LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025331.D
Acq On : 19 Dec 2016 23:42
Operator : UM/SJ
Sample : H6106-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7J4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	2.878	3	7	25	rVB4	58360	150311	5.65%	0.654%
2	3.025	30	32	37	rVB3	8487	12295	0.46%	0.053%
3	3.201	58	62	65	rBV4	21226	33206	1.25%	0.144%
4	4.335	249	255	263	rVB5	15610	28259	1.06%	0.123%
5	4.723	316	321	329	rVV7	6788	13163	0.49%	0.057%
6	4.817	334	337	340	rVB3	7705	9241	0.35%	0.040%
7	5.322	413	423	426	rBV6	6376	17679	0.66%	0.077%
8	5.681	480	484	496	rVB5	19442	39030	1.47%	0.170%
9	5.816	500	507	516	rVB3	22135	50791	1.91%	0.221%
10	6.204	564	573	580	rVB5	25446	50608	1.90%	0.220%
11	6.421	602	610	611	rBV6	5080	11327	0.43%	0.049%
12	6.826	668	679	691	rBV3	46251	87376	3.28%	0.380%
13	7.285	752	757	762	rBV5	7908	15726	0.59%	0.068%
14	7.379	769	773	784	rVV3	54611	120269	4.52%	0.523%
15	7.537	791	800	807	rBV	181611	306722	11.53%	1.335%
16	7.749	827	836	848	rBV4	204753	485759	18.26%	2.113%
17	7.849	848	853	860	rVB7	11803	23537	0.88%	0.102%
18	7.978	868	875	884	rBV	36971	67126	2.52%	0.292%
19	8.107	891	897	902	rVB4	8980	17219	0.65%	0.075%
20	8.219	910	916	931	rBV3	217535	522778	19.65%	2.275%
21	8.313	931	932	943	rVB6	9658	20630	0.78%	0.090%
22	8.748	1004	1006	1012	rBV5	7057	10227	0.38%	0.044%
23	8.859	1016	1025	1029	rBV5	11813	27412	1.03%	0.119%
24	8.936	1029	1038	1046	rBV2	160583	312582	11.75%	1.360%
25	9.018	1050	1052	1056	rVB4	10072	10221	0.38%	0.044%
26	9.206	1081	1084	1090	rBV5	6178	9457	0.36%	0.041%
27	9.312	1095	1102	1103	rBV2	10078	10916	0.41%	0.047%
28	9.406	1109	1118	1128	rBV	267082	489935	18.42%	2.132%
29	9.658	1153	1161	1167	rVB6	8703	20356	0.77%	0.089%
30	9.905	1200	1203	1208	rVB6	5875	10169	0.38%	0.044%
31	10.128	1233	1241	1252	rBV2	229182	463297	17.42%	2.016%
32	10.369	1276	1282	1286	rVV8	5655	14512	0.55%	0.063%
33	10.428	1288	1292	1298	rBV6	6897	13173	0.50%	0.057%
34	10.528	1304	1309	1315	rVB8	5472	10356	0.39%	0.045%

LSC Area Percent Report

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Acq On : 19 Dec 2016 23:42
Operator : UM/SJ
Sample : H6106-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7J4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	10.675	1324	1334	1349	rBV2	276327	603516	22.69%	2.626%
36	11.051	1386	1398	1405	rBV	284188	550197	20.68%	2.394%
37	11.597	1483	1491	1492	rBV6	7597	12378	0.47%	0.054%
38	11.650	1497	1500	1506	rVB6	6985	11320	0.43%	0.049%
39	11.721	1506	1512	1514	rBV4	6926	10316	0.39%	0.045%
40	11.826	1525	1530	1536	rBV5	8687	15929	0.60%	0.069%
41	12.138	1578	1583	1585	rVB3	5524	9654	0.36%	0.042%
42	12.214	1594	1596	1602	rVB5	6904	10491	0.39%	0.046%
43	12.355	1612	1620	1624	rVB6	5972	12055	0.45%	0.052%
44	12.573	1650	1657	1661	rBV5	8746	17086	0.64%	0.074%
45	12.690	1672	1677	1684	rBV4	16697	31885	1.20%	0.139%
46	12.913	1708	1715	1720	rBV5	10377	21201	0.80%	0.092%
47	12.972	1720	1725	1734	rVB5	17857	38373	1.44%	0.167%
48	13.107	1745	1748	1754	rBV6	7313	12943	0.49%	0.056%
49	13.178	1757	1760	1767	rBV7	7106	10698	0.40%	0.047%
50	13.595	1826	1831	1834	rBV2	5205	9335	0.35%	0.041%
51	13.689	1838	1847	1851	rBV4	15216	35286	1.33%	0.154%
52	13.742	1851	1856	1859	rVV6	7368	14102	0.53%	0.061%
53	13.895	1876	1882	1887	rVB8	6007	15835	0.60%	0.069%
54	13.947	1887	1891	1896	rBV4	5311	10674	0.40%	0.046%
55	14.100	1912	1917	1922	rBV6	5761	11546	0.43%	0.050%
56	14.177	1924	1930	1932	rVB7	7105	10489	0.39%	0.046%
57	14.241	1932	1941	1952	rBV	734323	1133028	42.59%	4.930%
58	14.488	1976	1983	1987	rVV	194191	302611	11.38%	1.317%
59	14.547	1987	1993	2003	rVB	684102	1136959	42.74%	4.947%
60	14.682	2013	2016	2018	rBV3	8008	9175	0.34%	0.040%
61	14.846	2032	2044	2053	rBV	502927	845726	31.79%	3.680%
62	14.917	2053	2056	2062	rVB5	9049	14187	0.53%	0.062%
63	15.040	2074	2077	2081	rBV4	15215	19940	0.75%	0.087%
64	15.093	2081	2086	2096	rVV3	46840	123940	4.66%	0.539%
65	15.181	2096	2101	2104	rVV5	15967	25560	0.96%	0.111%
66	15.240	2104	2111	2119	rVB9	19236	51858	1.95%	0.226%
67	15.499	2150	2155	2160	rBV7	4851	11192	0.42%	0.049%
68	15.563	2160	2166	2174	rVV4	26841	49349	1.86%	0.215%
69	15.640	2174	2179	2185	rVB7	10712	21005	0.79%	0.091%
70	15.833	2199	2212	2224	rBV	1001039	1565030	58.83%	6.809%
71	15.969	2229	2235	2247	rBV2	337558	564863	21.23%	2.458%

LSC Area Percent Report

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Acq On : 19 Dec 2016 23:42
Operator : UM/SJ
Sample : H6106-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7J4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	16.080	2249	2254	2259	rVB8	13650	21554	0.81%	0.094%
73	16.121	2259	2261	2267	rVB5	13354	18512	0.70%	0.081%
74	16.198	2267	2274	2285	rBV	138885	239848	9.02%	1.044%
75	16.368	2301	2303	2308	rVB6	7919	11924	0.45%	0.052%
76	16.762	2365	2370	2376	rBV8	12490	20340	0.76%	0.088%
77	16.879	2388	2390	2397	rVB7	7819	13676	0.51%	0.060%
78	16.944	2397	2401	2408	rVB6	5442	11776	0.44%	0.051%
79	17.020	2411	2414	2419	rVB4	8273	10754	0.40%	0.047%
80	17.338	2463	2468	2472	rVB7	5952	11027	0.41%	0.048%
81	17.408	2476	2480	2485	rVB6	12694	17926	0.67%	0.078%
82	17.590	2503	2511	2521	rBV2	738784	1147212	43.13%	4.991%
83	17.690	2522	2528	2542	rVV2	1238157	1986970	74.70%	8.645%
84	17.790	2542	2545	2550	rVV7	6083	11055	0.42%	0.048%
85	17.831	2550	2552	2560	rVV7	8824	15735	0.59%	0.068%
86	18.013	2576	2583	2588	rVV8	7204	16452	0.62%	0.072%
87	18.383	2640	2646	2649	rBV7	4683	10055	0.38%	0.044%
88	18.524	2664	2670	2674	rVB4	8949	17659	0.66%	0.077%
89	18.971	2742	2746	2751	rBV6	4525	10593	0.40%	0.046%
90	19.077	2762	2764	2767	rBV3	7041	9150	0.34%	0.040%
91	19.229	2786	2790	2793	rBV6	6571	11355	0.43%	0.049%
92	19.517	2837	2839	2847	rVB9	6830	12513	0.47%	0.054%
93	19.641	2857	2860	2863	rVB4	10034	11229	0.42%	0.049%
94	19.858	2893	2897	2902	rVB6	16418	25020	0.94%	0.109%
95	19.964	2907	2915	2928	rBV	1694607	2560294	96.25%	11.140%
96	20.651	3028	3032	3035	rBV6	12952	22343	0.84%	0.097%
97	21.703	3208	3211	3217	rVB8	18593	26302	0.99%	0.114%
98	21.885	3234	3242	3258	rVB	874987	1622930	61.01%	7.061%
99	25.064	3772	3783	3796	rBV2	878574	2660065	100.00%	11.574%
100	25.299	3812	3823	3842	rVB2	490171	1594080	59.93%	6.936%

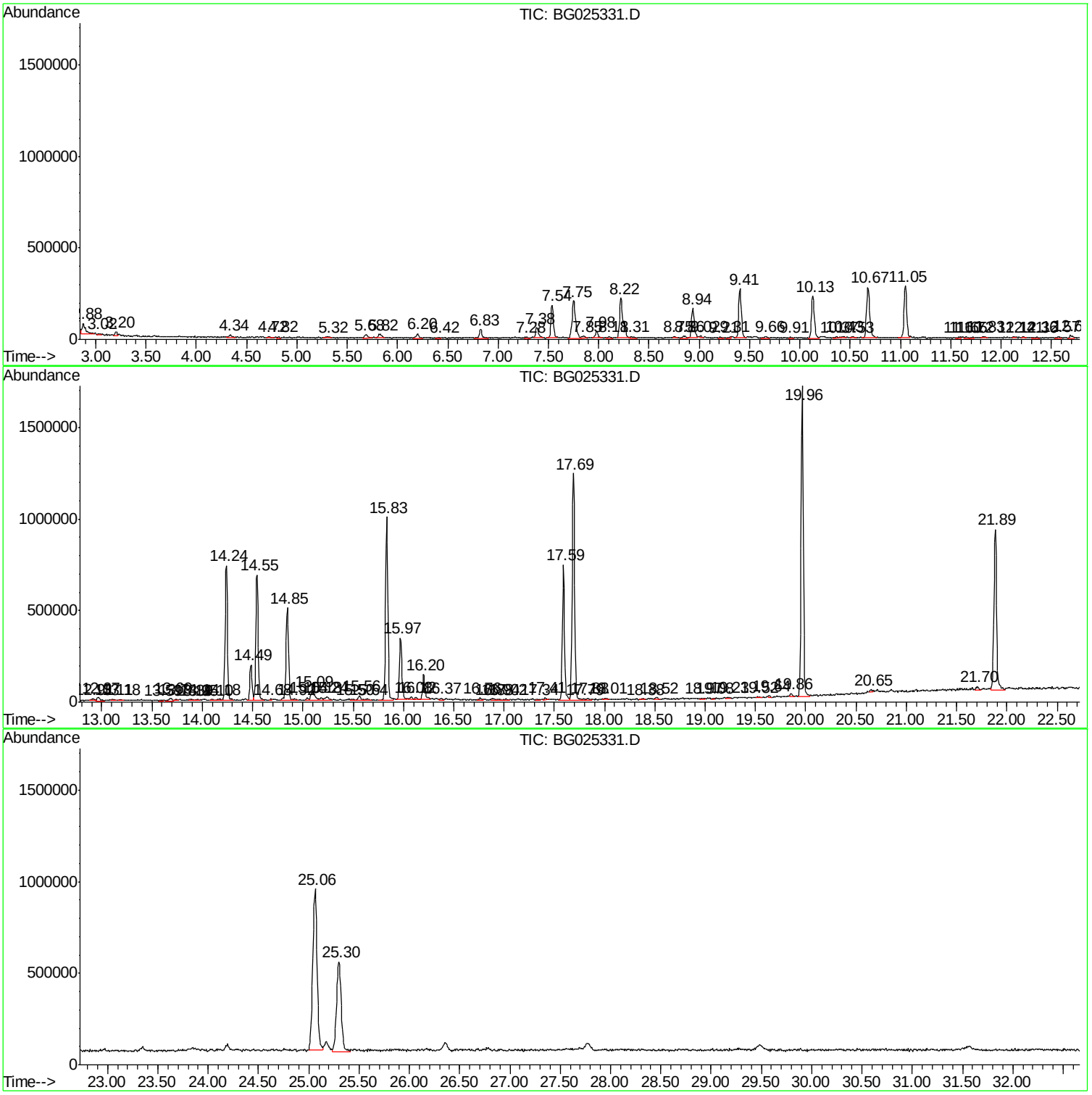
Sum of corrected areas: 22983746

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025331.D
Acq On : 19 Dec 2016 23:42
Operator : UM/SJ
Sample : H6106-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025331.D
Acq On : 19 Dec 2016 23:42
Operator : UM/SJ
Sample : H6106-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7J4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

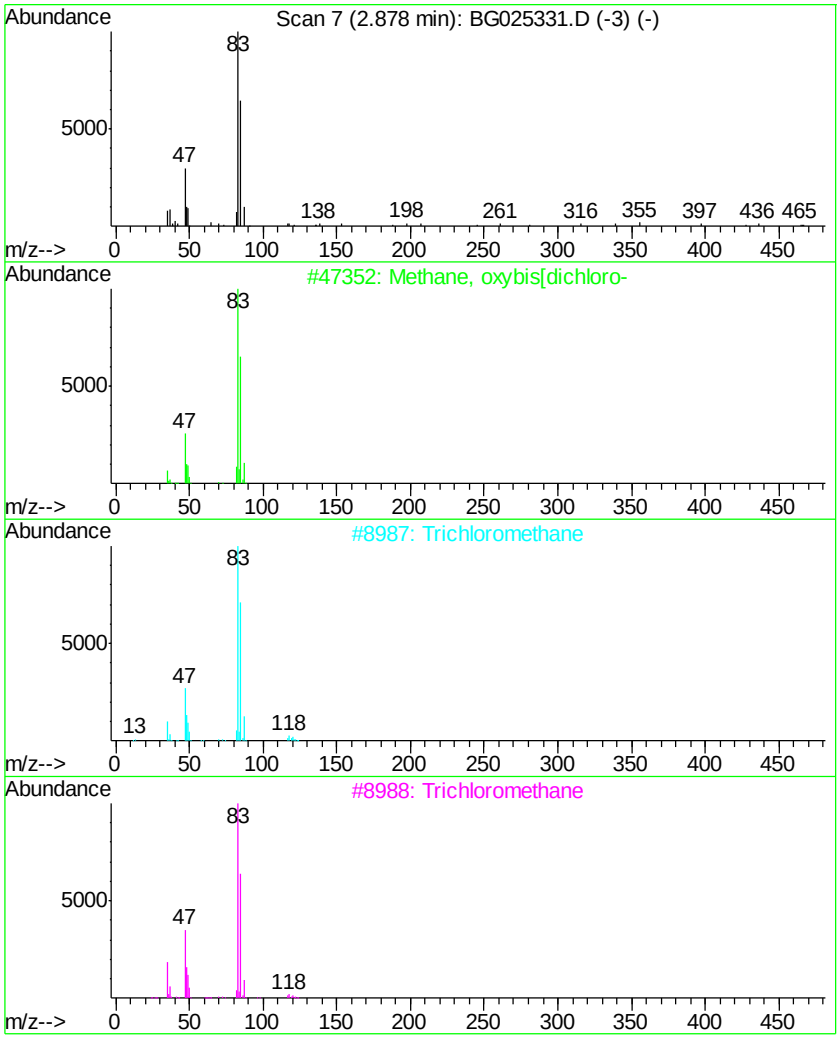
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

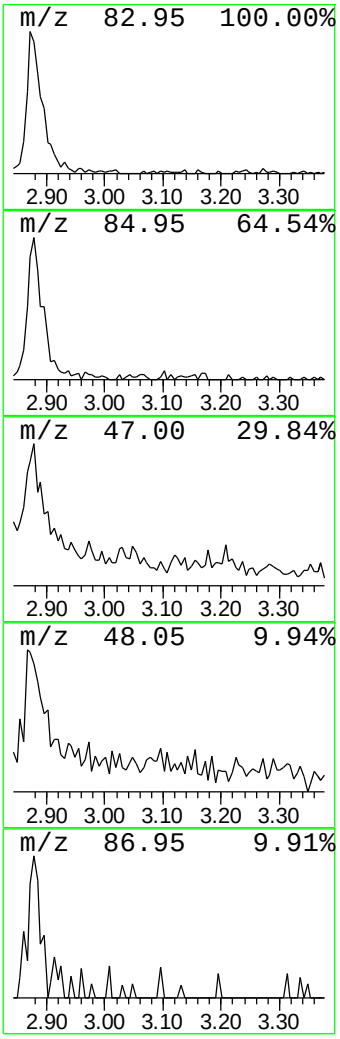
****

Peak Number 1 Methane, oxybis[dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	5.75 ng/ul	150311	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, oxybis[dichloro-	182	C2H2Cl4O	020524-86-1	83
2	Trichloromethane	118	CHCl3	000067-66-3	74
3	Trichloromethane	118	CHCl3	000067-66-3	74
4	Trichloromethane	118	CHCl3	000067-66-3	72
5	Ethane, 1,2,2-trichloro-1,1-difl...	168	C2HCl3F2	000354-21-2	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025331.D
Acq On : 19 Dec 2016 23:42
Operator : UM/SJ
Sample : H6106-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7J4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

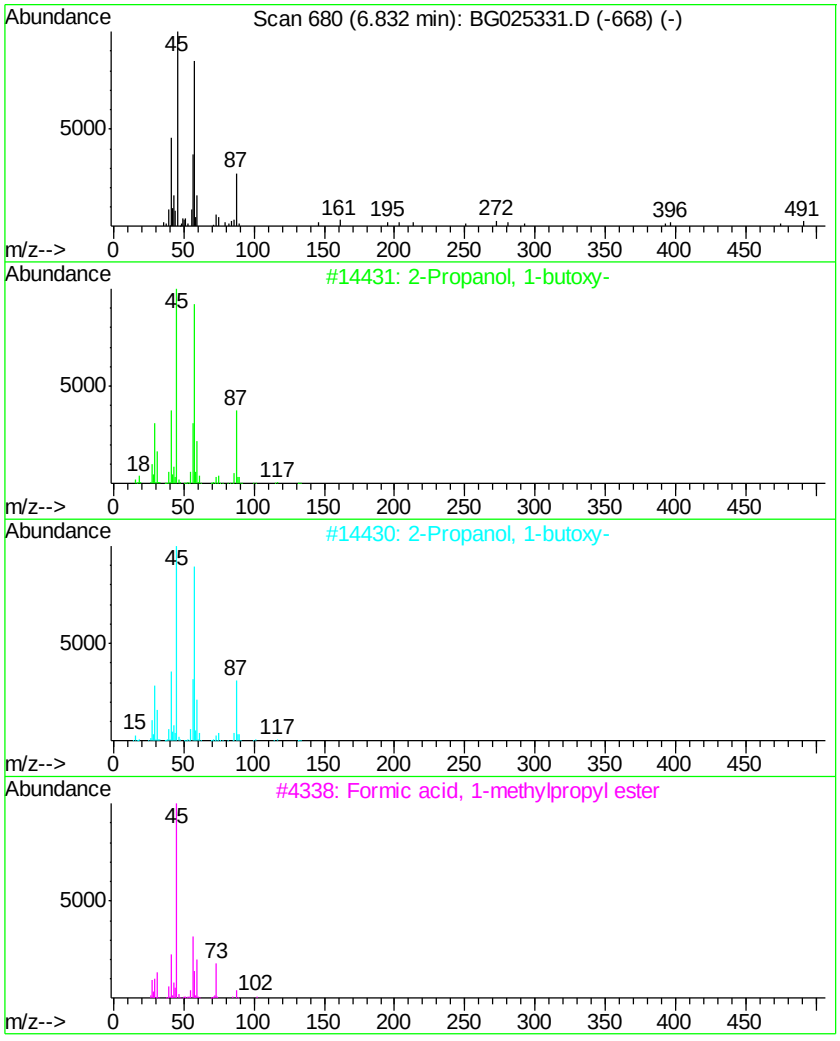
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

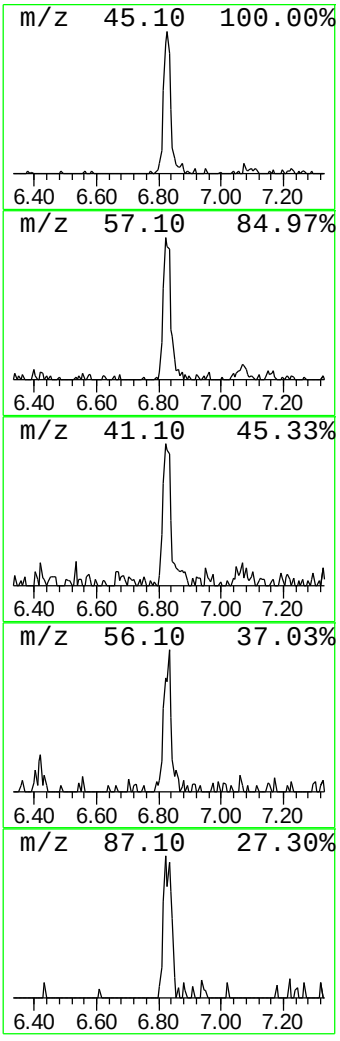
****

Peak Number 2 2-Propanol, 1-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	3.34 ng/ul	87376	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	78
2	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	72
3	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	53
4	Butane, 1-methoxy-	88	C5H12O	000628-28-4	50
5	2-Ethyl-2-hydroxybutyric acid	132	C6H12O3	003639-21-2	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
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Operator : UM/SJ
Sample : H6106-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7J4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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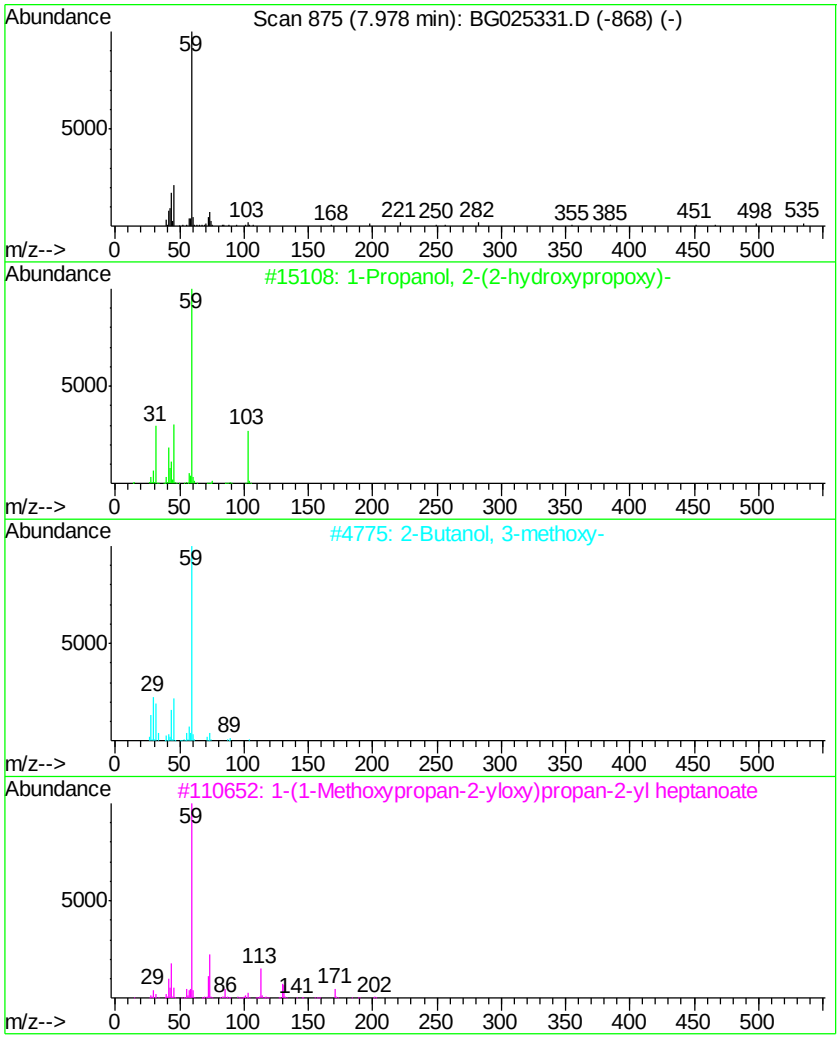
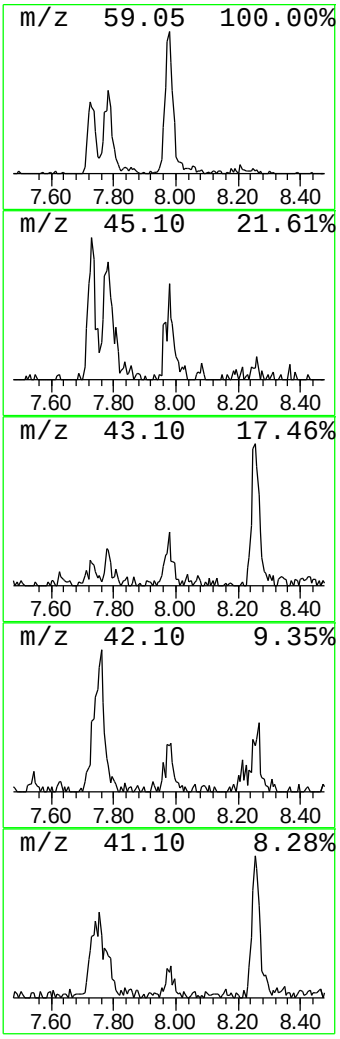
Peak Number 3 1-Propanol, 2-(2-hydroxypro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	2.57 ng/ul	67126	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
2	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	64
3	1-(1-Methoxypropan-2-yloxy)propa...	260	C14H28O4	1000367-13-1	59
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	56
5	Butanal, 3-methyl-, oxime	101	C5H11NO	000626-90-4	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
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Acq On : 19 Dec 2016 23:42
Operator : UM/SJ
Sample : H6106-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7J4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

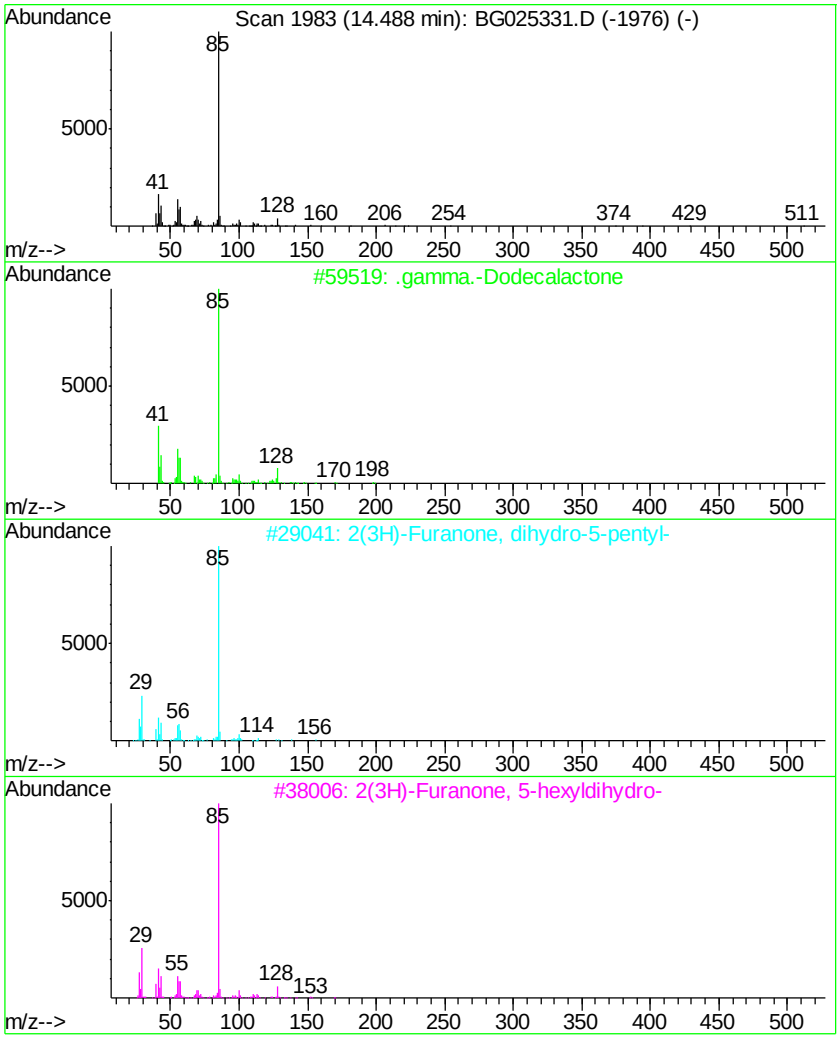
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

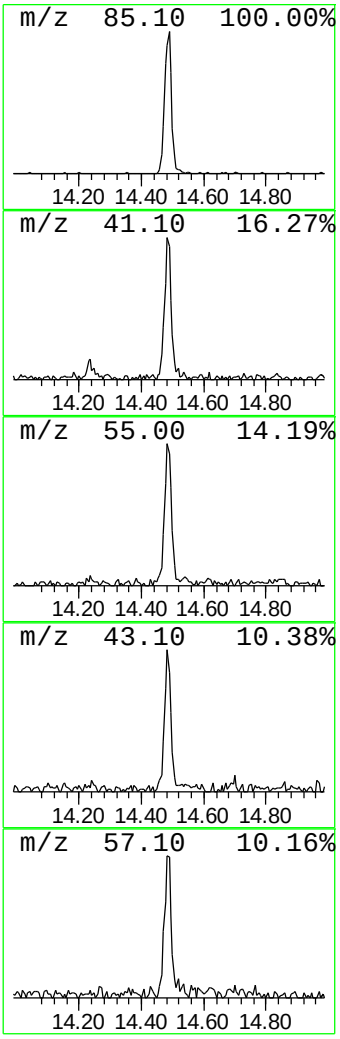
****

Peak Number 4 .gamma.-Dodecalactone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	7.16 ng/ul	302611	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Dodecalactone	198	C12H22O2	002305-05-7	78
2	2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	64
3	2(3H)-Furanone, 5-hexyldihydro-	170	C10H18O2	000706-14-9	64
4	2-Propyltetrahydropyran	128	C8H16O	003857-17-8	59
5	1,3-Butadiene, 1-(ethylthio)-	114	C6H10S	010574-85-3	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025331.D
Acq On : 19 Dec 2016 23:42
Operator : UM/SJ
Sample : H6106-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7J4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

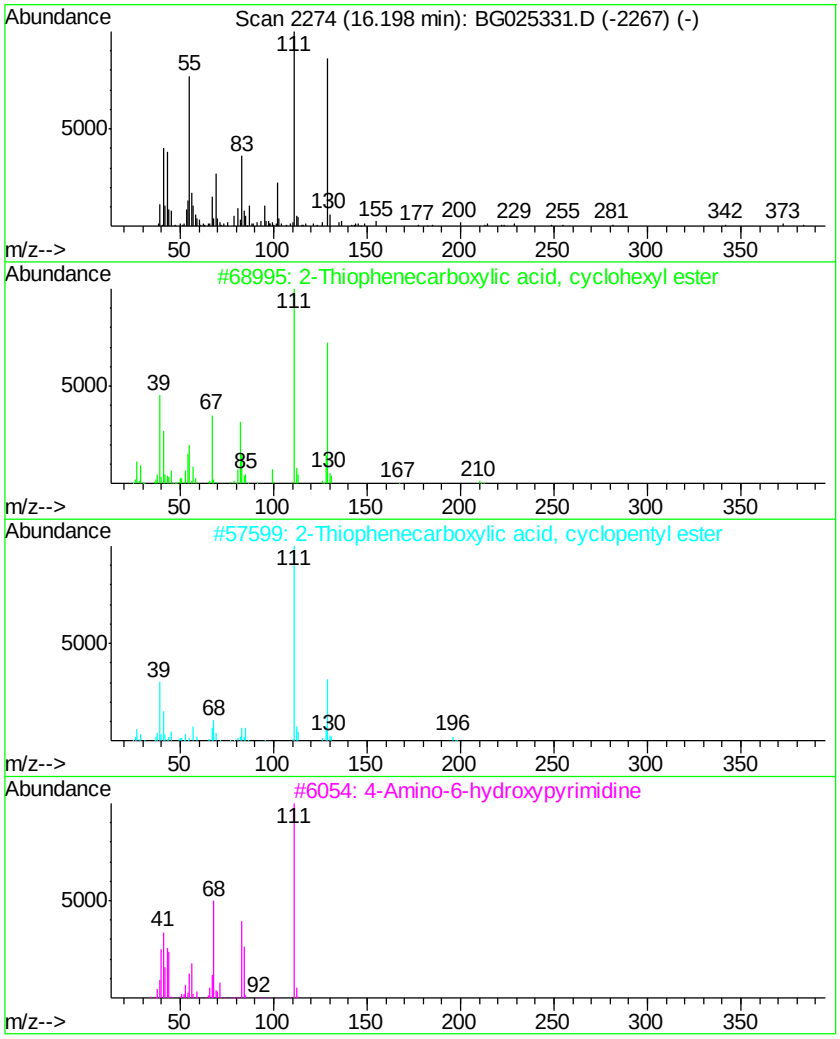
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

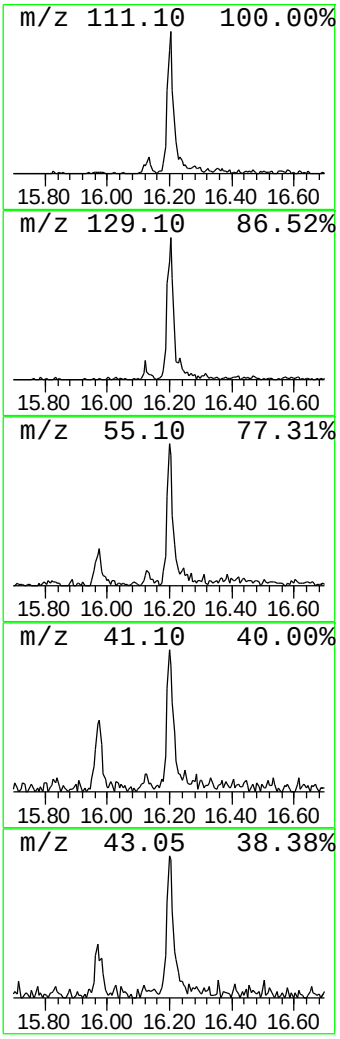
****

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	5.67 ng/ul	239848	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiophenecarboxylic acid, cycl...	210	C11H14O2S	1000278-88-3	32
2	2-Thiophenecarboxylic acid, cycl...	196	C10H12O2S	1000278-88-2	32
3	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	27
4	Cyclohexanecarboxylic acid, hept...	366	C24H46O2	1000282-80-3	25
5	2-Thiophenecarboxylic acid, 2-tr...	310	C18H30O2S	1000280-65-9	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025331.D
Acq On : 19 Dec 2016 23:42
Operator : UM/SJ
Sample : H6106-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7J4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
Methane, oxybis[d...	2.88	5.8	ng/ul	150311	1	8.22	522778	20.0
2-Propanol, 1-but...	6.83	3.3	ng/ul	87376	1	8.22	522778	20.0
1-Propanol, 2-(2-...	7.98	2.6	ng/ul	67126	1	8.22	522778	20.0
.gamma.-Dodecalac...	14.49	7.2	ng/ul	302611	3	14.85	845726	20.0
unknown-01	16.20	5.7	ng/ul	239848	3	14.85	845726	20.0