LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022629.D
Acq On : 27 Jun 2016 4:04
Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

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-BG062516.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	5.241	404	409	418	rVB2	113185	174314	1.40%	0.205%
2	5.711	482	489	496	rBV	1424163	2392874	19.23%	2.817%
3	6.216	567	575	581	rVB	208930	362428	2.91%	0.427%
4	7.309	754	761	774	rVB	1053302	1820081	14.63%	2.143%
5	7.691	817	826	834	rBV	2455394	4363608	35.07%	5.137%
6	8.161	894	906	913	rBV	608968	1103257	8.87%	1.299%
7	8.490	952	962	968	rBV	2116434	3762296	30.24%	4.429%
8	8.543	968	971	976	rVB2	165517	245910	1.98%	0.289%
9	8.648	984	989	995	rVB2	99374	163555	1.31%	0.193%
10	8.860	1020	1025	1034	rVB6	81099	162673	1.31%	0.192%
11	9.095	1060	1065	1072	rVB5	70260	130274	1.05%	0.153%
12	9.271	1088	1095	1100	rBV2	307270	544541	4.38%	0.641%
13	9.336	1100	1106	1116	rVB	1932479	3690532	29.66%	4.345%
14	9.512	1128	1136	1142	rBV9	54146	147511	1.19%	0.174%
15	9.606	1148	1152	1162	rBV8	71618	173620	1.40%	0.204%
16	9.800	1179	1185	1191	rVB	253728	399357	3.21%	0.470%
17	10.170	1241	1248	1254	rBV5	97120	258402	2.08%	0.304%
18	10.376	1277	1283	1290	rVB2	367332	646078	5.19%	0.761%
19	10.558	1304	1314	1318	rBV7	71255	156918	1.26%	0.185%
20	10.675	1328	1334	1339	rBV3	108781	204350	1.64%	0.241%
21	10.834	1356	1361	1369	rBV3	59727	188092	1.51%	0.221%
22	10.987	1376	1387	1393	rBV	828052	1781273	14.32%	2.097%
23	11.093	1400	1405	1416	rVB5	126725	268871	2.16%	0.317%
24	11.357	1445	1450	1455	rBV8	72257	143010	1.15%	0.168%
25	11.563	1480	1485	1490	rBV8	85162	181320	1.46%	0.213%
26	11.892	1534	1541	1547	rVB7	91207	198982	1.60%	0.234%
27	12.174	1583	1589	1595	rBV10	61492	135182	1.09%	0.159%
28	12.356	1616	1620	1625	rBV3	107333	176282	1.42%	0.208%
29	12.520	1644	1648	1654	rVB4	132376	208482	1.68%	0.245%
30	12.597	1654	1661	1663	rBV7	74905	165444	1.33%	0.195%
31	12.632	1663	1667	1673	rVB	179088	315319	2.53%	0.371%
32	12.779	1688	1692	1696	rBV5	104099	187625	1.51%	0.221%
33	12.849	1699	1704	1713	rVB	631984	1191840	9.58%	1.403%
34	13.284	1771	1778	1782	rBV5	190990	391418	3.15%	0.461%

LSC Area Percent Report

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Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

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-BG062516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.419	1795	1801	1808	rVB	4848725	7543499	60.63%	8.880%
36	13.584	1824	1829	1831	rBV5	123195	177135	1.42%	0.209%
37	13.913	1881	1885	1889	rBV5	113177	198070	1.59%	0.233%
38	13.966	1889	1894	1898	rBV8	184952	316813	2.55%	0.373%
39	14.019	1898	1903	1907	rVB2	420249	663967	5.34%	0.782%
40	14.095	1911	1916	1918	rBV4	191649	309772	2.49%	0.365%
41	14.177	1926	1930	1937	rVB10	107434	206522	1.66%	0.243%
42	14.348	1956	1959	1964	rBV3	111378	171947	1.38%	0.202%
43	14.418	1967	1971	1977	rVB3	398306	648108	5.21%	0.763%
44	14.577	1993	1998	2000	rBV2	507135	760589	6.11%	0.895%
45	14.712	2017	2021	2026	rBV5	116083	164116	1.32%	0.193%
46	14.800	2026	2036	2041	rBV3	1449065	3222281	25.90%	3.793%
47	14.947	2056	2061	2062	rBV2	277951	370780	2.98%	0.436%
48	14.976	2063	2066	2072	rVV3	660987	1296119	10.42%	1.526%
49	15.023	2072	2074	2083	rVB3	190562	356358	2.86%	0.420%
50	15.252	2109	2113	2116	rBV4	227719	362003	2.91%	0.426%
51	15.370	2129	2133	2137	rBV	436121	619220	4.98%	0.729%
52	15.423	2137	2142	2151	rVB7	546712	1200988	9.65%	1.414%
53	15.570	2163	2167	2170	rBV6	114590	165447	1.33%	0.195%
54	15.611	2170	2174	2178	rVB4	236411	337781	2.71%	0.398%
55	15.675	2178	2185	2188	rBV4	944907	2035466	16.36%	2.396%
56	15.893	2218	2222	2226	rBV5	221898	295603	2.38%	0.348%
57	16.057	2245	2250	2255	rBV	507291	786159	6.32%	0.925%
58	16.157	2262	2267	2274	rVB3	355376	893465	7.18%	1.052%
59	16.216	2274	2277	2282	rVB5	212268	299710	2.41%	0.353%
60	16.287	2282	2289	2293	rBV	5294947	8437095	67.81%	9.932%
61	16.410	2306	2310	2311	rBV	384420	439838	3.54%	0.518%
62	16.533	2328	2331	2340	rVB5	183549	298989	2.40%	0.352%
63	16.851	2381	2385	2392	rBV7	166711	358115	2.88%	0.422%
64	16.956	2397	2403	2410	rVV10	136814	317238	2.55%	0.373%
65	17.279	2455	2458	2465	rVB9	81861	127965	1.03%	0.151%
66	17.550	2496	2504	2509	rBV2	1950534	3411041	27.42%	4.016%
67	17.902	2561	2564	2570	rVB	127121	203834	1.64%	0.240%
68	18.308	2629	2633	2635	rBV5	97091	130979	1.05%	0.154%
69	18.425	2649	2653	2657	rVB2	349040	427785	3.44%	0.504%
70	19.688	2865	2868	2874	rBV3	361913	457914	3.68%	0.539%
71	19.794	2883	2886	2890	rBV	206604	260392	2.09%	0.307%

LSC Area Percent Report

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Data File : BG022629.D
Acq On : 27 Jun 2016 4:04
Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

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-BG062516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.835	2890	2893	2899	rVB	324399	403930	3.25%	0.476%
73	20.158	2941	2948	2954	rBV	9097814	12441914	100.00%	14.647%
74	20.875	3067	3070	3076	rVB2	214964	247050	1.99%	0.291%
75	21.310	3141	3144	3149	rVB4	102384	146041	1.17%	0.172%
76	21.463	3167	3170	3175	rVB7	131073	183889	1.48%	0.216%
77	21.845	3229	3235	3243	rVB2	2116601	3478782	27.96%	4.095%
78	25.211	3798	3808	3820	rVB	1081048	3334888	26.80%	3.926%

Sum of corrected areas: 84945316

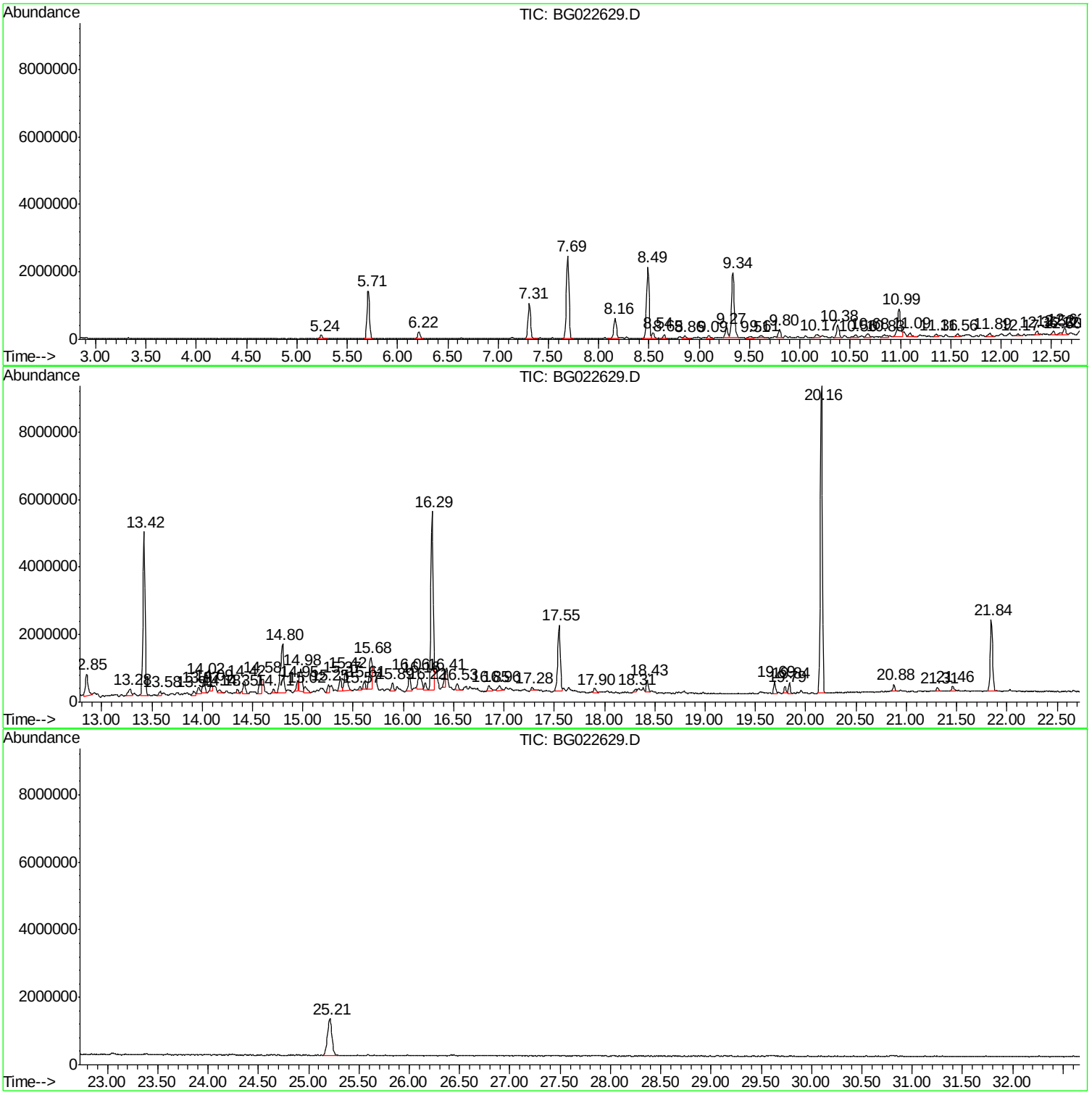
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022629.D
Acq On : 27 Jun 2016 4:04
Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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\BG062616\
Data File : BG022629.D
Acq On : 27 Jun 2016 4:04
Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

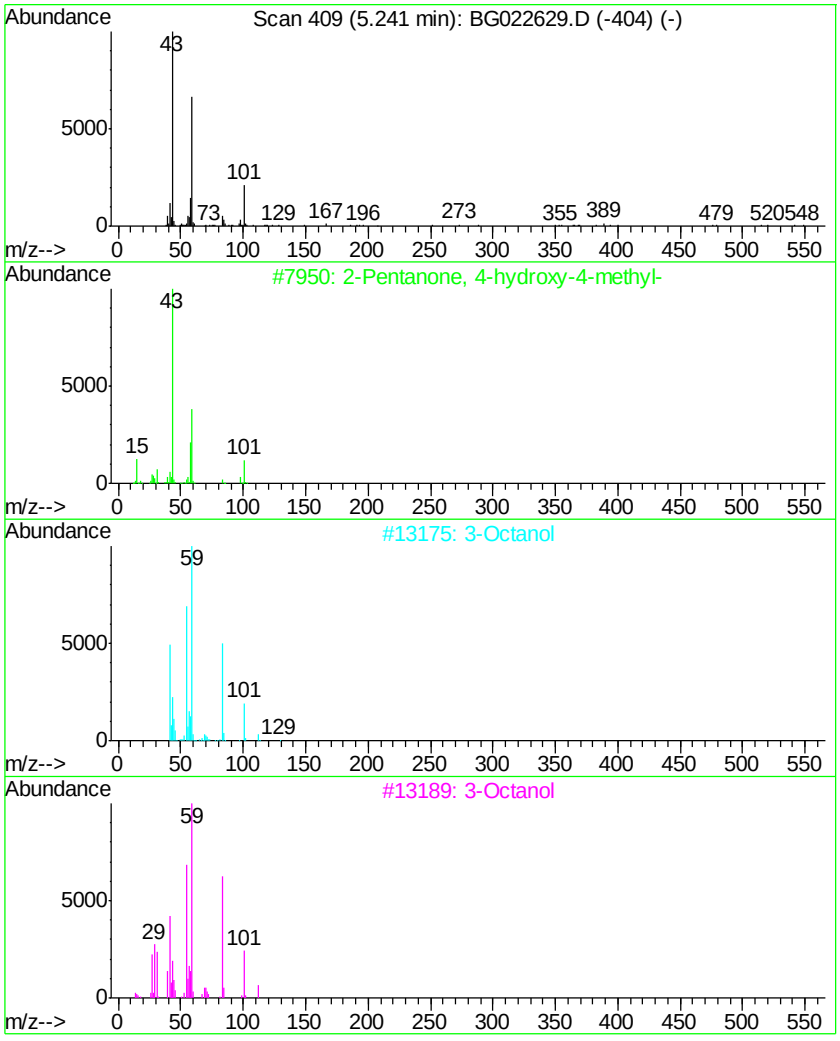
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

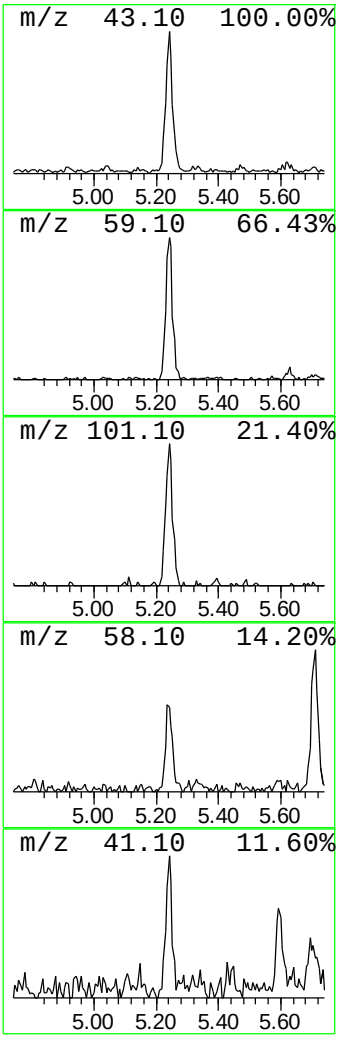
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	3.16 ng	174314	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	3-Octanol	130	C8H18O	020296-29-1	33
3	3-Octanol	130	C8H18O	000589-98-0	33
4	3-Hexanol	102	C6H14O	000623-37-0	25
5	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022629.D
Acq On : 27 Jun 2016 4:04
Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

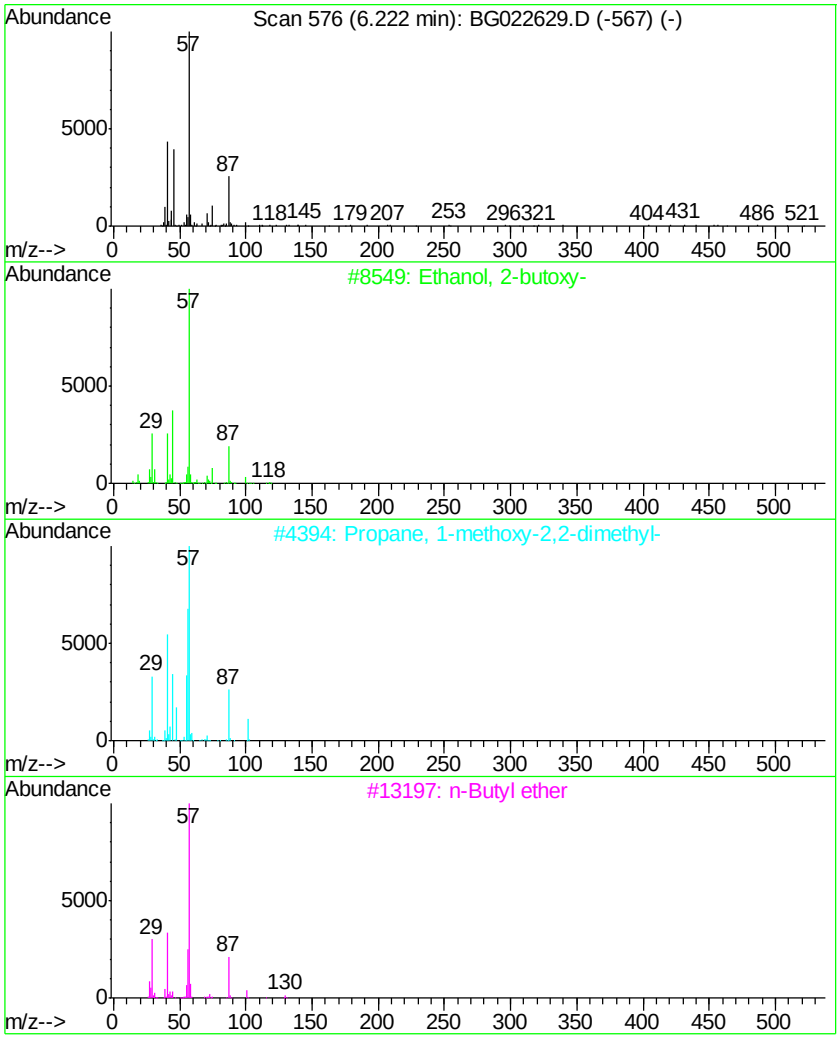
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

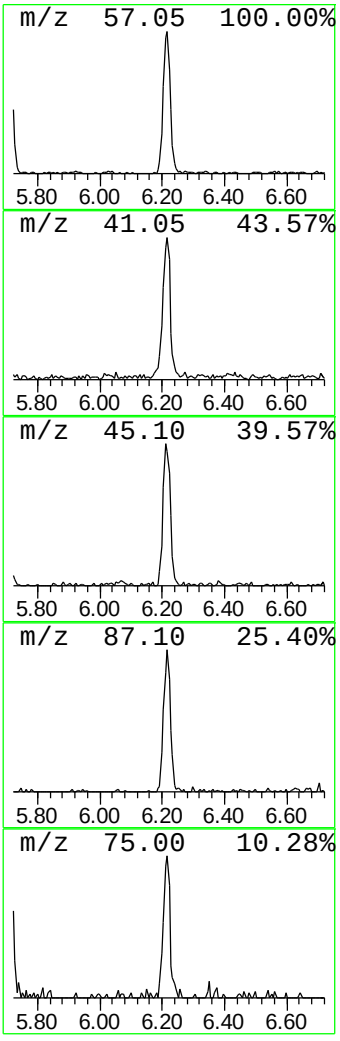
****

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	6.57 ng	362428	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	72
2	Propane, 1-methoxy-2,2-dimethyl-	102	C6H14O	001118-00-9	40
3	n-Butyl ether	130	C8H18O	000142-96-1	17
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	16
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022629.D
Acq On : 27 Jun 2016 4:04
Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

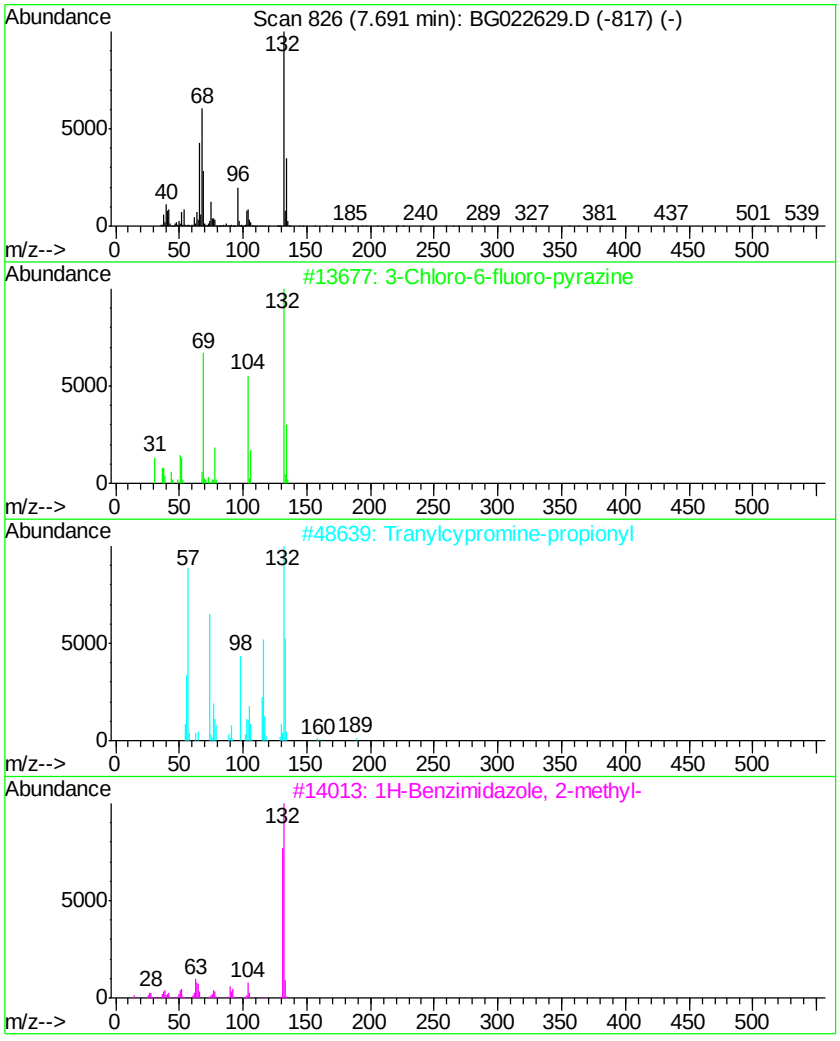
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

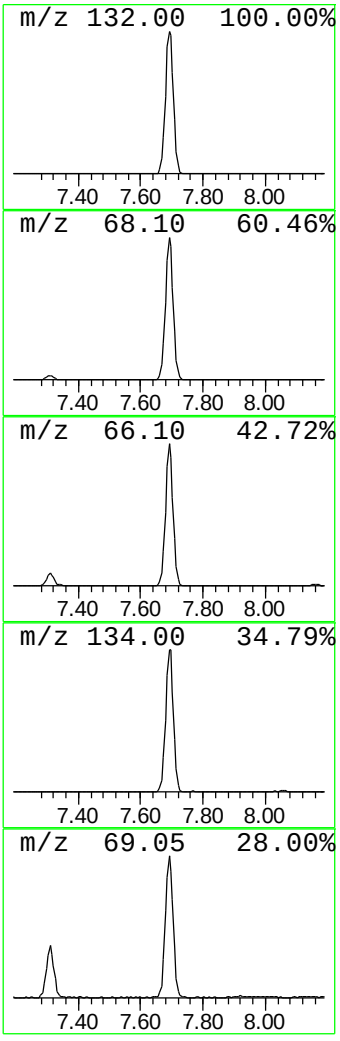
****

Peak Number 3 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	79.10 ng	4363610	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022629.D
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Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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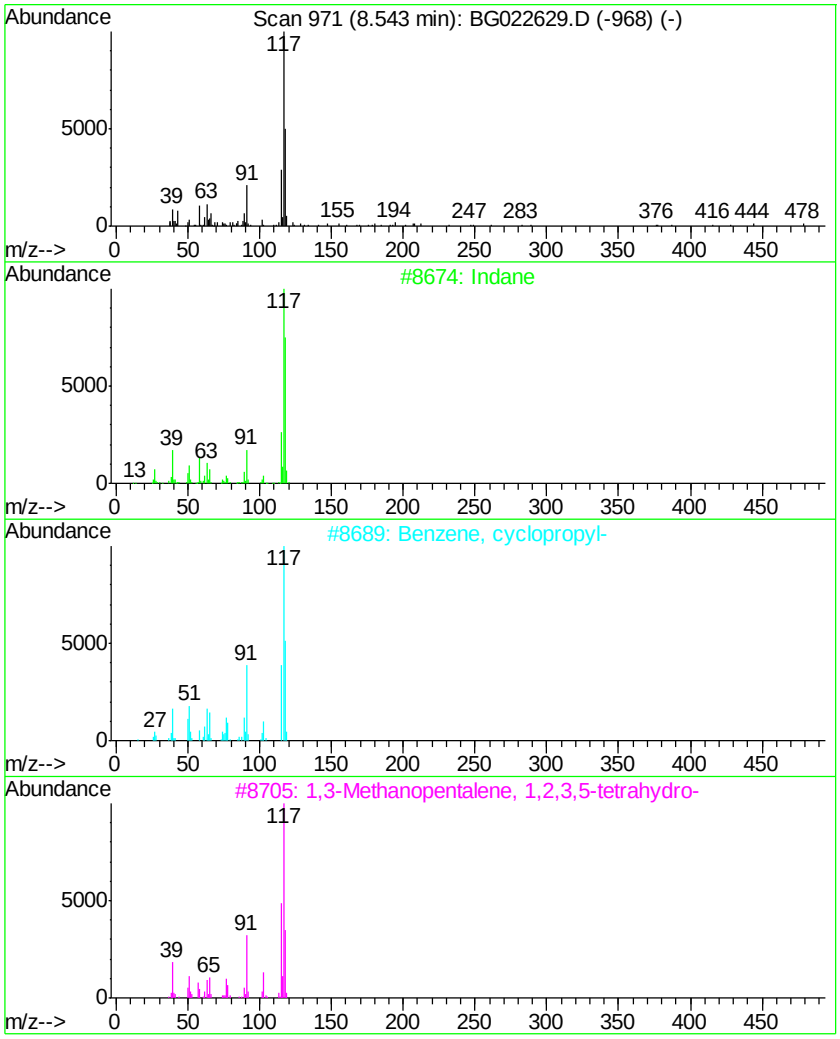
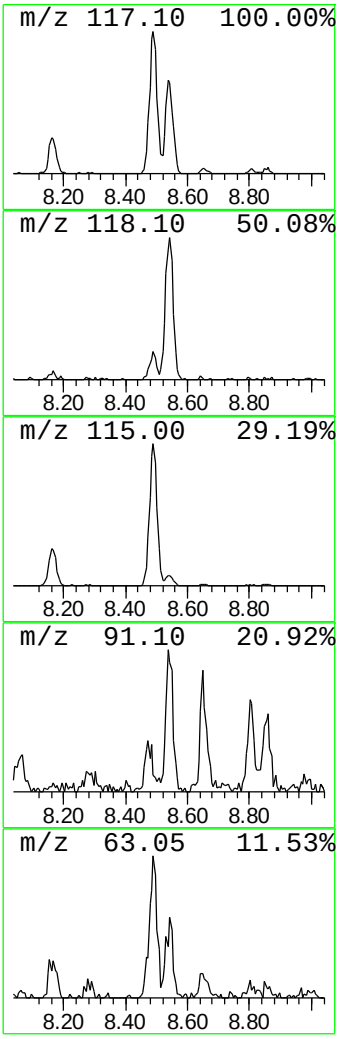
Peak Number 5 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	4.46 ng	245910	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	68
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59
3	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	59
4	3-Penten-2-one, 5-phenyl-	160	C11H12O	010521-97-8	58
5	Benzene, 1-ethenyl-4-(2-methylpr...	160	C12H16	063444-56-4	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022629.D
Acq On : 27 Jun 2016 4:04
Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

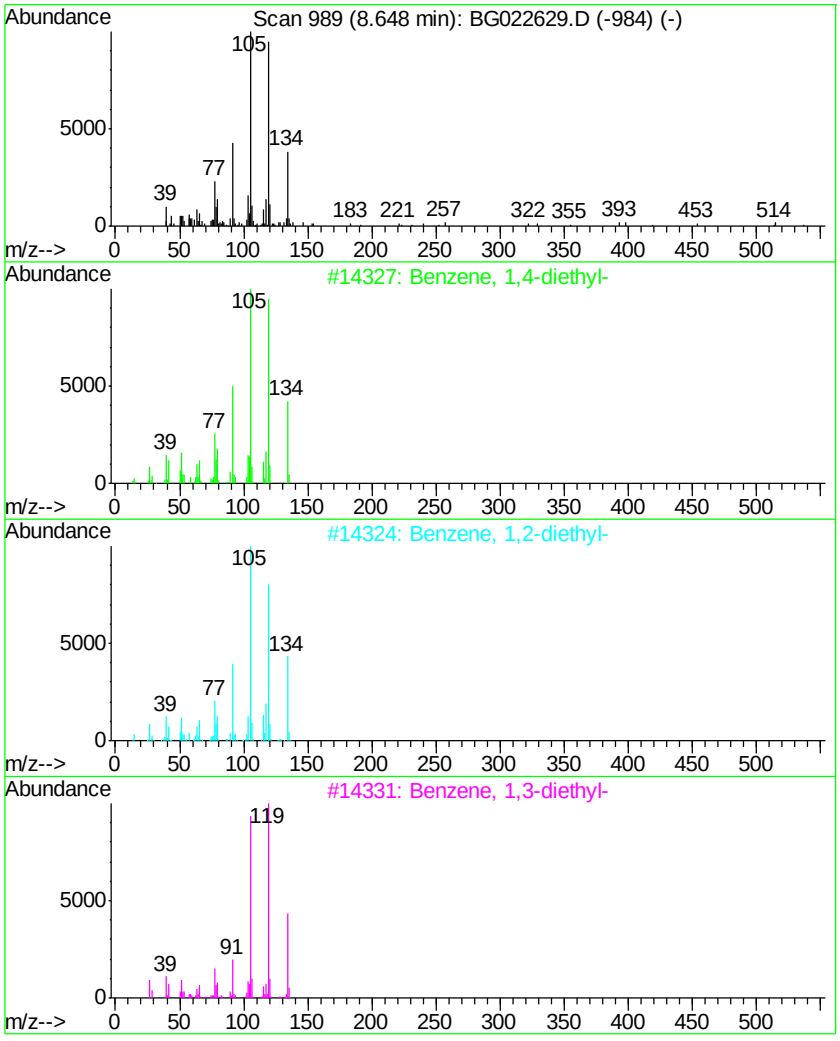
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

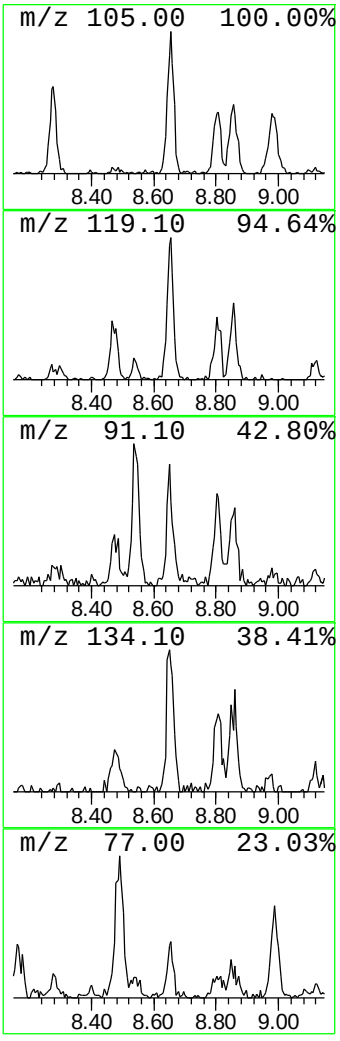
****

Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	2.96 ng	163555	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022629.D
Acq On : 27 Jun 2016 4:04
Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

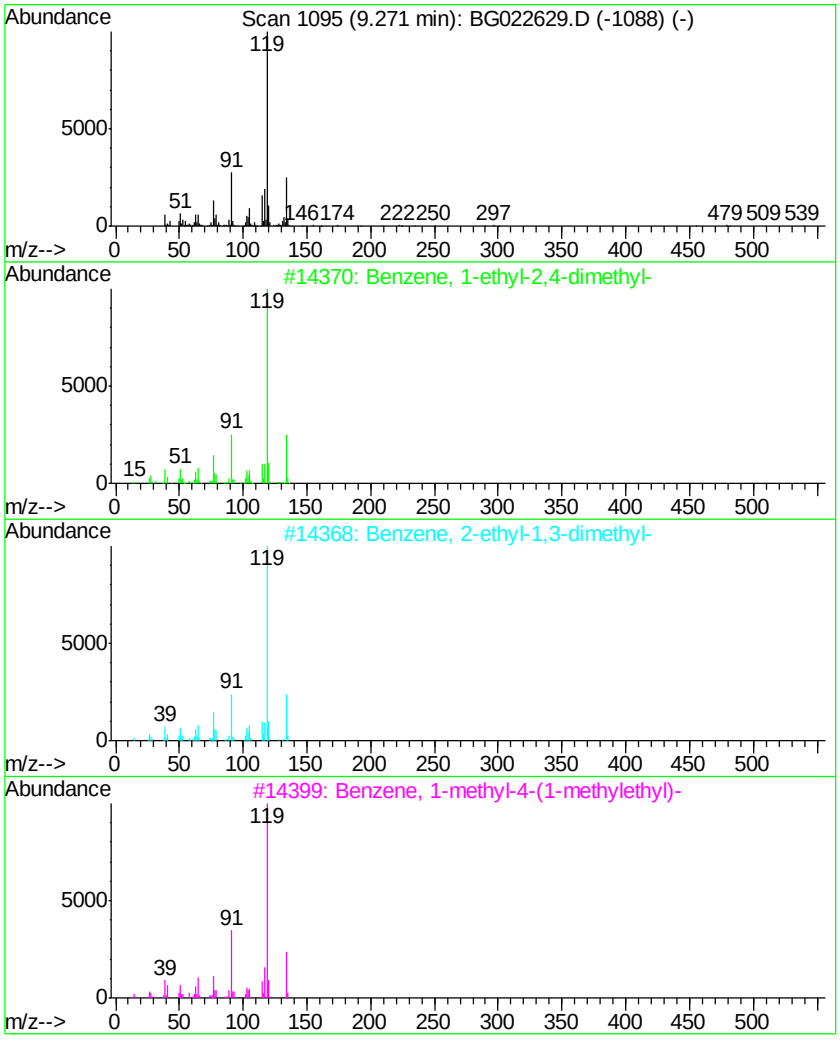
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

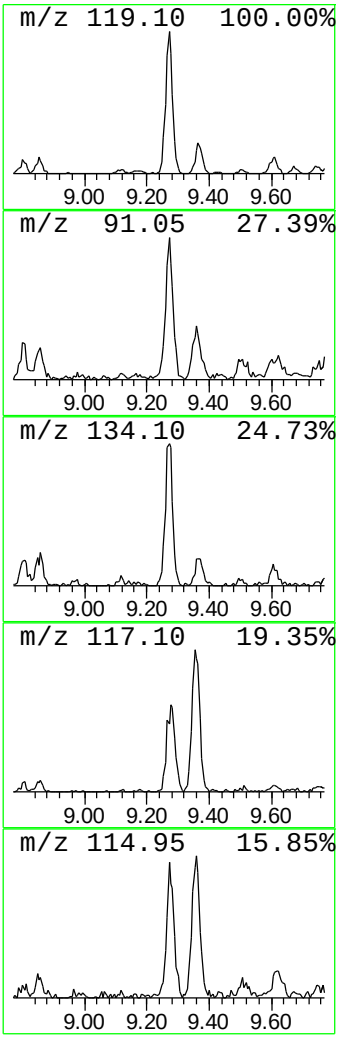
****

Peak Number 7 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	9.87 ng	544541	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87





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Acq On : 27 Jun 2016 4:04
Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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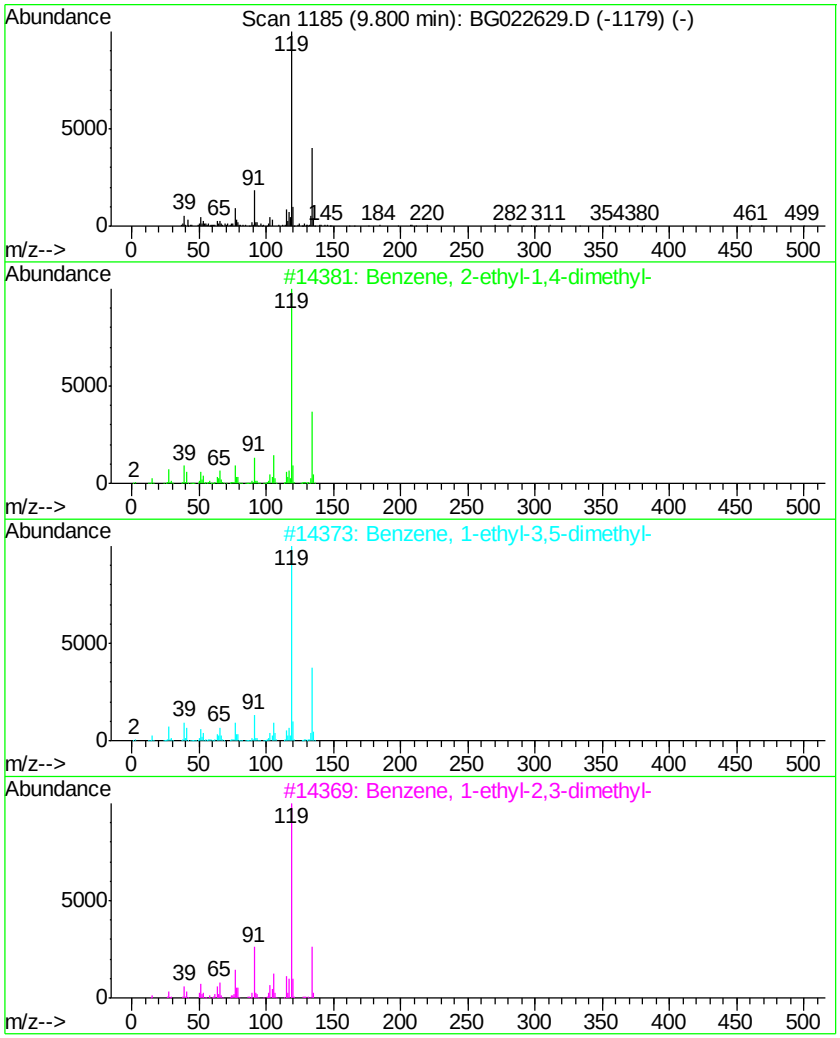
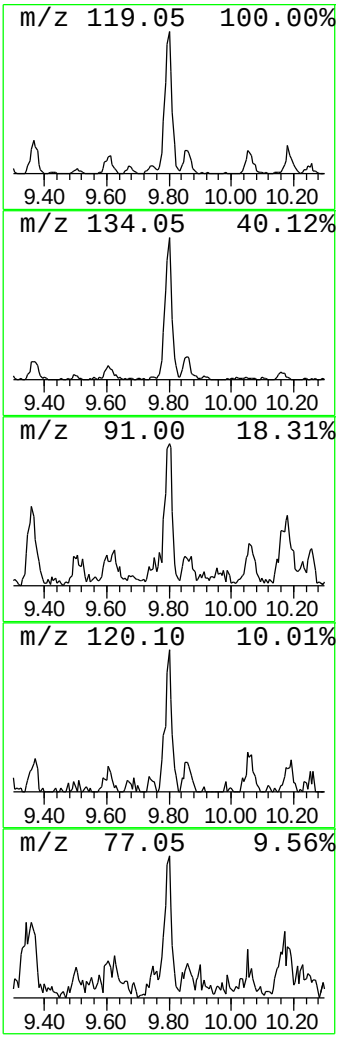
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	4.48 ng	399357	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93





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Acq On : 27 Jun 2016 4:04
Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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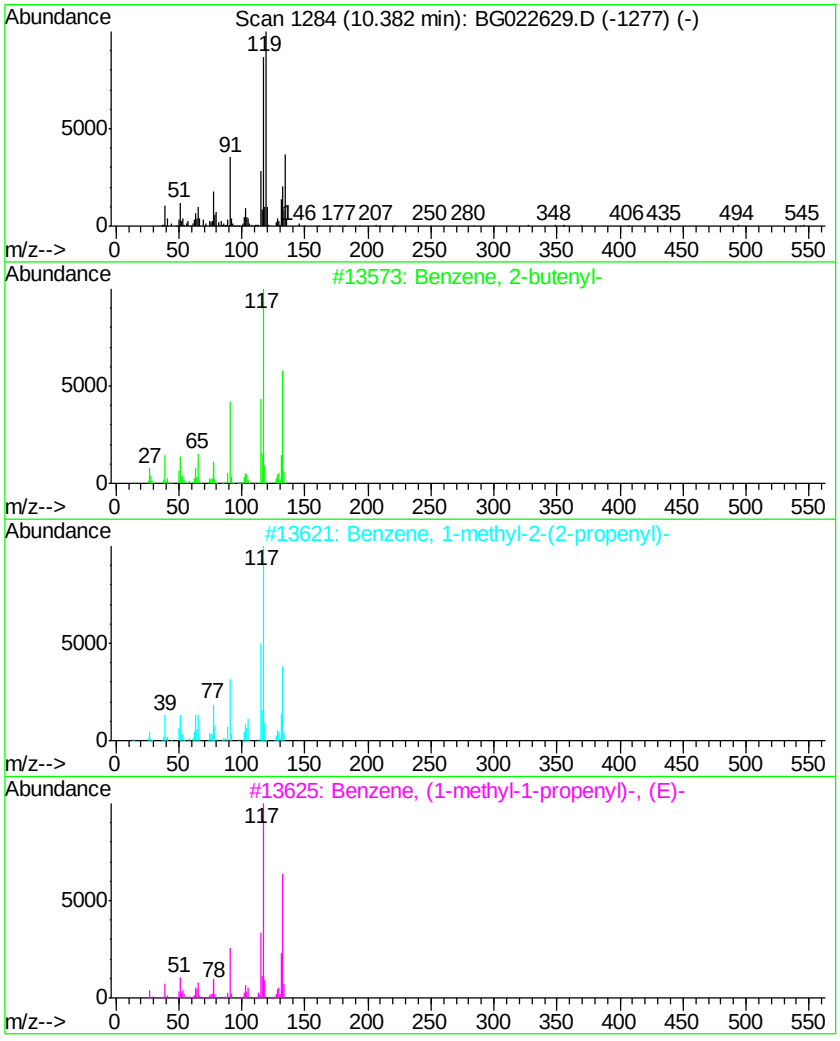
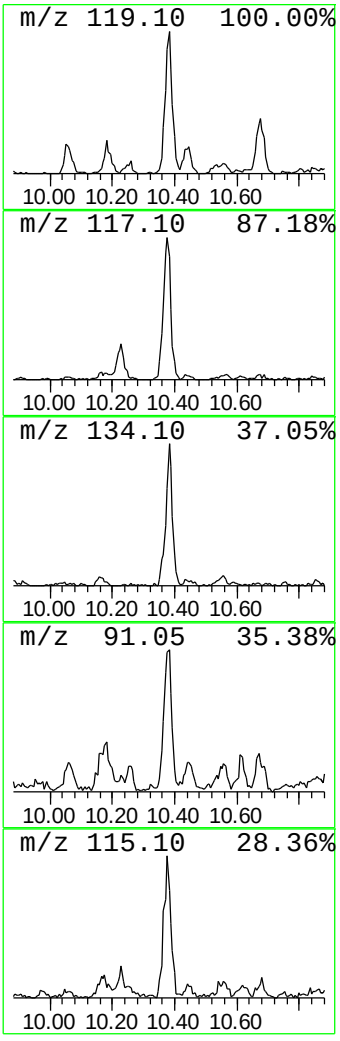
Peak Number 9 Benzene, 2-butenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	7.25 ng	646078	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
4	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	55
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	55





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Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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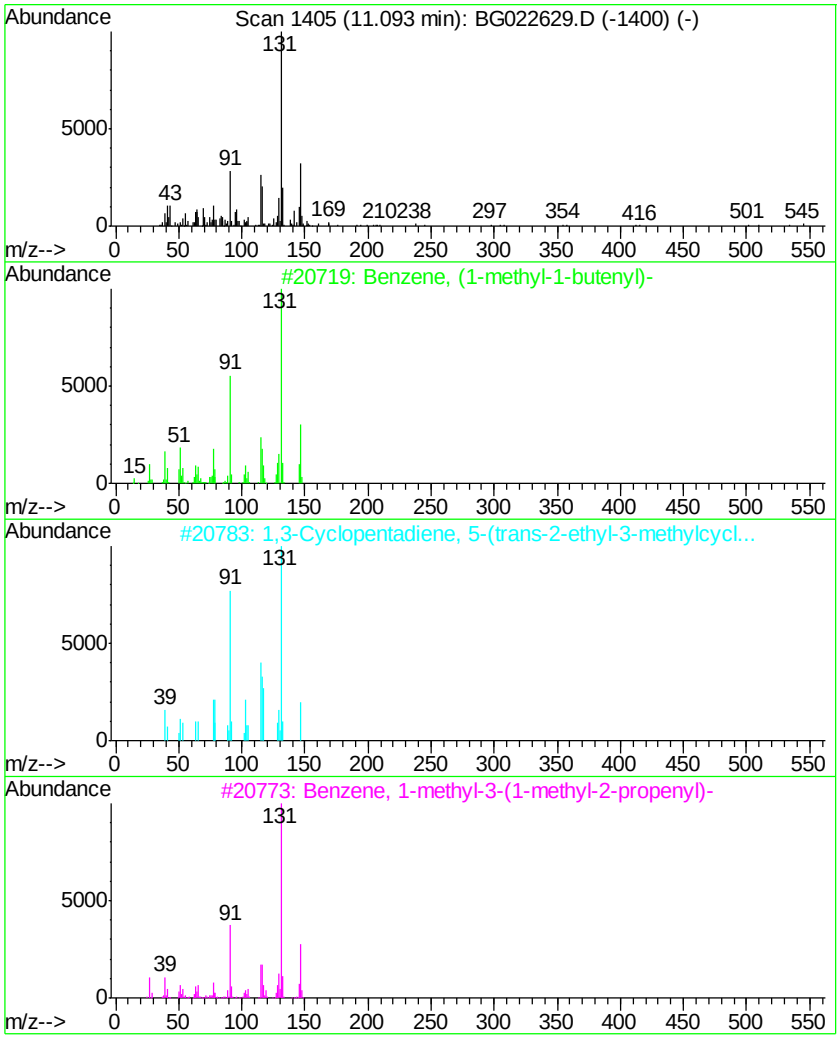
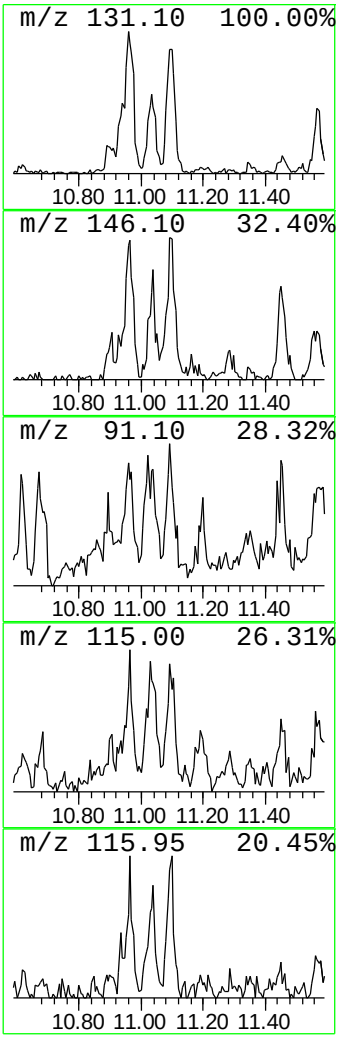
Peak Number 10 Benzene, (1-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	3.02 ng	268871	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
2	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	72
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	72
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64





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Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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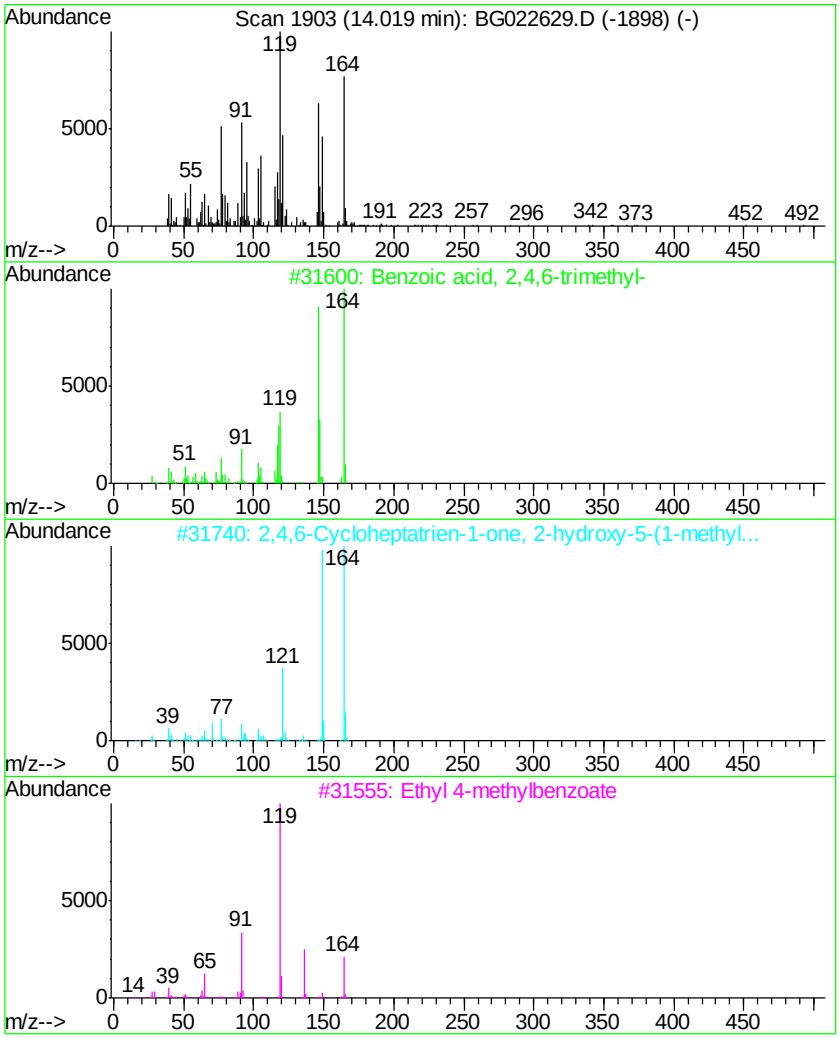
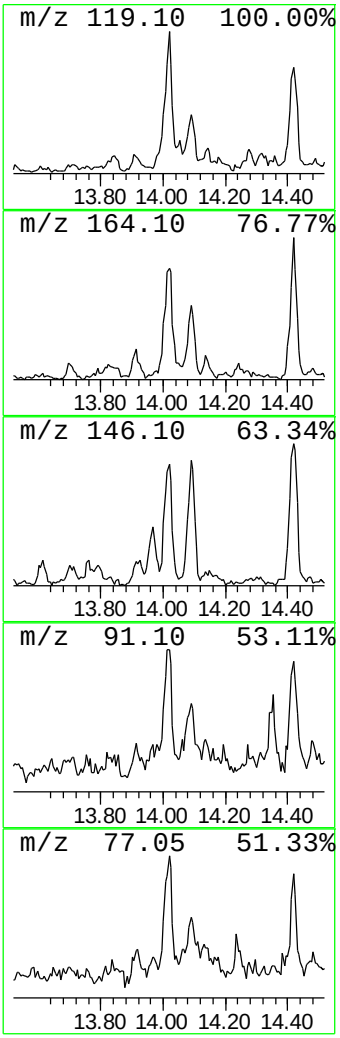
Peak Number 12 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	4.12 ng	663967	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	58
2	2,4,6-Cycloheptatrien-1-one, 2-h...	164	C10H12O2	000672-76-4	43
3	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	41
4	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	38
5	N-Methyl-o-toluamide	149	C9H11NO	002170-09-4	35





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Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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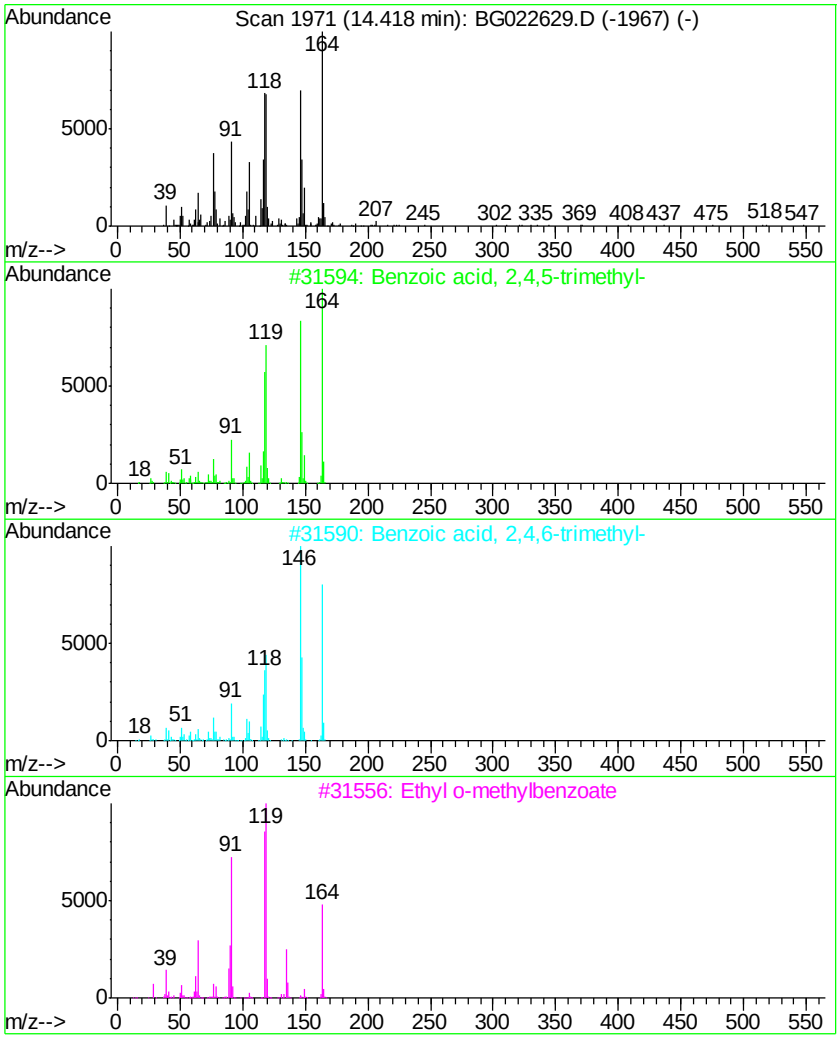
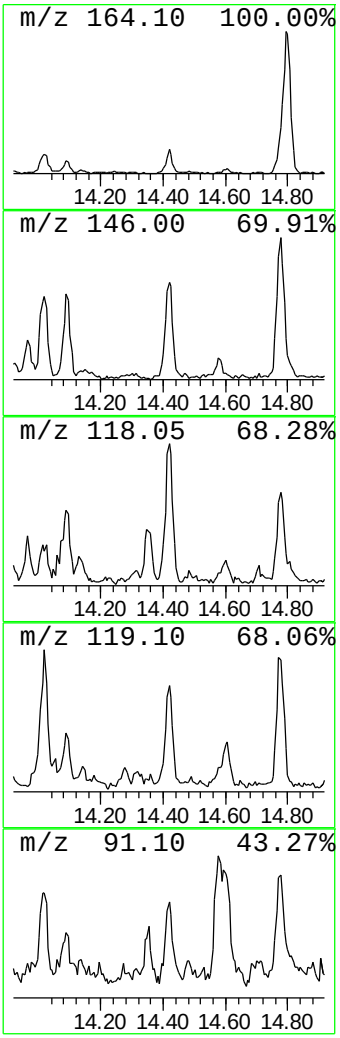
Peak Number 13 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	4.02 ng	648108	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	91
2	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	81
3	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	49
4	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	45
5	2-Propenoic acid, 3-(4-hydroxyph...	164	C9H8O3	007400-08-0	43





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Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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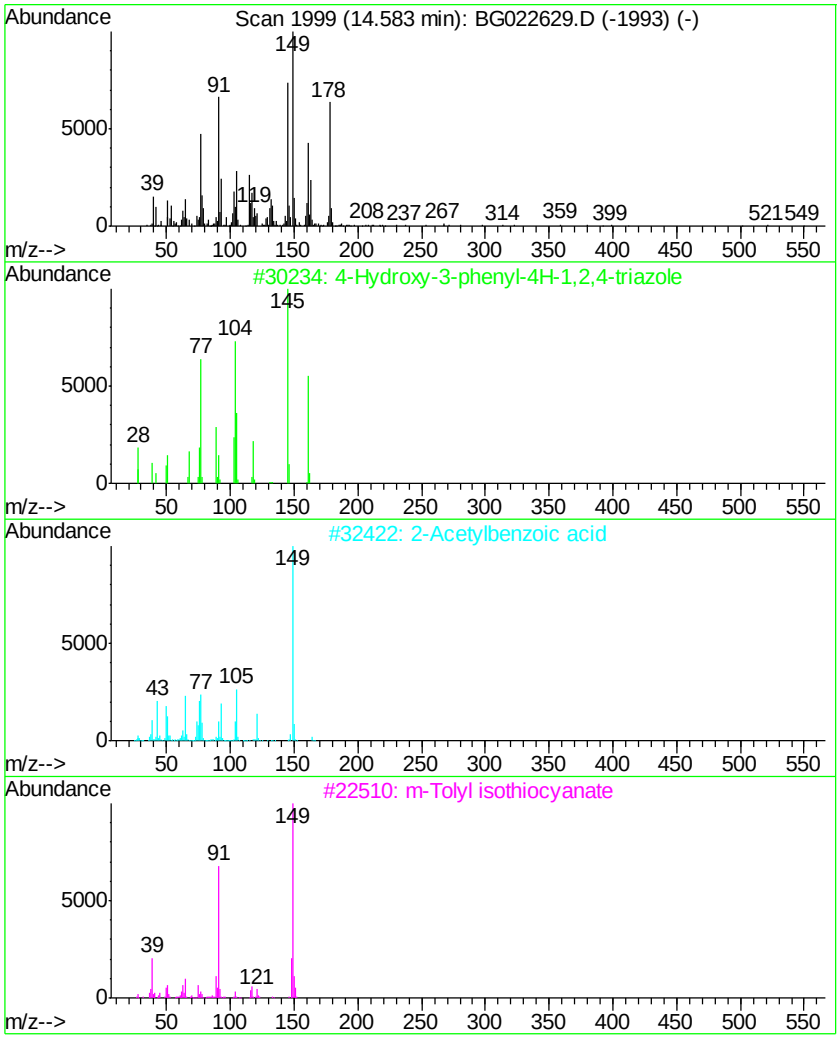
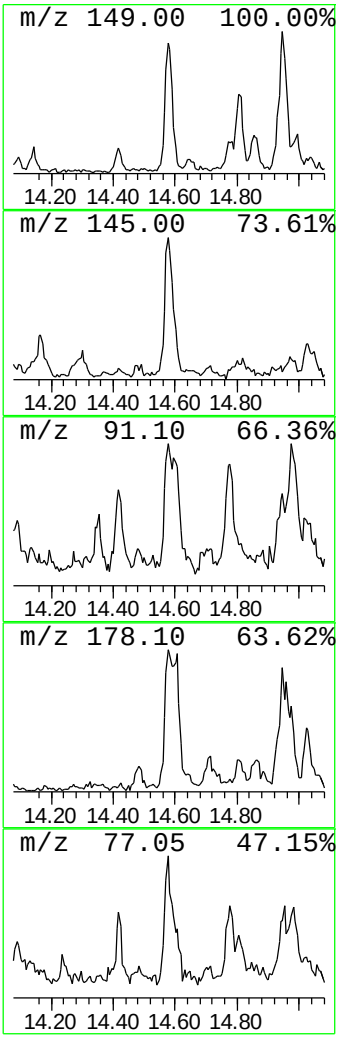
Peak Number 14 unknown14.58 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	4.72 ng	760589	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3-phenyl-4H-1,2,4-tria...	161	C8H7N3O	031409-47-9	43
2	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	25
3	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	25
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	18
5	3-Phenyl-1H-1,2,4-triazole	145	C8H7N3	003357-42-4	18





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Acq On : 27 Jun 2016 4:04
Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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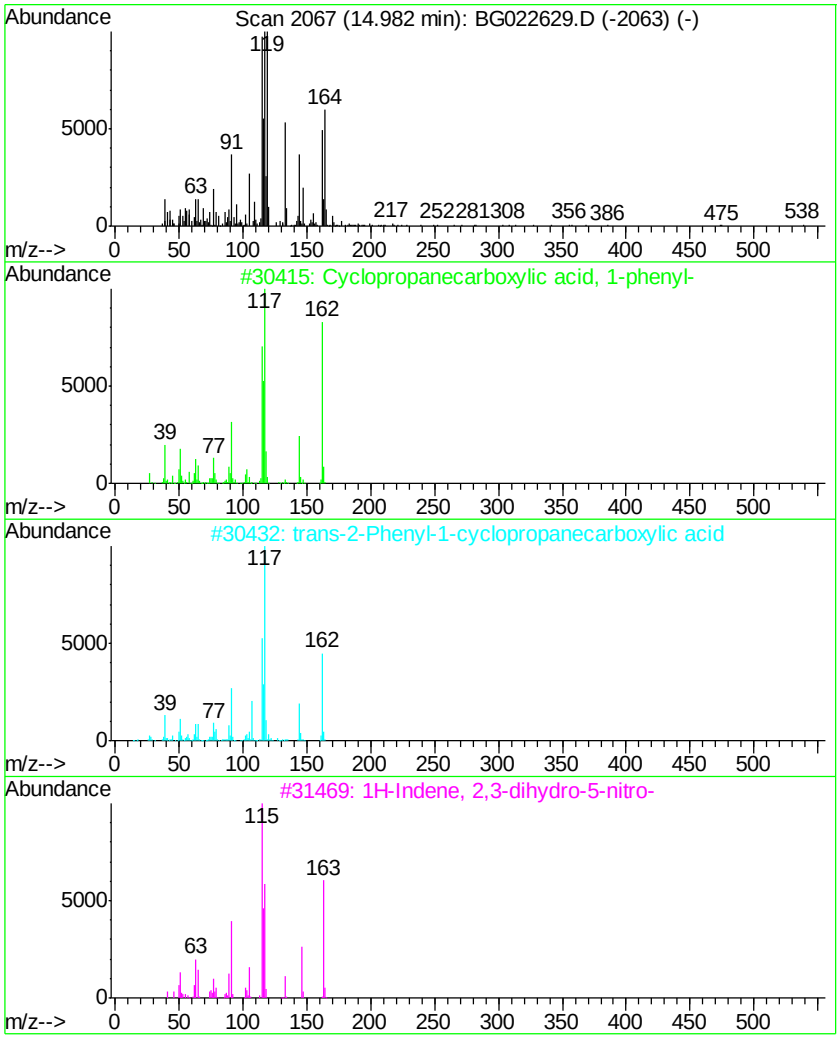
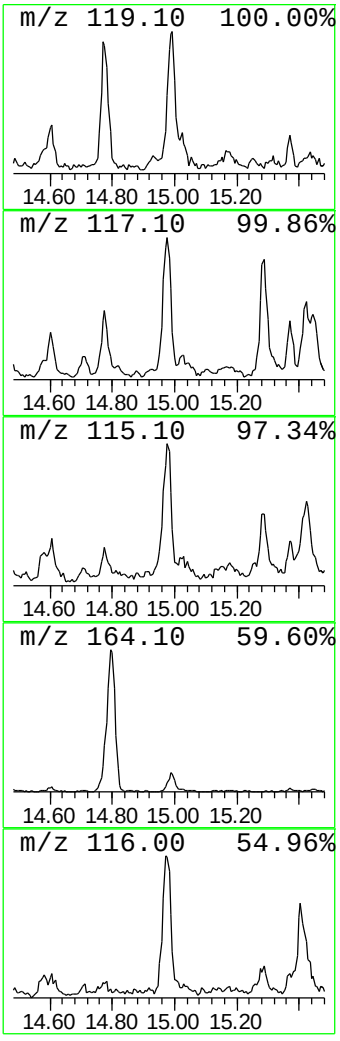
Peak Number 15 Cyclopropanecarboxylic acid... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	8.04 ng	1296120	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid, 1-p...	162	C10H10O2	006120-95-2	62
2	trans-2-Phenyl-1-cyclopropanecar...	162	C10H10O2	000939-90-2	43
3	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	38
4	Bicyclo[4.2.1]nona-2,4,7-triene,...	274	C15H14Se	072065-43-1	38
5	1,4-Epoxynaphthalene, 1,4-dihydro-	144	C10H8O	000573-57-9	30





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Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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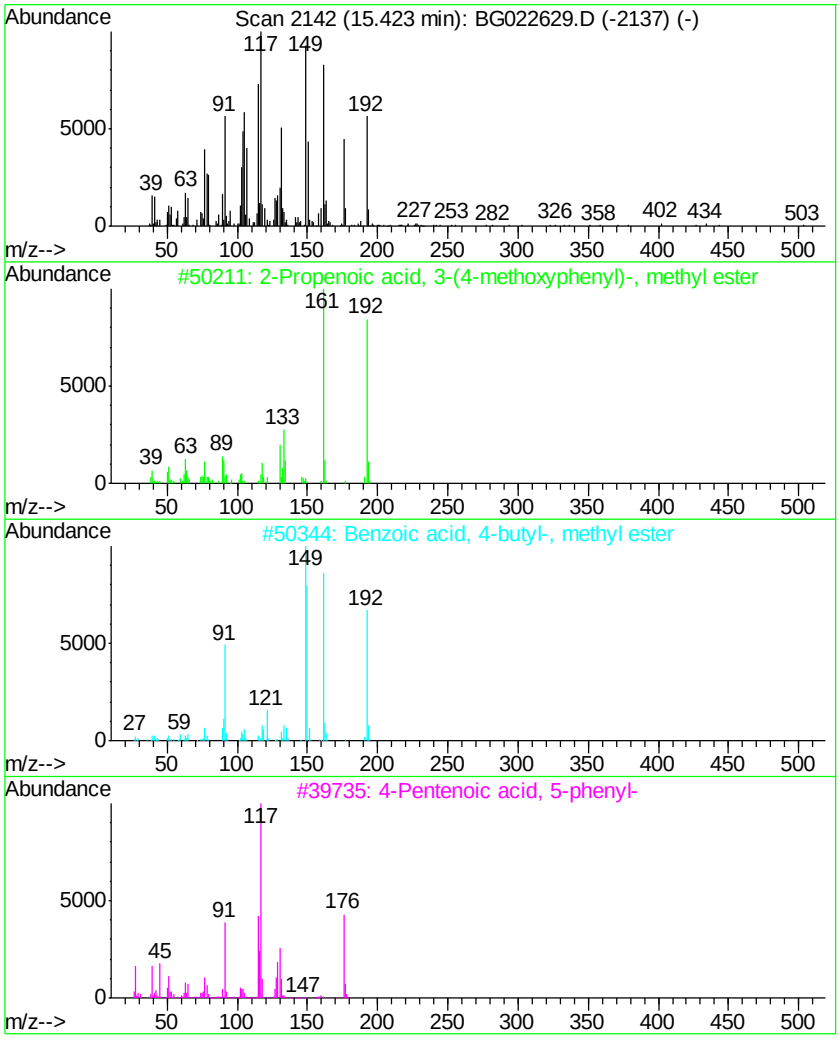
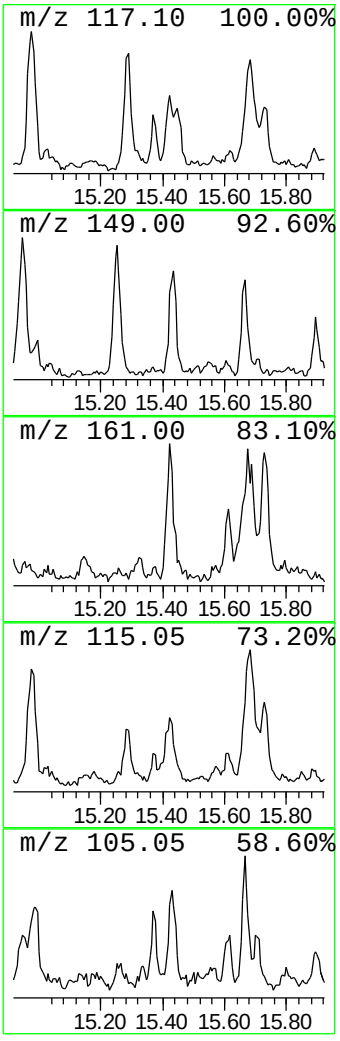
Peak Number 17 unknown15.42 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	7.45 ng	1200990	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-(4-methoxyph...	192	C11H12O3	000832-01-9	25
2	Benzoic acid, 4-butyl-, methyl e...	192	C12H16O2	020651-69-8	25
3	4-Pentenoic acid, 5-phenyl-	176	C11H12O2	028525-69-1	25
4	Methyl p-methoxycinnamate, cis	192	C11H12O3	019310-29-3	25
5	Cyclopropanecarboxylic acid, 2-p...	176	C11H12O2	020030-70-0	22





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Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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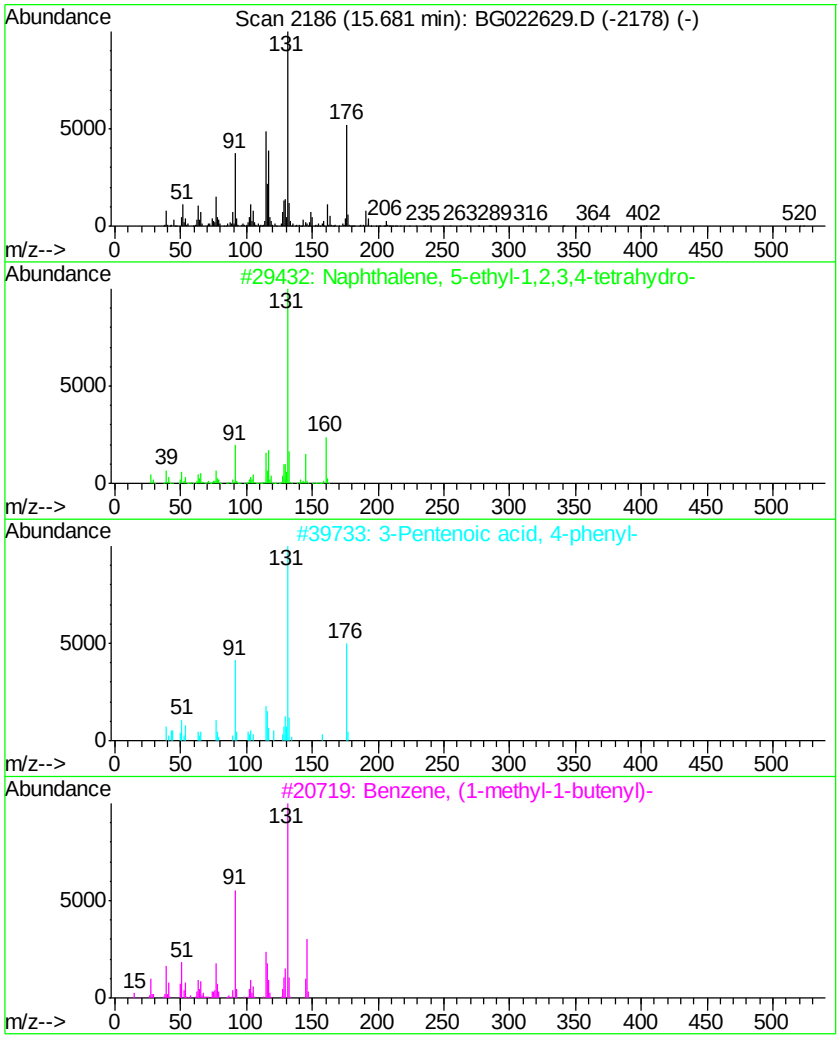
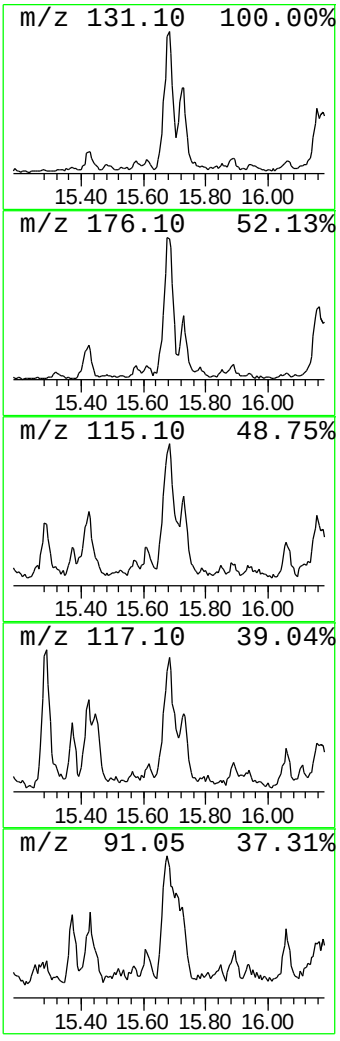
Peak Number 18 unknown15.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	12.63 ng	2035470	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	49
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	49
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	38
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	35





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Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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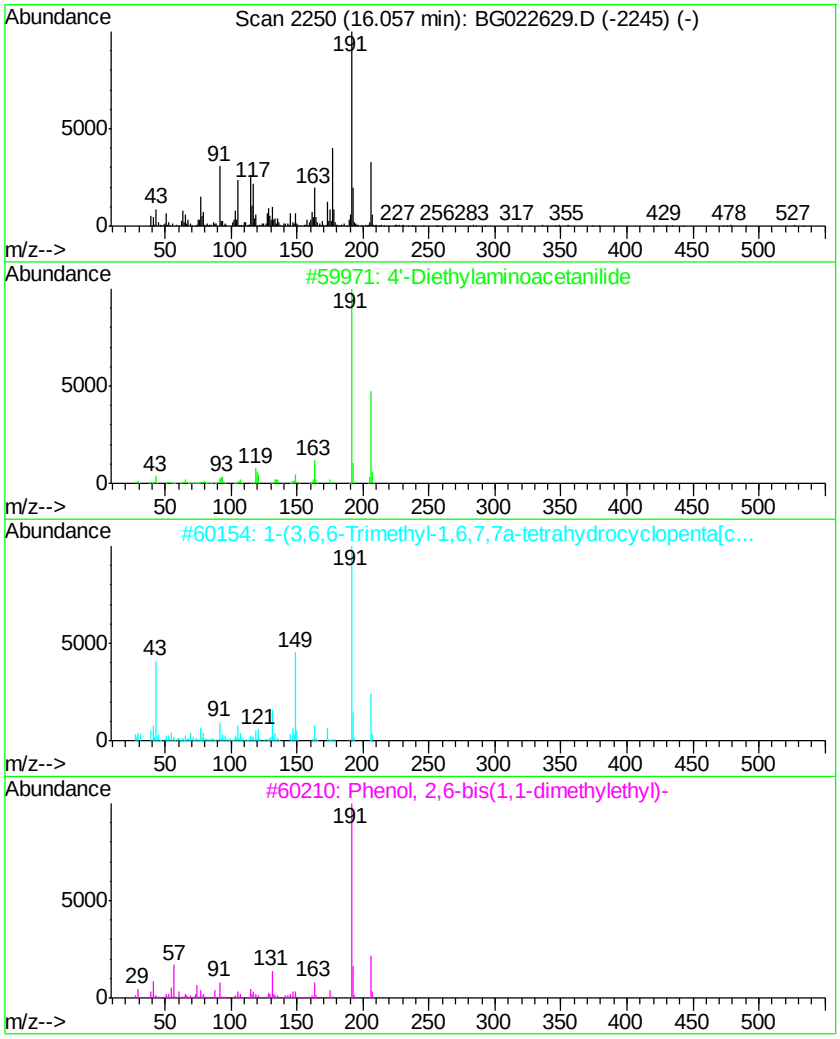
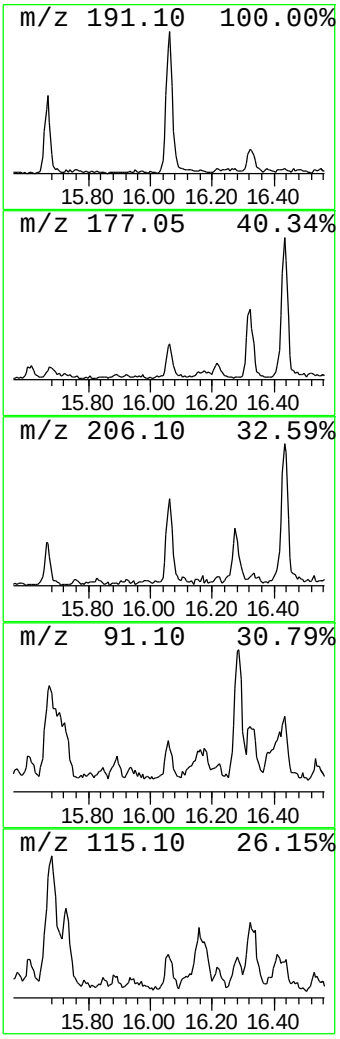
Peak Number 19 unknown16.06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	4.88 ng	786159	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	46
2	1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	46
3	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	43
4	Oxirane, [[4-(1,1-dimethylethyl)...	206	C13H18O2	003101-60-8	38
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	38





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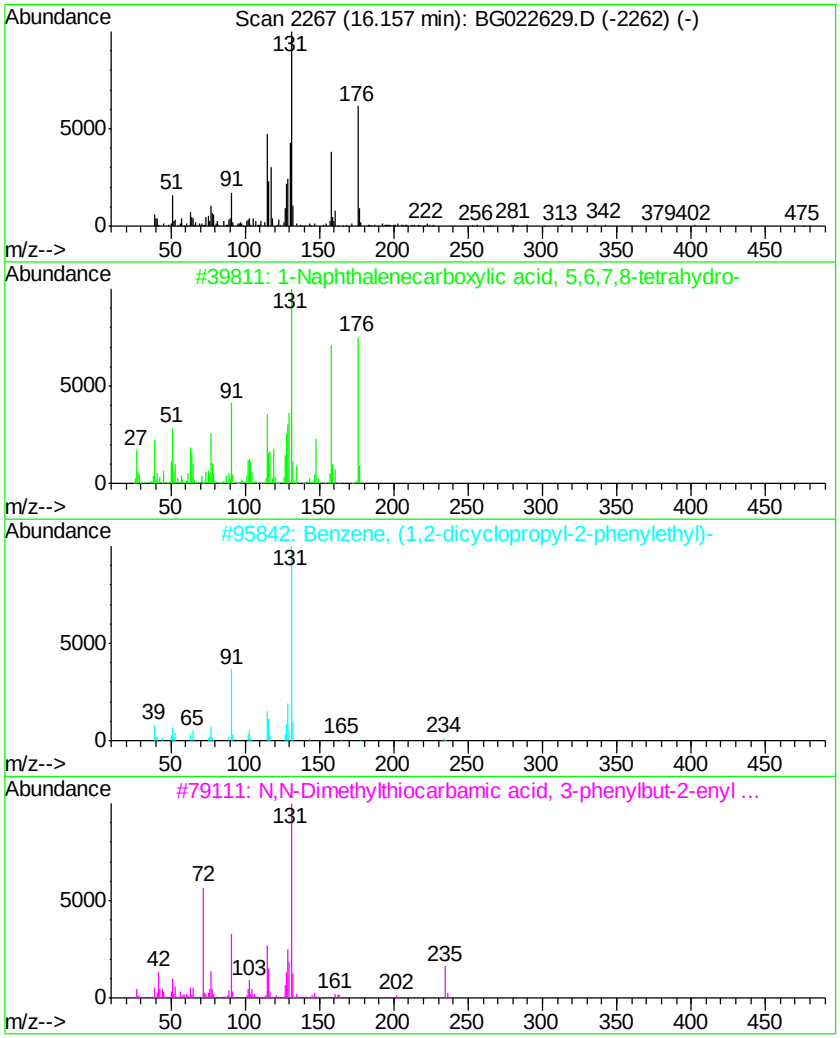
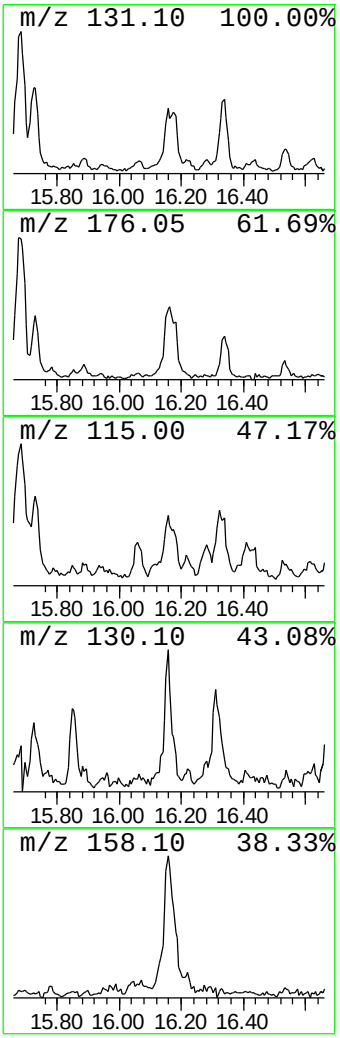
Peak Number 20 1-Naphthalenecarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	5.55 ng	893465	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	59
2	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	27
3	N,N-Dimethylthiocarbamic acid, 3...	235	C13H17NOS	1000197-43-1	25
4	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	22
5	[2-(Hydroxy-phenyl-phosphinoyl)-...	316	C15H13N2O4P	300566-65-8	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022629.D
Acq On : 27 Jun 2016 4:04
Operator : UM/SJ
Sample : H3733-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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
2-Pentanone, 4-hy...	5.24	3.2	ng	174314	1	8.16	1103260	20.0
Ethanol, 2-butoxy-	6.22	6.6	ng	362428	1	8.16	1103260	20.0
unknown7.69	7.69	79.1	ng	4363610	1	8.16	1103260	20.0
Indane	8.54	4.5	ng	245910	1	8.16	1103260	20.0
Benzene, 1,4-diet...	8.65	3.0	ng	163555	1	8.16	1103260	20.0
Benzene, 1-ethyl-...	9.27	9.9	ng	544541	1	8.16	1103260	20.0
Benzene, 2-ethyl-...	9.80	4.5	ng	399357	2	10.99	1781270	20.0
Benzene, 2-butenyl-	10.38	7.3	ng	646078	2	10.99	1781270	20.0
Benzene, (1-methy...	11.09	3.0	ng	268871	2	10.99	1781270	20.0
Benzoic acid, 2,4...	14.02	4.1	ng	663967	3	14.79	3222280	20.0
Benzoic acid, 2,4...	14.42	4.0	ng	648108	3	14.79	3222280	20.0
unknown14.58	14.58	4.7	ng	760589	3	14.79	3222280	20.0
Cyclopropanecarbo...	14.98	8.0	ng	1296120	3	14.79	3222280	20.0
unknown15.42	15.42	7.5	ng	1200990	3	14.79	3222280	20.0
unknown15.68	15.68	12.6	ng	2035470	3	14.79	3222280	20.0
unknown16.06	16.06	4.9	ng	786159	3	14.79	3222280	20.0
1-Naphthalenecarb...	16.16	5.5	ng	893465	3	14.79	3222280	20.0