LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
Data File : BG019525.D
Acq On : 6 Nov 2015 23:21
Operator : UM/NP
Sample : G4291-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY62

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	3.032	31	33	35	rBV2	3190	3181	0.17%	0.018%
2	3.126	44	49	57	rBV	90339	171042	8.96%	0.960%
3	3.208	58	63	75	rVB	697124	1021478	53.54%	5.734%
4	3.484	107	110	114	rBV5	3513	4459	0.23%	0.025%
5	3.848	169	172	177	rVB4	4431	7491	0.39%	0.042%
6	4.271	240	244	248	rBV3	2723	4276	0.22%	0.024%
7	4.371	259	261	267	rVB4	1894	2783	0.15%	0.016%
8	4.577	295	296	301	rVB3	2585	3163	0.17%	0.018%
9	4.642	303	307	312	rVB3	8239	12470	0.65%	0.070%
10	5.670	479	482	486	rVB4	2395	2582	0.14%	0.014%
11	6.193	566	571	577	rVB6	4326	7416	0.39%	0.042%
12	6.534	627	629	632	rBV3	2793	3457	0.18%	0.019%
13	6.657	647	650	654	rVB5	3930	4884	0.26%	0.027%
14	7.150	728	734	742	rBV3	14595	31205	1.64%	0.175%
15	7.321	755	763	772	rBV2	49481	90971	4.77%	0.511%
16	7.491	785	792	801	rVB	154732	251088	13.16%	1.409%
17	7.709	822	829	837	rVB	155230	267906	14.04%	1.504%
18	8.179	903	909	915	rBV2	148964	244248	12.80%	1.371%
19	8.232	915	918	924	rVB2	8796	12689	0.67%	0.071%
20	8.884	1019	1029	1038	rBV	137299	243680	12.77%	1.368%
21	9.007	1046	1050	1055	rVB3	5388	7603	0.40%	0.043%
22	9.283	1092	1097	1102	rBV	18961	31097	1.63%	0.175%
23	9.348	1102	1108	1122	rVB	214227	391182	20.50%	2.196%
24	9.495	1130	1133	1137	rVB4	4111	5644	0.30%	0.032%
25	9.747	1168	1176	1181	rBV2	2871	5130	0.27%	0.029%
26	10.076	1224	1232	1239	rBV	202181	352196	18.46%	1.977%
27	10.282	1264	1267	1272	rBV3	4064	5804	0.30%	0.033%
28	10.623	1317	1325	1332	rBV	275842	490805	25.72%	2.755%
29	10.776	1347	1351	1355	rBV3	3942	5342	0.28%	0.030%
30	10.905	1366	1373	1381	rVB6	10131	19727	1.03%	0.111%
31	11.011	1383	1391	1404	rVV	196188	364063	19.08%	2.044%
32	11.128	1409	1411	1412	rBV2	5086	3424	0.18%	0.019%
33	11.663	1498	1502	1507	rBV3	3511	5754	0.30%	0.032%
34	11.769	1514	1520	1521	rBV2	3474	4573	0.24%	0.026%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
Data File : BG019525.D
Acq On : 6 Nov 2015 23:21
Operator : UM/NP
Sample : G4291-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY62

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	11.886	1537	1540	1543	rBV3	1739	2694	0.14%	0.015%
36	12.156	1583	1586	1590	rBV3	2420	2825	0.15%	0.016%
37	12.233	1593	1599	1601	rBV4	11901	18537	0.97%	0.104%
38	12.268	1601	1605	1613	rVB2	21705	36694	1.92%	0.206%
39	12.532	1645	1650	1652	rBV	2111	2692	0.14%	0.015%
40	12.574	1652	1657	1663	rVB3	5124	9591	0.50%	0.054%
41	13.002	1726	1730	1735	rBV4	1820	2977	0.16%	0.017%
42	13.167	1753	1758	1765	rVB3	6405	12127	0.64%	0.068%
43	13.261	1770	1774	1778	rVB2	3050	3897	0.20%	0.022%
44	13.408	1794	1799	1805	rVB3	16750	24896	1.30%	0.140%
45	13.719	1842	1852	1859	rBV2	91332	144139	7.55%	0.809%
46	14.201	1928	1934	1942	rBV	622200	874740	45.85%	4.910%
47	14.319	1950	1954	1961	rBV4	3430	5259	0.28%	0.030%
48	14.507	1978	1986	1994	rVB	607940	968943	50.79%	5.439%
49	14.589	1994	2000	2001	rBV	2724	5021	0.26%	0.028%
50	14.648	2008	2010	2012	rBV3	3767	3898	0.20%	0.022%
51	14.812	2030	2038	2044	rBV2	374269	629029	32.97%	3.531%
52	14.871	2044	2048	2053	rVB2	16403	22565	1.18%	0.127%
53	14.988	2063	2068	2078	rBV2	61315	105349	5.52%	0.591%
54	15.464	2143	2149	2154	rBV	19791	30080	1.58%	0.169%
55	15.599	2164	2172	2177	rBV5	9672	18494	0.97%	0.104%
56	15.746	2194	2197	2199	rBV2	4262	5495	0.29%	0.031%
57	15.793	2199	2205	2213	rVB	835201	1286609	67.44%	7.222%
58	15.905	2218	2224	2234	rVV	349691	509574	26.71%	2.860%
59	16.034	2242	2246	2252	rVB2	11604	16899	0.89%	0.095%
60	16.152	2261	2266	2274	rVB3	11348	19046	1.00%	0.107%
61	16.669	2351	2354	2359	rVB3	4267	5015	0.26%	0.028%
62	16.745	2365	2367	2370	rVB2	3982	3418	0.18%	0.019%
63	16.992	2406	2409	2413	rBV	2570	3547	0.19%	0.020%
64	17.121	2428	2431	2437	rVB3	4935	8307	0.44%	0.047%
65	17.274	2455	2457	2462	rBV3	5081	5928	0.31%	0.033%
66	17.333	2462	2467	2470	rVV2	3187	5507	0.29%	0.031%
67	17.480	2488	2492	2495	rVB3	3724	5329	0.28%	0.030%
68	17.550	2498	2504	2511	rVV2	595126	888712	46.58%	4.989%
69	17.650	2514	2521	2530	rVB	1023718	1534612	80.43%	8.614%
70	17.809	2543	2548	2553	rBV	10332	13871	0.73%	0.078%
71	18.196	2610	2614	2620	rBV2	175923	231841	12.15%	1.301%

LSC Area Percent Report

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Data File : BG019525.D
Acq On : 6 Nov 2015 23:21
Operator : UM/NP
Sample : G4291-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY62

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	18.243	2620	2622	2626	rVB3	3955	2962	0.16%	0.017%
73	18.367	2640	2643	2647	rVB3	4309	6167	0.32%	0.035%
74	18.490	2660	2664	2668	rBV	10823	15251	0.80%	0.086%
75	18.525	2668	2670	2674	rVB3	7987	8435	0.44%	0.047%
76	18.678	2690	2696	2702	rBV6	11690	17227	0.90%	0.097%
77	19.007	2746	2752	2756	rBV5	11026	15960	0.84%	0.090%
78	19.559	2839	2846	2851	rBV2	13879	21433	1.12%	0.120%
79	19.618	2854	2856	2859	rVB3	3247	3068	0.16%	0.017%
80	19.806	2886	2888	2893	rVB2	11283	15429	0.81%	0.087%
81	19.924	2901	2908	2915	rBV	1349262	1871381	98.09%	10.505%
82	21.017	3090	3094	3096	rBV4	5558	9149	0.48%	0.051%
83	21.827	3226	3232	3242	rVB2	728301	1198346	62.81%	6.727%
84	23.948	3591	3593	3595	rVB3	7794	4819	0.25%	0.027%
85	24.953	3752	3764	3776	rVB	656080	1907898	100.00%	10.709%
86	25.106	3788	3790	3791	rBV2	6321	3992	0.21%	0.022%
87	25.182	3792	3803	3814	rVB2	393950	1155154	60.55%	6.484%
88	28.520	4369	4371	4374	rBV3	6556	7389	0.39%	0.041%

Sum of corrected areas: 17815030

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
Data File : BG019525.D
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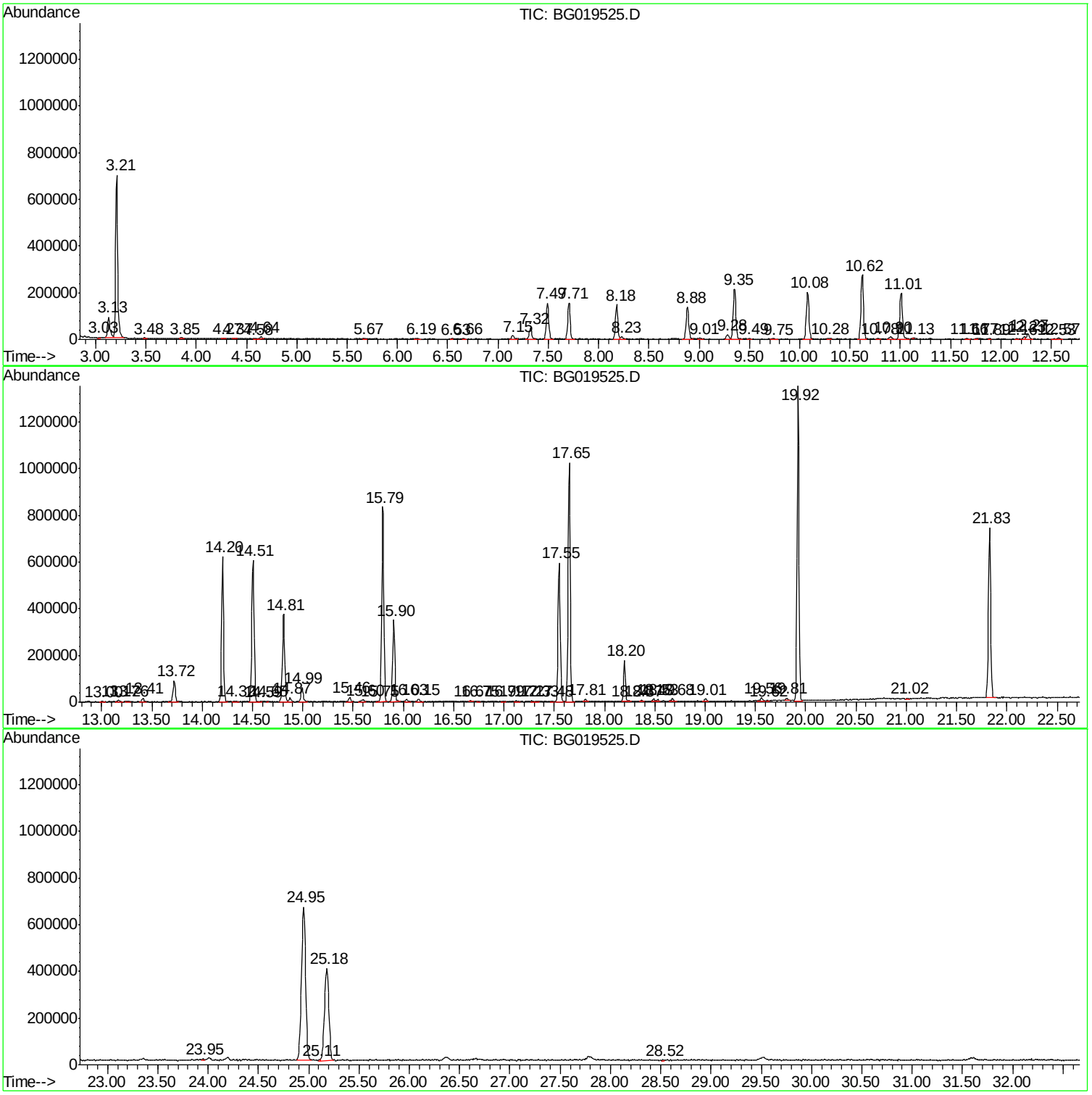
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY62

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\BG110615\
Data File : BG019525.D
Acq On : 6 Nov 2015 23:21
Operator : UM/NP
Sample : G4291-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY62

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

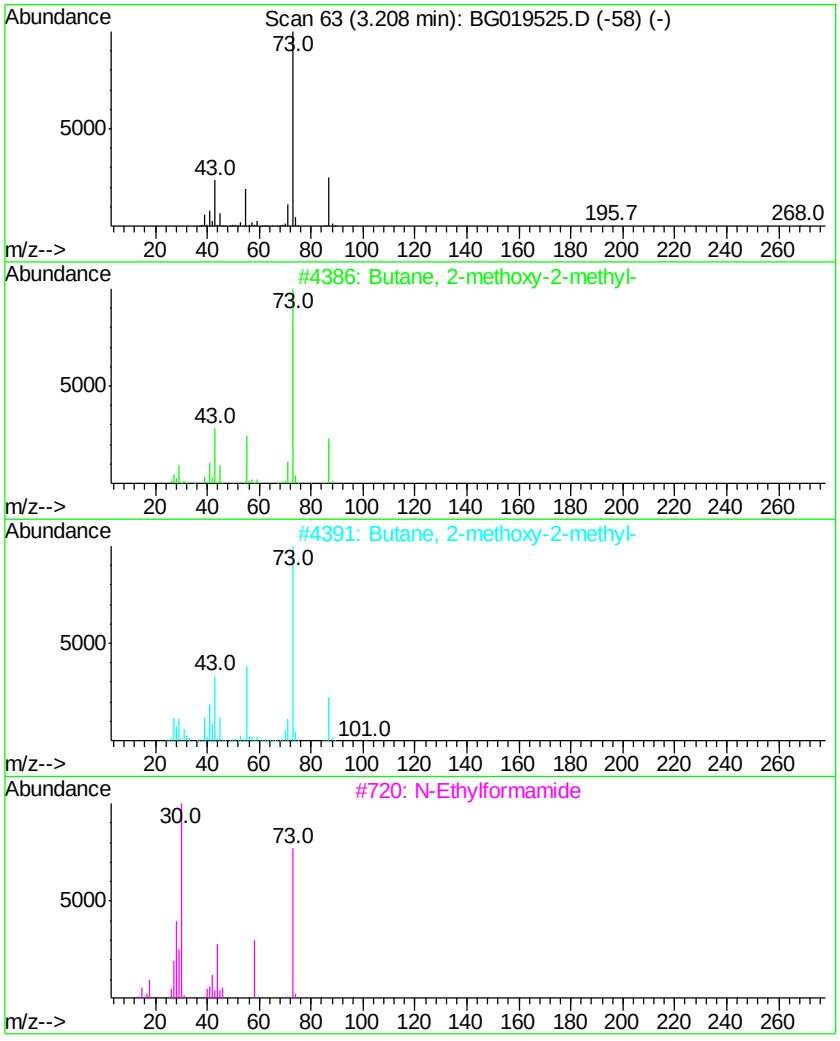
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

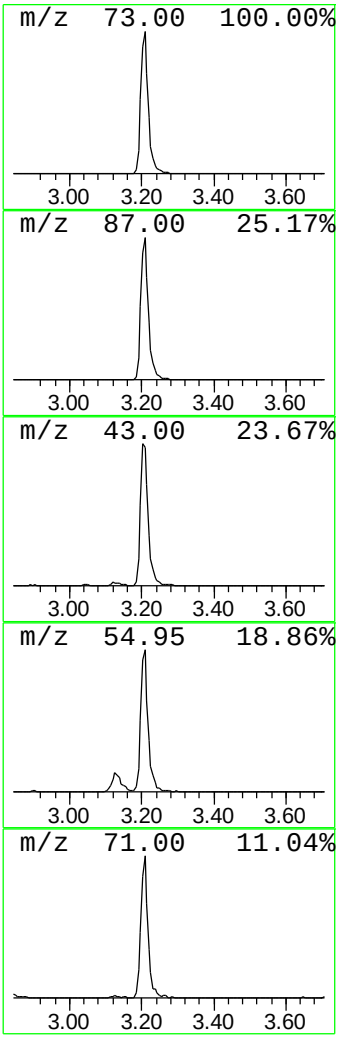
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	83.64 ng/ul	1021480	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
Data File : BG019525.D
Acq On : 6 Nov 2015 23:21
Operator : UM/NP
Sample : G4291-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY62

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

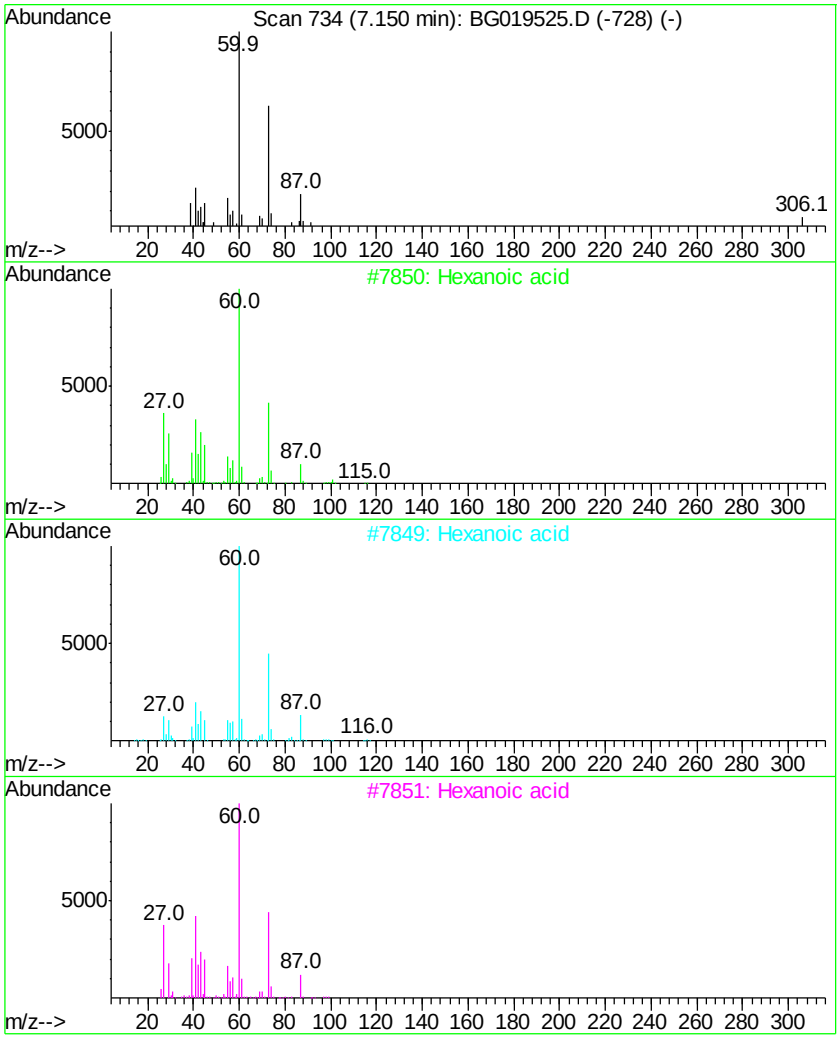
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

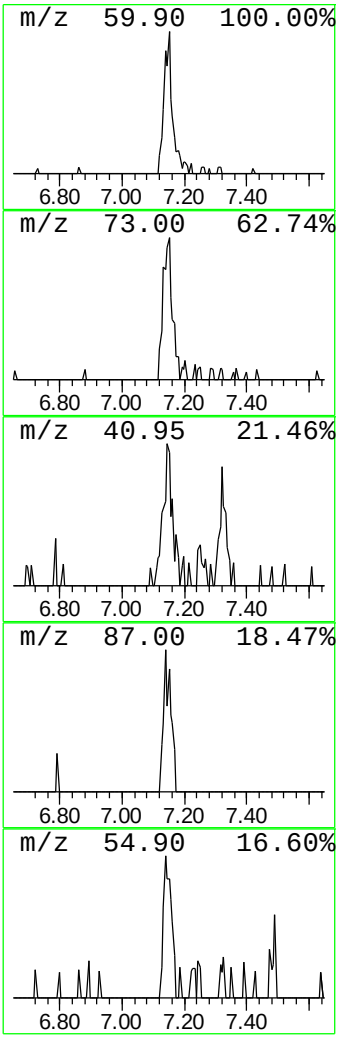
****

Peak Number 3 Hexanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	2.56 ng/ul	31205	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	78
2	Hexanoic acid	116	C6H12O2	000142-62-1	78
3	Hexanoic acid	116	C6H12O2	000142-62-1	64
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	53
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	53





Library Search Compound Report

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Acq On : 6 Nov 2015 23:21
Operator : UM/NP
Sample : G4291-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY62

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

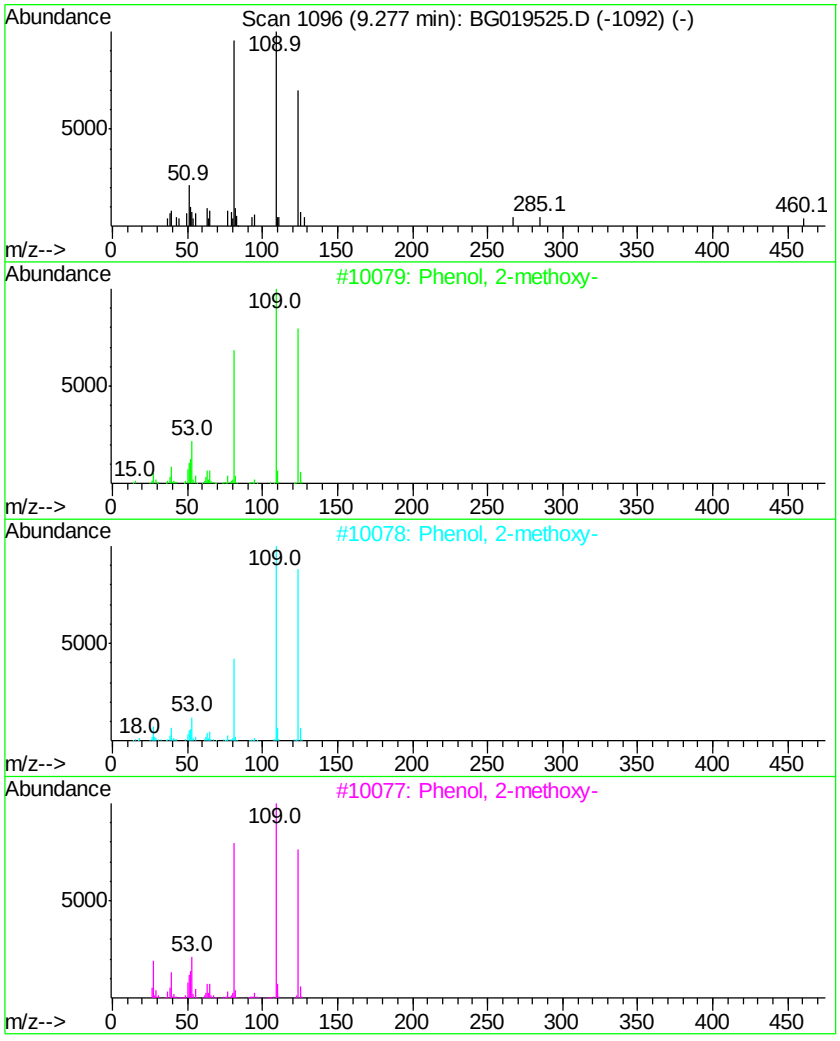
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

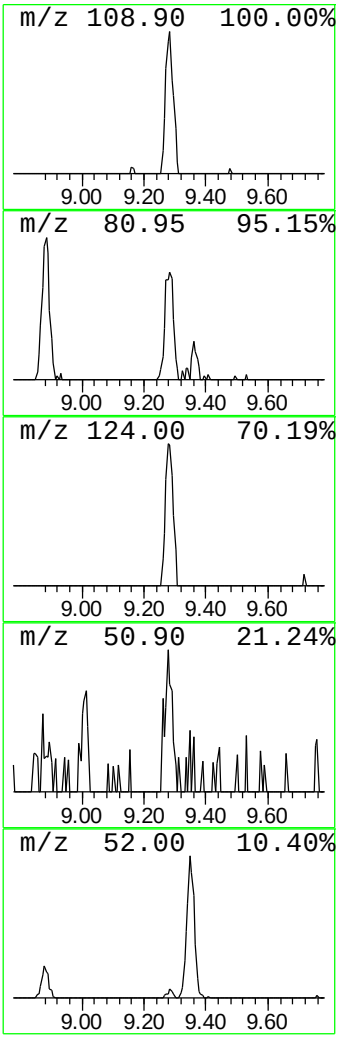
****

Peak Number 4 Phenol, 2-methoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	2.55 ng/ul	31097	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	78
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	70
4	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	52
5	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY62

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

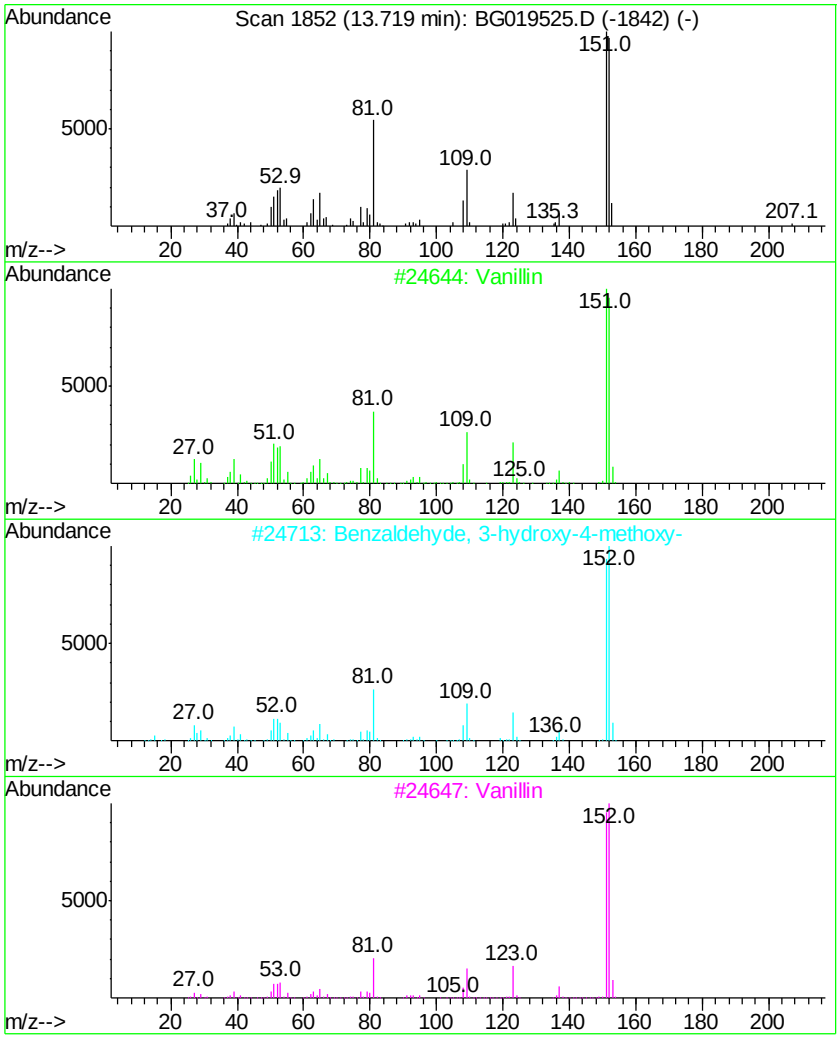
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

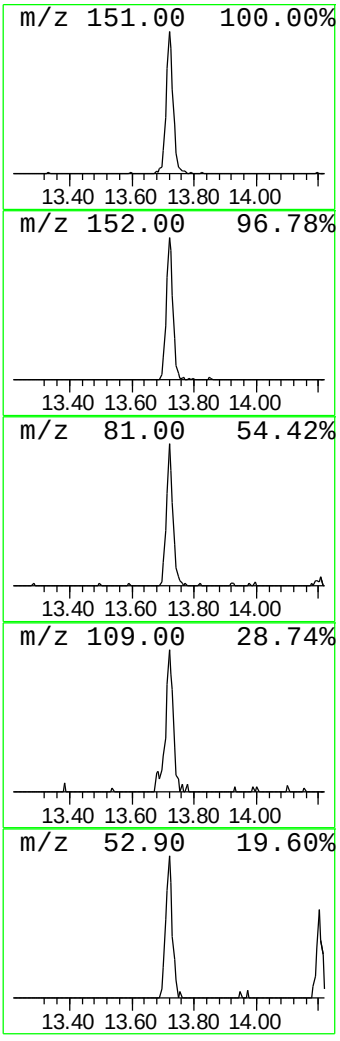
****

Peak Number 5 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.58 ng/ul	144139	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
3	Vanillin	152	C8H8O3	000121-33-5	93
4	Vanillin	152	C8H8O3	000121-33-5	93
5	Vanillin	152	C8H8O3	000121-33-5	93





Library Search Compound Report

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Data File : BG019525.D
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Operator : UM/NP
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY62

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

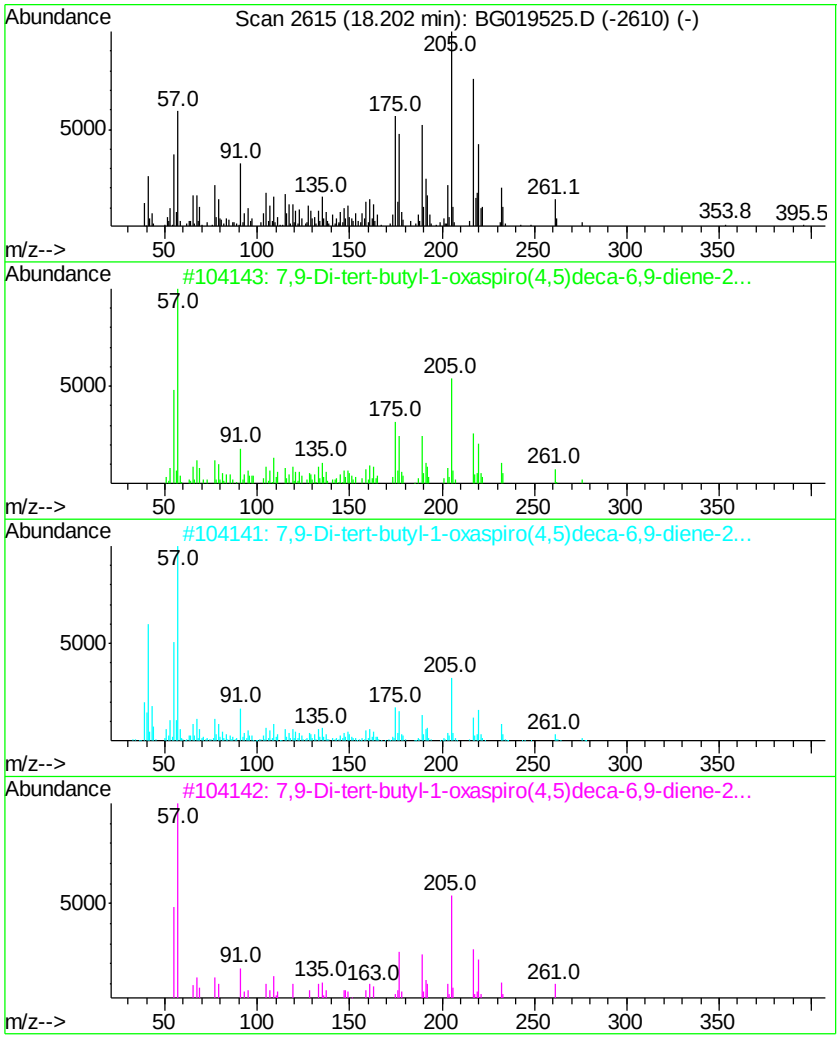
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

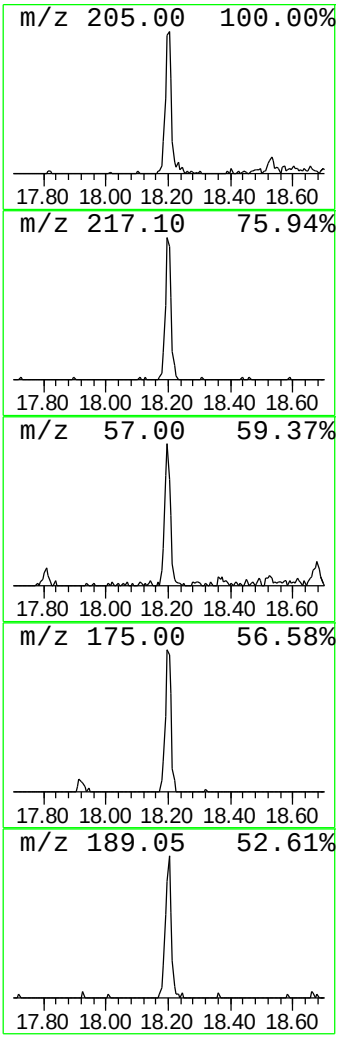
****

Peak Number 6 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	5.22 ng/ul	231841	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	87
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	42
5	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\
Data File : BG019525.D
Acq On : 6 Nov 2015 23:21
Operator : UM/NP
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Instrument : BNA_G
ClientSampleId : BCY62

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
Butane, 2-methoxy...	3.21	83.6	ng/ul	1021480	1	8.18	244248	20.0
Hexanoic acid	7.15	2.6	ng/ul	31205	1	8.18	244248	20.0
Phenol, 2-methoxy-	9.28	2.5	ng/ul	31097	1	8.18	244248	20.0
Vanillin	13.72	4.6	ng/ul	144139	3	14.81	629029	20.0
7,9-Di-tert-butyl...	18.20	5.2	ng/ul	231841	4	17.55	888712	20.0