LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049479.D
Acq On : 26 Jul 2021 15:13
Operator : CG/JU
Sample : M3082-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0008

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: BG049479.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	17	rBV2	77935	196012	61.31%	4.570%
2	3.166	17	22	41	rVB	140698	287061	89.78%	6.693%
3	3.877	140	143	149	rBV3	9549	15694	4.91%	0.366%
4	5.169	361	363	366	rBV2	1542	1066	0.33%	0.025%
5	5.575	429	432	434	rBV	1975	2005	0.63%	0.047%
6	5.610	437	438	441	rBV2	1308	1107	0.35%	0.026%
7	6.039	509	511	516	rVB4	2100	2688	0.84%	0.063%
8	6.156	529	531	534	rVB2	1664	1165	0.36%	0.027%
9	6.191	534	537	540	rBV2	1508	2061	0.64%	0.048%
10	6.514	588	592	594	rBV2	1088	1385	0.43%	0.032%
11	6.561	598	600	601	rBV	1131	994	0.31%	0.023%
12	7.031	677	680	683	rBV	1629	1750	0.55%	0.041%
13	7.084	686	689	691	rBV	1521	1199	0.38%	0.028%
14	7.119	693	695	697	rBV	1317	1035	0.32%	0.024%
15	7.202	702	709	715	rBV3	42286	81982	25.64%	1.911%
16	7.372	732	738	745	rBV	29640	52324	16.37%	1.220%
17	7.578	767	773	782	rBV3	42277	80449	25.16%	1.876%
18	7.666	786	788	792	rVB3	2559	2395	0.75%	0.056%
19	8.048	845	853	865	rBV	80552	144043	45.05%	3.358%
20	8.136	867	868	870	rBV	1282	1155	0.36%	0.027%
21	8.753	967	973	983	rBV2	46997	83089	25.99%	1.937%
22	8.882	989	995	997	rBV	2785	4058	1.27%	0.095%
23	9.040	1019	1022	1023	rBV	1157	1210	0.38%	0.028%
24	9.129	1035	1037	1040	rVB	1267	1282	0.40%	0.030%
25	9.217	1046	1052	1058	rBV	48992	83630	26.16%	1.950%
26	9.358	1073	1076	1080	rBV	986	1612	0.50%	0.038%
27	9.504	1099	1101	1103	rBV	1477	1191	0.37%	0.028%
28	9.551	1107	1109	1113	rBV	704	1202	0.38%	0.028%
29	9.669	1126	1129	1132	rBV	1132	1176	0.37%	0.027%
30	9.775	1145	1147	1151	rBV	818	1009	0.32%	0.024%
31	9.945	1170	1176	1185	rBV	41438	74227	23.22%	1.731%
32	10.221	1220	1223	1227	rBV	880	1205	0.38%	0.028%
33	10.274	1227	1232	1235	rBV	1031	1561	0.49%	0.036%
34	10.486	1261	1268	1278	rVB2	51311	96463	30.17%	2.249%
35	10.562	1278	1281	1283	rVB2	1281	1252	0.39%	0.029%
36	10.632	1287	1293	1298	rBV4	8142	14143	4.42%	0.330%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : C0008

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	10.867	1322	1333	1339	rBV	102316	194412	60.81%	4.533%
38	11.002	1350	1356	1367	rVB	34216	67163	21.01%	1.566%
39	11.566	1451	1452	1458	rVB	1107	1543	0.48%	0.036%
40	11.631	1458	1463	1464	rBV	1069	1073	0.34%	0.025%
41	11.878	1503	1505	1511	rVB2	2671	4732	1.48%	0.110%
42	12.283	1566	1574	1578	rVB3	5949	10044	3.14%	0.234%
43	12.530	1610	1616	1617	rBV2	4805	6157	1.93%	0.144%
44	12.735	1646	1651	1657	rVB2	3173	6113	1.91%	0.143%
45	12.824	1663	1666	1669	rVB2	907	1233	0.39%	0.029%
46	13.047	1701	1704	1706	rVB2	1738	1449	0.45%	0.034%
47	13.229	1731	1735	1738	rVB4	2623	3161	0.99%	0.074%
48	13.517	1778	1784	1787	rBV4	9153	14562	4.55%	0.339%
49	13.617	1800	1801	1806	rBV4	1099	1476	0.46%	0.034%
50	13.857	1839	1842	1849	rBV2	2564	5637	1.76%	0.131%
51	13.922	1849	1853	1854	rBV2	1201	1713	0.54%	0.040%
52	14.016	1864	1869	1874	rBV4	5307	9011	2.82%	0.210%
53	14.092	1876	1882	1889	rVV	101513	157308	49.20%	3.667%
54	14.175	1891	1896	1899	rVB3	2586	3879	1.21%	0.090%
55	14.245	1907	1908	1912	rVB	2746	2542	0.80%	0.059%
56	14.333	1922	1923	1925	rBV	1541	1196	0.37%	0.028%
57	14.392	1926	1933	1943	rVB	104132	173596	54.30%	4.047%
58	14.545	1955	1959	1960	rBV	948	1157	0.36%	0.027%
59	14.580	1960	1965	1971	rVB3	8771	11877	3.71%	0.277%
60	14.697	1979	1985	1992	rVB2	150308	245188	76.69%	5.716%
61	14.838	2003	2009	2013	rBV2	3081	5392	1.69%	0.126%
62	14.891	2013	2018	2022	rBV2	33095	54553	17.06%	1.272%
63	14.944	2022	2027	2038	rVB	123584	220440	68.95%	5.139%
64	15.091	2050	2052	2057	rVB3	7984	9403	2.94%	0.219%
65	15.167	2060	2065	2068	rBV2	3943	5155	1.61%	0.120%
66	15.261	2079	2081	2084	rBV2	980	993	0.31%	0.023%
67	15.308	2085	2089	2093	rVV2	3516	5585	1.75%	0.130%
68	15.373	2093	2100	2102	rVB2	3762	6344	1.98%	0.148%
69	15.426	2106	2109	2111	rBV2	1198	1510	0.47%	0.035%
70	15.485	2115	2119	2121	rVV	3424	5217	1.63%	0.122%
71	15.532	2124	2127	2133	rVB3	11864	15535	4.86%	0.362%
72	15.690	2144	2154	2160	rBV	136645	224756	70.30%	5.240%
73	15.743	2160	2163	2168	rVV2	8763	12977	4.06%	0.303%
74	15.802	2168	2173	2180	rVB3	39239	60455	18.91%	1.409%
75	16.013	2207	2209	2210	rBV3	2390	1073	0.34%	0.025%
76	16.037	2210	2213	2220	rVB3	4737	6741	2.11%	0.157%

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Sample : M3082-10
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Instrument : BNA_G
ClientSampleId : C0008

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Title : SVOA CALIBRATION

77	16.125	2226	2228	2231	rVB	2304	1862	0.58%	0.043%
78	16.154	2231	2233	2236	rBV2	3036	3705	1.16%	0.086%
79	16.284	2250	2255	2258	rVB	1897	2960	0.93%	0.069%
80	16.325	2259	2262	2266	rVB2	3565	4067	1.27%	0.095%
81	16.395	2270	2274	2276	rBV3	12080	13652	4.27%	0.318%
82	16.454	2283	2284	2288	rBV	1584	2069	0.65%	0.048%
83	16.612	2309	2311	2314	rBV	1958	2173	0.68%	0.051%
84	16.671	2320	2321	2324	rVB	1507	1144	0.36%	0.027%
85	16.724	2327	2330	2331	rBV	1999	1882	0.59%	0.044%
86	16.953	2366	2369	2370	rBV	2108	2209	0.69%	0.052%
87	16.977	2370	2373	2375	rBV3	3014	4066	1.27%	0.095%
88	17.100	2390	2394	2400	rVB5	7482	12099	3.78%	0.282%
89	17.188	2402	2409	2413	rBV3	14425	21099	6.60%	0.492%
90	17.329	2430	2433	2440	rBV2	2746	4916	1.54%	0.115%
91	17.447	2447	2453	2457	rBV	201927	303127	94.81%	7.067%
92	17.488	2457	2460	2465	rVV	91904	133425	41.73%	3.111%
93	17.547	2465	2470	2480	rVB	148392	249784	78.12%	5.823%
94	17.758	2504	2506	2511	rVB3	6183	7605	2.38%	0.177%
95	17.928	2532	2535	2539	rVB3	11910	14081	4.40%	0.328%
96	18.328	2598	2603	2607	rBV2	42986	63336	19.81%	1.477%
97	18.516	2631	2635	2639	rBV5	22474	36907	11.54%	0.860%
98	18.622	2649	2653	2657	rBV5	15551	21740	6.80%	0.507%
99	19.497	2797	2802	2808	rVB	176800	253396	79.25%	5.908%
100	19.832	2854	2859	2862	rBV2	193175	319727	100.00%	7.454%

Sum of corrected areas: 4289262

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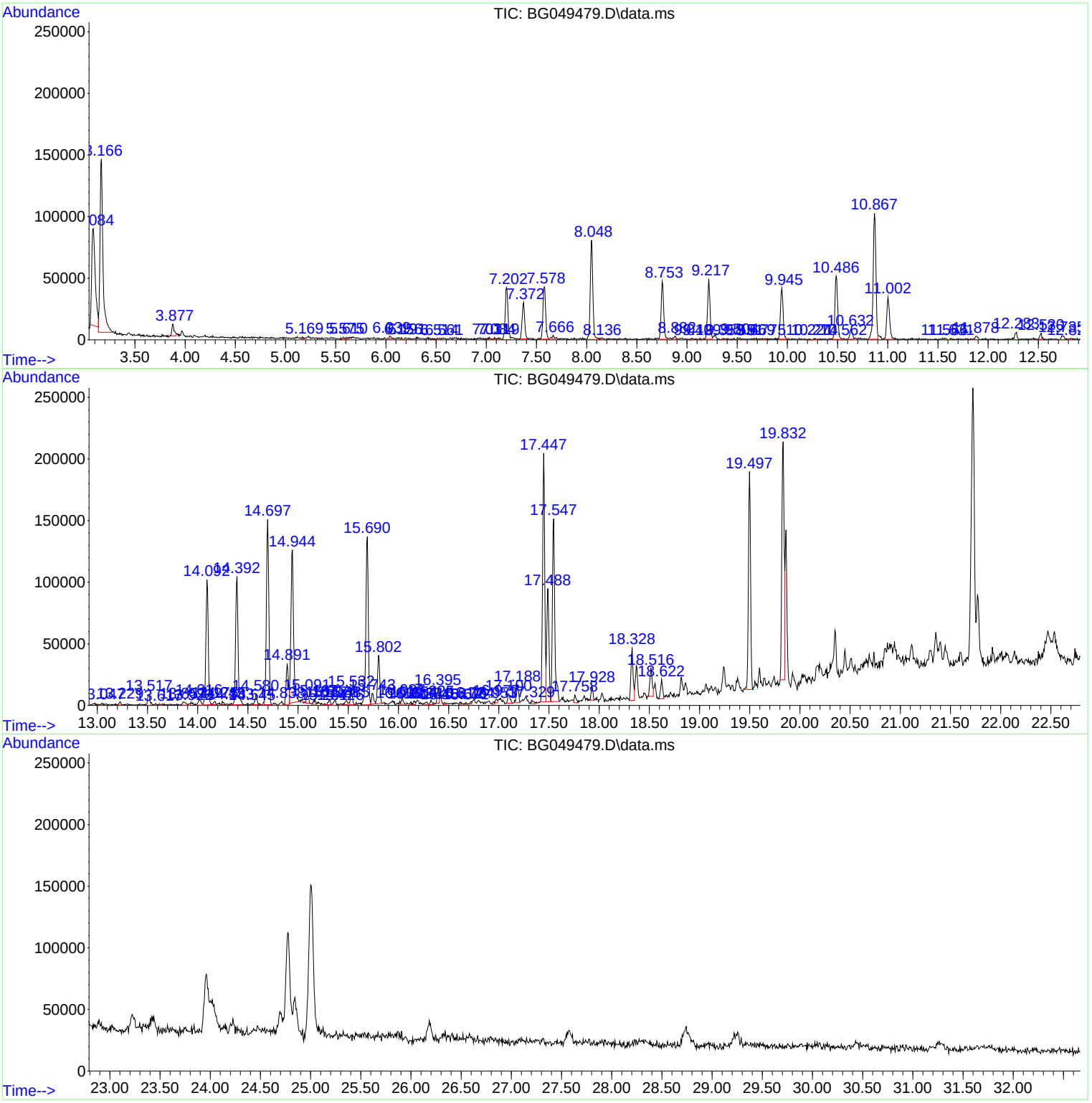
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0008

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 : BG049479.D
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Instrument : BNA_G
ClientSampleId : C0008

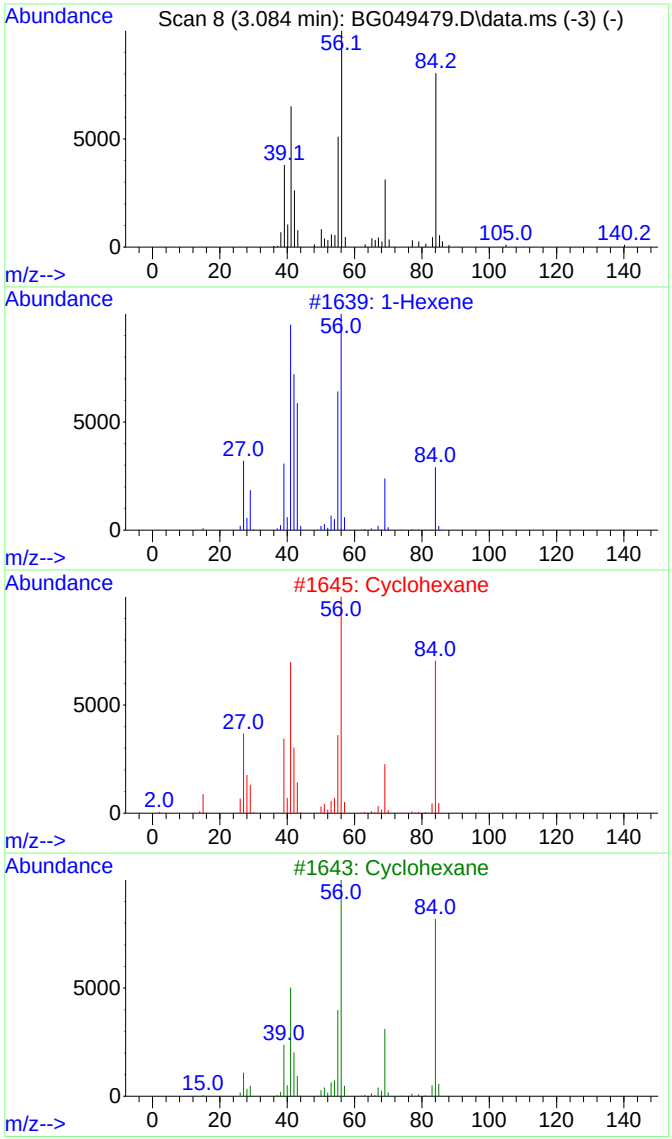
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

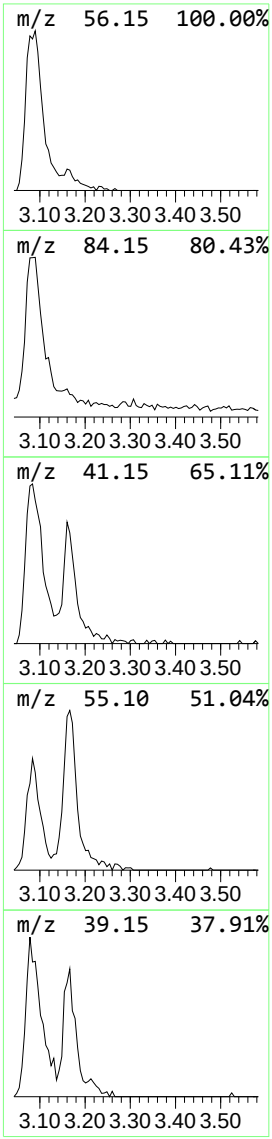
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.084	27.22 ng/ul	196012	1,4-Dichlorobenzene-d4	8.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	90
4	Cyclohexane	84	C6H12	000110-82-7	87
5	Cyclohexane	84	C6H12	000110-82-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049479.D
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Sample : M3082-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0008

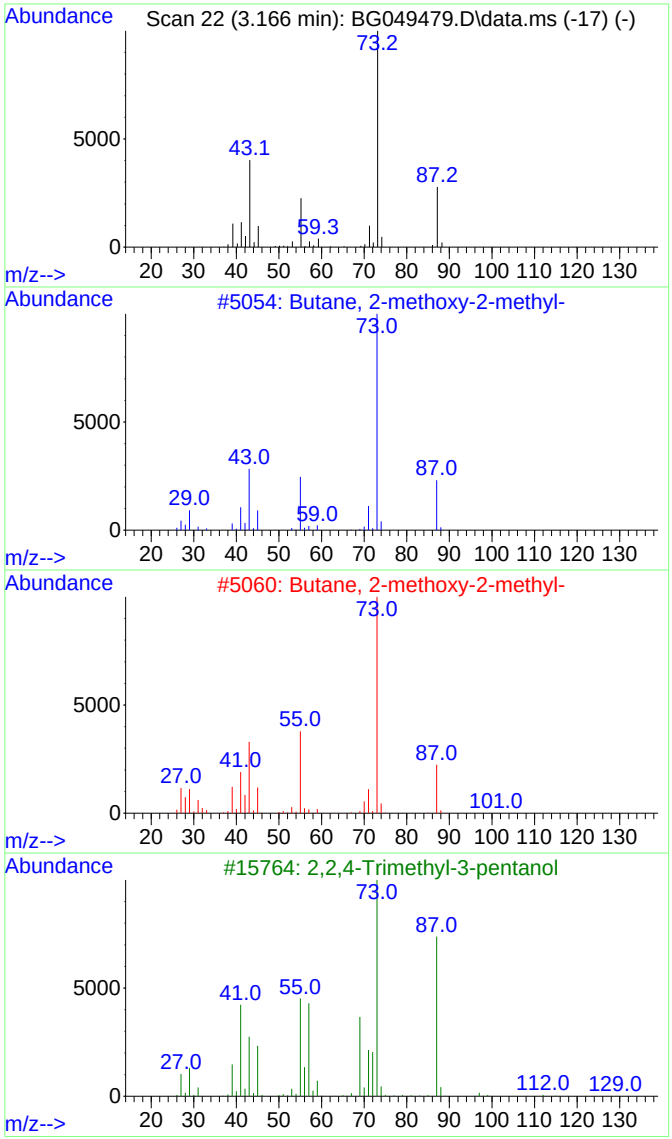
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

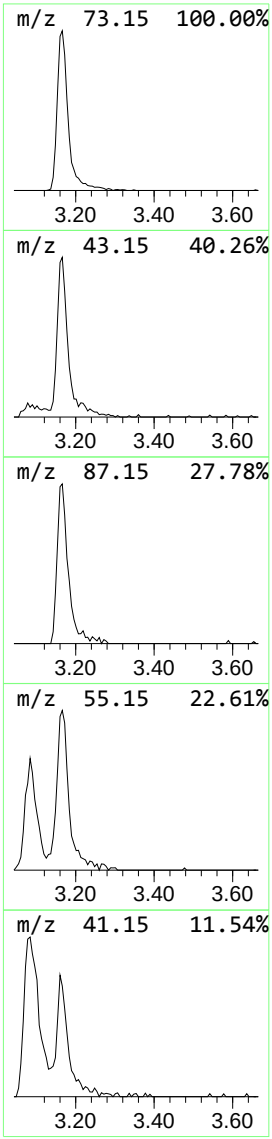
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.166	39.86 ng/ul	287061	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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12





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Instrument : BNA_G
ClientSampleId : C0008

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

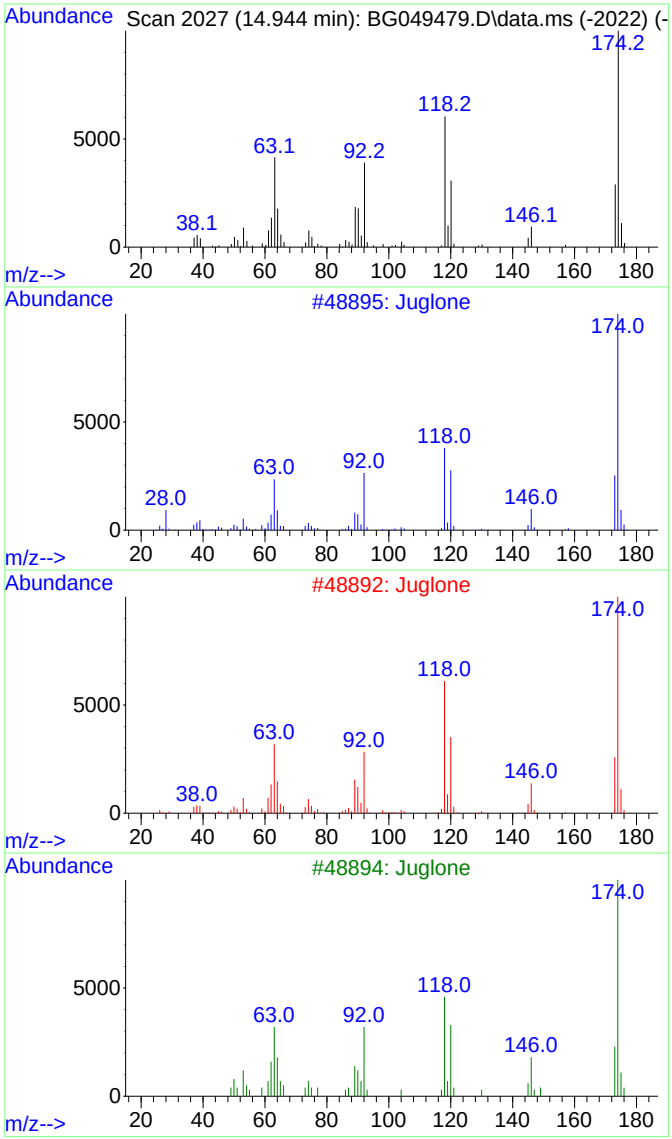
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

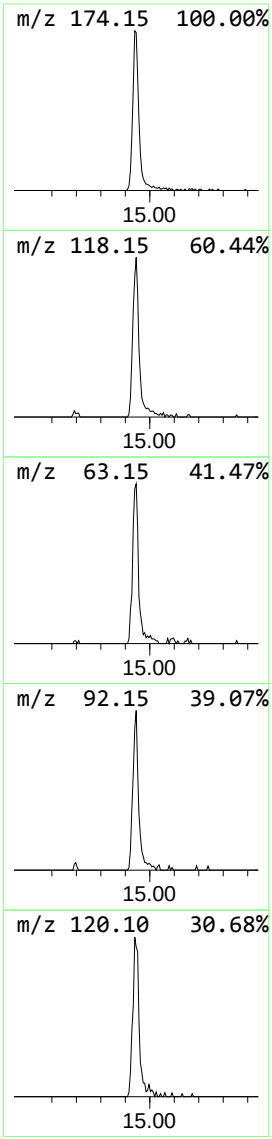
****

Peak Number 3 Juglone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.944	17.98 ng/ul	220440	Acenaphthene-d10	14.697

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Juglone	174	C10H6O3	000481-39-0	95
2	Juglone	174	C10H6O3	000481-39-0	91
3	Juglone	174	C10H6O3	000481-39-0	83
4	Juglone	174	C10H6O3	000481-39-0	60
5	Benzofuran	118	C8H6O	000271-89-6	43





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

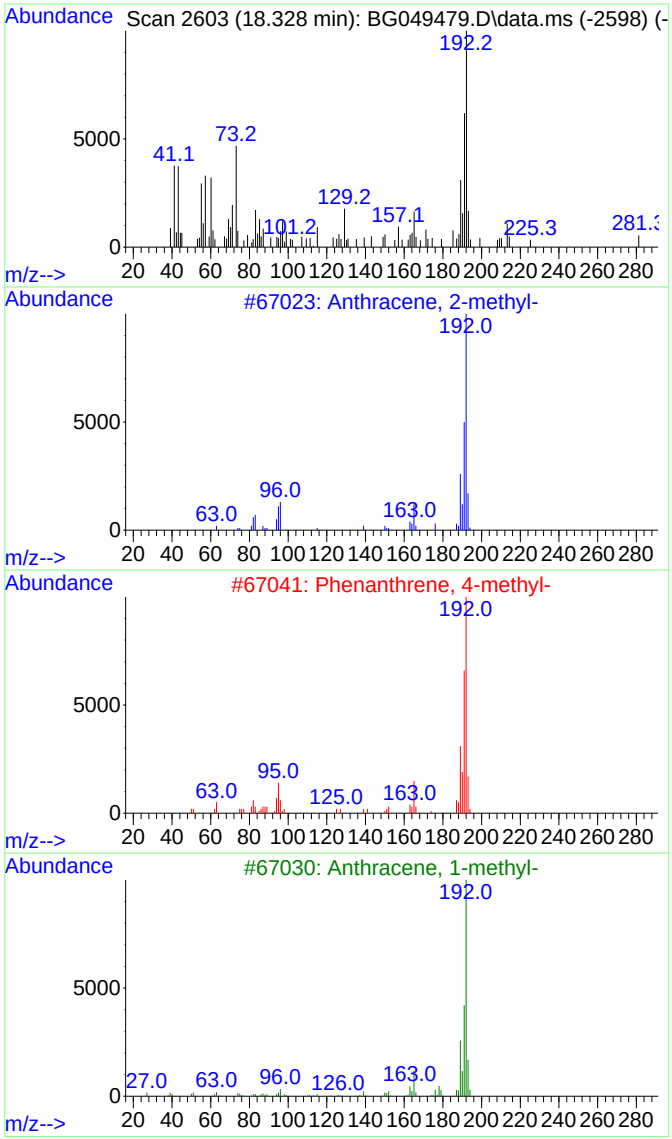
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

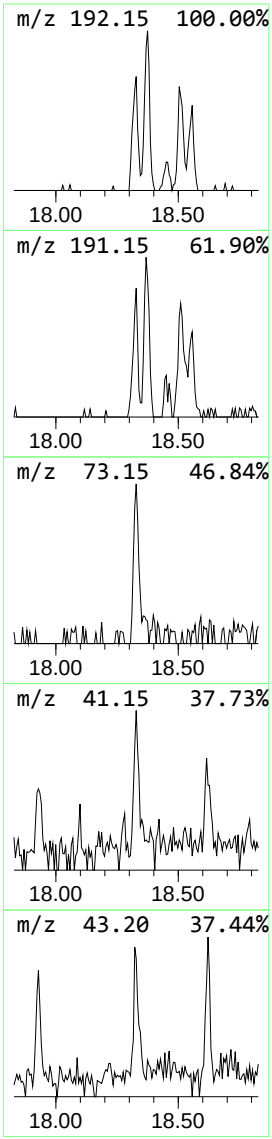
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	4.18 ng/ul	63336	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60





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Sample : M3082-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0008

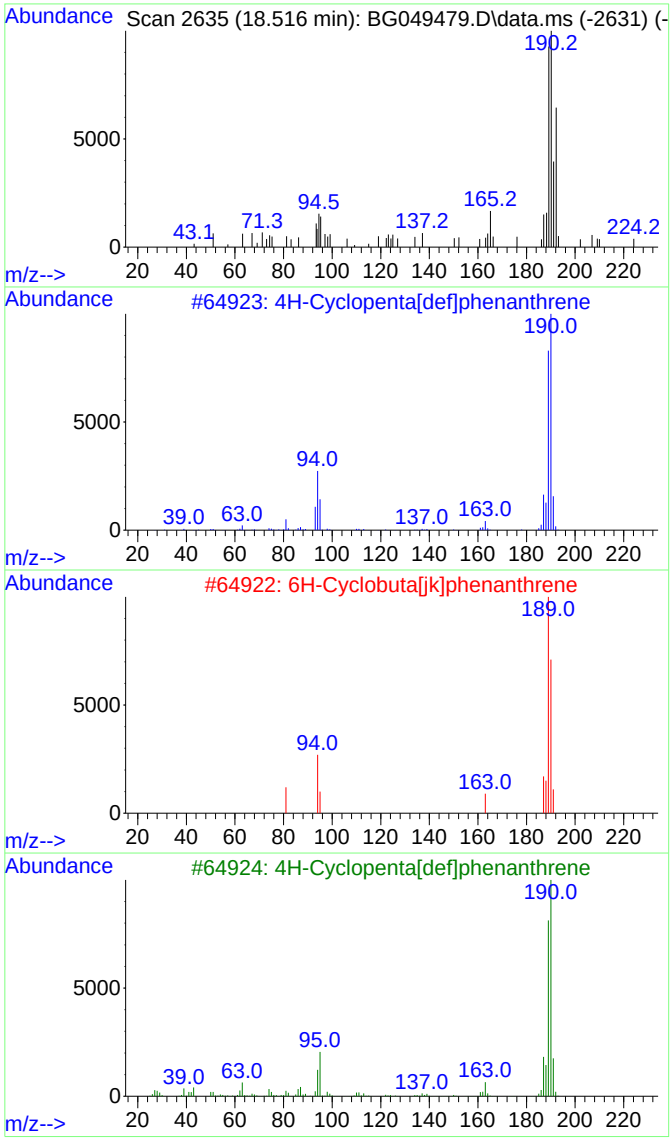
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

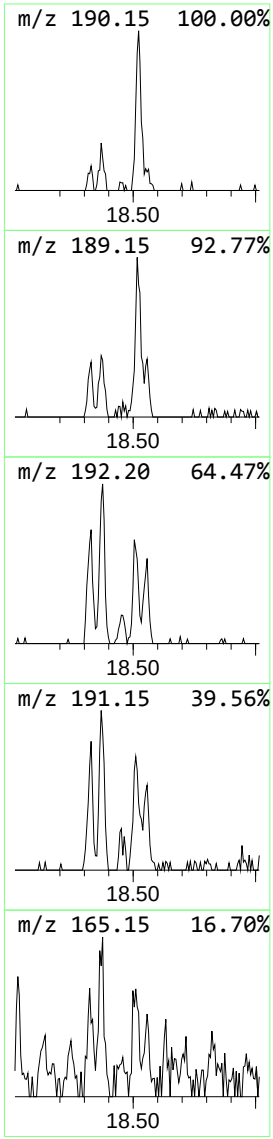
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	2.44 ng/ul	36907	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
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Instrument : BNA_G
ClientSampleId : C0008

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: S...	3.084	27.2	ng/ul	196012	1	8.048	144043	20.0
Butane, 2-metho...	3.166	39.9	ng/ul	287061	1	8.048	144043	20.0
Juglone	14.944	18.0	ng/ul	220440	3	14.697	245188	20.0
Anthracene, 2-m...	18.328	4.2	ng/ul	63336	4	17.447	303127	20.0
4H-Cyclopenta[d...	18.516	2.4	ng/ul	36907	4	17.447	303127	20.0