LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049685.D
Acq On : 6 Aug 2021 21:13
Operator : CG/JU
Sample : M3124-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00A1

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: BG049685.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	rVV2	72994	167647	28.20%	2.252%
2	3.161	17	21	39	rVB	143299	293750	49.42%	3.947%
3	3.871	139	142	148	rBV4	10391	18080	3.04%	0.243%
4	3.965	154	158	163	rVB3	11281	17200	2.89%	0.231%
5	4.424	233	236	238	rVB2	2157	2007	0.34%	0.027%
6	5.105	349	352	355	rBV3	1651	2281	0.38%	0.031%
7	5.217	367	371	377	rBV6	3510	6578	1.11%	0.088%
8	6.039	507	511	514	rVB3	2707	3479	0.59%	0.047%
9	6.386	567	570	572	rBV2	1323	1909	0.32%	0.026%
10	6.521	590	593	596	rBV3	1948	2421	0.41%	0.033%
11	6.891	654	656	661	rBV3	1862	2109	0.35%	0.028%
12	7.120	693	695	699	rBV	2074	1968	0.33%	0.026%
13	7.202	701	709	715	rBV	101077	179382	30.18%	2.410%
14	7.367	730	737	746	rBV	66624	114599	19.28%	1.540%
15	7.572	766	772	780	rBV	97523	171008	28.77%	2.298%
16	7.654	784	786	789	rVV3	2582	2443	0.41%	0.033%
17	8.042	841	852	862	rBV	118005	208044	35.00%	2.795%
18	8.677	958	960	962	rBV	1410	1545	0.26%	0.021%
19	8.753	967	973	980	rVB2	101198	183606	30.89%	2.467%
20	8.876	990	994	998	rVB2	3361	5827	0.98%	0.078%
21	8.941	1003	1005	1010	rVB3	2686	3754	0.63%	0.050%
22	9.211	1044	1051	1057	rBV	101043	182287	30.67%	2.449%
23	9.370	1076	1078	1081	rBV3	1898	1880	0.32%	0.025%
24	9.511	1101	1102	1105	rVB2	2033	1593	0.27%	0.021%
25	9.940	1167	1175	1185	rBV3	92586	175511	29.53%	2.358%
26	10.274	1227	1232	1238	rVB2	1798	3728	0.63%	0.050%
27	10.421	1254	1257	1260	rBV2	1518	1895	0.32%	0.025%
28	10.486	1260	1268	1276	rVB	120740	227825	38.33%	3.061%
29	10.627	1287	1292	1297	rBV3	10874	17773	2.99%	0.239%
30	10.744	1308	1312	1313	rBV3	1315	1744	0.29%	0.023%
31	10.821	1320	1325	1326	rBV2	7703	8541	1.44%	0.115%
32	10.862	1326	1332	1340	rVB	151807	267215	44.96%	3.590%
33	10.997	1348	1355	1365	rBV	87366	171541	28.86%	2.305%
34	11.543	1444	1448	1449	rBV	2168	2625	0.44%	0.035%
35	11.567	1449	1452	1454	rVB3	2413	2690	0.45%	0.036%
36	11.878	1500	1505	1510	rVB2	6504	11332	1.91%	0.152%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
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Acq On : 6 Aug 2021 21:13
Operator : CG/JU
Sample : M3124-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00A1

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	12.113	1542	1545	1547	rBV2	1387	1598	0.27%	0.021%
38	12.272	1567	1572	1577	rVB3	9072	13888	2.34%	0.187%
39	12.524	1609	1615	1622	rVB2	7507	11952	2.01%	0.161%
40	12.642	1631	1635	1636	rBV2	1486	1707	0.29%	0.023%
41	12.742	1645	1652	1658	rBV	6508	10783	1.81%	0.145%
42	12.818	1663	1665	1668	rVB	1883	1686	0.28%	0.023%
43	12.965	1684	1690	1691	rBV	1747	2589	0.44%	0.035%
44	13.082	1706	1710	1714	rVB4	2145	2777	0.47%	0.037%
45	13.217	1731	1733	1737	rVB3	4585	5821	0.98%	0.078%
46	13.282	1742	1744	1749	rVB2	1891	2324	0.39%	0.031%
47	13.505	1779	1782	1788	rVB4	11632	18106	3.05%	0.243%
48	13.858	1836	1842	1843	rBV2	4067	6306	1.06%	0.085%
49	13.969	1857	1861	1863	rBV3	2426	3336	0.56%	0.045%
50	14.011	1864	1868	1874	rVV5	9079	14799	2.49%	0.199%
51	14.093	1874	1882	1890	rVV	229704	347995	58.55%	4.675%
52	14.163	1890	1894	1898	rVB2	6002	7602	1.28%	0.102%
53	14.199	1898	1900	1902	rBV3	2136	1867	0.31%	0.025%
54	14.251	1905	1909	1912	rBV2	3819	5749	0.97%	0.077%
55	14.328	1920	1922	1923	rBV2	1829	1721	0.29%	0.023%
56	14.386	1926	1932	1944	rVB	236628	386910	65.09%	5.198%
57	14.469	1944	1946	1949	rBV	1255	1754	0.30%	0.024%
58	14.574	1961	1964	1971	rVB2	15076	20595	3.46%	0.277%
59	14.692	1973	1984	1991	rVB	227091	370132	62.27%	4.973%
60	14.745	1991	1993	1996	rBV2	3798	5461	0.92%	0.073%
61	14.898	2013	2019	2024	rBV	77548	140496	23.64%	1.888%
62	15.044	2041	2044	2048	rBV4	3725	5060	0.85%	0.068%
63	15.091	2048	2052	2057	rVB4	12436	18493	3.11%	0.248%
64	15.309	2084	2089	2094	rBV2	7151	10978	1.85%	0.147%
65	15.362	2094	2098	2102	rVV2	5636	8585	1.44%	0.115%
66	15.432	2104	2110	2113	rVV4	7547	11813	1.99%	0.159%
67	15.473	2115	2117	2122	rVV5	5702	9676	1.63%	0.130%
68	15.526	2122	2126	2131	rVB3	16103	23168	3.90%	0.311%
69	15.685	2146	2153	2159	rBV	289789	452345	76.10%	6.077%
70	15.808	2169	2174	2180	rBV	77055	114411	19.25%	1.537%
71	16.031	2209	2212	2213	rBV3	4627	4114	0.69%	0.055%
72	16.084	2219	2221	2224	rBV4	2056	1977	0.33%	0.027%
73	16.184	2235	2238	2241	rBV4	3740	5454	0.92%	0.073%
74	16.325	2260	2262	2265	rVB	1781	1595	0.27%	0.021%
75	16.390	2269	2273	2281	rVB4	22519	42408	7.13%	0.570%
76	16.501	2291	2292	2294	rBV	2101	1640	0.28%	0.022%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3124-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00A1

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	16.719	2324	2329	2332	rBV5	4344	8974	1.51%	0.121%
78	16.748	2332	2334	2335	rBV	4552	3862	0.65%	0.052%
79	16.895	2355	2359	2363	rBV4	5411	6922	1.16%	0.093%
80	16.971	2369	2372	2375	rBV3	7531	8195	1.38%	0.110%
81	17.095	2390	2393	2399	rVB3	13777	21269	3.58%	0.286%
82	17.183	2404	2408	2413	rVB3	22483	33391	5.62%	0.449%
83	17.447	2447	2453	2457	rBV	252396	399737	67.25%	5.371%
84	17.488	2457	2460	2464	rVV	109744	146402	24.63%	1.967%
85	17.547	2464	2470	2480	rVB	298508	472070	79.42%	6.342%
86	17.923	2531	2534	2538	rVB4	19865	24519	4.12%	0.329%
87	18.029	2548	2552	2557	rVB3	11313	15114	2.54%	0.203%
88	18.099	2561	2564	2567	rBV4	6591	9325	1.57%	0.125%
89	18.322	2598	2602	2606	rBV2	42460	60439	10.17%	0.812%
90	18.369	2606	2610	2618	rVB3	44493	75011	12.62%	1.008%
91	18.510	2630	2634	2639	rBV4	34705	64349	10.83%	0.865%
92	18.616	2649	2652	2658	rVB6	19485	25894	4.36%	0.348%
93	18.816	2683	2686	2690	rBV	26793	35454	5.96%	0.476%
94	19.239	2754	2758	2762	rBV5	40584	62130	10.45%	0.835%
95	19.497	2797	2802	2808	rVB	200790	287484	48.37%	3.862%
96	19.832	2853	2859	2862	rBV	376499	594404	100.00%	7.986%
97	21.724	3174	3181	3186	rBV2	254216	520702	87.60%	6.996%

Sum of corrected areas: 7443135

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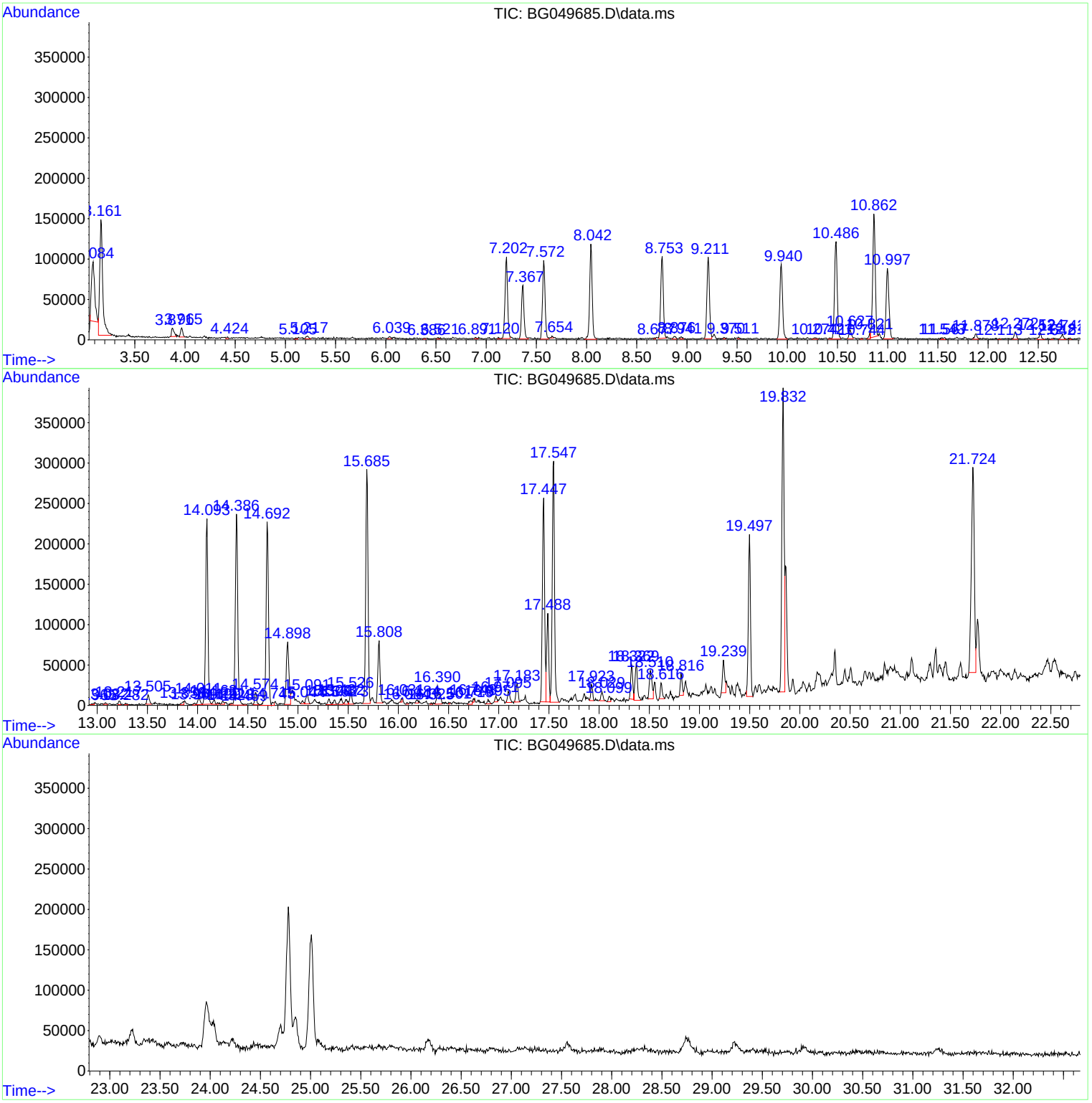
Operator : CG/JU
Sample : M3124-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00A1

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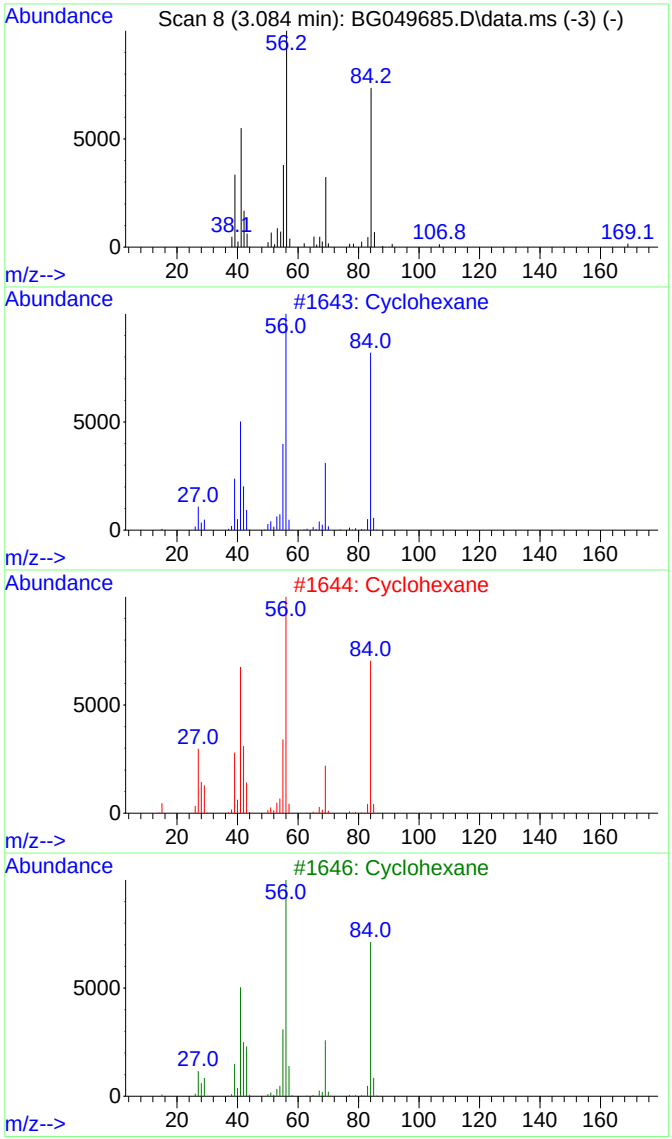
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

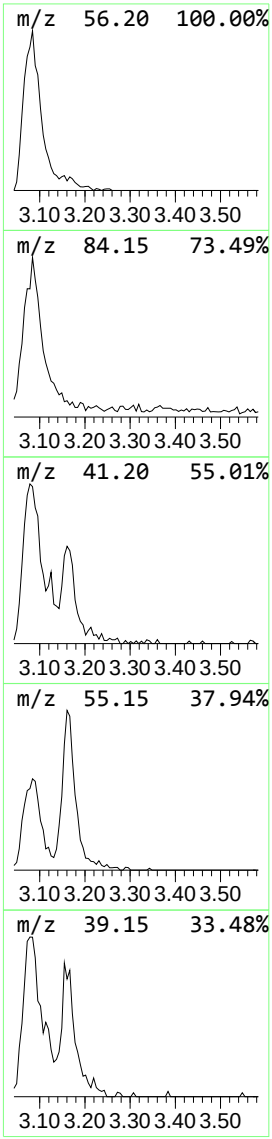
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.084	16.12 ng/ul	167647	1,4-Dichlorobenzene-d4	8.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	95
2	Cyclohexane	84	C6H12	000110-82-7	87
3	Cyclohexane	84	C6H12	000110-82-7	80
4	Cyclohexane	84	C6H12	000110-82-7	80
5	2-Acetylpiperidine	127	C7H13NO	097073-22-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049685.D
Acq On : 6 Aug 2021 21:13
Operator : CG/JU
Sample : M3124-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00A1

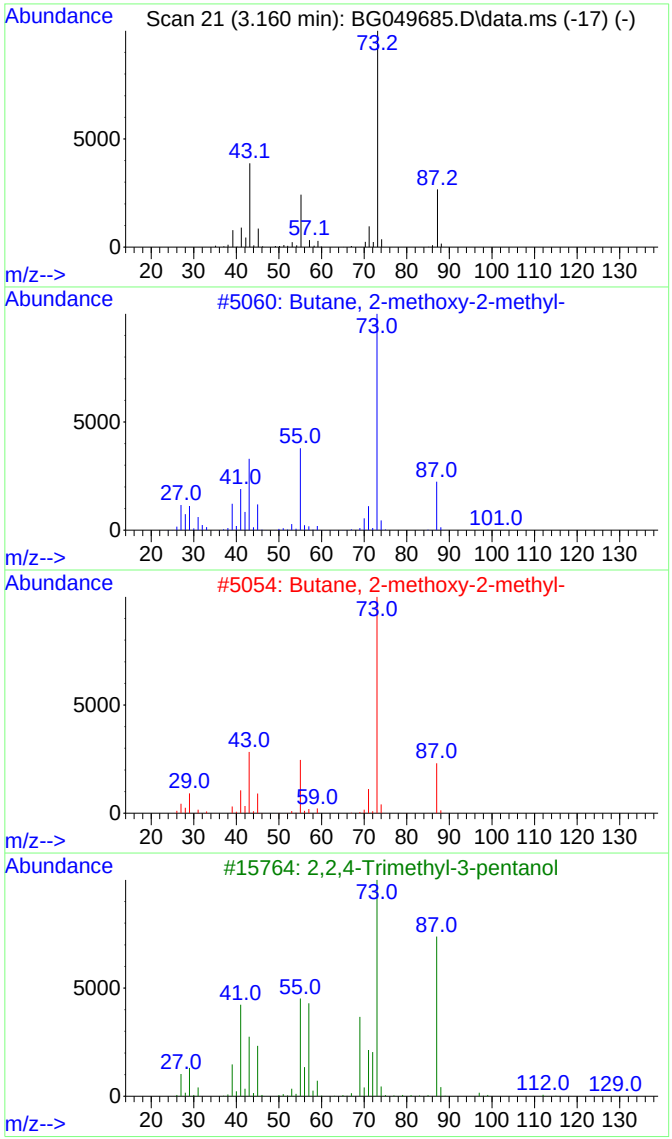
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

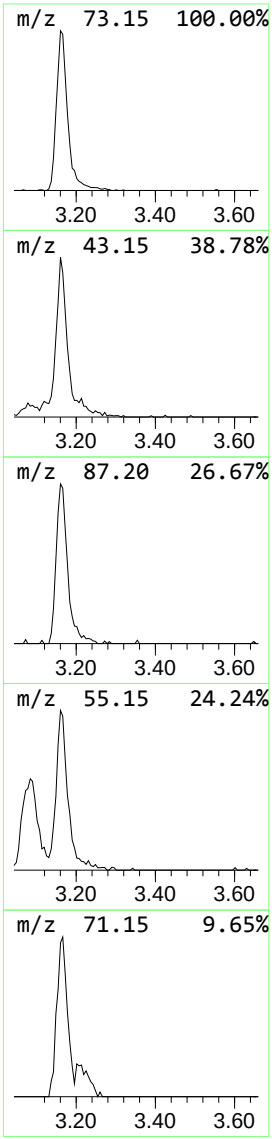
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.160	28.24 ng/ul	293750	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	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	32
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00A1

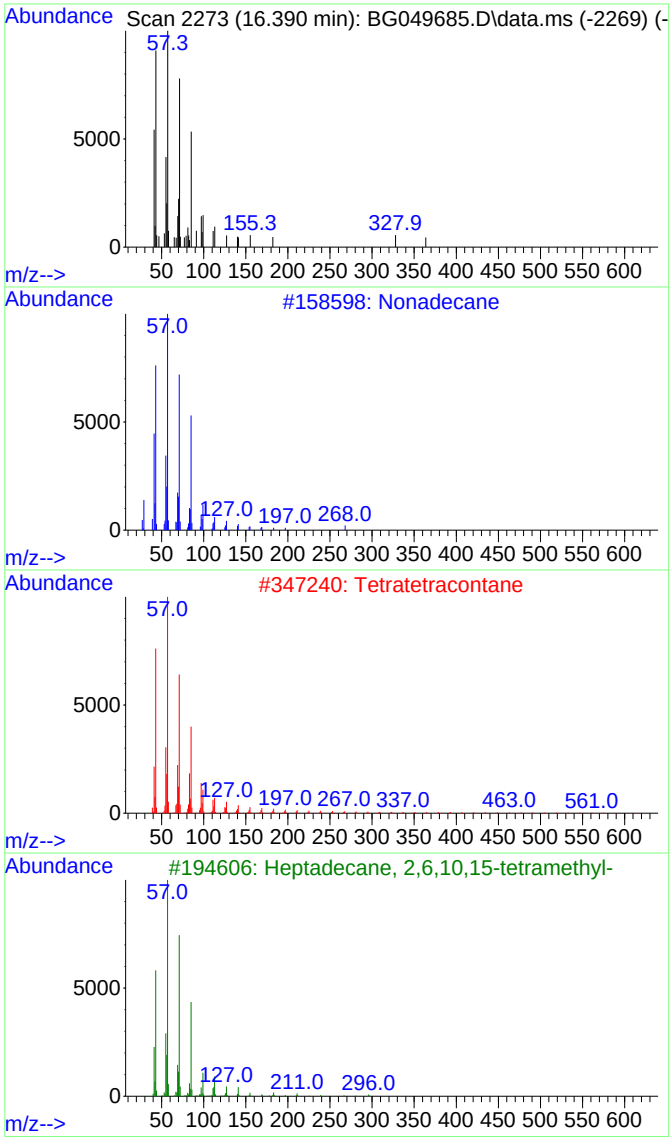
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

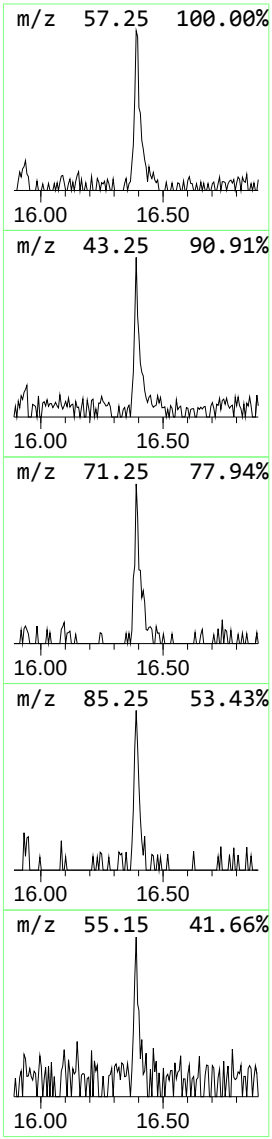
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.390	2.12 ng/ul	42408	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Tetratetracontane	619	C44H90	007098-22-8	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Octacosane	394	C28H58	000630-02-4	80
5	Hexacosane	366	C26H54	000630-01-3	80





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Data File : BG049685.D
Acq On : 6 Aug 2021 21:13
Operator : CG/JU
Sample : M3124-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00A1

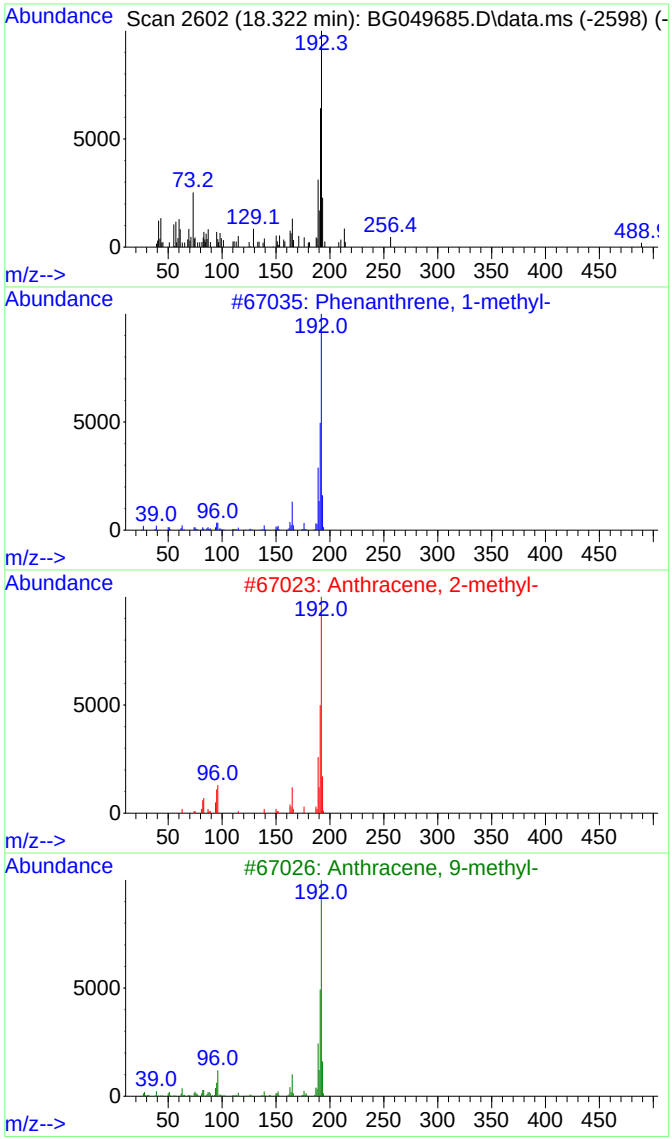
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

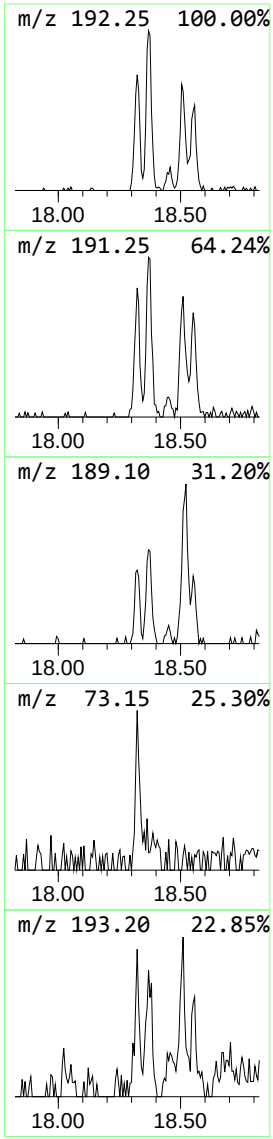
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	3.02 ng/ul	60439	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049685.D
Acq On : 6 Aug 2021 21:13
Operator : CG/JU
Sample : M3124-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00A1

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

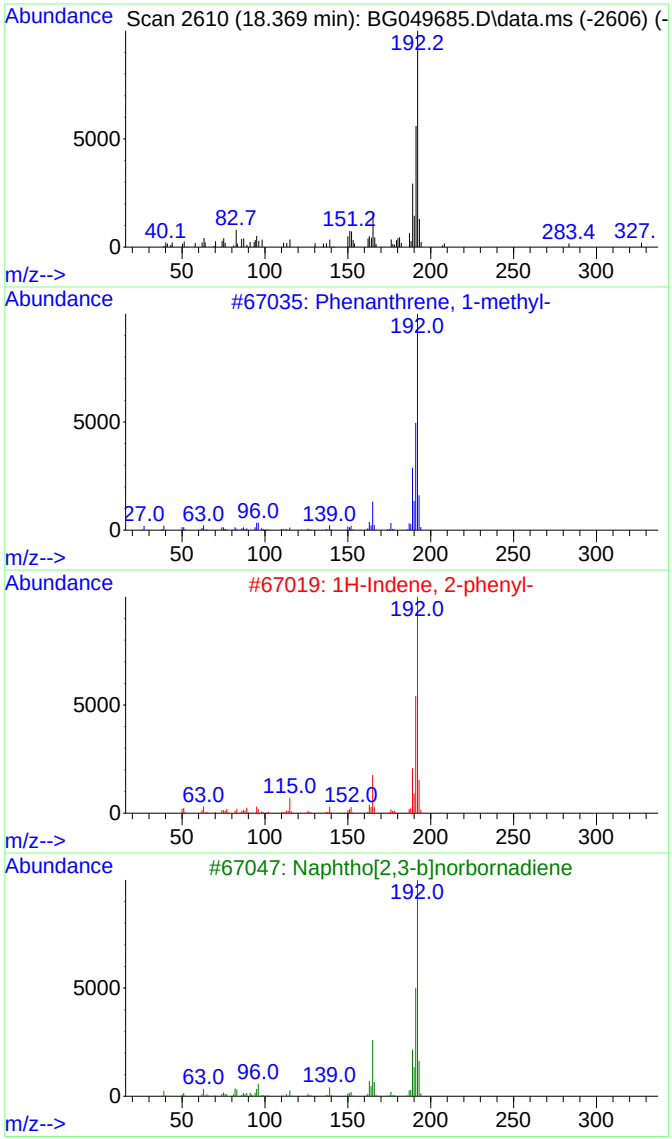
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

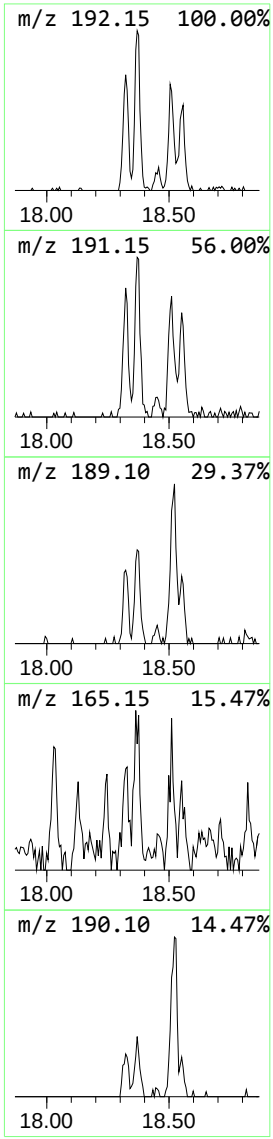
****

Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	3.75 ng/ul	75011	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Data File : BG049685.D
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Instrument : BNA_G
ClientSampleId : C00A1

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

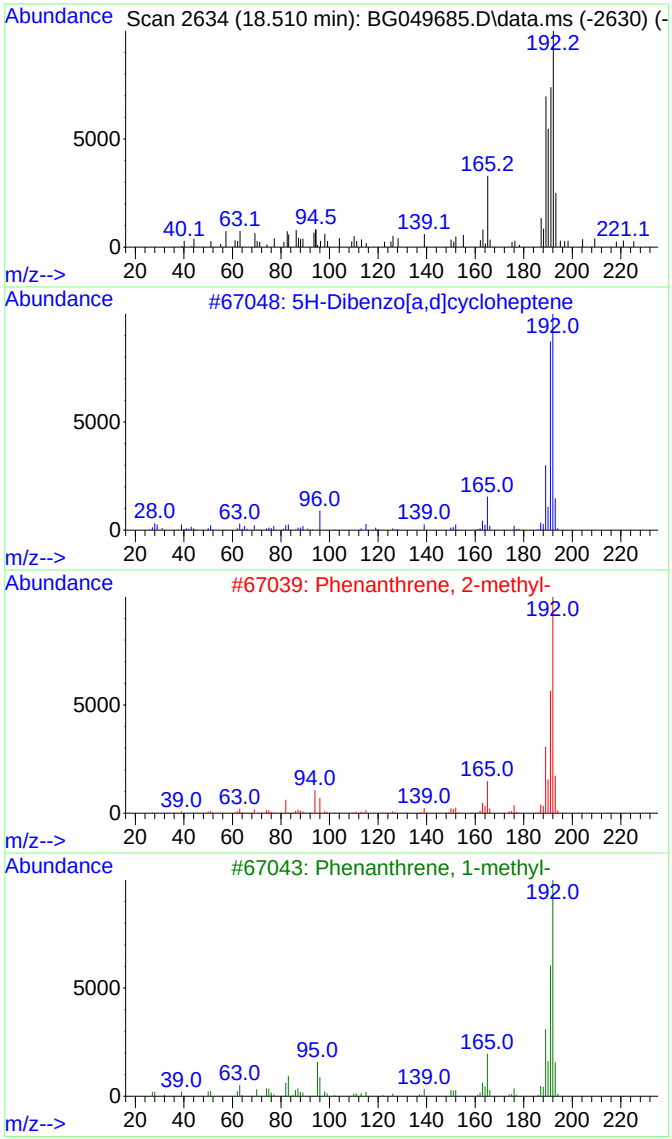
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

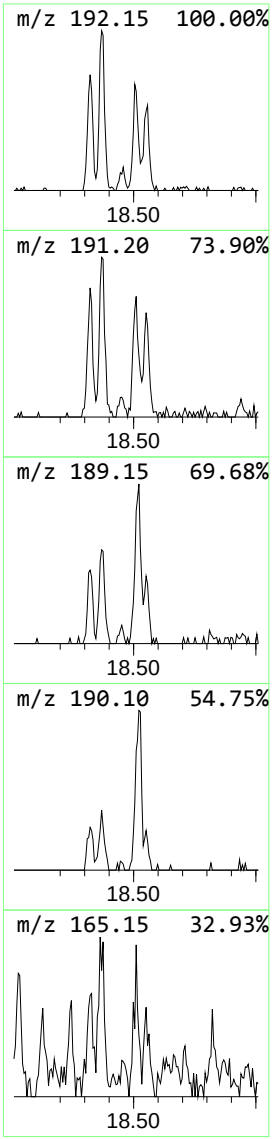
****

Peak Number 6 5H-Dibenzo[a,d]cycloheptene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.510	3.22 ng/ul	64349	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	58
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	52
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	52
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049685.D
Acq On : 6 Aug 2021 21:13
Operator : CG/JU
Sample : M3124-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00A1

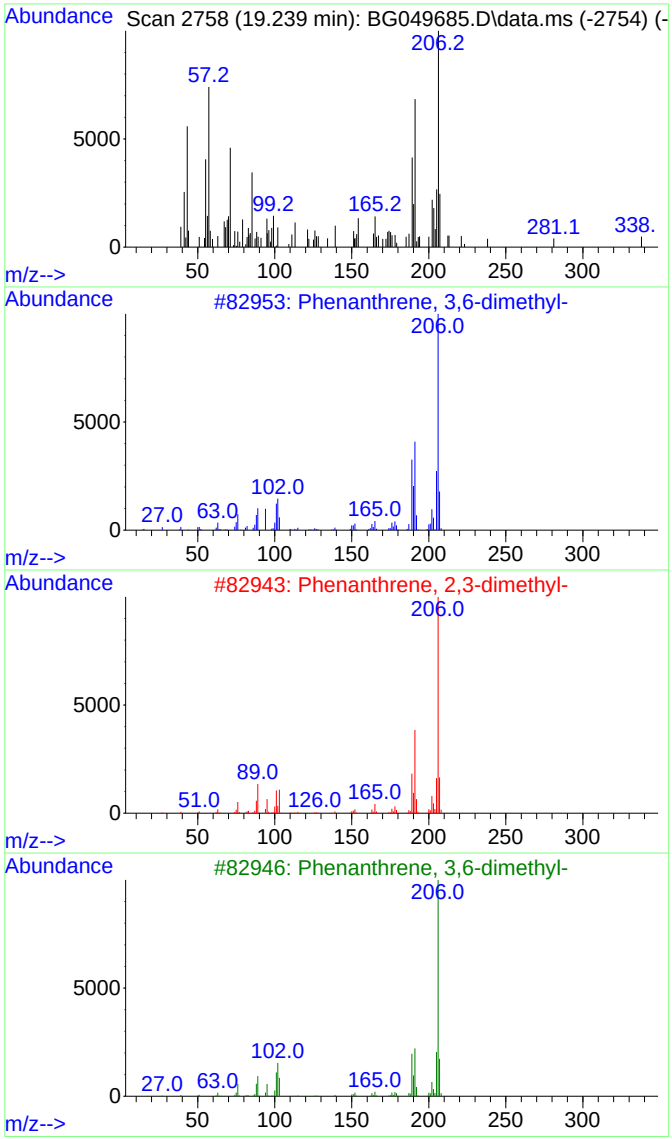
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

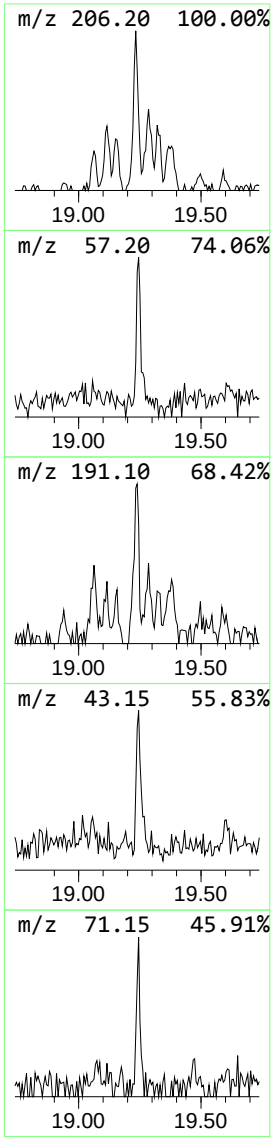
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.239	3.11 ng/ul	62130	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	43
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049685.D
Acq On : 6 Aug 2021 21:13
Operator : CG/JU
Sample : M3124-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00A1

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	16.1	ng/ul	167647	1	8.042	208044	20.0
Butane, 2-metho...	3.160	28.2	ng/ul	293750	1	8.042	208044	20.0
(DEL) Alkane: S...	16.390	2.1	ng/ul	42408	4	17.447	399737	20.0
Phenanthrene, 1...	18.322	3.0	ng/ul	60439	4	17.447	399737	20.0
1H-Indene, 2-ph...	18.369	3.8	ng/ul	75011	4	17.447	399737	20.0
5H-Dibenzo[a,d]...	18.510	3.2	ng/ul	64349	4	17.447	399737	20.0
Phenanthrene, 3...	19.239	3.1	ng/ul	62130	4	17.447	399737	20.0