LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018698.D
Acq On : 16 Sep 2015 00:45
Operator : UM/IZ
Sample : G3641-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN1

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-BG091015.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	2.888	4	8	15	rVB	42366	56403	2.89%	0.283%
2	3.105	40	45	53	rBV2	85716	145625	7.45%	0.731%
3	3.182	53	58	75	rVV	1235817	1737643	88.95%	8.724%
4	3.305	77	79	82	rVB3	3230	2726	0.14%	0.014%
5	4.093	210	213	215	rBV2	2984	3541	0.18%	0.018%
6	4.192	226	230	235	rBV4	3870	4271	0.22%	0.021%
7	4.275	243	244	248	rBV4	2939	3059	0.16%	0.015%
8	4.633	301	305	308	rBV4	2203	3695	0.19%	0.019%
9	5.109	382	386	391	rVB4	8404	12275	0.63%	0.062%
10	6.378	598	602	607	rBV4	3058	5102	0.26%	0.026%
11	6.431	607	611	614	rBV4	3012	3867	0.20%	0.019%
12	6.496	619	622	625	rVB4	2395	3060	0.16%	0.015%
13	6.736	660	663	666	rBV3	2712	3323	0.17%	0.017%
14	7.165	728	736	745	rBV	53810	95830	4.91%	0.481%
15	7.324	757	763	770	rBV	181285	294071	15.05%	1.476%
16	7.536	792	799	806	rBV	189390	312305	15.99%	1.568%
17	7.659	818	820	823	rBV2	2772	2953	0.15%	0.015%
18	7.806	840	845	847	rBV3	1844	2980	0.15%	0.015%
19	8.000	872	878	884	rBV	193425	325883	16.68%	1.636%
20	8.058	884	888	894	rVB	30197	47545	2.43%	0.239%
21	8.235	912	918	921	rBV4	3584	4535	0.23%	0.023%
22	8.705	991	998	1007	rVB	170721	280340	14.35%	1.407%
23	8.822	1014	1018	1022	rVB4	5009	7554	0.39%	0.038%
24	9.093	1057	1064	1069	rBV	64414	109852	5.62%	0.552%
25	9.157	1069	1075	1084	rVB	209068	363861	18.63%	1.827%
26	9.275	1090	1095	1098	rBV4	3482	5009	0.26%	0.025%
27	9.880	1192	1198	1210	rVB	169919	313912	16.07%	1.576%
28	10.426	1283	1291	1299	rBV	303324	541276	27.71%	2.718%
29	10.714	1334	1340	1346	rVB7	5633	14730	0.75%	0.074%
30	10.802	1346	1355	1368	rBV	282860	526429	26.95%	2.643%
31	11.178	1418	1419	1424	rVB5	2181	2850	0.15%	0.014%
32	11.966	1549	1553	1559	rVB5	5937	9795	0.50%	0.049%
33	12.113	1572	1578	1584	rBV5	5181	9901	0.51%	0.050%
34	12.600	1658	1661	1671	rVB4	5213	10713	0.55%	0.054%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018698.D
Acq On : 16 Sep 2015 00:45
Operator : UM/IZ
Sample : G3641-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN1

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-BG091015.M
Title : SVOA CALIBRATION

35	12.988	1723	1727	1735	rBV3	8975	15802	0.81%	0.079%
36	13.235	1762	1769	1774	rVB4	12670	21168	1.08%	0.106%
37	13.534	1816	1820	1825	rBV8	6499	13251	0.68%	0.067%
38	13.963	1890	1893	1897	rBV3	3414	3501	0.18%	0.018%
39	14.028	1897	1904	1911	rBV	607751	858350	43.94%	4.309%
40	14.263	1941	1944	1945	rBV	2704	2756	0.14%	0.014%
41	14.322	1945	1954	1961	rVV	718864	1117939	57.23%	5.613%
42	14.627	1998	2006	2015	rBV2	532039	840769	43.04%	4.221%
43	14.704	2015	2019	2025	rVB5	7250	10524	0.54%	0.053%
44	14.821	2034	2039	2047	rBV3	43576	82027	4.20%	0.412%
45	15.156	2093	2096	2098	rVB3	3008	3130	0.16%	0.016%
46	15.209	2100	2105	2112	rVB2	15947	22058	1.13%	0.111%
47	15.297	2116	2120	2122	rBV5	4278	5014	0.26%	0.025%
48	15.332	2124	2126	2129	rVB2	3956	4072	0.21%	0.020%
49	15.415	2138	2140	2142	rBV2	3156	3578	0.18%	0.018%
50	15.450	2144	2146	2151	rVB3	3244	4314	0.22%	0.022%
51	15.620	2168	2175	2183	rBV	982487	1511874	77.39%	7.590%
52	15.732	2188	2194	2201	rBV	175028	272971	13.97%	1.370%
53	15.855	2211	2215	2222	rBV4	11005	17306	0.89%	0.087%
54	15.979	2231	2236	2239	rBV3	8283	13413	0.69%	0.067%
55	16.102	2255	2257	2263	rVB3	3626	3425	0.18%	0.017%
56	16.407	2305	2309	2314	rVB5	2189	3715	0.19%	0.019%
57	16.619	2340	2345	2347	rBV3	3386	3609	0.18%	0.018%
58	16.848	2380	2384	2388	rVB3	3606	5211	0.27%	0.026%
59	16.919	2390	2396	2398	rBV4	2480	5136	0.26%	0.026%
60	16.954	2400	2402	2406	rVB5	4393	5026	0.26%	0.025%
61	17.271	2454	2456	2459	rVB2	2892	3202	0.16%	0.016%
62	17.324	2459	2465	2466	rBV4	4229	7856	0.40%	0.039%
63	17.371	2466	2473	2480	rVV2	752880	1121703	57.42%	5.632%
64	17.471	2483	2490	2498	rVV2	1107363	1703358	87.20%	8.552%
65	17.624	2513	2516	2517	rBV2	2359	2705	0.14%	0.014%
66	17.735	2532	2535	2536	rBV3	3741	3001	0.15%	0.015%
67	17.876	2555	2559	2561	rBV2	1865	2855	0.15%	0.014%
68	18.035	2576	2586	2591	rBV	205065	283288	14.50%	1.422%
69	18.070	2591	2592	2597	rVB4	2955	3100	0.16%	0.016%
70	18.200	2611	2614	2616	rBV4	2998	3182	0.16%	0.016%
71	18.252	2618	2623	2627	rBV3	23922	35630	1.82%	0.179%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018698.D
Acq On : 16 Sep 2015 00:45
Operator : UM/IZ
Sample : G3641-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN1

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-BG091015.M
Title : SVOA CALIBRATION

72	18.329	2632	2636	2639	rVB4	4556	7258	0.37%	0.036%
73	18.746	2706	2707	2710	rBV3	4090	3917	0.20%	0.020%
74	18.887	2729	2731	2734	rVB3	3687	3418	0.17%	0.017%
75	18.922	2734	2737	2739	rBV4	2681	3094	0.16%	0.016%
76	19.275	2795	2797	2799	rBV3	3722	3373	0.17%	0.017%
77	19.522	2836	2839	2843	rBV5	9697	14543	0.74%	0.073%
78	19.633	2856	2858	2864	rVB2	11721	16289	0.83%	0.082%
79	19.751	2872	2878	2885	rBV2	1404935	1944108	99.52%	9.761%
80	19.980	2913	2917	2919	rVB2	15631	19306	0.99%	0.097%
81	21.625	3191	3197	3207	rVB	819897	1343994	68.80%	6.748%
82	24.592	3693	3702	3716	rVB	723672	1953454	100.00%	9.807%
83	24.809	3731	3739	3753	rVB2	458543	1318565	67.50%	6.620%

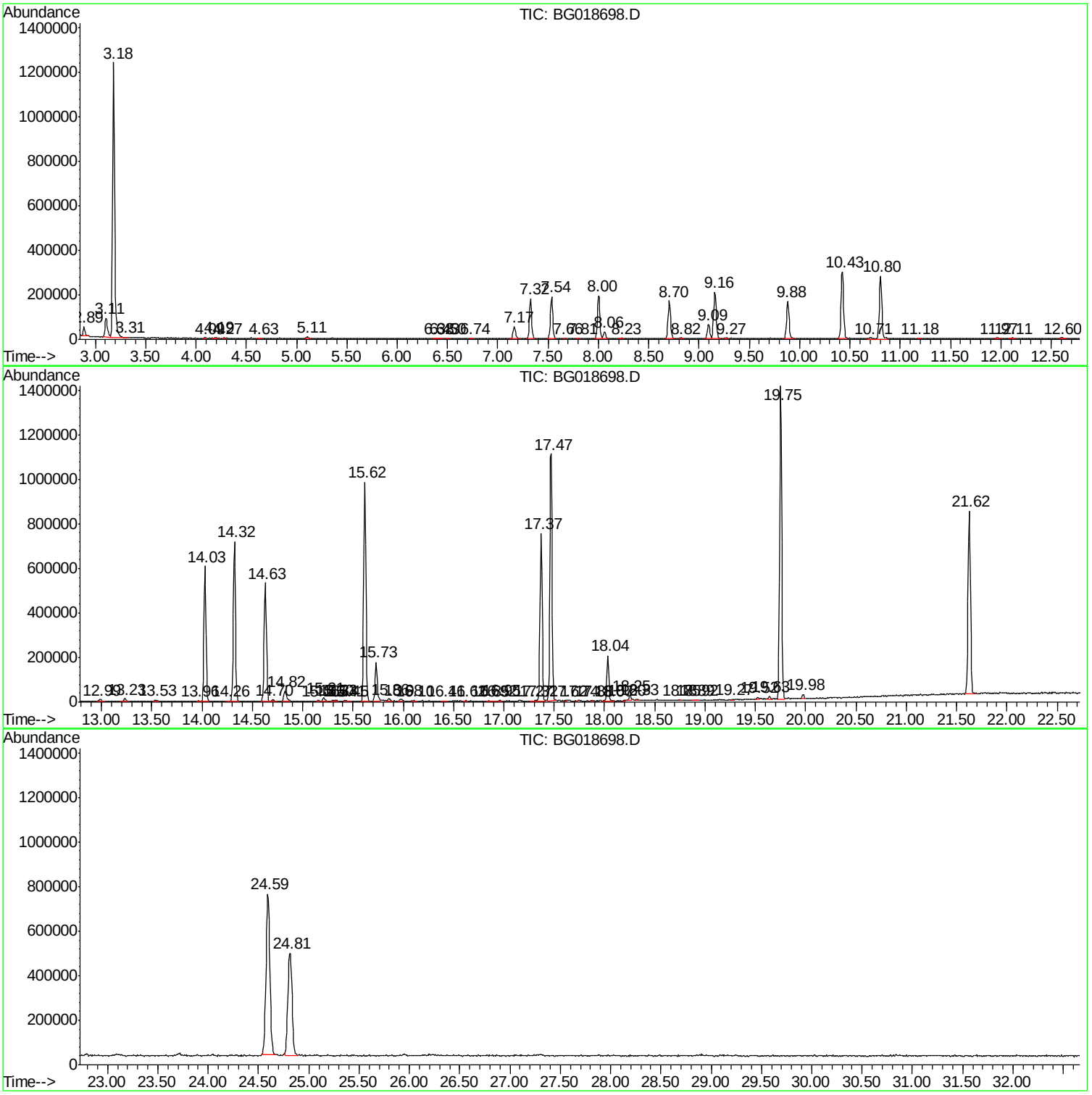
Sum of corrected areas: 19918052

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018698.D
Acq On : 16 Sep 2015 00:45
Operator : UM/IZ
Sample : G3641-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AN1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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\BG091515\
Data File : BG018698.D
Acq On : 16 Sep 2015 00:45
Operator : UM/IZ
Sample : G3641-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

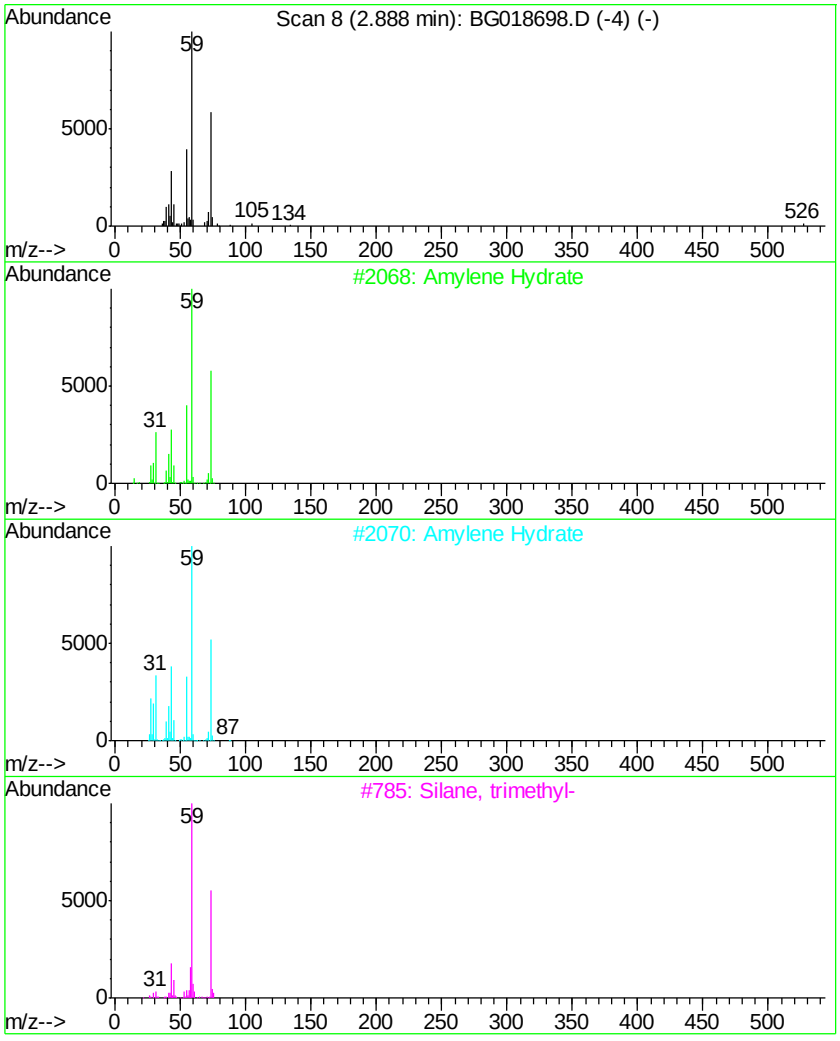
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

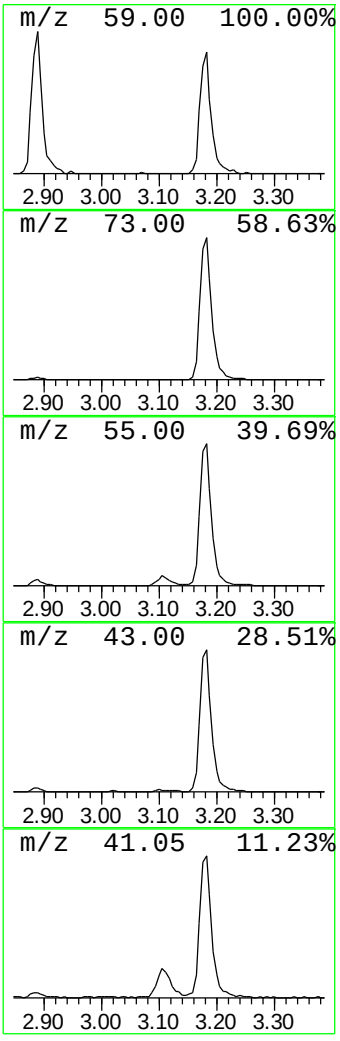
****

Peak Number 1 Amylene Hydrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	3.46 ng/ul	56403	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	78
2	Amylene Hydrate	88	C5H12O	000075-85-4	78
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	72
4	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	50
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018698.D
Acq On : 16 Sep 2015 00:45
Operator : UM/IZ
Sample : G3641-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

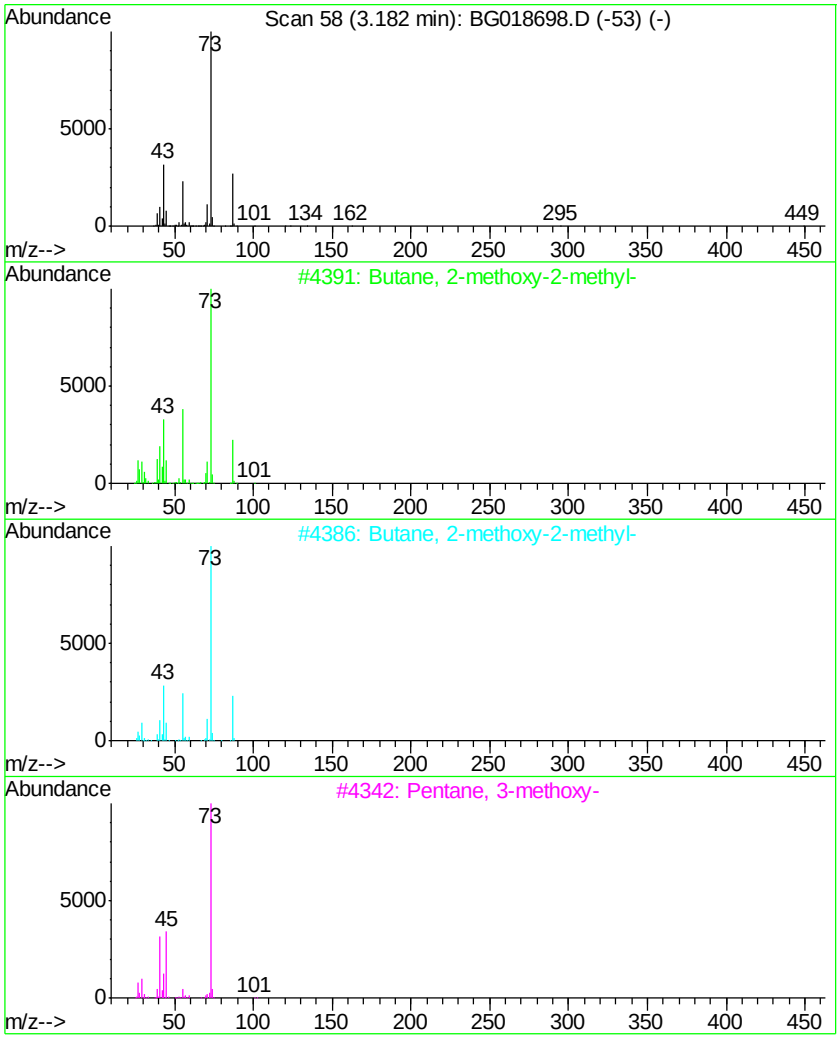
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

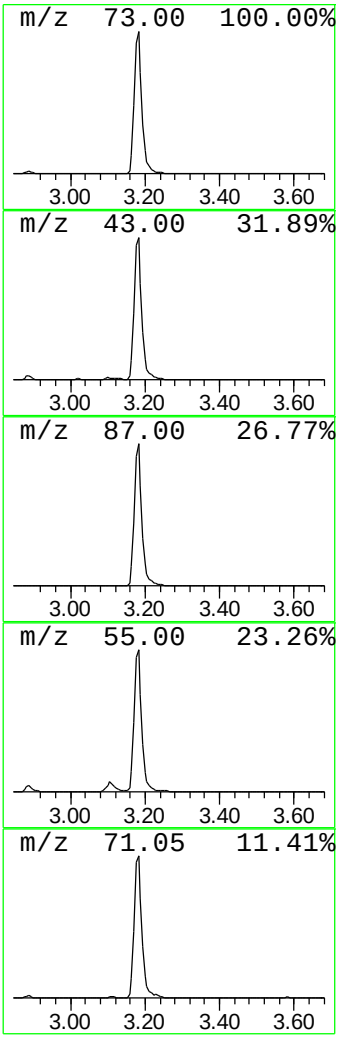
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	106.64 ng/ul	1737640	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018698.D
Acq On : 16 Sep 2015 00:45
Operator : UM/IZ
Sample : G3641-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

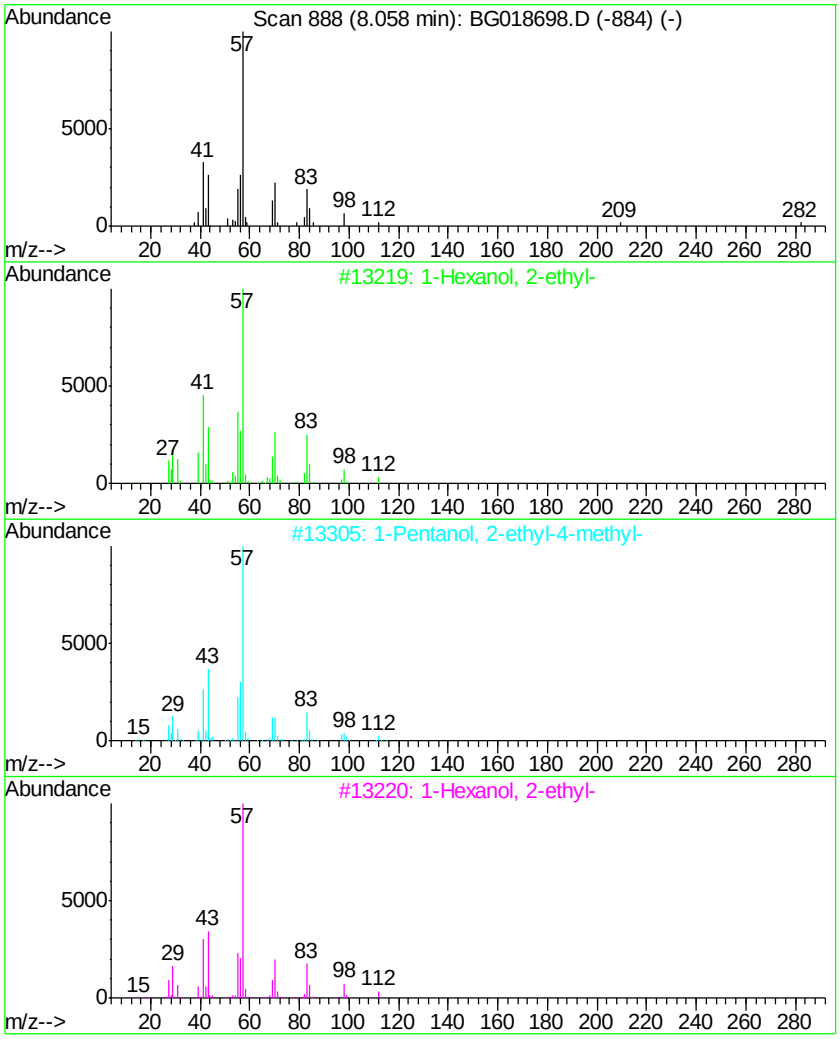
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

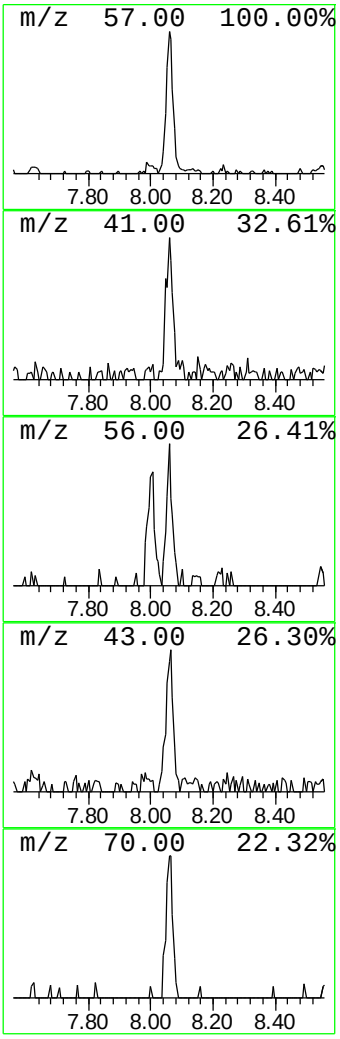
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	2.92 ng/ul	47545	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018698.D
Acq On : 16 Sep 2015 00:45
Operator : UM/IZ
Sample : G3641-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

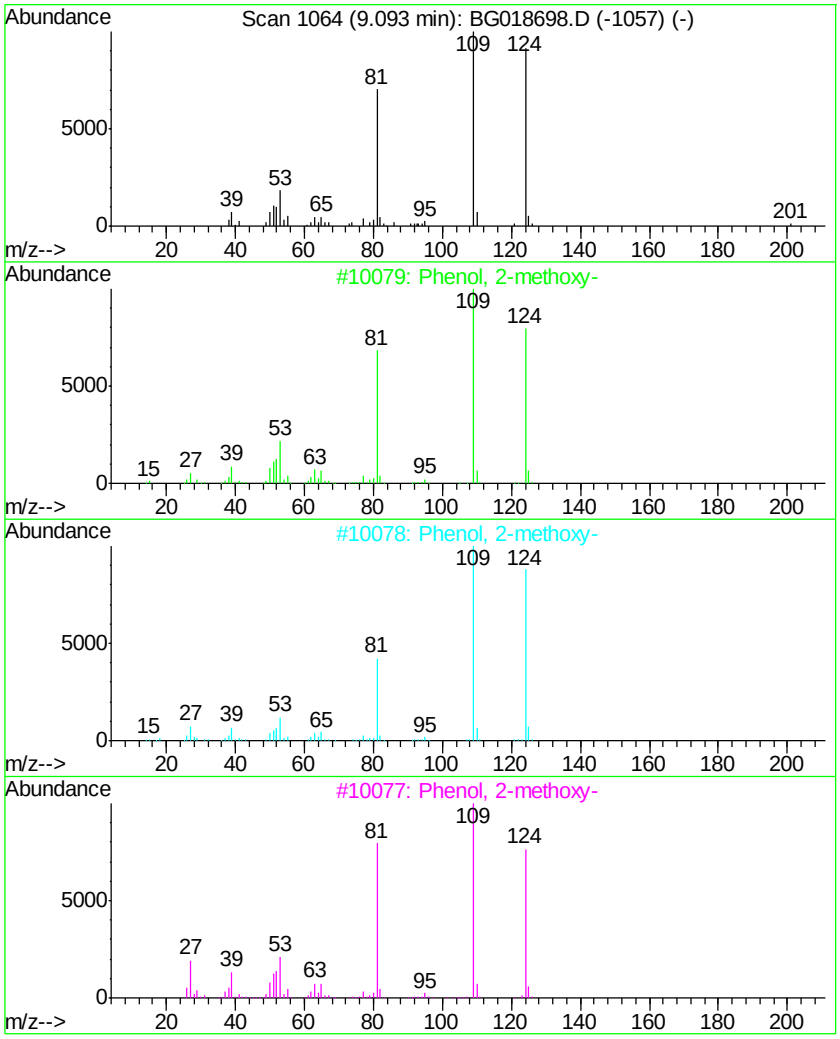
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

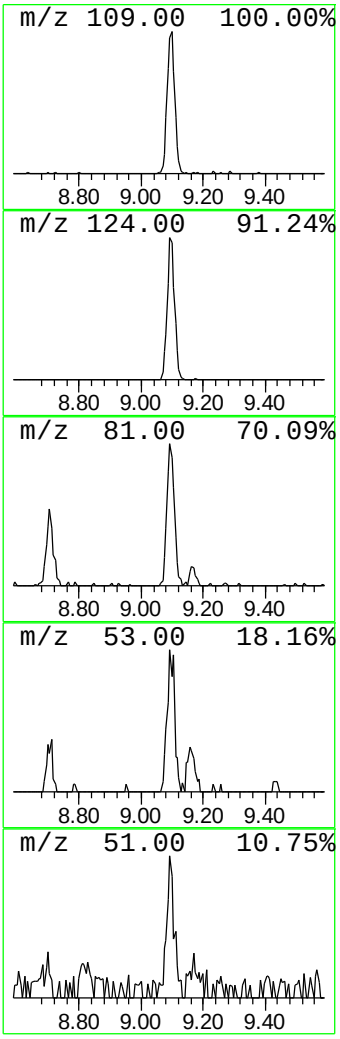
****

Peak Number 5 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	6.74 ng/ul	109852	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
5	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018698.D
Acq On : 16 Sep 2015 00:45
Operator : UM/IZ
Sample : G3641-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

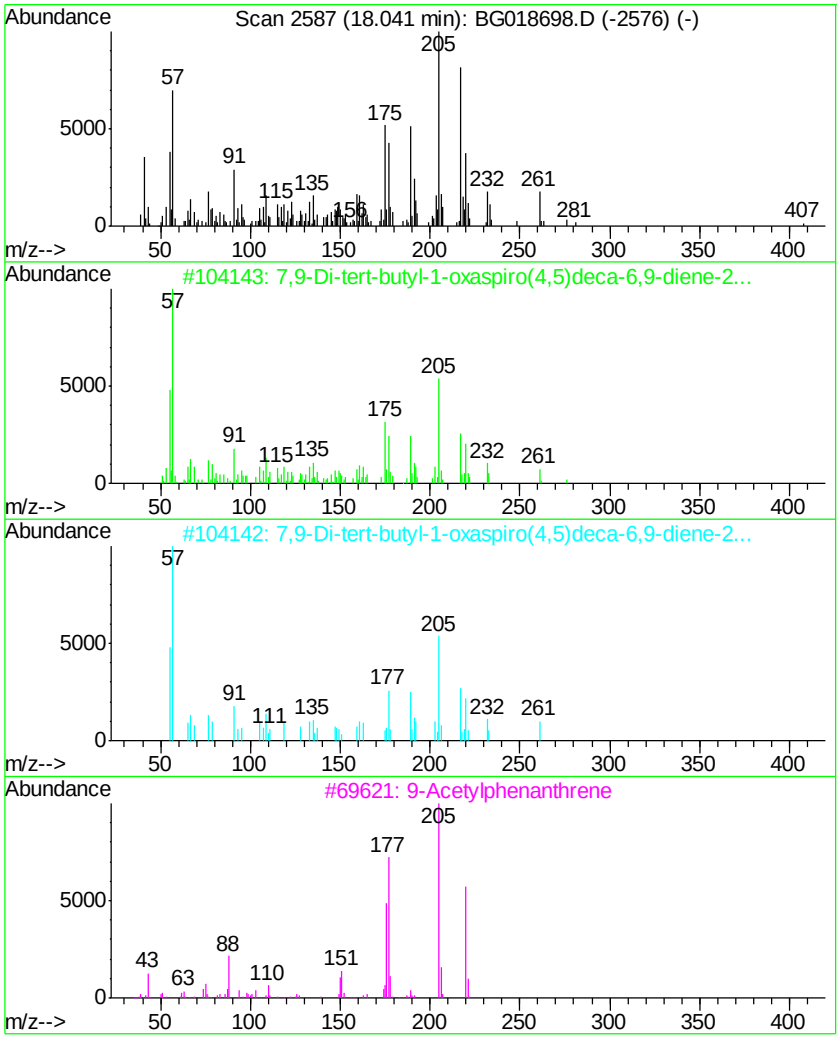
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

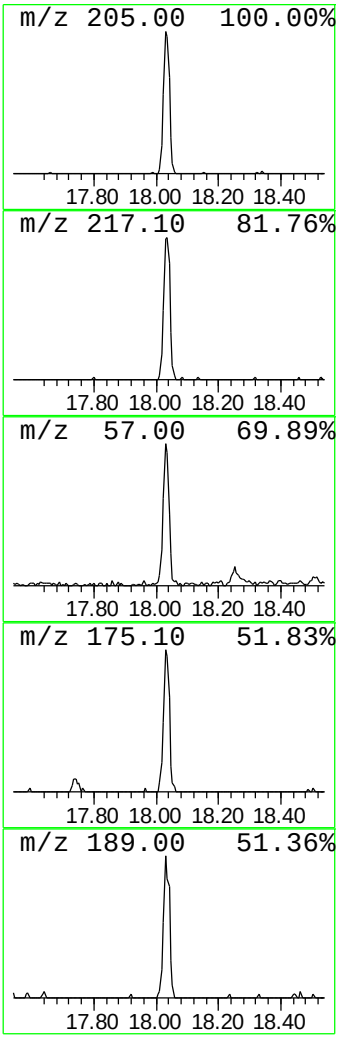
****

Peak Number 6 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	5.05 ng/ul	283288	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	96
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	81
3	9-Acetylphenanthrene	220	C16H12O	002039-77-2	64
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
5	3-Acetylphenanthrene	220	C16H12O	002039-76-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018698.D
Acq On : 16 Sep 2015 00:45
Operator : UM/IZ
Sample : G3641-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AN1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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
Amylene Hydrate	2.89	3.5	ng/ul	56403	1	8.01	325883	20.0
Butane, 2-methoxy...	3.18	106.6	ng/ul	1737640	1	8.01	325883	20.0
1-Hexanol, 2-ethyl-	8.06	2.9	ng/ul	47545	1	8.01	325883	20.0
Phenol, 2-methoxy-	9.09	6.7	ng/ul	109852	1	8.01	325883	20.0
7,9-Di-tert-butyl...	18.04	5.0	ng/ul	283288	4	17.37	1121700	20.0