LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049704.D
Acq On : 7 Aug 2021 14:02
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E1

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: BG049704.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.078	3	7	15	rVB	90319	179151	27.56%	2.540%
2	3.155	15	20	37	rVB	332935	600616	92.41%	8.517%
3	3.859	137	140	149	rBV2	20066	35950	5.53%	0.510%
4	3.953	153	156	164	rVB4	13094	19629	3.02%	0.278%
5	4.746	289	291	296	rVB4	3579	4131	0.64%	0.059%
6	5.128	349	356	358	rBV4	3834	7848	1.21%	0.111%
7	5.663	444	447	448	rBV	2341	2397	0.37%	0.034%
8	6.027	506	509	515	rBV6	4144	6510	1.00%	0.092%
9	6.303	550	556	557	rBV2	1769	2500	0.38%	0.035%
10	7.196	701	708	716	rBV	91696	169623	26.10%	2.405%
11	7.361	730	736	744	rBV	59409	102607	15.79%	1.455%
12	7.572	765	772	779	rBV2	86485	157933	24.30%	2.240%
13	7.660	783	787	790	rVV3	4353	5940	0.91%	0.084%
14	7.690	790	792	794	rVB3	2523	2005	0.31%	0.028%
15	8.042	844	852	859	rVB	100372	179880	27.68%	2.551%
16	8.330	897	901	904	rVB2	1736	2718	0.42%	0.039%
17	8.565	937	941	943	rVB	1730	1933	0.30%	0.027%
18	8.747	966	972	980	rBV	82103	147075	22.63%	2.086%
19	8.870	989	993	996	rBV2	2986	4847	0.75%	0.069%
20	9.211	1044	1051	1057	rBV2	91513	165710	25.50%	2.350%
21	9.610	1115	1119	1121	rVB2	2169	2022	0.31%	0.029%
22	9.699	1130	1134	1136	rBV3	1515	2035	0.31%	0.029%
23	9.939	1167	1175	1184	rBV	85432	160885	24.75%	2.281%
24	10.028	1188	1190	1194	rBV2	2188	2546	0.39%	0.036%
25	10.480	1261	1267	1277	rVB2	112579	207834	31.98%	2.947%
26	10.627	1287	1292	1299	rBV3	16230	27853	4.29%	0.395%
27	10.709	1302	1306	1309	rBV	2088	2727	0.42%	0.039%
28	10.862	1318	1332	1338	rBV	140463	260142	40.02%	3.689%
29	10.997	1348	1355	1366	rBV3	69404	139359	21.44%	1.976%
30	11.567	1448	1452	1456	rVB2	2254	3817	0.59%	0.054%
31	11.672	1467	1470	1472	rBV2	1632	1846	0.28%	0.026%
32	11.878	1501	1505	1510	rVB2	6351	10205	1.57%	0.145%
33	12.272	1567	1572	1576	rVB4	8798	13308	2.05%	0.189%
34	12.442	1599	1601	1603	rBV	1830	2029	0.31%	0.029%
35	12.495	1606	1610	1611	rVV2	2118	2660	0.41%	0.038%
36	12.518	1611	1614	1620	rVB3	7427	12063	1.86%	0.171%

LSC Area Percent Report

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Acq On : 7 Aug 2021 14:02
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E1

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	12.659	1636	1638	1641	rVB2	2065	1712	0.26%	0.024%
38	12.736	1645	1651	1658	rVB2	5143	7974	1.23%	0.113%
39	12.888	1673	1677	1680	rBV	1275	1783	0.27%	0.025%
40	13.076	1706	1709	1716	rVB3	2647	4921	0.76%	0.070%
41	13.217	1728	1733	1738	rBV3	5089	6565	1.01%	0.093%
42	13.505	1777	1782	1790	rVB6	12273	22855	3.52%	0.324%
43	13.728	1816	1820	1822	rVB	1804	2160	0.33%	0.031%
44	13.864	1838	1843	1844	rBV2	3424	5310	0.82%	0.075%
45	13.969	1858	1861	1864	rBV	1824	1944	0.30%	0.028%
46	14.005	1864	1867	1873	rBV5	6948	12321	1.90%	0.175%
47	14.093	1874	1882	1888	rVV	211899	326772	50.28%	4.634%
48	14.163	1891	1894	1899	rVB2	4986	4976	0.77%	0.071%
49	14.245	1903	1908	1911	rBV2	3044	3710	0.57%	0.053%
50	14.386	1925	1932	1943	rBV	221702	360573	55.48%	5.113%
51	14.574	1960	1964	1969	rBV2	15963	21947	3.38%	0.311%
52	14.651	1973	1977	1978	rBV	4126	4612	0.71%	0.065%
53	14.692	1978	1984	1991	rVB	216044	337501	51.93%	4.786%
54	14.768	1996	1997	2002	rVB3	2159	2875	0.44%	0.041%
55	14.892	2012	2018	2029	rBV3	74673	151651	23.33%	2.150%
56	15.044	2040	2044	2047	rBV4	4104	6005	0.92%	0.085%
57	15.091	2049	2052	2056	rVB2	9162	10430	1.60%	0.148%
58	15.162	2060	2064	2067	rBV4	5523	8325	1.28%	0.118%
59	15.309	2085	2089	2094	rBV3	5138	7625	1.17%	0.108%
60	15.362	2094	2098	2103	rVB2	6619	9665	1.49%	0.137%
61	15.420	2106	2108	2114	rVB3	3051	3922	0.60%	0.056%
62	15.473	2114	2117	2119	rBV2	4315	4626	0.71%	0.066%
63	15.526	2122	2126	2131	rVB2	16335	23125	3.56%	0.328%
64	15.597	2134	2138	2143	rBV3	1528	2902	0.45%	0.041%
65	15.685	2145	2153	2159	rBV2	291647	442495	68.08%	6.275%
66	15.732	2159	2161	2165	rVB3	6978	7323	1.13%	0.104%
67	15.808	2168	2174	2182	rBV	91957	139505	21.46%	1.978%
68	15.861	2182	2183	2188	rVB2	2524	2775	0.43%	0.039%
69	15.931	2188	2195	2197	rBV5	5939	10503	1.62%	0.149%
70	16.078	2218	2220	2223	rBV3	2463	2910	0.45%	0.041%
71	16.113	2223	2226	2228	rBV2	1883	2354	0.36%	0.033%
72	16.143	2230	2231	2235	rVB2	2129	2091	0.32%	0.030%
73	16.272	2252	2253	2258	rVB	5230	3899	0.60%	0.055%
74	16.390	2269	2273	2276	rBV2	20754	28332	4.36%	0.402%
75	16.466	2285	2286	2289	rVB	2817	2480	0.38%	0.035%
76	16.507	2289	2293	2295	rBV2	2628	2805	0.43%	0.040%

LSC Area Percent Report

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Acq On : 7 Aug 2021 14:02
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E1

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

77	16.619	2311	2312	2315	rBV2	2019	2145	0.33%	0.030%
78	16.666	2318	2320	2323	rBV2	1980	1864	0.29%	0.026%
79	16.719	2325	2329	2330	rBV2	2687	2749	0.42%	0.039%
80	16.977	2368	2373	2375	rBV3	8291	12093	1.86%	0.171%
81	17.094	2390	2393	2399	rBV5	9718	14546	2.24%	0.206%
82	17.183	2405	2408	2413	rVB3	23775	30514	4.69%	0.433%
83	17.447	2446	2453	2457	rVV	251503	397197	61.11%	5.632%
84	17.488	2457	2460	2464	rVV	43026	60884	9.37%	0.863%
85	17.541	2464	2469	2480	rVB	293095	460240	70.81%	6.526%
86	17.641	2480	2486	2488	rBV5	4805	8616	1.33%	0.122%
87	17.717	2497	2499	2501	rBV3	3840	4327	0.67%	0.061%
88	17.846	2519	2521	2524	rVB4	4870	3279	0.50%	0.046%
89	17.929	2531	2535	2540	rVB3	19680	28109	4.32%	0.399%
90	18.099	2560	2564	2567	rBV4	4912	7243	1.11%	0.103%
91	18.128	2567	2569	2570	rVV	3475	2000	0.31%	0.028%
92	18.322	2597	2602	2606	rBV2	31237	51982	8.00%	0.737%
93	18.369	2607	2610	2616	rVB2	29016	41901	6.45%	0.594%
94	18.510	2629	2634	2639	rBV3	20281	36125	5.56%	0.512%
95	18.616	2649	2652	2657	rVB3	21429	28334	4.36%	0.402%
96	18.816	2683	2686	2691	rVB3	17081	24936	3.84%	0.354%
97	18.863	2691	2694	2698	rBV6	8228	11898	1.83%	0.169%
98	19.497	2798	2802	2808	rVB	97165	133873	20.60%	1.898%
99	19.832	2853	2859	2872	rVB3	366360	649958	100.00%	9.217%
100	21.724	3176	3181	3186	rVB	230218	380519	58.55%	5.396%

Sum of corrected areas: 7051925

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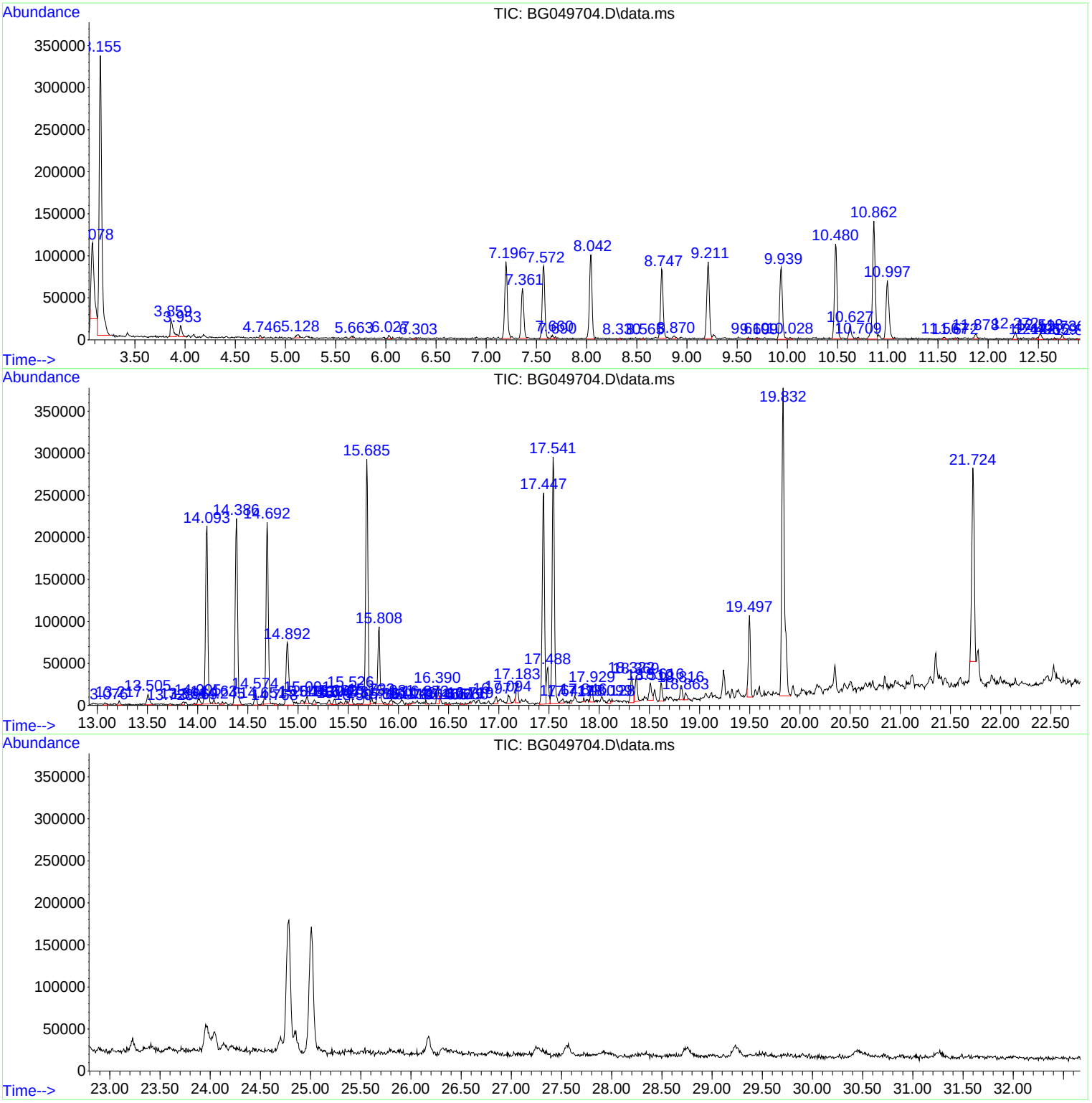
Sample : M3208-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E1

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049704.D
Acq On : 7 Aug 2021 14:02
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E1

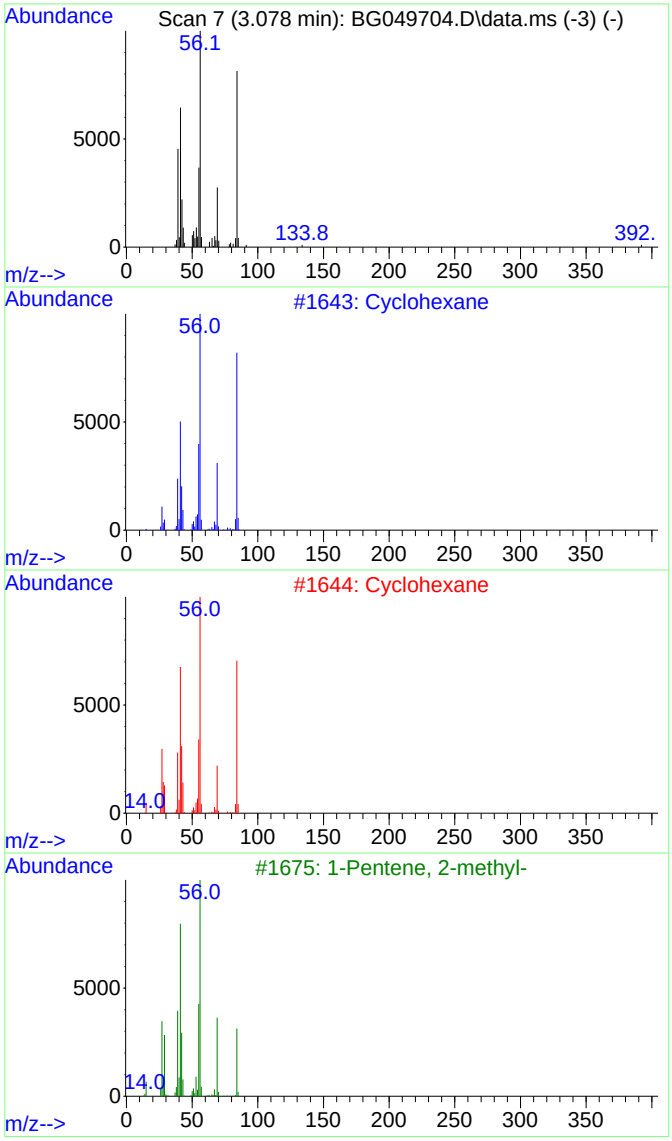
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

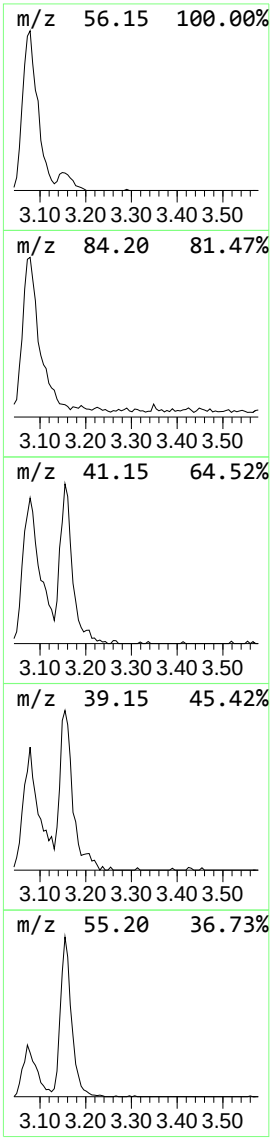
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.078 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.078	19.92 ng/ul	179151	1,4-Dichlorobenzene-d4	8.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	81
2	Cyclohexane	84	C6H12	000110-82-7	74
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4	Cyclohexane	84	C6H12	000110-82-7	68
5	Cyclohexane	84	C6H12	000110-82-7	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049704.D
Acq On : 7 Aug 2021 14:02
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E1

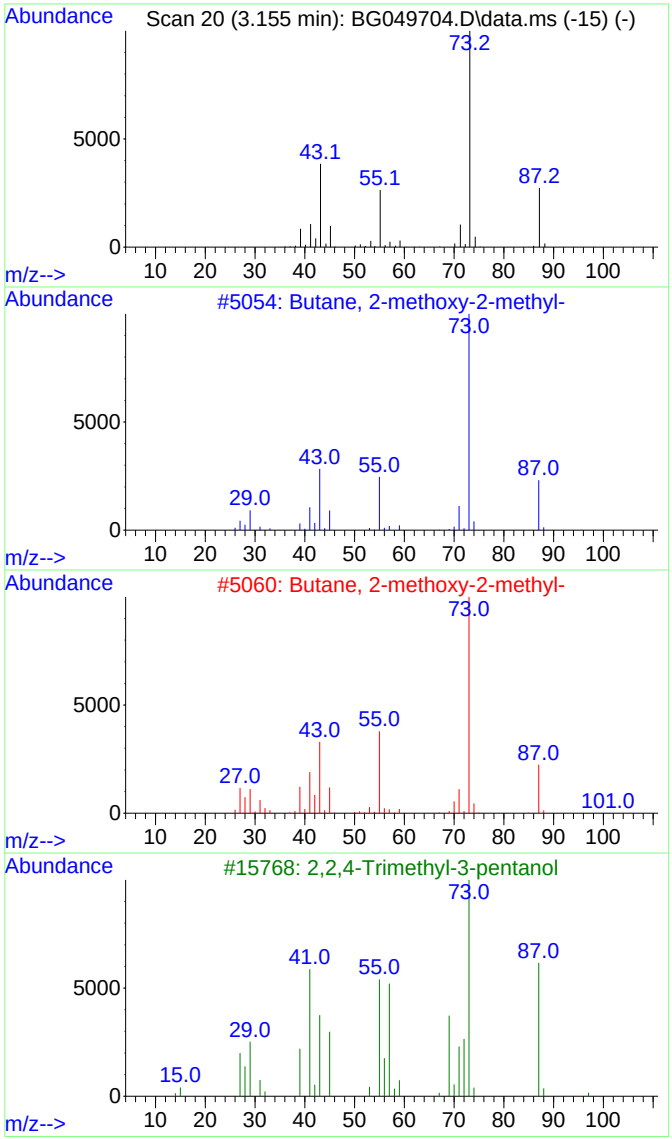
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

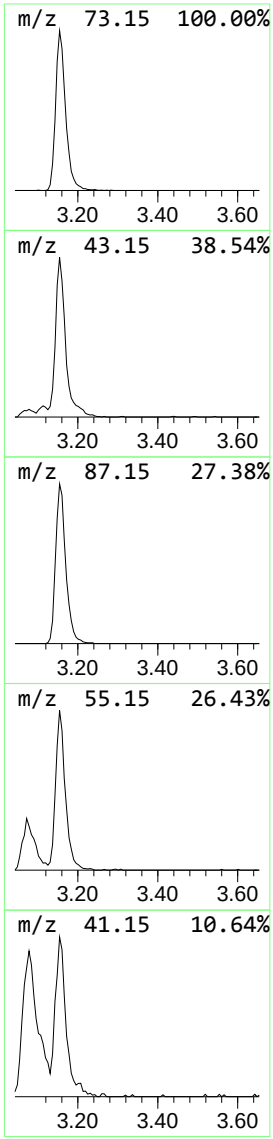
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.155	66.78 ng/ul	600616	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	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27





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Sample : M3208-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E1

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

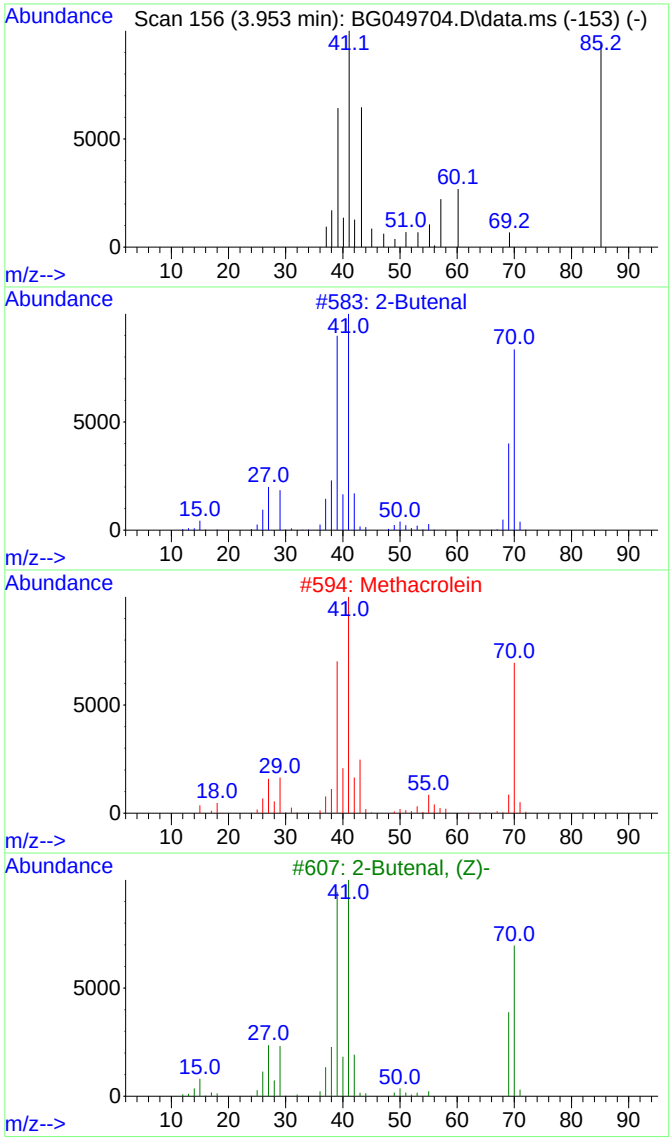
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

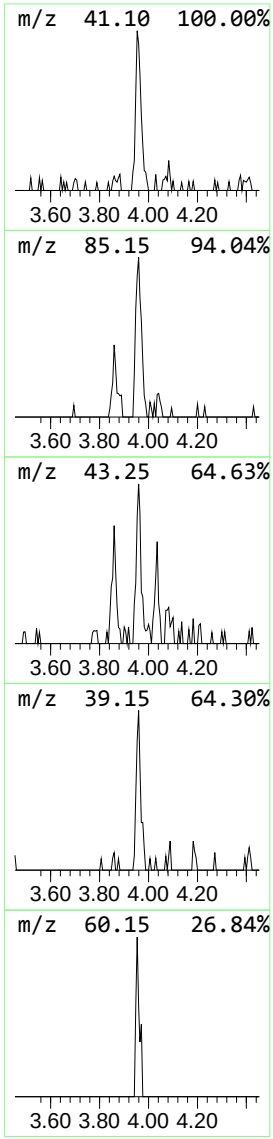
****

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.953	2.18 ng/ul	19629	1,4-Dichlorobenzene-d4	8.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal	70	C4H6O	004170-30-3	38
2	Methacrolein	70	C4H6O	000078-85-3	25
3	2-Butenal, (Z)-	70	C4H6O	015798-64-8	17
4	1-Methoxy-1-buten-3-yne	82	C5H6O	002798-73-4	12
5	Chloro(prop-2-yn-1-yloxy)methanone	118	C4H3ClO2	035718-08-2	10





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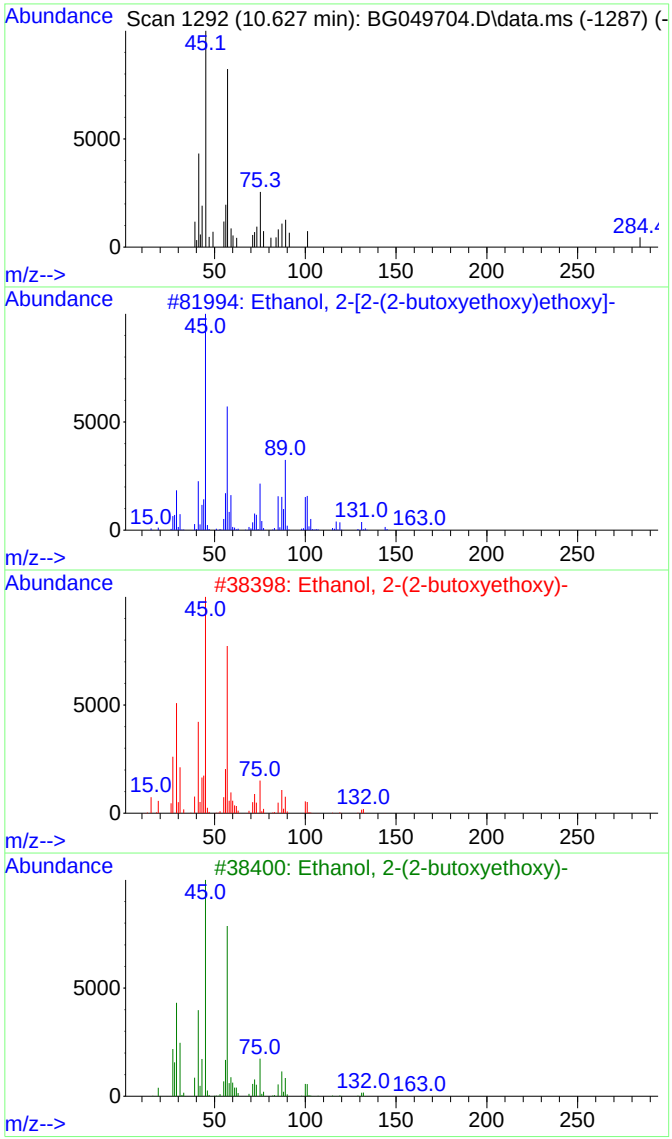
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

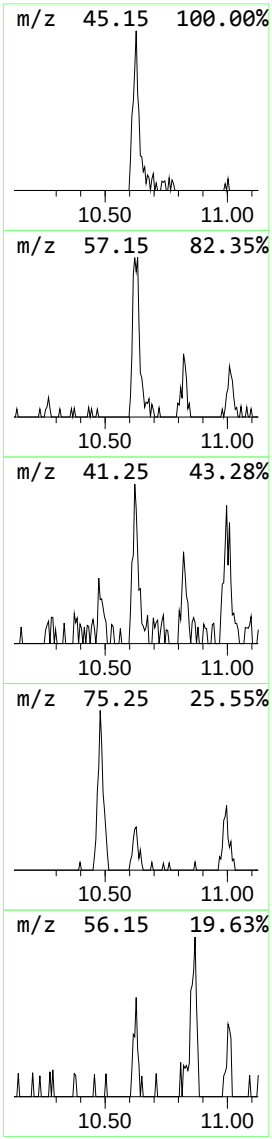
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	2.14 ng/ul	27853	Naphthalene-d8	10.862

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	72
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56





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Data File : BG049704.D
Acq On : 7 Aug 2021 14:02
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E1

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

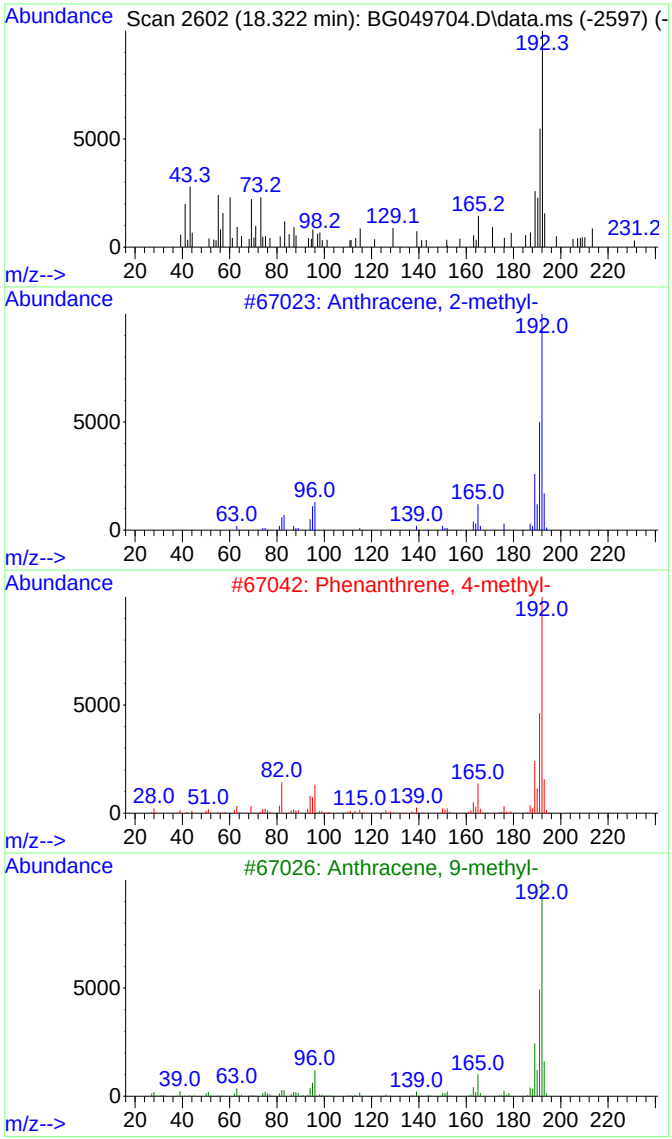
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

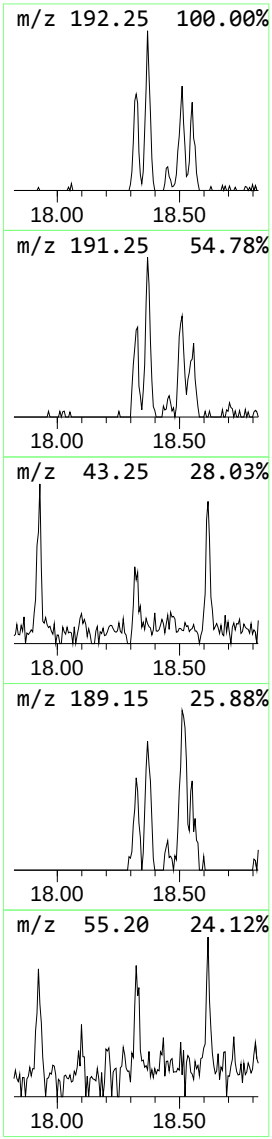
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	2.62 ng/ul	51982	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049704.D
Acq On : 7 Aug 2021 14:02
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E1

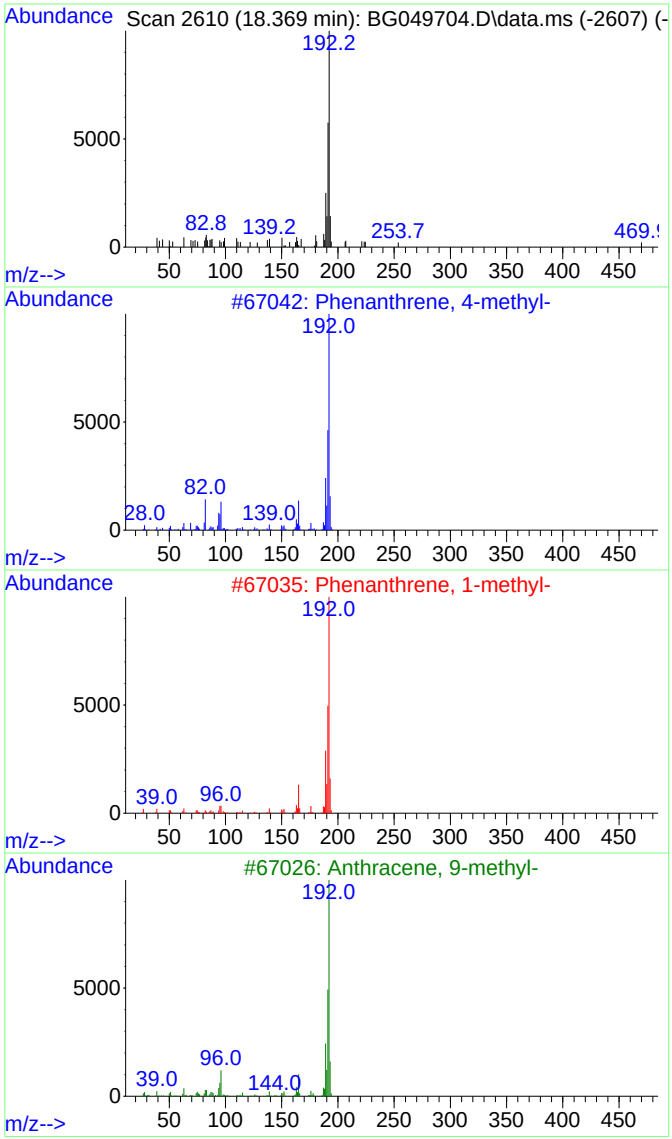
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

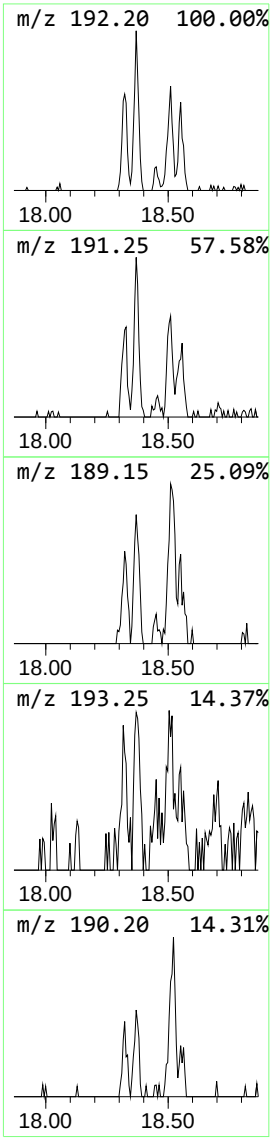
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	2.11 ng/ul	41901	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049704.D
Acq On : 7 Aug 2021 14:02
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E1

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...	3.078	19.9	ng/ul	179151	1	8.042	179880	20.0
Butane, 2-metho...	3.155	66.8	ng/ul	600616	1	8.042	179880	20.0
unknown-01	3.953	2.2	ng/ul	19629	1	8.042	179880	20.0
Ethanol, 2-[2-(...	10.627	2.1	ng/ul	27853	2	10.862	260142	20.0
Anthracene, 2-m...	18.322	2.6	ng/ul	51982	4	17.447	397197	20.0
Phenanthrene, 4...	18.369	2.1	ng/ul	41901	4	17.447	397197	20.0