LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049765.D
Acq On : 10 Aug 2021 20:33
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

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: BG049765.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.143	13	18	33	rVB	323501	534563	74.72%	5.847%
2	3.848	135	138	150	rBV	31174	62264	8.70%	0.681%
3	4.177	190	194	199	rVB3	10141	15745	2.20%	0.172%
4	4.741	286	290	293	rBV5	2206	3369	0.47%	0.037%
5	5.199	365	368	373	rBV3	3836	6659	0.93%	0.073%
6	5.652	440	445	454	rVB3	18289	37447	5.23%	0.410%
7	5.957	495	497	502	rBV4	2146	3125	0.44%	0.034%
8	6.022	502	508	514	rVB4	12052	19658	2.75%	0.215%
9	6.568	597	601	602	rBV2	2359	2518	0.35%	0.028%
10	6.656	613	616	620	rBV3	3147	4589	0.64%	0.050%
11	7.114	689	694	699	rVB2	6316	8865	1.24%	0.097%
12	7.197	700	708	714	rBV	96530	179730	25.12%	1.966%
13	7.355	729	735	743	rBV	71655	122641	17.14%	1.341%
14	7.567	765	771	779	rVB	101706	177665	24.83%	1.943%
15	7.643	779	784	788	rBV3	12781	23863	3.34%	0.261%
16	8.037	842	851	858	rVB	123676	216572	30.27%	2.369%
17	8.142	866	869	871	rBV3	2391	2996	0.42%	0.033%
18	8.319	896	899	903	rVB4	2209	3417	0.48%	0.037%
19	8.677	957	960	965	rVB4	5802	8557	1.20%	0.094%
20	8.748	966	972	979	rBV2	71425	125748	17.58%	1.375%
21	8.871	987	993	999	rVB6	7570	14362	2.01%	0.157%
22	9.206	1043	1050	1055	rVV	110727	198842	27.79%	2.175%
23	9.259	1057	1059	1069	rVB2	20729	27035	3.78%	0.296%
24	9.347	1073	1074	1077	rBV3	2850	2518	0.35%	0.028%
25	9.476	1092	1096	1098	rBV2	2185	3425	0.48%	0.037%
26	9.682	1129	1131	1136	rVB3	3562	4446	0.62%	0.049%
27	9.928	1167	1173	1185	rVB2	99792	189707	26.52%	2.075%
28	10.093	1197	1201	1204	rBV3	2036	3049	0.43%	0.033%
29	10.175	1211	1215	1216	rBV2	3550	3160	0.44%	0.035%
30	10.298	1234	1236	1240	rVB	2623	3064	0.43%	0.034%
31	10.480	1260	1267	1274	rVB2	125888	229126	32.03%	2.506%
32	10.616	1283	1290	1301	rBV2	116379	211376	29.55%	2.312%
33	10.815	1319	1324	1325	rBV2	21741	26492	3.70%	0.290%
34	10.856	1326	1331	1336	rVB	154579	262138	36.64%	2.867%
35	10.992	1347	1354	1364	rBV2	86062	169511	23.69%	1.854%
36	11.526	1438	1445	1446	rBV3	2616	4641	0.65%	0.051%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

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	11.550	1446	1449	1456	rVB5	3286	7409	1.04%	0.081%
38	11.655	1462	1467	1469	rBV4	4106	6027	0.84%	0.066%
39	11.749	1480	1483	1484	rBV2	2728	2652	0.37%	0.029%
40	11.867	1499	1503	1508	rVB4	13633	19605	2.74%	0.214%
41	11.937	1513	1515	1517	rBV2	2556	2279	0.32%	0.025%
42	12.260	1563	1570	1580	rVB2	27555	45835	6.41%	0.501%
43	12.513	1606	1613	1618	rVB	51194	85564	11.96%	0.936%
44	12.654	1633	1637	1638	rBV2	2085	3179	0.44%	0.035%
45	12.730	1644	1650	1659	rBV	26144	43461	6.07%	0.475%
46	12.807	1659	1663	1666	rVB2	3169	4383	0.61%	0.048%
47	12.959	1682	1689	1693	rBV6	6568	14075	1.97%	0.154%
48	13.206	1729	1731	1737	rVB3	8185	11737	1.64%	0.128%
49	13.283	1739	1744	1750	rBV4	4447	9691	1.35%	0.106%
50	13.441	1768	1771	1775	rBV2	1988	2945	0.41%	0.032%
51	13.500	1775	1781	1788	rBV3	40813	81679	11.42%	0.893%
52	13.570	1788	1793	1801	rVB	68748	111642	15.60%	1.221%
53	13.711	1814	1817	1818	rBV	4435	3301	0.46%	0.036%
54	13.864	1834	1843	1853	rVB4	19374	57658	8.06%	0.631%
55	13.952	1855	1858	1859	rBV3	3018	2588	0.36%	0.028%
56	14.005	1862	1867	1872	rVV3	28236	49130	6.87%	0.537%
57	14.081	1872	1880	1887	rVV	247931	409651	57.26%	4.481%
58	14.152	1889	1892	1897	rVB4	10709	14200	1.98%	0.155%
59	14.246	1903	1908	1911	rBV5	10189	15340	2.14%	0.168%
60	14.381	1925	1931	1941	rVB	258816	419814	58.68%	4.592%
61	14.516	1950	1954	1958	rBV4	3885	6185	0.86%	0.068%
62	14.569	1958	1963	1969	rVB2	43362	54481	7.62%	0.596%
63	14.687	1972	1983	1989	rBV	272611	461816	64.55%	5.051%
64	14.892	2012	2018	2027	rBV	102013	185476	25.93%	2.029%
65	15.080	2046	2050	2059	rVB3	30263	54605	7.63%	0.597%
66	15.157	2059	2063	2067	rBV3	11497	18181	2.54%	0.199%
67	15.303	2083	2088	2093	rBV3	10090	20580	2.88%	0.225%
68	15.356	2093	2097	2101	rVB3	13281	19056	2.66%	0.208%
69	15.521	2121	2125	2129	rVB2	40360	54376	7.60%	0.595%
70	15.679	2147	2152	2159	rVB	332117	503542	70.38%	5.508%
71	15.803	2168	2173	2182	rVB	124960	185569	25.94%	2.030%
72	16.132	2224	2229	2233	rVV8	8057	14253	1.99%	0.156%
73	16.179	2233	2237	2242	rVB6	11969	21946	3.07%	0.240%
74	16.320	2260	2261	2264	rBV2	2737	2963	0.41%	0.032%
75	16.384	2267	2272	2275	rBV	45076	62978	8.80%	0.689%
76	16.543	2296	2299	2300	rBV3	3140	3481	0.49%	0.038%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

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

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

77	16.607	2309	2310	2317	rVB6	5484	5628	0.79%	0.062%
78	16.884	2354	2357	2358	rBV3	6654	6059	0.85%	0.066%
79	16.966	2367	2371	2376	rBV6	20470	37649	5.26%	0.412%
80	17.095	2388	2393	2399	rBV3	29464	56910	7.95%	0.622%
81	17.177	2402	2407	2412	rVB3	52225	75612	10.57%	0.827%
82	17.377	2438	2441	2445	rBV3	3063	4897	0.68%	0.054%
83	17.442	2445	2452	2456	rBV	310526	488971	68.35%	5.349%
84	17.483	2456	2459	2463	rVV	82878	118931	16.62%	1.301%
85	17.536	2463	2468	2478	rVB	300881	483613	67.60%	5.290%
86	17.618	2478	2482	2484	rBV3	8313	10954	1.53%	0.120%
87	17.724	2494	2500	2501	rBV5	8772	13391	1.87%	0.146%
88	17.917	2529	2533	2537	rVB3	41013	51197	7.16%	0.560%
89	18.023	2547	2551	2557	rVB6	19670	28933	4.04%	0.316%
90	18.094	2559	2563	2566	rBV	26211	33380	4.67%	0.365%
91	18.317	2597	2601	2605	rBV2	52387	76014	10.62%	0.831%
92	18.364	2605	2609	2616	rVB2	59935	94486	13.21%	1.034%
93	18.505	2629	2633	2637	rBV2	31076	42185	5.90%	0.461%
94	18.546	2637	2640	2644	rVB2	22003	31066	4.34%	0.340%
95	18.611	2647	2651	2656	rBV3	39144	62648	8.76%	0.685%
96	18.810	2681	2685	2691	rBV	40357	59414	8.30%	0.650%
97	19.233	2753	2757	2759	rBV4	62331	86349	12.07%	0.945%
98	19.492	2797	2801	2806	rVB2	86169	125031	17.48%	1.368%
99	19.827	2852	2858	2871	rVB2	421257	715429	100.00%	7.826%
100	21.718	3176	3180	3185	rVB	277789	427230	59.72%	4.673%

Sum of corrected areas: 9142193

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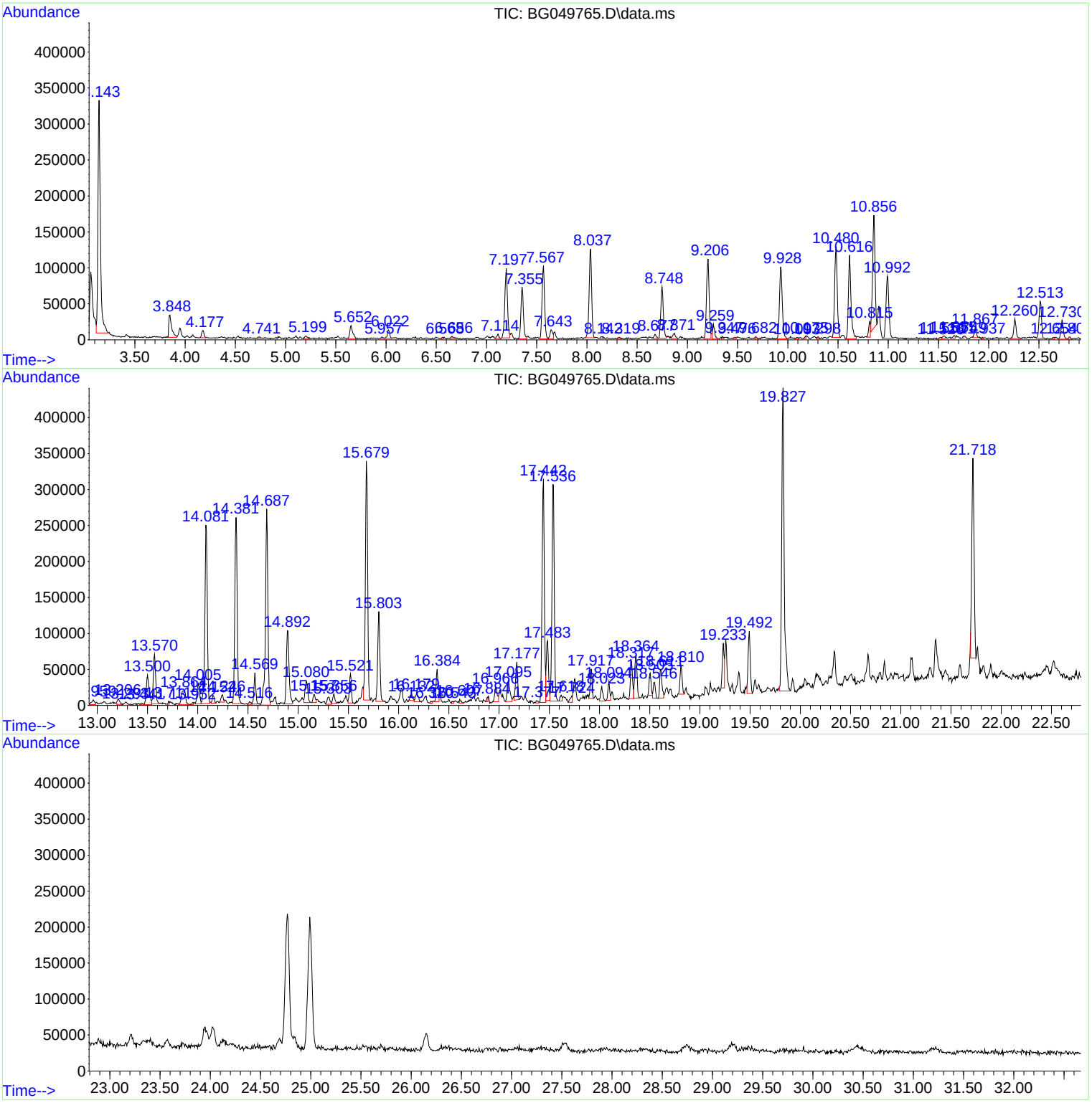
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00D2

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049765.D
Acq On : 10 Aug 2021 20:33
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

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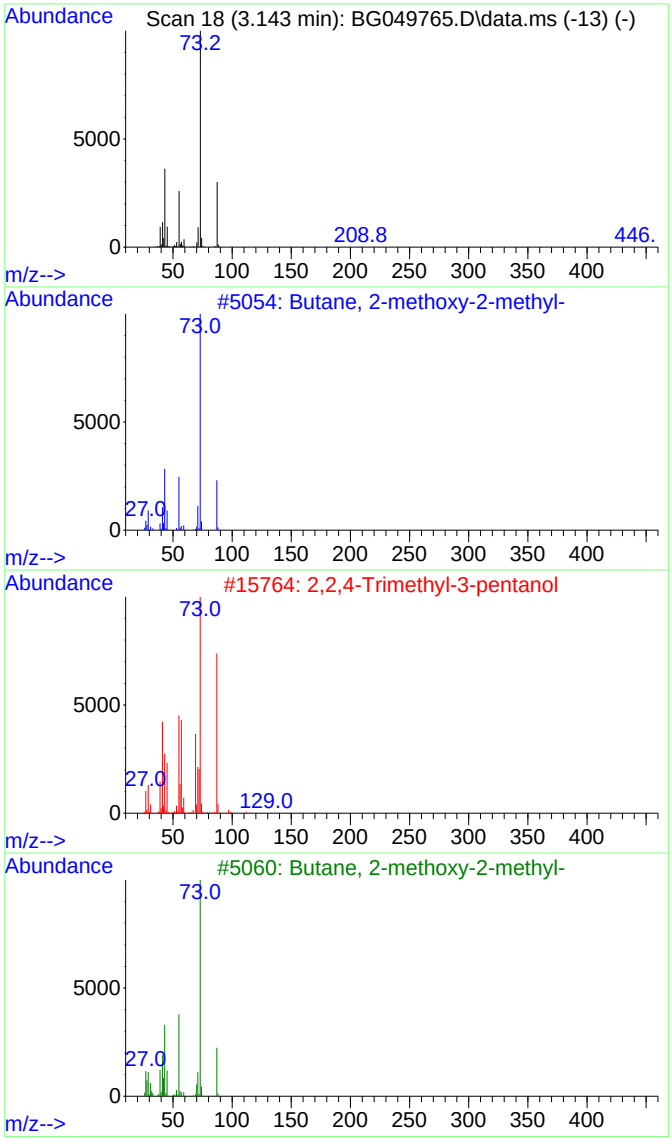
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

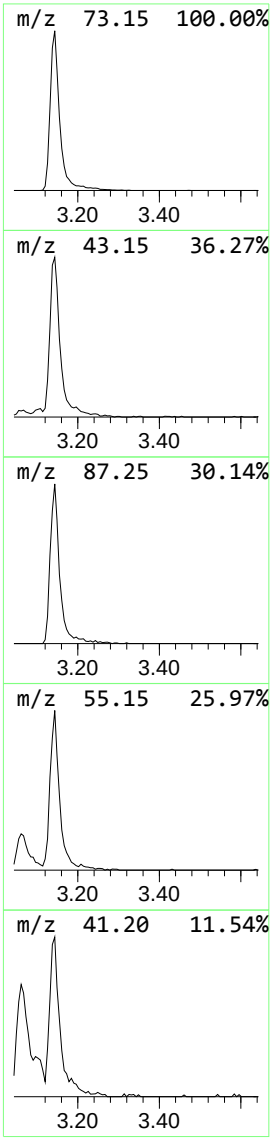
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.143	49.37 ng/ul	534563	1,4-Dichlorobenzene-d4	8.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049765.D
Acq On : 10 Aug 2021 20:33
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00D2

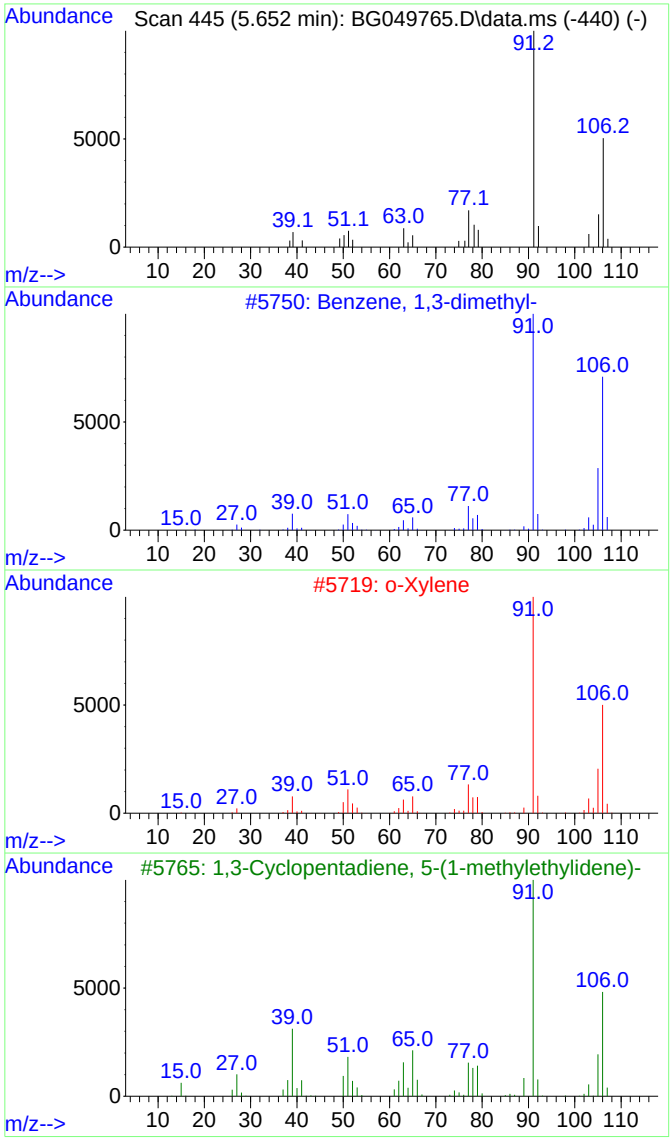
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

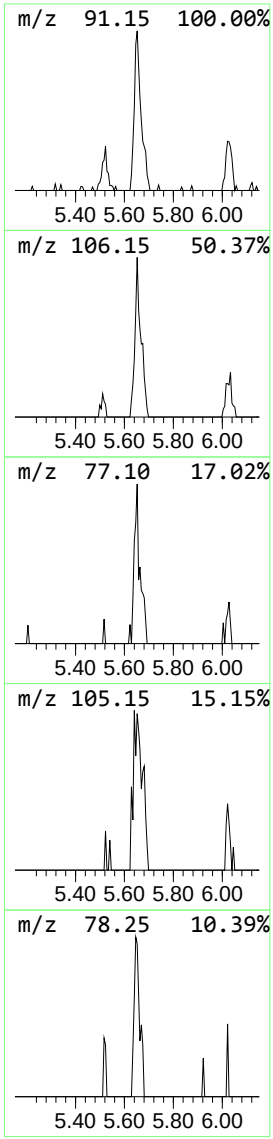
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.652	3.46 ng/ul	37447	1,4-Dichlorobenzene-d4	8.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
2	o-Xylene	106	C8H10	000095-47-6	91
3	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
4	p-Xylene	106	C8H10	000106-42-3	90
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
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Acq On : 10 Aug 2021 20:33
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Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00D2

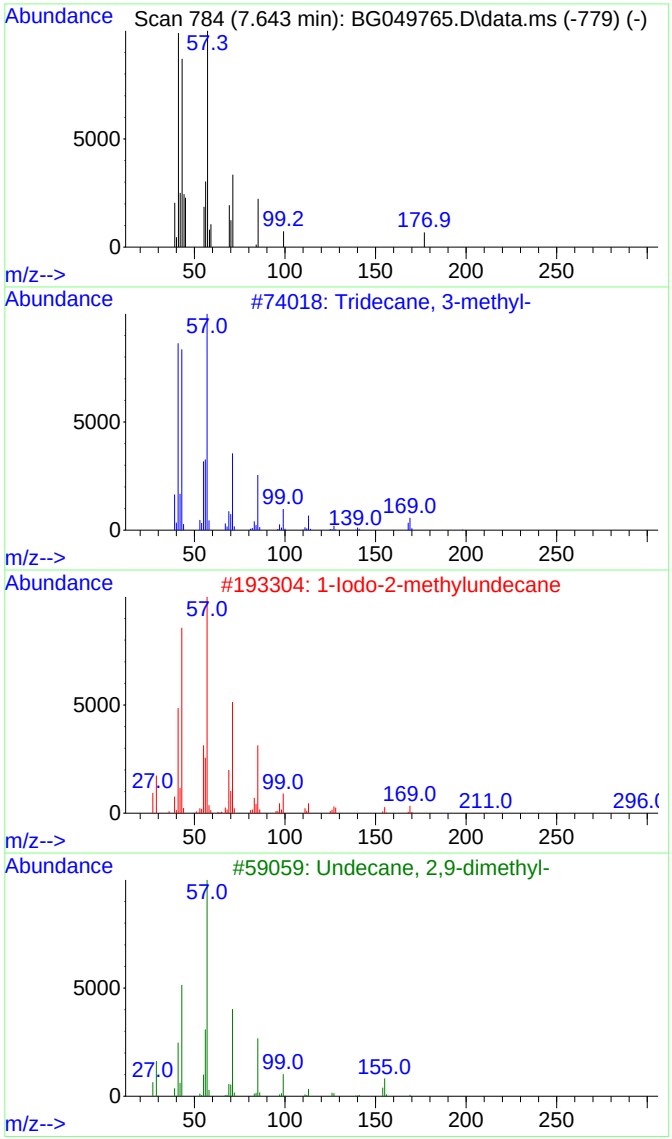
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

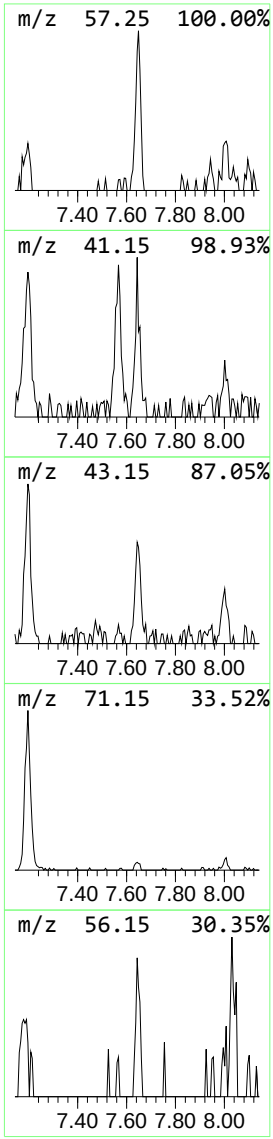
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.643	2.20 ng/ul	23863	1,4-Dichlorobenzene-d4	8.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	50
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	38
3	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	38
4	Decane	142	C10H22	000124-18-5	38
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
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Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00D2

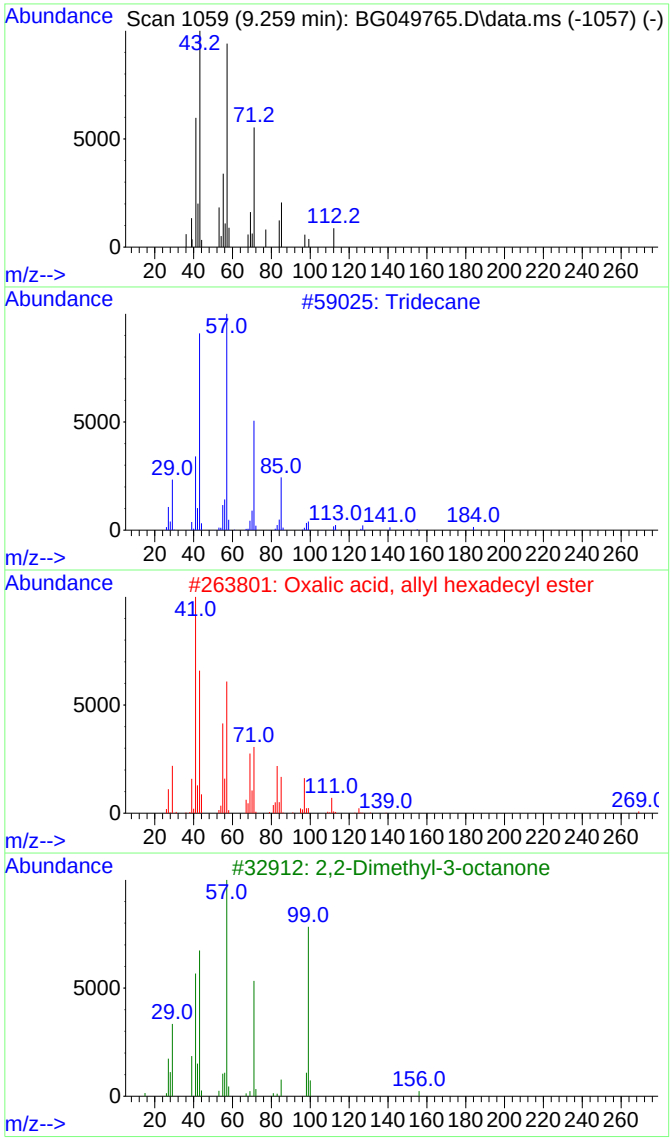
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

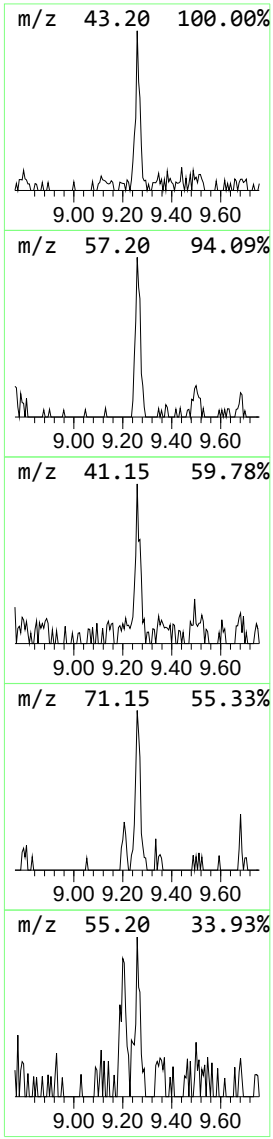
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.259	2.50 ng/ul	27035	1,4-Dichlorobenzene-d4	8.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	59
2	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	50
3	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	50
4	Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	42
5	Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049765.D
Acq On : 10 Aug 2021 20:33
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

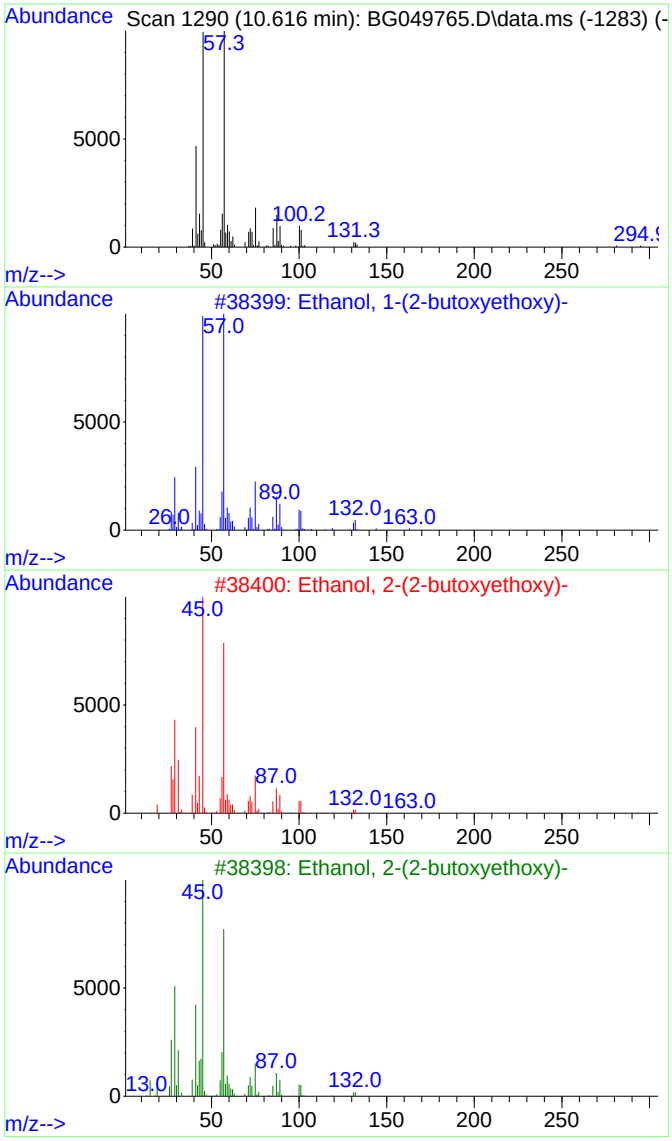
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

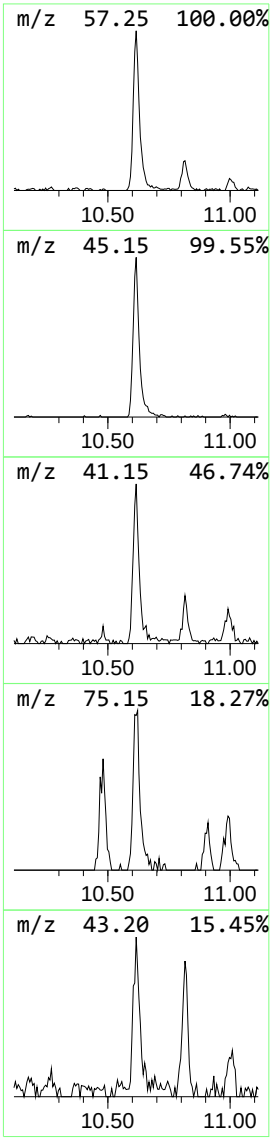
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	16.13 ng/ul	211376	Naphthalene-d8	10.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78





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Acq On : 10 Aug 2021 20:33
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

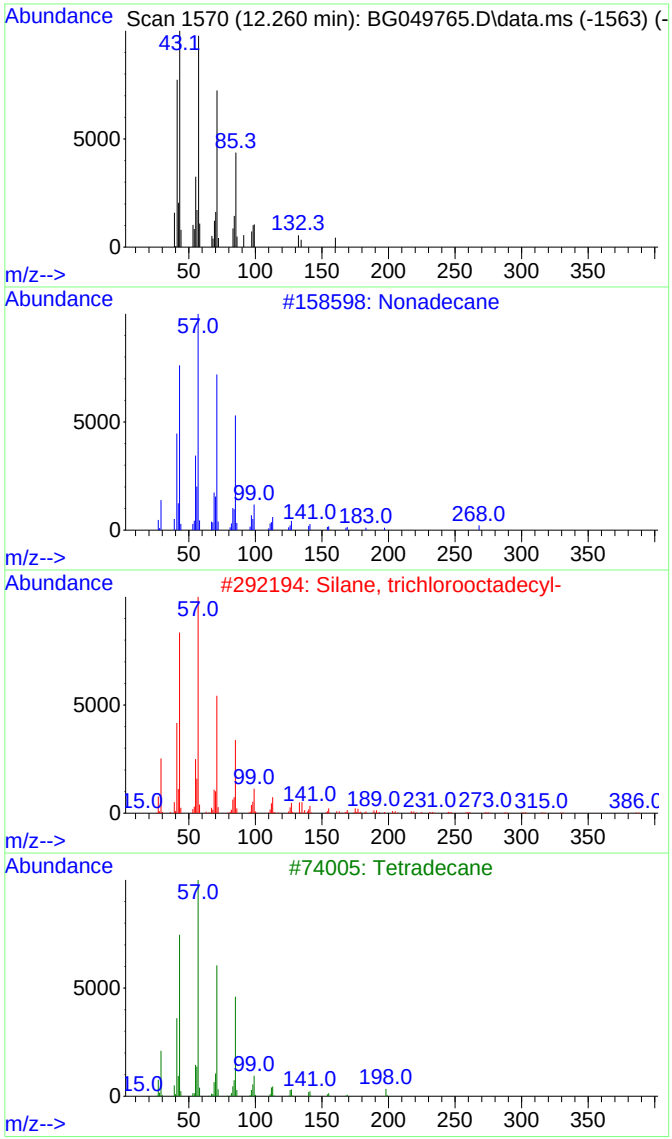
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

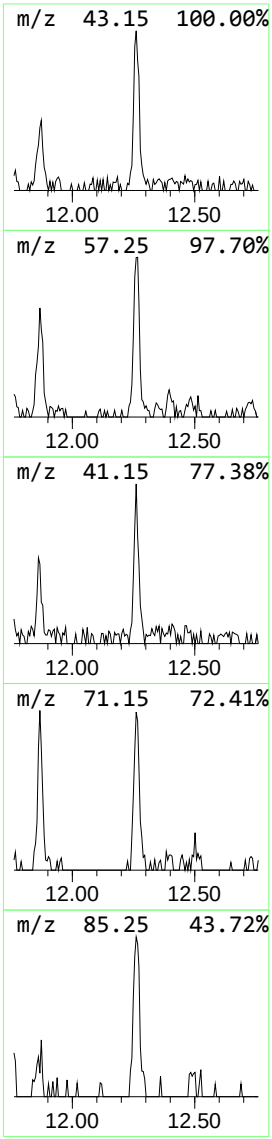
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.260	3.50 ng/ul	45835	Naphthalene-d8	10.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	72
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
3	Tetradecane	198	C14H30	000629-59-4	64
4	Pentacosane	352	C25H52	000629-99-2	59
5	Heneicosane	296	C21H44	000629-94-7	59





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Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

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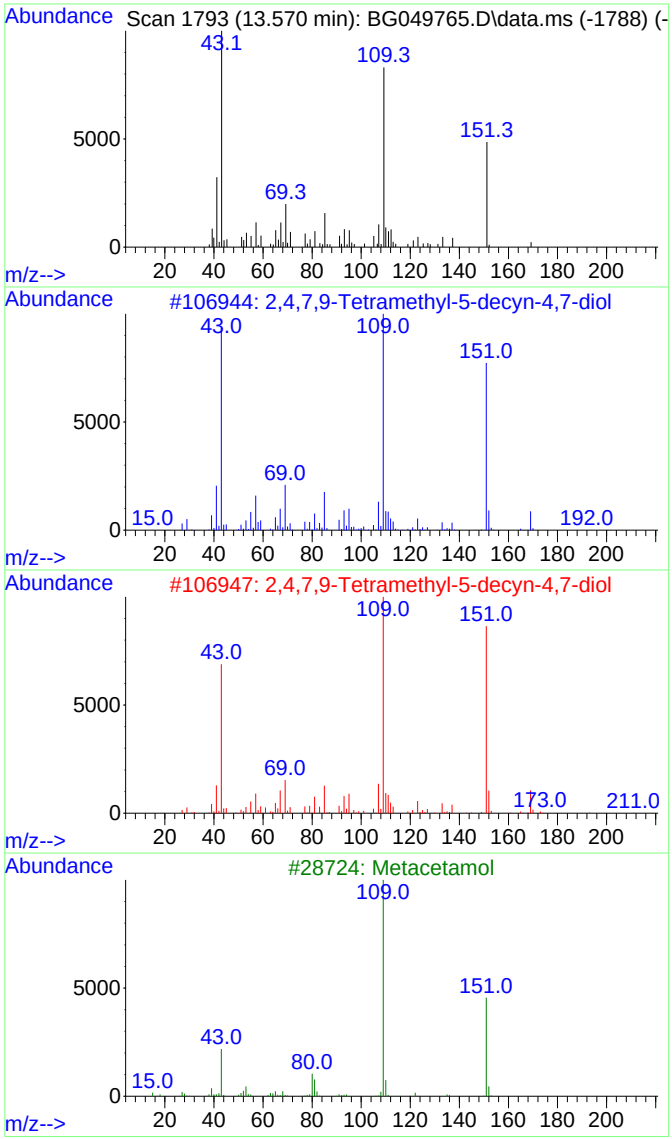
Quant Title : SVOA CALIBRATION

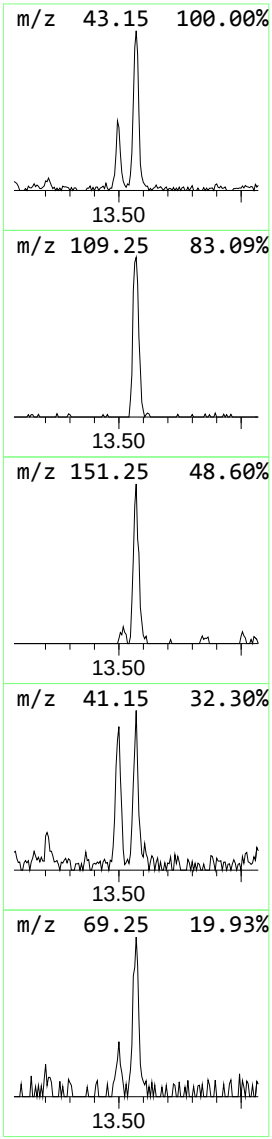
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.570	4.83 ng/ul	111642	Acenaphthene-d10	14.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	83
3	Metacetamol	151	C8H9NO2	000621-42-1	59
4	Acetamide, N-(2-hydroxyphenyl)-	151	C8H9NO2	000614-80-2	45
5	Acetaminophen	151	C8H9NO2	000103-90-2	45





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Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00D2

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

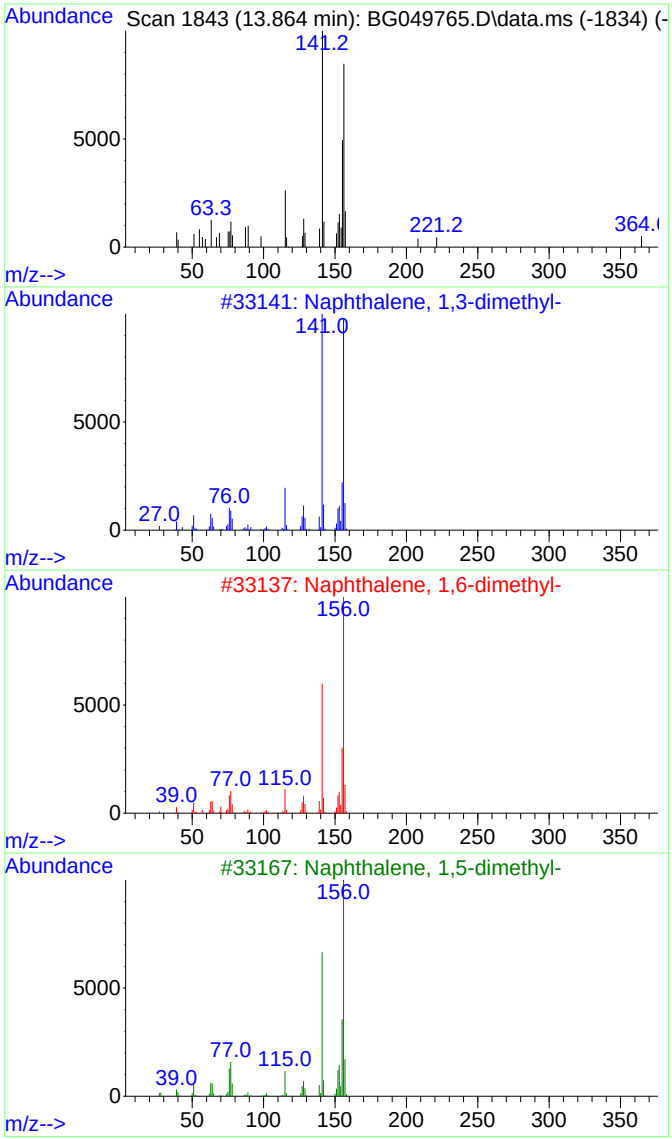
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

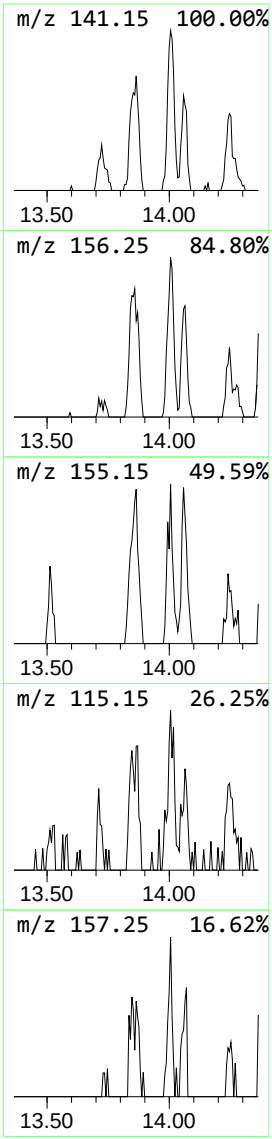
****

Peak Number 8 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.864	2.50 ng/ul	57658	Acenaphthene-d10	14.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	83





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Acq On : 10 Aug 2021 20:33
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00D2

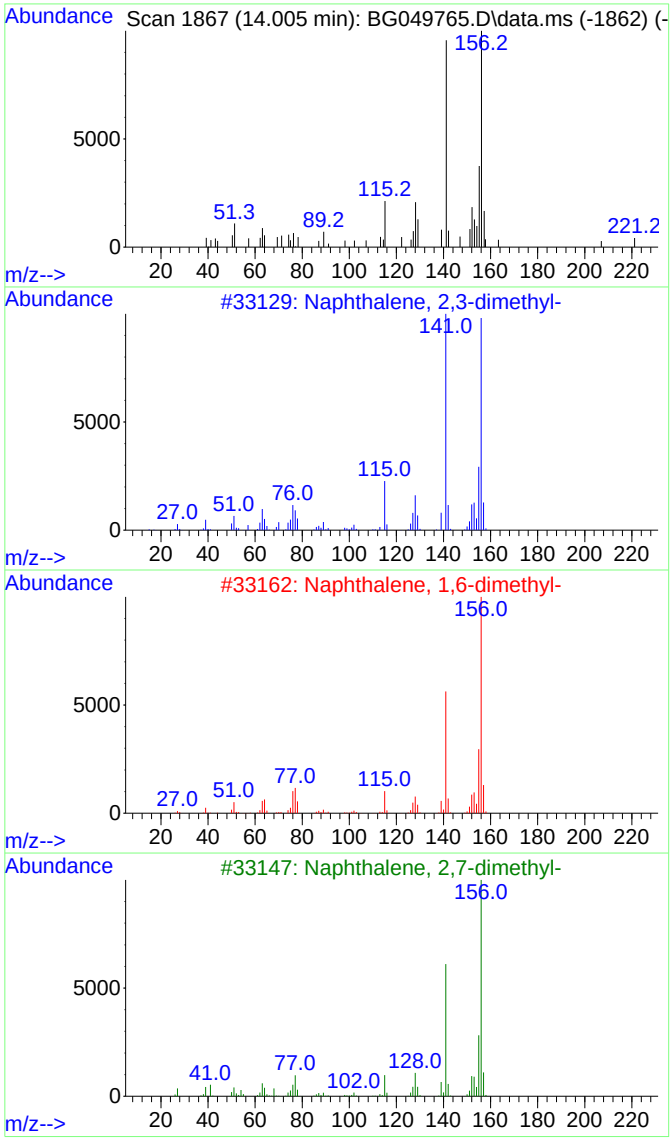
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

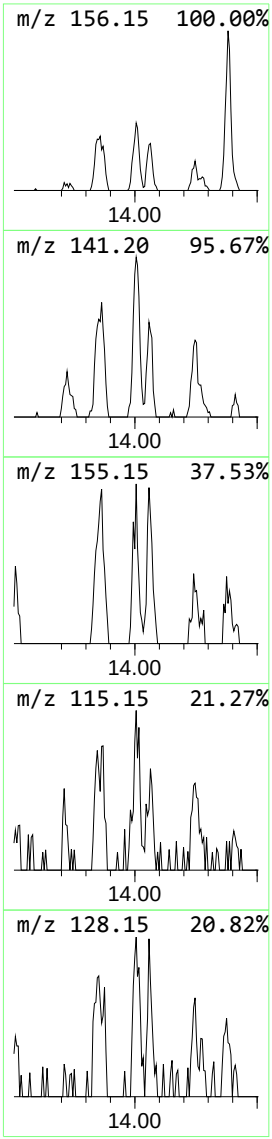
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	2.13 ng/ul	49130	Acenaphthene-d10	14.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90





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Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00D2

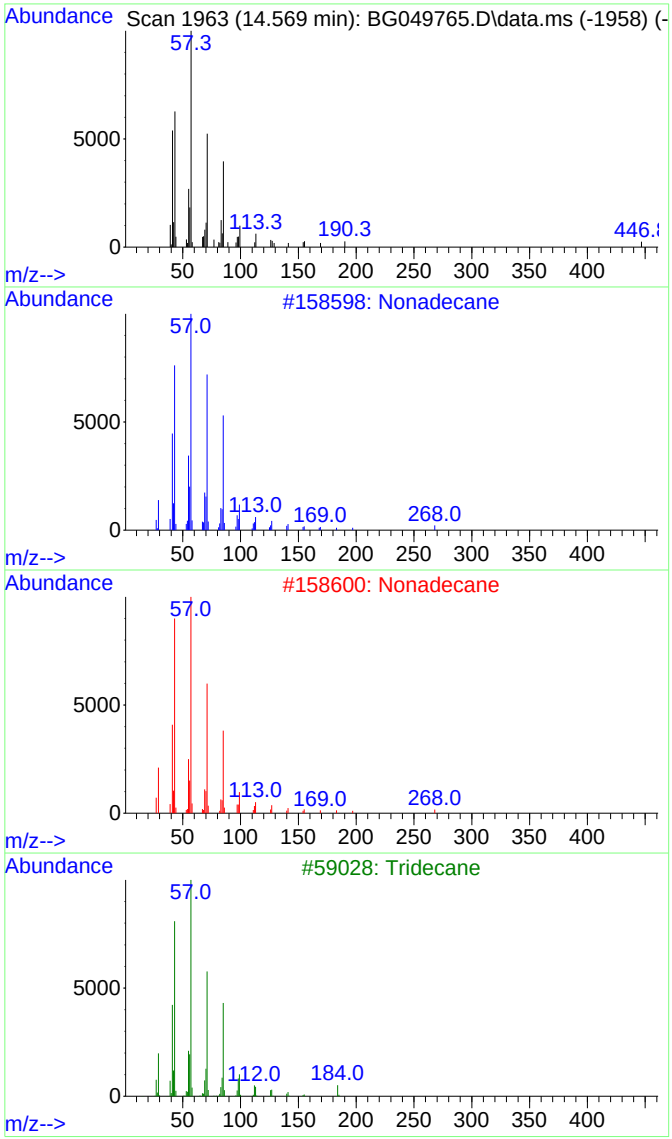
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

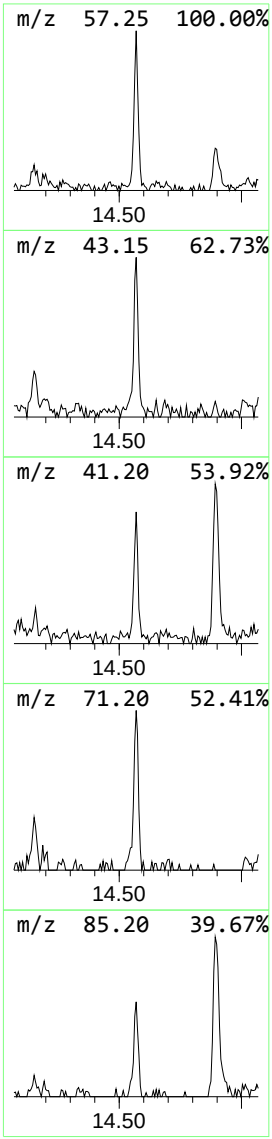
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.569	2.36 ng/ul	54481	Acenaphthene-d10	14.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Nonadecane	268	C19H40	000629-92-5	87
3	Tridecane	184	C13H28	000629-50-5	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tetradecane	198	C14H30	000629-59-4	80





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Acq On : 10 Aug 2021 20:33
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

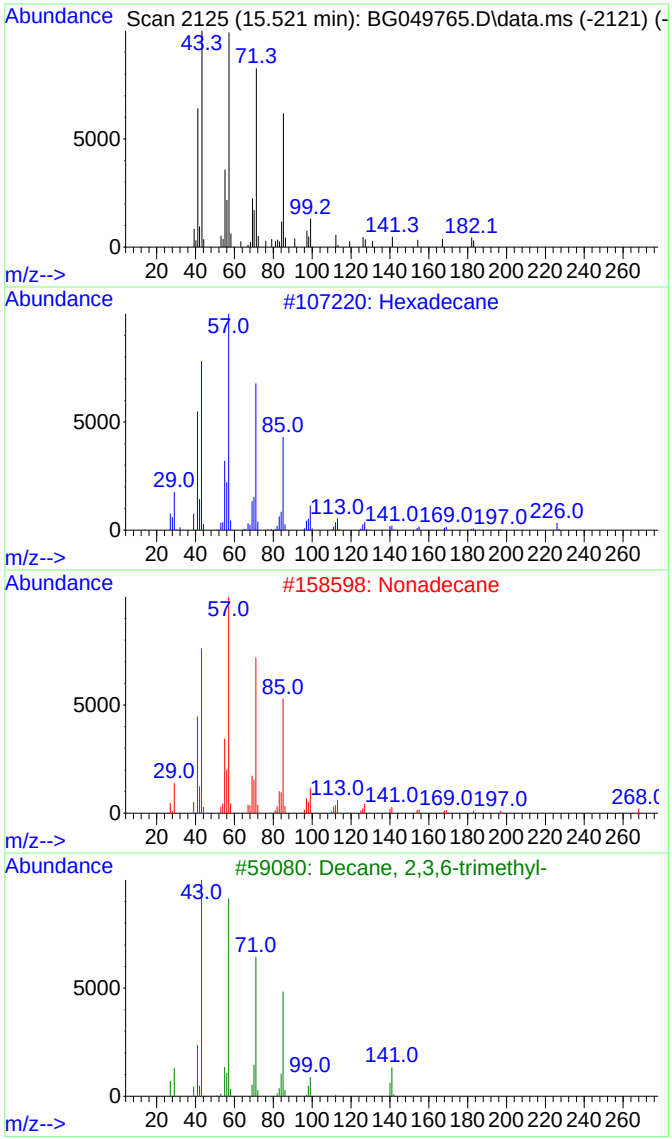
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

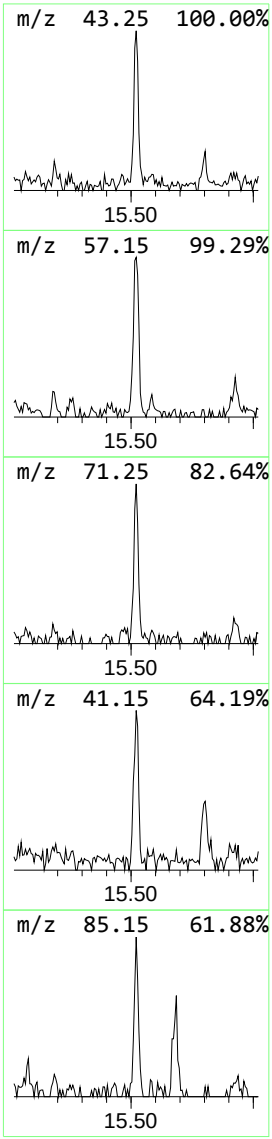
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.521	2.35 ng/ul	54376	Acenaphthene-d10	14.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Nonadecane	268	C19H40	000629-92-5	86
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80
4	4,4-Dipropylheptane	184	C13H28	017312-72-0	78
5	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	72





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Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

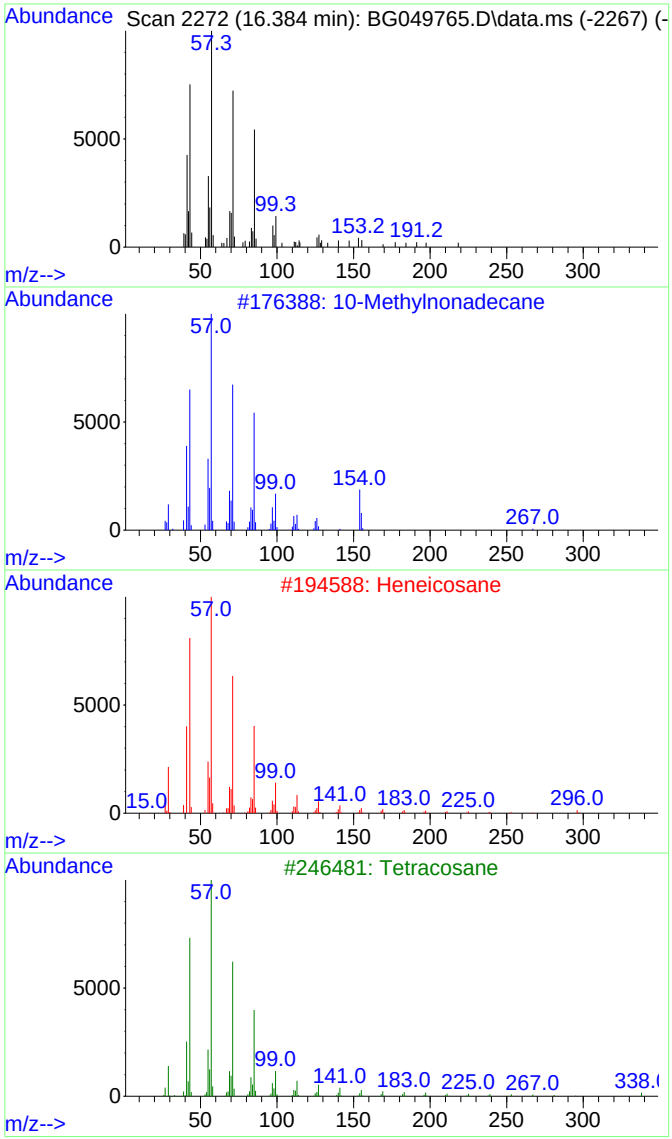
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

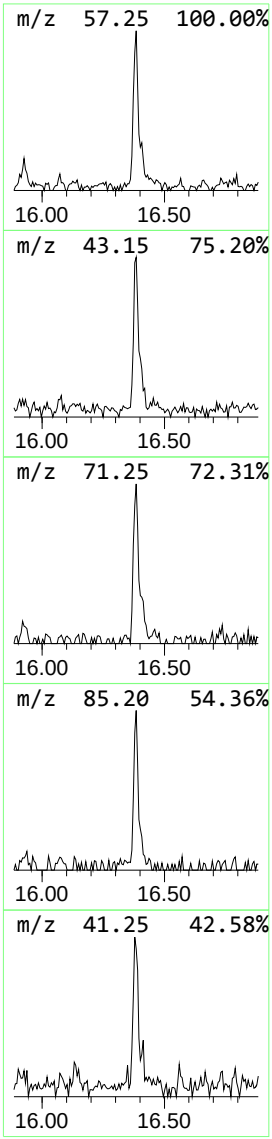
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.384	2.58 ng/ul	62978	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	87
2	Heneicosane	296	C21H44	000629-94-7	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
5	Tridecane	184	C13H28	000629-50-5	74





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Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

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

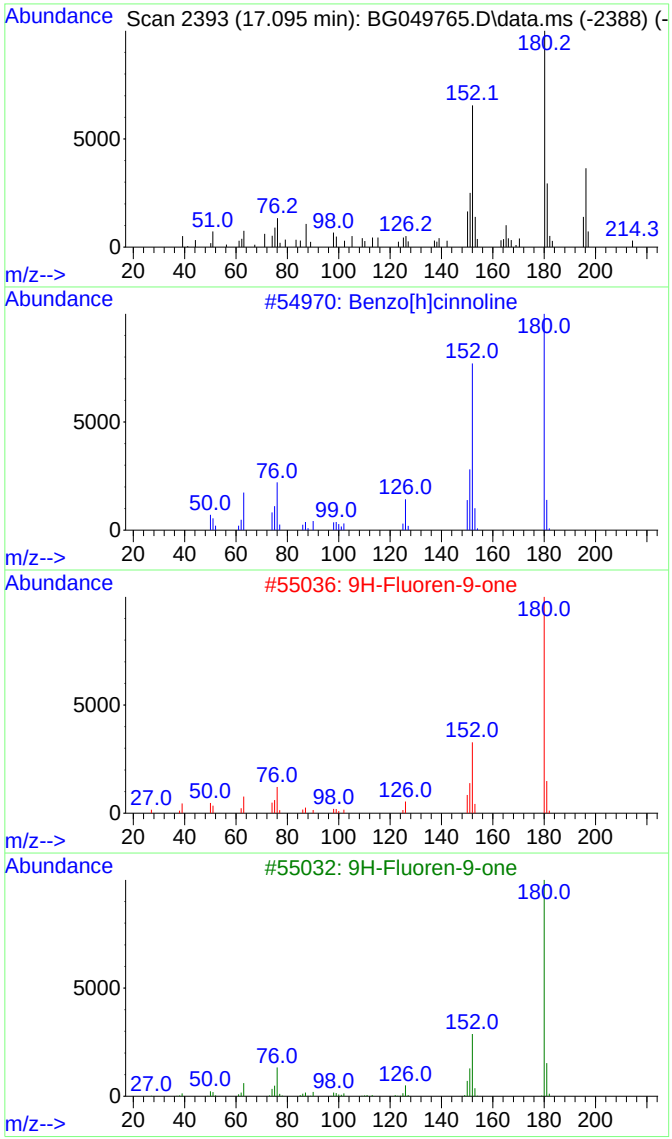
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

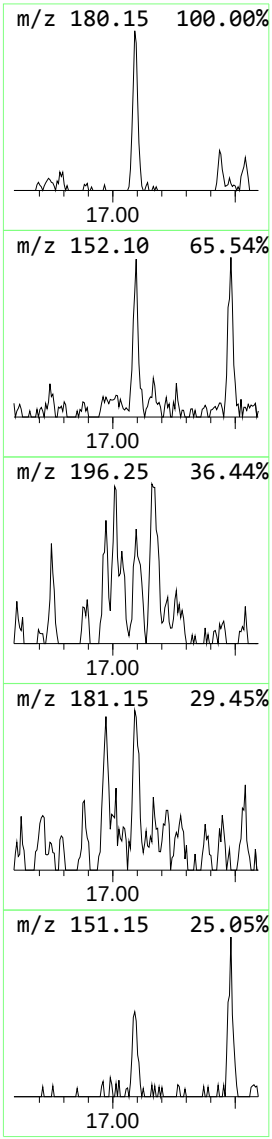
****

Peak Number 13 Benzo[h]cinnoline Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.095	2.33 ng/ul	56910	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	76
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	76
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	68
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	68
5	Acridine, 9,10-dihydro-	181	C13H11N	000092-81-9	64





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Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00D2

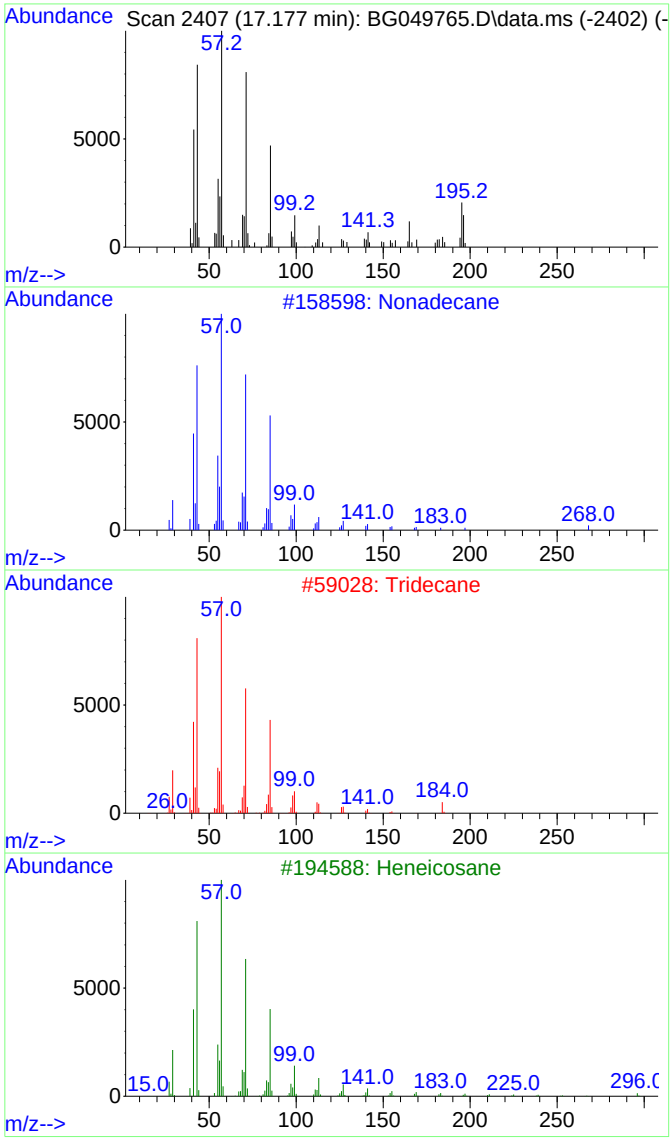
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

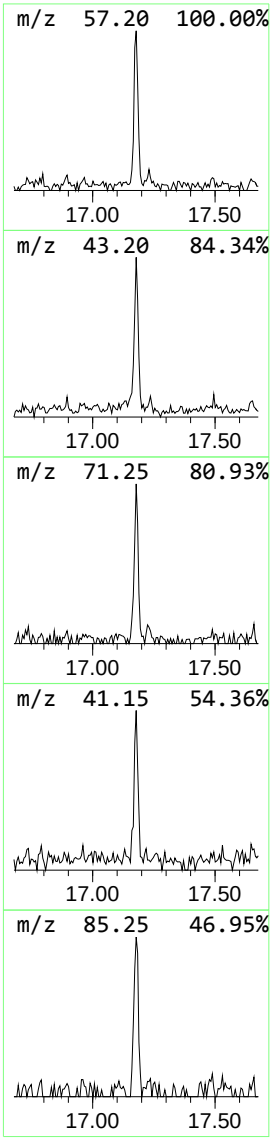
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.177	3.09 ng/ul	75612	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	68
2	Tridecane	184	C13H28	000629-50-5	68
3	Heneicosane	296	C21H44	000629-94-7	68
4	Nonadecane	268	C19H40	000629-92-5	64
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64





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Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

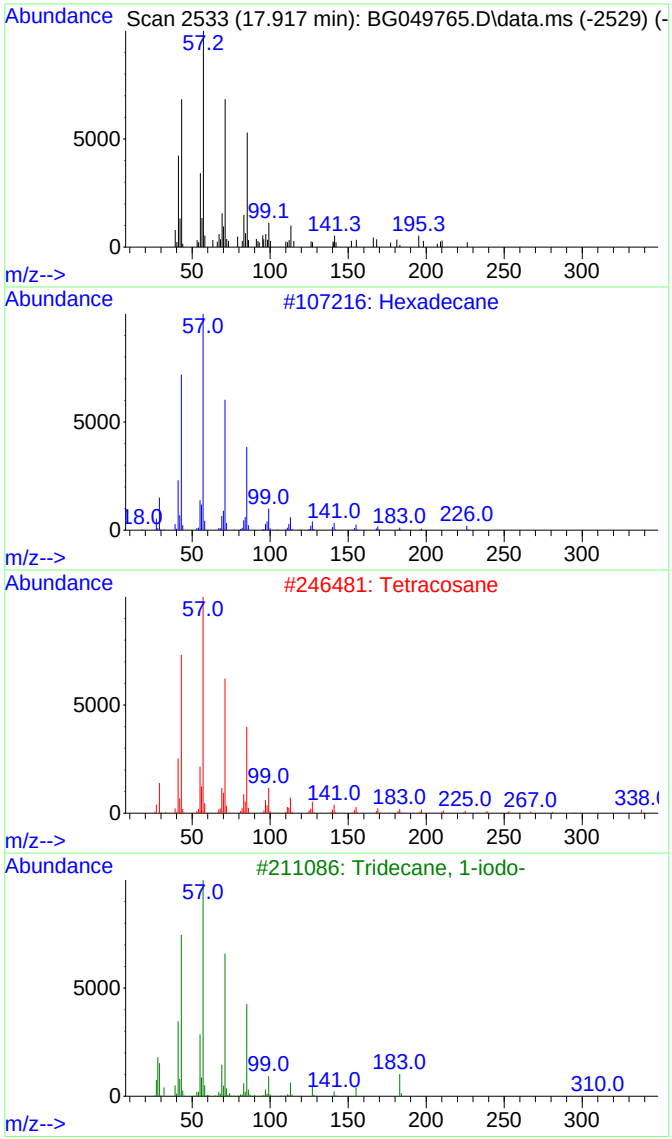
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

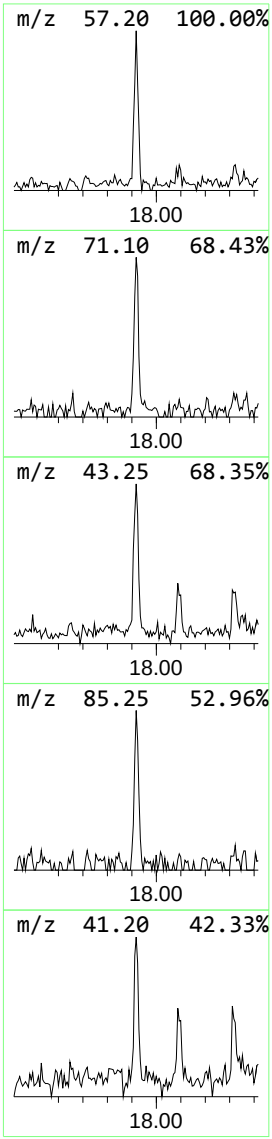
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.918	2.09 ng/ul	51197	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetracosane	338	C24H50	000646-31-1	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64





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Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

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

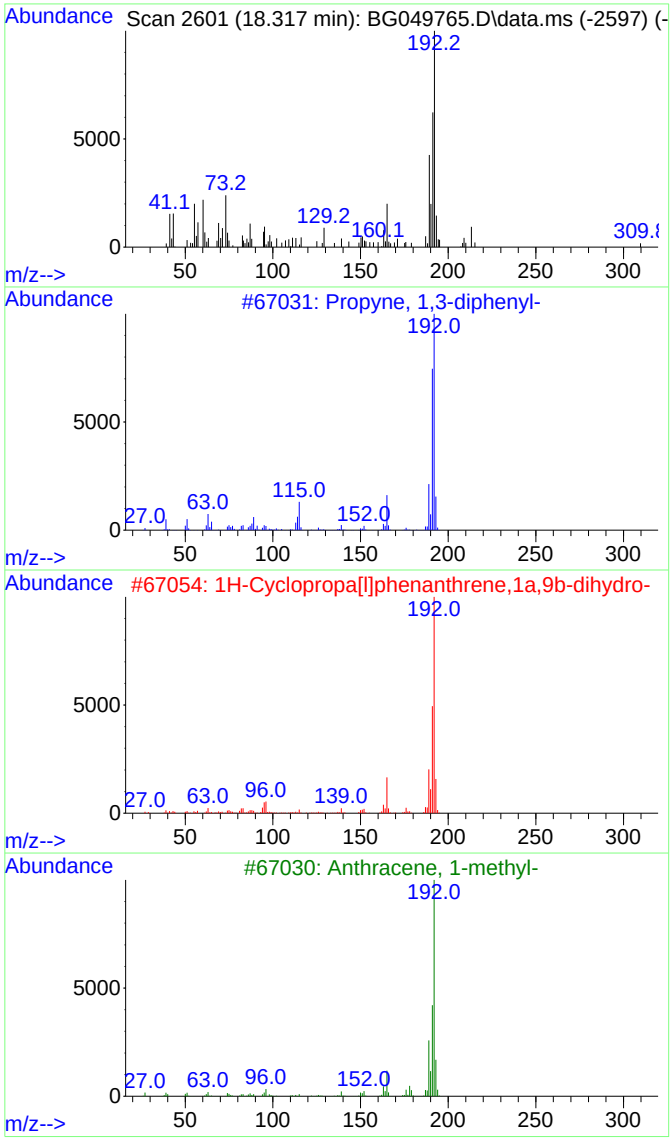
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

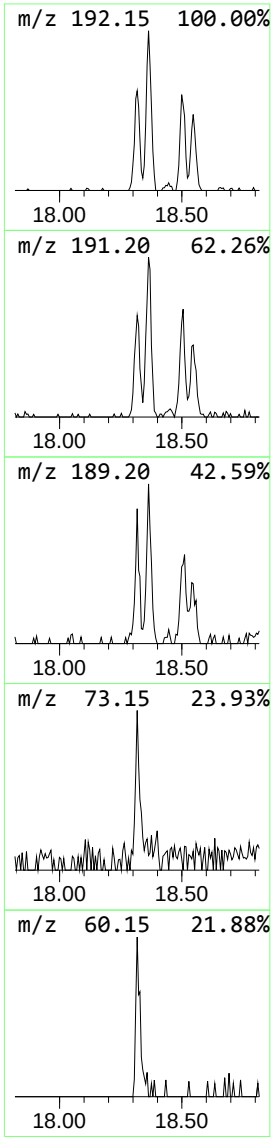
****

Peak Number 16 Propyne, 1,3-diphenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.317	3.11 ng/ul	76014	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	60
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	53
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	53





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Acq On : 10 Aug 2021 20:33
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

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

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

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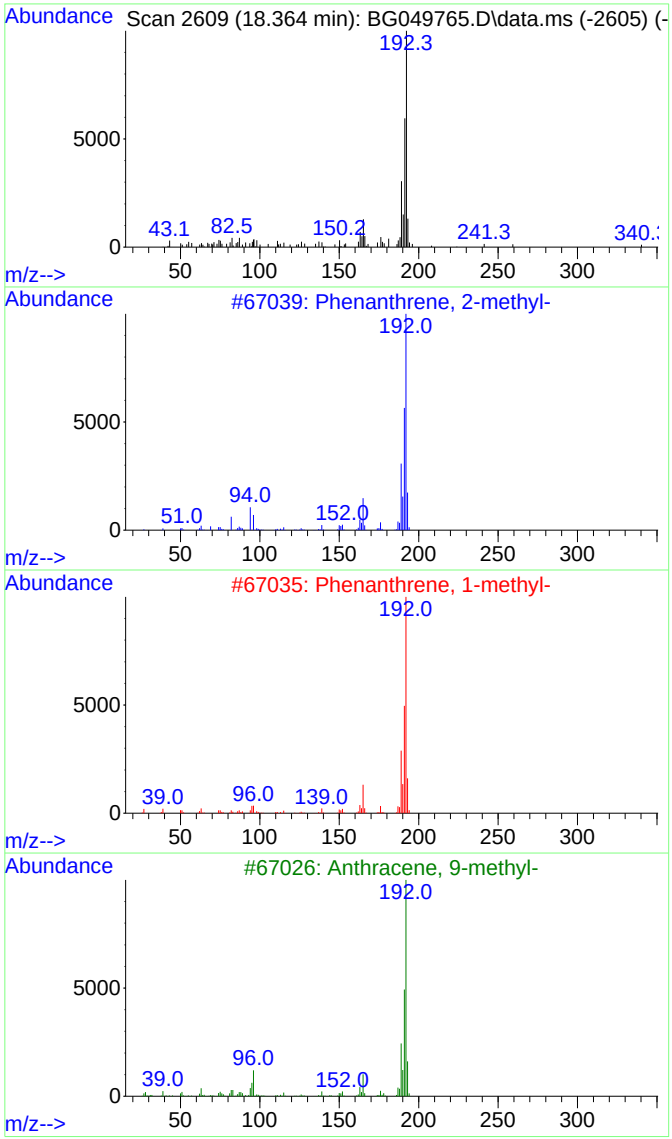
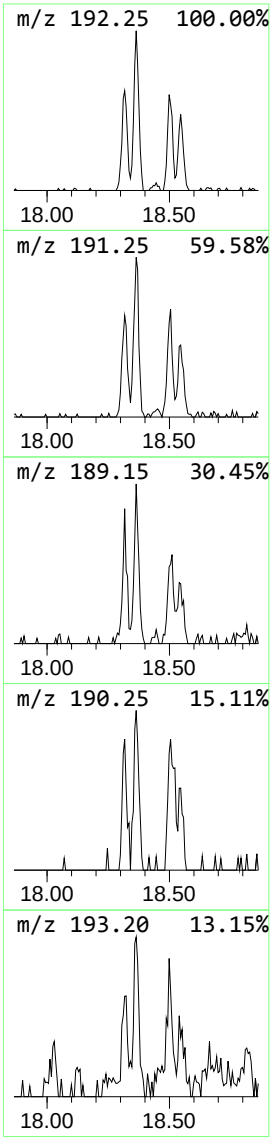
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.364	3.86 ng/ul	94486	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Data File : BG049765.D
Acq On : 10 Aug 2021 20:33
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

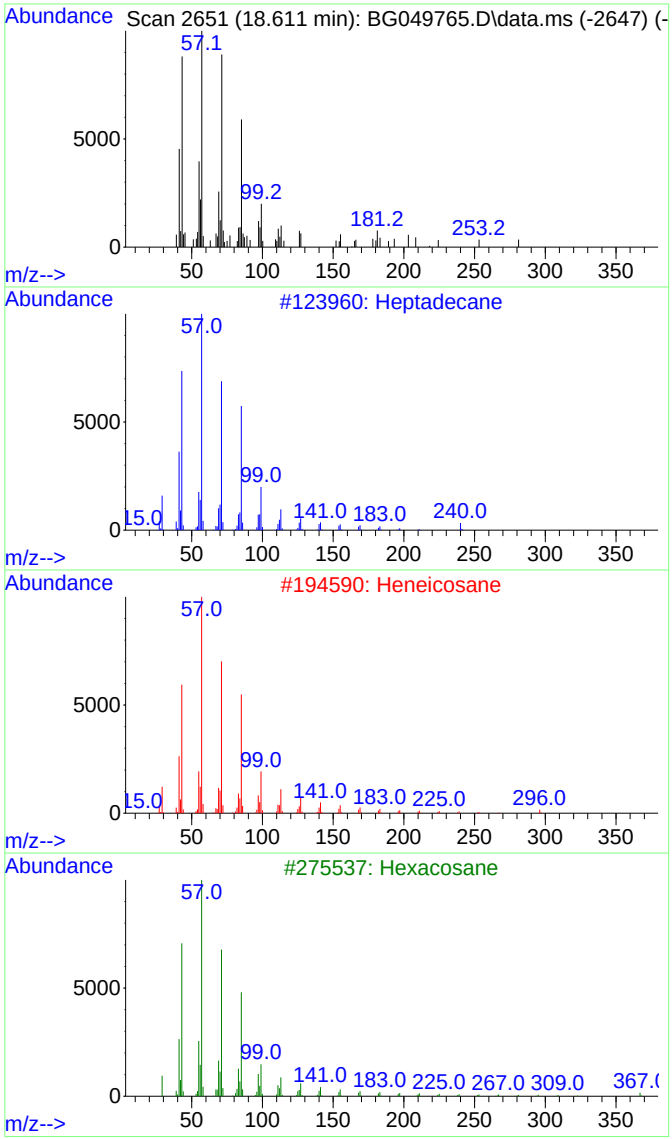
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

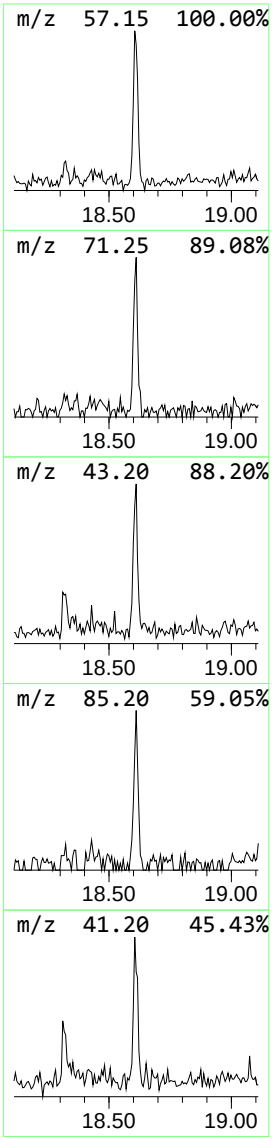
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.611	2.56 ng/ul	62648	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	86
5	Pentacosane	352	C25H52	000629-99-2	86





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Acq On : 10 Aug 2021 20:33
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

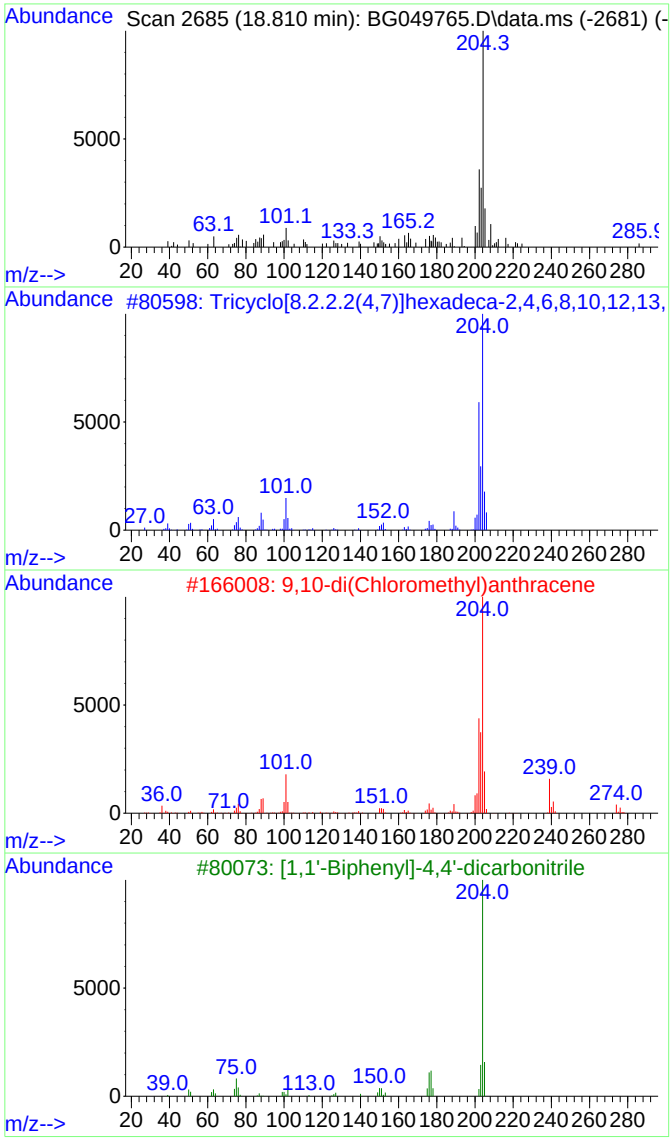
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

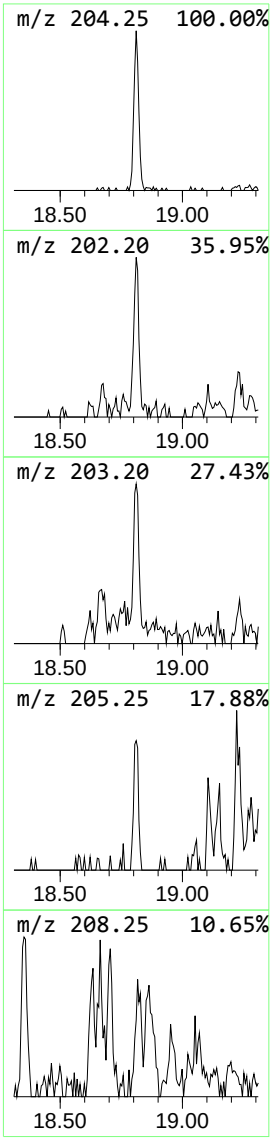
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	2.43 ng/ul	59414	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	64
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	60
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





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Data File : BG049765.D
Acq On : 10 Aug 2021 20:33
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

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

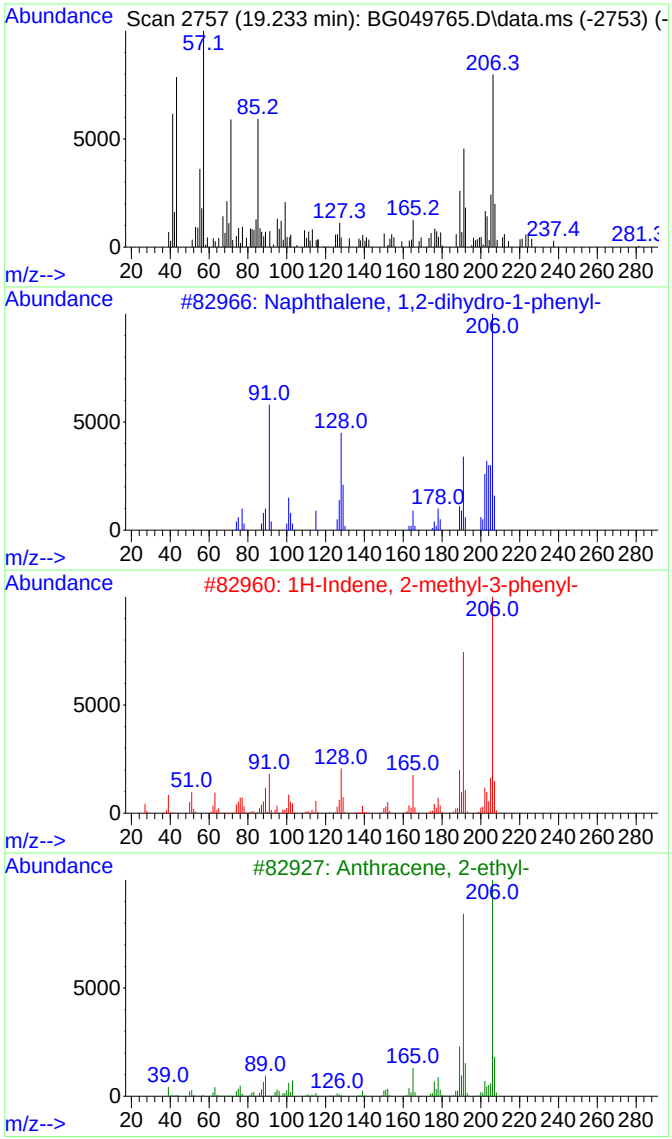
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

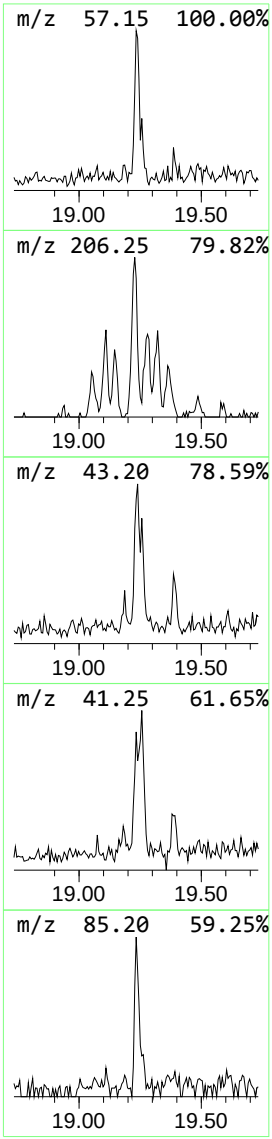
****

Peak Number 20 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	3.53 ng/ul	86349	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	46
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	45
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	45
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	43
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049765.D
Acq On : 10 Aug 2021 20:33
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D2

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.143	49.4	ng/ul	534563	1	8.037	216572	20.0
Benzene, 1,3-di...	5.652	3.5	ng/ul	37447	1	8.037	216572	20.0
(DEL) Alkane: S...	7.643	2.2	ng/ul	23863	1	8.037	216572	20.0
(DEL) Alkane: S...	9.259	2.5	ng/ul	27035	1	8.037	216572	20.0
Ethanol, 1-(2-b...	10.616	16.1	ng/ul	211376	2	10.856	262138	20.0
(DEL) Alkane: S...	12.260	3.5	ng/ul	45835	2	10.856	262138	20.0
2,4,7,9-Tetrame...	13.570	4.8	ng/ul	111642	3	14.687	461816	20.0
Naphthalene, 1,...	13.864	2.5	ng/ul	57658	3	14.687	461816	20.0
Naphthalene, 2,...	14.005	2.1	ng/ul	49130	3	14.687	461816	20.0
(DEL) Alkane: S...	14.569	2.4	ng/ul	54481	3	14.687	461816	20.0
(DEL) Alkane: S...	15.521	2.4	ng/ul	54376	3	14.687	461816	20.0
(DEL) Alkane: S...	16.384	2.6	ng/ul	62978	4	17.442	488971	20.0
Benzo[h]cinnoline	17.095	2.3	ng/ul	56910	4	17.442	488971	20.0
(DEL) Alkane: S...	17.177	3.1	ng/ul	75612	4	17.442	488971	20.0
(DEL) Alkane: S...	17.918	2.1	ng/ul	51197	4	17.442	488971	20.0
Propyne, 1,3-di...	18.317	3.1	ng/ul	76014	4	17.442	488971	20.0
Phenanthrene, 2...	18.364	3.9	ng/ul	94486	4	17.442	488971	20.0
(DEL) Alkane: S...	18.611	2.6	ng/ul	62648	4	17.442	488971	20.0
Tricyclo[8.2.2....	18.810	2.4	ng/ul	59414	4	17.442	488971	20.0
unknown-01	19.233	3.5	ng/ul	86349	4	17.442	488971	20.0