LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016643.D
Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG042115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.722	3	6	15	rVB	279346	524242	19.65%	1.190%
2	2.805	15	20	26	rBV	419161	552186	20.69%	1.254%
3	3.351	106	113	121	rVB	29670	43453	1.63%	0.099%
4	4.156	246	250	256	rVB	51009	66983	2.51%	0.152%
5	4.755	342	352	359	rBV	49853	83334	3.12%	0.189%
6	4.949	379	385	393	rBV	222200	322105	12.07%	0.731%
7	5.231	427	433	439	rBV	438848	640813	24.02%	1.455%
8	5.889	539	545	547	rBV2	20816	32774	1.23%	0.074%
9	6.001	559	564	571	rBV3	20953	32945	1.23%	0.075%
10	6.083	571	578	582	rBV	41897	65016	2.44%	0.148%
11	6.124	582	585	590	rVV3	24667	47012	1.76%	0.107%
12	6.165	590	592	599	rVB	26135	30163	1.13%	0.068%
13	6.306	611	616	619	rBV	32756	50737	1.90%	0.115%
14	6.835	700	706	714	rVB	280590	452123	16.94%	1.027%
15	7.023	733	738	743	rBV4	21639	40086	1.50%	0.091%
16	7.105	743	752	757	rBV3	53305	130731	4.90%	0.297%
17	7.176	757	764	771	rVB	826077	1326480	49.71%	3.012%
18	7.499	815	819	830	rVB7	16001	44962	1.69%	0.102%
19	7.634	836	842	847	rBV	204139	295818	11.09%	0.672%
20	7.734	855	859	867	rVB4	30931	68557	2.57%	0.156%
21	7.875	867	883	887	rBV5	30153	126518	4.74%	0.287%
22	7.952	887	896	901	rBV	845977	1512068	56.67%	3.433%
23	8.192	929	937	946	rBV6	18690	56212	2.11%	0.128%
24	8.545	968	997	998	rBV2	359812	1802275	67.54%	4.092%
25	8.798	1026	1040	1044	rBV	822590	1936670	72.58%	4.397%
26	8.921	1056	1061	1068	rVB5	712452	1859711	69.70%	4.223%
27	8.980	1068	1071	1074	rVV2	80647	111296	4.17%	0.253%
28	9.033	1074	1080	1093	rVB3	260598	799648	29.97%	1.816%
29	9.156	1093	1101	1112	rBV	162350	328548	12.31%	0.746%
30	9.250	1113	1117	1120	rBV4	23779	40704	1.53%	0.092%
31	9.379	1120	1139	1143	rBV	436490	1701462	63.76%	3.863%
32	9.432	1143	1148	1153	rVV	365049	594603	22.28%	1.350%
33	9.491	1153	1158	1171	rVB	241609	425030	15.93%	0.965%
34	9.585	1171	1174	1178	rBV4	24995	43200	1.62%	0.098%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016643.D
Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG042115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.667	1184	1188	1192	rVB4	23742	35310	1.32%	0.080%
36	9.708	1192	1195	1201	rVB4	27441	40872	1.53%	0.093%
37	9.791	1203	1209	1211	rBV5	25459	50160	1.88%	0.114%
38	9.832	1212	1216	1223	rVB8	21385	48963	1.83%	0.111%
39	10.043	1244	1252	1256	rBV4	74912	172975	6.48%	0.393%
40	10.084	1256	1259	1262	rVB	21764	30964	1.16%	0.070%
41	10.161	1268	1272	1276	rVB4	38394	54609	2.05%	0.124%
42	10.231	1276	1284	1289	rBV4	103779	270225	10.13%	0.614%
43	10.278	1289	1292	1299	rVB2	78394	120404	4.51%	0.273%
44	10.349	1300	1304	1307	rBV	32805	53411	2.00%	0.121%
45	10.419	1307	1316	1322	rVV	319799	602341	22.57%	1.368%
46	10.643	1347	1354	1360	rBV4	131042	272152	10.20%	0.618%
47	10.772	1367	1376	1381	rBV3	227072	717888	26.90%	1.630%
48	10.948	1400	1406	1410	rBV3	171699	380131	14.25%	0.863%
49	10.989	1410	1413	1418	rVB4	122001	186939	7.01%	0.424%
50	11.224	1440	1453	1459	rBV4	321057	1074268	40.26%	2.439%
51	11.318	1459	1469	1473	rVV6	389847	1380211	51.73%	3.134%
52	11.377	1475	1479	1484	rVV4	541466	1143410	42.85%	2.596%
53	11.442	1484	1490	1494	rVV2	446248	801879	30.05%	1.821%
54	11.483	1494	1497	1500	rVV4	101047	161252	6.04%	0.366%
55	11.536	1504	1506	1510	rVV4	147845	197629	7.41%	0.449%
56	11.594	1510	1516	1521	rVV2	280937	565059	21.18%	1.283%
57	11.635	1521	1523	1527	rVB	142458	143765	5.39%	0.326%
58	11.694	1527	1533	1537	rVB2	207834	359872	13.49%	0.817%
59	11.800	1541	1551	1556	rBV2	257053	630038	23.61%	1.431%
60	11.870	1557	1563	1567	rBV2	225400	428561	16.06%	0.973%
61	11.959	1567	1578	1585	rVV6	460671	1579870	59.21%	3.587%
62	12.041	1587	1592	1597	rVV4	205575	379761	14.23%	0.862%
63	12.100	1597	1602	1608	rVB3	175510	249295	9.34%	0.566%
64	12.200	1616	1619	1621	rBV3	32894	35977	1.35%	0.082%
65	12.241	1621	1626	1630	rVB3	180866	288867	10.83%	0.656%
66	12.294	1631	1635	1644	rVB10	82008	249321	9.34%	0.566%
67	12.376	1644	1649	1651	rBV3	62501	106699	4.00%	0.242%
68	12.452	1657	1662	1665	rBV2	120864	189996	7.12%	0.431%
69	12.487	1666	1668	1674	rVB5	87863	134965	5.06%	0.306%
70	12.628	1687	1692	1694	rBV4	58975	106806	4.00%	0.243%
71	12.734	1706	1710	1711	rBV3	49774	63376	2.38%	0.144%

LSC Area Percent Report

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Data File : BG016643.D
Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG042115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.764	1712	1715	1719	rVB2	76294	103487	3.88%	0.235%
73	12.899	1733	1738	1743	rBV	1510358	2123782	79.59%	4.822%
74	12.952	1743	1747	1753	rVB3	128736	208516	7.81%	0.473%
75	13.010	1753	1757	1761	rBV7	41082	62728	2.35%	0.142%
76	13.104	1762	1773	1779	rBV6	119322	437815	16.41%	0.994%
77	13.239	1792	1796	1800	rBV3	101252	195834	7.34%	0.445%
78	13.292	1800	1805	1810	rVB2	219717	400962	15.03%	0.910%
79	13.745	1879	1882	1886	rVB2	59471	70337	2.64%	0.160%
80	13.892	1904	1907	1910	rBV3	96114	139731	5.24%	0.317%
81	13.939	1910	1915	1919	rVB	486511	636096	23.84%	1.444%
82	14.080	1936	1939	1942	rBV3	58650	69308	2.60%	0.157%
83	14.121	1943	1946	1949	rBV5	45030	71424	2.68%	0.162%
84	14.279	1964	1973	1982	rBV3	474059	1119291	41.95%	2.542%
85	14.426	1994	1998	2001	rBV6	111632	179289	6.72%	0.407%
86	14.808	2059	2063	2070	rBV6	127374	297843	11.16%	0.676%
87	14.879	2071	2075	2081	rVV6	120116	272576	10.22%	0.619%
88	14.943	2082	2086	2091	rBV4	218296	342875	12.85%	0.779%
89	15.096	2107	2112	2122	rBV4	247209	557301	20.89%	1.265%
90	15.455	2169	2173	2178	rBV2	201046	273796	10.26%	0.622%
91	15.778	2223	2228	2232	rBV	1037223	1424924	53.40%	3.235%
92	17.023	2436	2440	2446	rBV2	568408	781629	29.29%	1.775%
93	17.934	2592	2595	2602	rBV2	135562	208993	7.83%	0.475%
94	19.655	2883	2888	2893	rBV	2186814	2668354	100.00%	6.059%
95	20.919	3100	3103	3109	rVB	130411	153205	5.74%	0.348%
96	21.207	3148	3152	3157	rBV	729772	864342	32.39%	1.963%
97	23.428	3524	3530	3539	rVB2	464316	879300	32.95%	1.997%

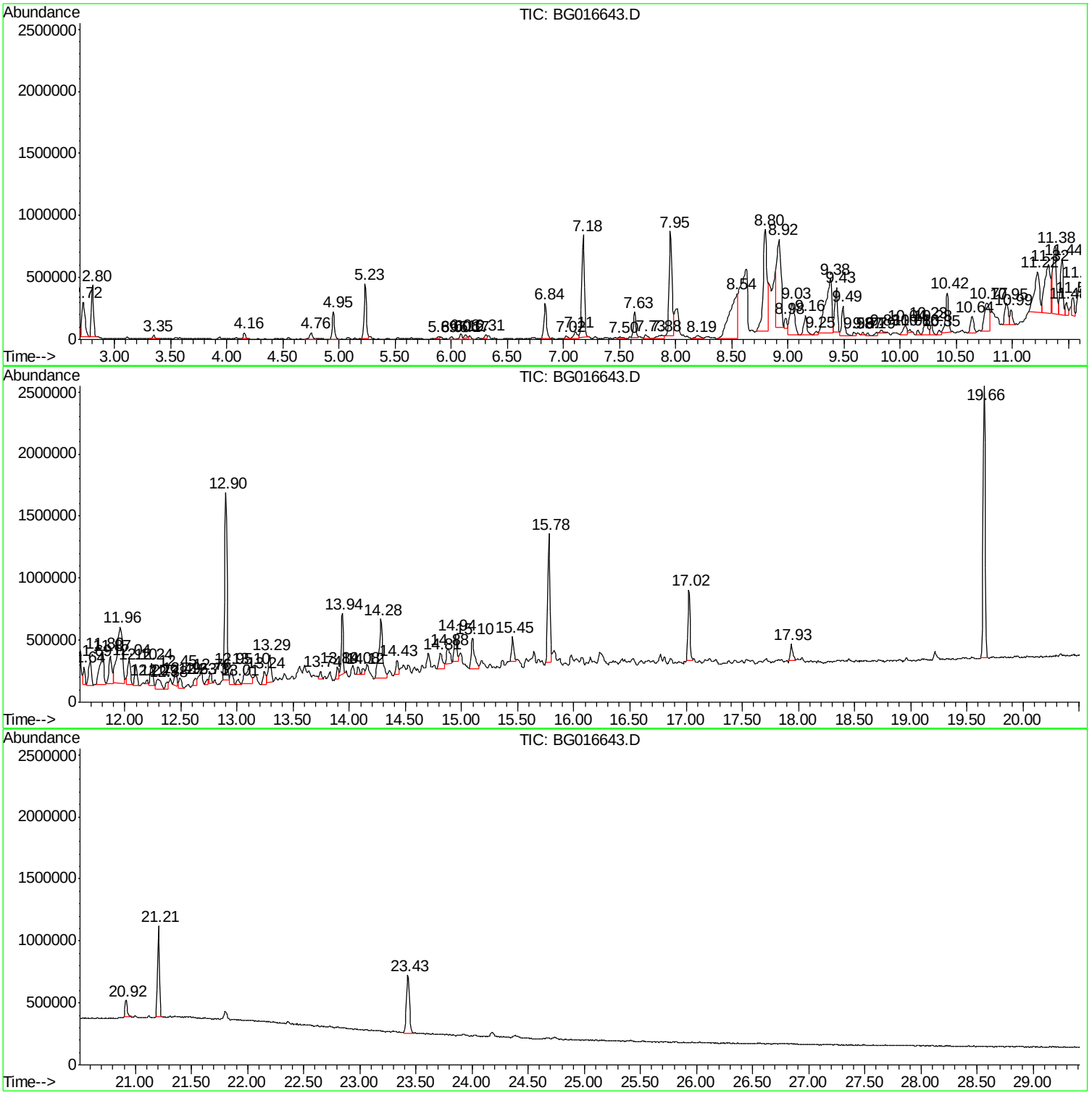
Sum of corrected areas: 44040424

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016643.D
Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016643.D
Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

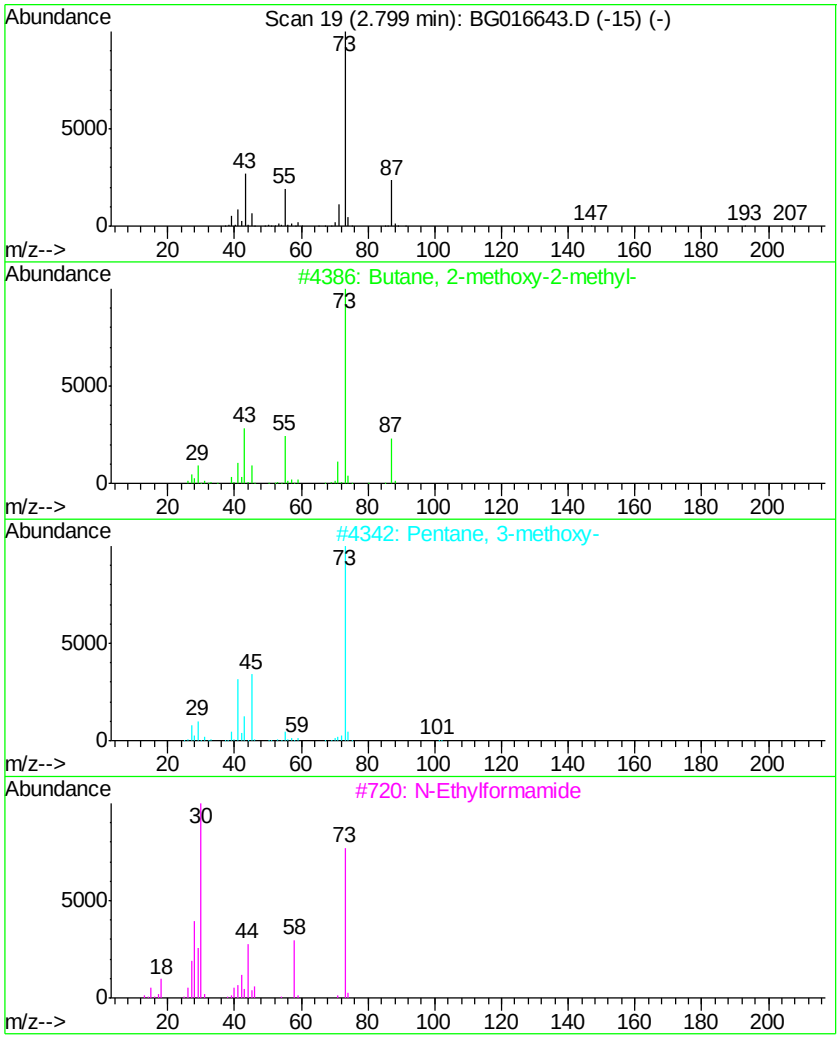
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

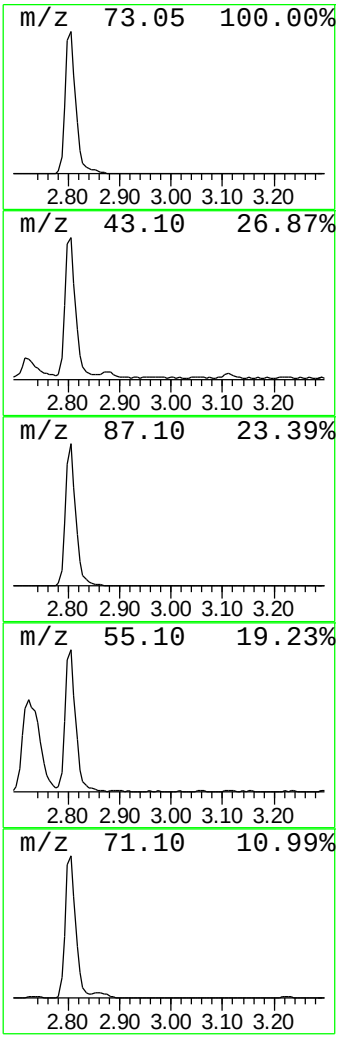
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	37.33 ng	552186	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	7





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016643.D
Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

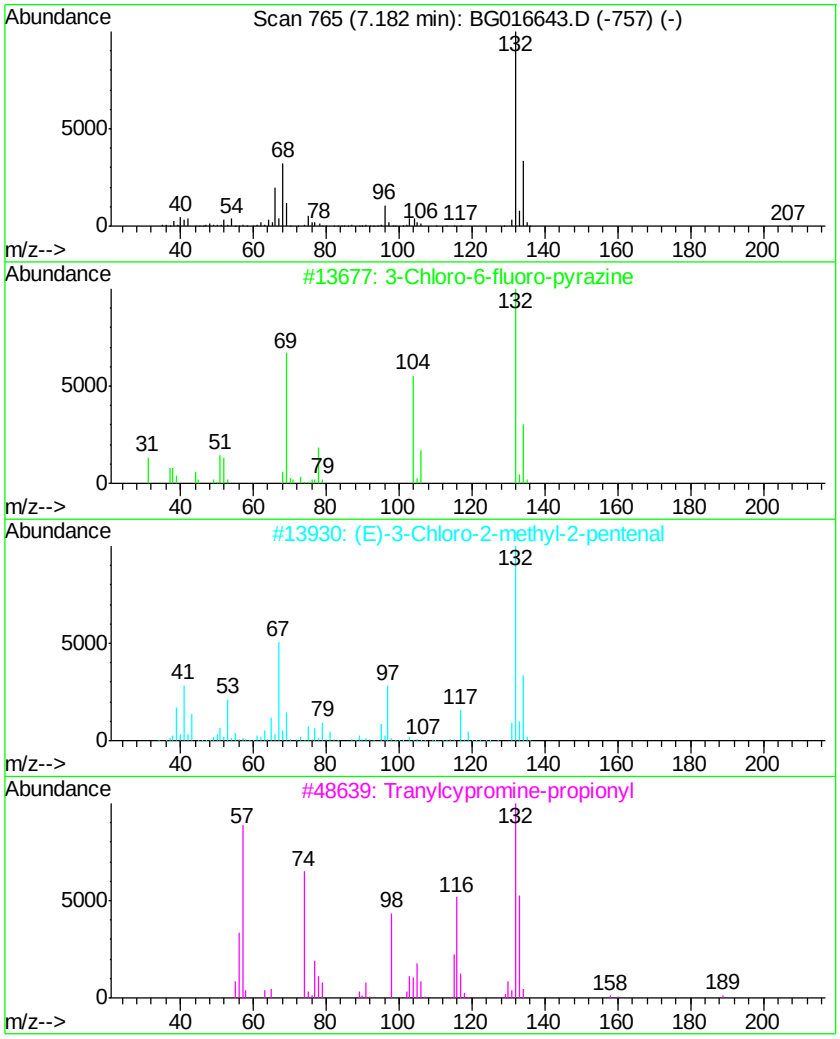
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

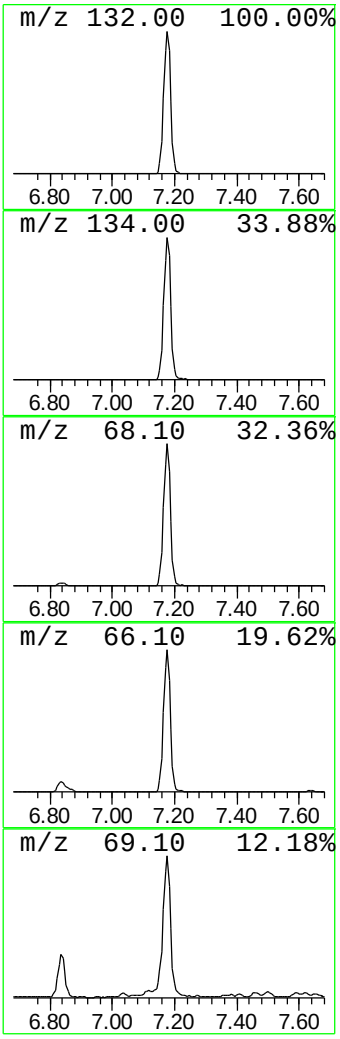
****

Peak Number 4 unknown7.18 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	89.68 ng	1326480	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016643.D
Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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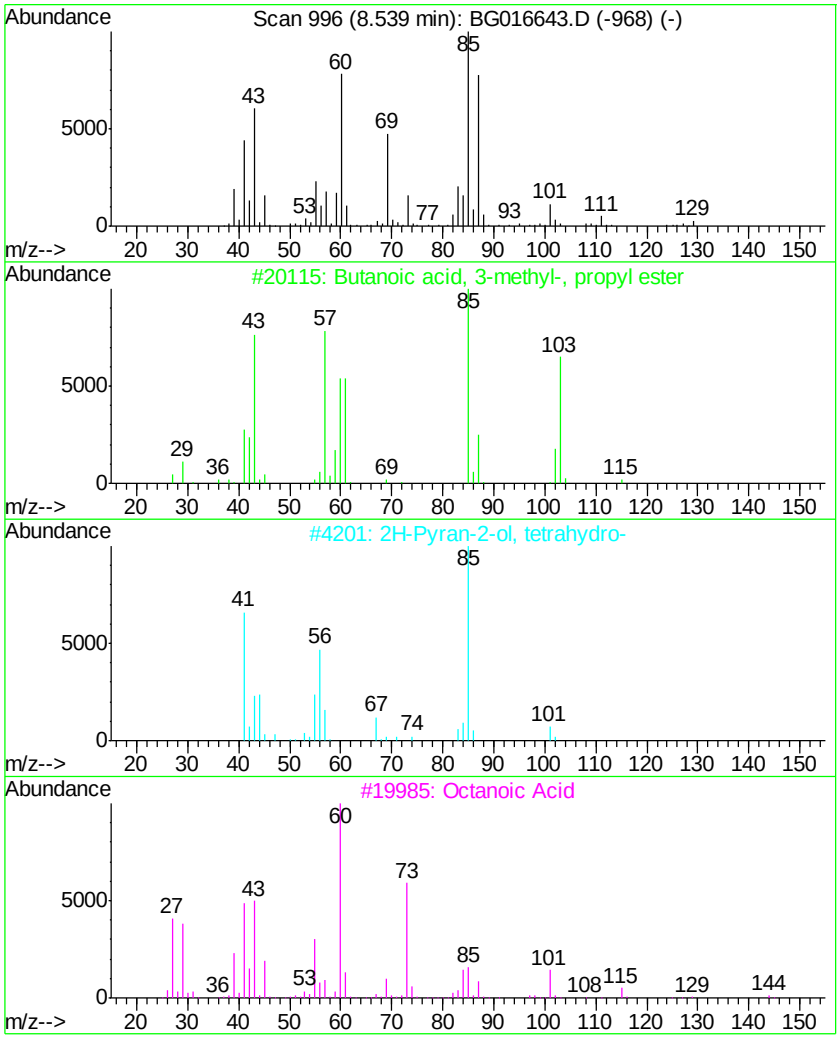
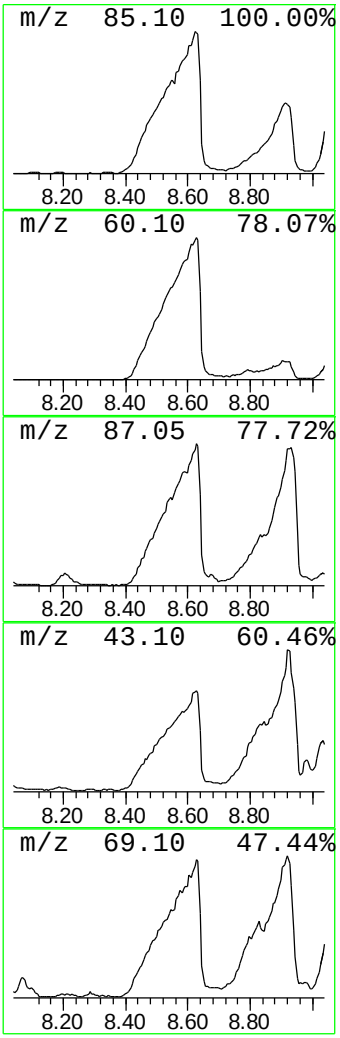
Peak Number 6 unknown8.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	121.85 ng	1802280	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-, propyl...	144	C8H16O2	000557-00-6	43
2	2H-Pyran-2-ol, tetrahydro-	102	C5H10O2	000694-54-2	18
3	Octanoic Acid	144	C8H16O2	000124-07-2	16
4	1-Bromo-8-tetrahydropyranyloxyoc...	292	C13H25BrO2	050816-20-1	14
5	3-Octanol, 3-ethyl-	158	C10H22O	002051-32-3	14





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016643.D
Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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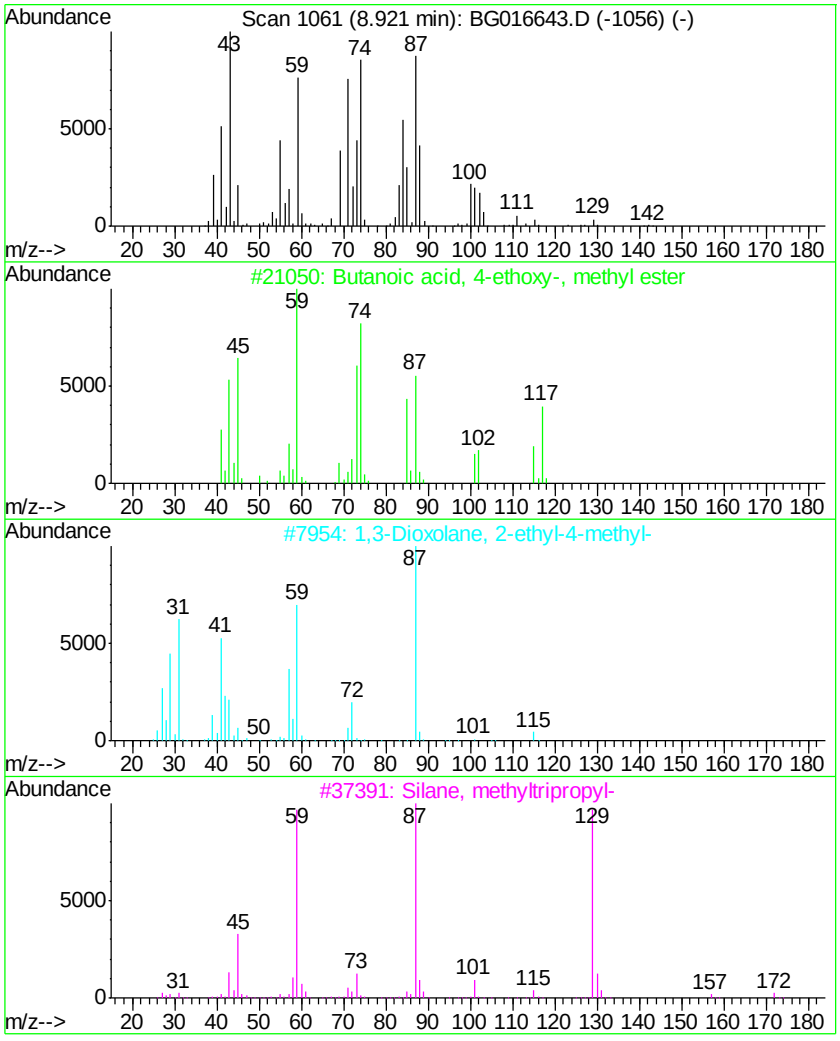
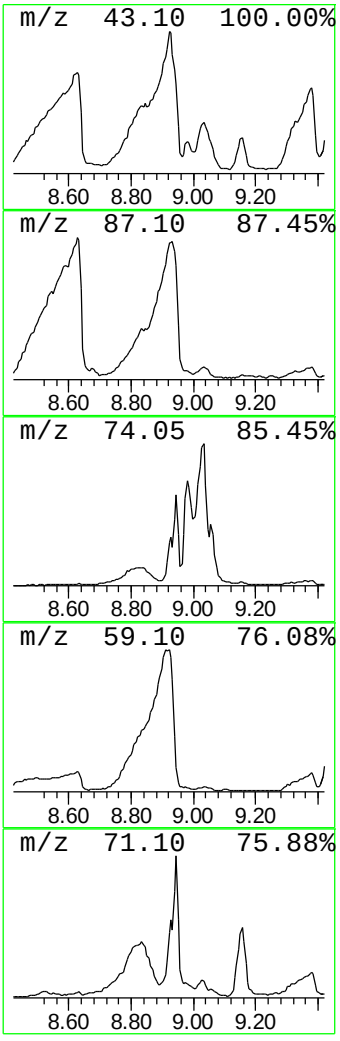
Peak Number 7 unknown8.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	125.73 ng	1859710	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 4-ethoxy-, methyl...	146	C7H14O3	029006-04-0	32
2	1,3-Dioxolane, 2-ethyl-4-methyl-	116	C6H12O2	004359-46-0	27
3	Silane, methyltripropyl-	172	C10H24Si	000995-24-4	22
4	Pentanoic acid, 4-methyl-, methy...	130	C7H14O2	002412-80-8	22
5	6-Ethoxy-6-methyl-2-cyclohexenone	154	C9H14O2	1000132-02-5	16





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016643.D
Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

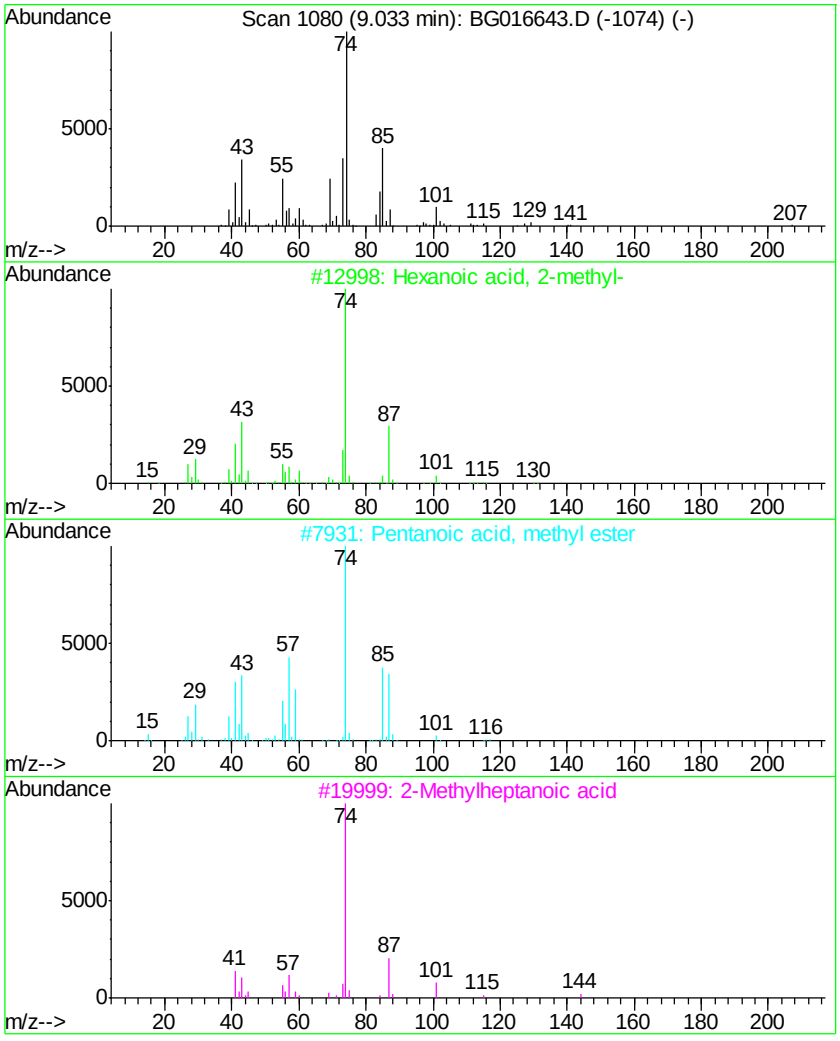
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

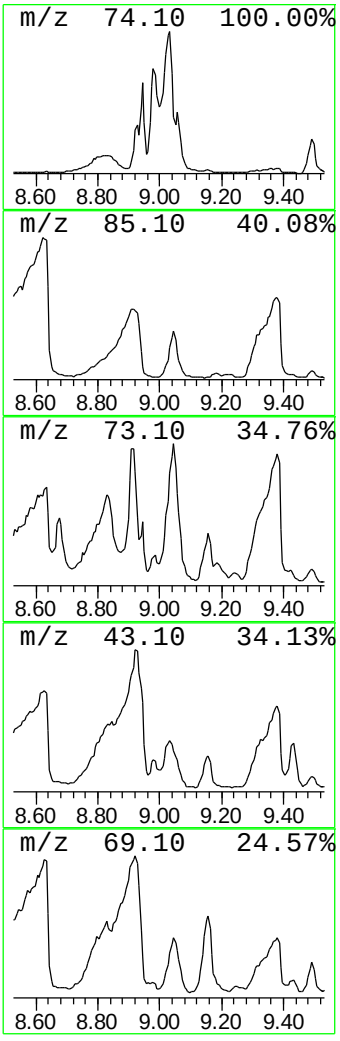
****

Peak Number 8 unknown9.03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	26.55 ng	799648	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	38
2	Pentanoic acid, methyl ester	116	C6H12O2	000624-24-8	33
3	2-Methylheptanoic acid	144	C8H16O2	001188-02-9	25
4	Dodecanoic acid, 2-methyl-	214	C13H26O2	002874-74-0	23
5	2,3,4-Trimethylpentanoic acid	144	C8H16O2	090435-18-0	23





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016643.D
Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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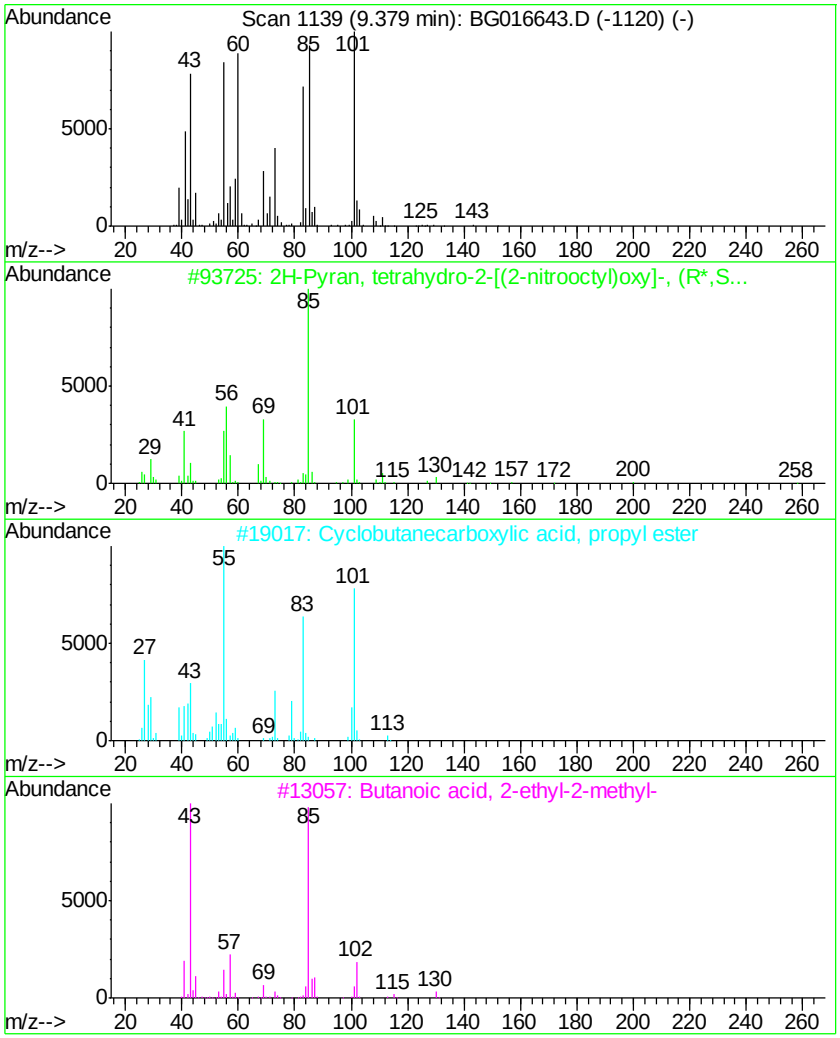
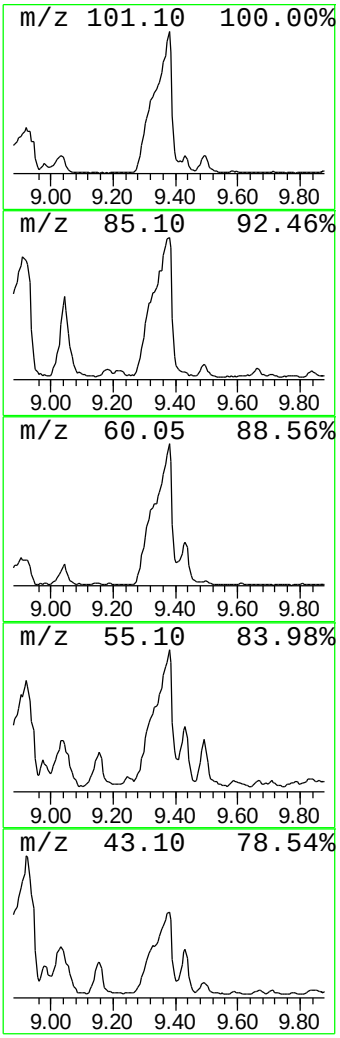
Peak Number 9 unknown9.38 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	56.50 ng	1701460	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-[(2-nitro...	259	C13H25NO4	096039-96-2	38
2	Cyclobutanecarboxylic acid, prop...	142	C8H14O2	1000280-40-0	38
3	Butanoic acid, 2-ethyl-2-methyl-	130	C7H14O2	019889-37-3	14
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	14
5	Hexanoic acid	116	C6H12O2	000142-62-1	14





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Data File : BG016643.D
Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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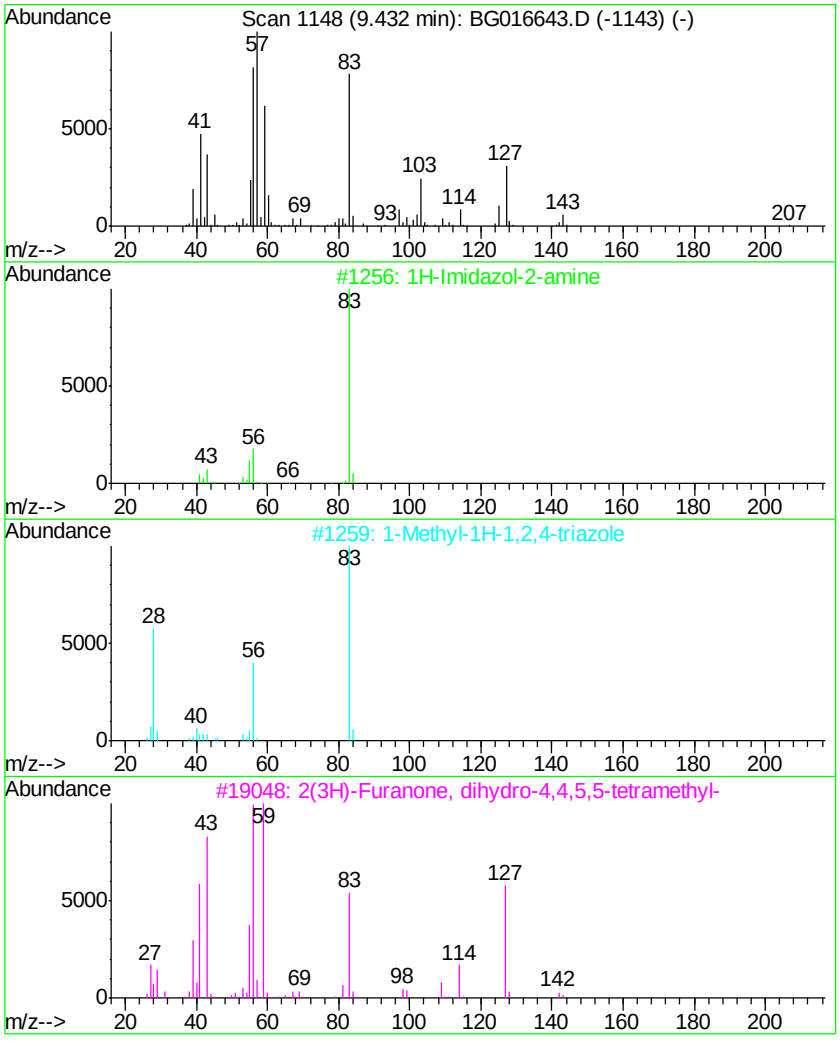
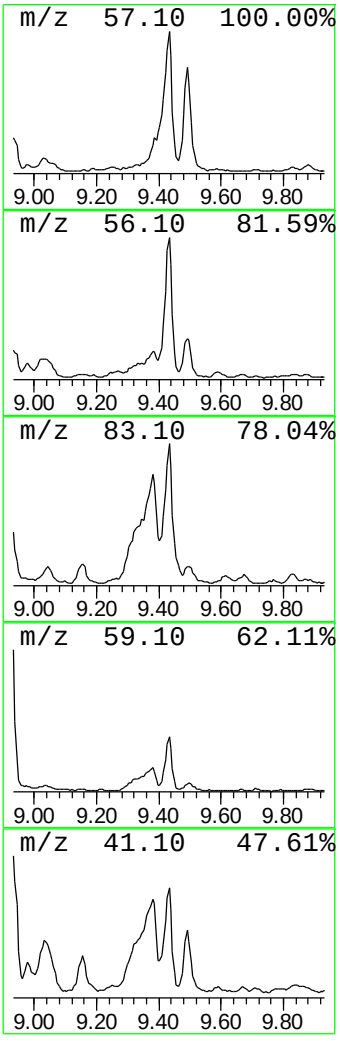
Peak Number 10 unknown9.43 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	19.74 ng	594603	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	43
2	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	43
3	2(3H)-Furanone, dihydro-4,4,5,5-...	142	C8H14O2	016466-24-3	38
4	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	37
5	2,2,5,5-Tetramethyltetrahydro-3-...	142	C8H14O2	005455-94-7	35





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Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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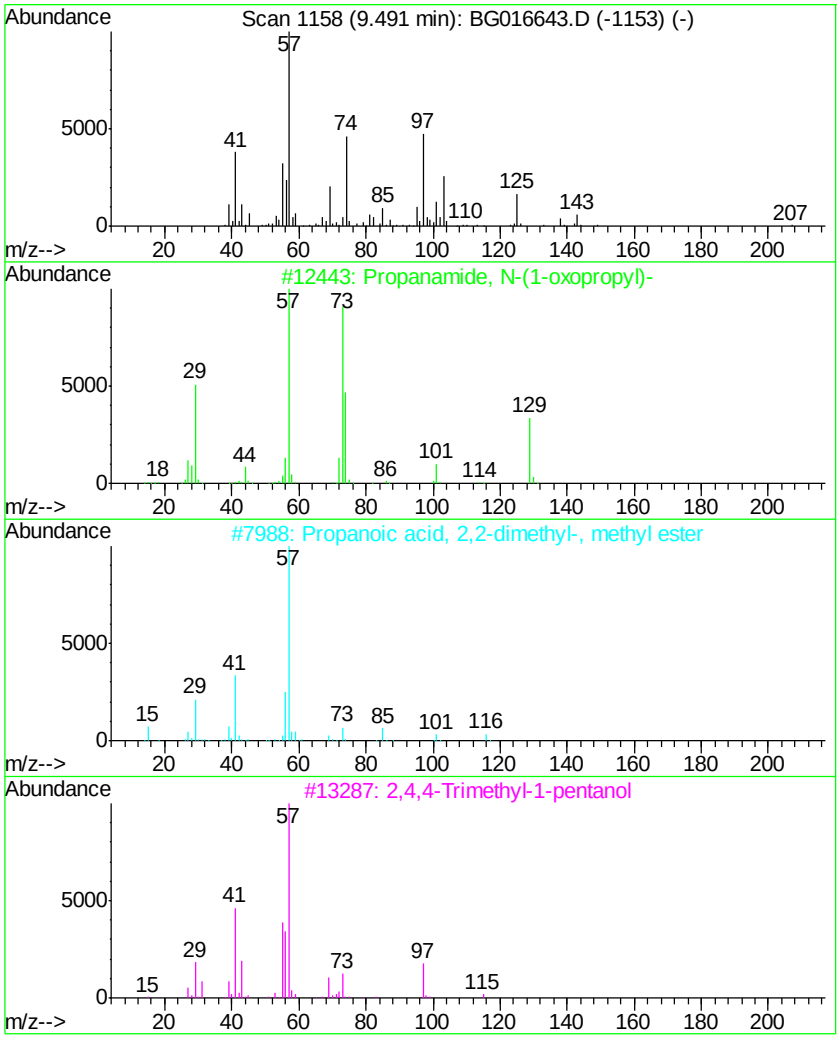
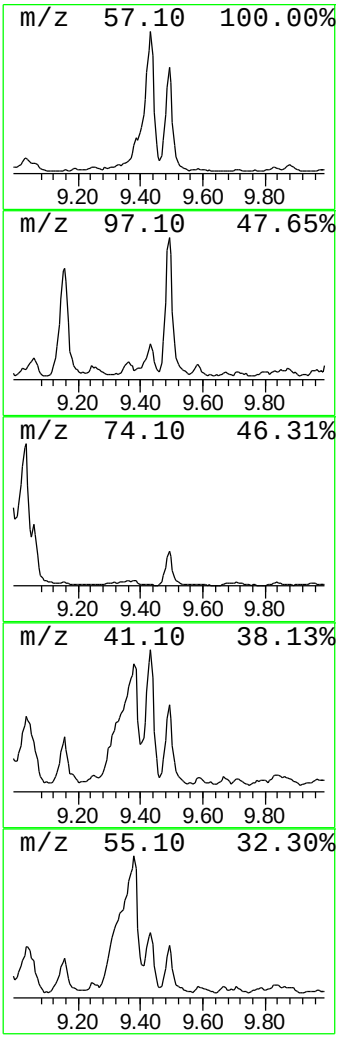
Peak Number 11 unknown9.49 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	14.11 ng	425030	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanamide, N-(1-oxopropyl)-	129	C6H11NO2	006050-26-6	12
2	Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	10
3	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	10
4	Pivalic acid, 2-methylpropyl ester	158	C9H18O2	005129-38-4	10
5	Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	10





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Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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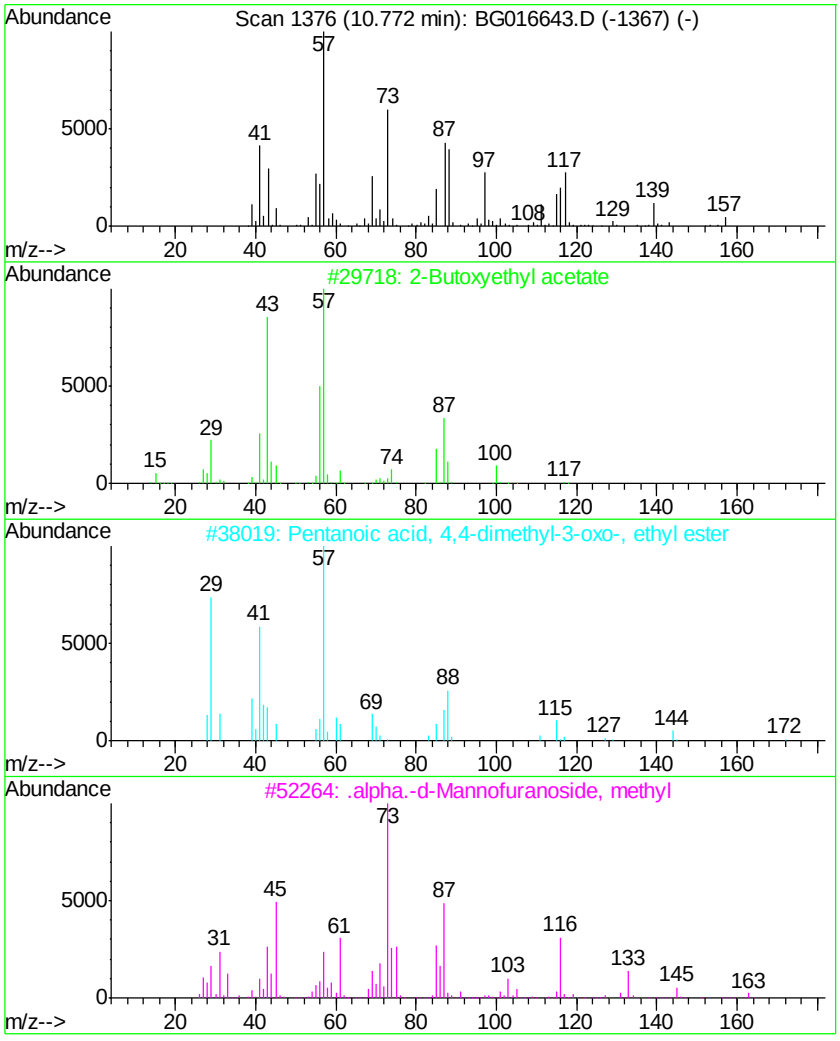
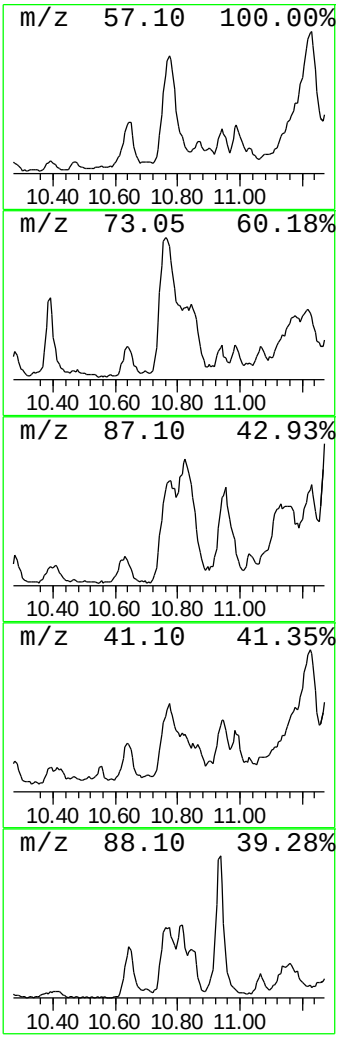
Peak Number 12 unknown10.77 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	23.84 ng	717888	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butoxyethyl acetate	160	C8H16O3	000112-07-2	17
2	Pentanoic acid, 4,4-dimethyl-3-o...	172	C9H16O3	017094-34-7	12
3	.alpha.-d-Mannofuranoside, methyl	194	C7H14O6	004097-91-0	12
4	Ethanol, 2-(2-butoxyethoxy)-, ac...	204	C10H20O4	000124-17-4	10
5	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	10





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Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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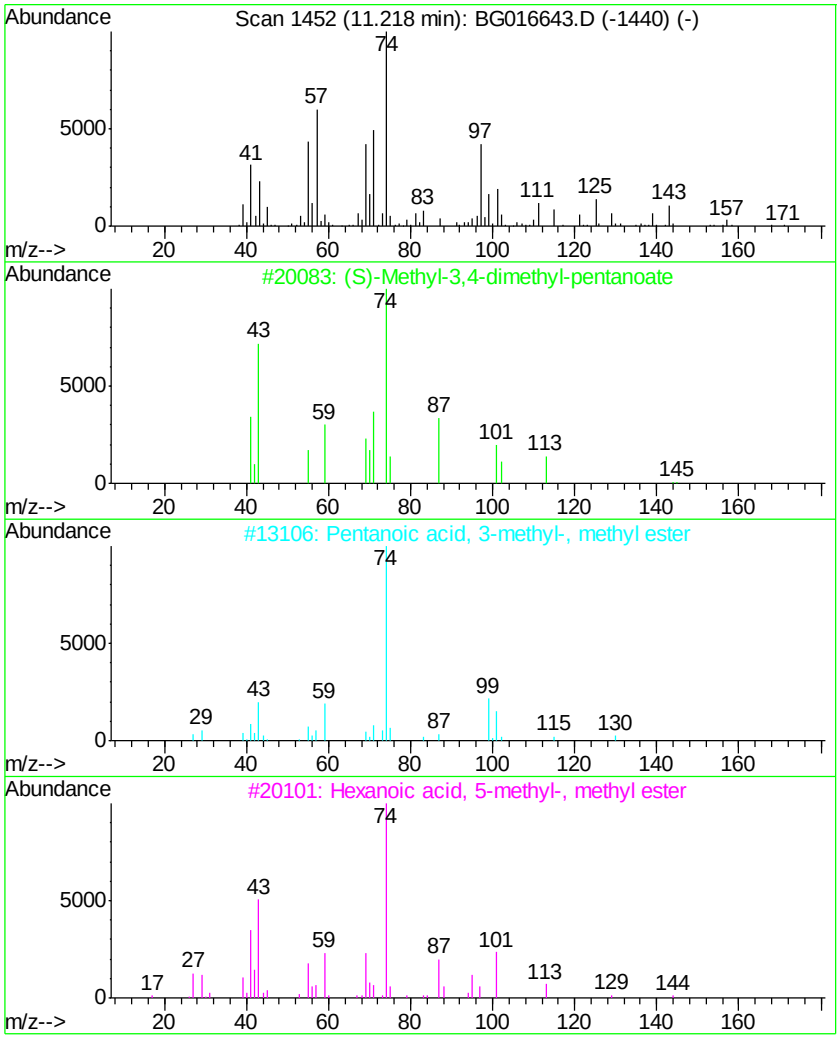
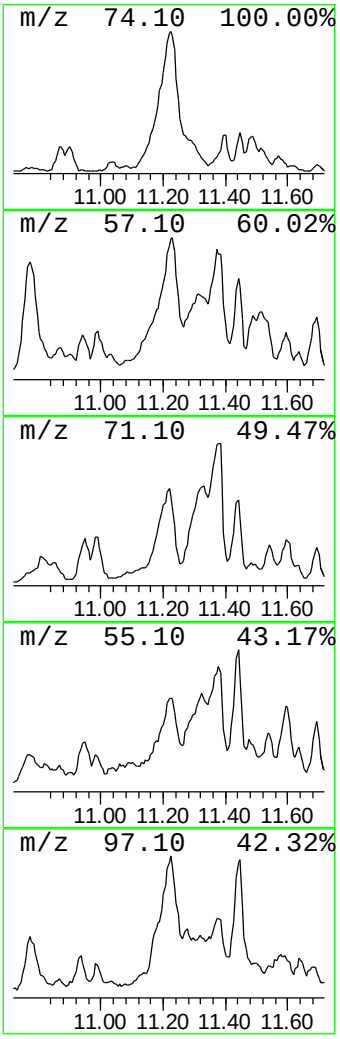
Peak Number 13 unknown11.22 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	35.67 ng	1074270	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-Methyl-3,4-dimethyl-pentanoate	144	C8H16O2	034897-33-1	38
2	Pentanoic acid, 3-methyl-, methy...	130	C7H14O2	002177-78-8	38
3	Hexanoic acid, 5-methyl-, methyl...	144	C8H16O2	002177-83-5	17
4	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	12
5	1,2,3,4-Tridecanetetrol, [2R-(2R...	248	C13H28O4	136953-03-2	12





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Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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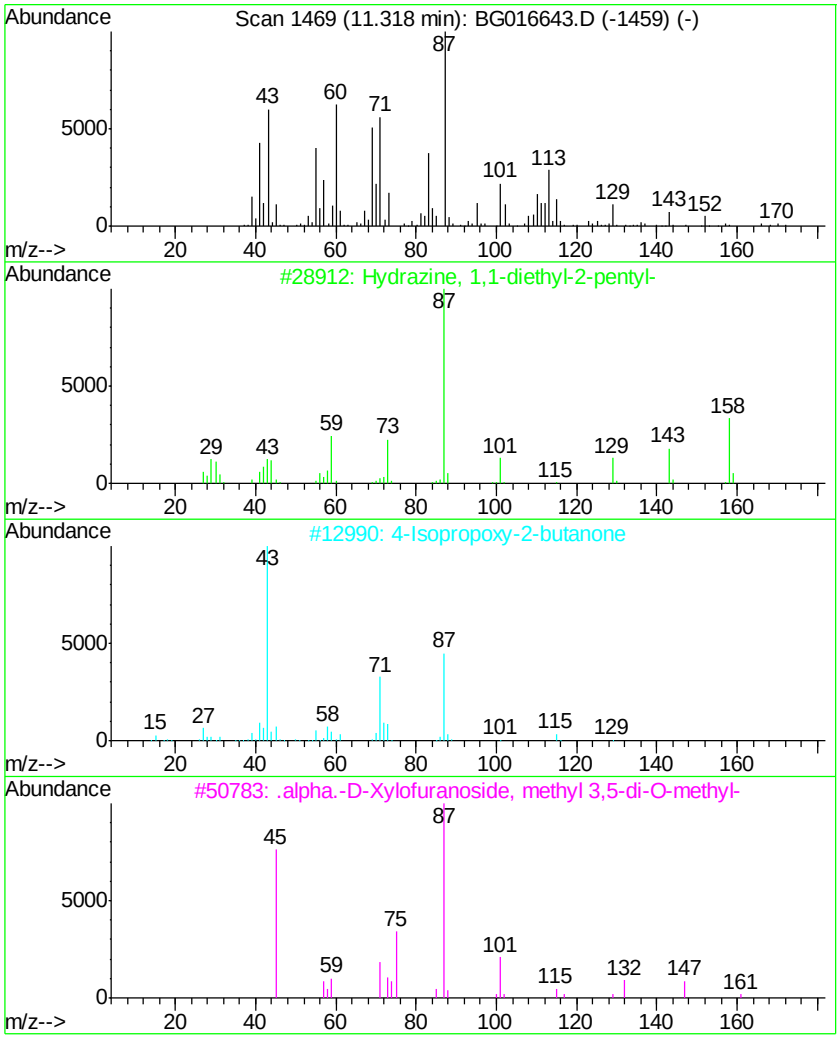
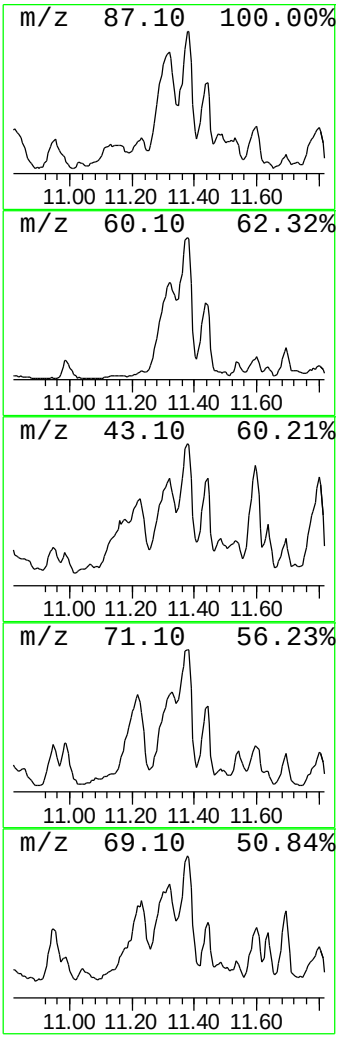
Peak Number 14 unknown11.32 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	45.83 ng	1380210	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-diethyl-2-pentyl-	158	C9H22N2	067398-41-8	38
2	4-Isopropoxy-2-butanone	130	C7H14O2	032541-58-5	35
3	.alpha.-D-Xylofuranoside, methyl...	192	C8H16O5	003253-83-6	35
4	Butanamide, N-ethyl-	115	C6H13NO	013091-16-2	30
5	2,3-Di-O-methyl-D-xylopyranose	178	C7H14O5	018186-26-0	27





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Acq On : 23 Apr 2015 7:15
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Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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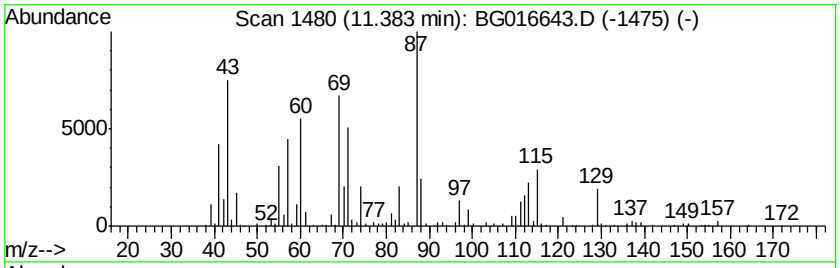
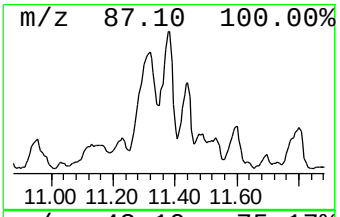
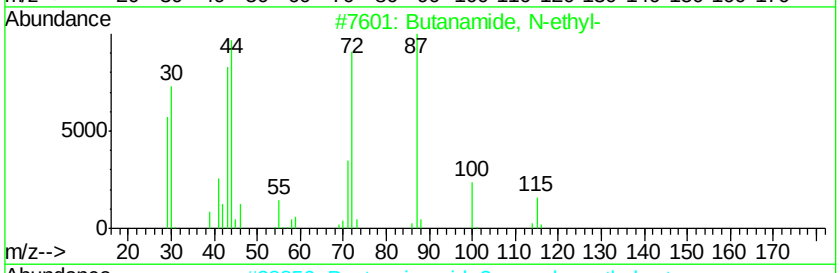
Peak Number 15 unknown11.38 Concentration Rank 8

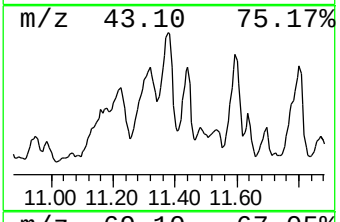
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	37.97 ng	1143410	Naphthalene-d8	10.42

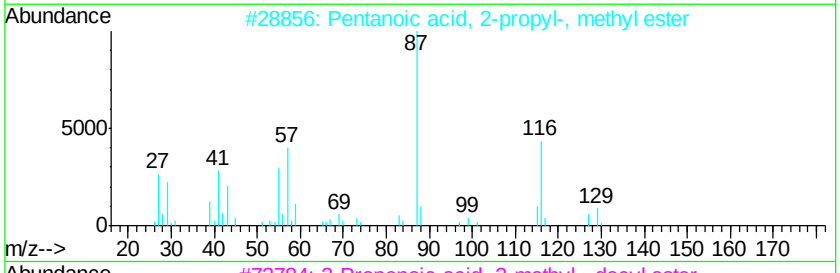
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, N-ethyl-	115	C6H13NO	013091-16-2	25
2	Pentanoic acid, 2-propyl-, methy...	158	C9H18O2	022632-59-3	14
3	2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	12
4	1,3-Dioxolane-2-propanal, 2-methyl-	144	C7H12O3	024108-29-0	12
5	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	12

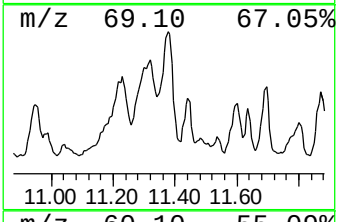


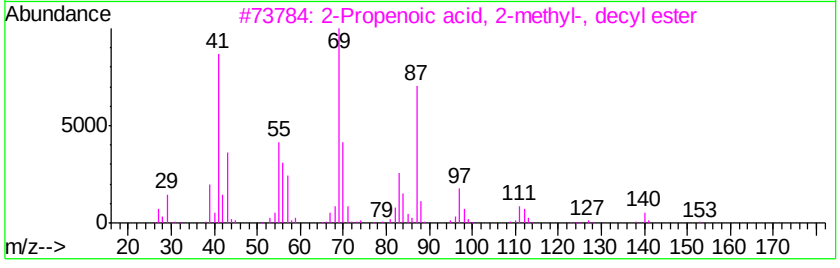


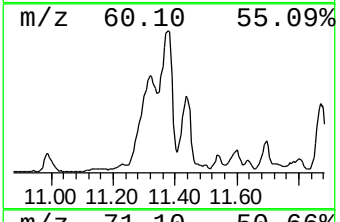


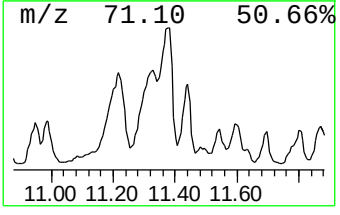












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Data File : BG016643.D
Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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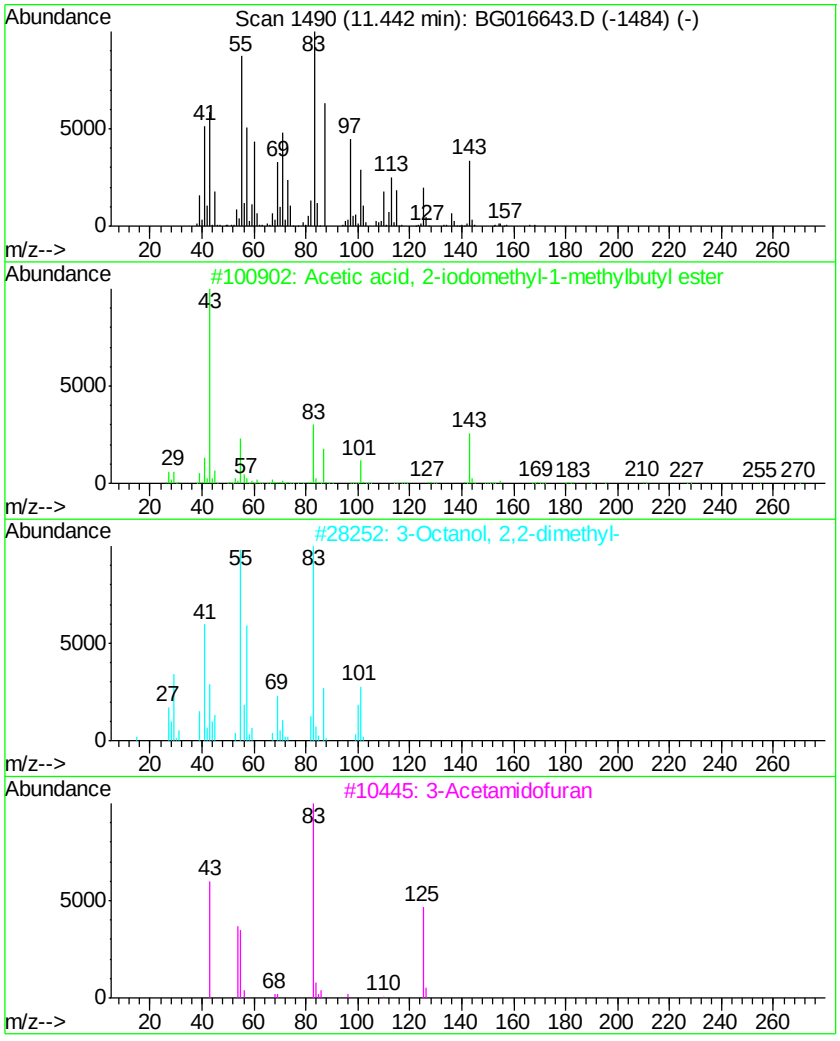
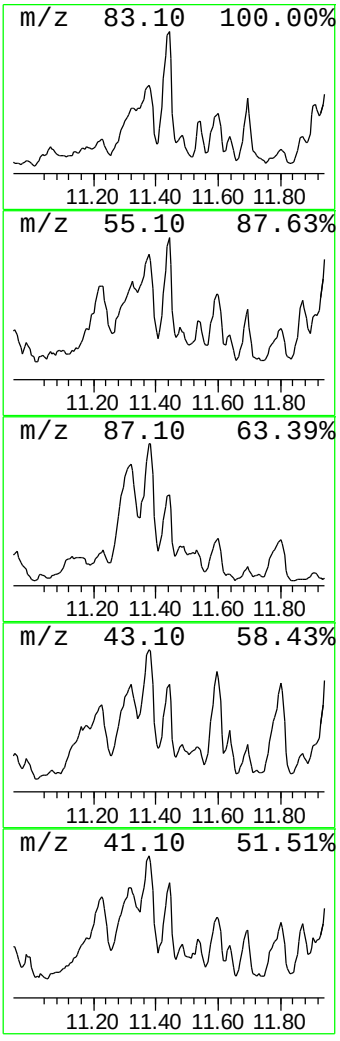
Peak Number 16 unknown11.44 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	26.63 ng	801879	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-iodomethyl-1-meth...	270	C8H15IO2	1000190-11-1	35
2	3-Octanol, 2,2-dimethyl-	158	C10H22O	019841-72-6	22
3	3-Acetamidofuran	125	C6H7NO2	059445-85-1	18
4	Bis(2-ethylhexyl) hydrogen phosp...	306	C16H35O3P	003658-48-8	16
5	4-Methyl-5-decanol	172	C11H24O	213547-15-0	14





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Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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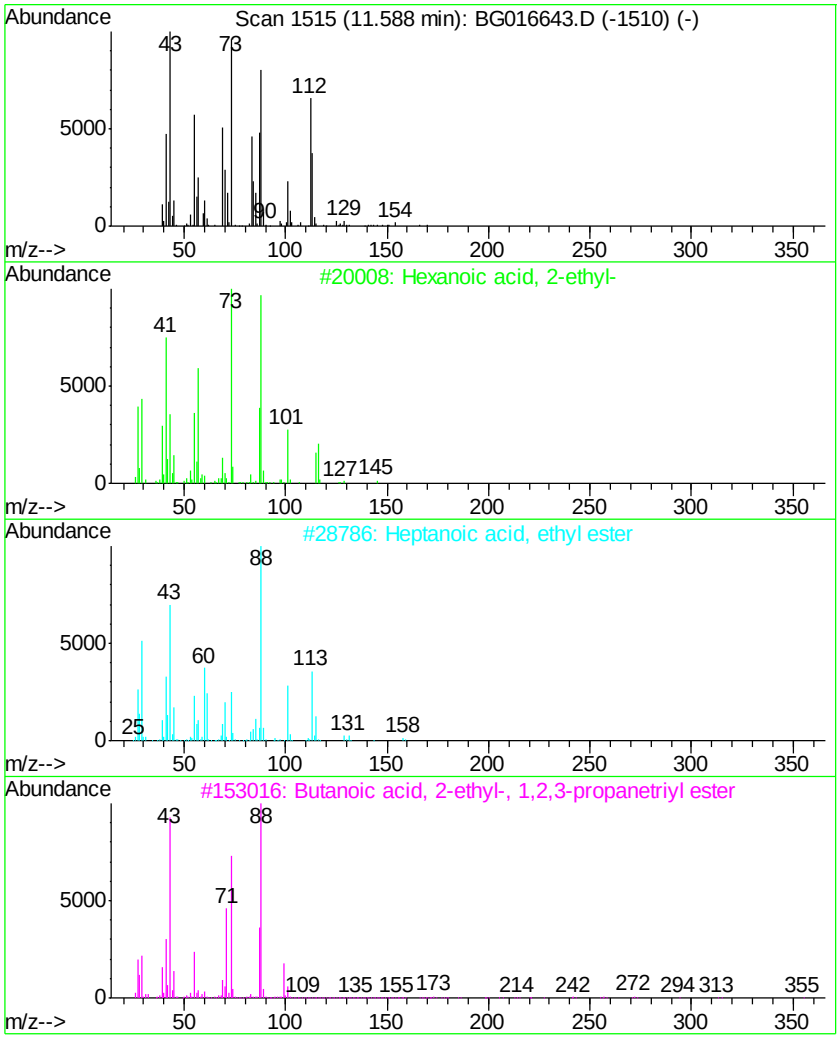
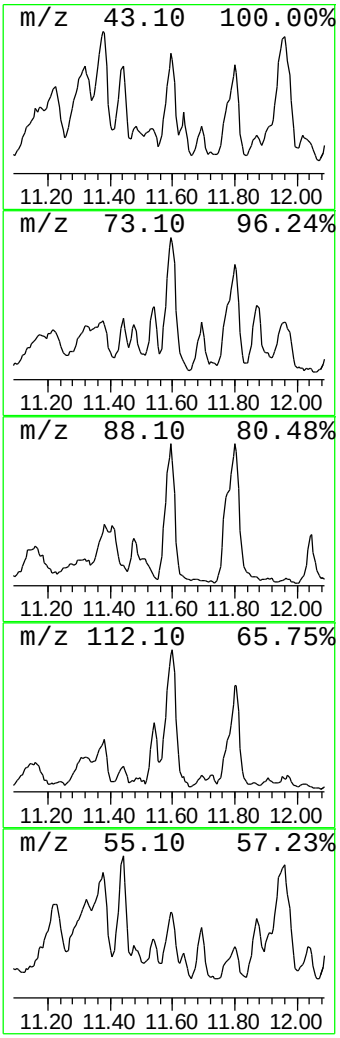
Peak Number 17 unknown11.59 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	18.76 ng	565059	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	38
2	Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	32
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	27
4	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	27
5	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	22





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Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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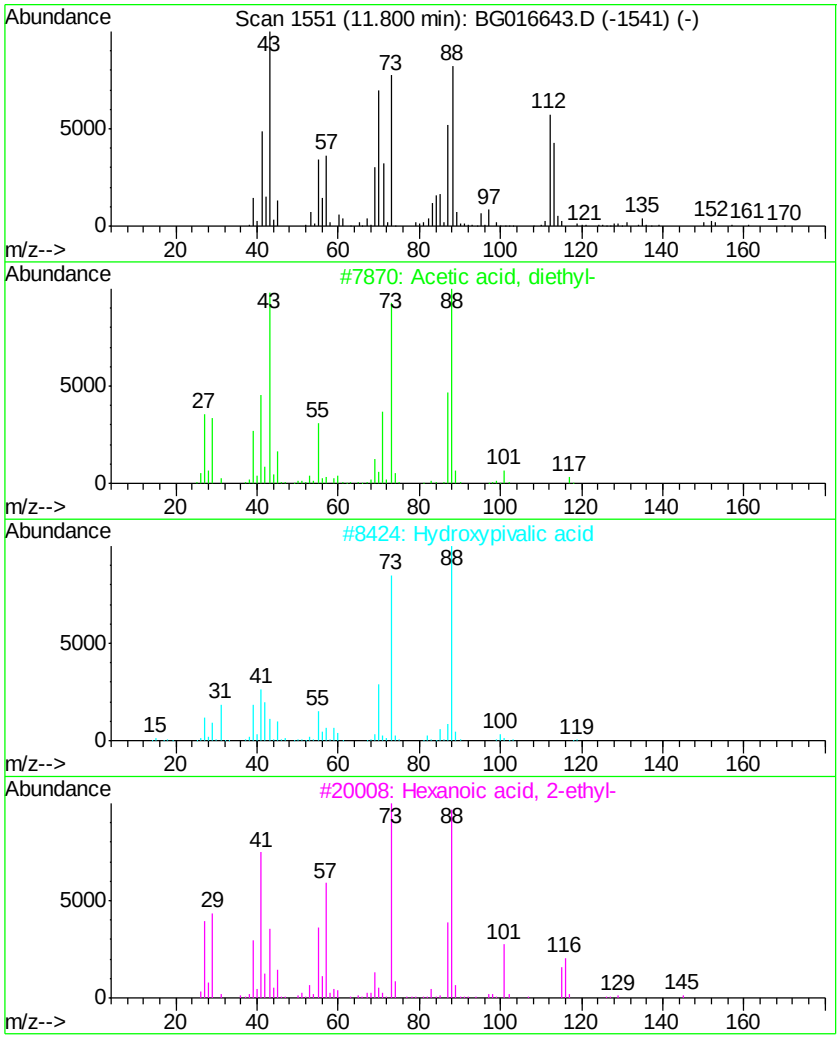
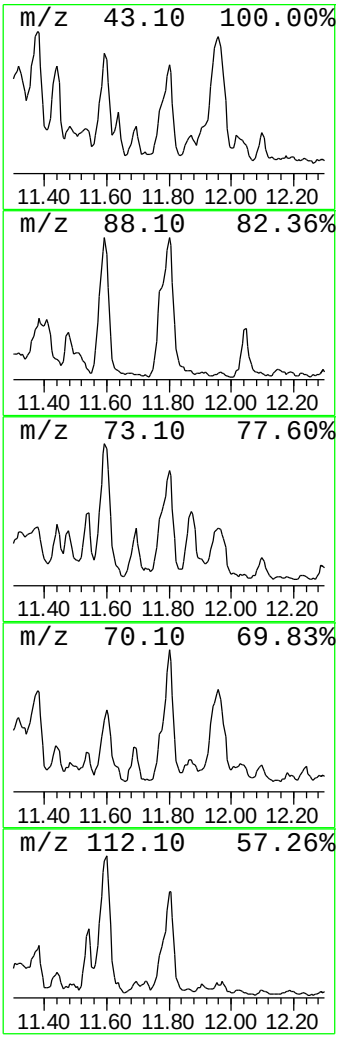
Peak Number 18 unknown11.80 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	20.92 ng	630038	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	38
2	Hydroxypivalic acid	118	C5H10O3	004835-90-9	27
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	27
4	Pyrrolidine, 1-acetyl-	113	C6H11NO	004030-18-6	25
5	Piperidine, 1,3-dimethyl-	113	C7H15N	000695-35-2	22





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Sample : G1976-06
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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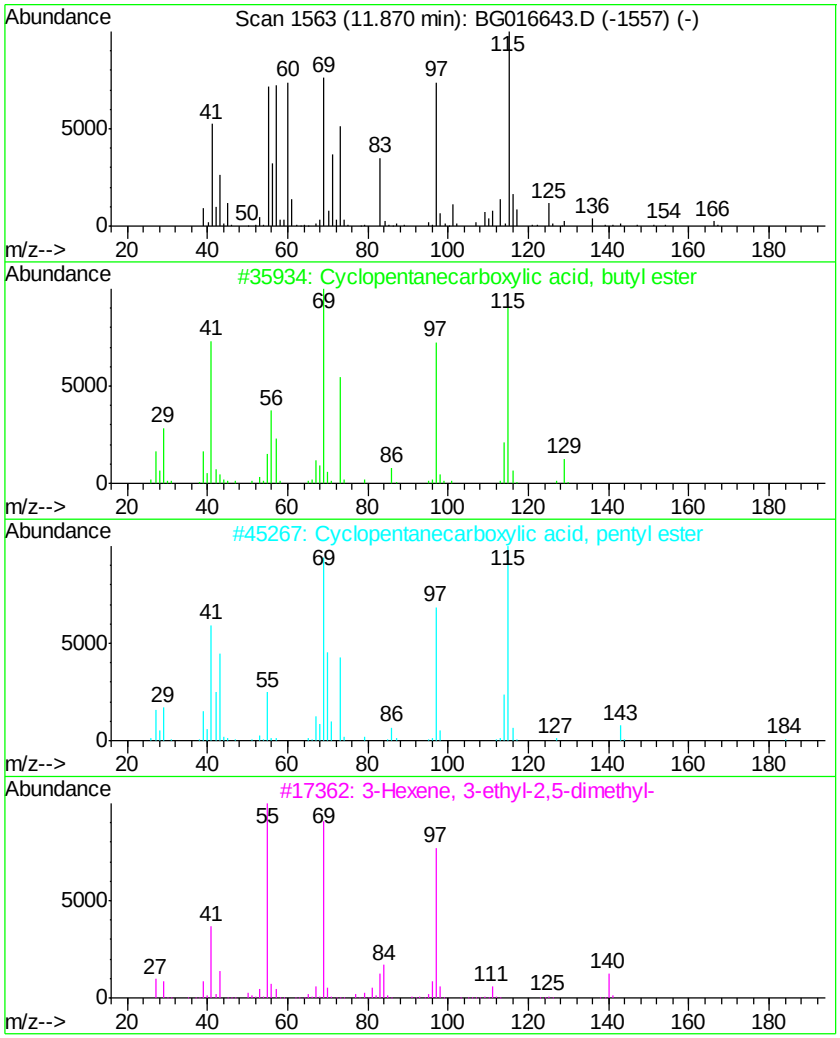
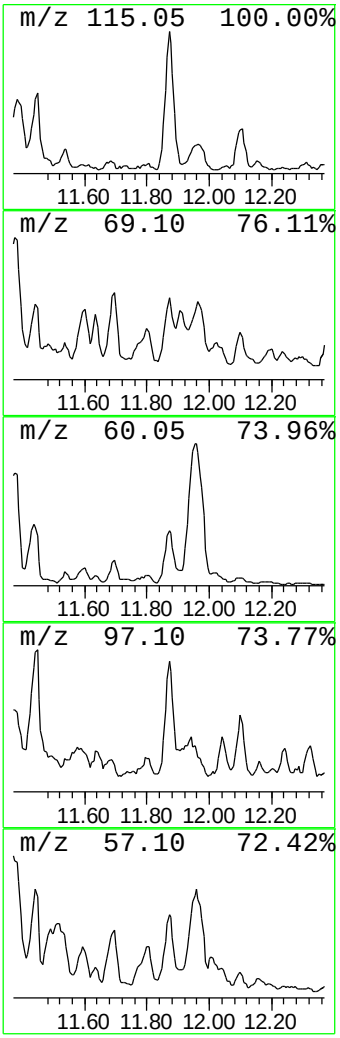
Peak Number 19 Cyclopentanecarboxylic acid... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	14.23 ng	428561	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, but...	170	C10H18O2	099978-03-7	50
2	Cyclopentanecarboxylic acid, pen...	184	C11H20O2	1000280-45-7	40
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	16
4	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	16
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016643.D
Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

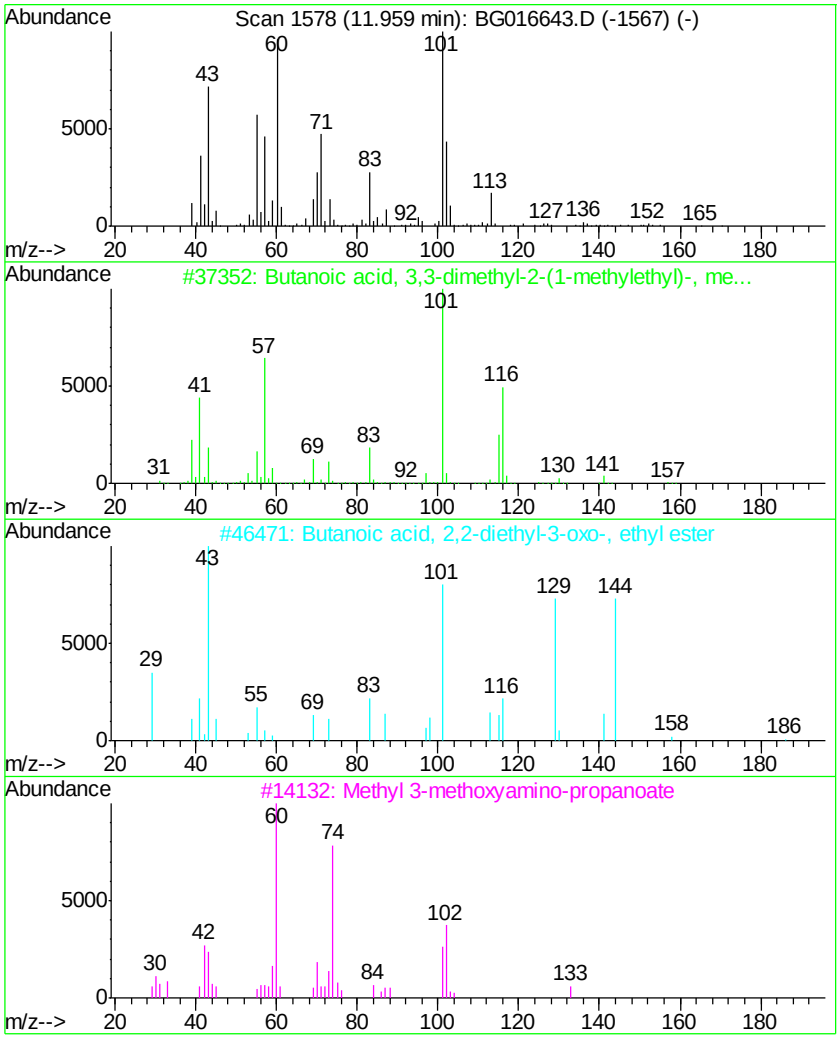
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

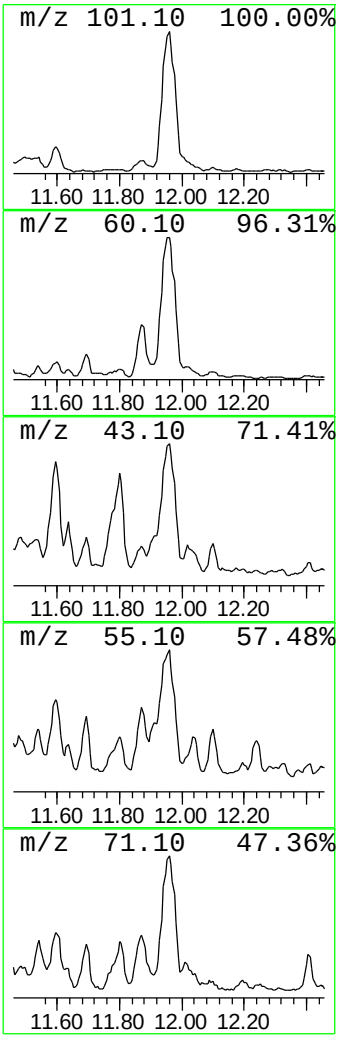
****

Peak Number 20 unknown11.96 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	52.46 ng	1579870	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3,3-dimethyl-2-(1...	172	C10H20O2	054461-01-7	22
2	Butanoic acid, 2,2-diethyl-3-oxo...	186	C10H18O3	001619-57-4	22
3	Methyl 3-methoxyamino-propanoate	133	C5H11NO3	078191-05-6	17
4	L-Galactose, 6-deoxy-	164	C6H12O5	002438-80-4	12
5	Piperidin-2-one-5-carboxylic aci...	157	C7H11NO3	1000126-99-4	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042215\
Data File : BG016643.D
Acq On : 23 Apr 2015 7:15
Operator : TP/IZ
Sample : G1976-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0439

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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...	2.80	37.3	ng	552186	1	7.63	295818	20.0
unknown7.18	7.18	89.7	ng	1326480	1	7.63	295818	20.0
unknown8.54	8.54	121.8	ng	1802280	1	7.63	295818	20.0
unknown8.92	8.92	125.7	ng	1859710	1	7.63	295818	20.0
unknown9.03	9.03	26.6	ng	799648	2	10.42	602341	20.0
unknown9.38	9.38	56.5	ng	1701460	2	10.42	602341	20.0
unknown9.43	9.43	19.7	ng	594603	2	10.42	602341	20.0
unknown9.49	9.49	14.1	ng	425030	2	10.42	602341	20.0
unknown10.77	10.77	23.8	ng	717888	2	10.42	602341	20.0
unknown11.22	11.22	35.7	ng	1074270	2	10.42	602341	20.0
unknown11.32	11.32	45.8	ng	1380210	2	10.42	602341	20.0
unknown11.38	11.38	38.0	ng	1143410	2	10.42	602341	20.0
unknown11.44	11.44	26.6	ng	801879	2	10.42	602341	20.0
unknown11.59	11.59	18.8	ng	565059	2	10.42	602341	20.0
unknown11.80	11.80	20.9	ng	630038	2	10.42	602341	20.0
Cyclopentanecarbo...	11.87	14.2	ng	428561	2	10.42	602341	20.0
unknown11.96	11.96	52.5	ng	1579870	2	10.42	602341	20.0