LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021315\
Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

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-BG021015.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	2.737	6	8	13	rVB	24324	28625	0.70%	0.039%
2	2.813	18	21	26	rVB	15012	19239	0.47%	0.026%
3	2.954	40	45	53	rBV	387906	603016	14.81%	0.814%
4	3.025	53	57	74	rVB	621409	777290	19.08%	1.049%
5	3.283	97	101	106	rVB	25425	31709	0.78%	0.043%
6	3.424	121	125	128	rVV5	2621	4589	0.11%	0.006%
7	3.841	191	196	203	rVB	35415	46438	1.14%	0.063%
8	4.023	223	227	232	rBV2	9342	12556	0.31%	0.017%
9	4.728	343	347	355	rVB4	6827	10617	0.26%	0.014%
10	4.922	375	380	388	rVB4	6843	11936	0.29%	0.016%
11	4.998	389	393	397	rVB3	5386	7193	0.18%	0.010%
12	5.116	409	413	418	rBV3	7800	10109	0.25%	0.014%
13	6.032	564	569	576	rVB7	2889	5920	0.15%	0.008%
14	6.144	583	588	594	rBV6	2604	4370	0.11%	0.006%
15	6.808	696	701	706	rVB2	6263	9306	0.23%	0.013%
16	6.966	721	728	731	rBV	451537	782955	19.22%	1.057%
17	7.143	750	758	766	rBV	363659	548047	13.46%	0.740%
18	7.336	784	791	800	rVV	413417	637363	15.65%	0.860%
19	7.436	803	808	815	rVB4	10320	17472	0.43%	0.024%
20	7.806	860	871	879	rBV	275616	439341	10.79%	0.593%
21	7.941	888	894	898	rBV3	3534	5710	0.14%	0.008%
22	8.041	906	911	919	rVB3	14591	25354	0.62%	0.034%
23	8.294	951	954	960	rBV4	2903	4433	0.11%	0.006%
24	8.353	960	964	976	rVB3	8565	19288	0.47%	0.026%
25	8.505	981	990	995	rBV	565033	917752	22.53%	1.239%
26	8.564	995	1000	1008	rVB	747293	1148834	28.21%	1.551%
27	8.693	1016	1022	1024	rBV4	3935	6226	0.15%	0.008%
28	8.964	1059	1068	1072	rBV	389268	646741	15.88%	0.873%
29	9.005	1072	1075	1085	rVV	235442	353178	8.67%	0.477%
30	9.075	1085	1087	1093	rVB5	4268	6421	0.16%	0.009%
31	9.392	1137	1141	1148	rVB6	2659	4660	0.11%	0.006%
32	9.680	1183	1190	1197	rBV	290360	487037	11.96%	0.658%
33	9.768	1197	1205	1220	rVB	769644	1295289	31.80%	1.749%
34	10.215	1274	1281	1293	rVB	518236	837765	20.57%	1.131%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021315\
Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

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-BG021015.M
Title : SVOA CALIBRATION

35	10.603	1339	1347	1350	rBV	401523	688697	16.91%	0.930%
36	10.650	1350	1355	1362	rVV	1318736	2172597	53.34%	2.933%
37	10.732	1362	1369	1379	rVB2	594707	977996	24.01%	1.320%
38	11.631	1512	1522	1533	rBV	1243499	2059698	50.57%	2.781%
39	11.736	1533	1540	1548	rVB3	24877	63796	1.57%	0.086%
40	12.371	1639	1648	1657	rBV	44214	87018	2.14%	0.117%
41	12.541	1672	1677	1680	rBV2	6900	10305	0.25%	0.014%
42	12.852	1722	1730	1734	rBV	384556	867369	21.30%	1.171%
43	12.923	1736	1742	1755	rVB	492562	1413029	34.69%	1.908%
44	13.275	1798	1802	1807	rBV	5634	9594	0.24%	0.013%
45	13.851	1894	1900	1906	rBV	968682	1318132	32.36%	1.780%
46	13.892	1906	1907	1913	rVB	12114	13270	0.33%	0.018%
47	14.133	1941	1948	1956	rVB	1178912	1687034	41.42%	2.278%
48	14.438	1994	2000	2009	rVB2	642519	979896	24.06%	1.323%
49	14.632	2026	2033	2045	rBV	483622	770981	18.93%	1.041%
50	14.809	2056	2063	2083	rBV	209419	411188	10.10%	0.555%
51	15.431	2161	2169	2176	rBV	1464324	2118375	52.01%	2.860%
52	15.543	2182	2188	2197	rBV	415398	554068	13.60%	0.748%
53	15.696	2206	2214	2220	rBV	1384327	1890805	46.43%	2.553%
54	15.831	2231	2237	2242	rVB	1097240	1357099	33.32%	1.832%
55	16.077	2273	2279	2283	rVB2	20553	26738	0.66%	0.036%
56	16.336	2318	2323	2324	rBV3	8675	10002	0.25%	0.014%
57	16.377	2324	2330	2338	rVV	1879377	2480417	60.90%	3.349%
58	16.459	2338	2344	2355	rVB	146417	192491	4.73%	0.260%
59	16.653	2370	2377	2382	rBV	1656228	2222991	54.58%	3.001%
60	16.829	2400	2407	2419	rBV	1327048	1830318	44.94%	2.471%
61	17.006	2428	2437	2449	rVB	2450164	3589019	88.12%	4.845%
62	17.141	2454	2460	2464	rVV	1372636	1769493	43.45%	2.389%
63	17.182	2464	2467	2477	rVV2	829082	1118940	27.47%	1.511%
64	17.282	2477	2484	2498	rVB2	1568960	2336183	57.36%	3.154%
65	17.464	2512	2515	2519	rVB3	3508	4307	0.11%	0.006%
66	17.740	2559	2562	2567	rBV4	6845	7745	0.19%	0.010%
67	17.805	2567	2573	2579	rVV	1793086	2287428	56.16%	3.088%
68	18.151	2627	2632	2643	rBV	1823254	2286652	56.14%	3.087%
69	18.410	2672	2676	2684	rBV2	38871	63765	1.57%	0.086%
70	18.762	2732	2736	2740	rBV2	21569	26627	0.65%	0.036%
71	19.308	2824	2829	2835	rVB2	29729	45039	1.11%	0.061%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021315\
Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

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-BG021015.M
Title : SVOA CALIBRATION

72	19.414	2843	2847	2850	rBV4	11160	12554	0.31%	0.017%
73	19.455	2850	2854	2859	rVB	14976	18733	0.46%	0.025%
74	19.573	2867	2874	2882	rBV	2019871	2693863	66.14%	3.637%
75	19.714	2895	2898	2904	rVB7	3722	6490	0.16%	0.009%
76	19.802	2909	2913	2922	rVV2	32222	45293	1.11%	0.061%
77	20.143	2962	2971	2977	rBV	3579130	4072782	100.00%	5.498%
78	20.501	3027	3032	3043	rBV	2322486	2565484	62.99%	3.463%
79	21.071	3126	3129	3134	rBV4	5639	7037	0.17%	0.010%
80	21.147	3138	3142	3148	rBV3	12997	16905	0.42%	0.023%
81	21.276	3159	3164	3171	rBV	3096550	3455911	84.85%	4.666%
82	21.353	3171	3177	3186	rVB	1117557	1392512	34.19%	1.880%
83	21.511	3202	3204	3208	rVB4	4532	5611	0.14%	0.008%
84	21.958	3278	3280	3284	rBV5	7820	8381	0.21%	0.011%
85	22.175	3311	3317	3335	rVB	2056866	2716776	66.71%	3.668%
86	22.439	3358	3362	3371	rVB2	23702	38014	0.93%	0.051%
87	22.575	3383	3385	3390	rVB5	6098	6489	0.16%	0.009%
88	22.874	3432	3436	3437	rBV3	10042	12049	0.30%	0.016%
89	22.898	3437	3440	3446	rVV5	16557	30248	0.74%	0.041%
90	22.968	3449	3452	3458	rVB2	20824	32582	0.80%	0.044%
91	23.133	3477	3480	3485	rVB7	11526	18300	0.45%	0.025%
92	23.227	3491	3496	3503	rVB6	44171	77630	1.91%	0.105%
93	23.444	3530	3533	3536	rBV4	4368	6667	0.16%	0.009%
94	23.509	3536	3544	3552	rBV2	1396557	2637805	64.77%	3.561%
95	23.655	3561	3569	3585	rVB	669938	1330247	32.66%	1.796%
96	24.255	3665	3671	3679	rBV3	25292	55152	1.35%	0.074%
97	24.560	3717	3723	3728	rVB9	8958	19965	0.49%	0.027%
98	25.048	3800	3806	3814	rVB3	26192	58298	1.43%	0.079%
99	25.976	3958	3964	3974	rVB9	15677	46731	1.15%	0.063%
100	26.745	4080	4095	4113	rBV	994478	3167708	77.78%	4.277%

Sum of corrected areas: 74072098

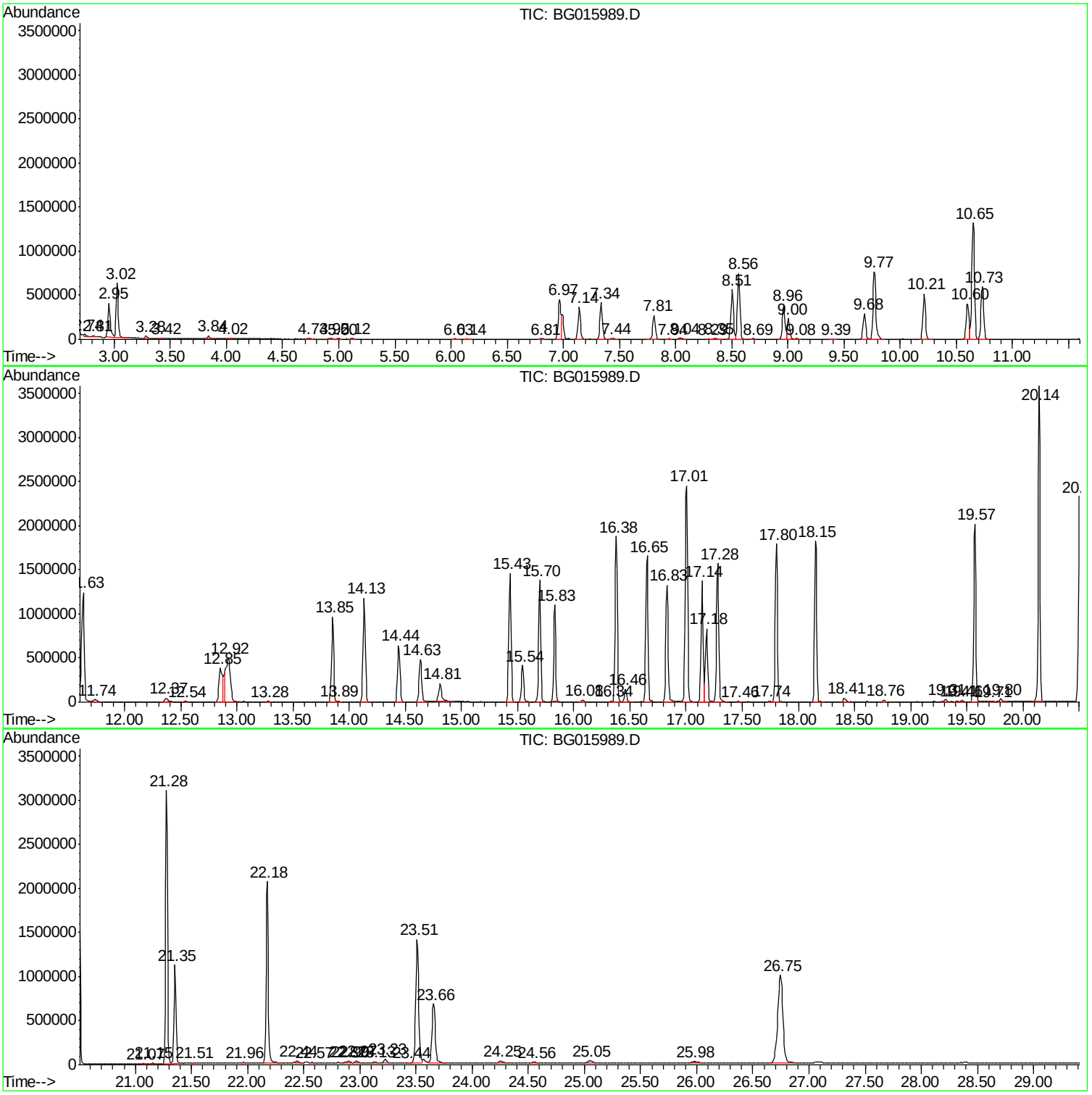
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021315\
Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021315\
Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

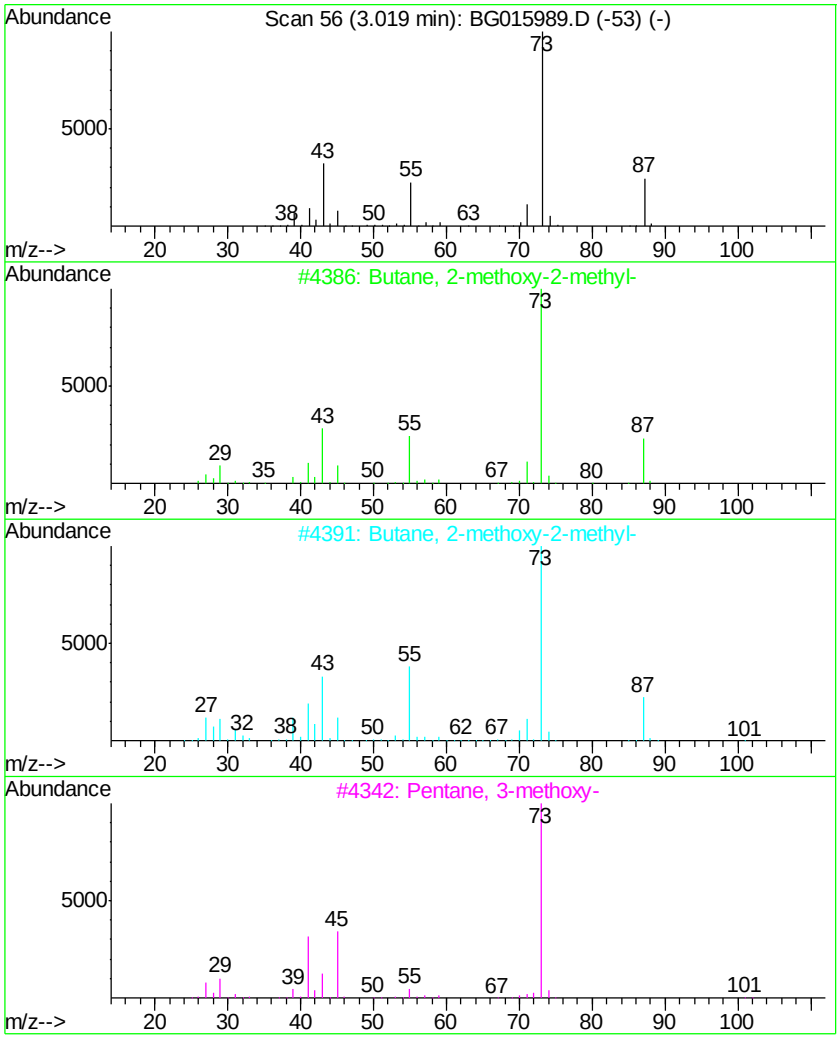
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

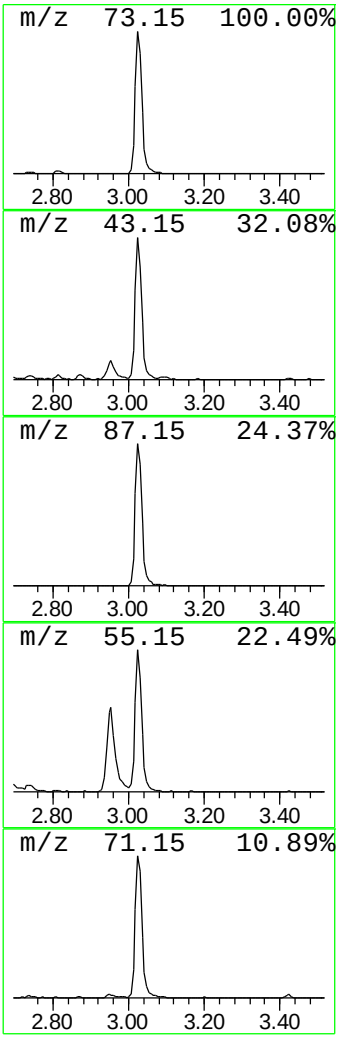
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	35.38 ng/ul	777290	1,4-Dichlorobenzene-d4	7.81

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021315\
Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

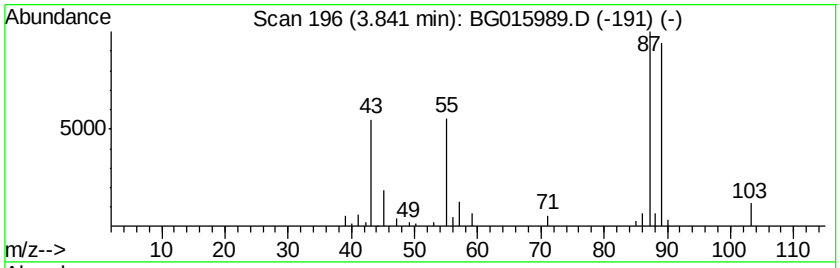
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

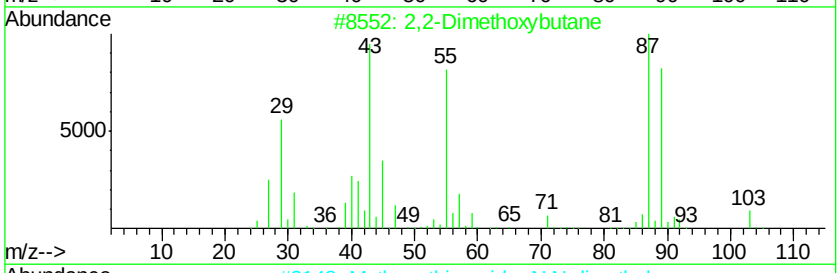
****

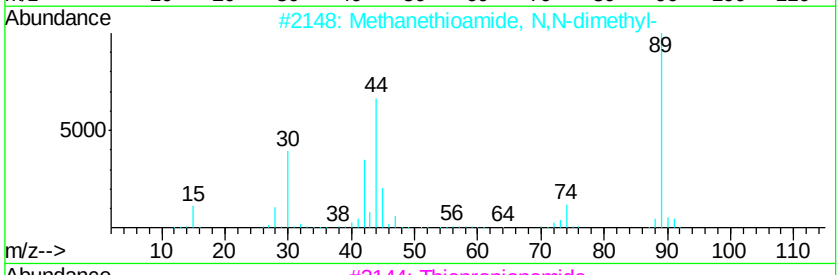
Peak Number 3 2,2-Dimethoxybutane Concentration Rank 13

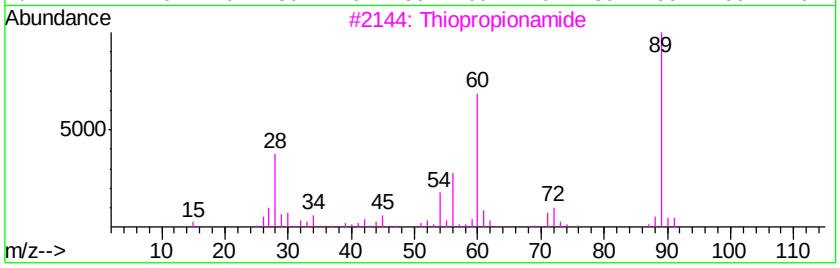
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.84	2.11 ng/ul	46438	1,4-Dichlorobenzene-d4	7.81

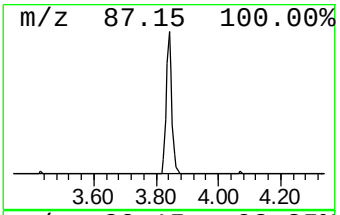
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	74
2	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	53
3	Thiopropionamide	89	C3H7NS	000631-58-3	36
4	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	36
5	2-Propenenitrile, 2-chloro-	87	C3H2ClN	000920-37-6	10

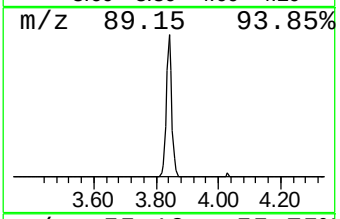


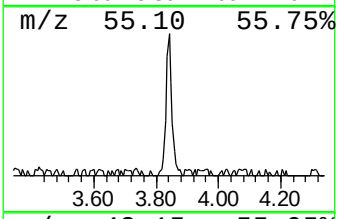


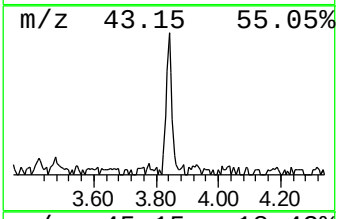


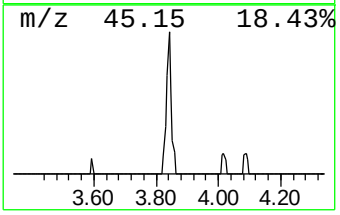












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021315\
Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

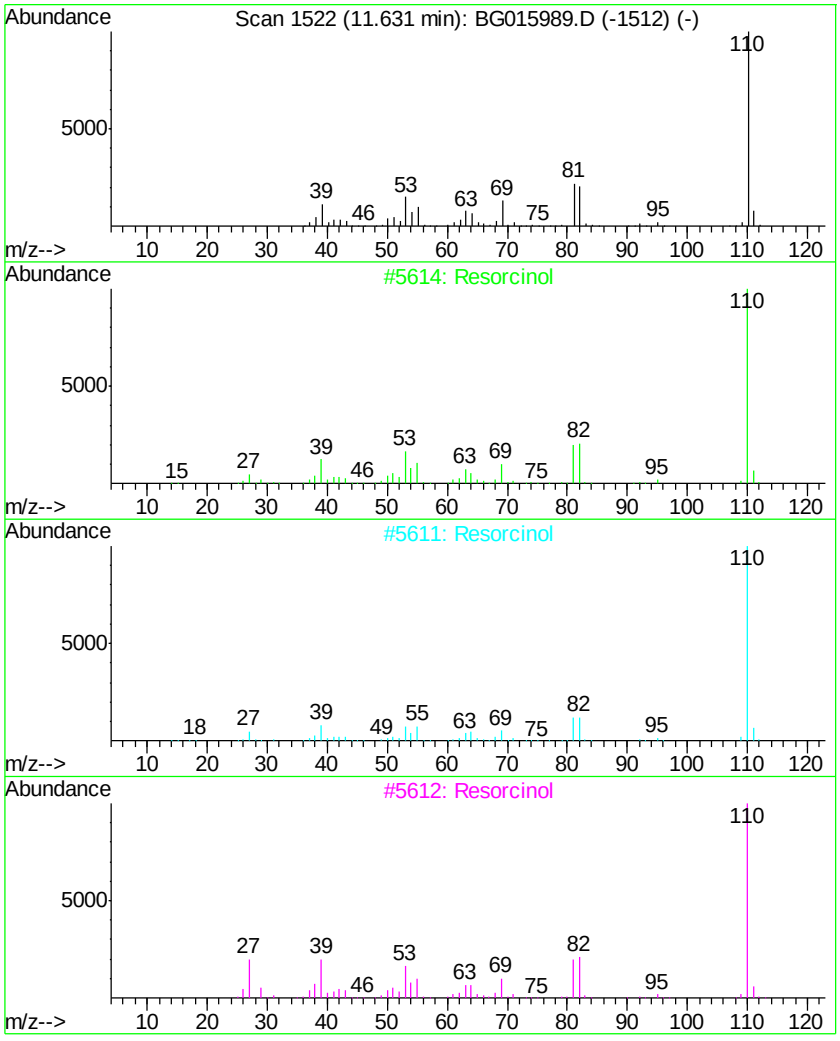
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

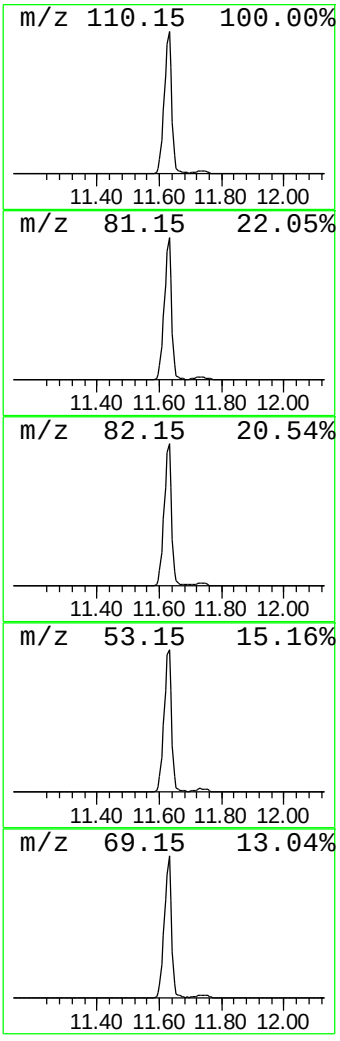
****

Peak Number 4 Resorcinol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	59.81 ng/ul	2059700	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol	110	C6H6O2	000108-46-3	97
2	Resorcinol	110	C6H6O2	000108-46-3	91
3	Resorcinol	110	C6H6O2	000108-46-3	91
4	Resorcinol	110	C6H6O2	000108-46-3	91
5	2(1H)-Pyridinone, 3-amino-	110	C5H6N2O	033630-99-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021315\
Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

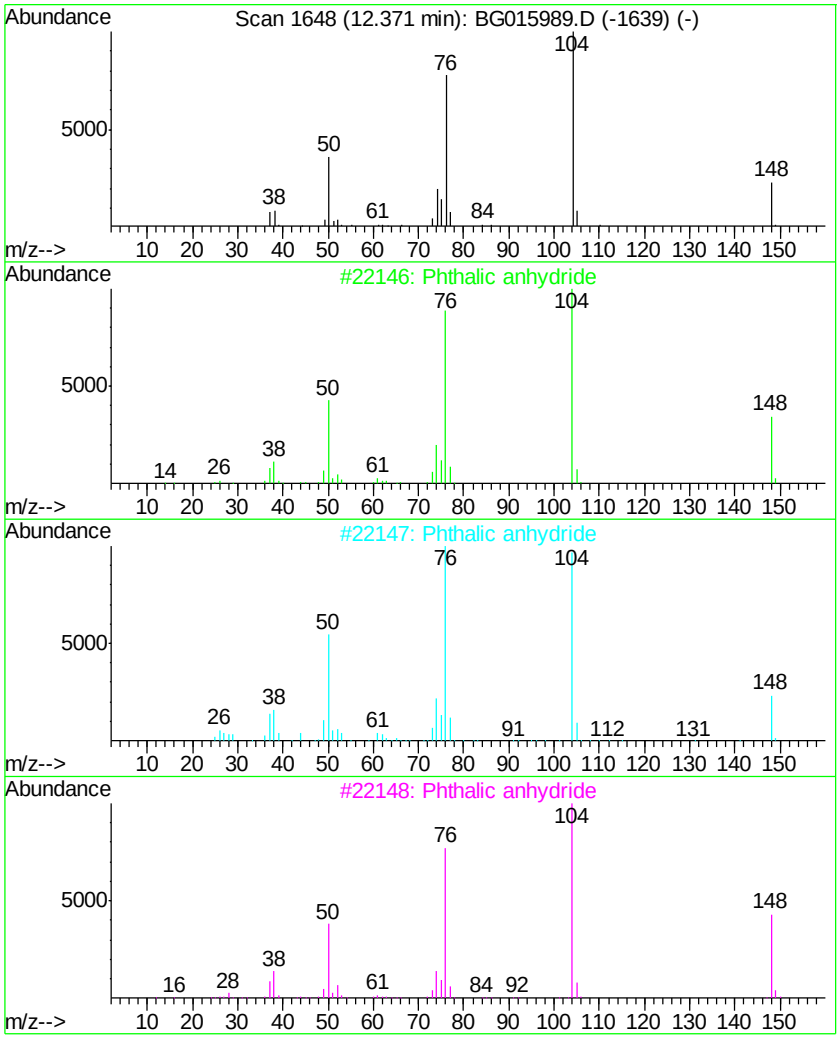
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

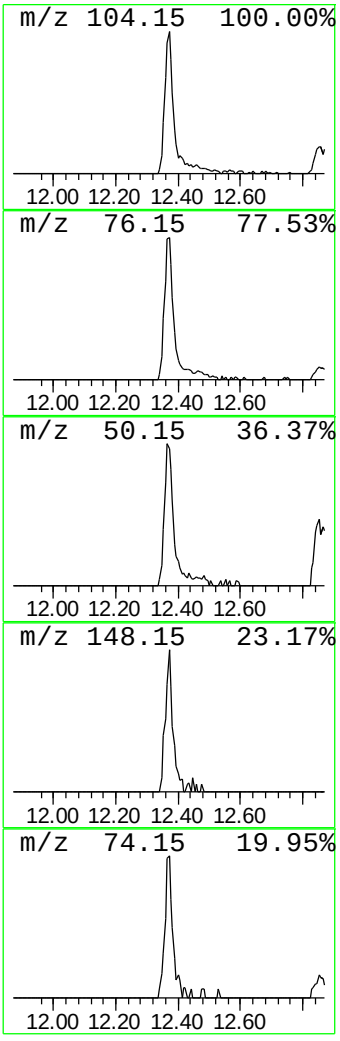
****

Peak Number 5 Phthalic anhydride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.53 ng/ul	87018	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2	Phthalic anhydride	148	C8H4O3	000085-44-9	94
3	Phthalic anhydride	148	C8H4O3	000085-44-9	94
4	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
5	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	83





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Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

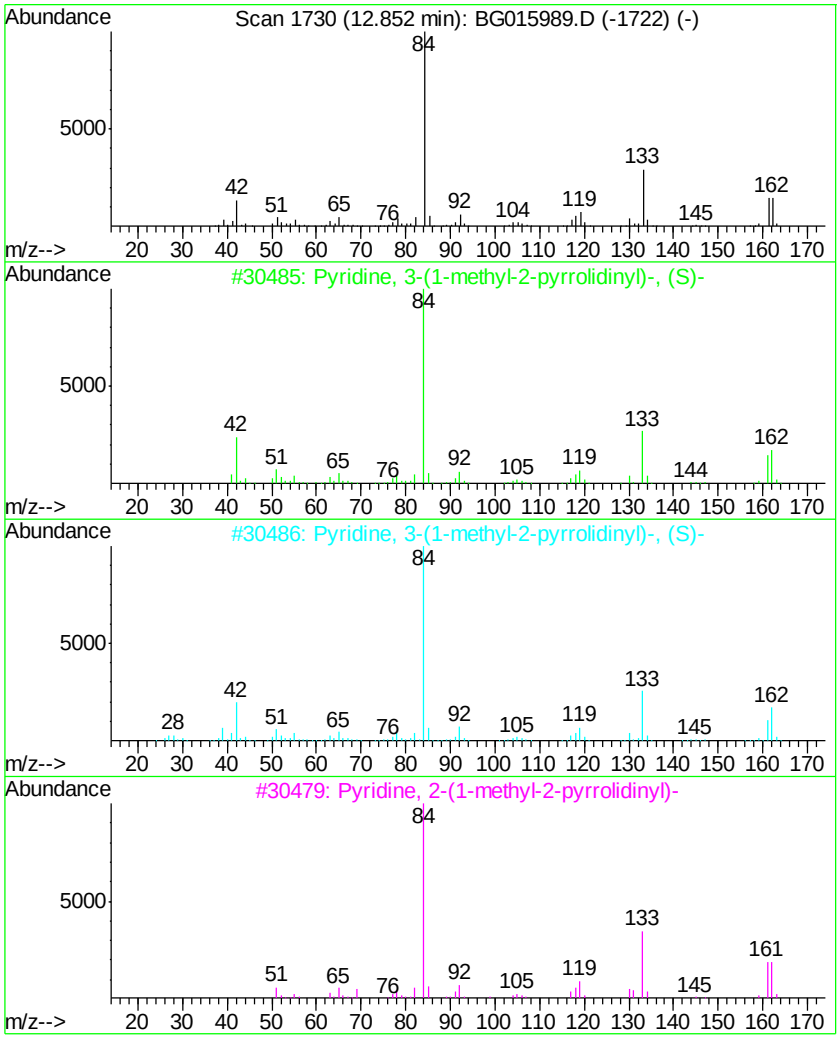
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

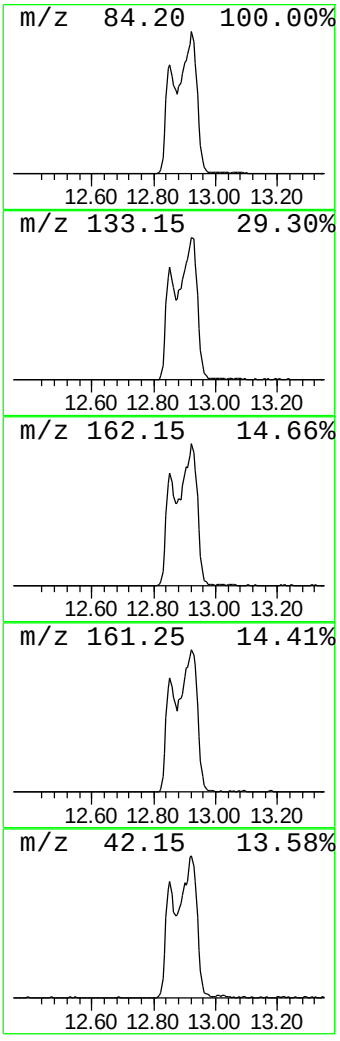
****

Peak Number 6 Pyridine, 3-(1-methyl-2-pyr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	17.70 ng/ul	867369	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	95
2	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	94
3	Pyridine, 2-(1-methyl-2-pyrrolid...	162	C10H14N2	023950-04-1	94
4	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	93
5	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	91





Library Search Compound Report

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Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

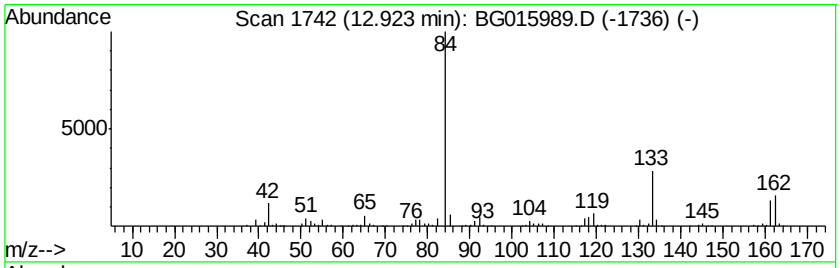
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

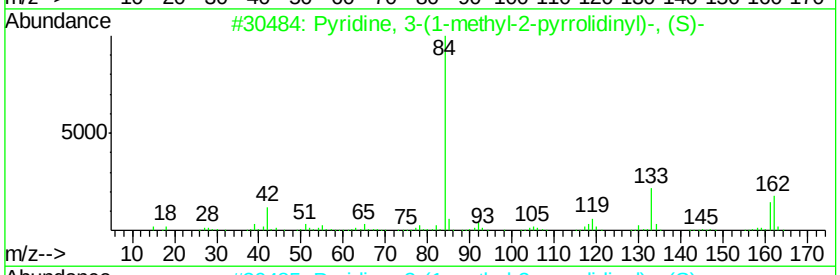
****

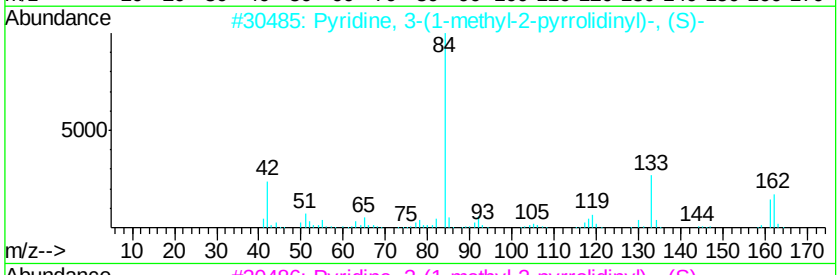
Peak Number 7 Pyridine, 2-(1-methyl-2-pyr... Concentration Rank 6

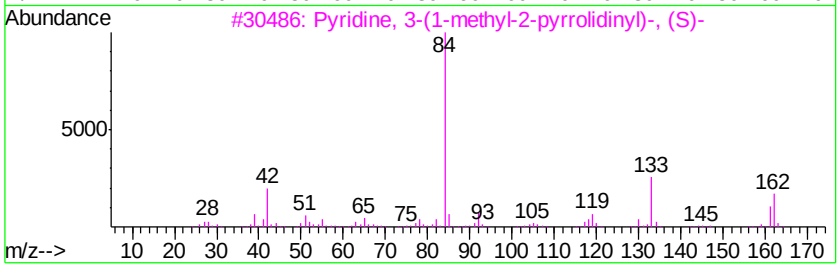
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	28.84 ng/ul	1413030	Acenaphthene-d10	14.44

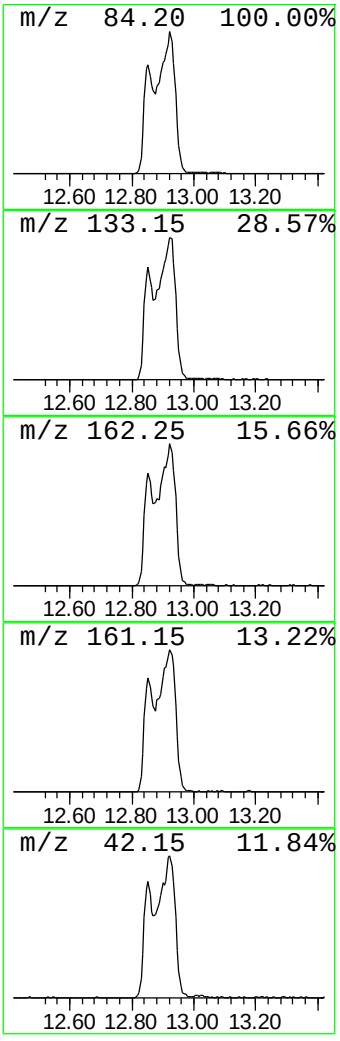
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	94
2	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	90
3	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	90
4	Pyridine, 2-(1-methyl-2-pyrrolid...	162	C10H14N2	023950-04-1	64
5	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	64











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Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

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

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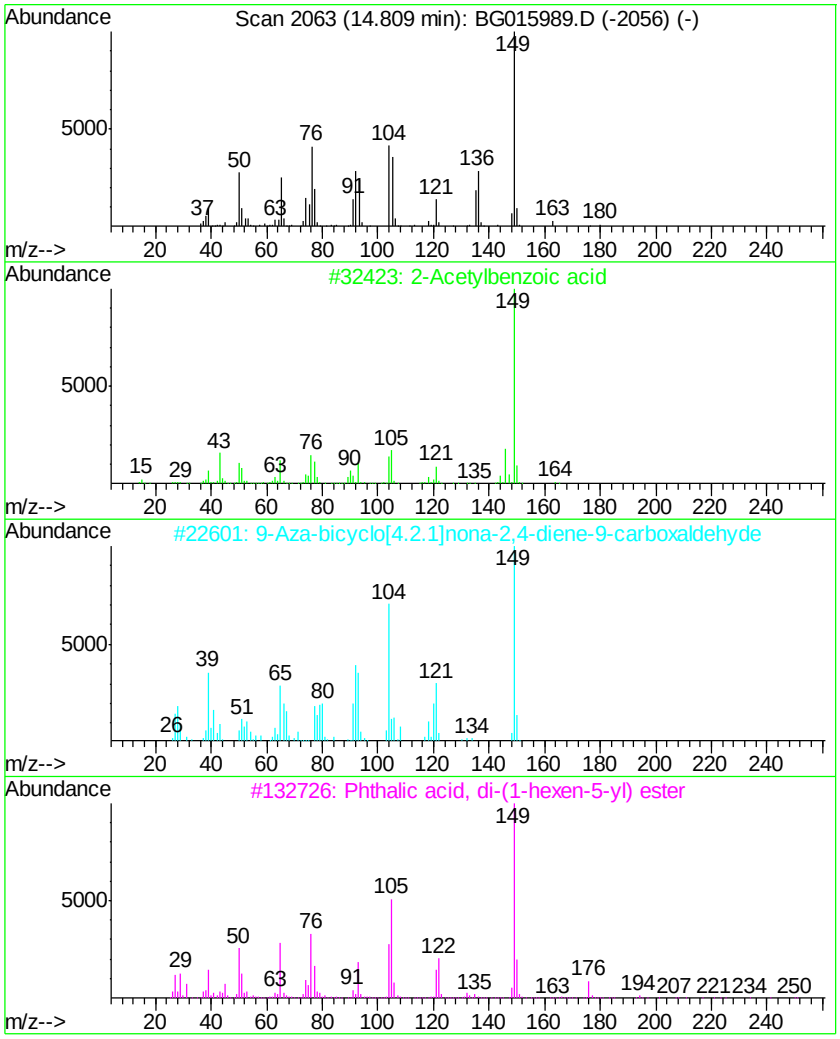
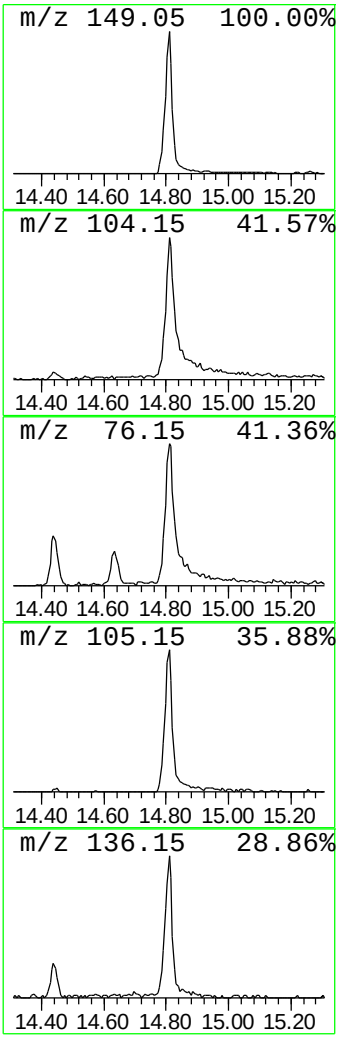
Peak Number 8 2-Acetylbenzoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	8.39 ng/ul	411188	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	50
2	9-Aza-bicyclo[4.2.1]nona-2,4-die...	149	C9H11NO	034668-54-7	38
3	Phthalic acid, di-(1-hexen-5-yl)...	330	C20H26O4	1000160-80-2	38
4	Propenal, 3-hydroxy-2-(4-pyridyl)-	149	C8H7NO2	026866-48-8	32
5	1,3-Dioxolane, 2-phenyl-2-(pheny...	240	C16H16O2	004362-19-0	27





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Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

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

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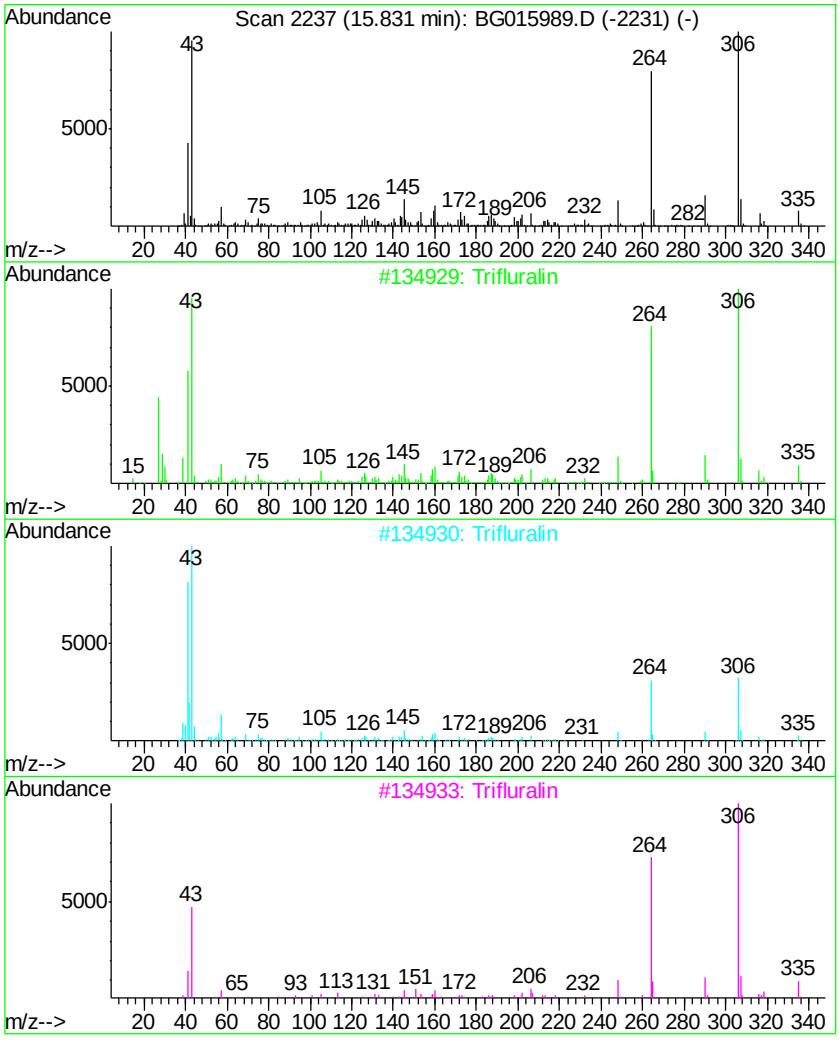
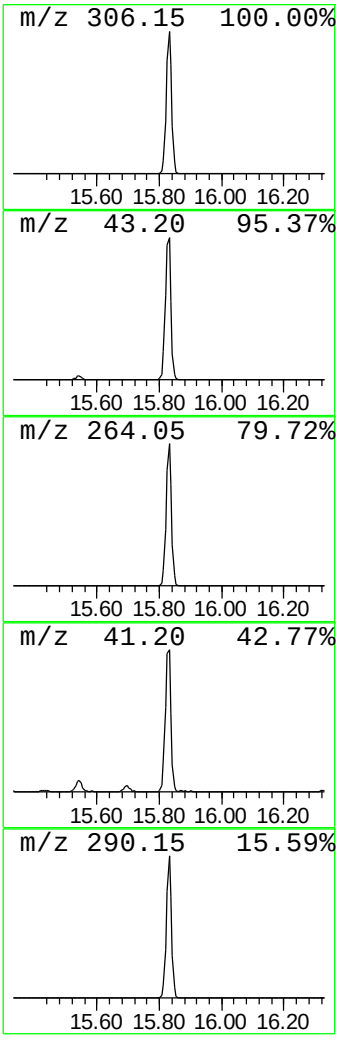
Peak Number 9 Trifluralin Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	24.26 ng/ul	1357100	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluralin	335	C13H16F3N3O4	001582-09-8	99
2	Trifluralin	335	C13H16F3N3O4	001582-09-8	95
3	Trifluralin	335	C13H16F3N3O4	001582-09-8	95
4	Azuleno[6,5-b]furan-2(3H)-one, 6...	366	C19H26O7	051292-55-8	64
5	Trifluralin	335	C13H16F3N3O4	001582-09-8	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021315\
Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

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

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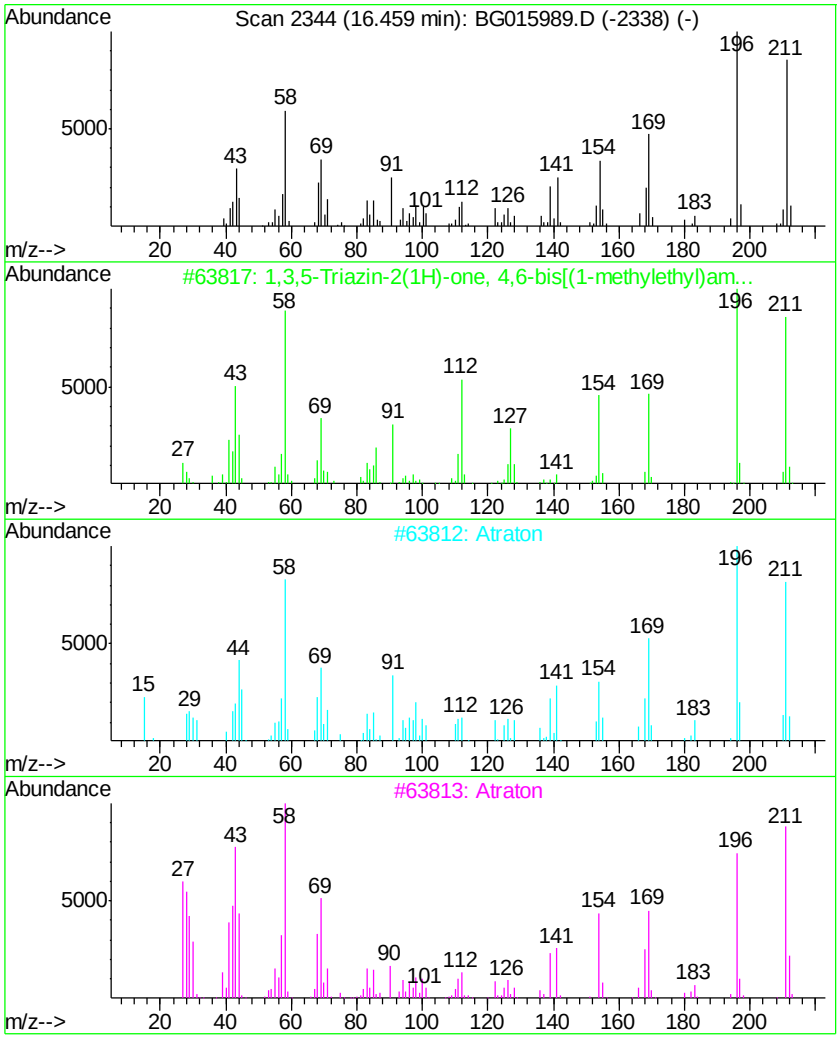
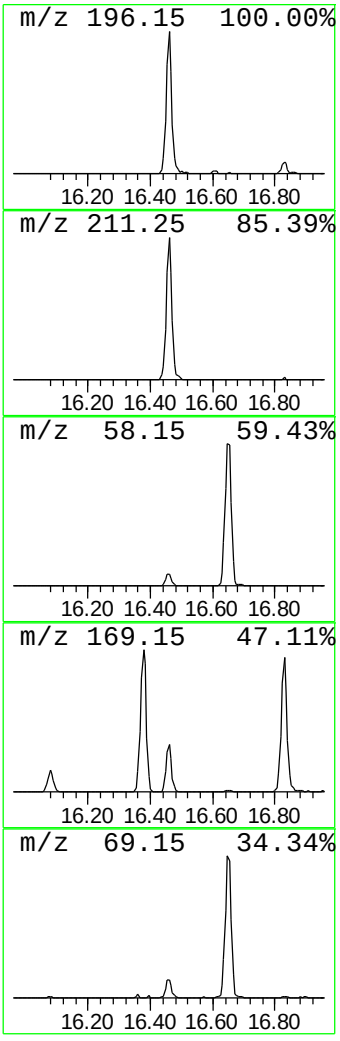
Peak Number 10 1,3,5-Triazin-2(1H)-one, 4,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	3.44 ng/ul	192491	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazin-2(1H)-one, 4,6-bis...	211	C9H17N5O	007374-53-0	89
2	Atraton	211	C9H17N5O	001610-17-9	80
3	Atraton	211	C9H17N5O	001610-17-9	70
4	Benzenamine, 4-methoxy-N-(phenyl...	211	C14H13NO	000783-08-4	46
5	Murrayafolin a	211	C14H13NO	004532-33-6	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021315\
Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

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

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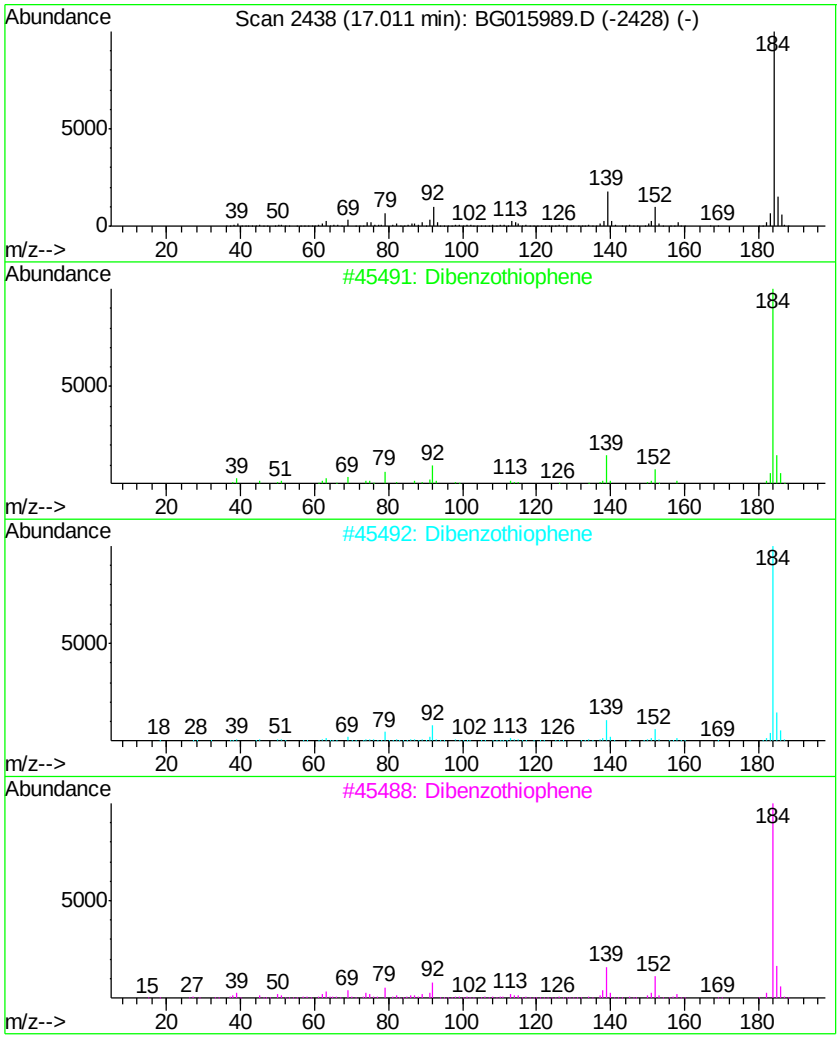
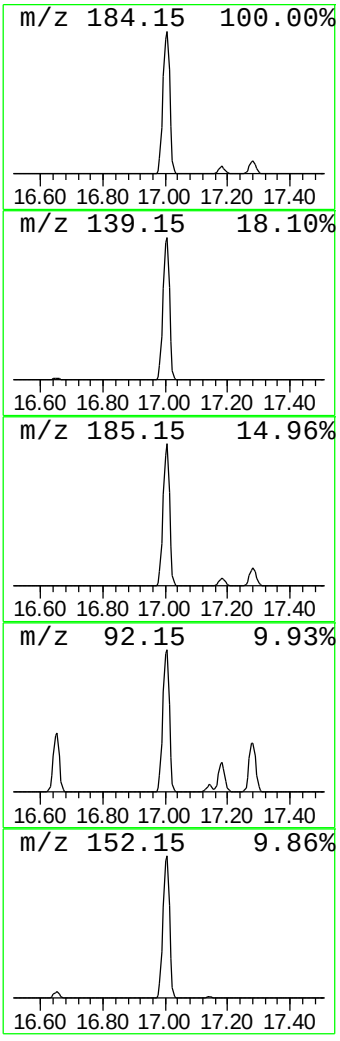
Peak Number 11 Dibenzothiophene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	64.15 ng/ul	3589020	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021315\
Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

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

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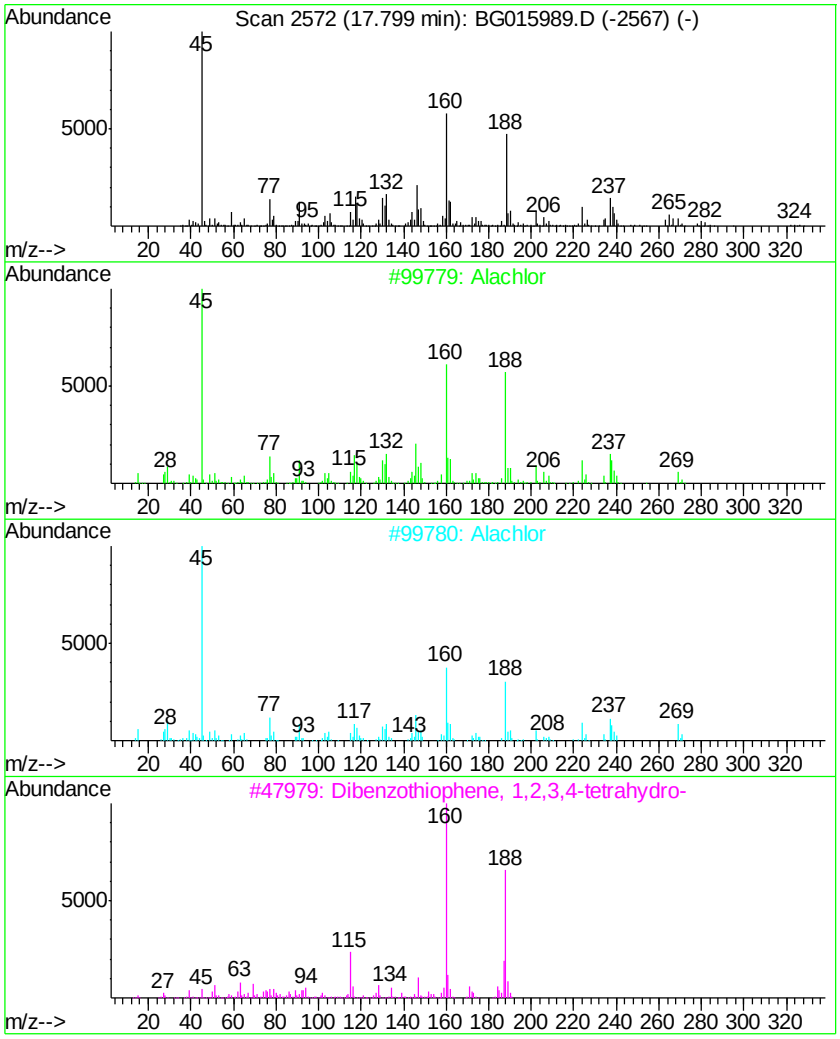
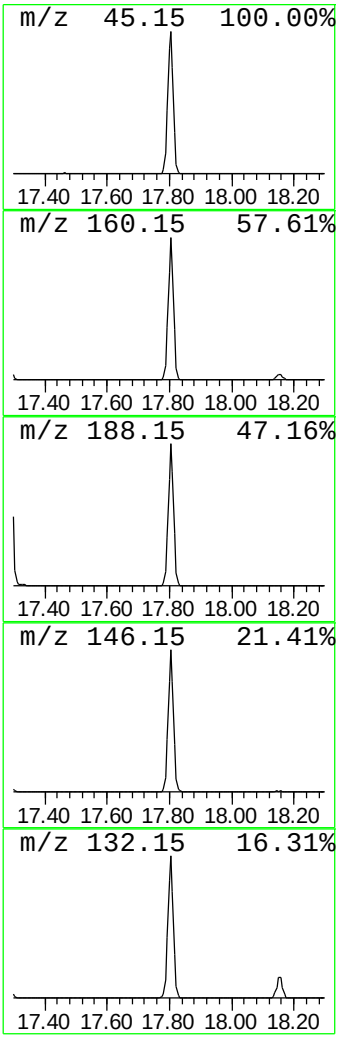
Peak Number 12 Alachlor Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	40.89 ng/ul	2287430	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alachlor	269	C14H20ClNO2	015972-60-8	99
2	Alachlor	269	C14H20ClNO2	015972-60-8	98
3	Dibenzothiophene, 1,2,3,4-tetrah...	188	C12H12S	016587-33-0	25
4	Dibenzothiophene, 1,2,3,4-tetrah...	188	C12H12S	016587-33-0	22
5	Quinazoline, 4-(1-methylethyl)-,...	188	C11H12N2O	050915-32-7	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021315\
Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION

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

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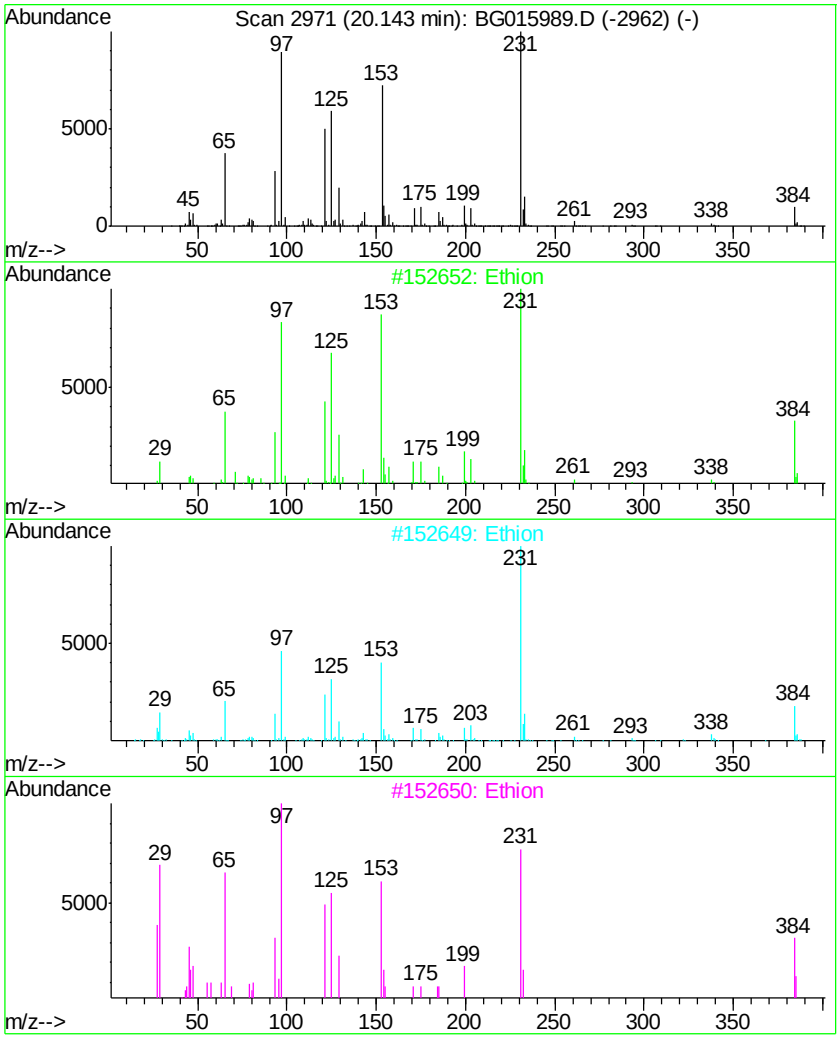
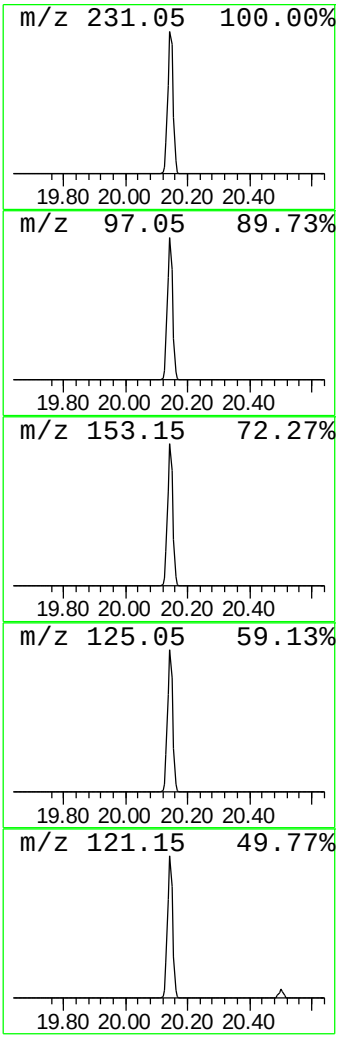
Peak Number 13 Ethion Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	58.50 ng/ul	4072780	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethion	384	C9H22O4P2S4	000563-12-2	97
2	Ethion	384	C9H22O4P2S4	000563-12-2	96
3	Ethion	384	C9H22O4P2S4	000563-12-2	81
4	Ethion	384	C9H22O4P2S4	000563-12-2	52
5	Phorate sulfoxide	276	C7H17O3PS3	002588-03-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021315\
Data File : BG015989.D
Acq On : 13 Feb 2015 15:53
Operator : TP/IZ
Sample : G1291-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1J25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.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...	3.02	35.4	ng/ul	777290	1	7.81	439341	20.0
2,2-Dimethoxybutane	3.84	2.1	ng/ul	46438	1	7.81	439341	20.0
Resorcinol	11.63	59.8	ng/ul	2059700	2	10.60	688697	20.0
Phthalic anhydride	12.37	2.5	ng/ul	87018	2	10.60	688697	20.0
Pyridine, 3-(1-me...	12.85	17.7	ng/ul	867369	3	14.44	979896	20.0
Pyridine, 2-(1-me...	12.92	28.8	ng/ul	1413030	3	14.44	979896	20.0
2-Acetylbenzoic acid	14.81	8.4	ng/ul	411188	3	14.44	979896	20.0
Trifluralin	15.83	24.3	ng/ul	1357100	4	17.18	1118940	20.0
1,3,5-Triazin-2(1...	16.46	3.4	ng/ul	192491	4	17.18	1118940	20.0
Dibenzothiophene	17.01	64.2	ng/ul	3589020	4	17.18	1118940	20.0
Alachlor	17.80	40.9	ng/ul	2287430	4	17.18	1118940	20.0
Ethion	20.14	58.5	ng/ul	4072780	5	21.35	1392510	20.0