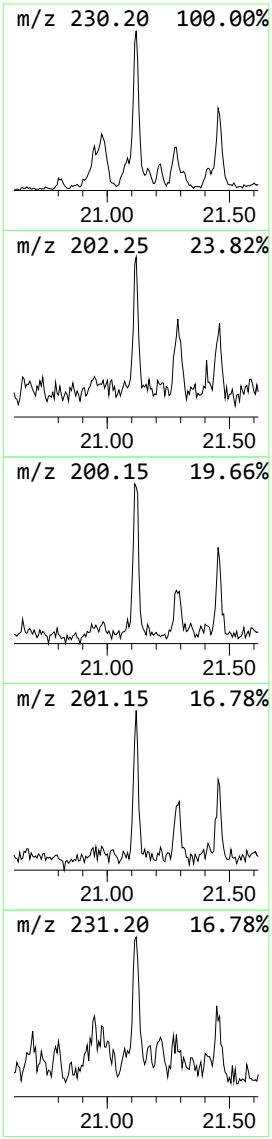
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 7H-Benz[de]anthracen-7-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.118	4.05 ng/ul	136230	Chrysene-d12	21.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
2	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	52
3	1,1'-Biphenyl, 5-hydroxy-3,4'-di...	230	C14H14O3	119101-26-7	50
4	5-Amino-7-imino-4,8-diazatricycl...	230	C12H14N4O	1000388-35-6	50
5	8-Hydroxyquinoline-5-carbaldehyd...	245	C13H15NO2Si	1010463-63-7	50





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Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

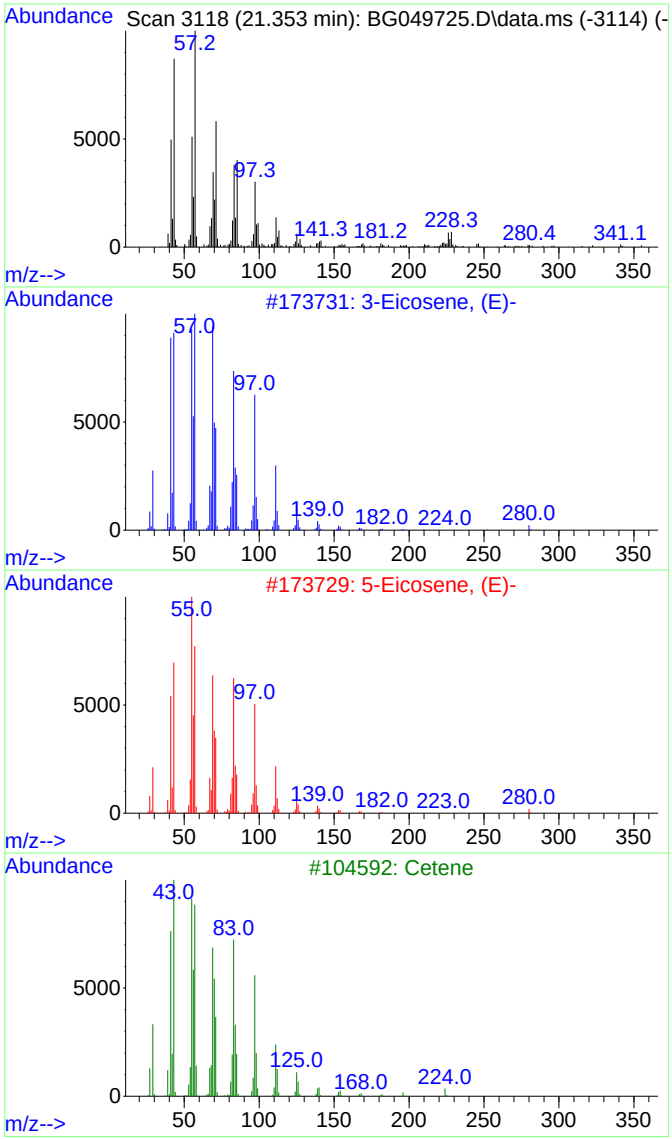
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

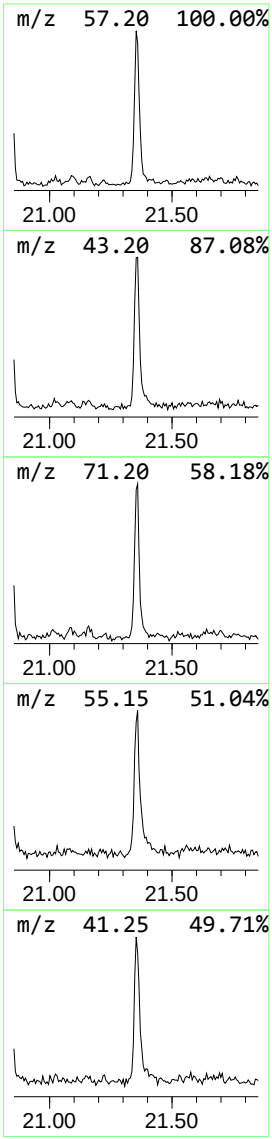
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.353	10.04 ng/ul	337797	Chrysene-d12	21.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	Cetene	224	C16H32	000629-73-2	92
4	1-Pentadecene	210	C15H30	013360-61-7	92
5	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCE06

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...	3.084	12.7	ng/ul	180686	1	8.042	283695	20.0
Butane, 2-metho...	3.160	51.6	ng/ul	732338	1	8.042	283695	20.0
Methacrylamide	3.959	5.5	ng/ul	78735	1	8.042	283695	20.0
unknown-01	8.876	2.4	ng/ul	34245	1	8.042	283695	20.0
Ethanol, 2-(2-b...	10.621	5.6	ng/ul	98192	2	10.861	348176	20.0
Sulfurous acid,...	11.878	5.9	ng/ul	102296	2	10.861	348176	20.0
(DEL) Alkane: S...	12.271	4.0	ng/ul	68702	2	10.861	348176	20.0
(DEL) Alkane: S...	13.217	2.8	ng/ul	68295	3	14.692	485071	20.0
(DEL) Alkane: S...	13.505	5.4	ng/ul	129926	3	14.692	485071	20.0
Naphthalene, 2,...	14.010	3.5	ng/ul	85343	3	14.692	485071	20.0
(DEL) Alkane: S...	14.163	2.9	ng/ul	70218	3	14.692	485071	20.0
(DEL) Alkane: S...	14.580	5.3	ng/ul	128977	3	14.692	485071	20.0
Naphthalene, 2,...	15.085	3.8	ng/ul	93240	3	14.692	485071	20.0
Naphthalene, 1,...	15.308	3.7	ng/ul	90718	3	14.692	485071	20.0
Naphthalene, 1,...	15.361	2.8	ng/ul	67577	3	14.692	485071	20.0
4,6,8-Trimethyl...	15.479	3.7	ng/ul	89248	3	14.692	485071	20.0
(DEL) Alkane: S...	15.526	7.2	ng/ul	174103	3	14.692	485071	20.0
(DEL) Alkane: S...	16.389	13.2	ng/ul	321006	4	17.447	486242	20.0
9-Methoxyfluorene	16.895	2.1	ng/ul	51078	4	17.447	486242	20.0
3-t-Butyl-4-hyd...	16.971	3.0	ng/ul	72747	4	17.447	486242	20.0
9H-Fluoren-9-one	17.100	5.5	ng/ul	134234	4	17.447	486242	20.0
(DEL) Alkane: S...	17.182	10.7	ng/ul	259416	4	17.447	486242	20.0
unknown-02	17.265	2.1	ng/ul	51454	4	17.447	486242	20.0
(DEL) Alkane: S...	17.922	9.0	ng/ul	219788	4	17.447	486242	20.0
9H-Fluorene-9-t...	18.028	4.0	ng/ul	96789	4	17.447	486242	20.0
1H-Indene, 2-ph...	18.328	9.8	ng/ul	238578	4	17.447	486242	20.0
Phenanthrene, 2...	18.369	12.9	ng/ul	314700	4	17.447	486242	20.0
Naphtho[2,3-b]n...	18.510	9.6	ng/ul	233541	4	17.447	486242	20.0
Anthracene, 9-m...	18.557	4.8	ng/ul	116781	4	17.447	486242	20.0
(DEL) Alkane: S...	18.616	9.9	ng/ul	241695	4	17.447	486242	20.0
5,16[1',2']:8,1...	18.815	5.1	ng/ul	123518	4	17.447	486242	20.0
Phenanthrene, 4...	19.068	2.4	ng/ul	59416	4	17.447	486242	20.0
Phenanthrene, 3...	19.115	2.4	ng/ul	57525	4	17.447	486242	20.0
9,10-Dimethylan...	19.238	18.8	ng/ul	456833	4	17.447	486242	20.0
3,4-Dimethylphe...	19.291	6.3	ng/ul	153996	4	17.447	486242	20.0
Phenanthrene, 2...	19.379	4.9	ng/ul	119714	4	17.447	486242	20.0
Methane, methox...	19.556	4.7	ng/ul	114534	4	17.447	486242	20.0
Phenanthrene, 2...	19.932	3.5	ng/ul	119393	5	21.729	673075	20.0
unknown-03	20.172	2.6	ng/ul	89083	5	21.729	673075	20.0
11H-Benzo[b]flu...	20.349	7.6	ng/ul	256506	5	21.729	673075	20.0
(DEL) Alkane: S...	20.848	4.6	ng/ul	154418	5	21.729	673075	20.0
7H-Benz[de]anth...	21.118	4.0	ng/ul	136230	5	21.729	673075	20.0
(DEL) Alkane: S...	21.353	10.0	ng/ul	337797	5	21.729	673075	20.0