LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019454.D
Acq On : 3 Nov 2015 16:17
Operator : UM/NP
Sample : G4202-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY64

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-BG102815.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	2.978	22	24	26	rVB2	2793	1954	0.13%	0.016%
2	3.066	38	39	42	rBV3	2373	2813	0.19%	0.023%
3	3.131	44	50	58	rVV2	61221	121570	8.33%	0.984%
4	3.207	58	63	73	rVB	193424	277434	19.01%	2.247%
5	3.842	168	171	173	rBV3	3257	3489	0.24%	0.028%
6	4.077	207	211	214	rVB3	1657	2238	0.15%	0.018%
7	4.271	239	244	253	rBV4	6240	10408	0.71%	0.084%
8	4.793	330	333	339	rBV2	1925	2957	0.20%	0.024%
9	5.222	402	406	412	rBV3	1798	3224	0.22%	0.026%
10	5.316	419	422	425	rBV2	2199	2111	0.14%	0.017%
11	5.457	444	446	450	rBV2	1534	2203	0.15%	0.018%
12	5.669	477	482	483	rBV	1986	2242	0.15%	0.018%
13	6.192	568	571	574	rVB3	2360	2586	0.18%	0.021%
14	6.303	587	590	592	rBV	1824	2244	0.15%	0.018%
15	6.409	604	608	610	rVB2	1848	2054	0.14%	0.017%
16	7.279	753	756	758	rBV2	2189	2470	0.17%	0.020%
17	7.326	758	764	771	rVB2	29471	49018	3.36%	0.397%
18	7.490	787	792	799	rBV	98995	168319	11.53%	1.363%
19	7.649	814	819	822	rBV2	1470	2208	0.15%	0.018%
20	7.708	822	829	836	rBV2	109934	186113	12.75%	1.507%
21	8.178	903	909	916	rBV	106114	182044	12.47%	1.474%
22	8.231	916	918	923	rVB2	4239	4214	0.29%	0.034%
23	8.424	950	951	956	rVB2	1912	1880	0.13%	0.015%
24	8.883	1021	1029	1036	rBV2	87440	154648	10.59%	1.252%
25	9.006	1044	1050	1054	rBV4	2309	3928	0.27%	0.032%
26	9.288	1090	1098	1102	rBV2	12920	25960	1.78%	0.210%
27	9.353	1102	1109	1116	rVB	154340	271622	18.61%	2.200%
28	9.441	1121	1124	1128	rVB	1715	2627	0.18%	0.021%
29	9.746	1172	1176	1178	rBV3	3231	3759	0.26%	0.030%
30	10.081	1226	1233	1240	rVB	142231	252553	17.30%	2.045%
31	10.622	1318	1325	1332	rBV2	182161	322084	22.06%	2.608%
32	10.681	1332	1335	1342	rVB	2020	3917	0.27%	0.032%
33	10.734	1342	1344	1346	rBV2	1800	1889	0.13%	0.015%
34	10.904	1369	1373	1378	rVB2	2940	4822	0.33%	0.039%

LSC Area Percent Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY64

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-BG102815.M
Title : SVOA CALIBRATION

35	11.010	1384	1391	1397	rBV	146899	256371	17.56%	2.076%
36	11.303	1439	1441	1446	rBV	1573	1886	0.13%	0.015%
37	11.662	1498	1502	1506	rVB2	1587	2345	0.16%	0.019%
38	11.768	1516	1520	1522	rBV2	1564	2024	0.14%	0.016%
39	12.155	1584	1586	1591	rVB2	1056	1891	0.13%	0.015%
40	12.238	1596	1600	1603	rVV3	3498	5951	0.41%	0.048%
41	12.267	1603	1605	1611	rVB2	7501	9704	0.66%	0.079%
42	12.443	1633	1635	1638	rBV	1480	1896	0.13%	0.015%
43	12.578	1656	1658	1662	rVB2	3551	3926	0.27%	0.032%
44	13.166	1755	1758	1766	rVB4	6040	12297	0.84%	0.100%
45	13.413	1795	1800	1805	rBV2	9853	13548	0.93%	0.110%
46	13.695	1843	1848	1849	rBV4	2034	2532	0.17%	0.021%
47	13.718	1849	1852	1860	rVB3	3743	7825	0.54%	0.063%
48	14.206	1929	1935	1941	rBV	454959	646226	44.27%	5.233%
49	14.506	1978	1986	1993	rBV	419907	643113	44.06%	5.208%
50	14.611	2001	2004	2009	rVB2	1953	2891	0.20%	0.023%
51	14.658	2009	2012	2014	rBV	2008	2518	0.17%	0.020%
52	14.811	2029	2038	2045	rBV3	280066	444518	30.45%	3.600%
53	14.882	2045	2050	2055	rVB3	12541	16554	1.13%	0.134%
54	14.993	2064	2069	2077	rVB2	47506	76558	5.24%	0.620%
55	15.469	2146	2150	2155	rVB	16226	21527	1.47%	0.174%
56	15.604	2169	2173	2176	rVB3	4532	6350	0.43%	0.051%
57	15.798	2200	2206	2213	rVB	619035	895404	61.34%	7.251%
58	15.904	2218	2224	2234	rBV	267224	393209	26.94%	3.184%
59	16.033	2243	2246	2252	rVB2	6617	10117	0.69%	0.082%
60	16.145	2261	2265	2272	rVB3	3988	7276	0.50%	0.059%
61	16.333	2294	2297	2298	rBV	1669	1890	0.13%	0.015%
62	16.674	2350	2355	2357	rBV2	4690	7077	0.48%	0.057%
63	17.126	2430	2432	2437	rVB	3172	4355	0.30%	0.035%
64	17.332	2466	2467	2470	rVB2	2594	1958	0.13%	0.016%
65	17.443	2481	2486	2491	rVB2	1116	2441	0.17%	0.020%
66	17.484	2491	2493	2495	rBV2	1858	2297	0.16%	0.019%
67	17.549	2498	2504	2511	rBV2	424114	650376	44.55%	5.267%
68	17.649	2514	2521	2528	rBV2	726816	1100089	75.36%	8.908%
69	17.731	2534	2535	2539	rBV3	1579	1915	0.13%	0.016%
70	17.808	2546	2548	2553	rVB	4300	5752	0.39%	0.047%
71	18.201	2609	2615	2621	rBV2	168764	217050	14.87%	1.758%

LSC Area Percent Report

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Operator : UM/NP
Sample : G4202-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY64

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-BG102815.M
Title : SVOA CALIBRATION

72	18.378	2641	2645	2648	rVB3	3287	4858	0.33%	0.039%
73	18.407	2648	2650	2653	rBV4	3210	4355	0.30%	0.035%
74	18.489	2660	2664	2668	rBV2	6518	10107	0.69%	0.082%
75	18.530	2669	2671	2673	rVV3	5004	3550	0.24%	0.029%
76	18.677	2693	2696	2700	rVB2	9391	9934	0.68%	0.080%
77	18.783	2709	2714	2715	rBV3	1512	2018	0.14%	0.016%
78	18.801	2715	2717	2720	rVB2	2434	1996	0.14%	0.016%
79	18.977	2743	2747	2749	rBV2	2189	3930	0.27%	0.032%
80	19.006	2749	2752	2755	rVV4	3597	4432	0.30%	0.036%
81	19.182	2780	2782	2785	rVB3	3646	2696	0.18%	0.022%
82	19.388	2815	2817	2818	rBV2	3287	2505	0.17%	0.020%
83	19.417	2820	2822	2823	rBV	3600	2653	0.18%	0.021%
84	19.488	2832	2834	2839	rVB5	3231	3897	0.27%	0.032%
85	19.558	2842	2846	2851	rBV2	13135	19424	1.33%	0.157%
86	19.811	2887	2889	2894	rVB2	8891	11555	0.79%	0.094%
87	19.923	2901	2908	2919	rBV	972355	1423864	97.54%	11.530%
88	20.187	2951	2953	2954	rVB2	4407	2223	0.15%	0.018%
89	21.832	3226	3233	3240	rVB	562653	946323	64.83%	7.663%
90	24.952	3753	3764	3776	rVB	515482	1459790	100.00%	11.821%
91	25.181	3793	3803	3813	rBV2	301123	861746	59.03%	6.978%

Sum of corrected areas: 12349115

LSC Report - Integrated Chromatogram

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Data File : BG019454.D
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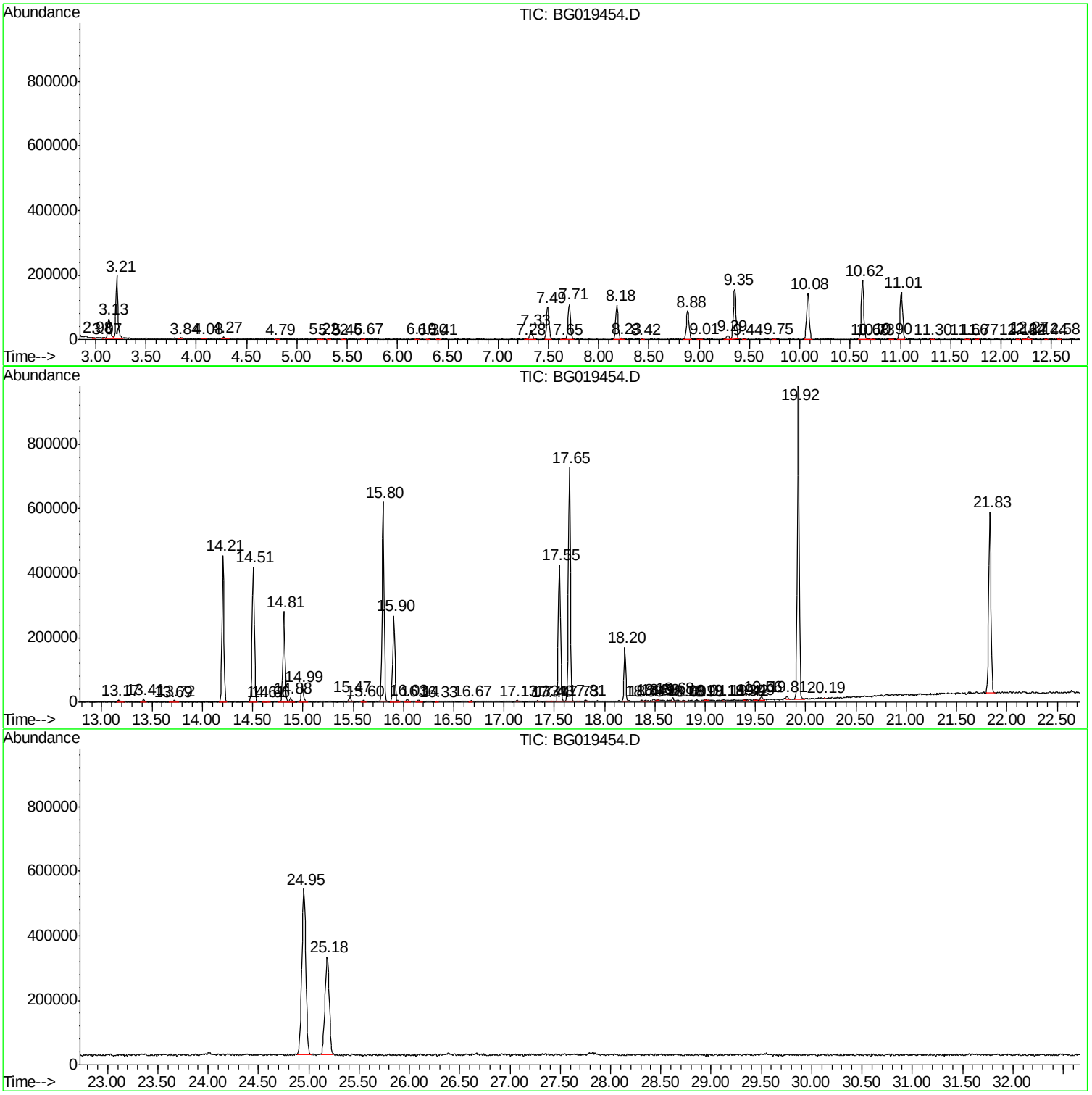
Operator : UM/NP
Sample : G4202-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY64

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019454.D
Acq On : 3 Nov 2015 16:17
Operator : UM/NP
Sample : G4202-12
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

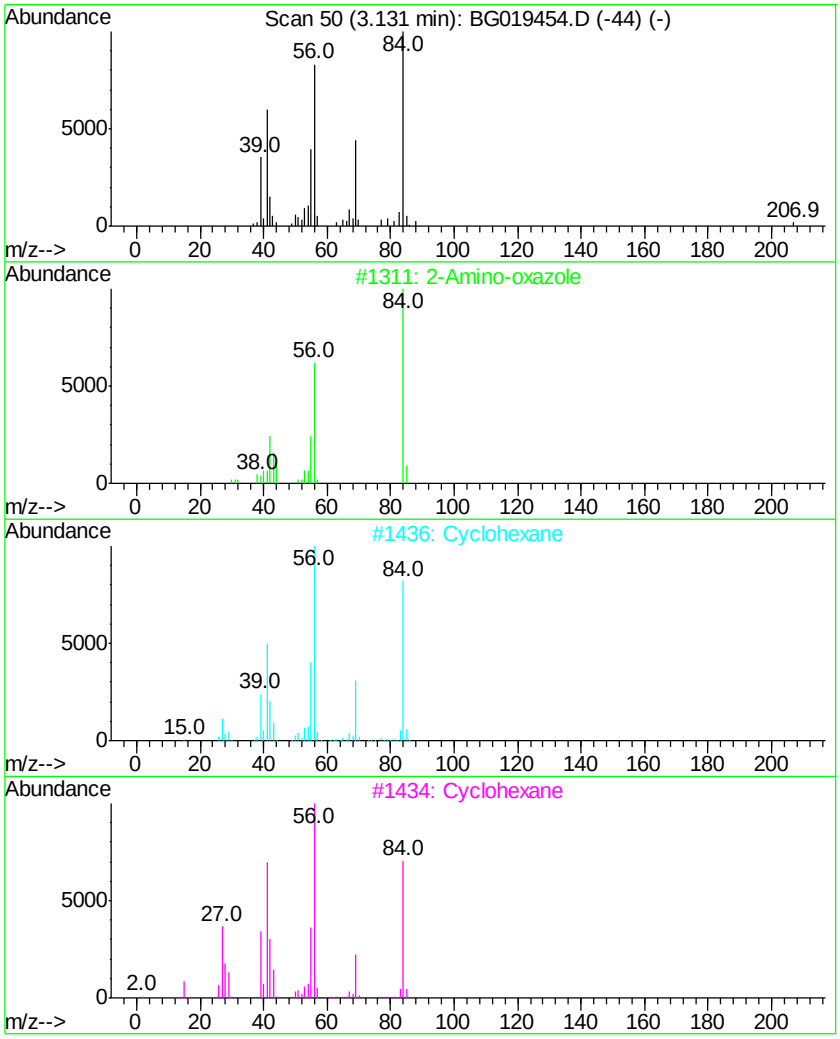
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

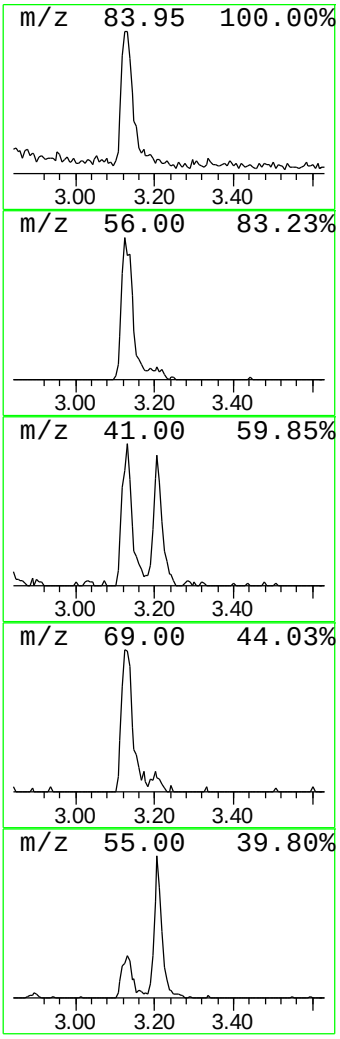
****

Peak Number 1 2-Amino-oxazole Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	13.36 ng/ul	121570	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-oxazole	84	C3H4N2O	004570-45-0	86
2	Cyclohexane	84	C6H12	000110-82-7	86
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclohexane	84	C6H12	000110-82-7	64
5	Pyridine-D5-	84	C5D5N	007291-22-7	64





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Sample : G4202-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY64

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

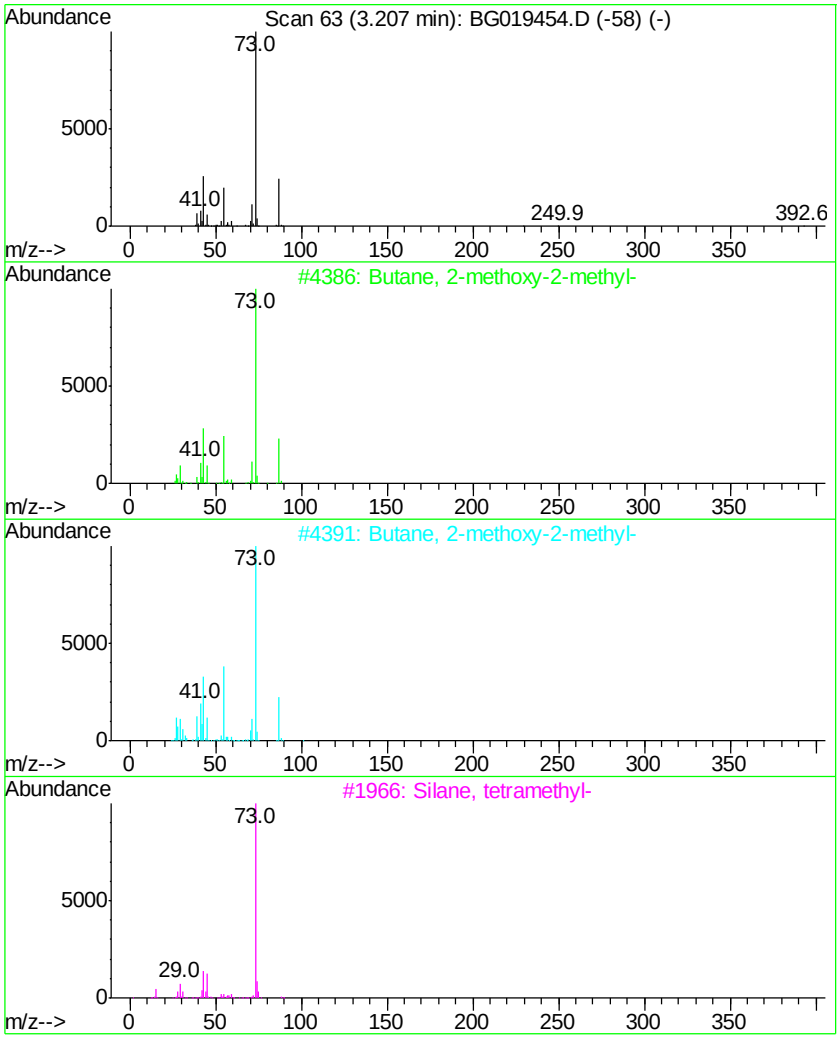
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

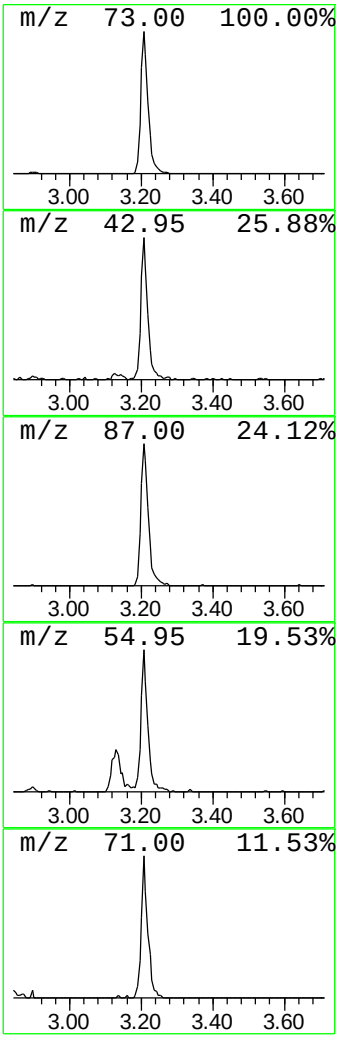
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	30.48 ng/ul	277434	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	43
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Misc :
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Instrument : BNA_G
ClientSampleId : BCY64

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

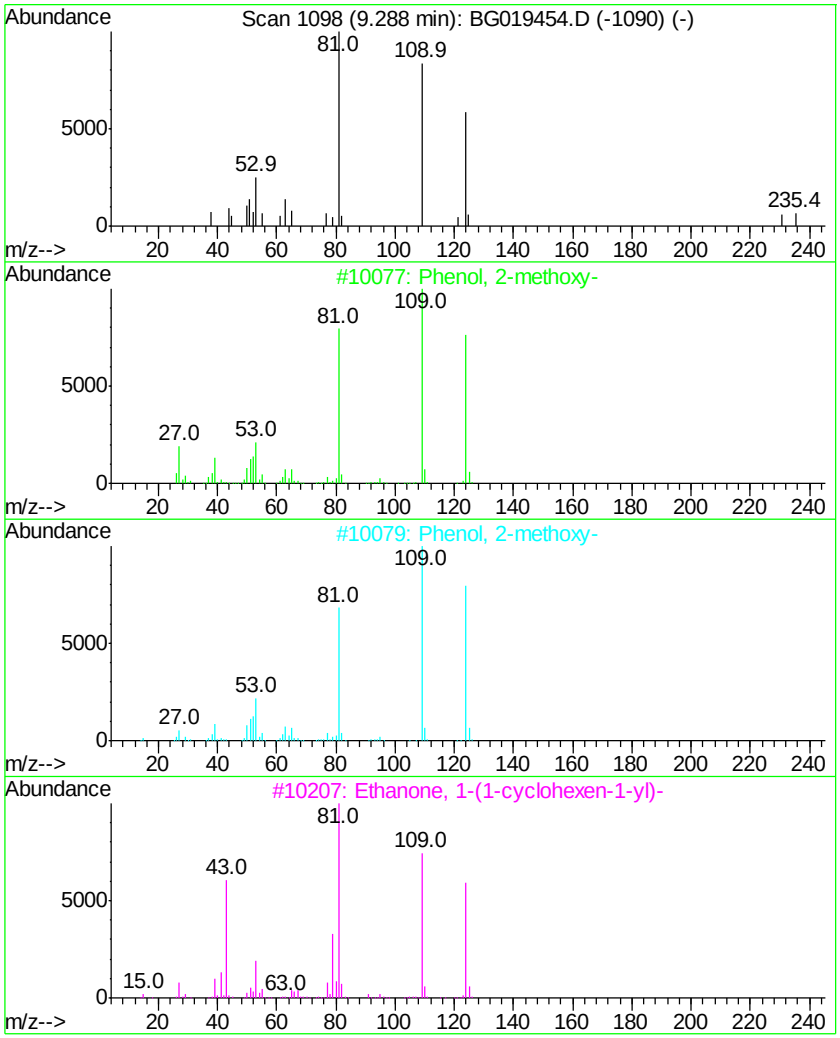
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

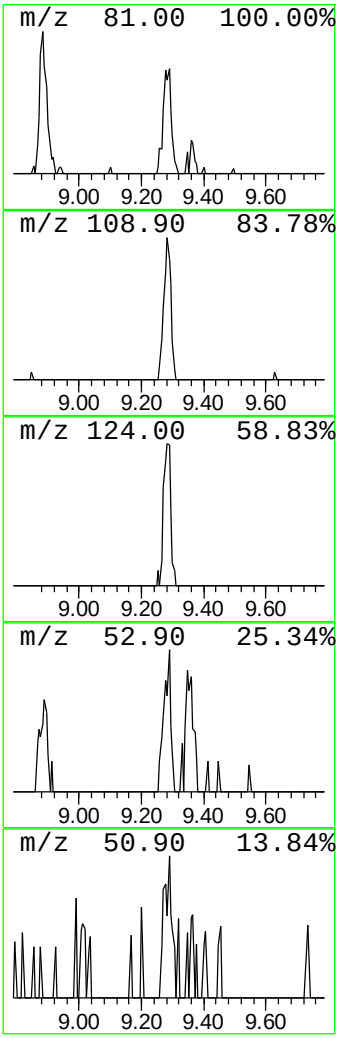
****

Peak Number 3 Phenol, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.85 ng/ul	25960	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	80
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	80
3	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	72
4	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	72
5	Mequinol	124	C7H8O2	000150-76-5	52





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY64

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

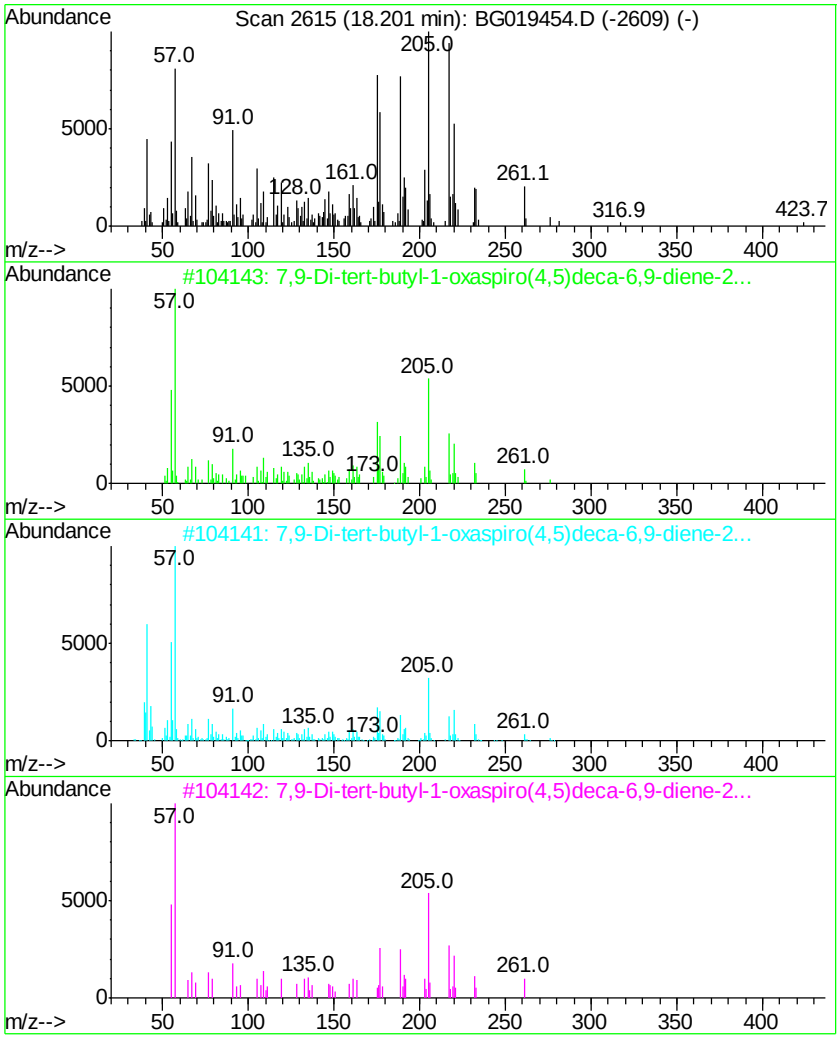
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

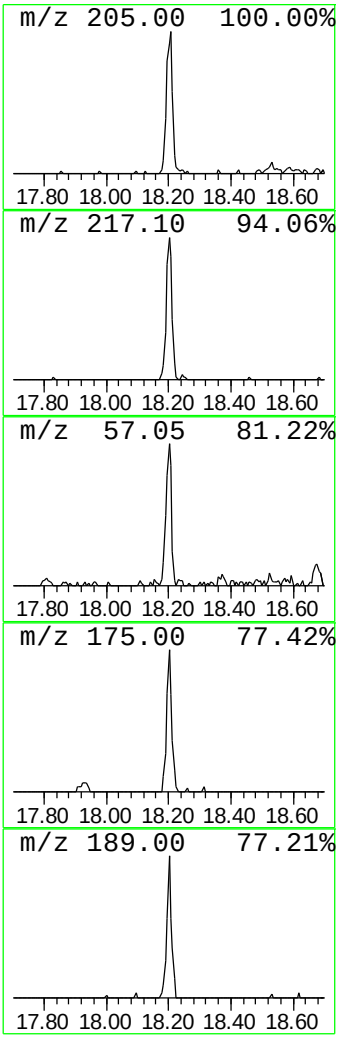
****

Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	6.67 ng/ul	217050	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	78
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	58
4	Benzenethanol, O,.beta.,.beta.,2...	220	C15H24O	1000128-94-8	41
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
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Instrument : BNA_G
ClientSampleId : BCY64

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
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
2-Amino-oxazole	3.13	13.4	ng/ul	121570	1	8.18	182044	20.0
Butane, 2-methoxy...	3.21	30.5	ng/ul	277434	1	8.18	182044	20.0
Phenol, 2-methoxy-	9.29	2.9	ng/ul	25960	1	8.18	182044	20.0
7,9-Di-tert-butyl...	18.20	6.7	ng/ul	217050	4	17.55	650376	20.0