LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047494.D
Acq On : 1 Dec 2020 11:32
Operator : CG/JU
Sample : L4793-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B49

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\SOM-EPA-BG111920MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.672	54	57	58	rBV2	2384	2262	0.31%	0.047%
2	3.778	74	75	77	rBV2	2270	1682	0.23%	0.035%
3	3.890	93	94	97	rVB2	2154	1889	0.26%	0.039%
4	3.925	97	100	102	rBV3	2025	2325	0.32%	0.048%
5	4.148	135	138	142	rBV2	7343	8813	1.21%	0.183%
6	4.207	146	148	153	rBV	1659	1922	0.26%	0.040%
7	4.389	173	179	181	rBV3	3896	6691	0.92%	0.139%
8	4.595	211	214	217	rBV	1914	2483	0.34%	0.052%
9	4.701	229	232	234	rBV	1783	2000	0.27%	0.042%
10	4.947	272	274	276	rBV	1864	1614	0.22%	0.034%
11	5.006	282	284	287	rBV	1457	1523	0.21%	0.032%
12	5.129	302	305	308	rBV	2214	2943	0.40%	0.061%
13	5.323	335	338	339	rBV	3157	2799	0.38%	0.058%
14	5.464	359	362	363	rBV	1367	1538	0.21%	0.032%
15	5.735	404	408	409	rBV	1568	1534	0.21%	0.032%
16	5.911	435	438	440	rBV	1338	1566	0.21%	0.033%
17	5.987	445	451	452	rBV	912	1635	0.22%	0.034%
18	6.545	544	546	550	rVB	1558	1642	0.23%	0.034%
19	6.681	568	569	574	rBV	1829	1718	0.24%	0.036%
20	6.857	595	599	600	rVB	2111	1520	0.21%	0.032%
21	6.939	611	613	616	rBV2	3869	3554	0.49%	0.074%
22	7.068	631	635	638	rBV2	2471	2758	0.38%	0.057%
23	7.403	685	692	702	rVB4	36755	79198	10.87%	1.646%
24	7.485	702	706	710	rBV4	1507	1754	0.24%	0.036%
25	7.574	716	721	730	rBV2	20464	38657	5.31%	0.803%
26	7.679	737	739	740	rVB2	2997	1532	0.21%	0.032%
27	7.709	742	744	747	rVV2	2188	1991	0.27%	0.041%
28	7.791	752	758	765	rVV3	39574	68782	9.44%	1.429%
29	7.879	772	773	777	rVB	2569	1889	0.26%	0.039%
30	8.067	803	805	807	rBV	2370	2131	0.29%	0.044%
31	8.267	832	839	846	rBV	110217	190150	26.10%	3.951%
32	8.561	885	889	891	rBV	1254	1516	0.21%	0.031%
33	8.619	895	899	901	rVB	1668	1630	0.22%	0.034%
34	8.637	901	902	906	rBV	1893	2276	0.31%	0.047%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047494.D
Acq On : 1 Dec 2020 11:32
Operator : CG/JU
Sample : L4793-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B49

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\SOM-EPA-BG111920MA.M
Title : SVOA CALIBRATION

35	8.825	932	934	936	rVB	1986	1591	0.22%	0.033%
36	8.954	950	956	963	rBB3	33393	56912	7.81%	1.182%
37	9.054	971	973	977	rBV3	1617	1781	0.24%	0.037%
38	9.084	977	978	982	rVB2	2330	2409	0.33%	0.050%
39	9.430	1030	1037	1047	rBV3	36000	69408	9.53%	1.442%
40	9.595	1063	1065	1069	rVB3	2076	1882	0.26%	0.039%
41	10.006	1131	1135	1138	rBV3	1765	1889	0.26%	0.039%
42	10.088	1147	1149	1154	rBV	1695	2205	0.30%	0.046%
43	10.159	1154	1161	1168	rVB3	34878	62895	8.63%	1.307%
44	10.699	1246	1253	1260	rBV3	48322	87767	12.05%	1.824%
45	10.846	1275	1278	1279	rBV3	2495	1690	0.23%	0.035%
46	11.093	1311	1320	1327	rBV	137823	246245	33.81%	5.116%
47	11.211	1334	1340	1349	rBV2	33794	63516	8.72%	1.320%
48	11.375	1364	1368	1374	rBV2	1633	3567	0.49%	0.074%
49	11.763	1433	1434	1436	rBV2	2451	1670	0.23%	0.035%
50	12.239	1513	1515	1518	rVB2	1855	1905	0.26%	0.040%
51	12.262	1518	1519	1523	rBV2	1809	2185	0.30%	0.045%
52	12.521	1560	1563	1565	rBV2	2289	2347	0.32%	0.049%
53	12.879	1622	1624	1629	rVB2	2137	2890	0.40%	0.060%
54	13.443	1717	1720	1722	rBV2	1351	1672	0.23%	0.035%
55	13.484	1724	1727	1730	rBV2	2179	2343	0.32%	0.049%
56	13.760	1770	1774	1778	rVB3	2754	4186	0.57%	0.087%
57	13.872	1792	1793	1796	rBV3	1359	1647	0.23%	0.034%
58	14.107	1832	1833	1836	rBV	2249	1520	0.21%	0.032%
59	14.166	1838	1843	1846	rBV	3563	5997	0.82%	0.125%
60	14.236	1852	1855	1856	rBV	1521	1649	0.23%	0.034%
61	14.272	1856	1861	1865	rVV	99666	145455	19.97%	3.022%
62	14.319	1865	1869	1874	rVB	41433	60546	8.31%	1.258%
63	14.577	1907	1913	1921	rVV	94265	154324	21.19%	3.206%
64	14.883	1958	1965	1972	rBV	215202	353266	48.50%	7.340%
65	15.035	1985	1991	1997	rBV4	28422	52216	7.17%	1.085%
66	15.182	2014	2016	2017	rBV4	2425	1918	0.26%	0.040%
67	15.265	2026	2030	2037	rBV3	6901	12125	1.66%	0.252%
68	15.341	2042	2043	2046	rVB2	2660	2354	0.32%	0.049%
69	15.582	2082	2084	2085	rBV2	2290	1616	0.22%	0.034%
70	15.864	2127	2132	2137	rBV	128289	194638	26.72%	4.044%
71	15.905	2137	2139	2140	rBV	2272	1794	0.25%	0.037%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047494.D
Acq On : 1 Dec 2020 11:32
Operator : CG/JU
Sample : L4793-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B49

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\SOM-EPA-BG111920MA.M
Title : SVOA CALIBRATION

72	15.964	2145	2149	2154	rVB4	30012	43308	5.95%	0.900%
73	16.093	2169	2171	2174	rBV2	2968	3516	0.48%	0.073%
74	16.211	2188	2191	2195	rVB3	4001	5549	0.76%	0.115%
75	16.252	2195	2198	2199	rVB3	1668	1519	0.21%	0.032%
76	16.357	2214	2216	2219	rVV2	6005	5278	0.72%	0.110%
77	16.404	2222	2224	2228	rVB	2191	1569	0.22%	0.033%
78	16.504	2239	2241	2242	rBV	2777	1671	0.23%	0.035%
79	16.534	2244	2246	2248	rVV2	2392	1718	0.24%	0.036%
80	16.628	2259	2262	2263	rBV2	1811	1589	0.22%	0.033%
81	16.675	2268	2270	2272	rBV	2133	1813	0.25%	0.038%
82	16.728	2275	2279	2281	rBV	2746	4325	0.59%	0.090%
83	16.763	2282	2285	2288	rVB2	6729	8858	1.22%	0.184%
84	16.957	2317	2318	2319	rBV2	4664	2096	0.29%	0.044%
85	17.133	2346	2348	2349	rBV	4484	2532	0.35%	0.053%
86	17.333	2380	2382	2383	rBV	3432	2493	0.34%	0.052%
87	17.509	2411	2412	2414	rVB	3277	1608	0.22%	0.033%
88	17.615	2424	2430	2434	rBV	310165	483217	66.34%	10.040%
89	17.656	2434	2437	2442	rVB	104017	144543	19.84%	3.003%
90	17.715	2442	2447	2451	rBV	140311	215255	29.55%	4.472%
91	17.897	2476	2478	2479	rBV	4177	2305	0.32%	0.048%
92	18.484	2574	2578	2582	rBV	25821	37076	5.09%	0.770%
93	18.531	2582	2586	2594	rVB2	35951	55720	7.65%	1.158%
94	18.608	2597	2599	2605	rVB3	14063	19202	2.64%	0.399%
95	18.678	2605	2611	2615	rBV4	37819	82646	11.35%	1.717%
96	18.972	2657	2661	2665	rBV	26966	35878	4.93%	0.745%
97	19.648	2770	2776	2782	rBV	308899	443257	60.85%	9.210%
98	19.977	2827	2832	2834	rBV3	233418	335343	46.04%	6.968%
99	20.835	2975	2978	2981	rBV3	72165	78659	10.80%	1.634%
100	21.898	3151	3159	3164	rBV4	312270	728418	100.00%	15.135%

Sum of corrected areas: 4812898

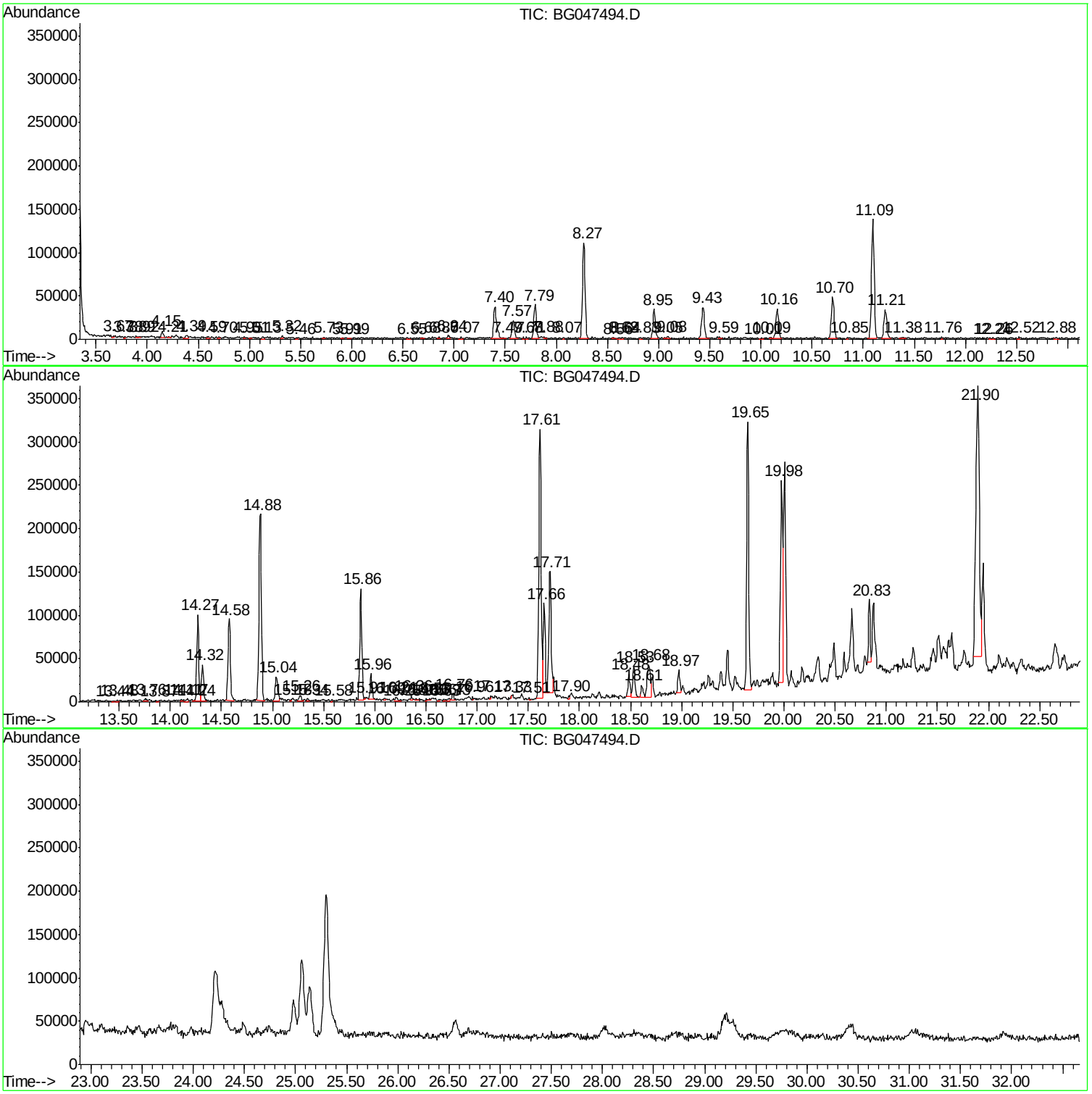
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047494.D
Acq On : 1 Dec 2020 11:32
Operator : CG/JU
Sample : L4793-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B49

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047494.D
Acq On : 1 Dec 2020 11:32
Operator : CG/JU
Sample : L4793-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B49

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

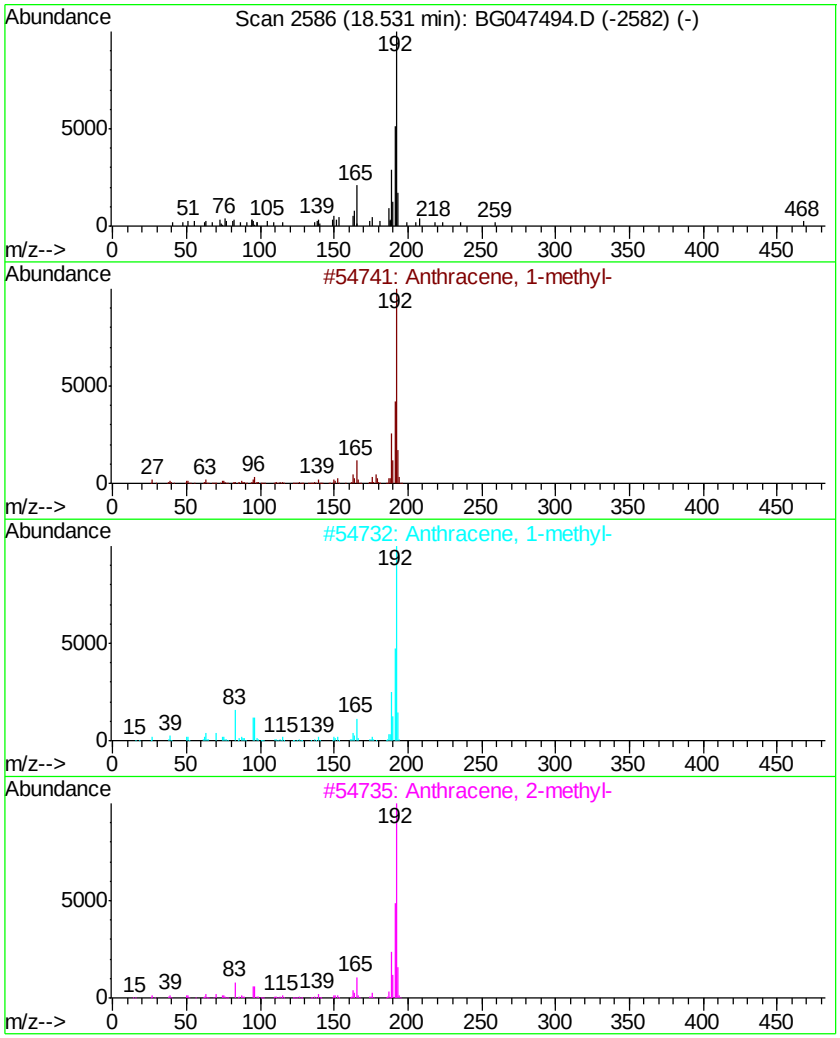
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

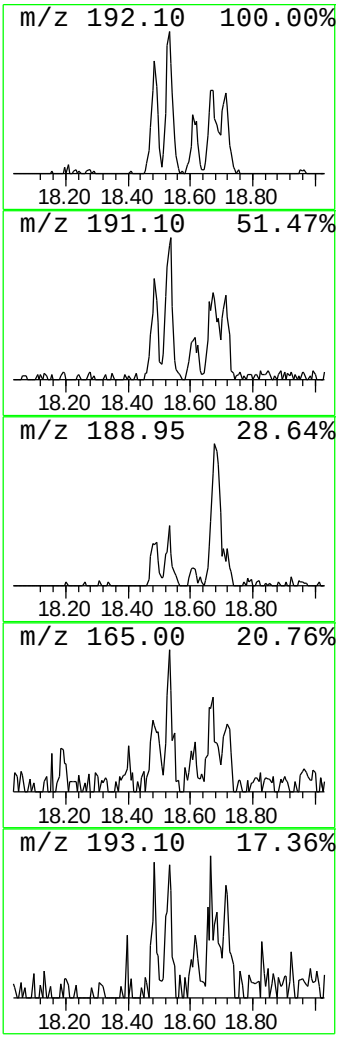
****

Peak Number 1 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.31 ng/ul	55720	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047494.D
Acq On : 1 Dec 2020 11:32
Operator : CG/JU
Sample : L4793-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B49

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

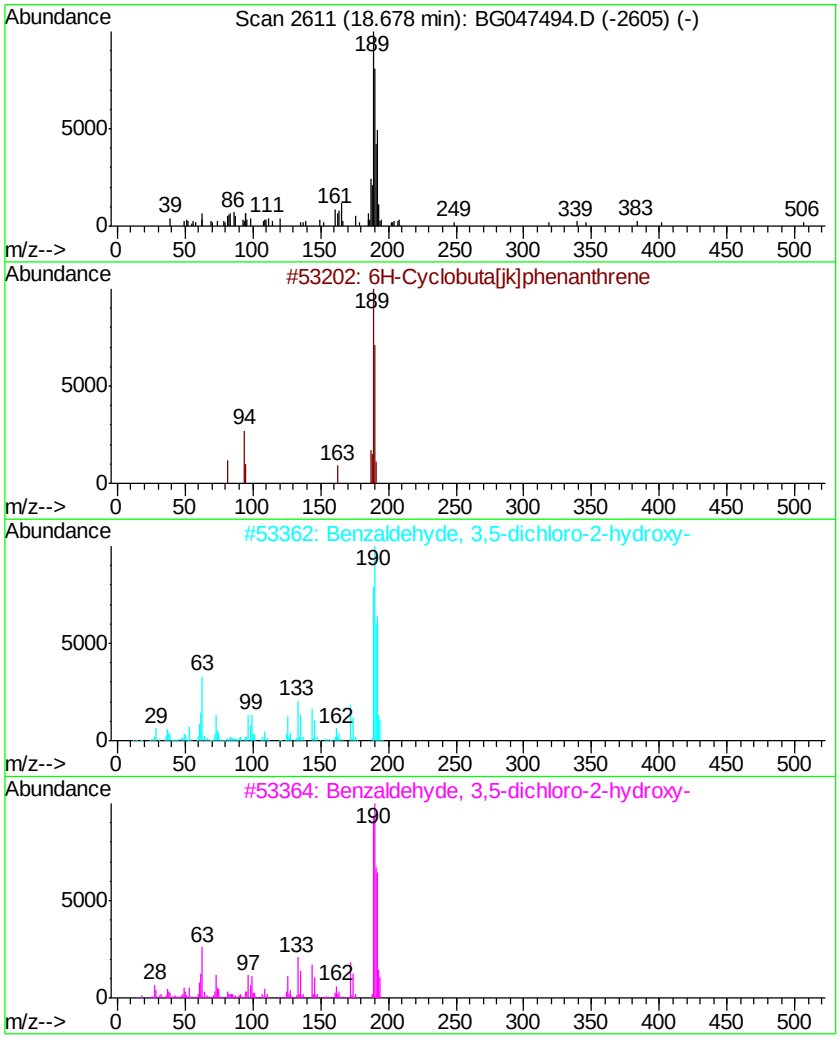
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

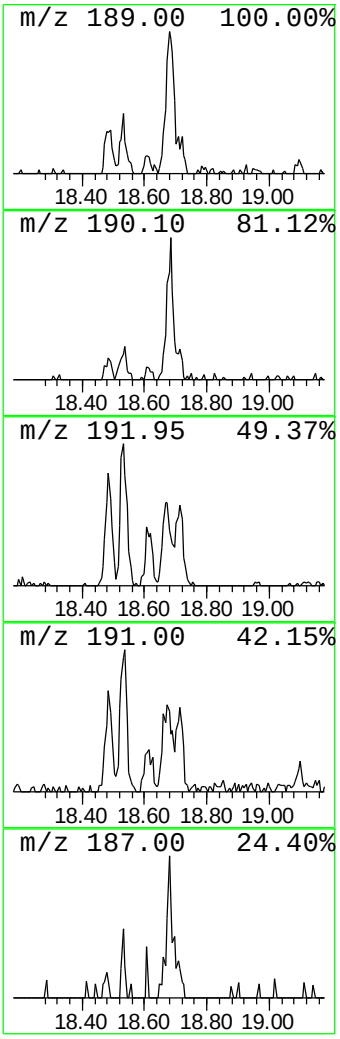
****

Peak Number 2 6H-Cyclobuta[jk]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	3.42 ng/ul	82646	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	42
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	40
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047494.D
Acq On : 1 Dec 2020 11:32
Operator : CG/JU
Sample : L4793-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B49

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

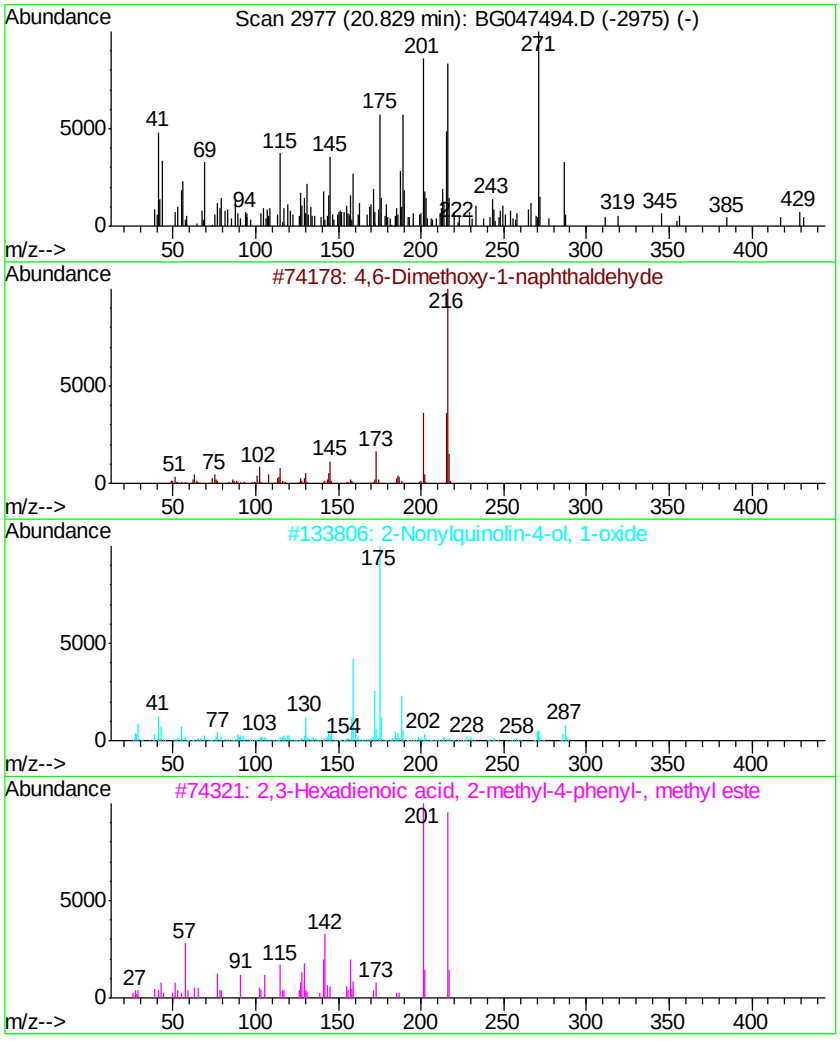
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

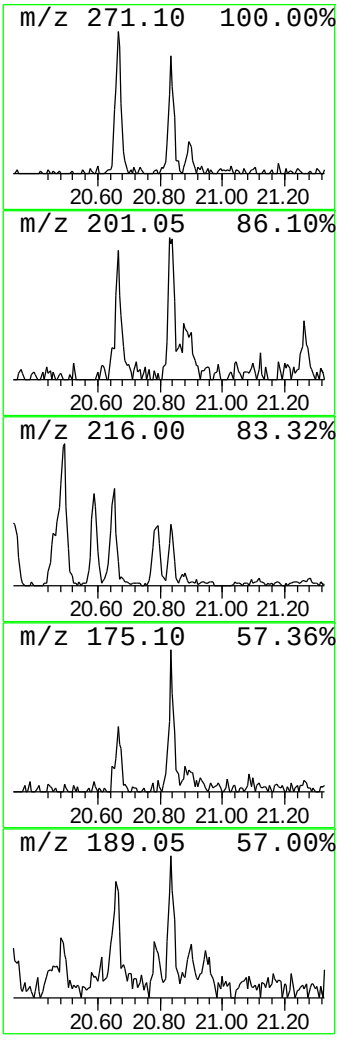
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.16 ng/ul	78659	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6-Dimethoxy-1-naphthaldehyde	216	C13H12O3	065565-33-5	30
2	2-Nonylquinolin-4-ol, 1-oxide	287	C18H25NO2	000316-66-5	25
3	2,3-Hexadienoic acid, 2-methyl-4...	216	C14H16O2	038701-06-3	25
4	Silane, dimethyl(2-chloro-5-meth...	286	C14H23ClO2Si	1000347-54-6	20
5	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120120\
Data File : BG047494.D
Acq On : 1 Dec 2020 11:32
Operator : CG/JU
Sample : L4793-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B49

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Anthracene, 1-met...	18.53	2.3	ng/ul	55720	4	17.61	483217	20.0
6H-Cyclobuta[jk]p...	18.68	3.4	ng/ul	82646	4	17.61	483217	20.0
unknown-01	20.83	2.2	ng/ul	78659	5	21.90	728418	20.0