LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047636.D
Acq On : 8 Dec 2020 3:31
Operator : CG/JU
Sample : L4862-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB8

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-BG120720MA.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	3.533	31	33	38	rVB2	3761	5066	0.61%	0.060%
2	3.851	84	87	89	rVV3	2976	3148	0.38%	0.038%
3	3.927	99	100	103	rVV2	2162	1886	0.23%	0.022%
4	4.232	150	152	154	rBV2	2117	2073	0.25%	0.025%
5	4.332	167	169	172	rVB2	2557	2410	0.29%	0.029%
6	4.379	172	177	180	rBV2	2319	4047	0.49%	0.048%
7	4.415	180	183	185	rBV2	1703	1883	0.23%	0.022%
8	4.802	247	249	253	rBV2	1983	2439	0.30%	0.029%
9	4.961	271	276	278	rBV2	1710	2603	0.32%	0.031%
10	5.308	332	335	338	rBV	1977	2489	0.30%	0.030%
11	6.254	488	496	497	rVB	1038	2078	0.25%	0.025%
12	6.647	560	563	566	rVB	1652	1942	0.24%	0.023%
13	6.888	598	604	609	rVB3	15458	23629	2.87%	0.282%
14	7.352	676	683	695	rBV2	102737	202411	24.55%	2.412%
15	7.529	706	713	720	rVB2	59439	102862	12.48%	1.226%
16	7.740	739	749	757	rVV2	104745	186358	22.60%	2.220%
17	8.216	823	830	837	rBV	88674	155897	18.91%	1.857%
18	8.445	862	869	874	rVB4	9203	16202	1.97%	0.193%
19	8.510	874	880	882	rBV4	1724	1837	0.22%	0.022%
20	8.574	888	891	894	rBV4	1512	1891	0.23%	0.023%
21	8.909	940	948	956	rBV	128332	221708	26.89%	2.642%
22	8.962	956	957	961	rVB	1768	2077	0.25%	0.025%
23	9.385	1022	1029	1037	rVB	107059	192546	23.35%	2.294%
24	9.791	1094	1098	1105	rVB2	5386	8316	1.01%	0.099%
25	10.108	1145	1152	1162	rVV2	99603	192627	23.36%	2.295%
26	10.648	1238	1244	1253	rVB	141128	253569	30.75%	3.021%
27	10.925	1286	1291	1293	rBV	1211	1983	0.24%	0.024%
28	11.042	1304	1311	1319	rVB	114216	210026	25.47%	2.502%
29	11.165	1325	1332	1341	rBV2	118475	218597	26.51%	2.605%
30	11.489	1385	1387	1391	rBV	1849	2683	0.33%	0.032%
31	13.651	1750	1755	1756	rBV	1165	1876	0.23%	0.022%
32	13.710	1760	1765	1771	rVB	17428	26430	3.21%	0.315%
33	13.792	1776	1779	1782	rBV	1823	2877	0.35%	0.034%
34	14.121	1832	1835	1838	rVV	1305	2072	0.25%	0.025%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047636.D
Acq On : 8 Dec 2020 3:31
Operator : CG/JU
Sample : L4862-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB8

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-BG120720MA.M
Title : SVOA CALIBRATION

35	14.168	1840	1843	1847	rVB3	4893	5775	0.70%	0.069%
36	14.227	1847	1853	1857	rBV	300437	421620	51.14%	5.023%
37	14.274	1857	1861	1866	rVB	73814	102284	12.41%	1.219%
38	14.444	1885	1890	1892	rBV	1449	2016	0.24%	0.024%
39	14.532	1898	1905	1914	rBV	282834	448871	54.44%	5.348%
40	14.608	1914	1918	1920	rBV	1545	1880	0.23%	0.022%
41	14.708	1932	1935	1940	rVB	2054	3484	0.42%	0.042%
42	14.791	1944	1949	1951	rVV3	7354	11645	1.41%	0.139%
43	14.832	1951	1956	1964	rVB	198880	321616	39.01%	3.832%
44	14.938	1971	1974	1978	rVB2	4552	4079	0.49%	0.049%
45	14.996	1978	1984	1993	rBV2	132590	224711	27.25%	2.677%
46	15.073	1996	1997	2002	rVB2	4584	4149	0.50%	0.049%
47	15.231	2022	2024	2026	rVV	4631	4161	0.50%	0.050%
48	15.319	2034	2039	2042	rBV	2772	3539	0.43%	0.042%
49	15.384	2047	2050	2052	rBV	2022	2230	0.27%	0.027%
50	15.819	2118	2124	2134	rVB	373138	577052	69.99%	6.875%
51	15.925	2137	2142	2149	rBV	139024	204708	24.83%	2.439%
52	16.019	2156	2158	2161	rVB	2460	2289	0.28%	0.027%
53	16.066	2161	2166	2172	rBV3	4958	9333	1.13%	0.111%
54	16.136	2174	2178	2180	rVB3	2440	2993	0.36%	0.036%
55	16.277	2201	2202	2206	rBV3	2151	2431	0.29%	0.029%
56	16.383	2218	2220	2223	rVV	2735	2415	0.29%	0.029%
57	16.594	2254	2256	2260	rBV	4297	5032	0.61%	0.060%
58	16.671	2266	2269	2272	rBV	1566	2065	0.25%	0.025%
59	16.782	2286	2288	2291	rVV2	1698	2072	0.25%	0.025%
60	16.959	2315	2318	2320	rVB2	1737	1933	0.23%	0.023%
61	17.047	2331	2333	2335	rBV2	3067	2634	0.32%	0.031%
62	17.258	2363	2369	2370	rBV	1947	2508	0.30%	0.030%
63	17.358	2384	2386	2390	rVB	2010	2376	0.29%	0.028%
64	17.570	2416	2422	2428	rBV	304342	444910	53.96%	5.301%
65	17.670	2433	2439	2447	rVV	442583	663983	80.53%	7.911%
66	17.799	2460	2461	2464	rVB	2412	1973	0.24%	0.024%
67	17.975	2489	2491	2493	rVB	2865	1835	0.22%	0.022%
68	18.216	2531	2532	2534	rBV2	2148	1840	0.22%	0.022%
69	18.275	2540	2542	2544	rBV2	1582	1909	0.23%	0.023%
70	18.339	2549	2553	2558	rVB	1950	2886	0.35%	0.034%
71	18.381	2558	2560	2564	rBV	2340	3346	0.41%	0.040%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047636.D
Acq On : 8 Dec 2020 3:31
Operator : CG/JU
Sample : L4862-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB8

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-BG120720MA.M
Title : SVOA CALIBRATION

72	18.433	2568	2569	2572	rBV	2028	2173	0.26%	0.026%
73	18.545	2586	2588	2593	rBV	2234	3692	0.45%	0.044%
74	18.704	2610	2615	2616	rBV	1753	2502	0.30%	0.030%
75	18.939	2653	2655	2658	rVB4	2945	2942	0.36%	0.035%
76	18.980	2658	2662	2663	rBV2	2981	2903	0.35%	0.035%
77	19.015	2666	2668	2670	rBV2	2597	2824	0.34%	0.034%
78	19.068	2675	2677	2680	rBV2	3180	3677	0.45%	0.044%
79	19.162	2691	2693	2697	rBV4	3898	6278	0.76%	0.075%
80	19.268	2710	2711	2715	rBV4	2679	2071	0.25%	0.025%
81	19.362	2726	2727	2731	rBV3	4018	2924	0.35%	0.035%
82	19.573	2760	2763	2767	rBV2	6981	8944	1.08%	0.107%
83	19.714	2784	2787	2790	rVB5	3772	4298	0.52%	0.051%
84	19.879	2813	2815	2816	rBV2	4068	2106	0.26%	0.025%
85	19.938	2816	2825	2833	rBV	565981	824505	100.00%	9.824%
86	20.032	2839	2841	2842	rBV	4651	2450	0.30%	0.029%
87	20.067	2846	2847	2849	rVB2	4152	2046	0.25%	0.024%
88	20.231	2871	2875	2878	rBV3	30572	34004	4.12%	0.405%
89	20.267	2878	2881	2885	rVB	44548	50266	6.10%	0.599%
90	20.666	2947	2949	2951	rBV2	6626	5456	0.66%	0.065%
91	21.230	3041	3045	3048	rBV5	18951	28350	3.44%	0.338%
92	21.265	3048	3051	3059	rVB5	19880	29950	3.63%	0.357%
93	21.459	3080	3084	3092	rBV5	49335	94452	11.46%	1.125%
94	21.788	3138	3140	3141	rBV2	8065	5920	0.72%	0.071%
95	21.847	3144	3150	3156	rVB	292873	477295	57.89%	5.687%
96	23.692	3462	3464	3467	rBV4	6181	4473	0.54%	0.053%
97	24.979	3674	3683	3695	rVB	260432	706219	85.65%	8.414%
98	25.214	3713	3723	3735	rVB2	165543	504995	61.25%	6.017%
99	29.356	4426	4428	4432	rVB5	7005	7131	0.86%	0.085%
100	30.731	4660	4662	4663	rBV2	6202	3071	0.37%	0.037%

Sum of corrected areas: 8393038

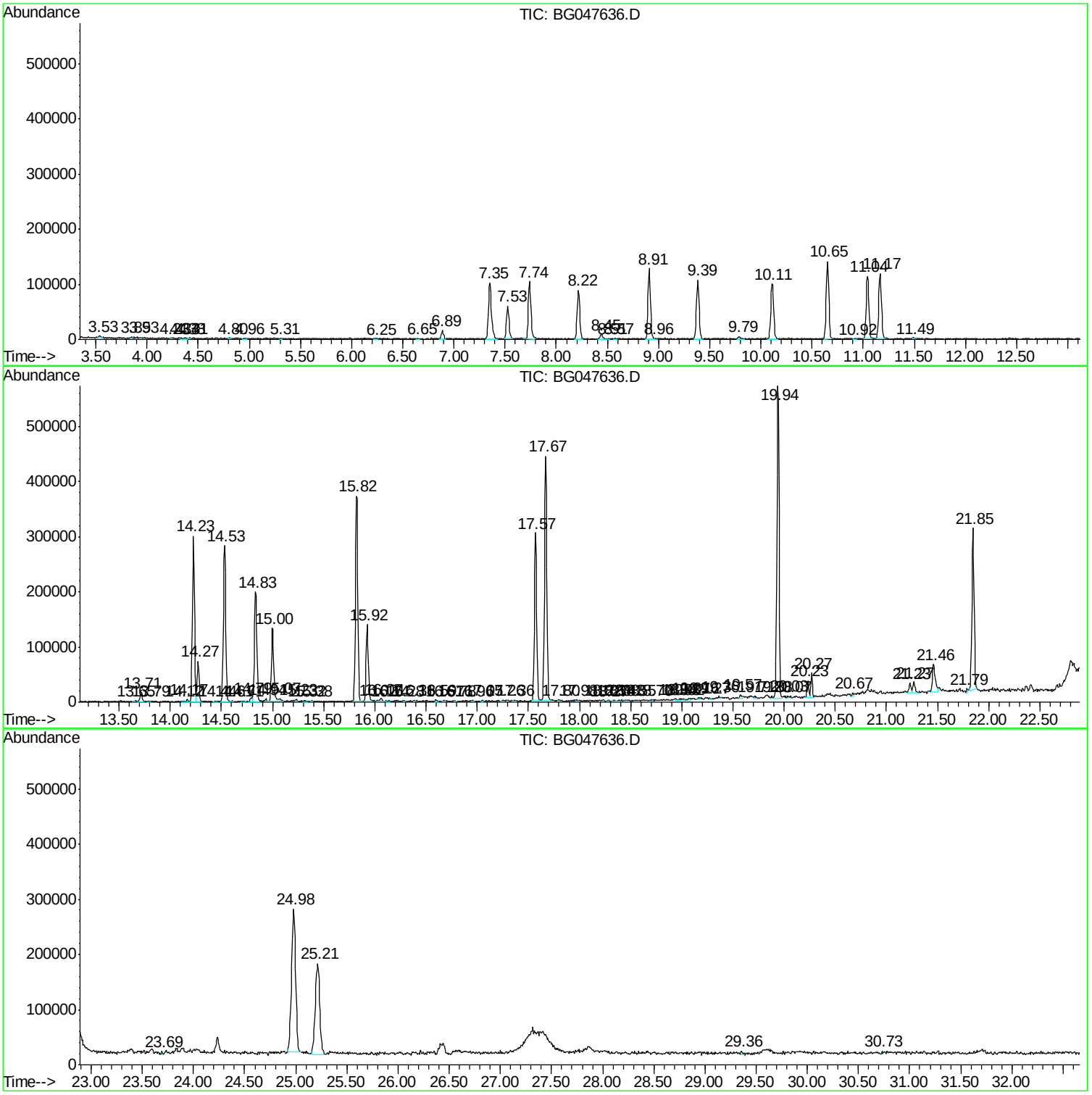
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047636.D
Acq On : 8 Dec 2020 3:31
Operator : CG/JU
Sample : L4862-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.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\BG120720\
Data File : BG047636.D
Acq On : 8 Dec 2020 3:31
Operator : CG/JU
Sample : L4862-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

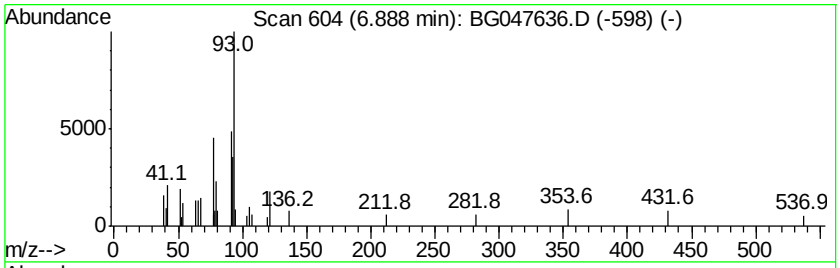
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

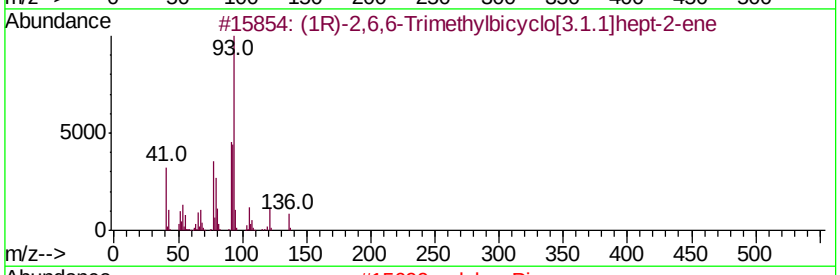
****

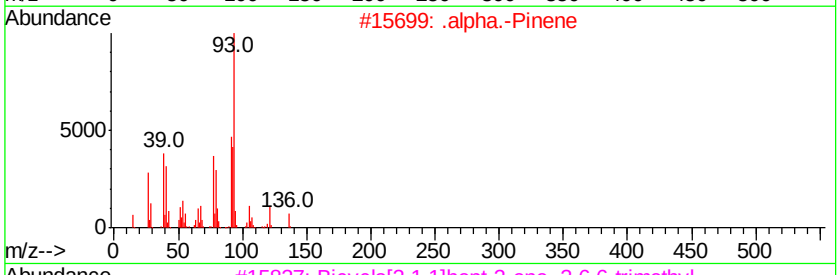
Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 2

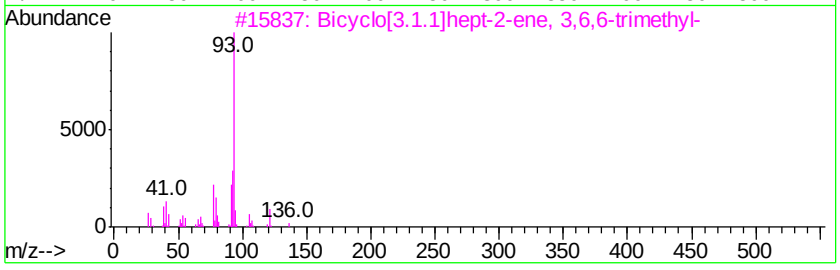
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	3.03 ng/ul	23629	1,4-Dichlorobenzene-d4	8.22

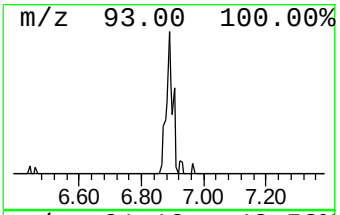
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	89
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	87
4	.gamma.-Terpinene	136	C10H16	000099-85-4	87
5	.gamma.-Terpinene	136	C10H16	000099-85-4	83

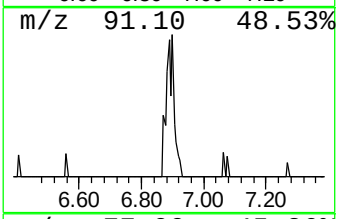


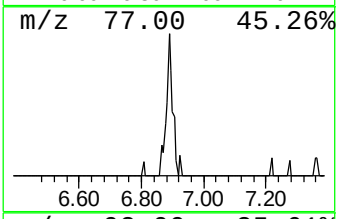


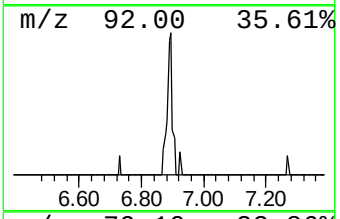


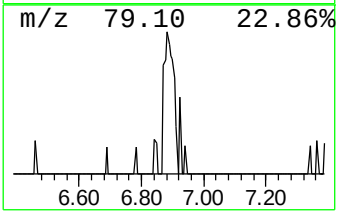












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047636.D
Acq On : 8 Dec 2020 3:31
Operator : CG/JU
Sample : L4862-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

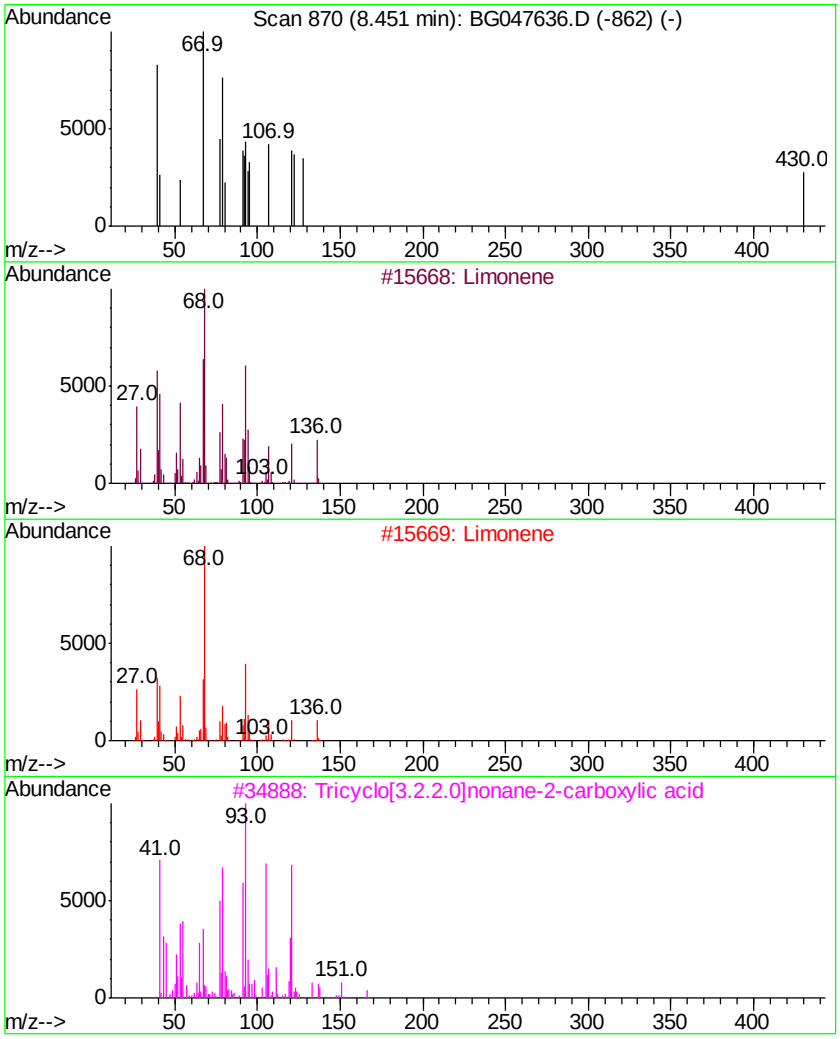
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

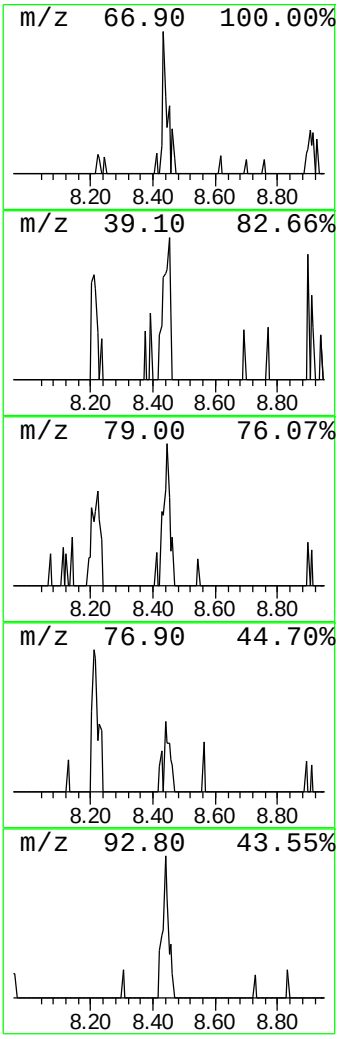
****

Peak Number 2 Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	2.08 ng/ul	16202	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Limonene	136	C10H16	000138-86-3	62
2	Limonene	136	C10H16	000138-86-3	43
3	Tricyclo[3.2.2.0]nonane-2-carbox...	166	C10H14O2	033101-05-2	43
4	1,7-Octadiene, 2-methyl-6-methyl...	136	C10H16	001686-30-2	38
5	1,7-Octadiene, 2-methyl-6-methyl...	136	C10H16	001686-30-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047636.D
Acq On : 8 Dec 2020 3:31
Operator : CG/JU
Sample : L4862-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

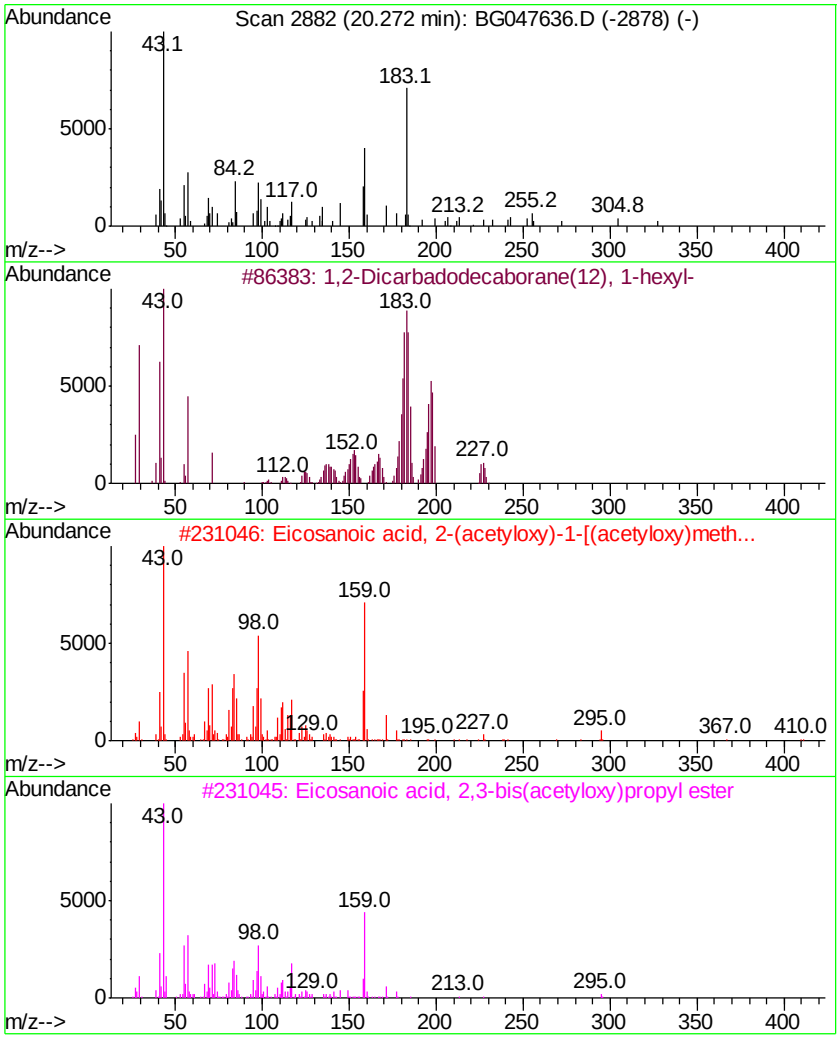
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

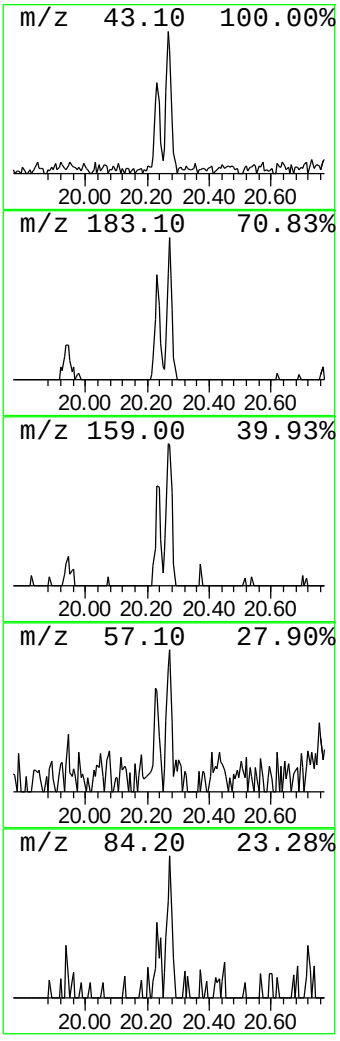
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.11 ng/ul	50266	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dicarbadodecaborane(12), 1-h...	230	C8H24B10	020740-05-0	14
2	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	12
3	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	12
4	Dodecanoic acid, ethenyl ester	226	C14H26O2	002146-71-6	10
5	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047636.D
Acq On : 8 Dec 2020 3:31
Operator : CG/JU
Sample : L4862-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

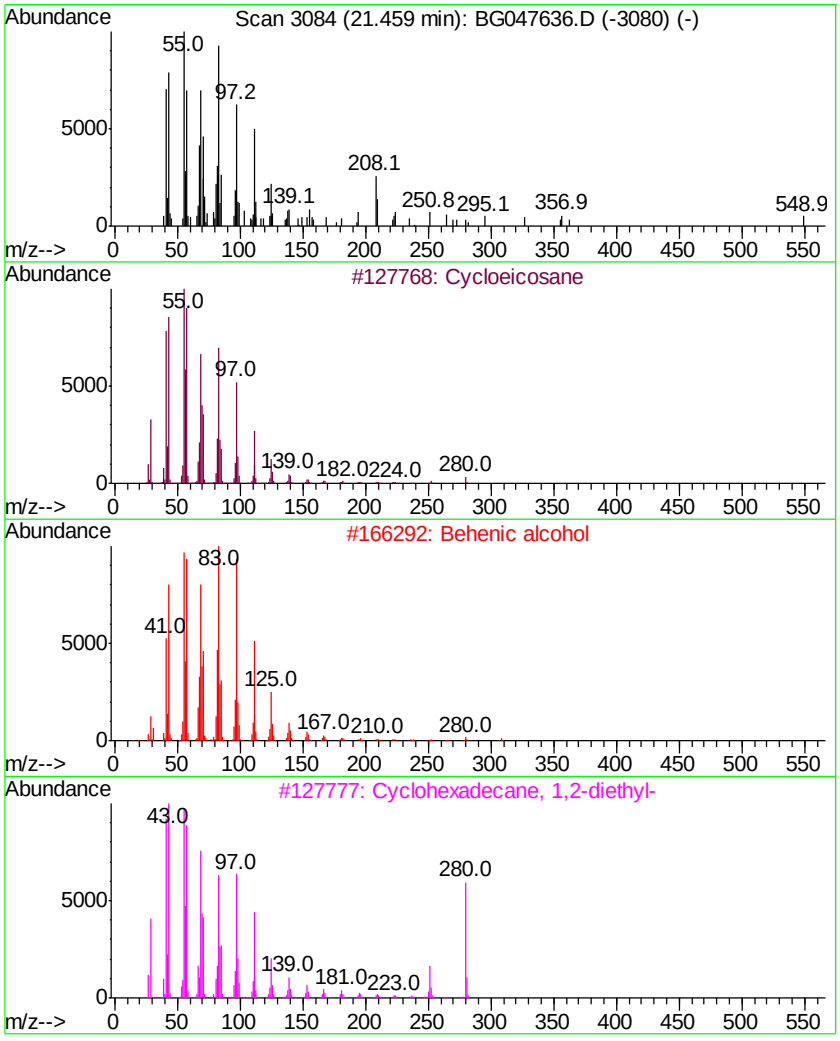
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

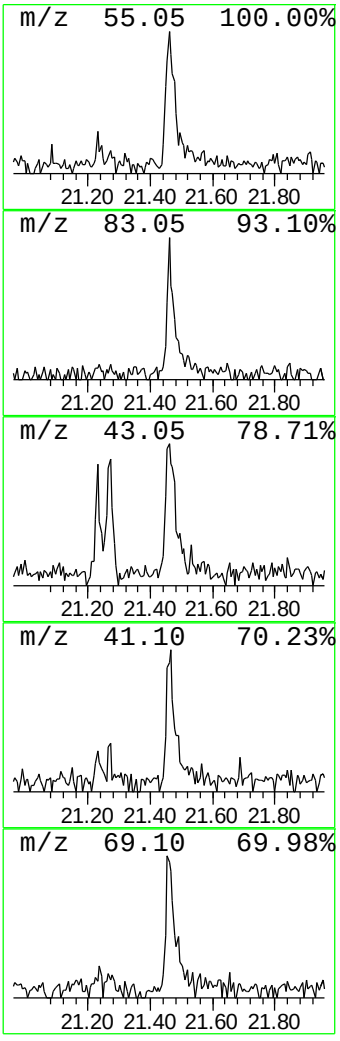
****

Peak Number 4 (DEL) Alkane: Cyclic21.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	3.96 ng/ul	94452	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	76
2	Behenic alcohol	326	C22H46O	000661-19-8	70
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	58
4	Cetene	224	C16H32	000629-73-2	58
5	Triacontyl acetate	480	C32H64O2	041755-58-2	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120720\
Data File : BG047636.D
Acq On : 8 Dec 2020 3:31
Operator : CG/JU
Sample : L4862-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.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
(1R)-2,6,6-Trimet...	6.89	3.0	ng/ul	23629	1	8.22	155897	20.0
Limonene	8.45	2.1	ng/ul	16202	1	8.22	155897	20.0
unknown-01	20.27	2.1	ng/ul	50266	5	21.85	477295	20.0
(DEL) Alkane: Cyc...	21.46	4.0	ng/ul	94452	5	21.85	477295	20.0