LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020435.D
Acq On : 23 Dec 2015 9:34
Operator : UM/SJ
Sample : G4768-11DL 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35DL

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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	3.107	42	46	56	rVB3	8679	16779	3.20%	0.511%
2	4.094	213	214	217	rBV2	746	714	0.14%	0.022%
3	5.111	384	387	390	rBV2	457	650	0.12%	0.020%
4	5.187	397	400	405	rVB2	429	737	0.14%	0.022%
5	5.563	460	464	469	rVB2	1420	2064	0.39%	0.063%
6	5.699	482	487	489	rBV3	678	991	0.19%	0.030%
7	6.110	554	557	561	rBV	413	633	0.12%	0.019%
8	7.408	774	778	780	rBB	602	640	0.12%	0.019%
9	7.720	828	831	835	rBB	704	965	0.18%	0.029%
10	8.084	886	893	902	rBV	70229	116153	22.15%	3.534%
11	8.460	952	957	963	rBB	4490	6984	1.33%	0.213%
12	8.624	980	985	992	rBB2	5931	10402	1.98%	0.317%
13	9.570	1143	1146	1150	rVB	791	978	0.19%	0.030%
14	10.293	1265	1269	1271	rBV	891	1139	0.22%	0.035%
15	10.328	1273	1275	1278	rVB2	959	844	0.16%	0.026%
16	10.393	1283	1286	1293	rBB2	1033	1914	0.37%	0.058%
17	10.534	1306	1310	1313	rBB	706	880	0.17%	0.027%
18	10.904	1365	1373	1376	rBV	102464	188070	35.87%	5.722%
19	10.951	1376	1381	1390	rVB	271281	484809	92.46%	14.751%
20	11.069	1395	1401	1410	rVB	11260	19010	3.63%	0.578%
21	12.455	1633	1637	1639	rBB2	1092	1152	0.22%	0.035%
22	12.549	1647	1653	1662	rBB	53685	86856	16.56%	2.643%
23	12.673	1670	1674	1677	rBB2	930	1369	0.26%	0.042%
24	12.767	1680	1690	1699	rBB	32185	52101	9.94%	1.585%
25	13.554	1818	1824	1830	rBB	11247	16177	3.09%	0.492%
26	13.748	1852	1857	1861	rBV2	1711	2740	0.52%	0.083%
27	13.889	1874	1881	1886	rBB2	2139	4875	0.93%	0.148%
28	14.036	1901	1906	1911	rBB2	4213	7361	1.40%	0.224%
29	14.095	1911	1916	1918	rBV	2504	4061	0.77%	0.124%
30	14.271	1942	1946	1951	rBV	1384	2205	0.42%	0.067%
31	14.412	1966	1970	1972	rBV	2624	3493	0.67%	0.106%
32	14.441	1972	1975	1981	rVB2	3526	4947	0.94%	0.151%
33	14.717	2012	2022	2028	rBV2	186050	309453	59.02%	9.416%
34	14.782	2028	2033	2040	rVV	73051	111511	21.27%	3.393%

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Sample : G4768-11DL 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35DL

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Title : SVOA CALIBRATION

35	14.847	2040	2044	2051	rVB	8862	13084	2.50%	0.398%
36	15.029	2070	2075	2079	rBB	1070	1372	0.26%	0.042%
37	15.117	2083	2090	2100	rBB	35650	58769	11.21%	1.788%
38	15.704	2185	2190	2195	rBV	5219	7708	1.47%	0.235%
39	15.763	2195	2200	2206	rVV	42228	63046	12.02%	1.918%
40	15.857	2210	2216	2217	rBV	970	997	0.19%	0.030%
41	15.887	2218	2221	2224	rVV	1490	1999	0.38%	0.061%
42	15.928	2224	2228	2233	rVB	1884	2914	0.56%	0.089%
43	16.010	2240	2242	2246	rVB	1263	1375	0.26%	0.042%
44	16.057	2246	2250	2254	rBB	1731	2356	0.45%	0.072%
45	16.198	2269	2274	2281	rBB3	2199	4524	0.86%	0.138%
46	16.562	2330	2336	2340	rBB2	1990	2674	0.51%	0.081%
47	16.662	2350	2353	2356	rBB	719	676	0.13%	0.021%
48	16.756	2364	2369	2376	rVB3	825	1967	0.38%	0.060%
49	17.279	2456	2458	2464	rVB2	3415	4364	0.83%	0.133%
50	17.461	2483	2489	2494	rBV2	265227	404816	77.20%	12.317%
51	17.502	2494	2496	2502	rVV	59779	78922	15.05%	2.401%
52	17.561	2502	2506	2510	rVV2	6921	11340	2.16%	0.345%
53	17.590	2510	2511	2517	rVB	2841	3287	0.63%	0.100%
54	17.867	2553	2558	2567	rVB	31672	46203	8.81%	1.406%
55	17.984	2572	2578	2579	rVV2	539	1036	0.20%	0.032%
56	18.019	2583	2584	2590	rVB2	563	668	0.13%	0.020%
57	18.119	2598	2601	2604	rVB	760	793	0.15%	0.024%
58	18.301	2628	2632	2634	rBV	710	643	0.12%	0.020%
59	18.343	2634	2639	2642	rVV2	909	1478	0.28%	0.045%
60	18.384	2642	2646	2652	rVB2	5224	7201	1.37%	0.219%
61	18.536	2665	2672	2678	rBV3	2963	5041	0.96%	0.153%
62	18.630	2685	2688	2692	rBV2	1326	1767	0.34%	0.054%
63	18.677	2693	2696	2700	rVB	2441	2884	0.55%	0.088%
64	18.713	2700	2702	2706	rVB2	510	625	0.12%	0.019%
65	18.771	2707	2712	2716	rVB2	2542	3448	0.66%	0.105%
66	18.824	2716	2721	2727	rBV2	861	1932	0.37%	0.059%
67	18.865	2727	2728	2733	rVB	672	810	0.15%	0.025%
68	19.153	2773	2777	2780	rBV2	738	813	0.16%	0.025%
69	19.506	2832	2837	2843	rBV	6980	10243	1.95%	0.312%
70	19.600	2852	2853	2856	rBV	660	762	0.15%	0.023%
71	19.694	2867	2869	2872	rVB	837	763	0.15%	0.023%

LSC Area Percent Report

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Sample : G4768-11DL 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35DL

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Title : SVOA CALIBRATION

72	19.841	2889	2894	2897	rBV	7258	10928	2.08%	0.333%
73	19.970	2914	2916	2919	rVB2	758	726	0.14%	0.022%
74	20.046	2927	2929	2931	rBV2	758	826	0.16%	0.025%
75	20.252	2960	2964	2967	rVB3	2387	3606	0.69%	0.110%
76	20.434	2994	2995	2998	rBV3	1046	906	0.17%	0.028%
77	20.740	3045	3047	3048	rBV2	1661	808	0.15%	0.025%
78	20.781	3052	3054	3057	rVV3	1179	1015	0.19%	0.031%
79	21.739	3210	3217	3225	rBV	317727	524341	100.00%	15.954%
80	25.005	3763	3773	3790	rVB	179526	503362	96.00%	15.316%
81	26.133	3960	3965	3977	rVB7	8321	23040	4.39%	0.701%

Sum of corrected areas: 3286515

LSC Report - Integrated Chromatogram

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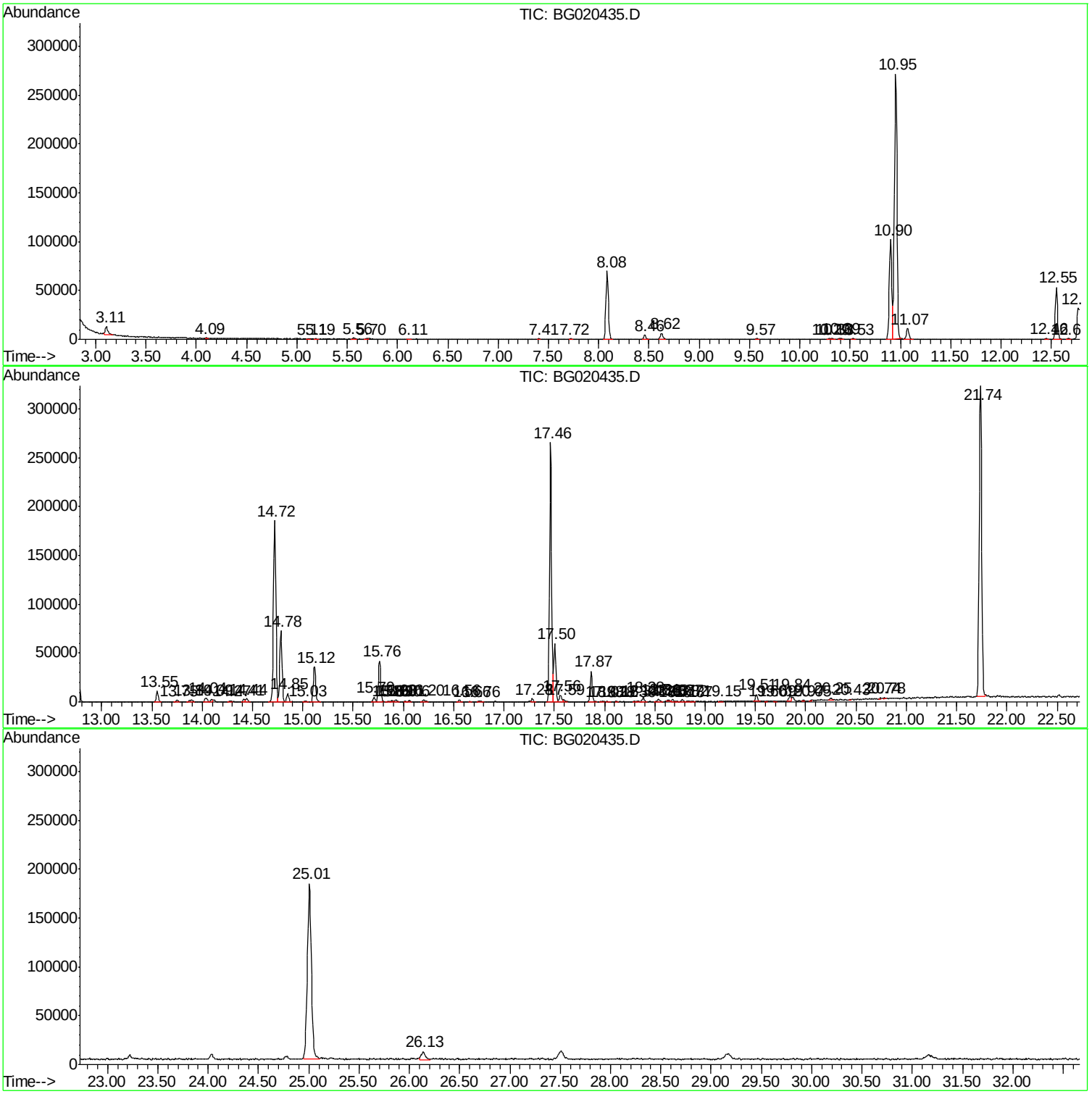
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020435.D
Acq On : 23 Dec 2015 9:34
Operator : UM/SJ
Sample : G4768-11DL 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

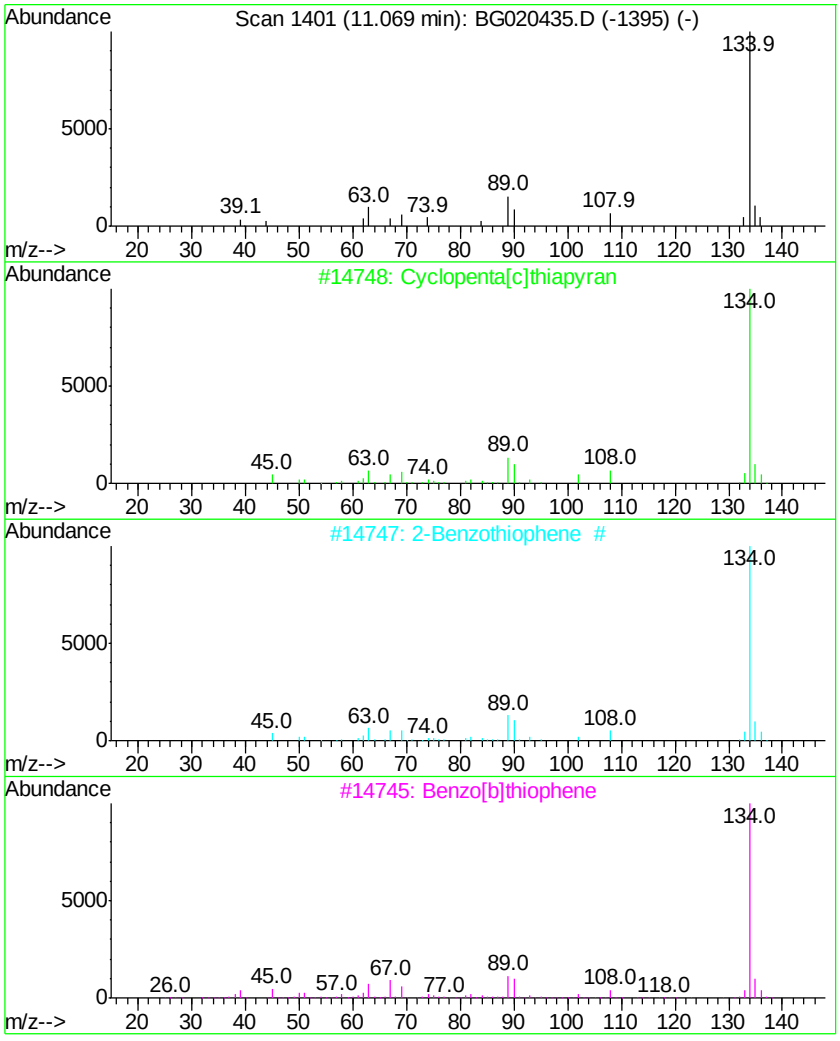
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

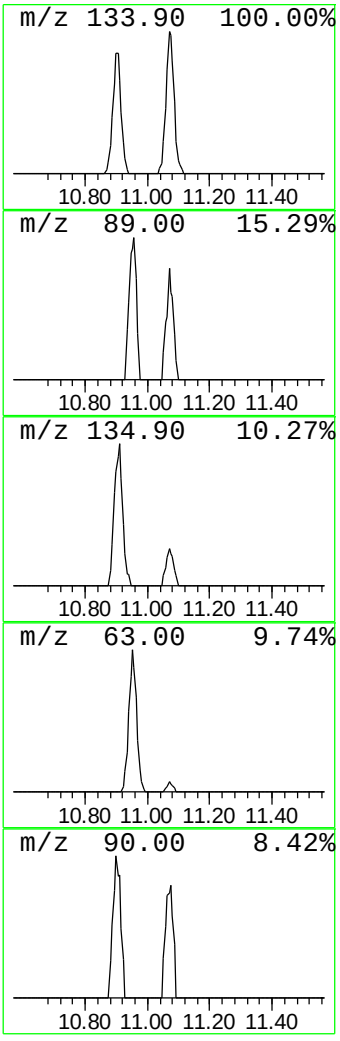
****

Peak Number 2 Cyclopenta[c]thiapyran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.02 ng/ul	19010	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
2	2-Benzothiophene #	134	C8H6S	000270-82-6	91
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	86
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	86





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

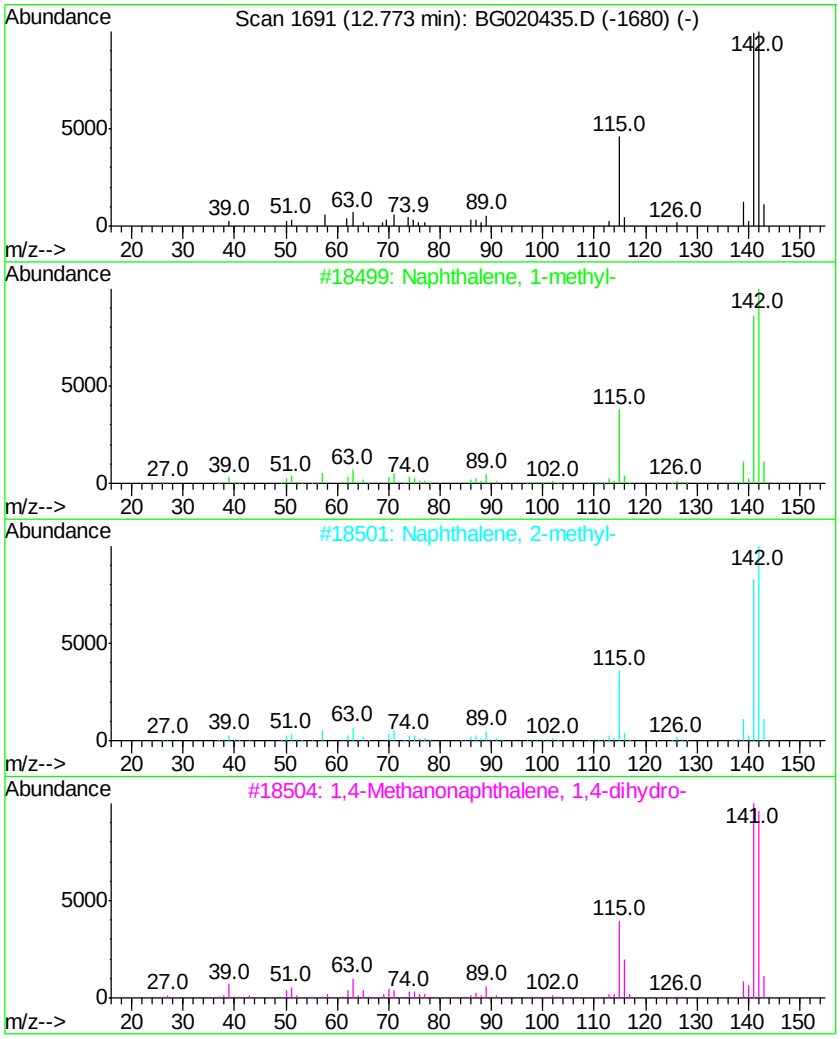
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

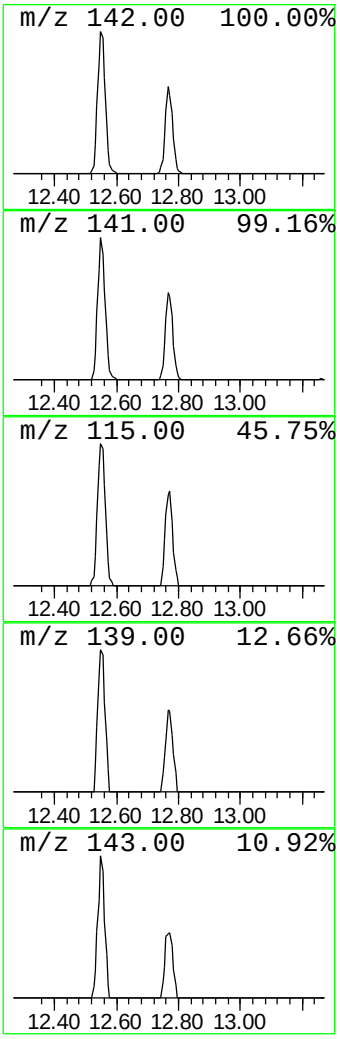
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	5.54 ng/ul	52101	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopenta[c]thia...	11.07	2.0	ng/ul	19010	2	10.90	188070	20.0
Naphthalene, 1-me...	12.77	5.5	ng/ul	52101	2	10.90	188070	20.0