LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049760.D
Acq On : 10 Aug 2021 17:05
Operator : CG/JU
Sample : M3182-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D4

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: BG049760.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.139	13	17	35	rVB	260008	447450	100.00%	8.438%
2	3.949	151	155	163	rVB3	11152	19600	4.38%	0.370%
3	4.519	250	252	253	rBV2	1679	1224	0.27%	0.023%
4	4.678	278	279	282	rBV2	2083	2009	0.45%	0.038%
5	5.647	441	444	453	rVB2	9412	17232	3.85%	0.325%
6	6.029	505	509	514	rVB5	4897	7187	1.61%	0.136%
7	6.176	532	534	536	rBV	1692	1384	0.31%	0.026%
8	6.558	596	599	601	rBV2	1488	1457	0.33%	0.027%
9	6.892	654	656	659	rBV2	1827	1899	0.42%	0.036%
10	7.116	692	694	696	rVB3	3714	2533	0.57%	0.048%
11	7.192	699	707	721	rBV2	48593	99049	22.14%	1.868%
12	7.351	729	734	742	rBV2	34858	61520	13.75%	1.160%
13	7.498	757	759	762	rBV2	1567	1236	0.28%	0.023%
14	7.568	765	771	780	rVB	51031	91870	20.53%	1.733%
15	7.650	781	785	786	rBV2	3512	4260	0.95%	0.080%
16	8.038	843	851	858	rVB	90054	164658	36.80%	3.105%
17	8.161	868	872	880	rVB4	2730	4825	1.08%	0.091%
18	8.496	927	929	931	rVB2	2450	1486	0.33%	0.028%
19	8.584	942	944	949	rVB3	1902	1696	0.38%	0.032%
20	8.678	957	960	961	rBV2	1543	1706	0.38%	0.032%
21	8.749	967	972	978	rBV3	31200	54193	12.11%	1.022%
22	9.142	1038	1039	1042	rVB	2044	1680	0.38%	0.032%
23	9.201	1043	1049	1055	rVV2	56275	102198	22.84%	1.927%
24	9.495	1097	1099	1100	rBV	1394	1196	0.27%	0.023%
25	9.559	1106	1110	1111	rBV2	1133	1391	0.31%	0.026%
26	9.665	1126	1128	1130	rBV2	1466	1573	0.35%	0.030%
27	9.930	1168	1173	1185	rVB3	52859	101729	22.74%	1.918%
28	10.423	1255	1257	1260	rBV2	2292	2102	0.47%	0.040%
29	10.482	1261	1267	1273	rVV	64794	117622	26.29%	2.218%
30	10.623	1286	1291	1301	rBV3	9526	19388	4.33%	0.366%
31	10.728	1308	1309	1312	rBV	1410	1225	0.27%	0.023%
32	10.858	1320	1331	1337	rBV	126433	250379	55.96%	4.722%
33	10.999	1349	1355	1360	rBV3	30600	60523	13.53%	1.141%
34	11.463	1430	1434	1437	rVB2	1561	1591	0.36%	0.030%
35	11.510	1437	1442	1443	rBV	1459	2024	0.45%	0.038%
36	11.668	1463	1469	1471	rBV3	1696	2638	0.59%	0.050%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
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Acq On : 10 Aug 2021 17:05
Operator : CG/JU
Sample : M3182-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D4

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	11.798	1489	1491	1493	rVB3	1826	1342	0.30%	0.025%
38	11.833	1495	1497	1499	rVV	1669	1239	0.28%	0.023%
39	11.868	1499	1503	1508	rVB4	5785	8624	1.93%	0.163%
40	12.262	1565	1570	1578	rBV4	12118	18410	4.11%	0.347%
41	12.514	1608	1613	1619	rVB	20599	33673	7.53%	0.635%
42	12.732	1645	1650	1658	rVB2	11252	19743	4.41%	0.372%
43	12.884	1674	1676	1681	rBV2	1789	2265	0.51%	0.043%
44	12.949	1681	1687	1688	rBV	1547	2091	0.47%	0.039%
45	13.043	1699	1703	1706	rBV	883	1369	0.31%	0.026%
46	13.213	1730	1732	1737	rVB4	2745	3365	0.75%	0.063%
47	13.425	1764	1768	1770	rBV3	2612	2865	0.64%	0.054%
48	13.501	1775	1781	1788	rBV5	15413	30050	6.72%	0.567%
49	13.854	1835	1841	1849	rVB4	8042	20206	4.52%	0.381%
50	13.953	1855	1858	1861	rBV2	1826	1987	0.44%	0.037%
51	14.006	1861	1867	1872	rVV4	10999	20659	4.62%	0.390%
52	14.083	1874	1880	1887	rVV	153034	241219	53.91%	4.549%
53	14.153	1890	1892	1896	rVB4	5561	5771	1.29%	0.109%
54	14.247	1903	1908	1916	rVB5	3433	8503	1.90%	0.160%
55	14.382	1924	1931	1943	rVB	156951	255569	57.12%	4.820%
56	14.517	1952	1954	1957	rVB3	1515	1331	0.30%	0.025%
57	14.570	1959	1963	1968	rVB2	17933	23913	5.34%	0.451%
58	14.688	1972	1983	1990	rBV2	216252	354786	79.29%	6.691%
59	14.747	1990	1993	1994	rBV3	1905	1923	0.43%	0.036%
60	14.899	2011	2019	2027	rBV2	35470	70692	15.80%	1.333%
61	15.081	2047	2050	2058	rVB2	12134	19013	4.25%	0.359%
62	15.164	2060	2064	2066	rBV2	4627	6132	1.37%	0.116%
63	15.305	2084	2088	2092	rVV4	3324	5537	1.24%	0.104%
64	15.357	2093	2097	2102	rVB3	5590	8047	1.80%	0.152%
65	15.410	2102	2106	2108	rBV2	2472	3448	0.77%	0.065%
66	15.428	2108	2109	2112	rVB2	2882	1442	0.32%	0.027%
67	15.522	2120	2125	2131	rVB2	18668	27090	6.05%	0.511%
68	15.581	2133	2135	2136	rBV	2161	1661	0.37%	0.031%
69	15.681	2145	2152	2158	rBV	203665	307326	68.68%	5.796%
70	15.804	2168	2173	2180	rVB2	63494	97497	21.79%	1.839%
71	15.851	2180	2181	2185	rVB	2526	2148	0.48%	0.041%
72	15.927	2189	2194	2199	rBV6	5078	7565	1.69%	0.143%
73	16.262	2248	2251	2257	rVB3	4152	6625	1.48%	0.125%
74	16.385	2267	2272	2274	rBV3	19836	26694	5.97%	0.503%
75	16.615	2309	2311	2313	rBV3	1925	1494	0.33%	0.028%
76	16.662	2317	2319	2320	rBV3	1685	1313	0.29%	0.025%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3182-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D4

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-BG080421.M
Title : SVOA CALIBRATION

77	16.703	2322	2326	2329	rBV3	2034	3332	0.74%	0.063%
78	16.791	2340	2341	2344	rVB	3614	2138	0.48%	0.040%
79	16.973	2367	2372	2374	rBV5	8109	12539	2.80%	0.236%
80	17.096	2387	2393	2399	rBV2	20365	34042	7.61%	0.642%
81	17.179	2401	2407	2412	rVB3	25129	36831	8.23%	0.695%
82	17.320	2428	2431	2433	rBV3	3651	4190	0.94%	0.079%
83	17.384	2440	2442	2445	rBV2	1952	2145	0.48%	0.040%
84	17.443	2445	2452	2456	rBV	258989	421352	94.17%	7.946%
85	17.484	2456	2459	2463	rVV	80789	108002	24.14%	2.037%
86	17.537	2463	2468	2477	rVB2	207469	319722	71.45%	6.030%
87	17.754	2502	2505	2511	rVB4	14768	21077	4.71%	0.397%
88	17.919	2529	2533	2537	rVB3	20114	23627	5.28%	0.446%
89	18.318	2596	2601	2605	rBV	32005	48417	10.82%	0.913%
90	18.365	2605	2609	2615	rVB	37219	53836	12.03%	1.015%
91	18.506	2629	2633	2637	rBV3	18065	29999	6.70%	0.566%
92	18.547	2637	2640	2646	rVB2	14772	22017	4.92%	0.415%
93	18.606	2647	2650	2657	rBV3	17414	26713	5.97%	0.504%
94	18.706	2663	2667	2672	rBV8	8967	15160	3.39%	0.286%
95	18.812	2681	2685	2689	rBV	24218	32605	7.29%	0.615%
96	19.235	2752	2757	2762	rBV5	32439	50812	11.36%	0.958%
97	19.493	2796	2801	2807	rVB	149079	214696	47.98%	4.049%
98	19.634	2822	2825	2829	rVB6	25181	31291	6.99%	0.590%
99	19.822	2853	2857	2861	rBV	253338	402115	89.87%	7.583%
100	20.727	3008	3011	3015	rVB	59654	75511	16.88%	1.424%

Sum of corrected areas: 5302529

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
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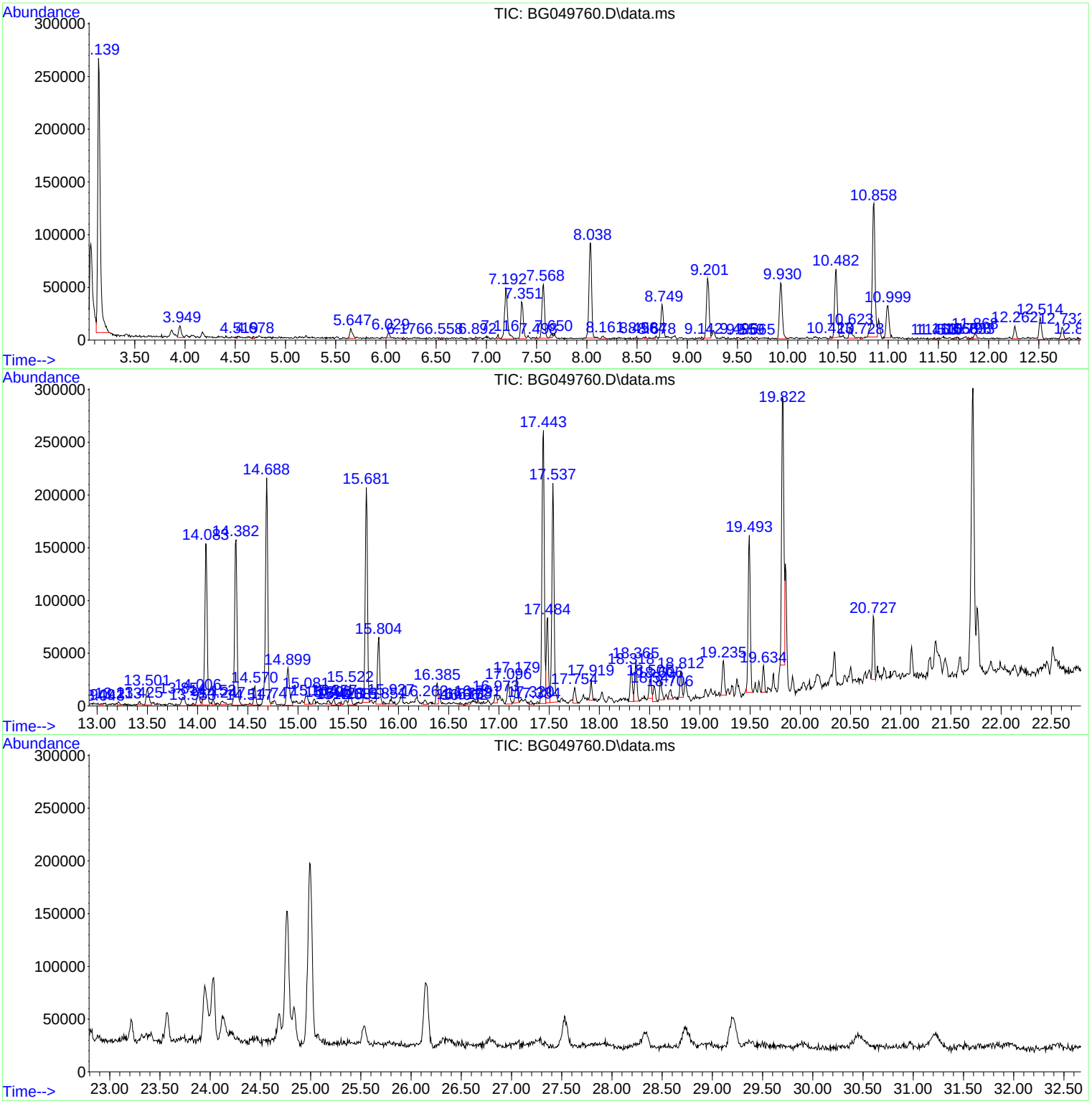
Sample : M3182-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00D4

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 : BG049760.D
Acq On : 10 Aug 2021 17:05
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Sample : M3182-16
Misc :
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Instrument : BNA_G
ClientSampleId : C00D4

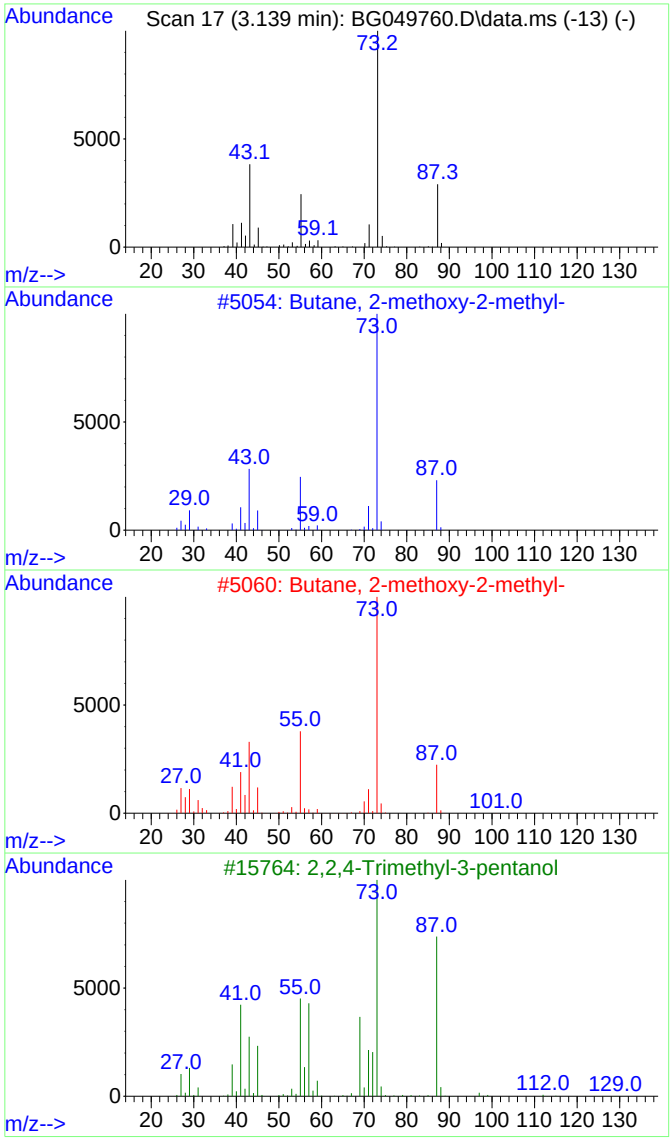
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

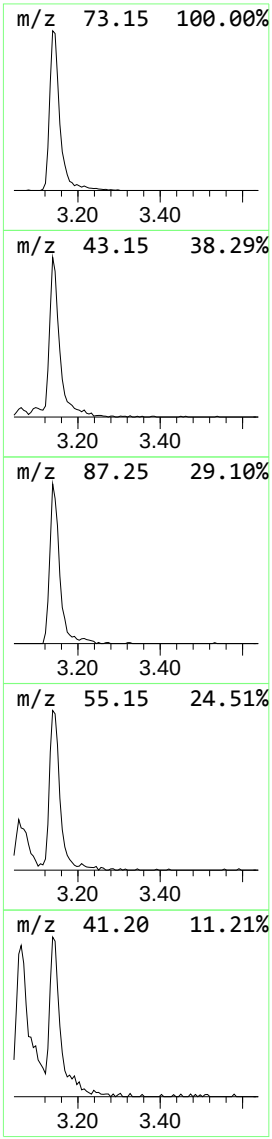
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.139	54.35 ng/ul	447450	1,4-Dichlorobenzene-d4	8.038

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049760.D
Acq On : 10 Aug 2021 17:05
Operator : CG/JU
Sample : M3182-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D4

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

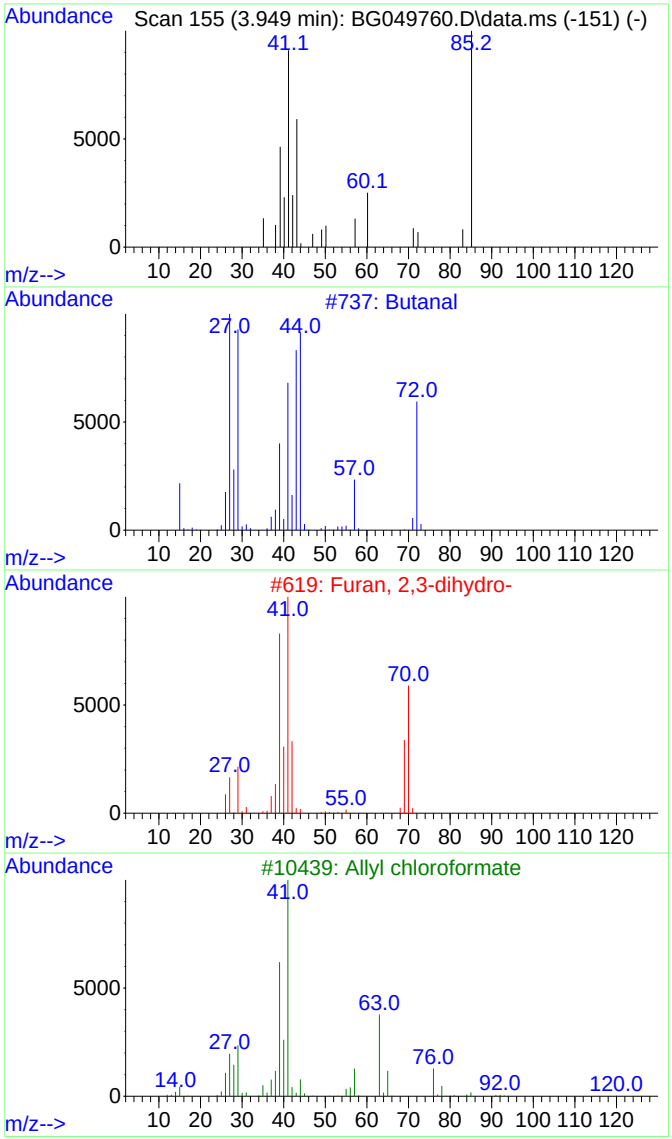
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

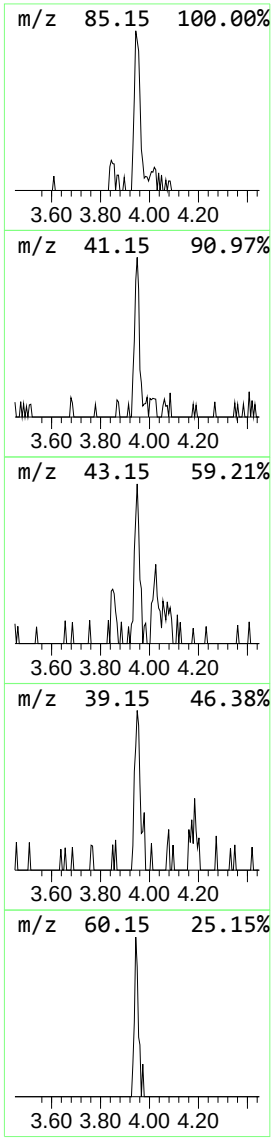
****

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.949	2.38 ng/ul	19600	1,4-Dichlorobenzene-d4	8.038

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	9
2	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	9
3	Allyl chloroformate	120	C4H5ClO2	002937-50-0	7
4	Pentane	72	C5H12	000109-66-0	5
5	Isothiazole	85	C3H3NS	000288-16-4	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
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Sample : M3182-16
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Instrument : BNA_G
ClientSampleId : C00D4

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

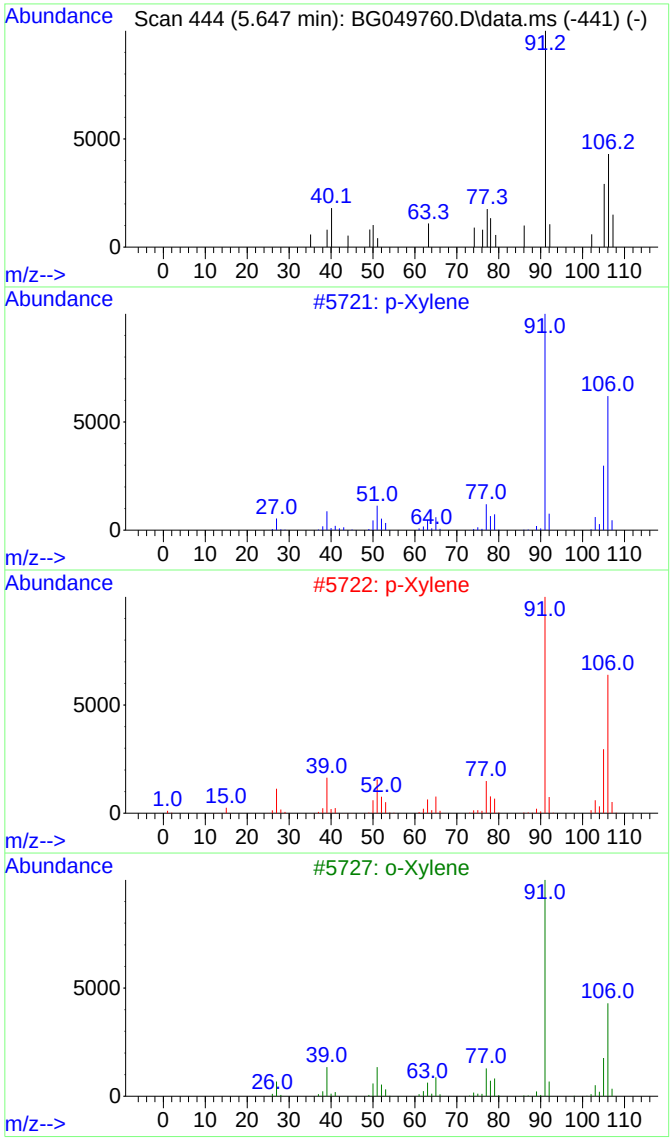
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

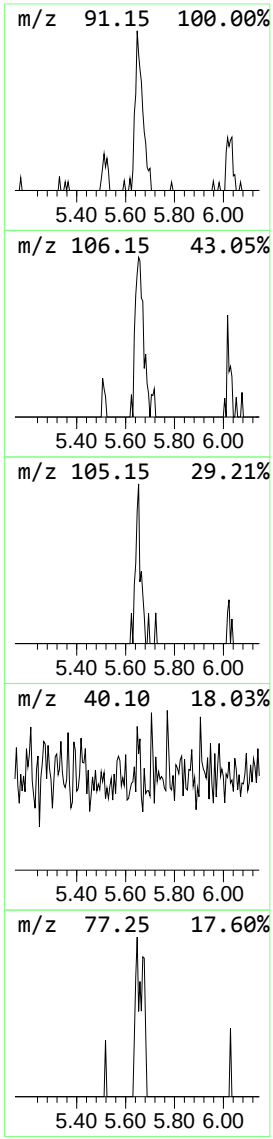
****

Peak Number 3 p-Xylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.647	2.09 ng/ul	17232	1,4-Dichlorobenzene-d4	8.038

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	59
2	p-Xylene	106	C8H10	000106-42-3	59
3	o-Xylene	106	C8H10	000095-47-6	53
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	52
5	p-Xylene	106	C8H10	000106-42-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
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Sample : M3182-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D4

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

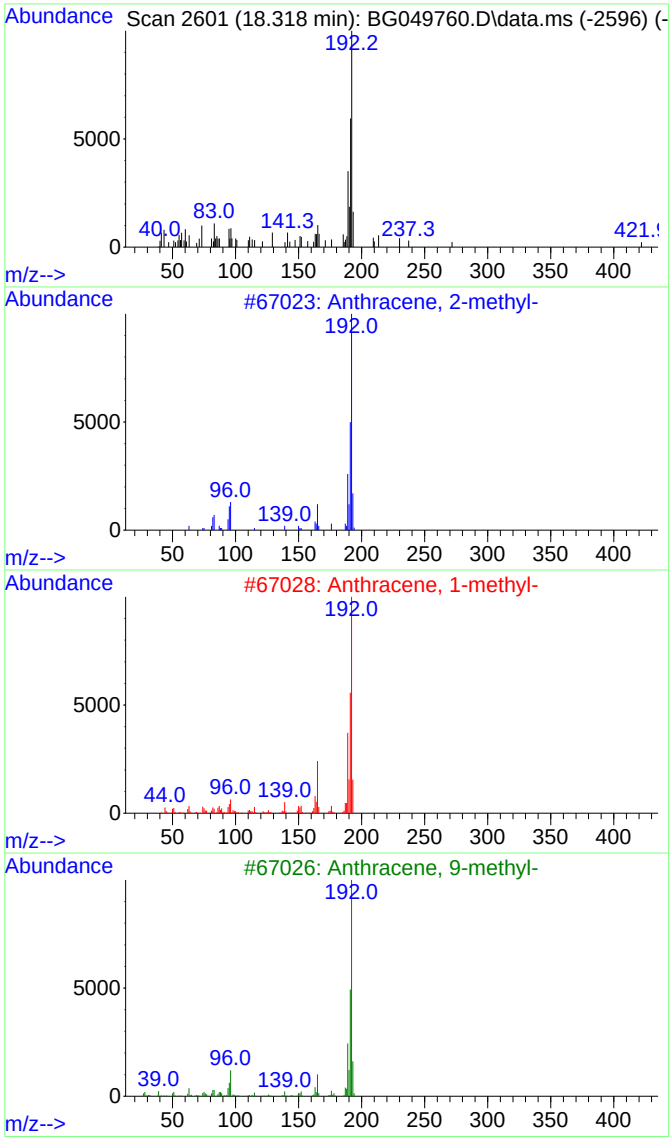
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

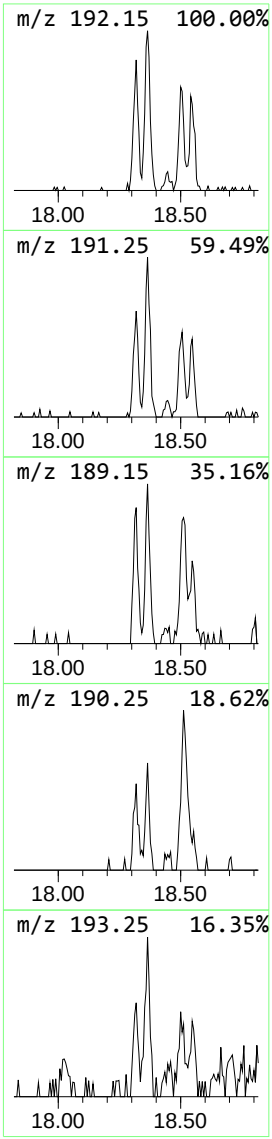
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.318	2.30 ng/ul	48417	Phenanthrene-d10	17.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049760.D
Acq On : 10 Aug 2021 17:05
Operator : CG/JU
Sample : M3182-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D4

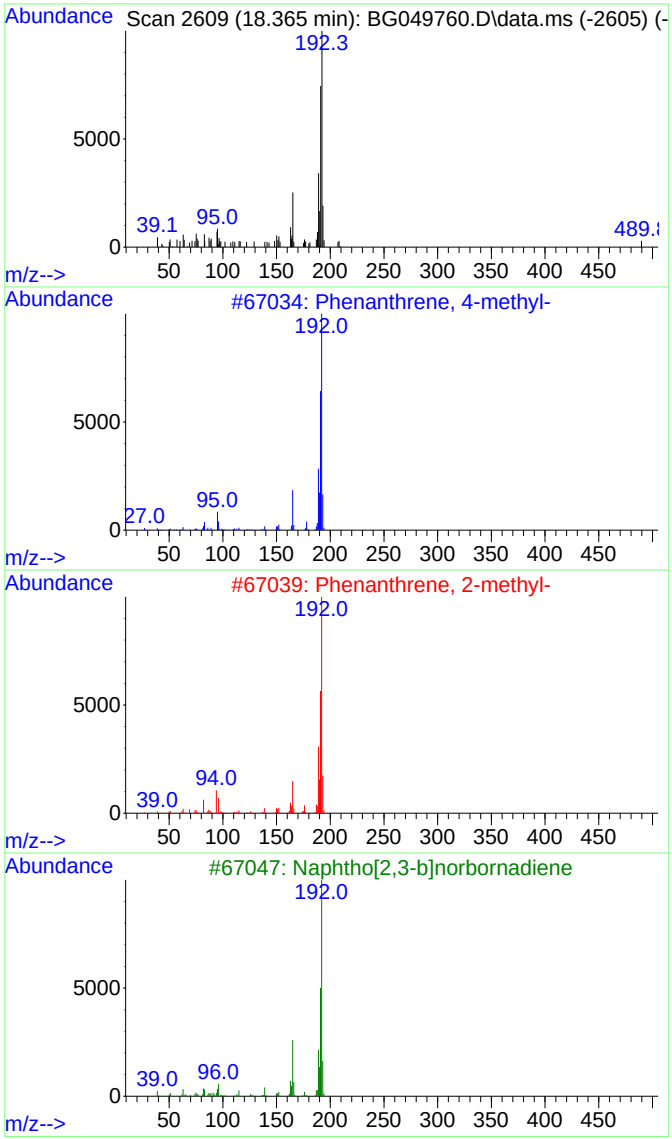
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

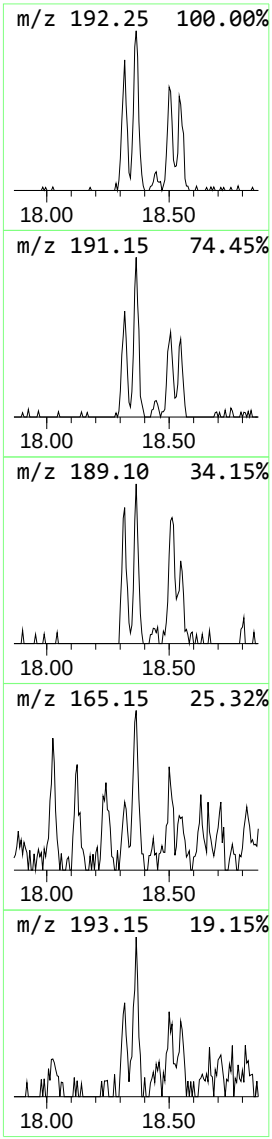
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.365	2.56 ng/ul	53836	Phenanthrene-d10	17.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049760.D
Acq On : 10 Aug 2021 17:05
Operator : CG/JU
Sample : M3182-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D4

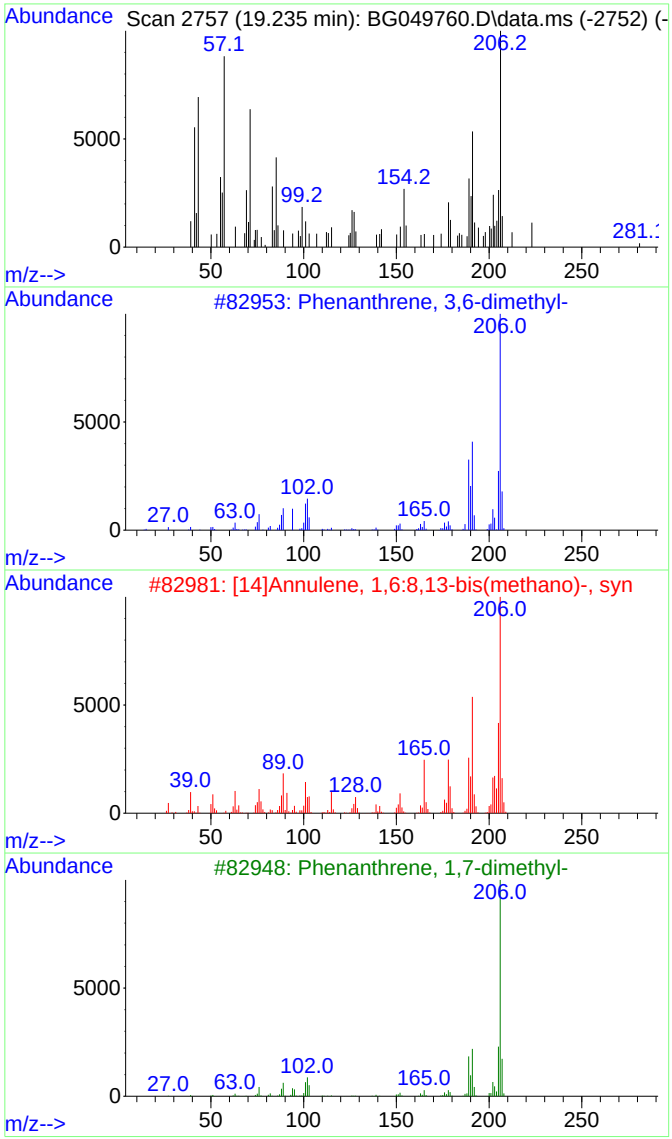
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

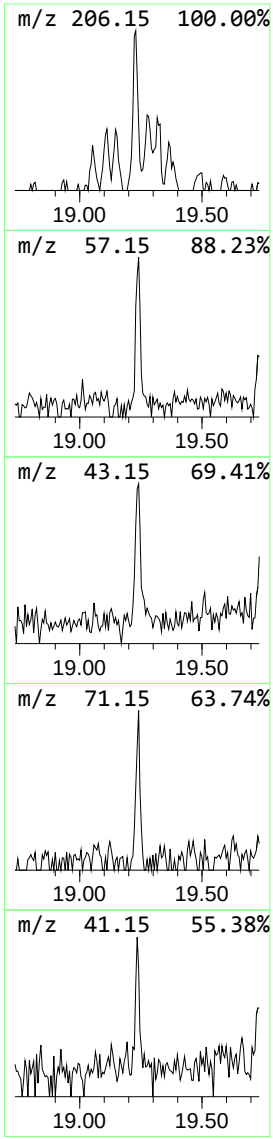
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.235	2.41 ng/ul	50812	Phenanthrene-d10	17.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	78
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	64
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	64
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049760.D
Acq On : 10 Aug 2021 17:05
Operator : CG/JU
Sample : M3182-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D4

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

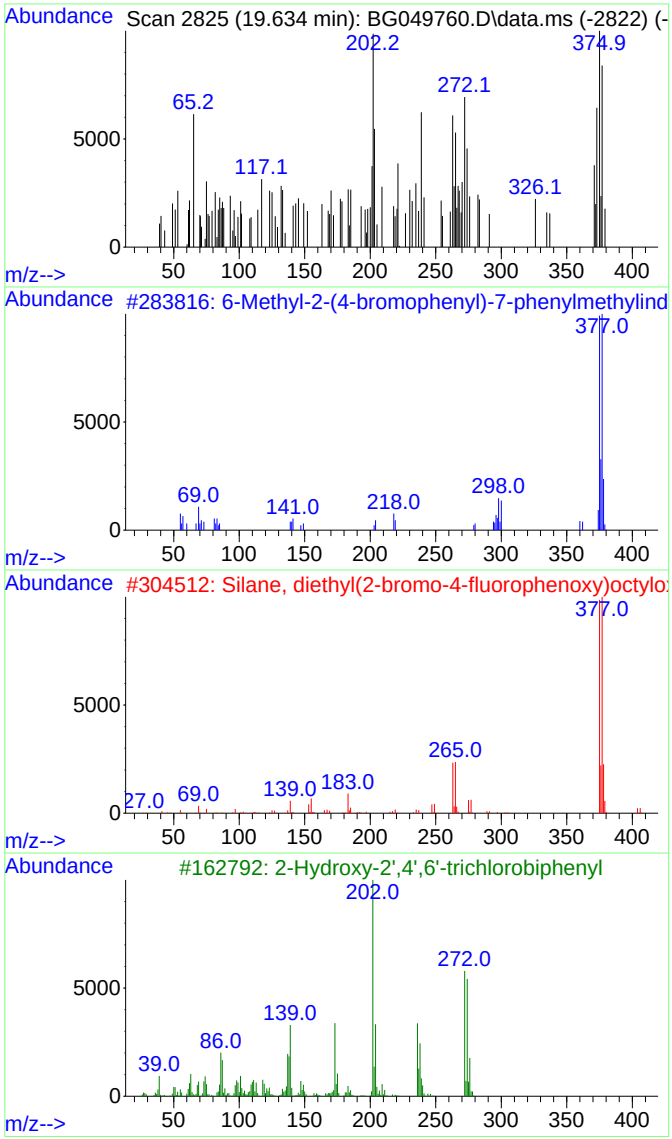
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

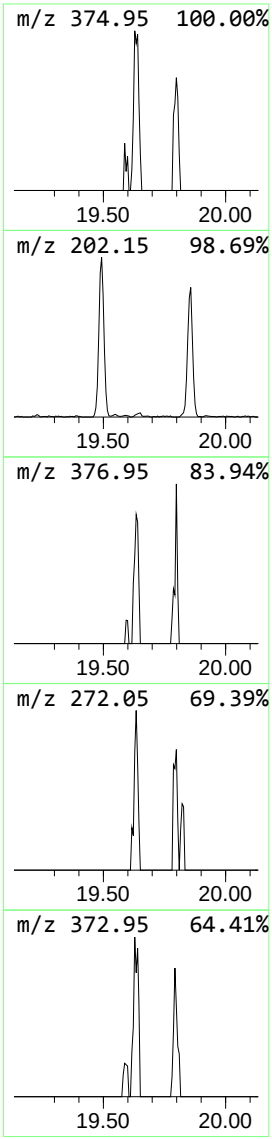
****

Peak Number 7 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.634	8.29 ng/ul	31291	Chrysene-d12	21.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-2-(4-bromophenyl)-7-phe...	375	C22H18BrN	072768-16-2	27
2	Silane, diethyl(2-bromo-4-fluoro...	404	C18H30BrFO2Si	1000363-17-9	25
3	2-Hydroxy-2',4',6'-trichlorobiph...	272	C12H7Cl3O	014962-29-9	18
4	2-Hydroxy-2',5,5'-trichlorobiphenyl	272	C12H7Cl3O	059852-81-2	18
5	6,8-Dichloro-2-(1-adamantanyl)-4...	375	C20H19Cl2NO2	049647-91-8	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049760.D
Acq On : 10 Aug 2021 17:05
Operator : CG/JU
Sample : M3182-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00D4

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...	3.139	54.4	ng/ul	447450	1	8.038	164658	20.0
unknown-01	3.949	2.4	ng/ul	19600	1	8.038	164658	20.0
p-Xylene	5.647	2.1	ng/ul	17232	1	8.038	164658	20.0
Anthracene, 2-m...	18.318	2.3	ng/ul	48417	4	17.443	421352	20.0
Phenanthrene, 4...	18.365	2.6	ng/ul	53836	4	17.443	421352	20.0
Phenanthrene, 3...	19.235	2.4	ng/ul	50812	4	17.443	421352	20.0
unknown-02	19.634	8.3	ng/ul	31291	5	21.719	75511	20.0