LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047455.D
Acq On : 24 Nov 2020 20:50
Operator : CG/JU
Sample : L4751-22
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AY2

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	3.614	43	47	48	rBV3	4887	6449	0.98%	0.078%
2	4.084	125	127	129	rBV2	2831	2148	0.33%	0.026%
3	4.148	135	138	144	rBV4	7925	13042	1.99%	0.159%
4	4.342	169	171	172	rBV	3013	2400	0.37%	0.029%
5	4.736	236	238	239	rBV2	2402	1873	0.29%	0.023%
6	4.947	271	274	275	rBV2	2530	1984	0.30%	0.024%
7	5.030	286	288	293	rVB3	2216	2797	0.43%	0.034%
8	5.083	296	297	302	rVB2	1665	2269	0.35%	0.028%
9	5.670	396	397	402	rVB2	2850	3239	0.49%	0.039%
10	5.917	437	439	442	rVB2	2206	1907	0.29%	0.023%
11	6.005	450	454	456	rBV	1569	2033	0.31%	0.025%
12	6.128	473	475	478	rVB3	2495	2619	0.40%	0.032%
13	6.316	505	507	510	rVB3	2904	2364	0.36%	0.029%
14	6.528	539	543	545	rBV2	2357	3454	0.53%	0.042%
15	6.845	593	597	599	rVB2	2256	2035	0.31%	0.025%
16	7.210	658	659	661	rBV	1982	2045	0.31%	0.025%
17	7.403	684	692	701	rVB	99634	174257	26.60%	2.118%
18	7.521	709	712	714	rVB	1991	1825	0.28%	0.022%
19	7.580	717	722	730	rVB2	58287	96608	14.75%	1.174%
20	7.797	753	759	766	rBV2	93640	168614	25.74%	2.050%
21	7.967	784	788	791	rBV	1754	1777	0.27%	0.022%
22	8.003	791	794	796	rBV	1706	1805	0.28%	0.022%
23	8.273	832	840	848	rBV	117043	206277	31.48%	2.507%
24	8.960	951	957	966	rVB2	89656	158067	24.13%	1.921%
25	9.084	977	978	980	rBV	1930	1695	0.26%	0.021%
26	9.213	997	1000	1001	rBV	2439	2125	0.32%	0.026%
27	9.436	1031	1038	1050	rVB2	93704	178652	27.27%	2.172%
28	9.730	1085	1088	1091	rBV2	2831	2855	0.44%	0.035%
29	9.789	1094	1098	1099	rBV	1463	1823	0.28%	0.022%
30	9.848	1105	1108	1112	rVB	1907	2488	0.38%	0.030%
31	10.094	1145	1150	1151	rBV	1361	1896	0.29%	0.023%
32	10.165	1155	1162	1174	rVB2	86251	155641	23.76%	1.892%
33	10.423	1202	1206	1208	rBV2	2432	2695	0.41%	0.033%
34	10.588	1230	1234	1235	rBV	1977	2018	0.31%	0.025%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047455.D
Acq On : 24 Nov 2020 20:50
Operator : CG/JU
Sample : L4751-22
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AY2

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	10.705	1245	1254	1262	rVB2	133143	237294	36.22%	2.884%
36	10.835	1273	1276	1277	rBV	1857	1786	0.27%	0.022%
37	10.976	1296	1300	1302	rBV	1810	3018	0.46%	0.037%
38	11.099	1314	1321	1328	rBV	148913	267794	40.87%	3.255%
39	11.222	1335	1342	1348	rBV	78643	142340	21.73%	1.730%
40	12.063	1481	1485	1487	rBV	1546	2002	0.31%	0.024%
41	12.110	1490	1493	1496	rBV	1472	1703	0.26%	0.021%
42	12.174	1500	1504	1506	rBV2	2387	2929	0.45%	0.036%
43	12.439	1545	1549	1551	rBV2	1730	2175	0.33%	0.026%
44	12.480	1555	1556	1558	rVB	3319	1676	0.26%	0.020%
45	12.503	1558	1560	1562	rBV	1822	1758	0.27%	0.021%
46	12.650	1584	1585	1586	rBV	3278	2035	0.31%	0.025%
47	12.709	1592	1595	1597	rBV	2356	2830	0.43%	0.034%
48	12.732	1597	1599	1601	rVB	1788	1678	0.26%	0.020%
49	12.768	1601	1605	1607	rBV2	2352	2728	0.42%	0.033%
50	12.962	1634	1638	1641	rBV	2183	1999	0.31%	0.024%
51	13.179	1670	1675	1678	rBV	2792	3360	0.51%	0.041%
52	13.250	1685	1687	1692	rBV	1410	1898	0.29%	0.023%
53	13.514	1727	1732	1736	rVB	1902	4012	0.61%	0.049%
54	13.696	1760	1763	1764	rBV2	2297	2000	0.31%	0.024%
55	13.767	1767	1775	1780	rBV2	69079	109399	16.70%	1.330%
56	13.849	1785	1789	1792	rBV	2195	3182	0.49%	0.039%
57	14.049	1819	1823	1825	rBV3	5472	6820	1.04%	0.083%
58	14.125	1833	1836	1838	rVB3	1754	1728	0.26%	0.021%
59	14.166	1838	1843	1851	rBV5	22199	39479	6.03%	0.480%
60	14.219	1851	1852	1855	rBV	2143	1754	0.27%	0.021%
61	14.278	1855	1862	1866	rBV	224521	341800	52.17%	4.155%
62	14.319	1866	1869	1875	rVB	118802	172810	26.38%	2.101%
63	14.366	1875	1877	1878	rBV	3902	3928	0.60%	0.048%
64	14.425	1885	1887	1890	rBV	1415	1729	0.26%	0.021%
65	14.583	1906	1914	1921	rBV	235913	380801	58.12%	4.629%
66	14.760	1942	1944	1949	rVB2	5111	6445	0.98%	0.078%
67	14.883	1957	1965	1973	rBV	234335	370028	56.48%	4.498%
68	15.042	1986	1992	2000	rVB2	81661	133055	20.31%	1.617%
69	15.188	2016	2017	2018	rBV	4402	2797	0.43%	0.034%
70	15.277	2027	2032	2036	rVB3	5784	8308	1.27%	0.101%
71	15.347	2039	2044	2047	rBV2	3392	4800	0.73%	0.058%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047455.D
Acq On : 24 Nov 2020 20:50
Operator : CG/JU
Sample : L4751-22
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AY2

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	15.512	2070	2072	2077	rBV2	2840	3523	0.54%	0.043%
73	15.647	2094	2095	2096	rBV2	4457	2049	0.31%	0.025%
74	15.870	2126	2133	2139	rBV	308827	478051	72.96%	5.811%
75	15.970	2145	2150	2157	rBV3	48977	75547	11.53%	0.918%
76	16.111	2167	2174	2178	rBV3	4386	9319	1.42%	0.113%
77	16.181	2184	2186	2188	rBV3	2249	1902	0.29%	0.023%
78	16.287	2202	2204	2207	rBV	1606	1722	0.26%	0.021%
79	16.440	2226	2230	2231	rVB	2957	2978	0.45%	0.036%
80	16.628	2260	2262	2263	rVB	2950	1680	0.26%	0.020%
81	16.710	2274	2276	2277	rBV	1823	1683	0.26%	0.020%
82	16.769	2281	2286	2291	rVB5	29558	43682	6.67%	0.531%
83	16.898	2307	2308	2312	rVB	2448	1893	0.29%	0.023%
84	17.004	2324	2326	2327	rBV	3649	2831	0.43%	0.034%
85	17.210	2359	2361	2363	rBV	2687	1972	0.30%	0.024%
86	17.450	2399	2402	2404	rBV	3995	3199	0.49%	0.039%
87	17.615	2424	2430	2436	rBV	306008	474930	72.49%	5.773%
88	17.715	2441	2447	2456	rVB	339944	509779	77.81%	6.197%
89	17.926	2479	2483	2487	rVB4	29962	39303	6.00%	0.478%
90	18.062	2504	2506	2508	rBV2	3012	3014	0.46%	0.037%
91	19.454	2738	2743	2749	rVB2	161517	219860	33.56%	2.673%
92	19.983	2827	2833	2842	rVB	417836	655179	100.00%	7.964%
93	20.670	2945	2950	2959	rBV2	384716	631319	96.36%	7.674%
94	20.841	2974	2979	2982	rBV	369147	507592	77.47%	6.170%
95	20.876	2982	2985	2995	rVB4	336554	610008	93.11%	7.415%
96	21.898	3155	3159	3165	rVB2	274885	454064	69.30%	5.519%

Sum of corrected areas: 8226733

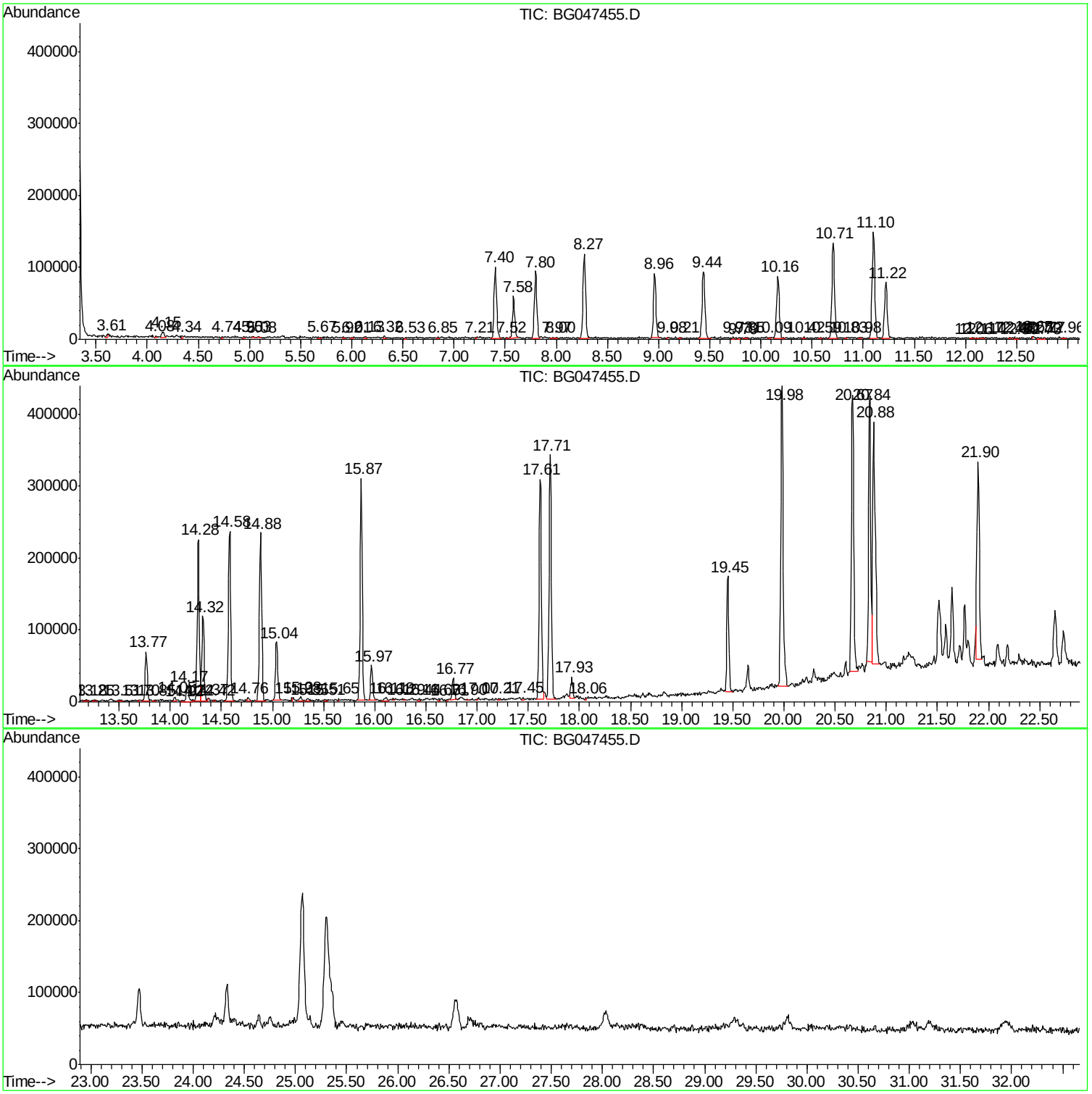
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047455.D
Acq On : 24 Nov 2020 20:50
Operator : CG/JU
Sample : L4751-22
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AY2

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047455.D
Acq On : 24 Nov 2020 20:50
Operator : CG/JU
Sample : L4751-22
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AY2

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

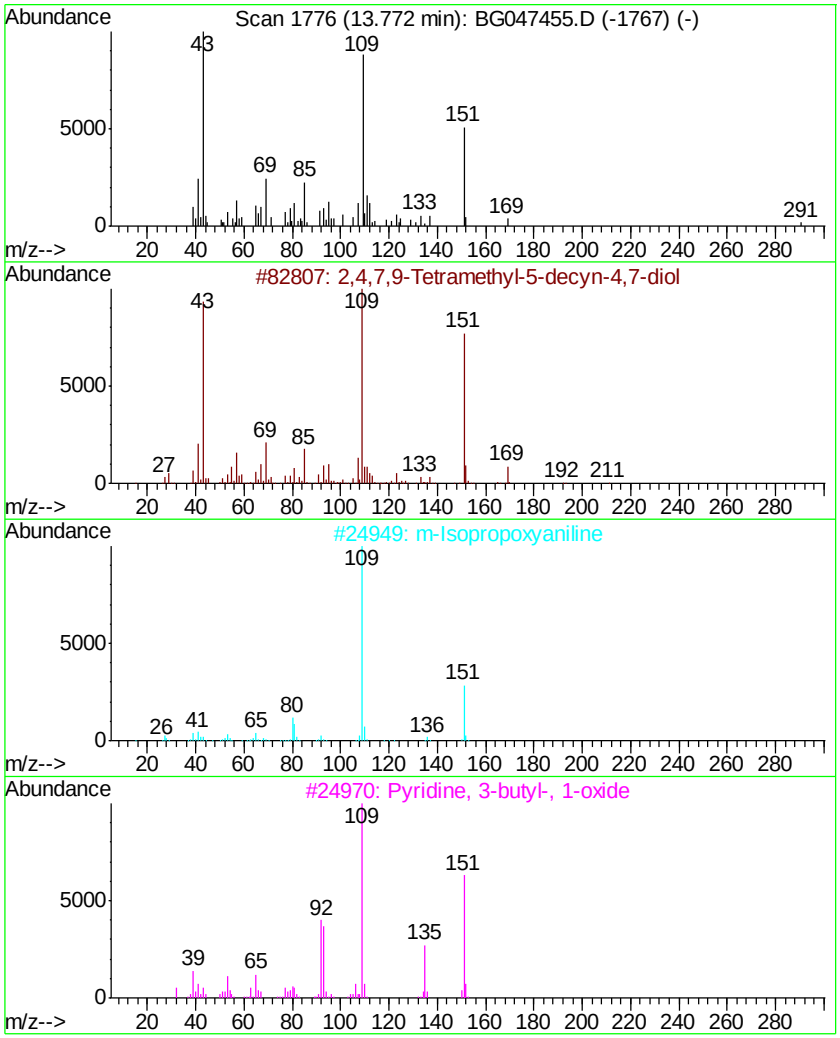
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

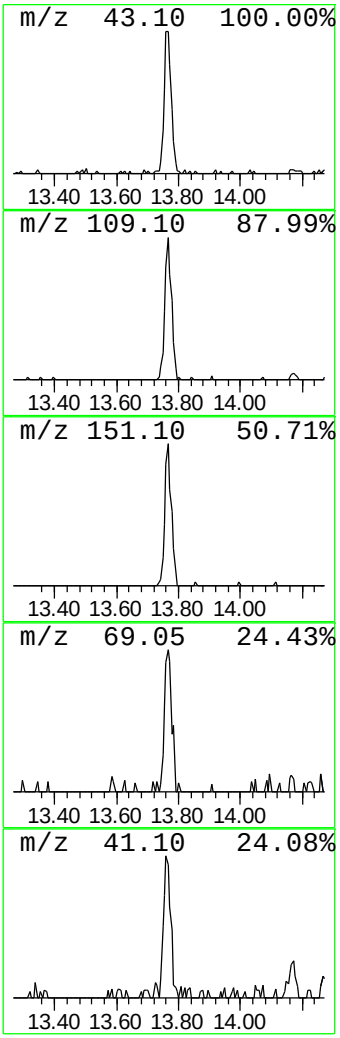
****

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	5.91 ng/ul	109399	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	80
2	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	52
3	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	50
4	Metacetamol	151	C8H9NO2	000621-42-1	50
5	Metacetamol	151	C8H9NO2	000621-42-1	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047455.D
Acq On : 24 Nov 2020 20:50
Operator : CG/JU
Sample : L4751-22
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AY2

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

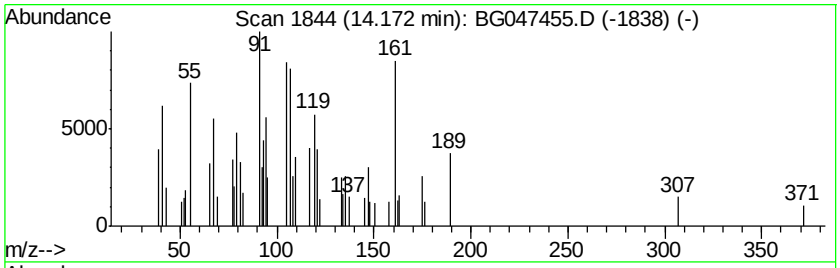
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

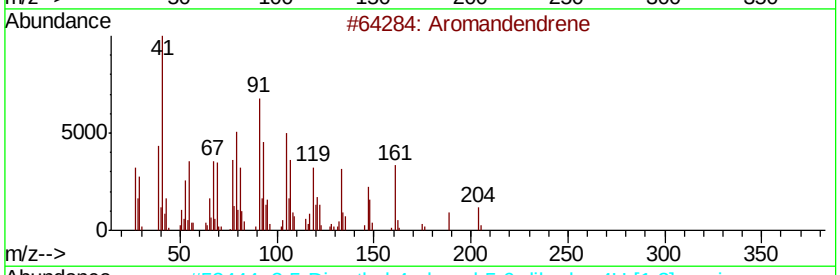
****

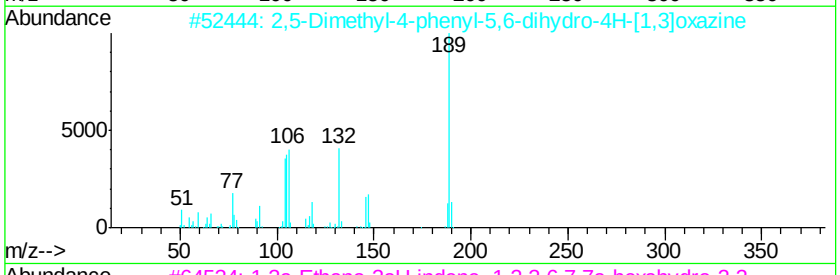
Peak Number 2 unknown-01 Concentration Rank 6

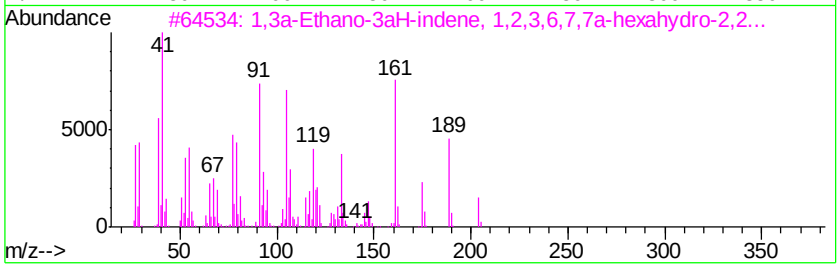
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.13 ng/ul	39479	Acenaphthene-d10	14.88

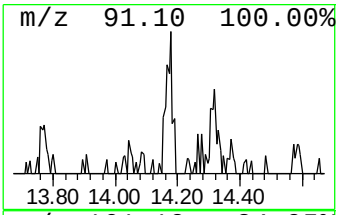
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aromandendrene	204	C15H24	000489-39-4	46
2	2,5-Dimethyl-4-phenyl-5,6-dihydr...	189	C12H15NO	1000285-85-0	38
3	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	38
4	(-)-1,2,2.alpha.,3,3,4,6,7,8,8.a...	204	C15H24	1000365-86-7	35
5	Lilial	204	C14H20O	000080-54-6	25

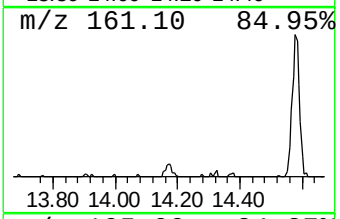


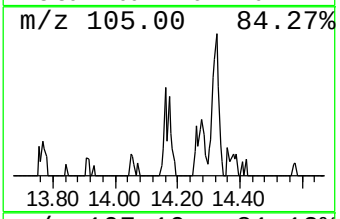


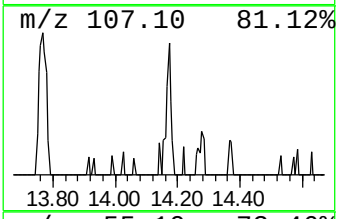


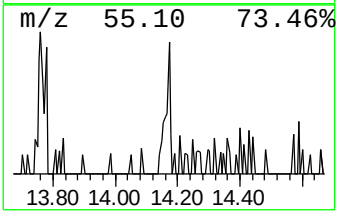












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047455.D
Acq On : 24 Nov 2020 20:50
Operator : CG/JU
Sample : L4751-22
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AY2

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

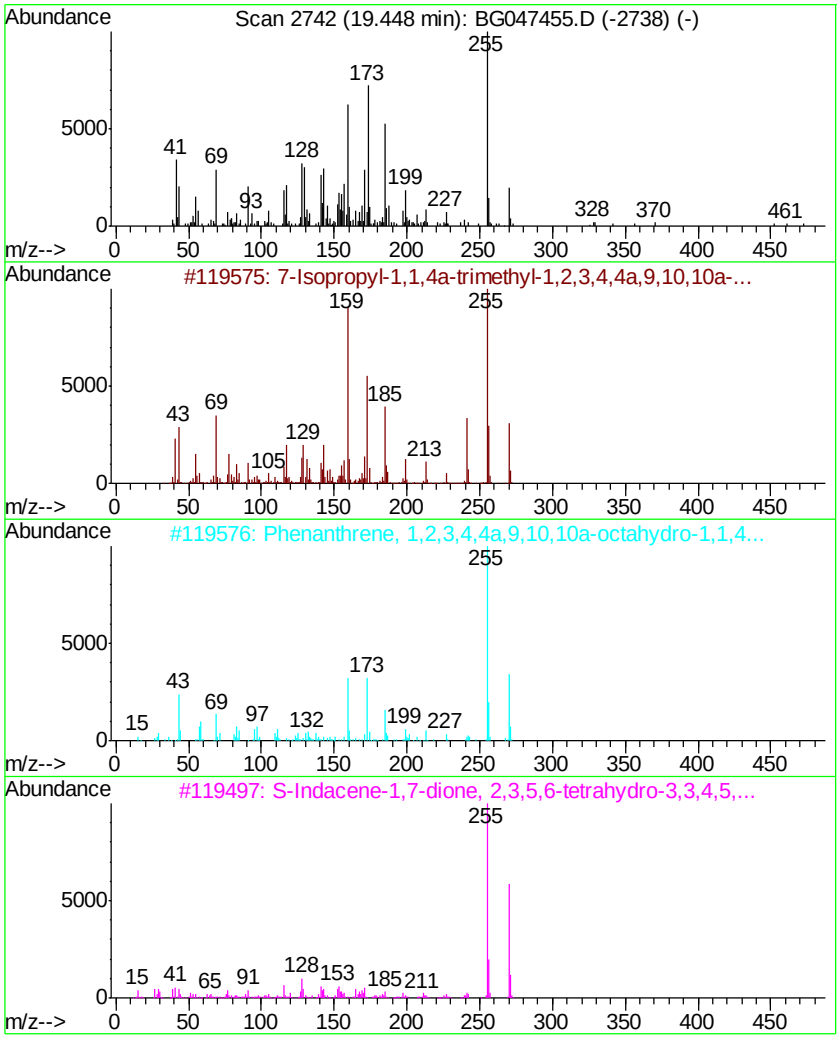
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

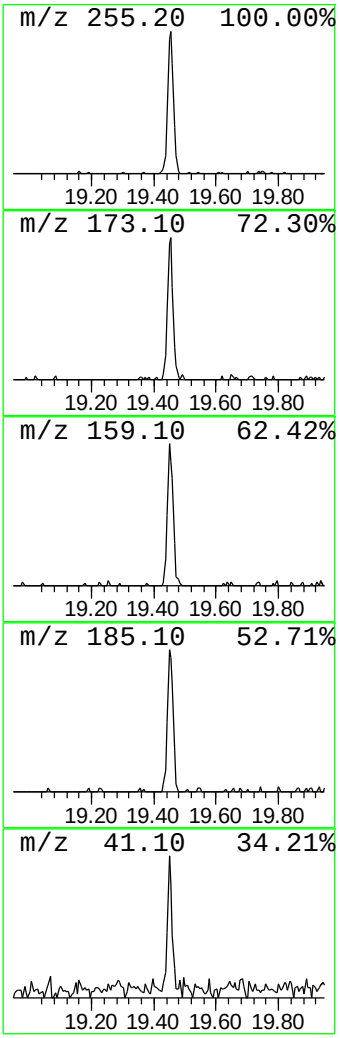
****

Peak Number 3 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	9.26 ng/ul	219860	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	1000210-28-9	42
2	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	38
3	S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	30
4	Pyrazol-5-amine, 1-cyclohexyl-3-...	255	C16H21N3	311790-61-1	27
5	5,7-Dihydroxy-2-methyl-2-phenyl-...	270	C16H14O4	108838-42-2	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047455.D
Acq On : 24 Nov 2020 20:50
Operator : CG/JU
Sample : L4751-22
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AY2

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

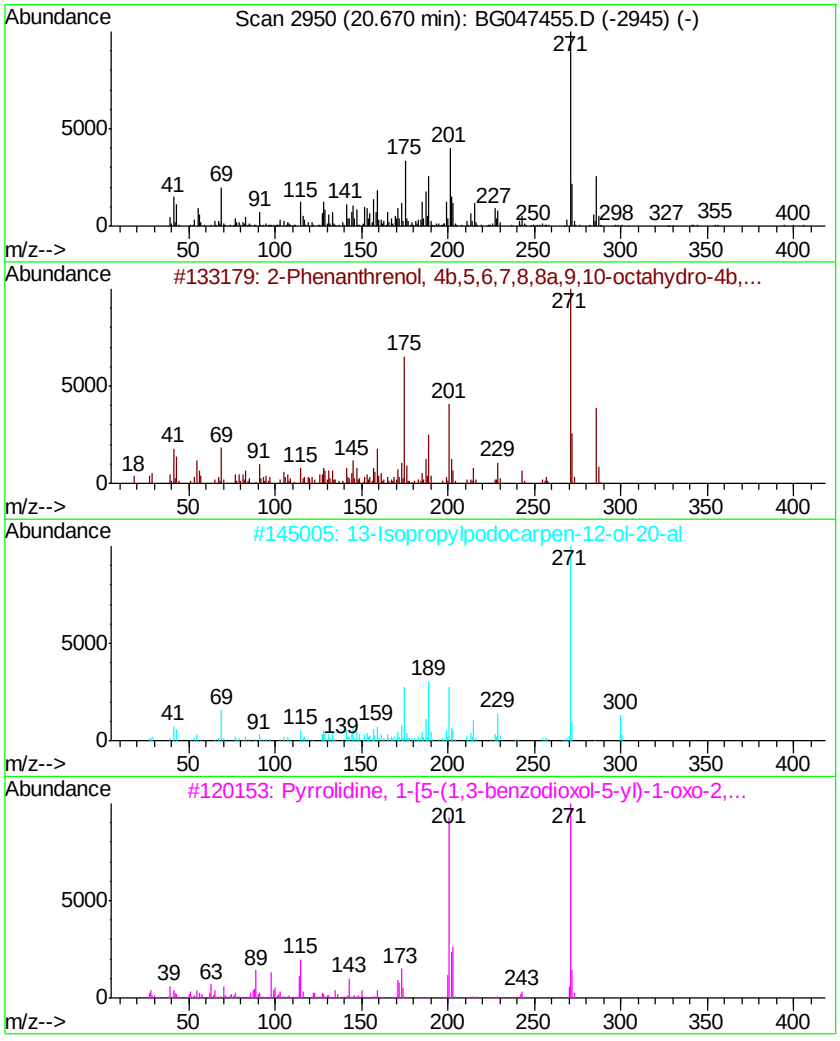
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

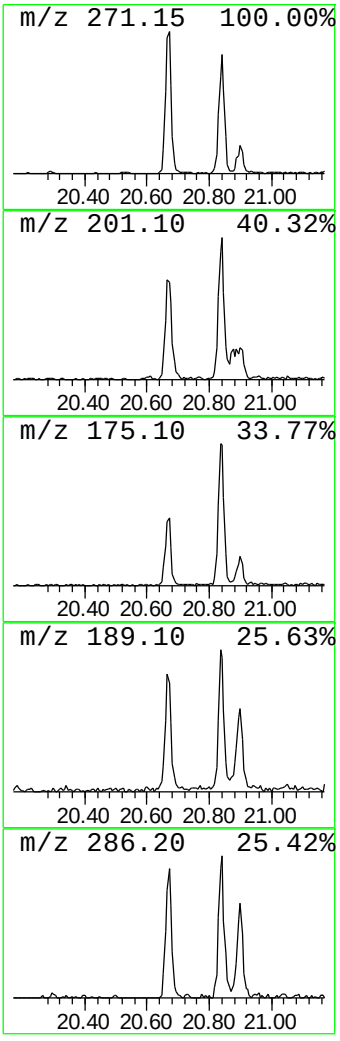
****

Peak Number 4 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	27.81 ng/ul	631319	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	50
2	13-Isopropylpodocarpen-12-ol-20-al	300	C20H28O2	024035-37-8	50
3	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	43
4	1-Methyl-3-phenyl-4-azafluorenone	271	C19H13NO	069751-55-9	43
5	Morphinan-6-ol, 4,5-epoxy-N-meth...	271	C17H21NO2	083475-40-5	41





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Acq On : 24 Nov 2020 20:50
Operator : CG/JU
Sample : L4751-22
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AY2

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Quant Title : SVOA CALIBRATION

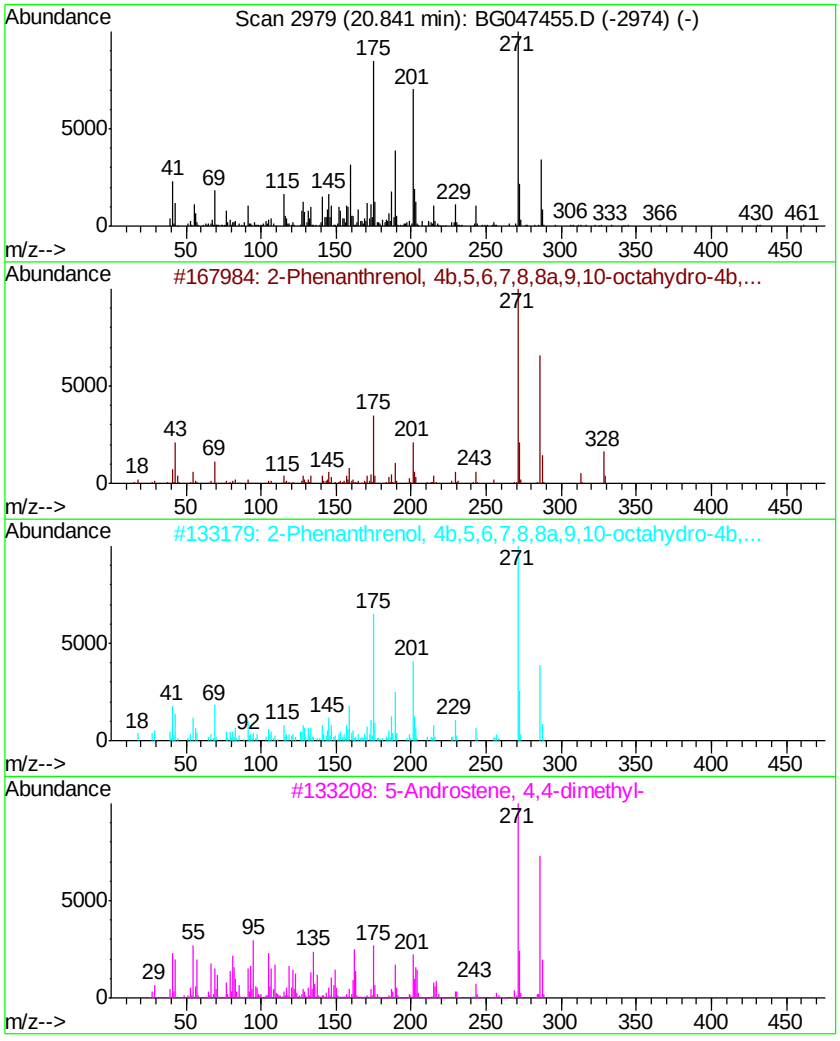
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

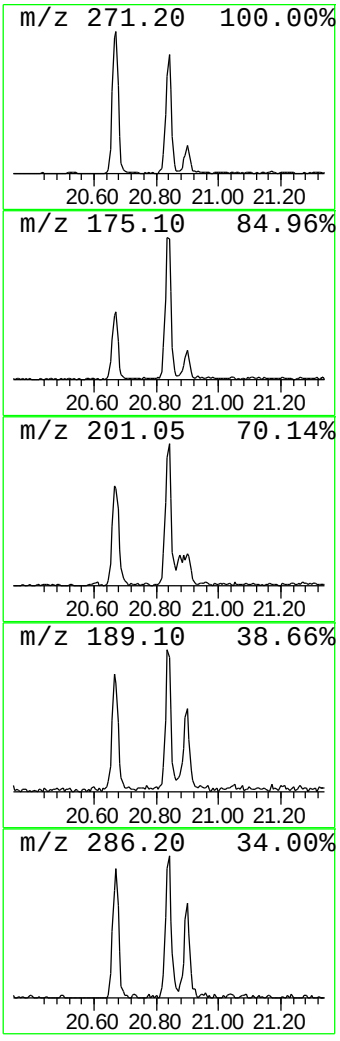
****

Peak Number 5 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	22.36 ng/ul	507592	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	86
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	86
3	5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	43
4	(-)-Morphinan-6-one, 4-methoxy-	271	C17H21NO2	1000129-09-1	35
5	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
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Operator : CG/JU
Sample : L4751-22
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AY2

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

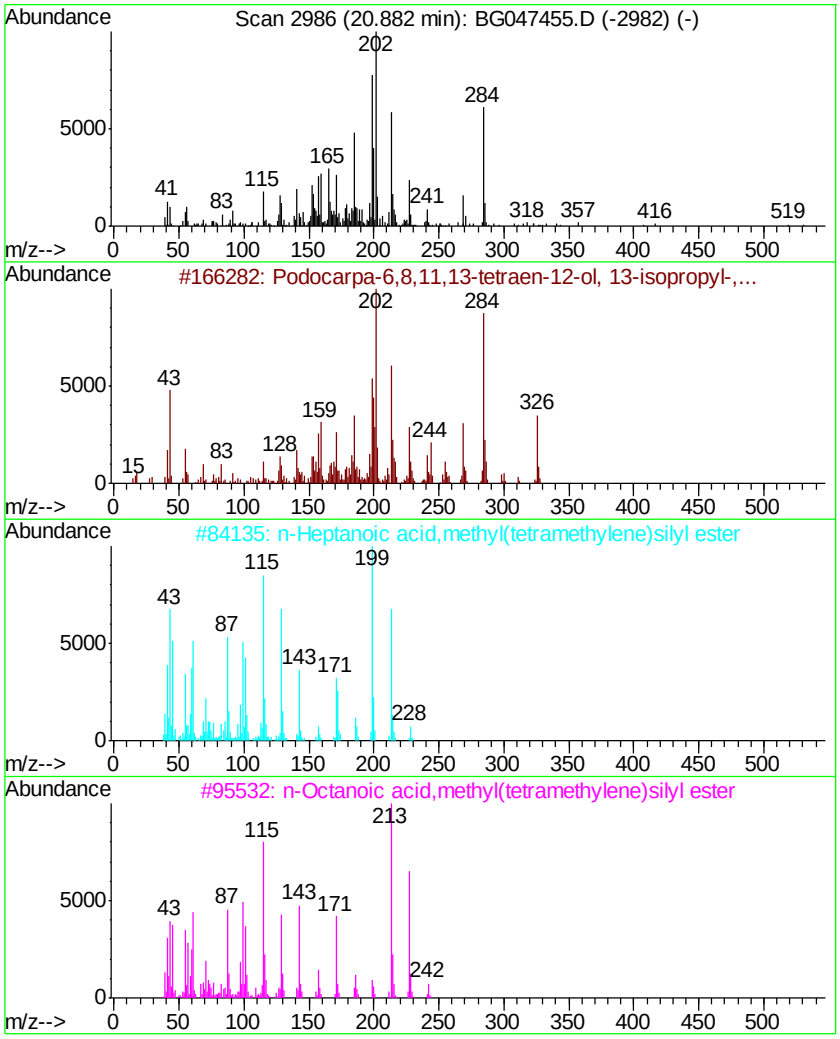
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

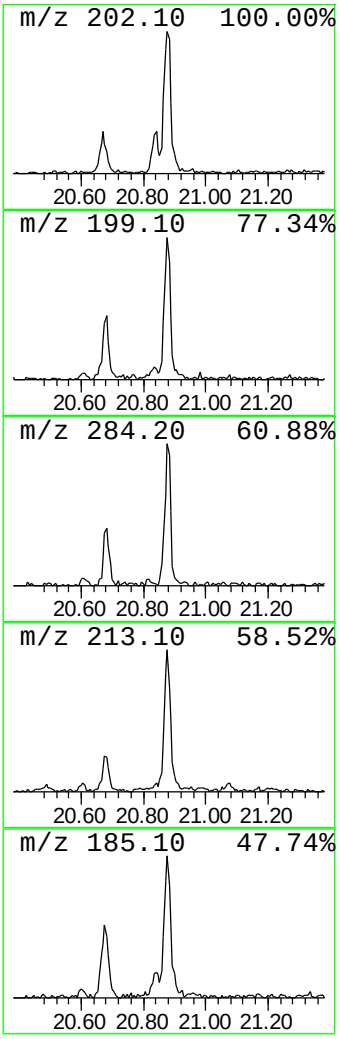
****

Peak Number 6 Podocarpa-6,8,11,13-tetraen... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	26.87 ng/ul	610008	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Podocarpa-6,8,11,13-tetraen-12-o...	326	C22H30O2	022160-86-7	64
2	n-Heptanoic acid,methyl(tetramet...	228	C12H24O2Si	1000217-03-6	38
3	n-Octanoic acid,methyl(tetrameth...	242	C13H26O2Si	1000217-03-7	25
4	1-Methyl-7,11-dithiaspiro[5,5] u...	202	C10H18S2	107678-22-8	25
5	1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112320\
Data File : BG047455.D
Acq On : 24 Nov 2020 20:50
Operator : CG/JU
Sample : L4751-22
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AY2

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
2,4,7,9-Tetrameth...	13.77	5.9	ng/ul	109399	3	14.88	370028	20.0
unknown-01	14.17	2.1	ng/ul	39479	3	14.88	370028	20.0
unknown-02	19.45	9.3	ng/ul	219860	4	17.61	474930	20.0
2-Phenanthrenol, ...	20.67	27.8	ng/ul	631319	5	21.90	454064	20.0
unknown-03	20.84	22.4	ng/ul	507592	5	21.90	454064	20.0
Podocarpa-6,8,11,...	20.88	26.9	ng/ul	610008	5	21.90	454064	20.0