LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

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-BG120215.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	3.121	43	48	58	rBV	46626	104648	4.97%	0.846%
2	3.204	58	62	69	rVB	42345	63633	3.02%	0.514%
3	5.172	391	397	406	rBV	41428	66037	3.14%	0.534%
4	5.648	471	478	485	rBV	188871	290101	13.78%	2.345%
5	6.576	631	636	646	rVB	15417	25165	1.20%	0.203%
6	7.246	744	750	762	rBV	126299	217764	10.34%	1.760%
7	7.628	808	815	823	rBV	326702	556332	26.43%	4.497%
8	7.998	874	878	884	rVB2	20996	33657	1.60%	0.272%
9	8.098	888	895	902	rVV	71640	121202	5.76%	0.980%
10	8.427	943	951	957	rBV	292252	508465	24.15%	4.110%
11	8.480	957	960	967	rVB	22766	32790	1.56%	0.265%
12	8.591	972	979	984	rBV	24525	39521	1.88%	0.319%
13	8.744	999	1005	1009	rBV2	23047	35838	1.70%	0.290%
14	8.791	1009	1013	1022	rVB2	21810	34278	1.63%	0.277%
15	9.208	1076	1084	1089	rBV2	101531	174400	8.28%	1.410%
16	9.267	1089	1094	1109	rVB2	254683	538075	25.56%	4.350%
17	9.731	1168	1173	1180	rVB	59284	99744	4.74%	0.806%
18	10.101	1229	1236	1242	rBV3	21871	47674	2.26%	0.385%
19	10.313	1265	1272	1279	rBV2	187211	334723	15.90%	2.706%
20	10.548	1307	1312	1316	rVV3	14775	23243	1.10%	0.188%
21	10.918	1362	1375	1380	rBV2	105525	243810	11.58%	1.971%
22	10.959	1380	1382	1388	rVV3	25119	42451	2.02%	0.343%
23	11.024	1388	1393	1402	rVB2	31097	58756	2.79%	0.475%
24	11.124	1402	1410	1418	rBV4	13137	27352	1.30%	0.221%
25	11.382	1449	1454	1462	rVB3	24703	43274	2.06%	0.350%
26	11.494	1465	1473	1477	rBV	21240	39760	1.89%	0.321%
27	11.823	1522	1529	1535	rVB3	21228	40274	1.91%	0.326%
28	12.017	1552	1562	1568	rBV	22092	40719	1.93%	0.329%
29	12.099	1568	1576	1583	rBV	51519	85819	4.08%	0.694%
30	12.228	1589	1598	1605	rBV2	12529	33308	1.58%	0.269%
31	12.451	1629	1636	1643	rVB	59785	100187	4.76%	0.810%
32	12.563	1651	1655	1662	rVB2	26735	44109	2.10%	0.357%
33	12.781	1683	1692	1701	rBV	99285	203086	9.65%	1.642%
34	12.863	1701	1706	1707	rVV4	17578	25842	1.23%	0.209%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

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-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.886	1707	1710	1714	rVB5	18037	27339	1.30%	0.221%
36	13.280	1771	1777	1781	rVB6	12306	23483	1.12%	0.190%
37	13.356	1781	1790	1795	rBV	772228	1161999	55.20%	9.393%
38	13.785	1858	1863	1869	rVB3	18889	34440	1.64%	0.278%
39	13.891	1877	1881	1885	rBV6	22947	41289	1.96%	0.334%
40	13.938	1885	1889	1896	rVB8	16289	32596	1.55%	0.263%
41	14.020	1896	1903	1904	rBV6	18183	29737	1.41%	0.240%
42	14.056	1904	1909	1913	rVV3	57023	98337	4.67%	0.795%
43	14.097	1913	1916	1924	rVB5	17157	41777	1.98%	0.338%
44	14.285	1944	1948	1951	rBV4	16596	28552	1.36%	0.231%
45	14.502	1979	1985	1989	rBV	62447	95977	4.56%	0.776%
46	14.731	2012	2024	2031	rBV2	181331	321211	15.26%	2.597%
47	14.907	2048	2054	2058	rVB3	47379	93650	4.45%	0.757%
48	15.184	2095	2101	2103	rBV	52510	93324	4.43%	0.754%
49	15.295	2115	2120	2124	rBV	55334	78600	3.73%	0.635%
50	15.348	2124	2129	2133	rVB5	34402	52139	2.48%	0.421%
51	15.389	2133	2136	2142	rVB3	22122	28924	1.37%	0.234%
52	15.542	2157	2162	2166	rBV2	20276	30407	1.44%	0.246%
53	15.613	2166	2174	2177	rBV3	165034	411154	19.53%	3.324%
54	15.818	2205	2209	2212	rBV3	17538	23520	1.12%	0.190%
55	15.859	2212	2216	2221	rVB	29012	37015	1.76%	0.299%
56	15.989	2231	2238	2241	rBV	39115	57357	2.72%	0.464%
57	16.030	2241	2245	2248	rBV	39263	56092	2.66%	0.453%
58	16.141	2260	2264	2268	rBV3	26672	39433	1.87%	0.319%
59	16.212	2269	2276	2281	rVV	727690	1186531	56.36%	9.592%
60	16.253	2281	2283	2288	rVB3	93226	106764	5.07%	0.863%
61	16.353	2297	2300	2304	rVB	28140	36045	1.71%	0.291%
62	16.394	2304	2307	2314	rVB5	19786	33213	1.58%	0.268%
63	16.529	2322	2330	2331	rBV7	15214	32564	1.55%	0.263%
64	17.034	2412	2416	2420	rBV4	13334	24494	1.16%	0.198%
65	17.469	2481	2490	2501	rVB2	262005	446740	21.22%	3.611%
66	17.822	2546	2550	2555	rVB2	14080	21468	1.02%	0.174%
67	18.703	2696	2700	2708	rBV	27583	44963	2.14%	0.363%
68	19.608	2850	2854	2858	rBV5	14851	21253	1.01%	0.172%
69	19.714	2867	2872	2878	rBV	22023	37904	1.80%	0.306%
70	20.072	2927	2933	2938	rBV	1637353	2105103	100.00%	17.017%
71	21.741	3210	3217	3223	rBV	308632	499357	23.72%	4.037%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

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-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	25.007	3762	3773	3785	rVB	161311	459611	21.83%	3.715%

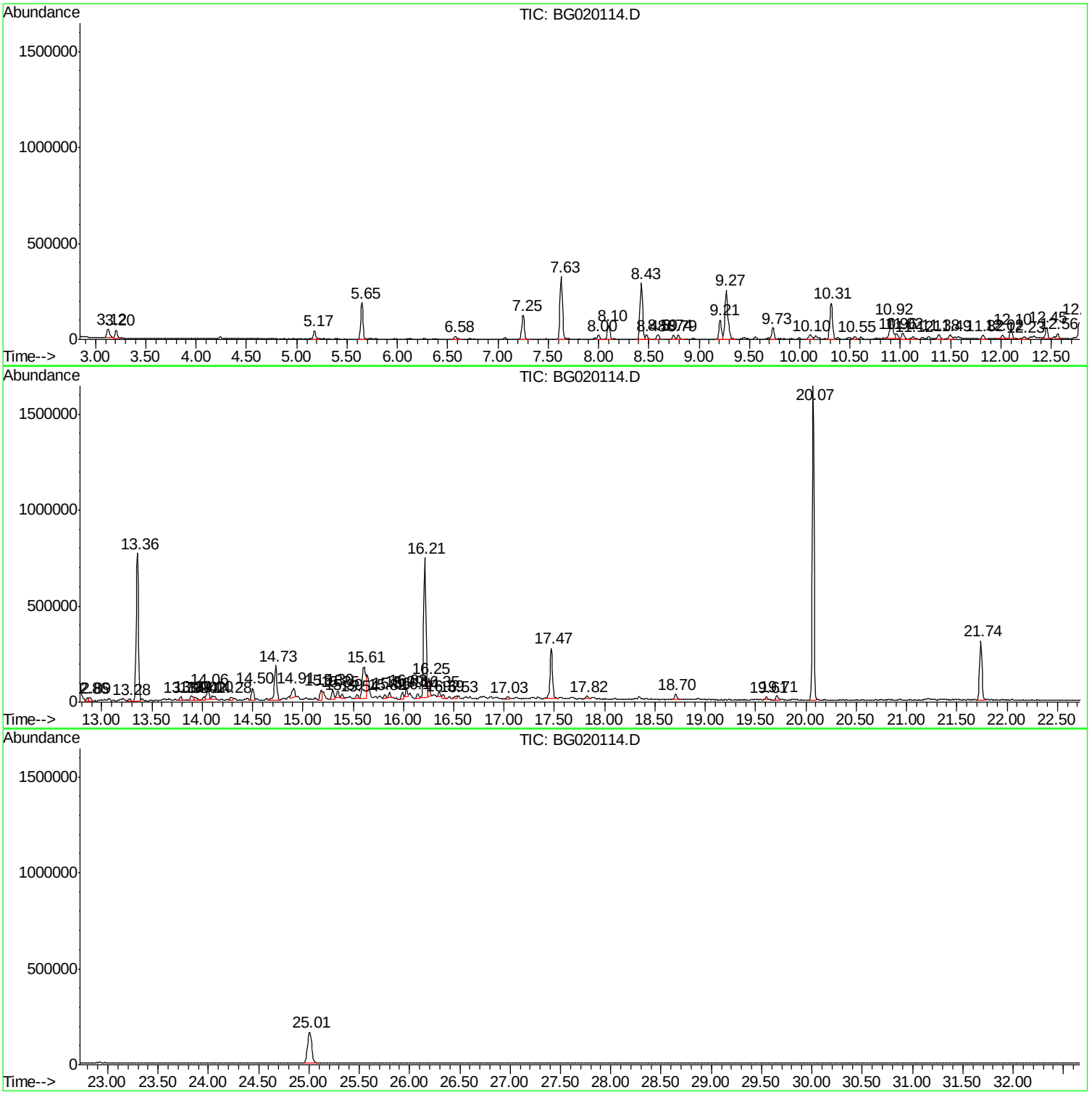
Sum of corrected areas: 12370399

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

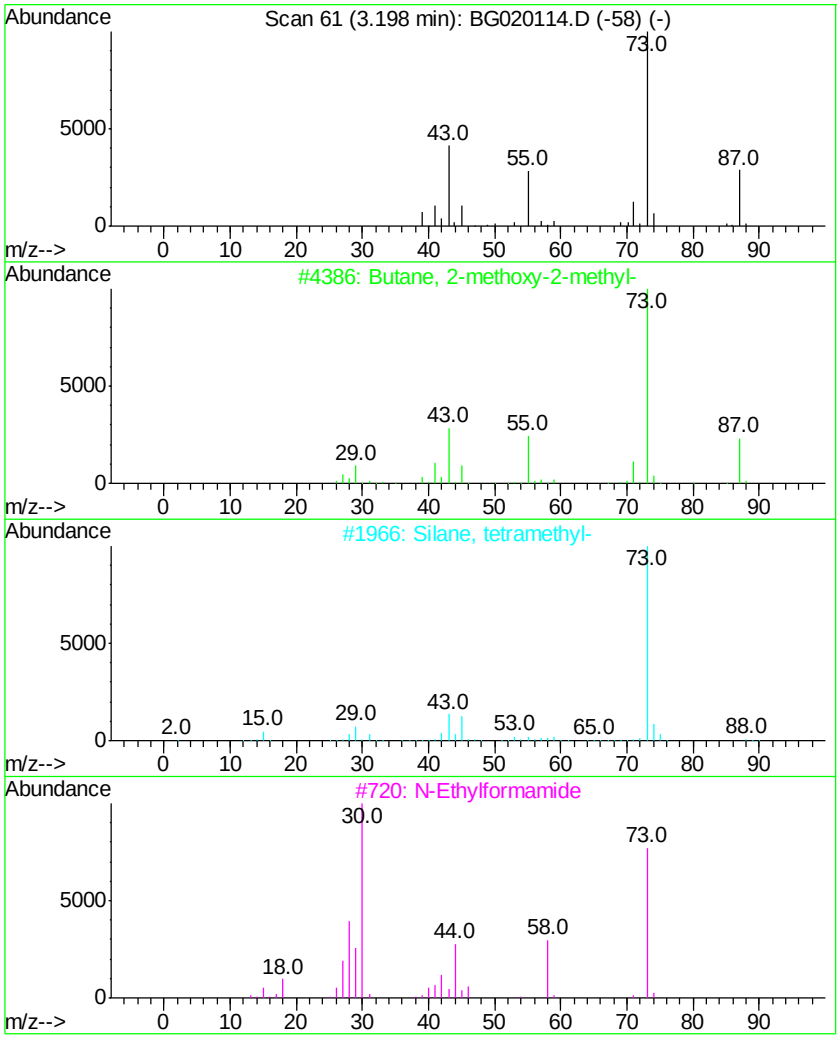
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

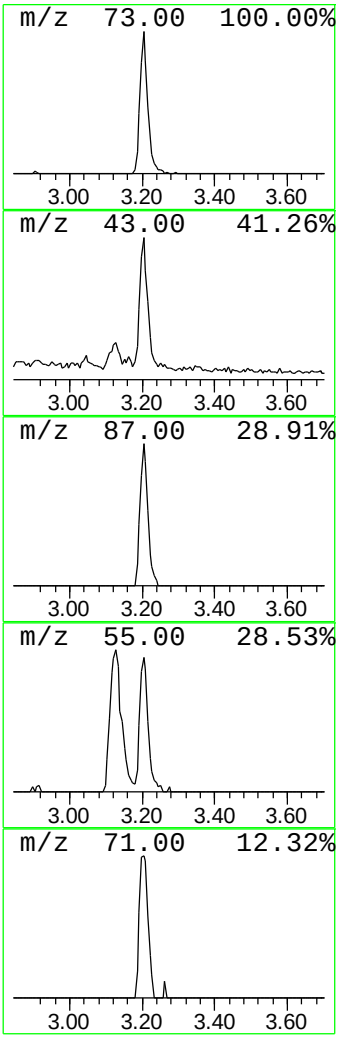
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	10.50 ng	63633	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

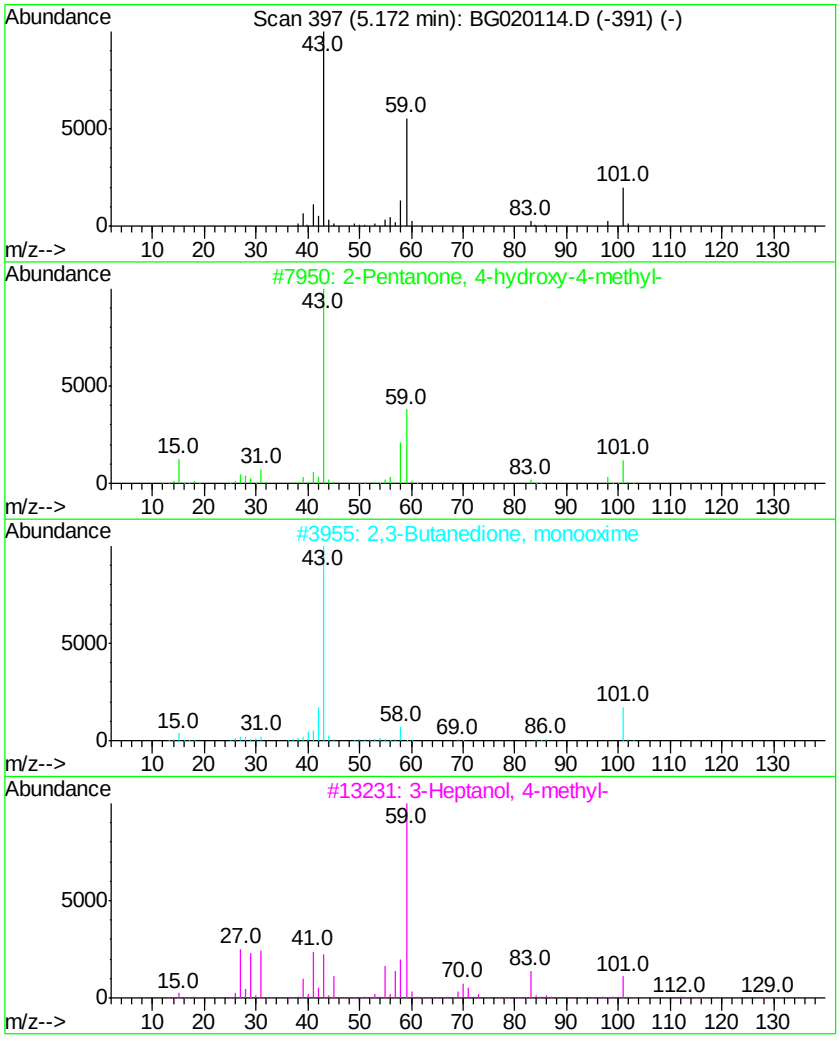
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

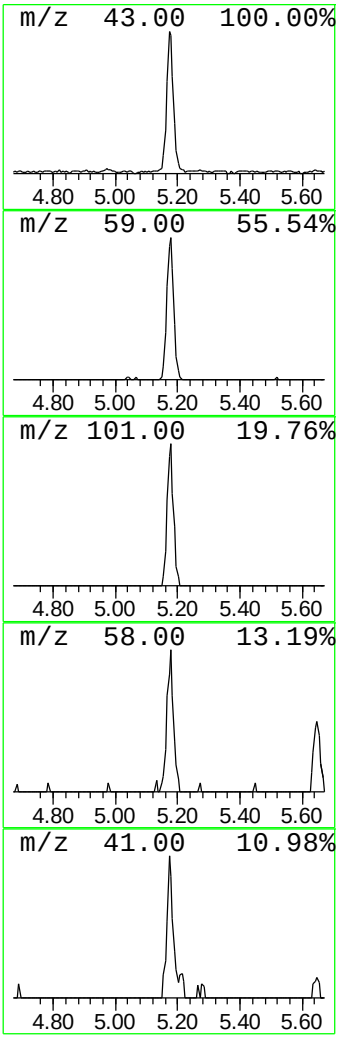
****

Peak Number 3 unknown5.17 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	10.90 ng	66037	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

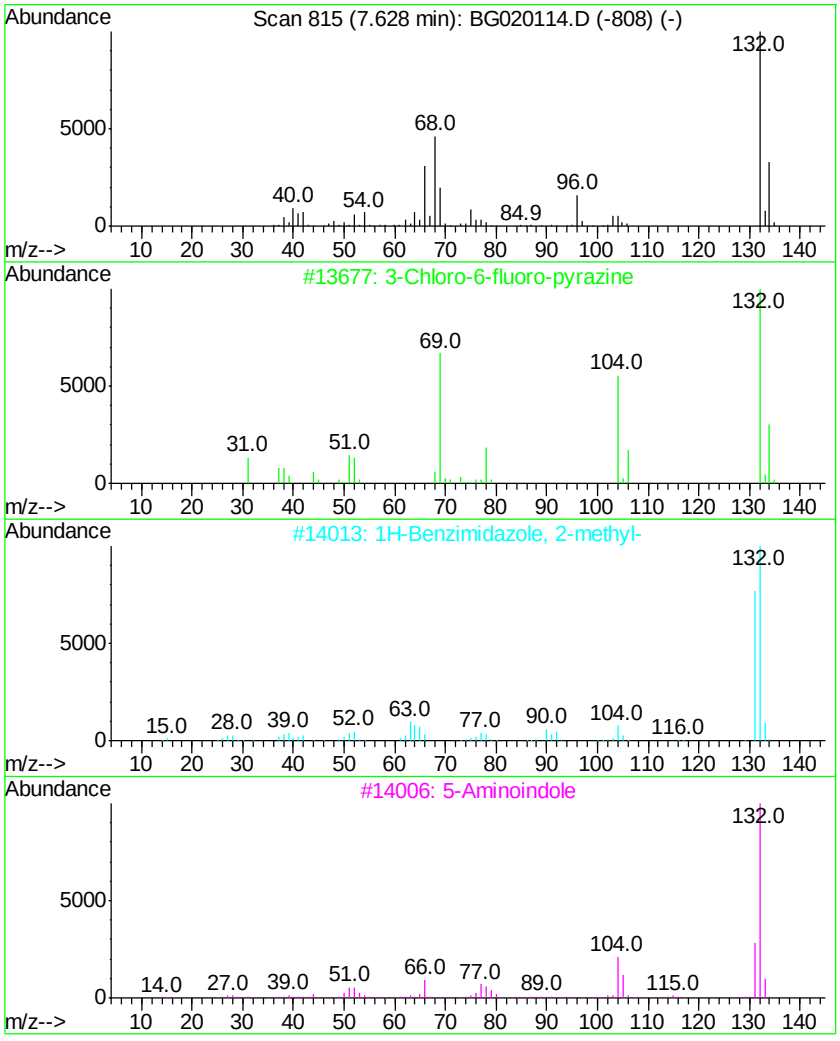
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

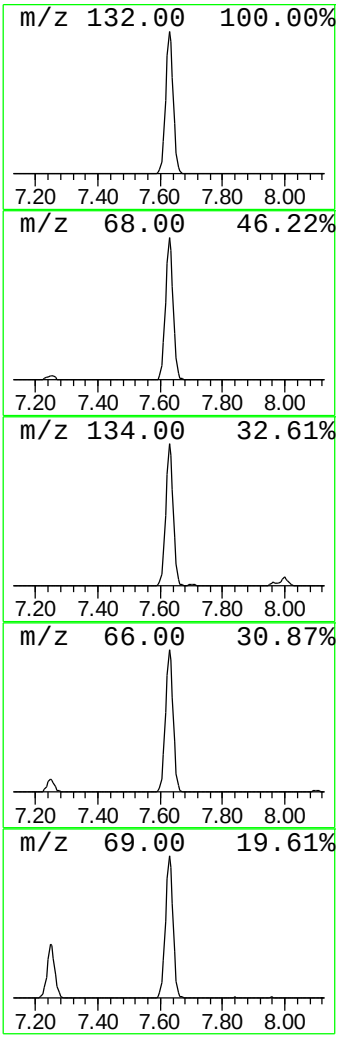
****

Peak Number 4 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	91.80 ng	556332	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

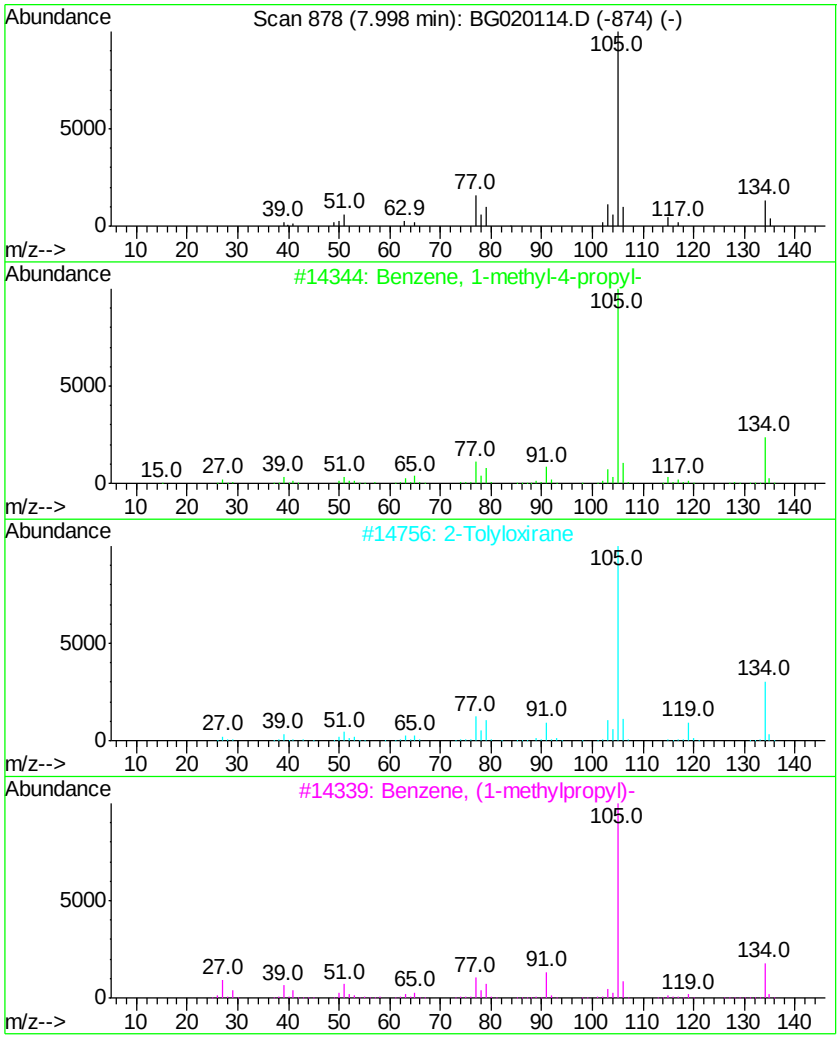
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

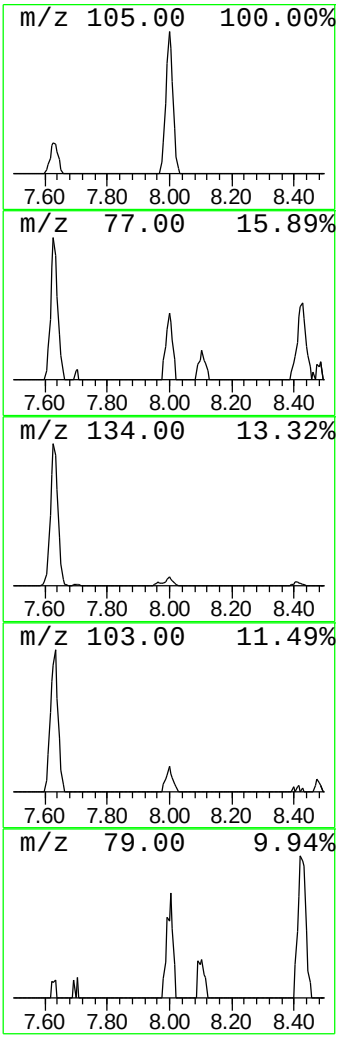
****

Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	5.55 ng	33657	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
2	2-Tolyloxirane	134	C9H10O	002783-26-8	78
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

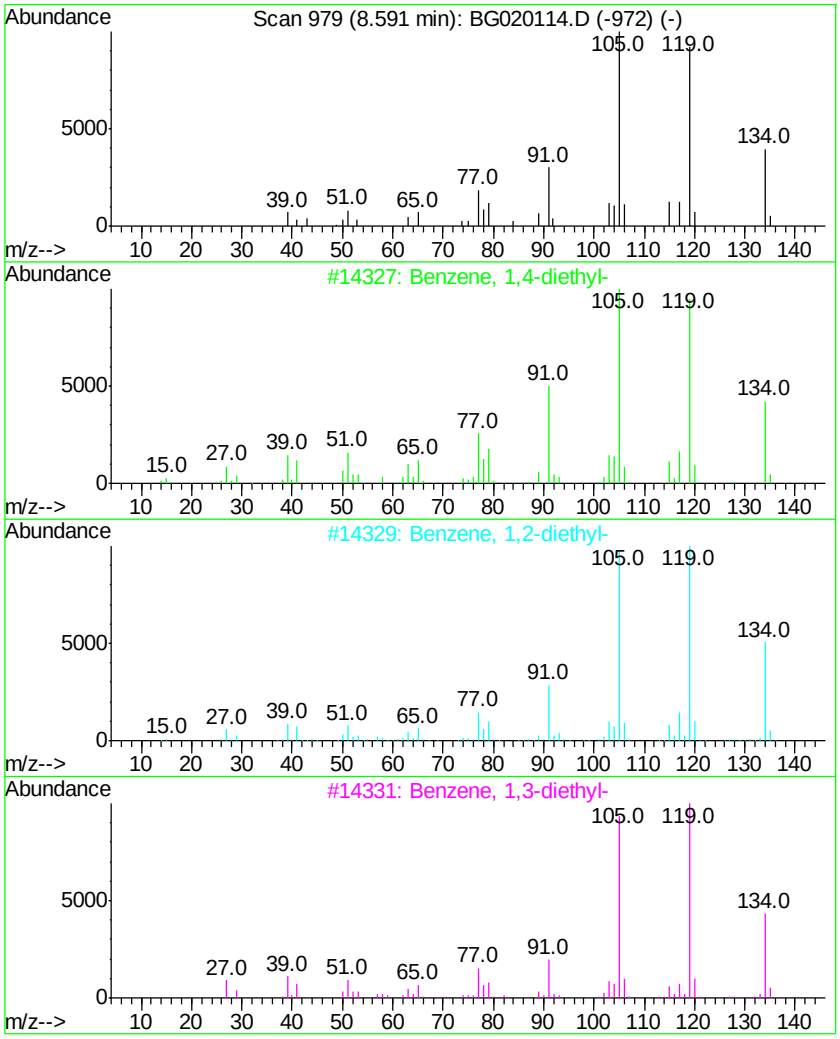
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

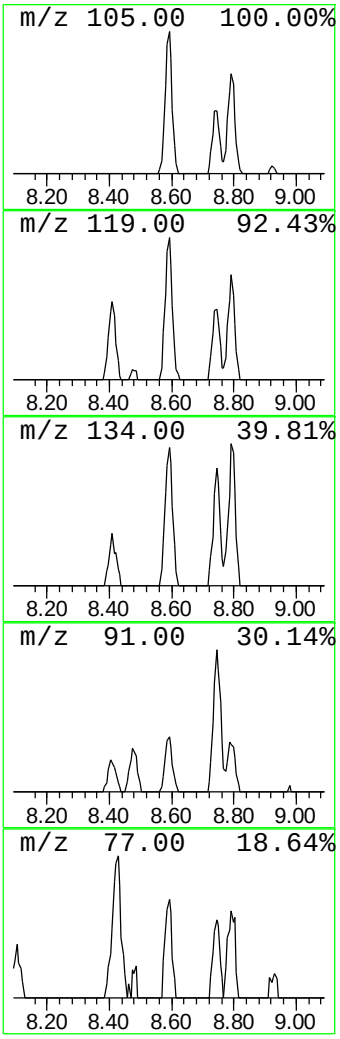
****

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	6.52 ng	39521	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

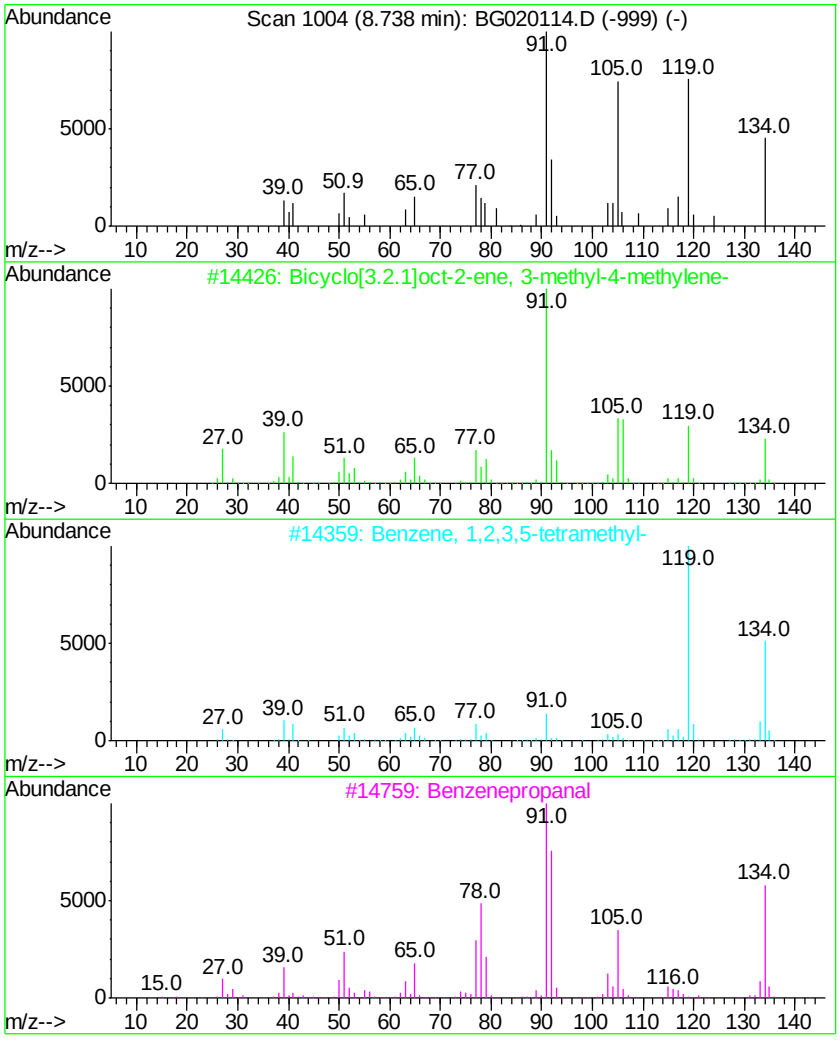
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

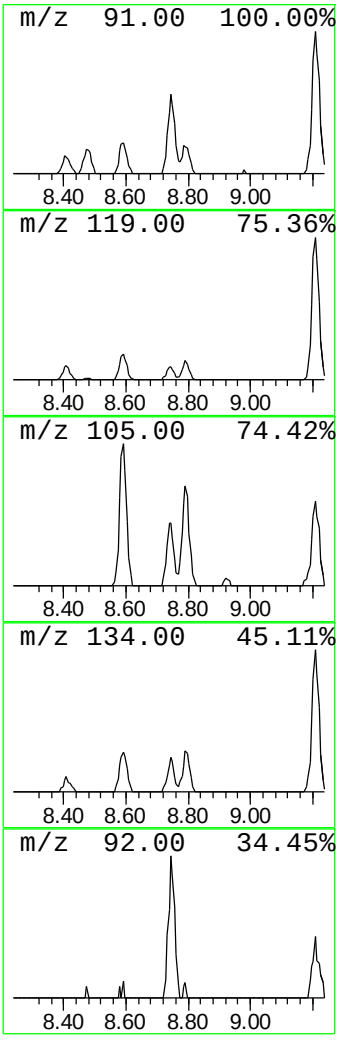
****

Peak Number 8 Bicyclo[3.2.1]oct-2-ene, 3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	5.91 ng	35838	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	68
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	52
3	Benzenepropanal	134	C9H10O	000104-53-0	52
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	52
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

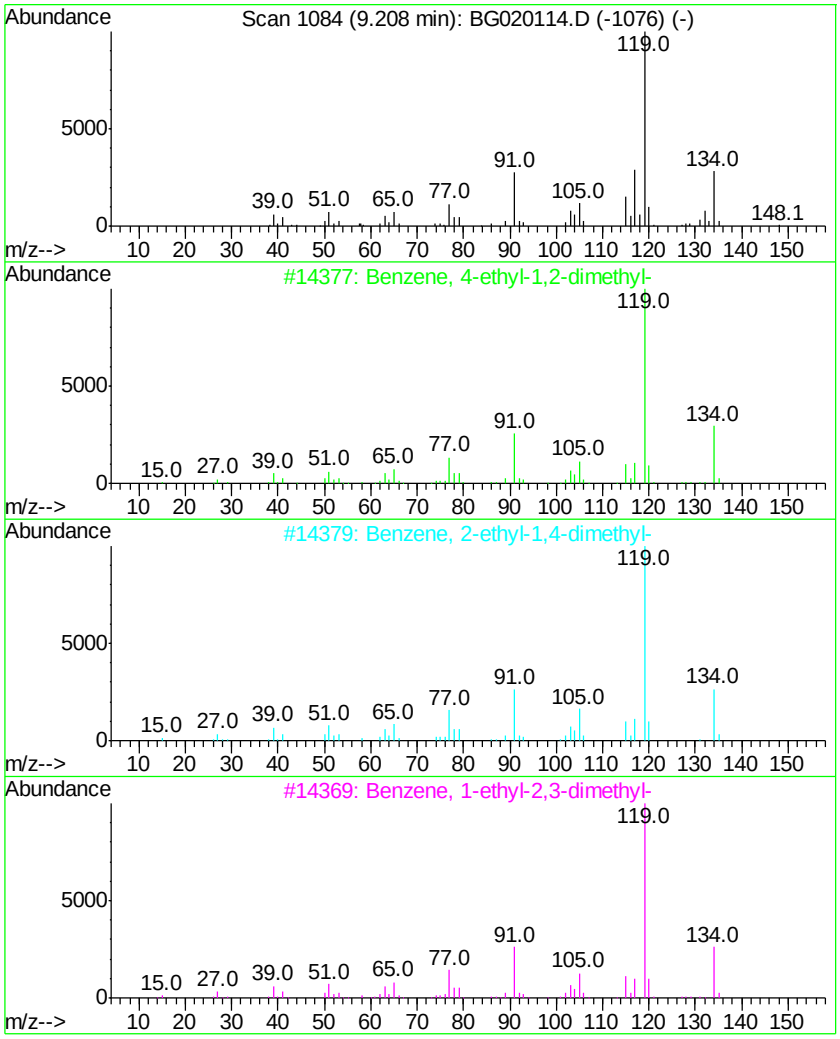
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

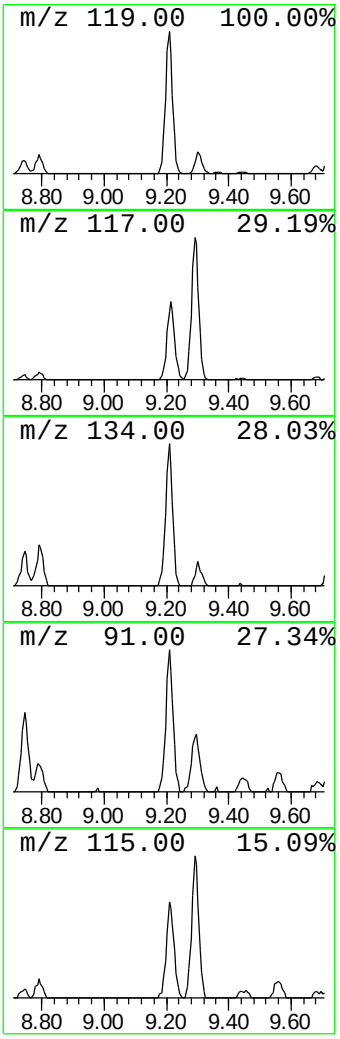
****

Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	28.78 ng	174400	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

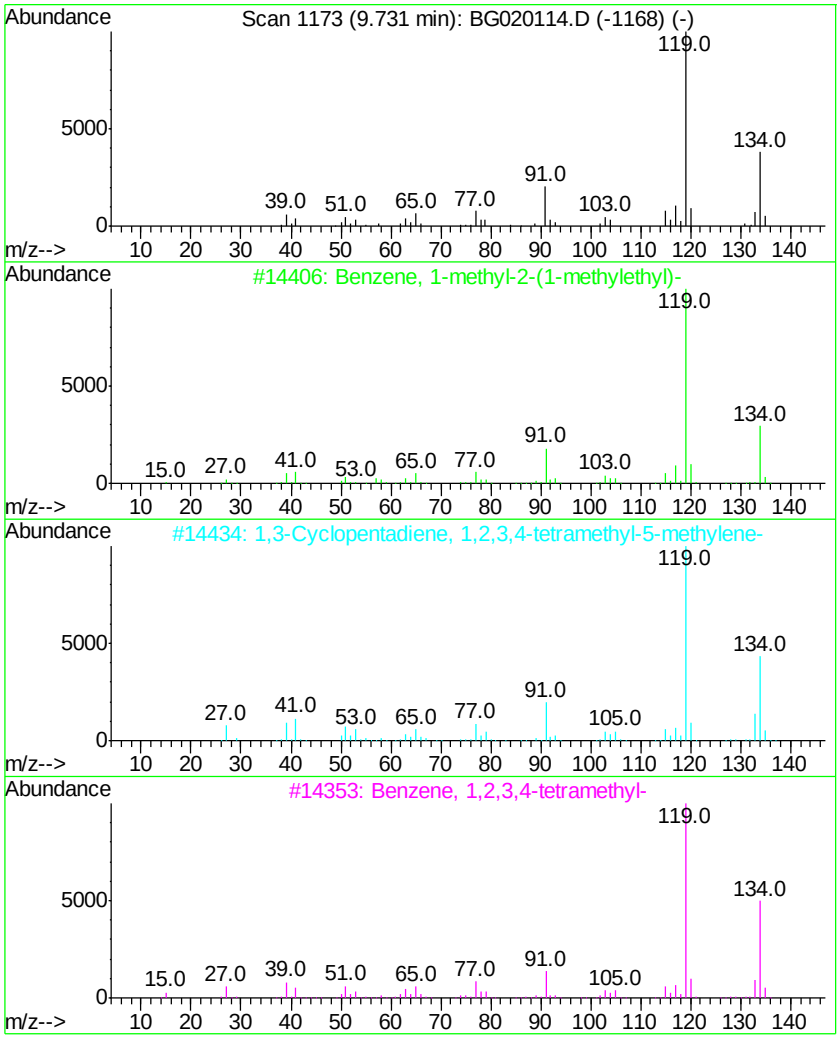
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

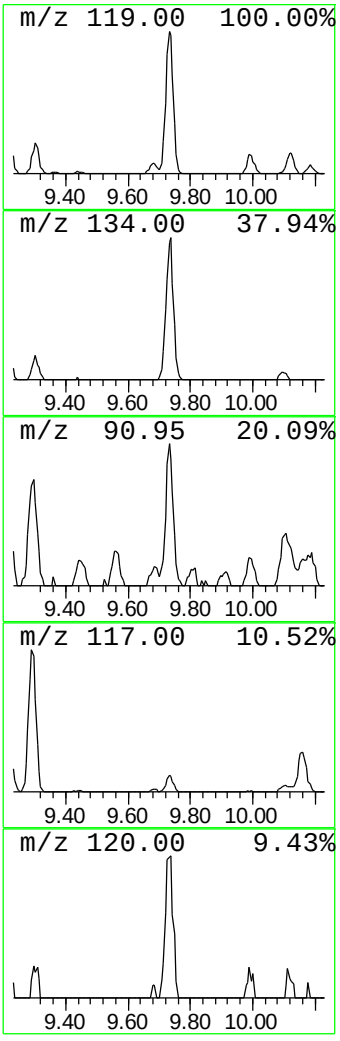
****

Peak Number 11 Benzene, 1-methyl-2-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	8.18 ng	99744	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

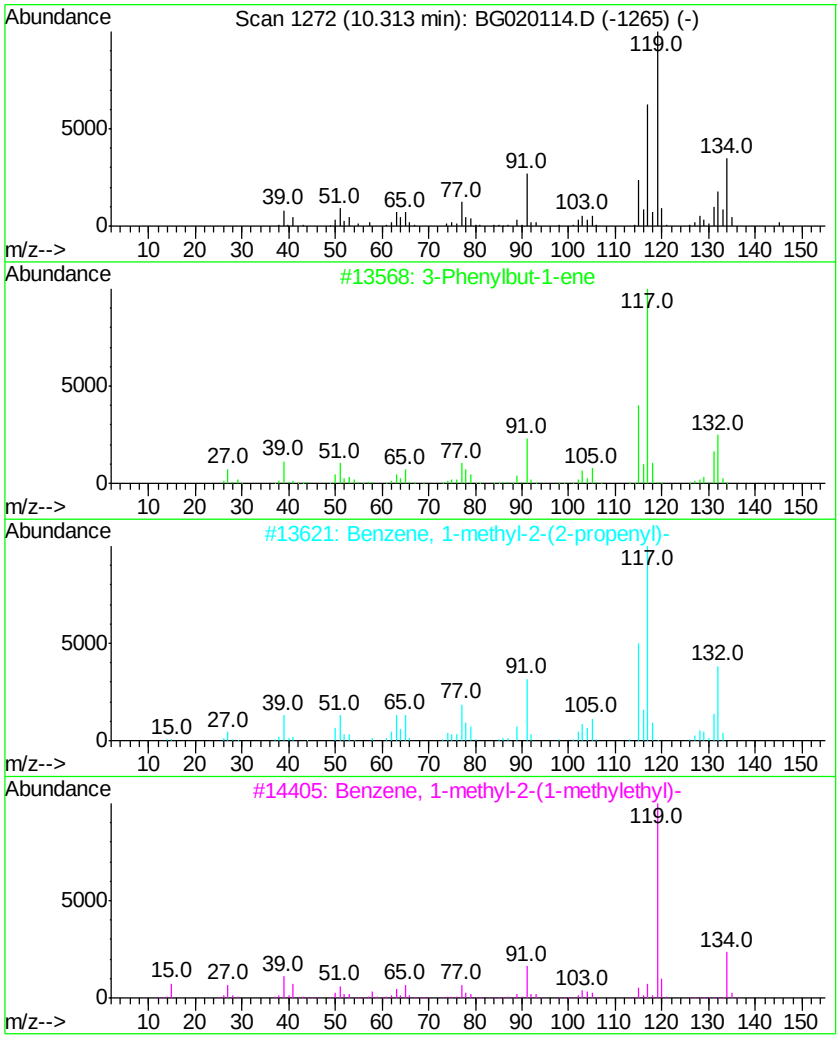
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

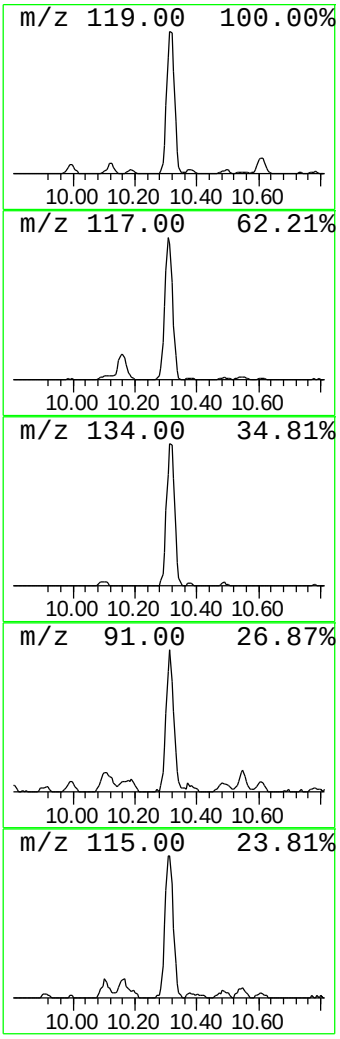
****

Peak Number 12 3-Phenylbut-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	27.46 ng	334723	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60





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Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

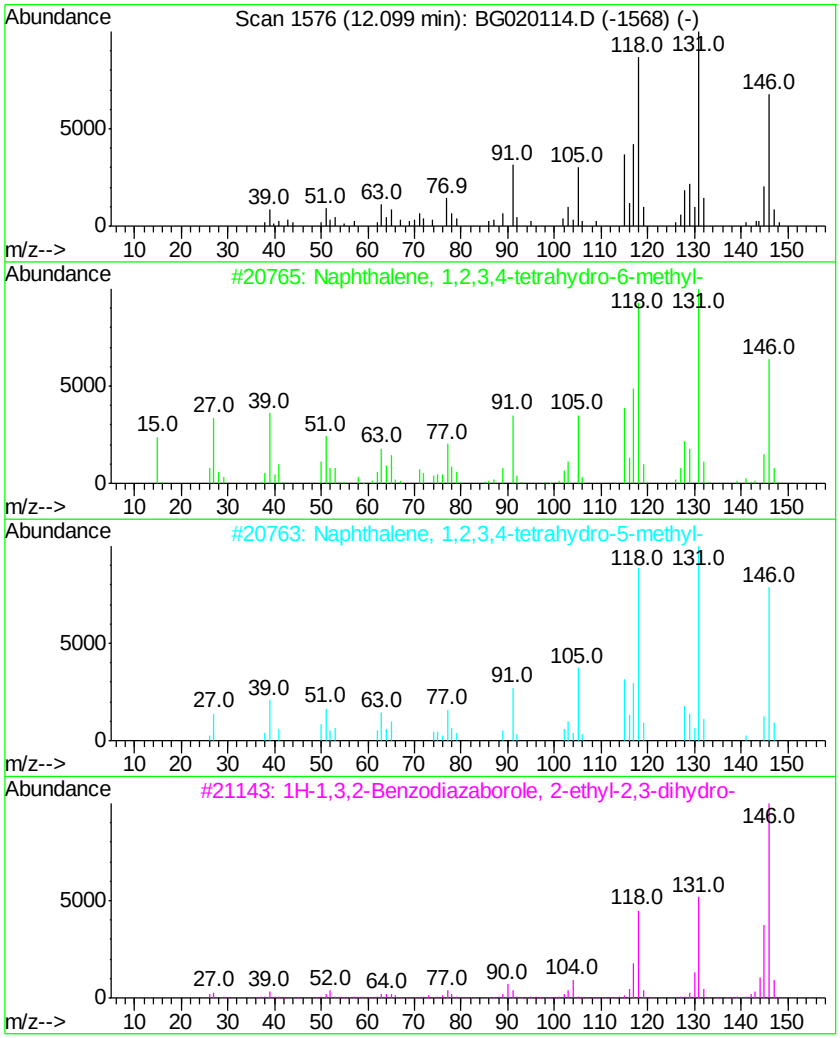
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

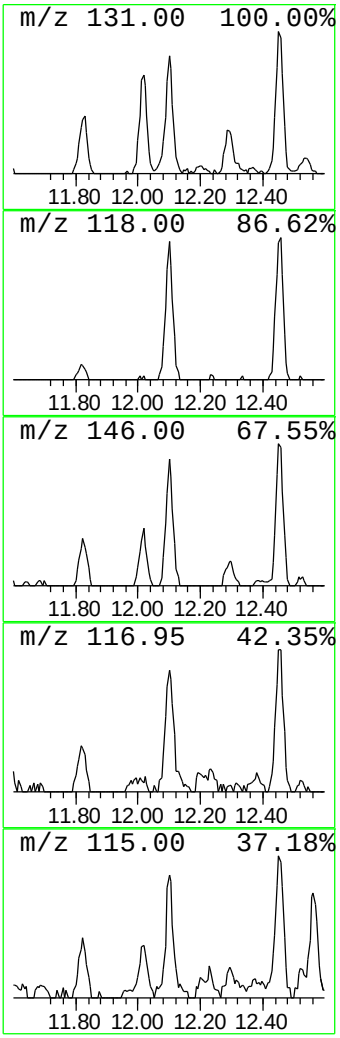
****

Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	7.04 ng	85819	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	81
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	68
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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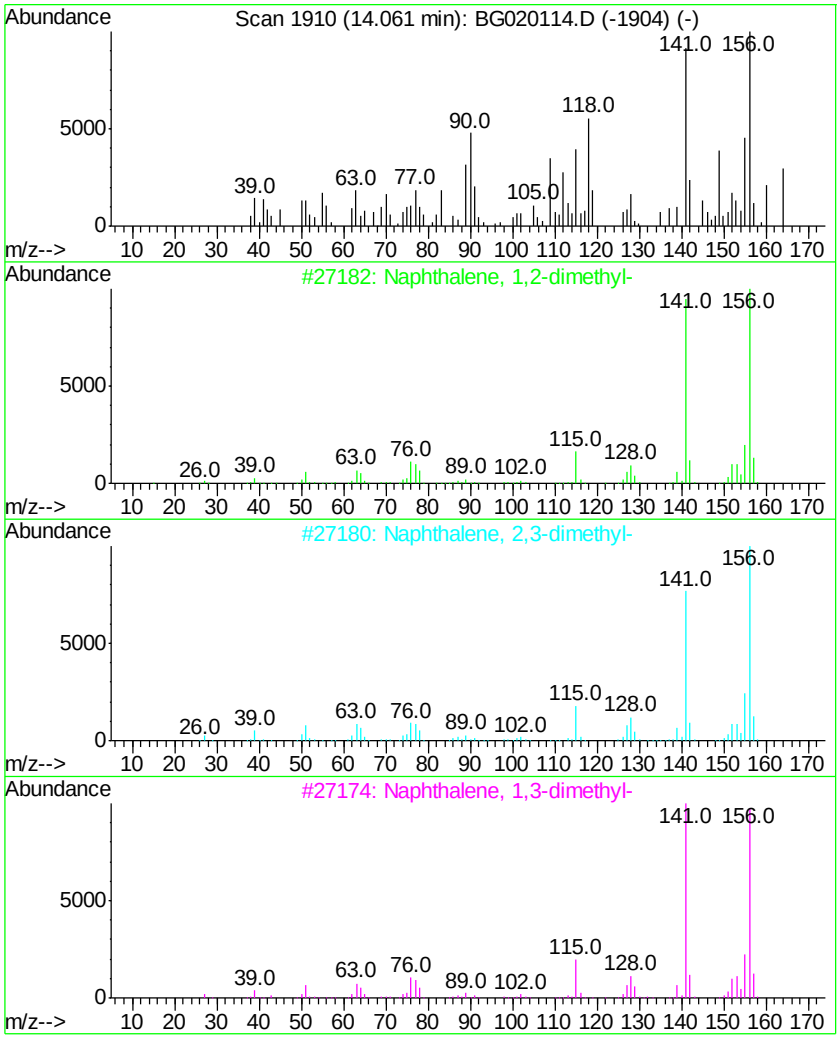
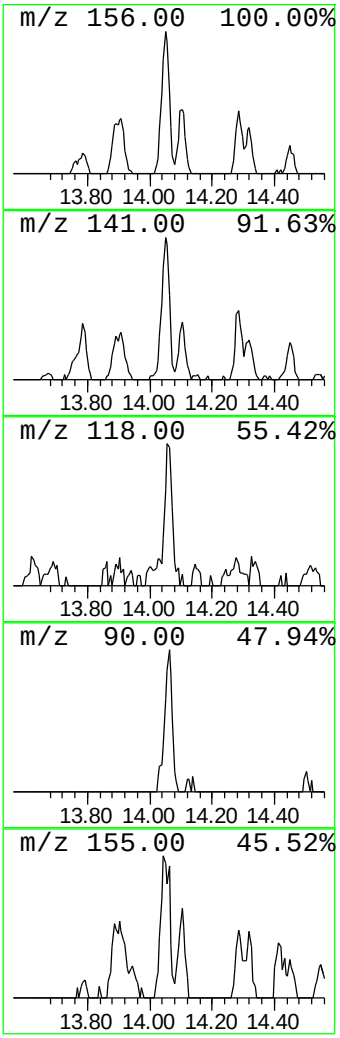
Peak Number 16 Naphthalene, 1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	6.12 ng	98337	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	83
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	64
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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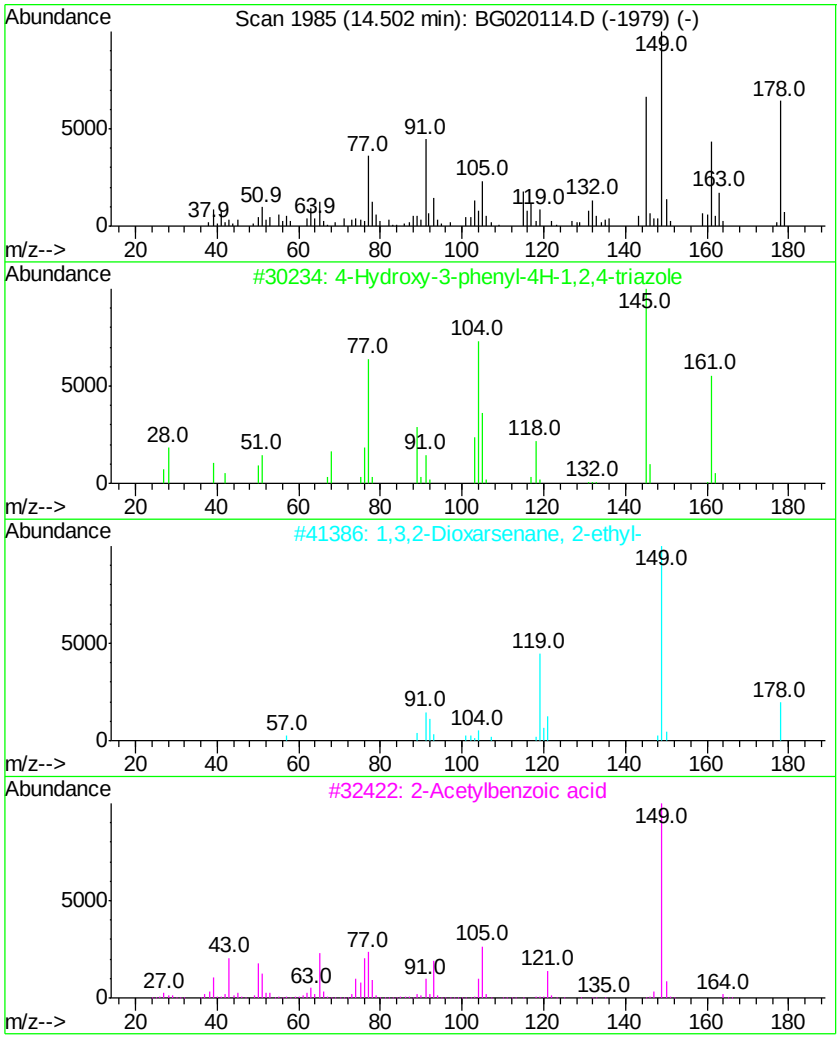
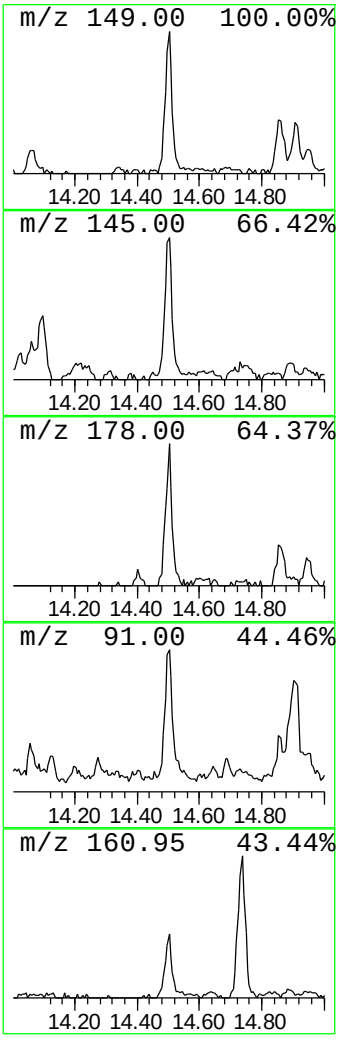
Peak Number 17 unknown14.50 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	5.98 ng	95977	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3-phenyl-4H-1,2,4-tria...	161	C8H7N3O	031409-47-9	42
2	1,3,2-Dioxarsenane, 2-ethyl-	178	C5H11AsO2	042541-31-1	35
3	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	27
4	2H-Isoindole, 4,7-dimethyl-	145	C10H11N	070187-62-1	25
5	Benzene, 1-isothiocyanato-2-methyl-	149	C8H7NS	000614-69-7	22





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Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

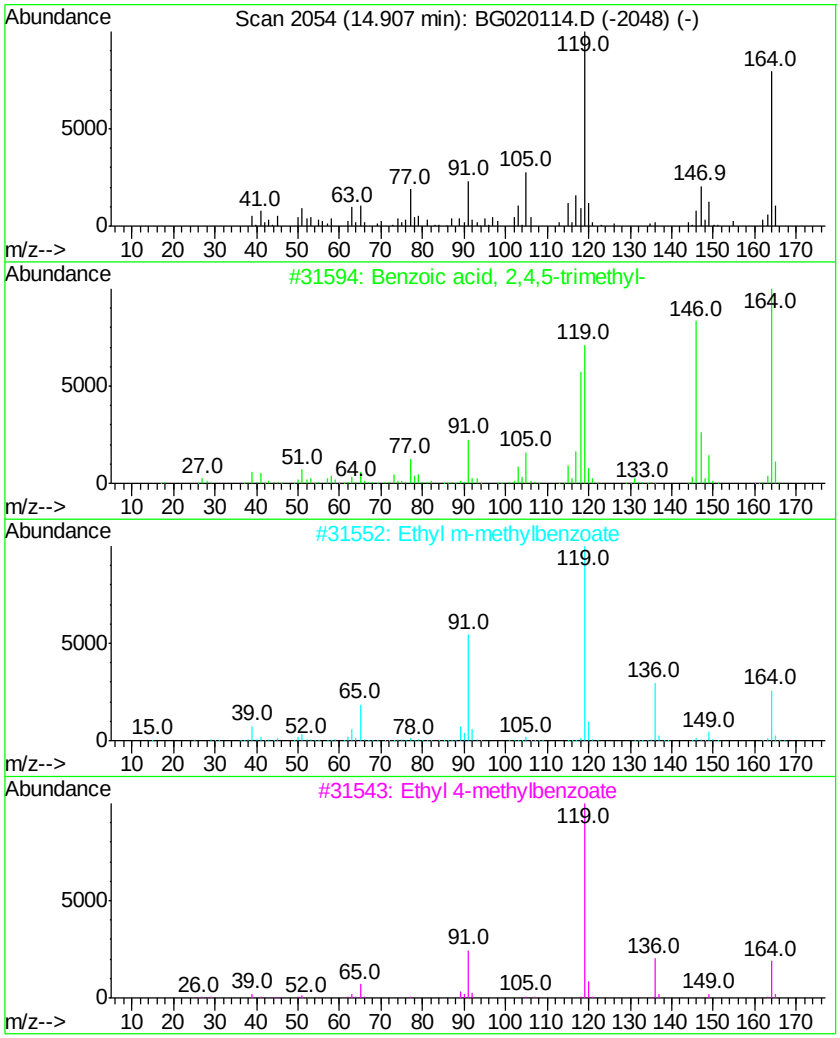
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

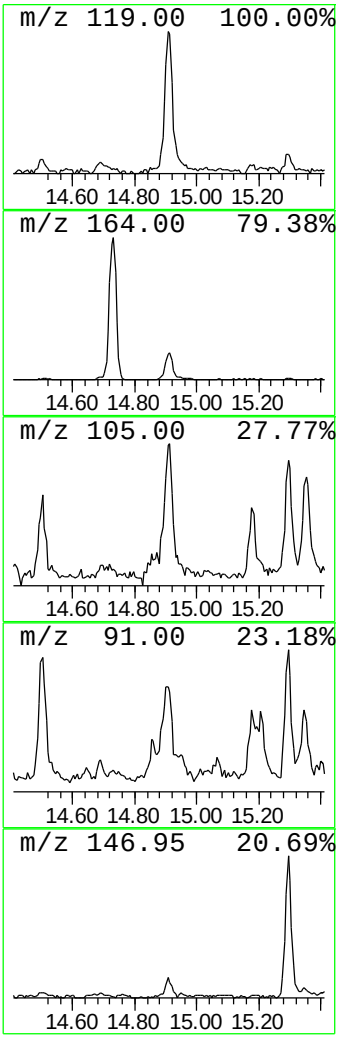
****

Peak Number 18 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	5.83 ng	93650	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	81
2	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	76
3	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	68
4	2-Amino-5-methyl-4(3H)-oxopyrrol...	164	C7H8N4O	065062-57-9	41
5	7-Benzofuranol, 2,3-dihydro-2,2-...	164	C10H12O2	001563-38-8	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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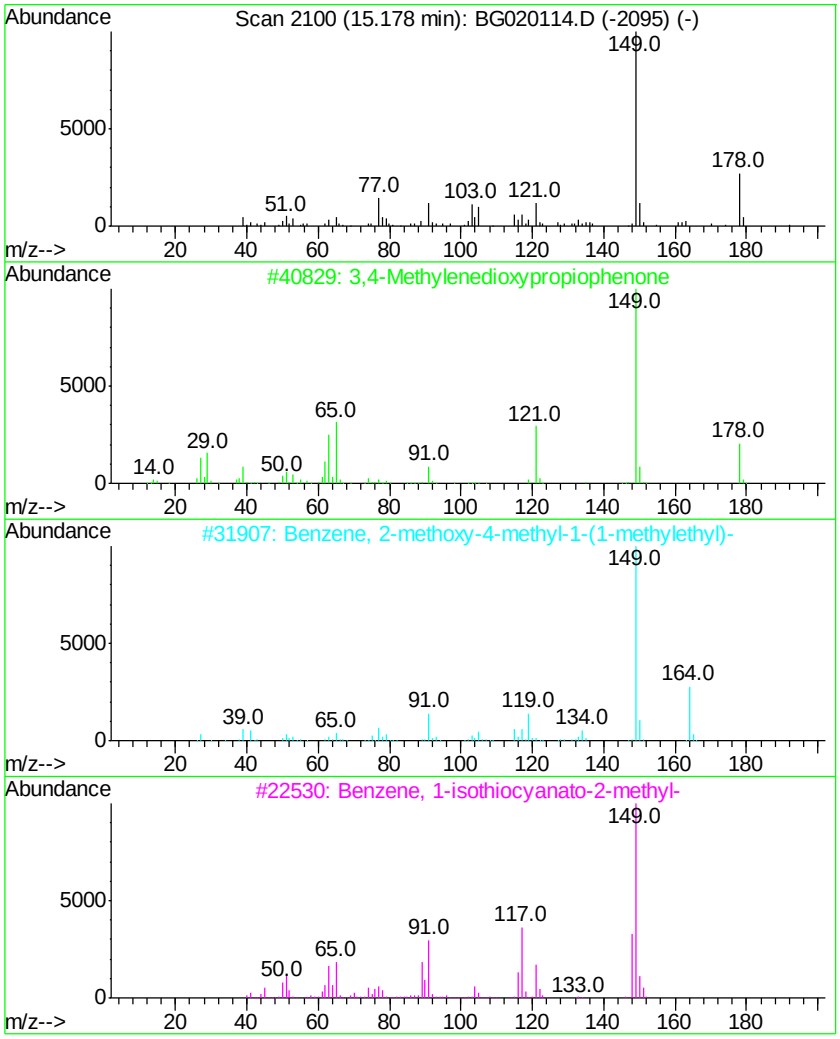
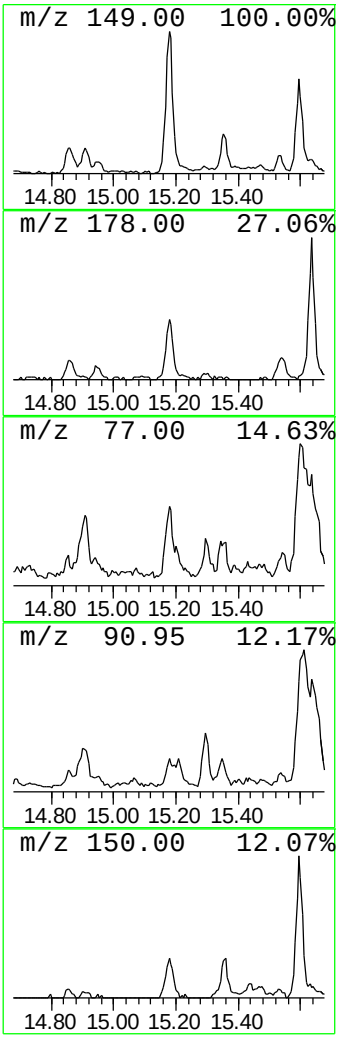
Peak Number 19 3,4-Methylenedioxypropiophe... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	5.81 ng	93324	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Methylenedioxypropiophenone	178	C10H10O3	028281-49-4	59
2	Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	53
3	Benzene, 1-isothiocyanato-2-methyl-	149	C8H7NS	000614-69-7	53
4	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	50
5	2-t-Butyl-5-[hydroxy-(2,4,6-trim...	306	C18H26O4	092572-63-9	50





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Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

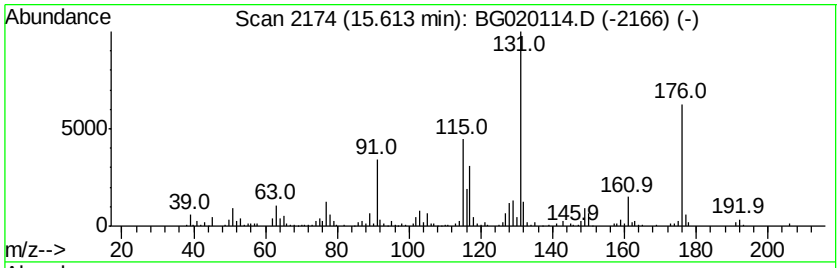
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

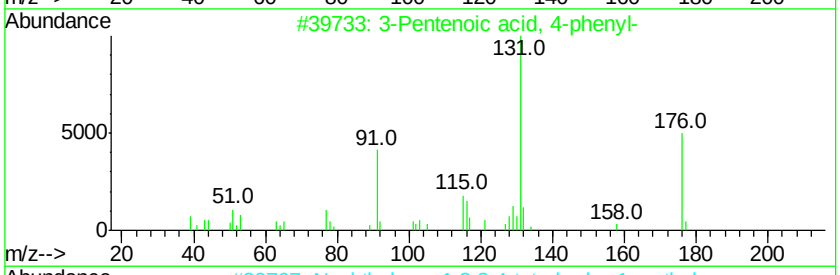
****

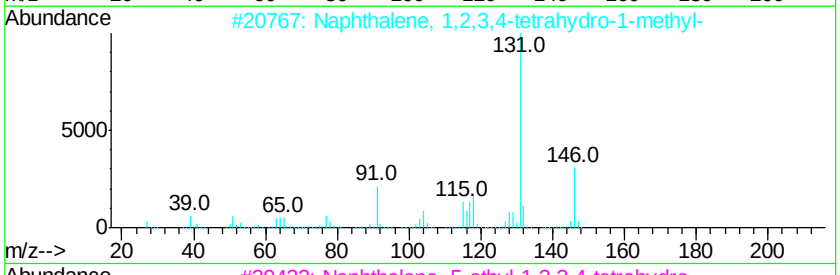
Peak Number 20 3-Pentenoic acid, 4-phenyl- Concentration Rank 5

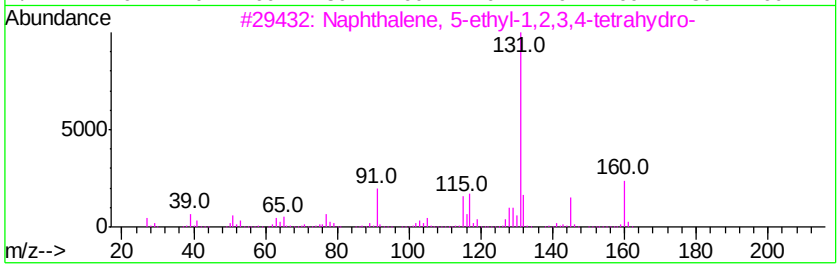
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	25.60 ng	411154	Acenaphthene-d10	14.73

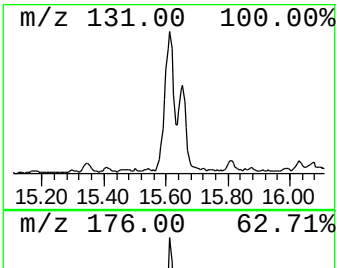
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	62
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	52
3	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	49
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	47
5	Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	43

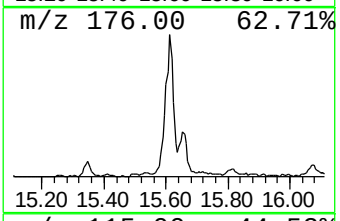


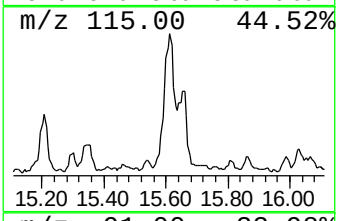


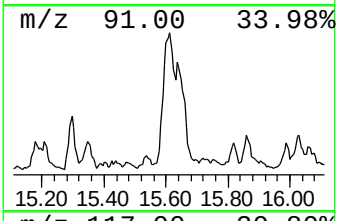


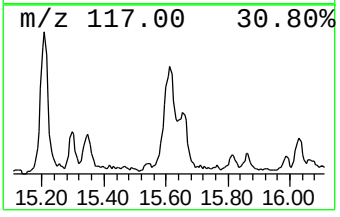












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
Data File : BG020114.D
Acq On : 11 Dec 2015 20:07
Operator : UM/SJ
Sample : G4729-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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...	3.20	10.5	ng	63633	1	8.10	121202	20.0
unknown5.17	5.17	10.9	ng	66037	1	8.10	121202	20.0
unknown7.63	7.63	91.8	ng	556332	1	8.10	121202	20.0
Benzene, 1-methyl...	8.00	5.5	ng	33657	1	8.10	121202	20.0
Benzene, 1,4-diet...	8.59	6.5	ng	39521	1	8.10	121202	20.0
Bicyclo[3.2.1]oct...	8.74	5.9	ng	35838	1	8.10	121202	20.0
Benzene, 4-ethyl-...	9.21	28.8	ng	174400	1	8.10	121202	20.0
Benzene, 1-methyl...	9.73	8.2	ng	99744	2	10.92	243810	20.0
3-Phenylbut-1-ene	10.31	27.5	ng	334723	2	10.92	243810	20.0
Naphthalene, 1,2,...	12.10	7.0	ng	85819	2	10.92	243810	20.0
Naphthalene, 1,2-...	14.06	6.1	ng	98337	3	14.73	321211	20.0
unknown14.50	14.50	6.0	ng	95977	3	14.73	321211	20.0
Benzoic acid, 2,4...	14.91	5.8	ng	93650	3	14.73	321211	20.0
3,4-Methylenedиox...	15.18	5.8	ng	93324	3	14.73	321211	20.0
3-Pentenoic acid,...	15.61	25.6	ng	411154	3	14.73	321211	20.0