LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049487.D
Acq On : 26 Jul 2021 20:47
Operator : CG/JU
Sample : M3082-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0010

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-BG072421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049487.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	rBV	81743	166888	22.47%	2.370%
2	3.160	16	21	28	rVB	135269	202507	27.27%	2.876%
3	3.877	139	143	150	rBV3	8383	15368	2.07%	0.218%
4	3.971	155	159	164	rVB4	3575	5798	0.78%	0.082%
5	6.039	507	511	517	rBV2	8097	11023	1.48%	0.157%
6	6.908	654	659	663	rBV2	1689	3551	0.48%	0.050%
7	7.202	701	709	715	rBV2	46456	87820	11.83%	1.247%
8	7.366	728	737	745	rBV2	30513	55005	7.41%	0.781%
9	7.578	766	773	782	rBV2	45805	80843	10.89%	1.148%
10	7.666	782	788	791	rBV2	8984	13896	1.87%	0.197%
11	8.048	845	853	859	rBV2	94988	159194	21.44%	2.261%
12	8.694	958	963	967	rBV5	4150	7628	1.03%	0.108%
13	8.753	967	973	979	rVV2	50585	93293	12.56%	1.325%
14	8.882	990	995	1001	rVV3	3173	7196	0.97%	0.102%
15	8.941	1003	1005	1011	rVV	2818	3599	0.48%	0.051%
16	9.217	1046	1052	1058	rVV2	46623	84888	11.43%	1.206%
17	9.276	1058	1062	1068	rVB3	12333	18506	2.49%	0.263%
18	9.698	1129	1134	1137	rBV3	2576	3800	0.51%	0.054%
19	9.945	1168	1176	1187	rBV3	43819	83634	11.26%	1.188%
20	10.274	1227	1232	1234	rBV4	2998	4395	0.59%	0.062%
21	10.486	1262	1268	1278	rVV2	64114	112927	15.21%	1.604%
22	10.632	1287	1293	1298	rVV4	15264	23486	3.16%	0.334%
23	10.732	1304	1310	1316	rVB4	4761	9087	1.22%	0.129%
24	10.867	1319	1333	1339	rVV	129764	246228	33.16%	3.497%
25	10.914	1339	1341	1350	rVB2	7428	12629	1.70%	0.179%
26	11.003	1350	1356	1366	rBV2	42917	86688	11.67%	1.231%
27	11.567	1449	1452	1456	rBV4	2708	4313	0.58%	0.061%
28	11.884	1501	1506	1512	rVB3	8597	13814	1.86%	0.196%
29	12.277	1566	1573	1579	rBV4	12173	18760	2.53%	0.266%
30	12.524	1611	1615	1623	rVV2	7121	12223	1.65%	0.174%
31	12.741	1647	1652	1657	rVB2	5778	8690	1.17%	0.123%
32	13.223	1728	1734	1742	rVV4	4776	8432	1.14%	0.120%
33	13.511	1778	1783	1790	rVB4	15321	26700	3.60%	0.379%
34	13.863	1838	1843	1849	rBV4	4789	9813	1.32%	0.139%
35	13.934	1852	1855	1858	rBV2	5390	7263	0.98%	0.103%
36	14.016	1864	1869	1873	rBV4	8646	13335	1.80%	0.189%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3082-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0010

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-BG072421.M
Title : SVOA CALIBRATION

37	14.093	1874	1882	1891	rVV	123335	200364	26.98%	2.846%
38	14.163	1891	1894	1899	rVV2	6884	9353	1.26%	0.133%
39	14.257	1906	1910	1913	rBV3	2786	4850	0.65%	0.069%
40	14.392	1926	1933	1944	rVB	129578	208101	28.02%	2.955%
41	14.580	1962	1965	1973	rVB3	18323	24728	3.33%	0.351%
42	14.698	1973	1985	1991	rBV	224125	357562	48.15%	5.078%
43	14.827	2003	2007	2013	rVB3	12358	17127	2.31%	0.243%
44	14.891	2013	2018	2021	rBV4	42609	73145	9.85%	1.039%
45	14.944	2021	2027	2043	rVV	431916	742576	100.00%	10.546%
46	15.044	2043	2044	2047	rVV2	8803	8876	1.20%	0.126%
47	15.097	2049	2053	2058	rVV5	14395	26645	3.59%	0.378%
48	15.162	2062	2064	2069	rVV4	7137	11712	1.58%	0.166%
49	15.215	2069	2073	2076	rVV5	3822	7552	1.02%	0.107%
50	15.262	2078	2081	2086	rVV3	2194	4657	0.63%	0.066%
51	15.309	2086	2089	2094	rVV3	6582	11340	1.53%	0.161%
52	15.361	2094	2098	2103	rVV3	7568	12029	1.62%	0.171%
53	15.414	2105	2107	2112	rBV2	2321	4151	0.56%	0.059%
54	15.485	2112	2119	2123	rVV2	7907	14031	1.89%	0.199%
55	15.532	2123	2127	2133	rVB2	21043	30695	4.13%	0.436%
56	15.690	2145	2154	2160	rBV	176077	281364	37.89%	3.996%
57	15.737	2160	2162	2165	rVV3	5850	7512	1.01%	0.107%
58	15.802	2167	2173	2181	rVB2	41334	70391	9.48%	1.000%
59	15.914	2186	2192	2193	rBV4	3502	4234	0.57%	0.060%
60	15.943	2193	2197	2204	rVB6	5449	11124	1.50%	0.158%
61	16.037	2207	2213	2220	rBV6	7327	13677	1.84%	0.194%
62	16.149	2230	2232	2236	rBV2	4230	4525	0.61%	0.064%
63	16.190	2236	2239	2245	rVB5	6832	10101	1.36%	0.143%
64	16.266	2251	2252	2258	rVB2	4409	4769	0.64%	0.068%
65	16.331	2260	2263	2268	rVB4	4767	4985	0.67%	0.071%
66	16.395	2268	2274	2277	rBV	24151	36951	4.98%	0.525%
67	16.548	2298	2300	2304	rBV3	2905	3824	0.51%	0.054%
68	16.748	2327	2334	2339	rBV7	6792	15927	2.14%	0.226%
69	16.801	2339	2343	2346	rVV3	4430	6541	0.88%	0.093%
70	16.900	2357	2360	2364	rVB4	5902	6956	0.94%	0.099%
71	16.977	2368	2373	2376	rBV5	8167	13276	1.79%	0.189%
72	17.012	2376	2379	2384	rBV5	4266	6256	0.84%	0.089%
73	17.100	2390	2394	2401	rBV2	14105	25132	3.38%	0.357%
74	17.188	2401	2409	2413	rVV3	31806	54442	7.33%	0.773%
75	17.224	2413	2415	2416	rVV2	4616	4531	0.61%	0.064%
76	17.271	2420	2423	2430	rVB4	8405	14557	1.96%	0.207%

LSC Area Percent Report

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Data File : BG049487.D
Acq On : 26 Jul 2021 20:47
Operator : CG/JU
Sample : M3082-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0010

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Title : SVOA CALIBRATION

77	17.329	2430	2433	2437	rBV3	4517	7123	0.96%	0.101%
78	17.447	2447	2453	2457	rBV	278204	426855	57.48%	6.062%
79	17.488	2457	2460	2465	rVV	67445	94723	12.76%	1.345%
80	17.547	2465	2470	2479	rVB2	184559	300806	40.51%	4.272%
81	17.764	2504	2507	2510	rVB3	9151	11776	1.59%	0.167%
82	17.846	2518	2521	2522	rVV3	6718	7099	0.96%	0.101%
83	17.929	2532	2535	2539	rVV2	26230	33666	4.53%	0.478%
84	18.028	2550	2552	2556	rVB4	12290	11453	1.54%	0.163%
85	18.328	2598	2603	2606	rBV3	45153	64328	8.66%	0.914%
86	18.369	2607	2610	2618	rVB2	38138	59988	8.08%	0.852%
87	18.510	2630	2634	2638	rBV4	23983	37091	4.99%	0.527%
88	18.551	2639	2641	2647	rVB2	18503	24480	3.30%	0.348%
89	18.622	2649	2653	2657	rBV3	30859	38793	5.22%	0.551%
90	18.710	2665	2668	2673	rVB6	9790	14981	2.02%	0.213%
91	18.821	2683	2687	2691	rVB3	22710	30927	4.16%	0.439%
92	19.062	2725	2728	2733	rVB7	10524	16459	2.22%	0.234%
93	19.244	2754	2759	2763	rVB3	37936	61419	8.27%	0.872%
94	19.285	2764	2766	2770	rVB5	9564	7055	0.95%	0.100%
95	19.497	2798	2802	2808	rVB	101826	147064	19.80%	2.089%
96	19.832	2854	2859	2863	rBV2	222401	367357	49.47%	5.217%
97	20.349	2944	2947	2954	rVB3	43268	65438	8.81%	0.929%
98	21.729	3175	3182	3188	rBV	251633	474634	63.92%	6.741%
99	24.772	3695	3700	3709	rVB2	77720	200885	27.05%	2.853%
100	25.007	3732	3740	3749	rVB2	152720	443225	59.69%	6.295%

Sum of corrected areas: 7041414

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
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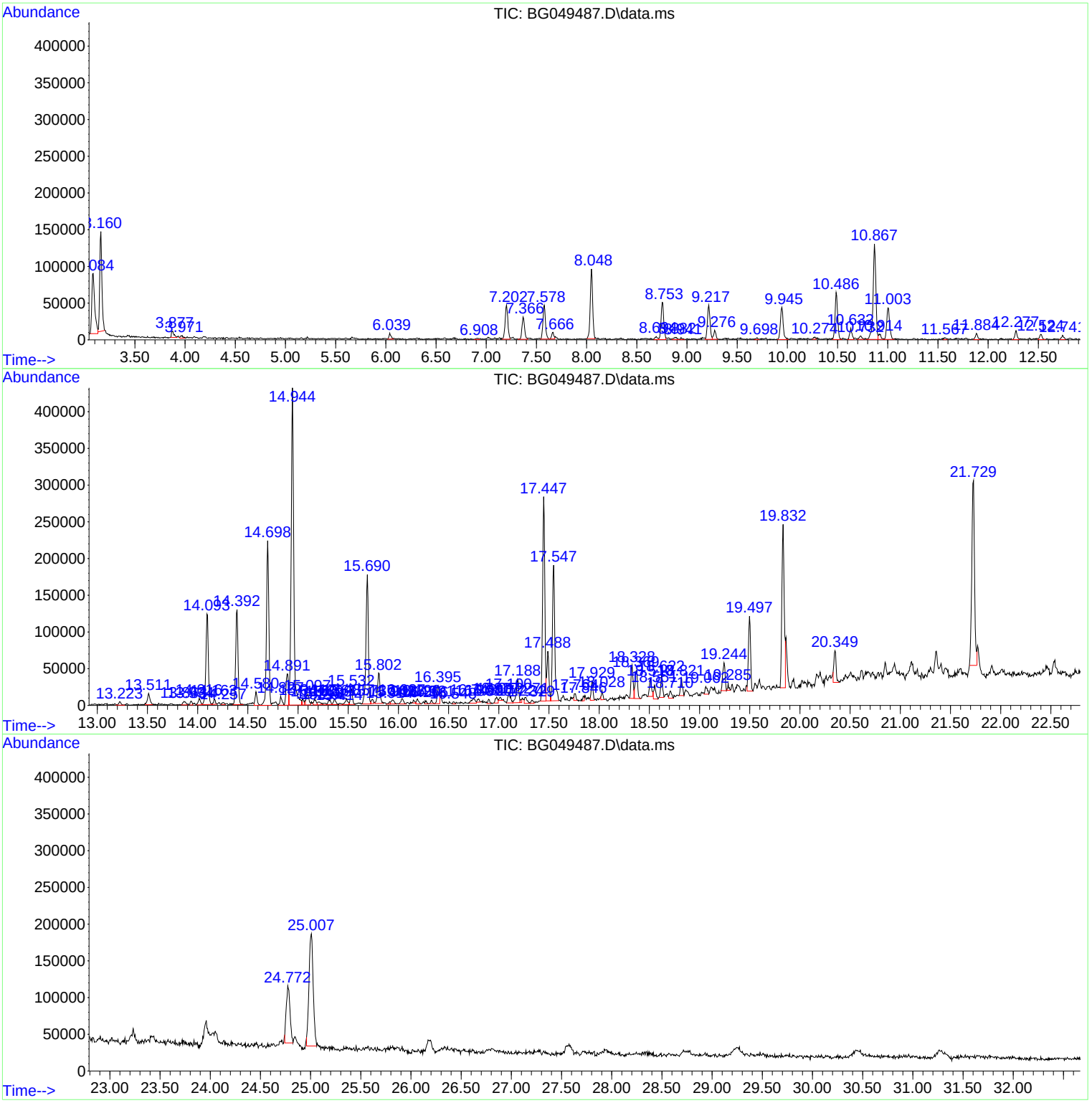
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049487.D
Acq On : 26 Jul 2021 20:47
Operator : CG/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : C0010

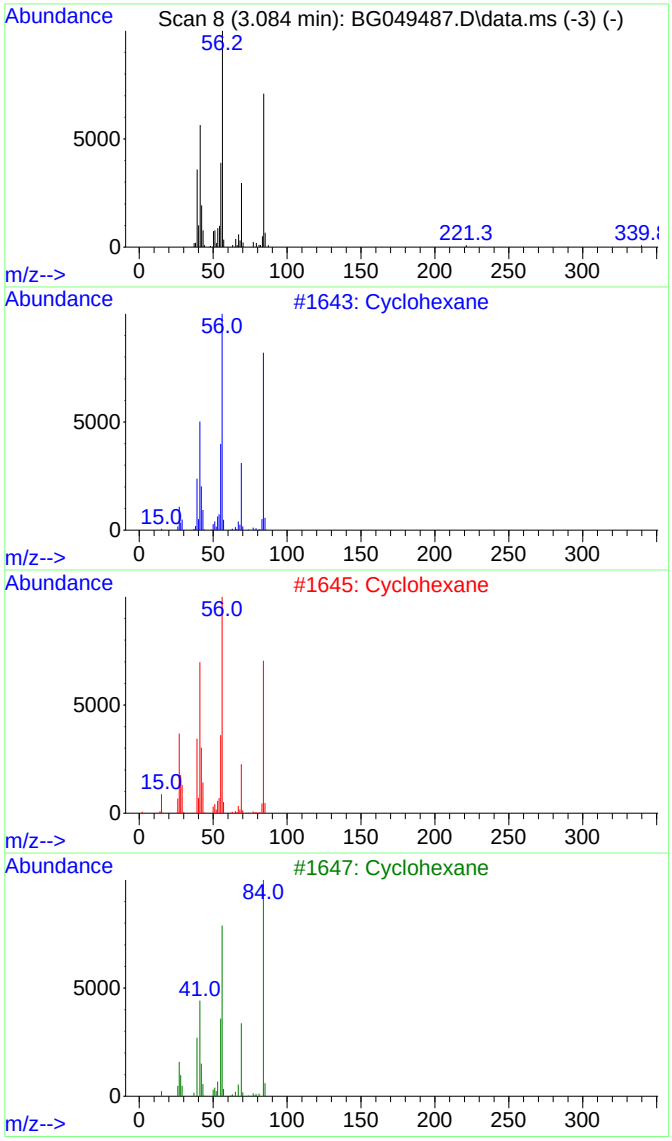
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

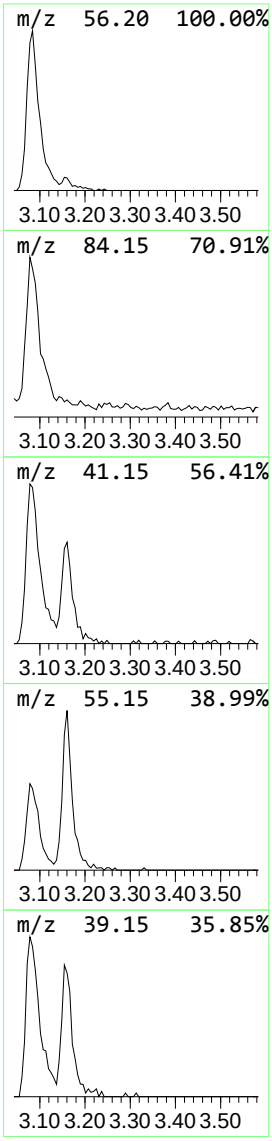
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.084 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.084	20.97 ng/ul	166888	1,4-Dichlorobenzene-d4	8.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	87
4	Cyclohexane	84	C6H12	000110-82-7	86
5	Cyclohexane	84	C6H12	000110-82-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049487.D
Acq On : 26 Jul 2021 20:47
Operator : CG/JU
Sample : M3082-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0010

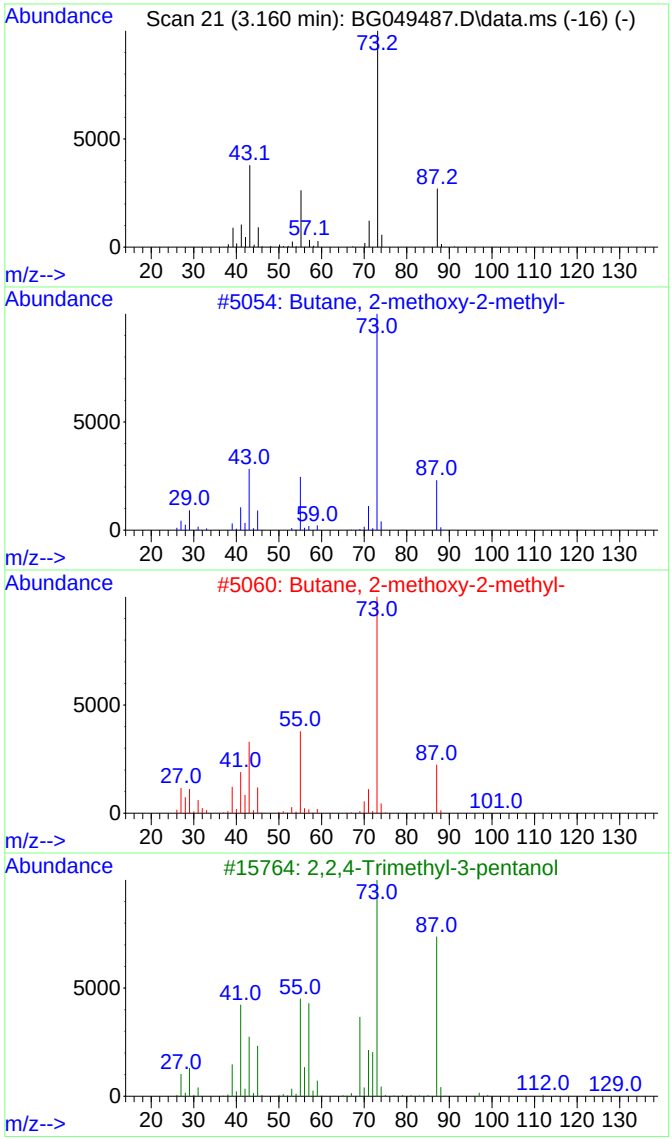
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

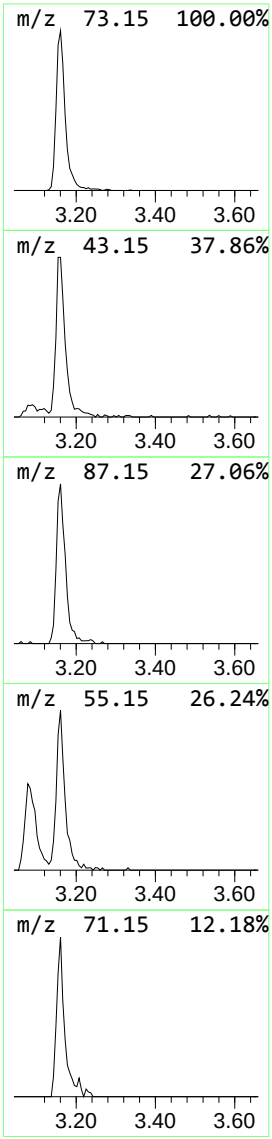
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.160	25.44 ng/ul	202507	1,4-Dichlorobenzene-d4	8.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23





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Sample : M3082-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0010

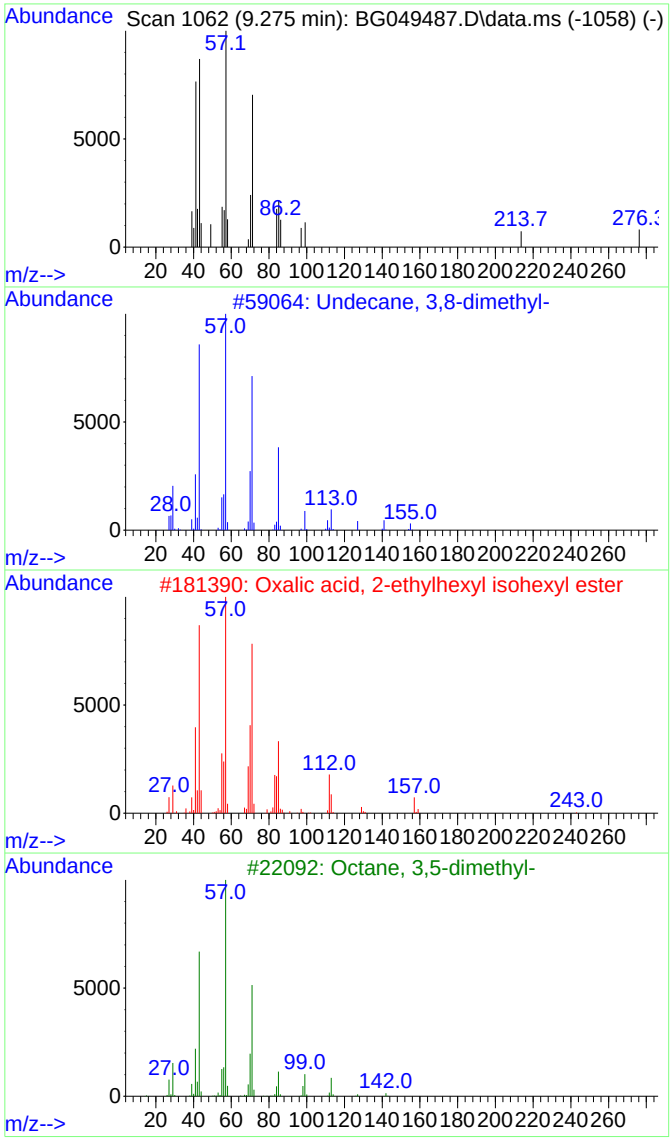
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

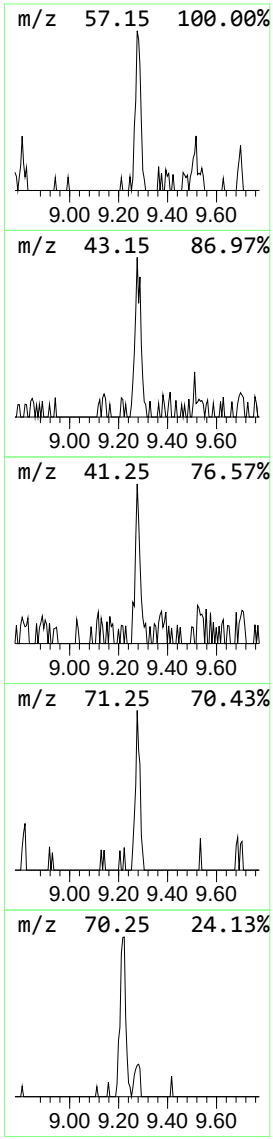
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	2.32 ng/ul	18506	1,4-Dichlorobenzene-d4	8.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	53
2	Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	53
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53
4	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	50
5	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049487.D
Acq On : 26 Jul 2021 20:47
Operator : CG/JU
Sample : M3082-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0010

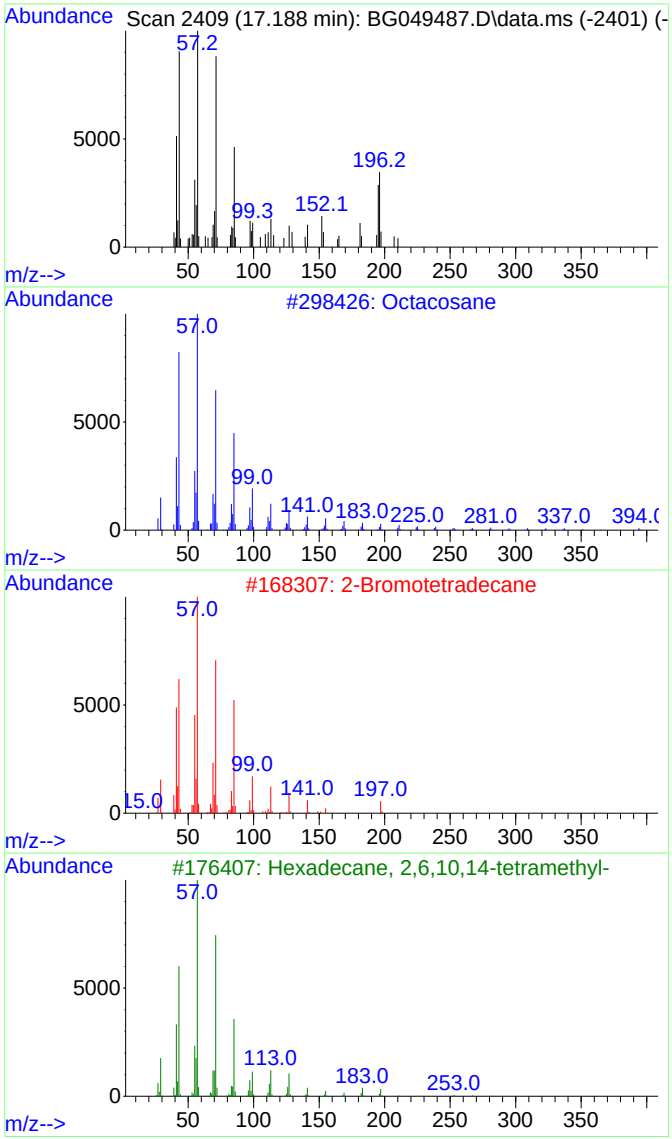
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

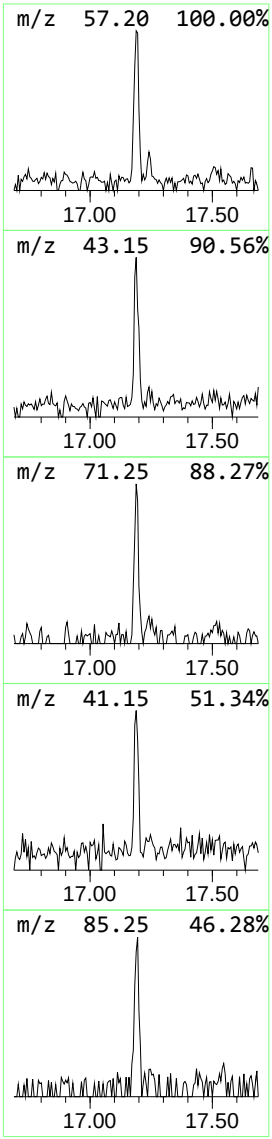
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.188	2.55 ng/ul	54442	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	58
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	52
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52
4	Tritetracontane	605	C43H88	007098-21-7	52
5	Hexacosane	366	C26H54	000630-01-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049487.D
Acq On : 26 Jul 2021 20:47
Operator : CG/JU
Sample : M3082-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

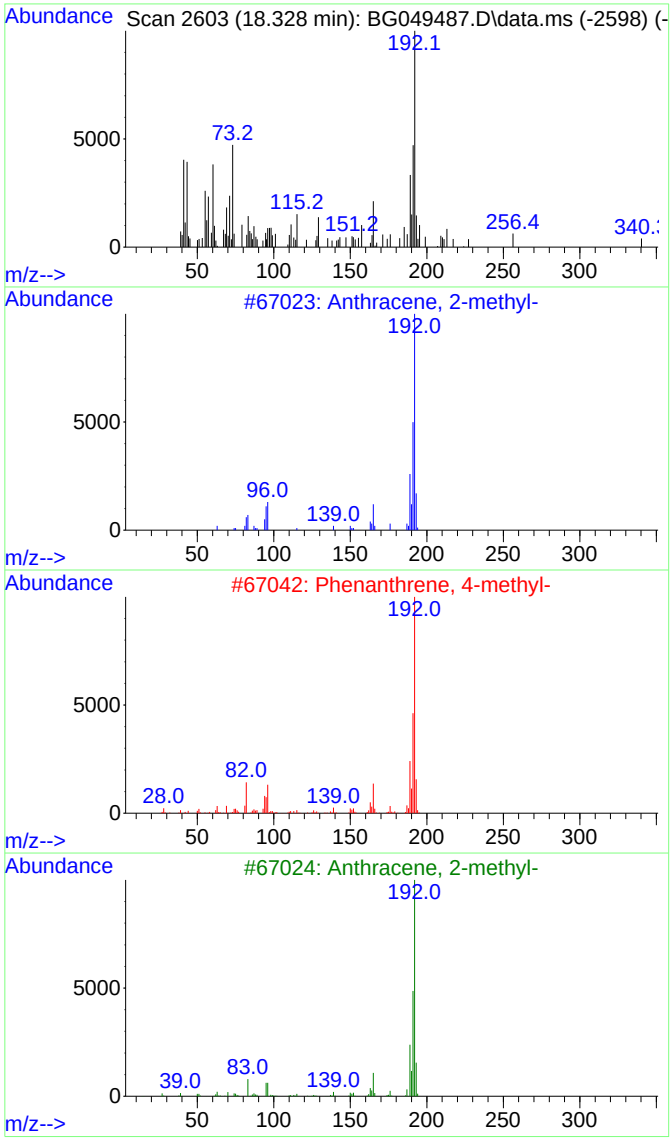
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

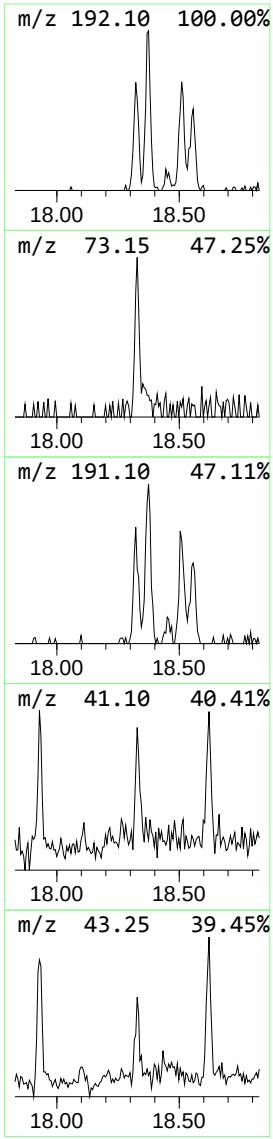
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	3.01 ng/ul	64328	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	64





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Data File : BG049487.D
Acq On : 26 Jul 2021 20:47
Operator : CG/JU
Sample : M3082-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0010

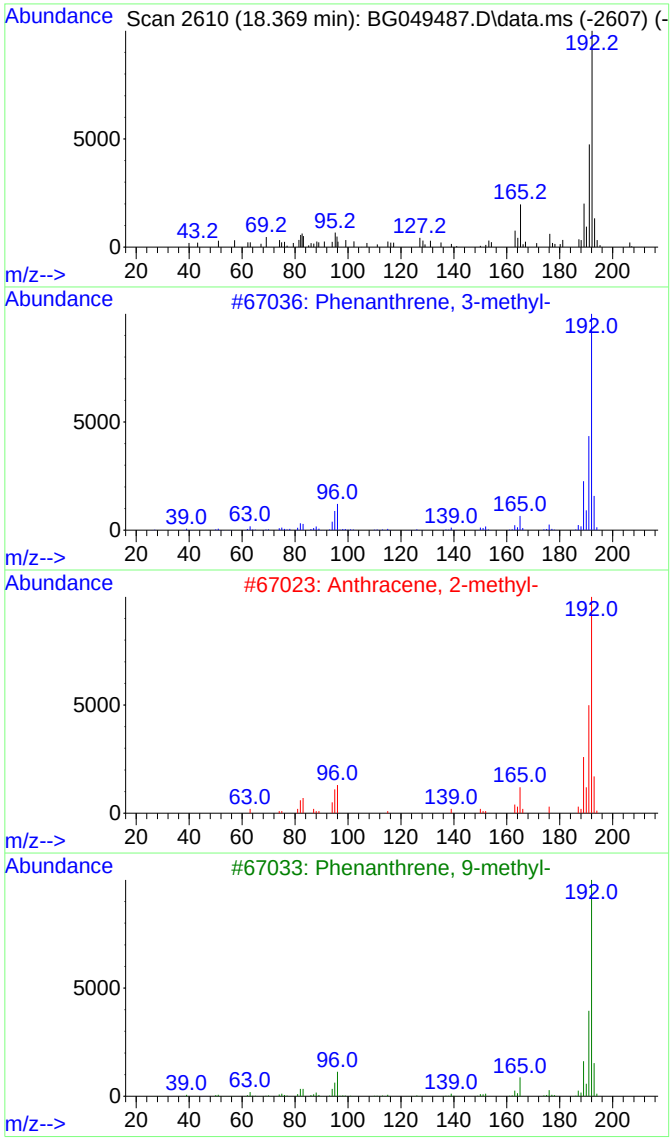
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

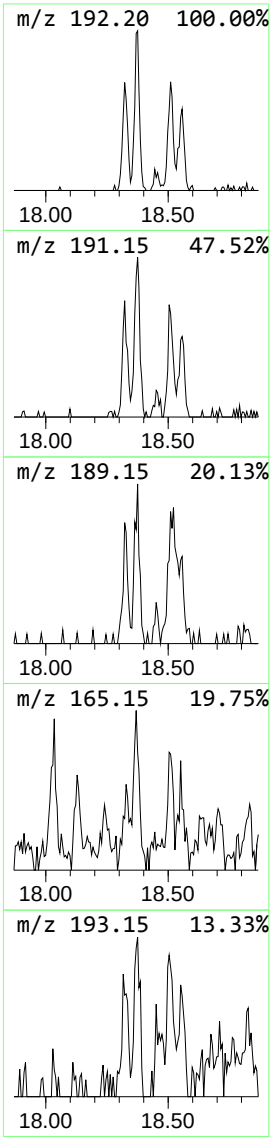
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	2.81 ng/ul	59988	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Data File : BG049487.D
Acq On : 26 Jul 2021 20:47
Operator : CG/JU
Sample : M3082-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0010

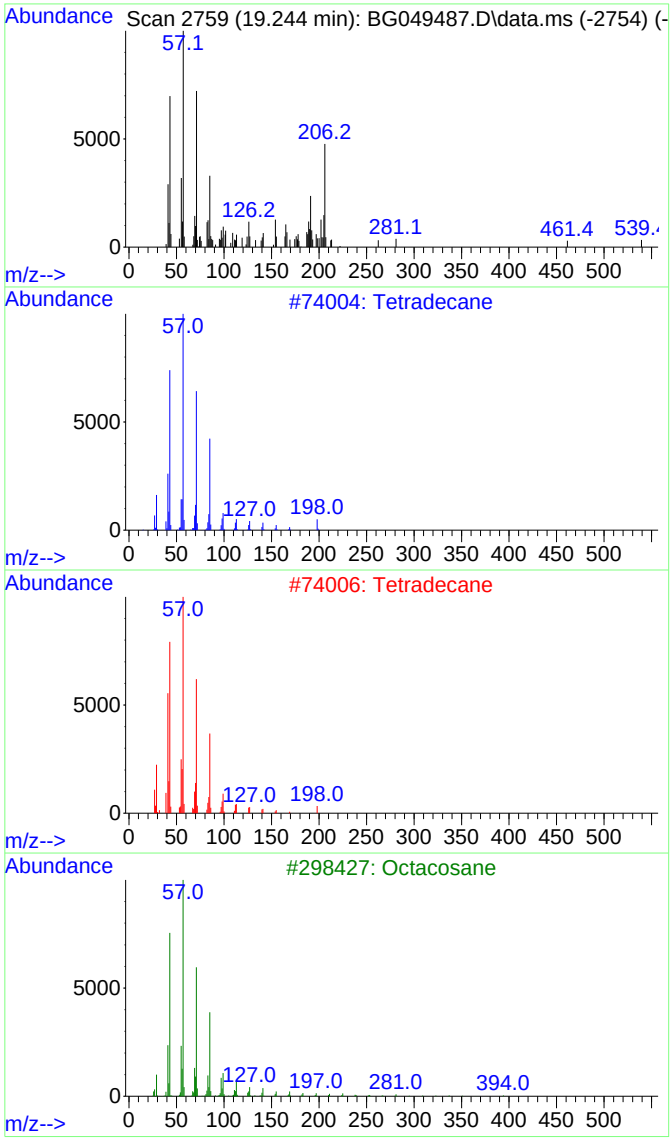
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

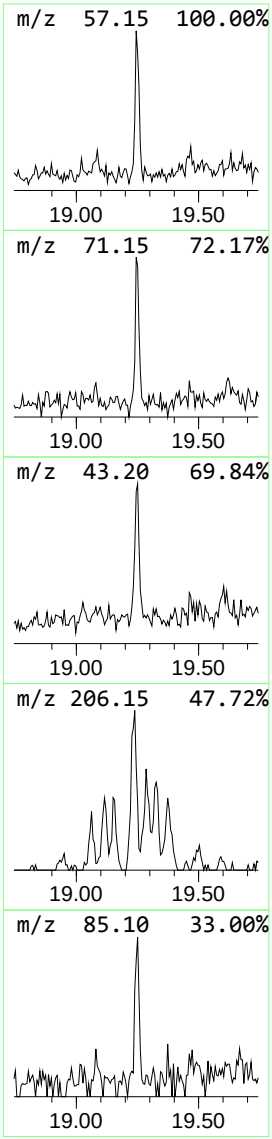
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.244	2.88 ng/ul	61419	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	55
2	Tetradecane	198	C14H30	000629-59-4	38
3	Octacosane	394	C28H58	000630-02-4	38
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	30
5	Eicosane	282	C20H42	000112-95-8	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049487.D
Acq On : 26 Jul 2021 20:47
Operator : CG/JU
Sample : M3082-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

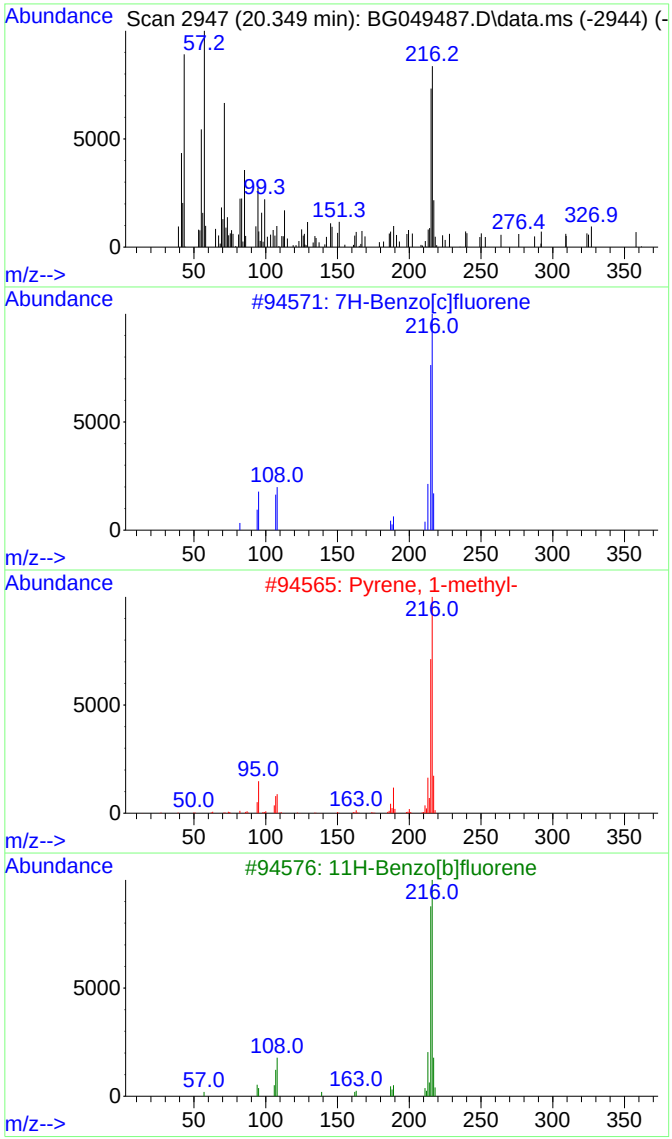
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

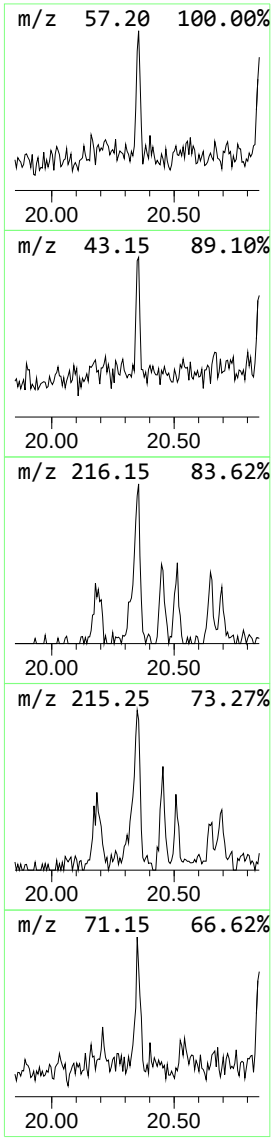
****

Peak Number 8 7H-Benzo[c]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.349	2.76 ng/ul	65438	Chrysene-d12	21.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	50
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	49
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049487.D
Acq On : 26 Jul 2021 20:47
Operator : CG/JU
Sample : M3082-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.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	21.0	ng/ul	166888	1	8.048	159194	20.0
Butane, 2-metho...	3.160	25.4	ng/ul	202507	1	8.048	159194	20.0
(DEL) Alkane: S...	9.275	2.3	ng/ul	18506	1	8.048	159194	20.0
(DEL) Alkane: S...	17.188	2.5	ng/ul	54442	4	17.447	426855	20.0
Anthracene, 2-m...	18.328	3.0	ng/ul	64328	4	17.447	426855	20.0
Phenanthrene, 3...	18.369	2.8	ng/ul	59988	4	17.447	426855	20.0
(DEL) Alkane: S...	19.244	2.9	ng/ul	61419	4	17.447	426855	20.0
7H-Benzo[c]fluo...	20.349	2.8	ng/ul	65438	5	21.729	474634	20.0