LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060817\
Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

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-BG060517.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	5.703	335	343	350	rBV	57023	97889	2.11%	0.269%
2	6.144	410	418	428	rBV	500975	865409	18.67%	2.376%
3	7.689	672	681	690	rBV	327423	622374	13.43%	1.709%
4	8.089	741	749	758	rBV	923366	1693549	36.54%	4.649%
5	8.559	814	829	837	rBV	182411	362050	7.81%	0.994%
6	8.882	868	884	890	rBV	717080	1402930	30.27%	3.851%
7	8.935	890	893	900	rVB	120308	184707	3.99%	0.507%
8	9.035	903	910	916	rBV	69156	114916	2.48%	0.315%
9	9.193	929	937	940	rBV4	26003	50052	1.08%	0.137%
10	9.240	940	945	954	rVB4	43159	89725	1.94%	0.246%
11	9.663	1012	1017	1020	rBV3	46338	85342	1.84%	0.234%
12	9.722	1020	1027	1040	rVB2	733538	1644778	35.49%	4.515%
13	10.010	1071	1076	1083	rVB2	34182	65716	1.42%	0.180%
14	10.174	1099	1104	1113	rVB	132191	235190	5.07%	0.646%
15	10.280	1113	1122	1130	rVB5	24556	50729	1.09%	0.139%
16	10.433	1143	1148	1161	rVB3	34279	85622	1.85%	0.235%
17	10.550	1161	1168	1174	rBV4	84004	200044	4.32%	0.549%
18	10.609	1174	1178	1192	rVB4	48235	129901	2.80%	0.357%
19	10.756	1192	1203	1210	rBV	177773	343895	7.42%	0.944%
20	10.926	1222	1232	1238	rBV5	35691	95779	2.07%	0.263%
21	11.050	1246	1253	1266	rBV4	98421	238839	5.15%	0.656%
22	11.232	1278	1284	1288	rBV8	21678	55124	1.19%	0.151%
23	11.349	1295	1304	1305	rBV	163123	317289	6.85%	0.871%
24	11.379	1305	1309	1315	rVB2	223027	438751	9.47%	1.204%
25	11.479	1320	1326	1332	rVB	188991	353485	7.63%	0.970%
26	11.573	1335	1342	1349	rBV2	66847	138793	2.99%	0.381%
27	11.731	1363	1369	1374	rBV7	56836	142141	3.07%	0.390%
28	11.831	1382	1386	1393	rVB2	113678	203502	4.39%	0.559%
29	11.902	1393	1398	1400	rBV2	38247	59304	1.28%	0.163%
30	11.943	1400	1405	1413	rVV2	113468	247054	5.33%	0.678%
31	12.019	1413	1418	1421	rVV2	81742	144950	3.13%	0.398%
32	12.066	1422	1426	1432	rVB2	91275	169599	3.66%	0.466%
33	12.131	1432	1437	1439	rBV4	28907	49679	1.07%	0.136%
34	12.196	1443	1448	1453	rVV4	83832	160565	3.46%	0.441%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060817\
Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

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-BG060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.260	1453	1459	1464	rVB	143769	235150	5.07%	0.646%
36	12.331	1468	1471	1476	rVB3	32249	47717	1.03%	0.131%
37	12.407	1477	1484	1487	rBV6	78448	179782	3.88%	0.494%
38	12.448	1487	1491	1500	rVB3	180206	368348	7.95%	1.011%
39	12.542	1500	1507	1513	rBV4	109620	269327	5.81%	0.739%
40	12.654	1522	1526	1532	rVB2	103597	200523	4.33%	0.550%
41	12.718	1532	1537	1543	rBV3	171692	346042	7.47%	0.950%
42	12.877	1559	1564	1572	rVB4	230396	452732	9.77%	1.243%
43	12.953	1572	1577	1584	rBV6	92782	195052	4.21%	0.535%
44	13.018	1584	1588	1592	rBV5	46209	75057	1.62%	0.206%
45	13.177	1611	1615	1616	rBV3	61263	79705	1.72%	0.219%
46	13.230	1620	1624	1627	rVV2	134134	248220	5.36%	0.681%
47	13.277	1628	1632	1641	rVB5	211856	540578	11.66%	1.484%
48	13.365	1641	1647	1651	rBV4	82958	194766	4.20%	0.535%
49	13.553	1673	1679	1684	rBV7	64943	172442	3.72%	0.473%
50	13.612	1686	1689	1693	rVB4	63783	91715	1.98%	0.252%
51	13.664	1693	1698	1699	rBV3	81792	116844	2.52%	0.321%
52	13.764	1708	1715	1725	rVB	1933857	3233840	69.78%	8.877%
53	13.858	1727	1731	1735	rBV4	65229	112671	2.43%	0.309%
54	13.976	1744	1751	1759	rBV10	79151	229066	4.94%	0.629%
55	14.264	1795	1800	1804	rBV	194938	337967	7.29%	0.928%
56	14.311	1804	1808	1812	rVV4	131999	212670	4.59%	0.584%
57	14.575	1849	1853	1856	rVB4	88821	132249	2.85%	0.363%
58	14.693	1868	1873	1876	rBV2	148424	260902	5.63%	0.716%
59	14.775	1884	1887	1893	rVB5	154656	260652	5.62%	0.716%
60	14.957	1911	1918	1922	rBV9	93742	286697	6.19%	0.787%
61	15.139	1943	1949	1956	rVB2	600090	1120744	24.18%	3.077%
62	15.210	1956	1961	1967	rBV4	162597	332359	7.17%	0.912%
63	15.521	2010	2014	2023	rVB5	177032	401209	8.66%	1.101%
64	15.615	2024	2030	2034	rBV4	168002	372647	8.04%	1.023%
65	16.079	2106	2109	2114	rVB4	125490	175279	3.78%	0.481%
66	16.185	2122	2127	2132	rBV5	199123	401910	8.67%	1.103%
67	16.308	2144	2148	2157	rVB2	314625	658544	14.21%	1.808%
68	16.520	2179	2184	2189	rBV	262316	489706	10.57%	1.344%
69	16.626	2196	2202	2217	rVB	1565984	2958130	63.83%	8.121%
70	16.820	2230	2235	2239	rBV5	172660	366702	7.91%	1.007%
71	17.889	2412	2417	2423	rVB2	599186	972216	20.98%	2.669%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060817\
Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

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-BG060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.523	2522	2525	2534	rVB4	134642	306883	6.62%	0.842%
73	18.741	2558	2562	2567	rVB2	244770	328721	7.09%	0.902%
74	18.817	2572	2575	2581	rVB	211959	296691	6.40%	0.814%
75	19.992	2771	2775	2785	rVB	259113	390267	8.42%	1.071%
76	20.468	2850	2856	2868	rVB	3320874	4634595	100.00%	12.723%
77	22.272	3156	3163	3173	rVB	563844	1132573	24.44%	3.109%
78	25.956	3779	3790	3802	rVB2	323173	1068126	23.05%	2.932%

Sum of corrected areas: 36427688

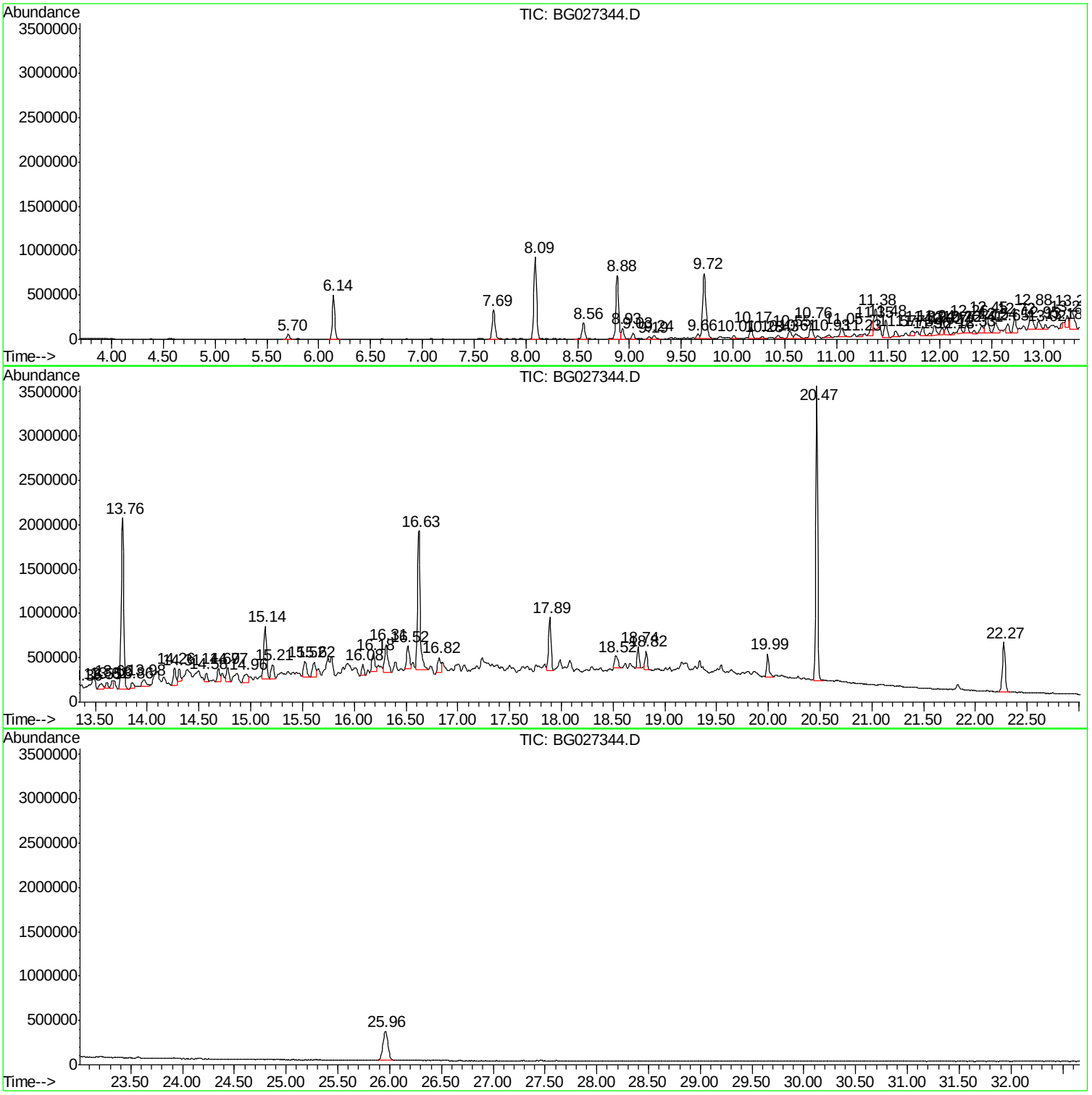
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060817\
Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060817\
Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

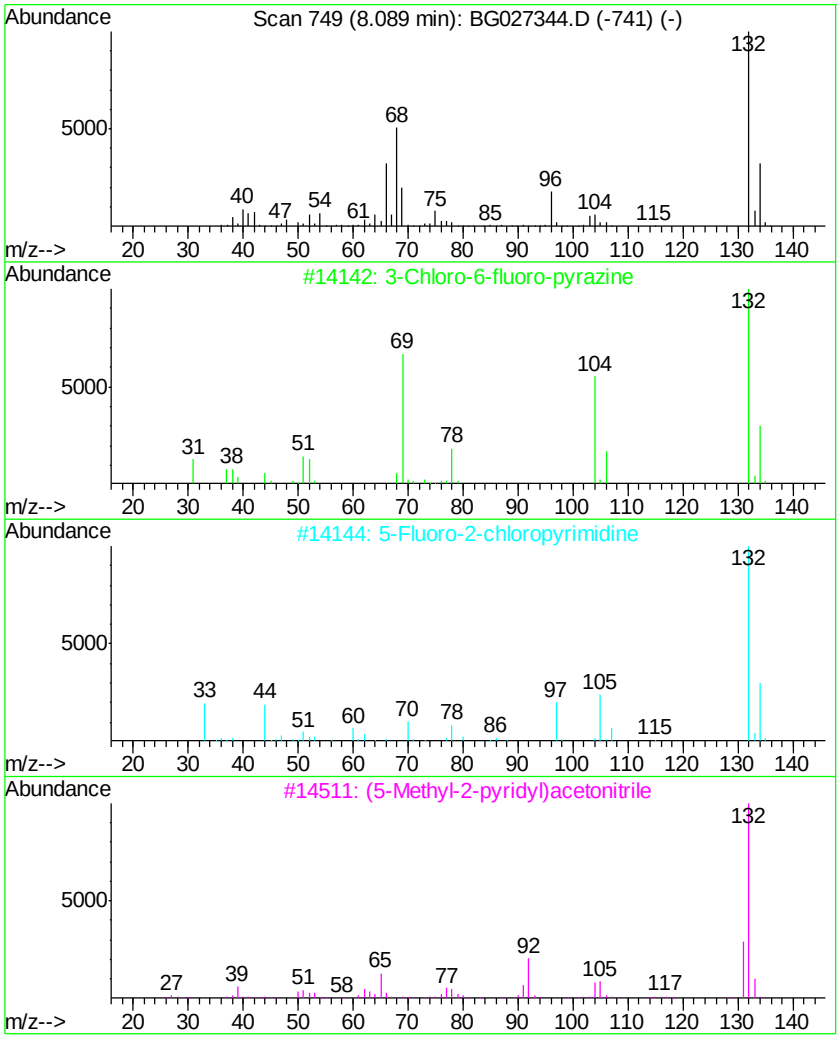
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

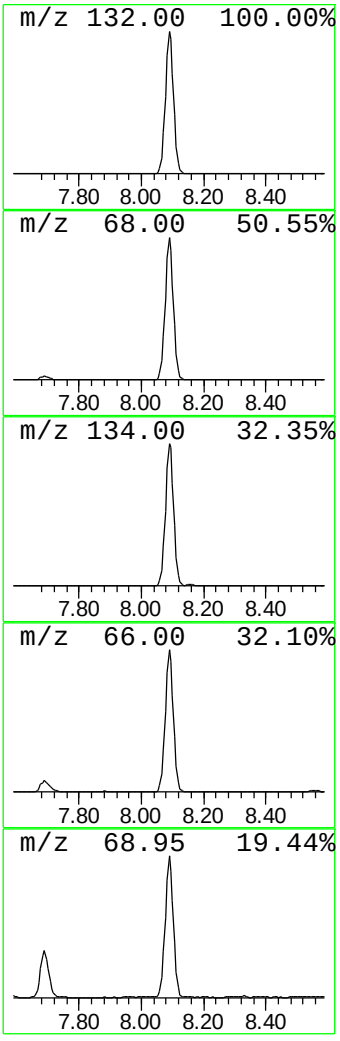
****

Peak Number 1 unknown8.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	93.55 ng	1693550	1,4-Dichlorobenzene-d4	8.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





Data Path : Z:\HPCHEM1\BNA_G\Data\BG060817\
Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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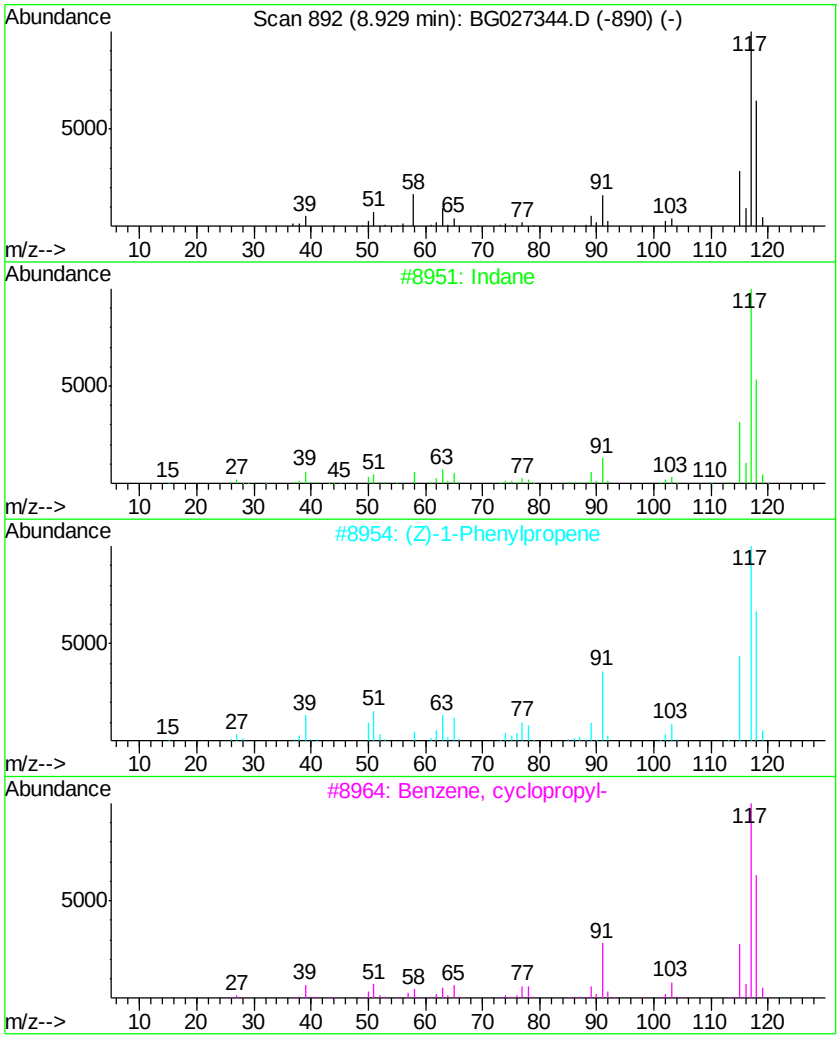
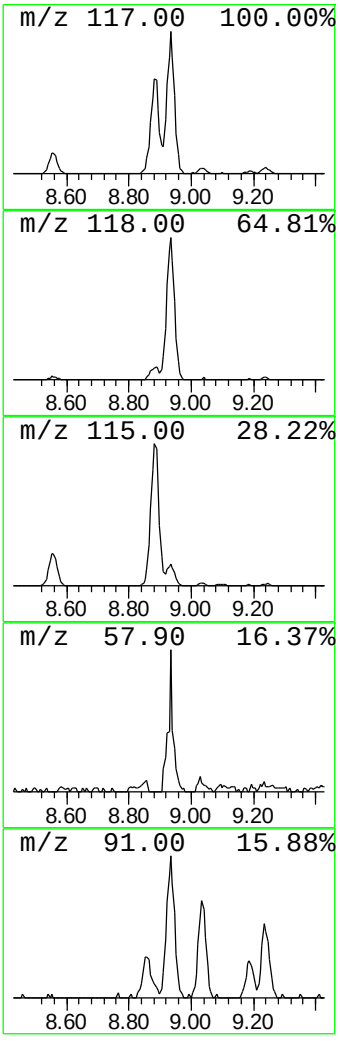
Peak Number 3 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	10.20 ng	184707	1,4-Dichlorobenzene-d4	8.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Data Path : Z:\HPCHEM1\BNA_G\Data\BG060817\
Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

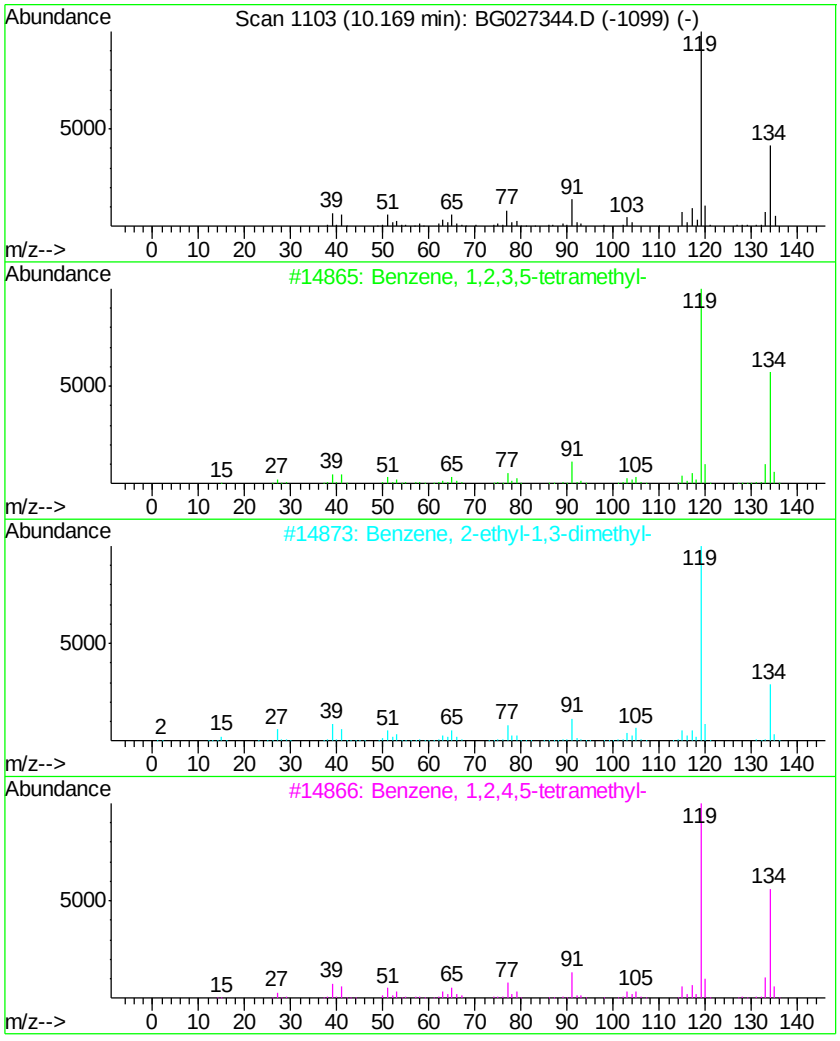
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

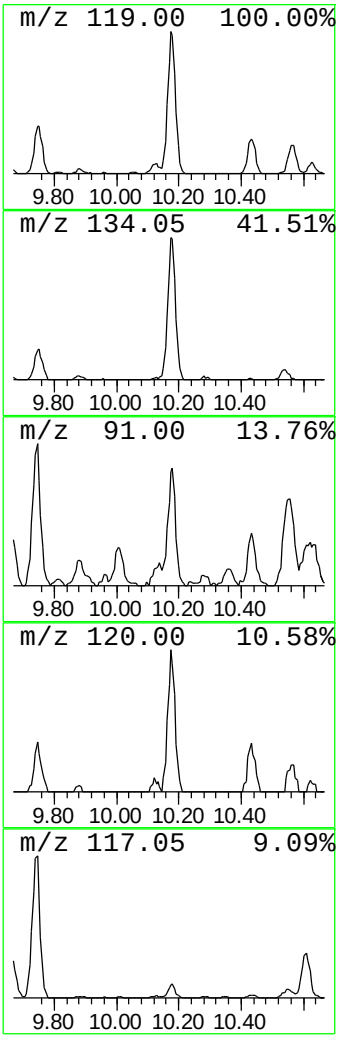
****

Peak Number 4 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	10.72 ng	235190	Naphthalene-d8	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\HPCHEM1\BNA_G\Data\BG060817\
Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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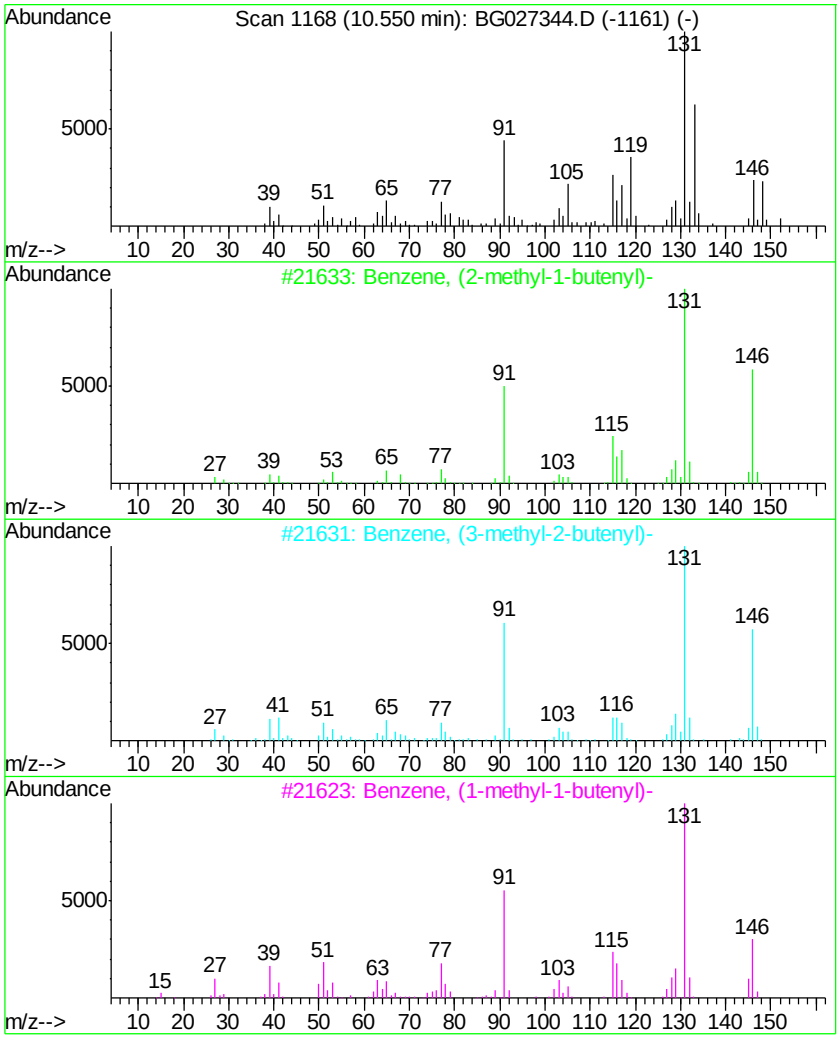
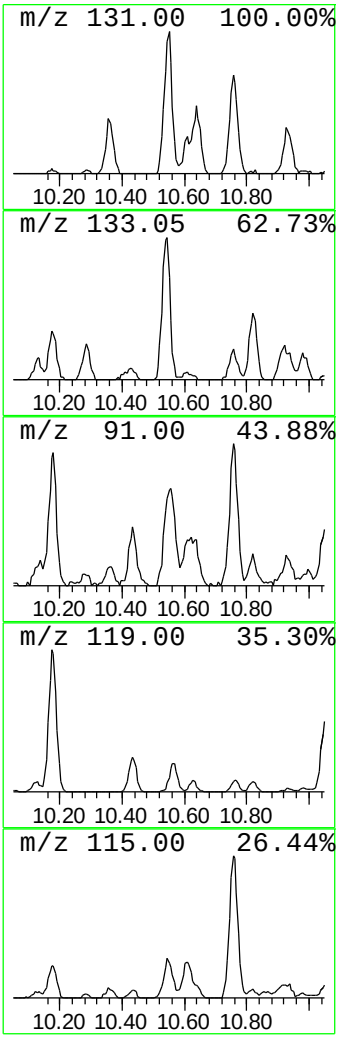
Peak Number 5 Benzene, (2-methyl-1-butenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	9.12 ng	200044	Naphthalene-d8	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
4	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	78
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64





Data Path : Z:\HPCHEM1\BNA_G\Data\BG060817\
Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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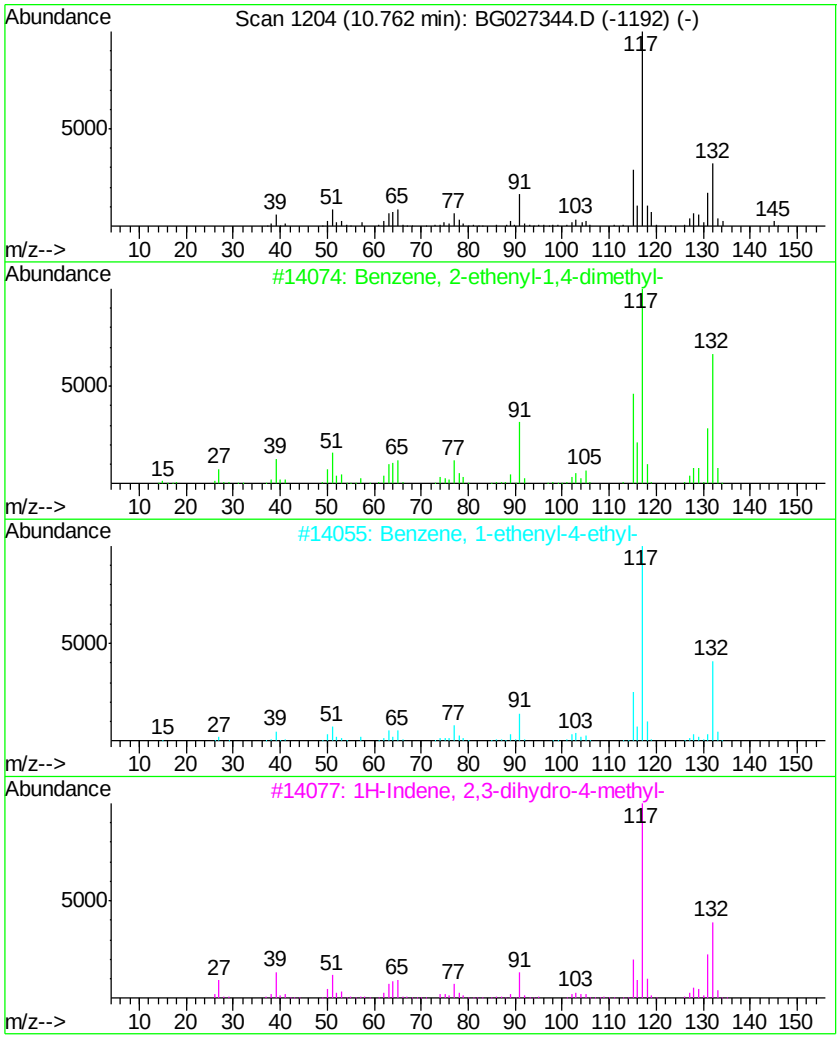
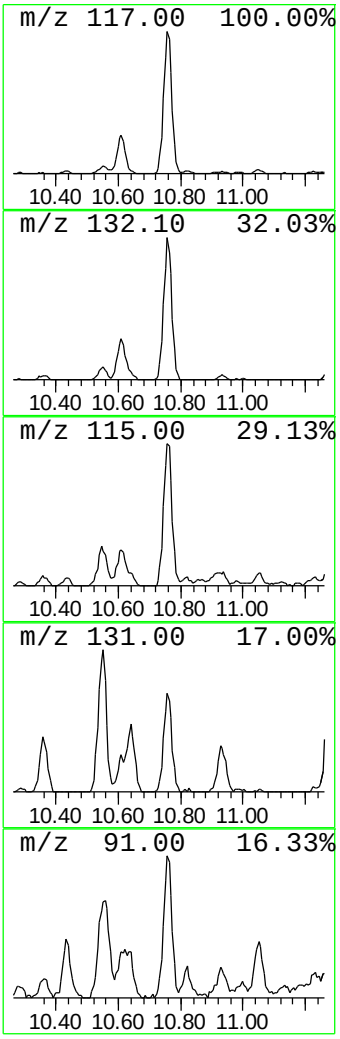
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	15.68 ng	343895	Naphthalene-d8	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Data Path : Z:\HPCHEM1\BNA_G\Data\BG060817\
Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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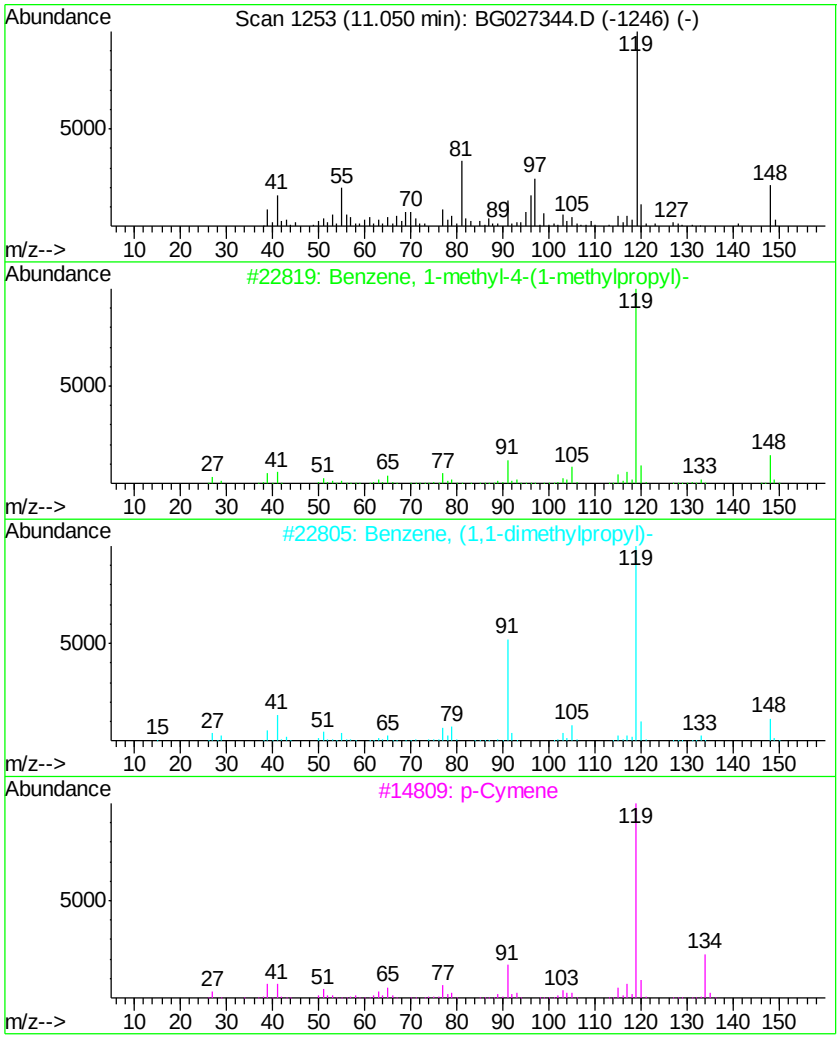
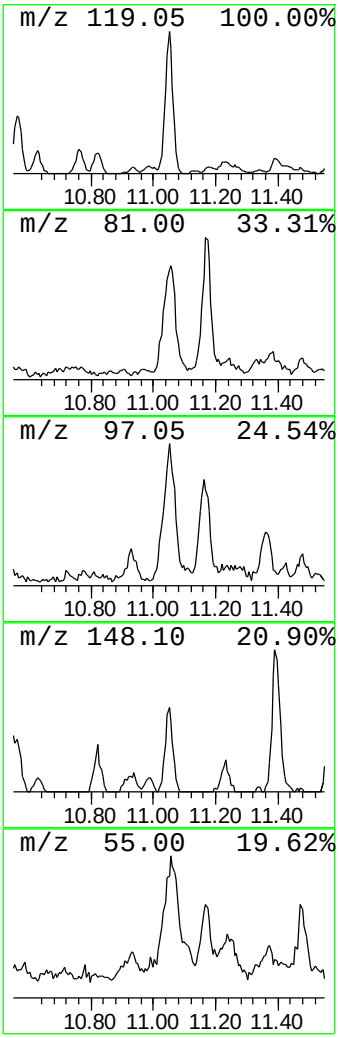
Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	10.89 ng	238839	Naphthalene-d8	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3	p-Cymene	134	C10H14	000099-87-6	49
4	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	47
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	47





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Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

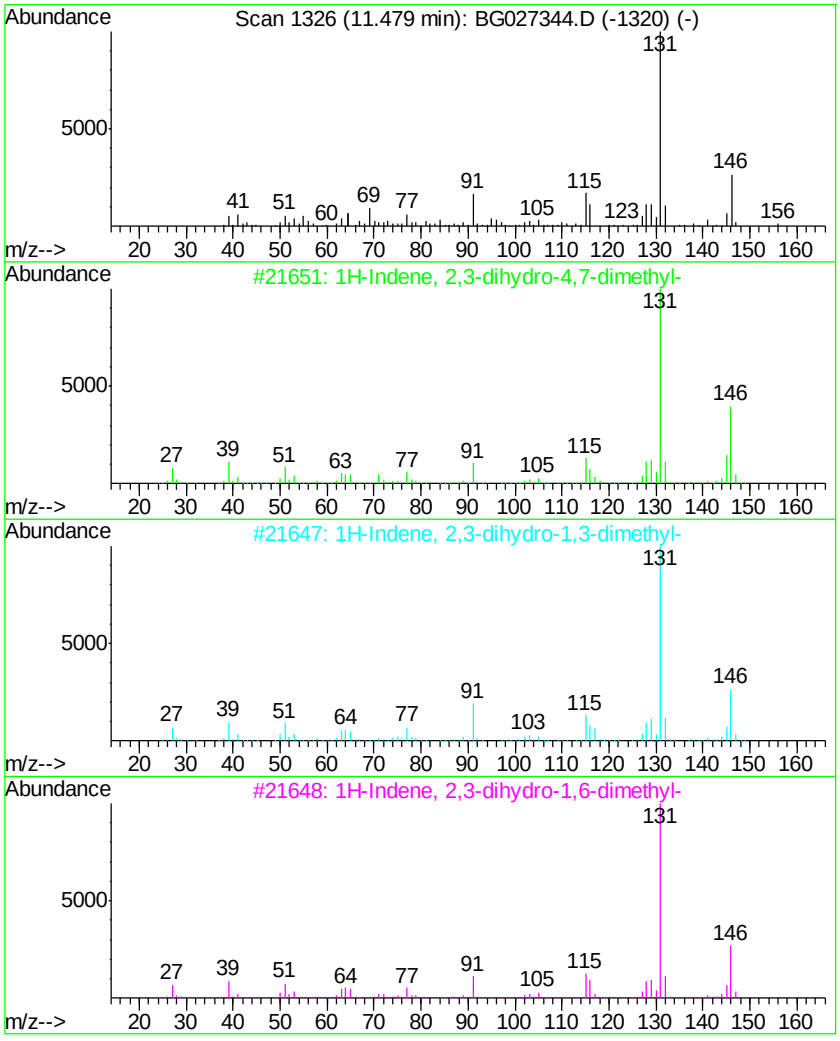
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

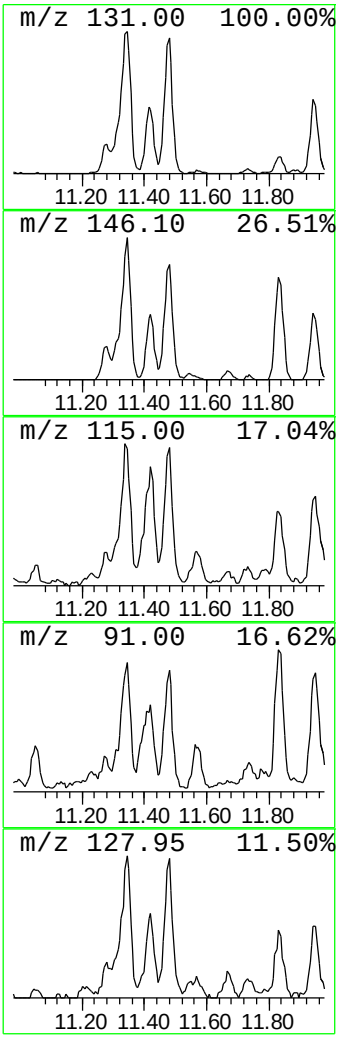
****

Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	16.11 ng	353485	Naphthalene-d8	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90





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Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

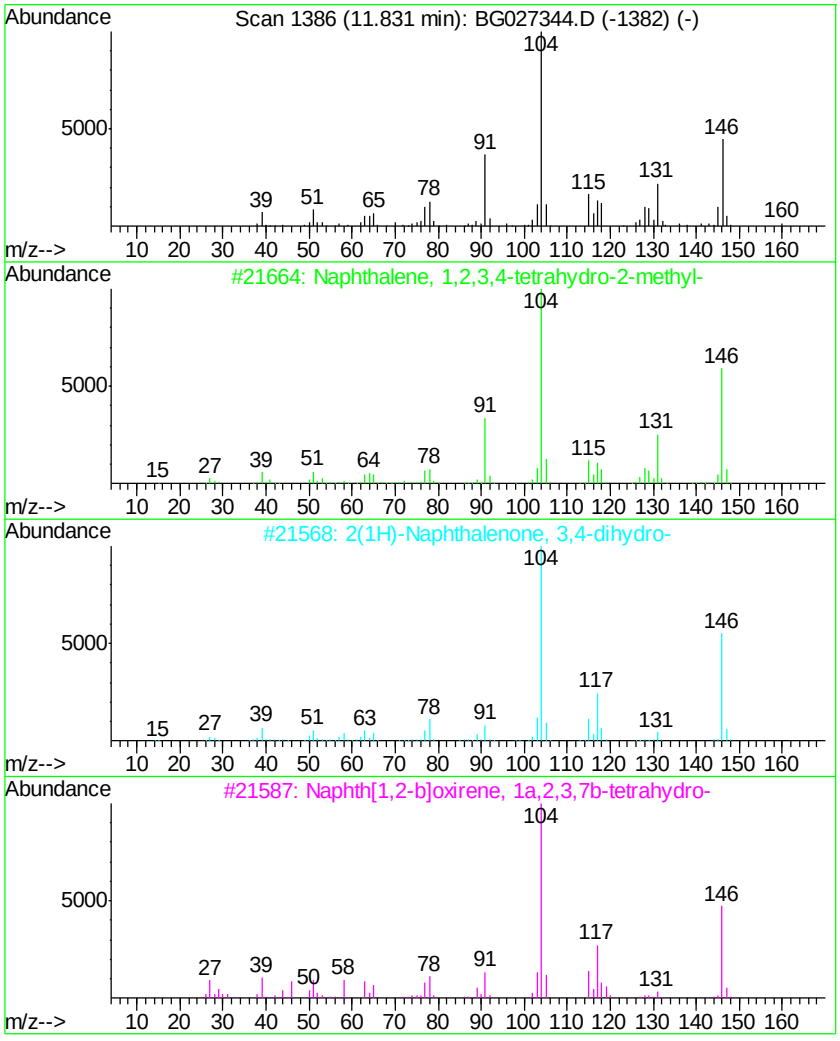
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

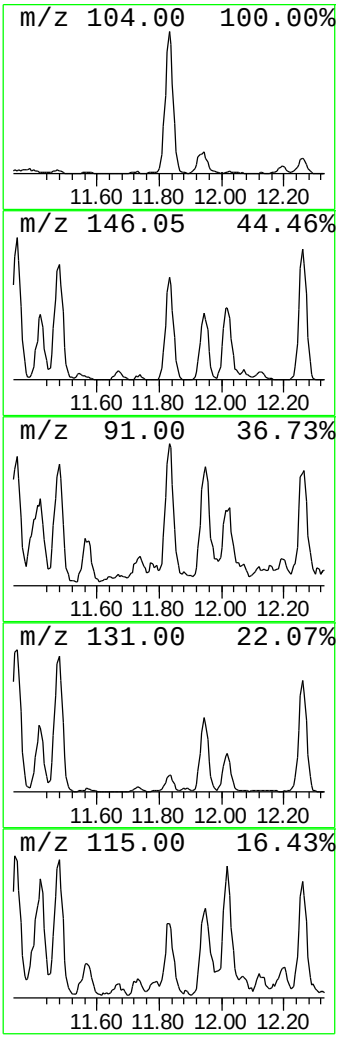
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	9.28 ng	203502	Naphthalene-d8	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	70
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	43
5	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	38





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Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

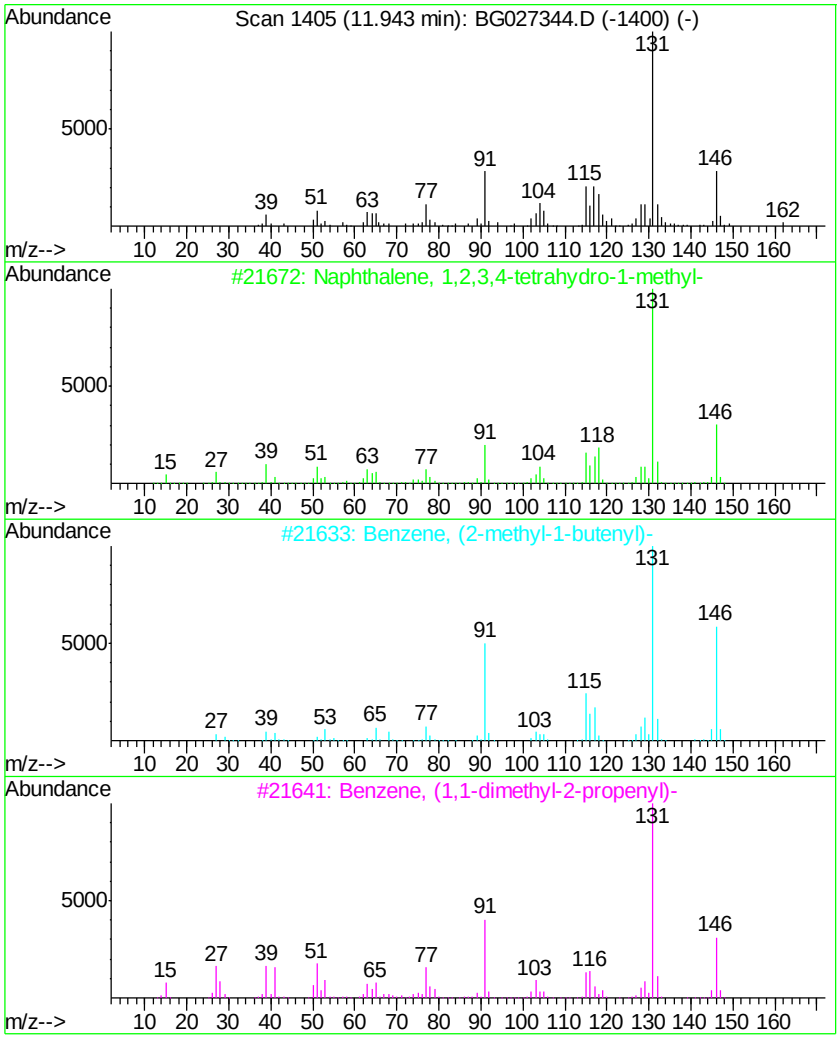
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

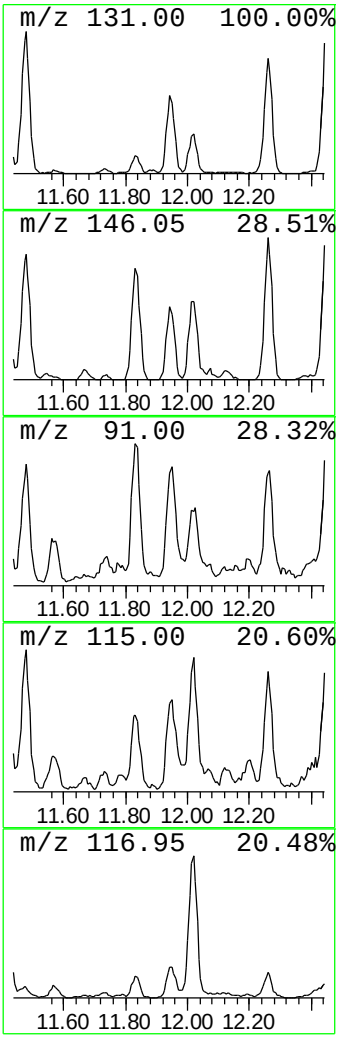
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	11.26 ng	247054	Naphthalene-d8	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	96
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
3	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	93
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87





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Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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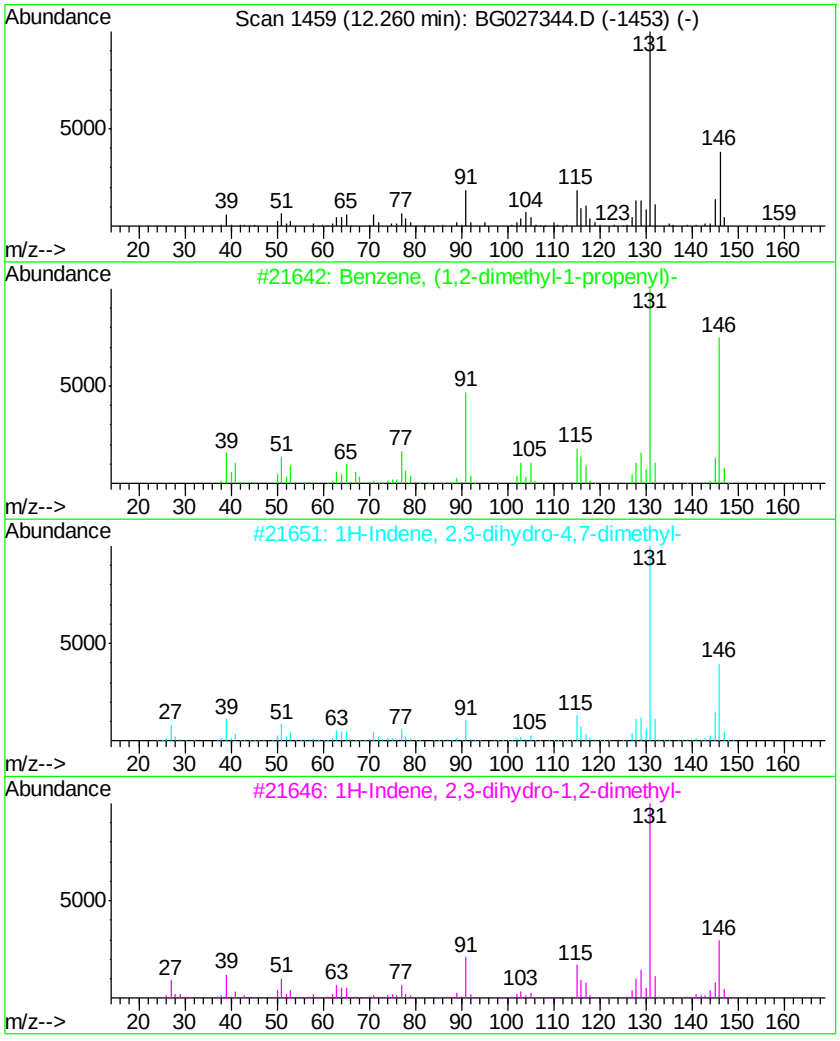
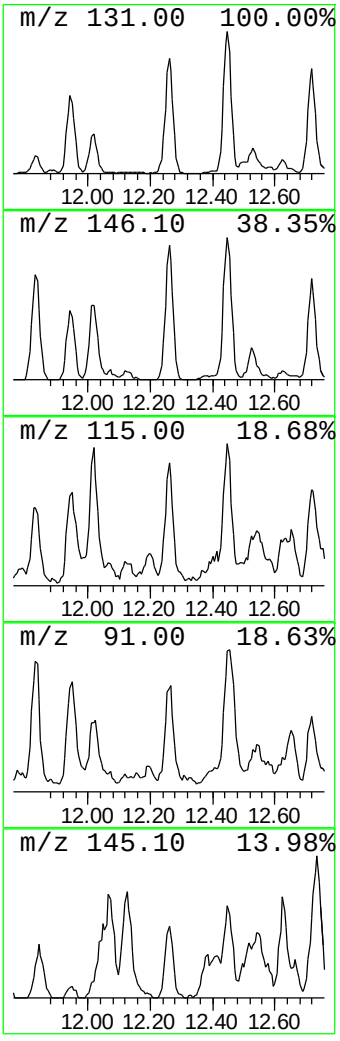
Peak Number 11 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	10.72 ng	235150	Naphthalene-d8	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	96
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





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Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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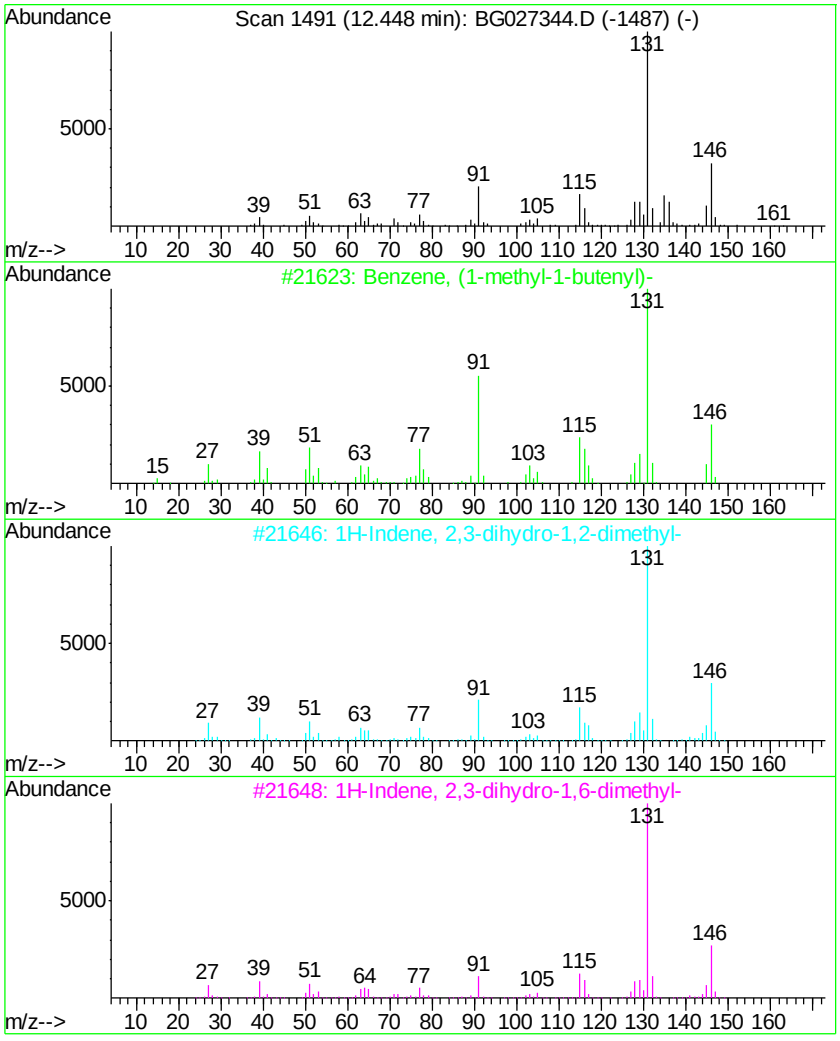
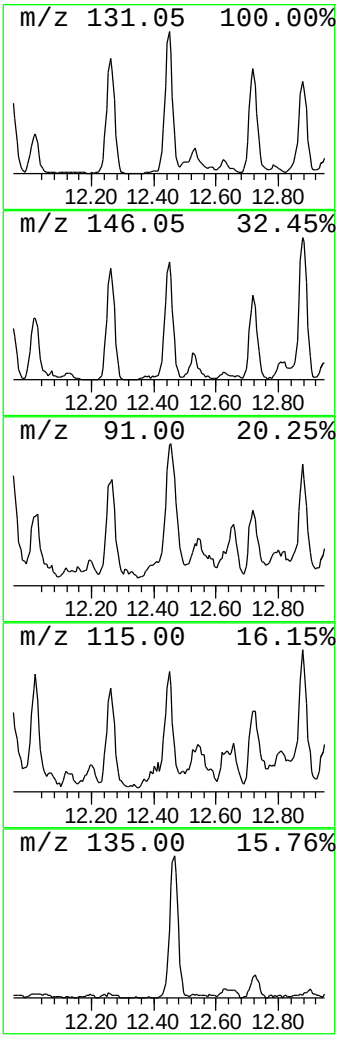
Peak Number 12 Benzene, (1-methyl-1-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	16.79 ng	368348	Naphthalene-d8	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87





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Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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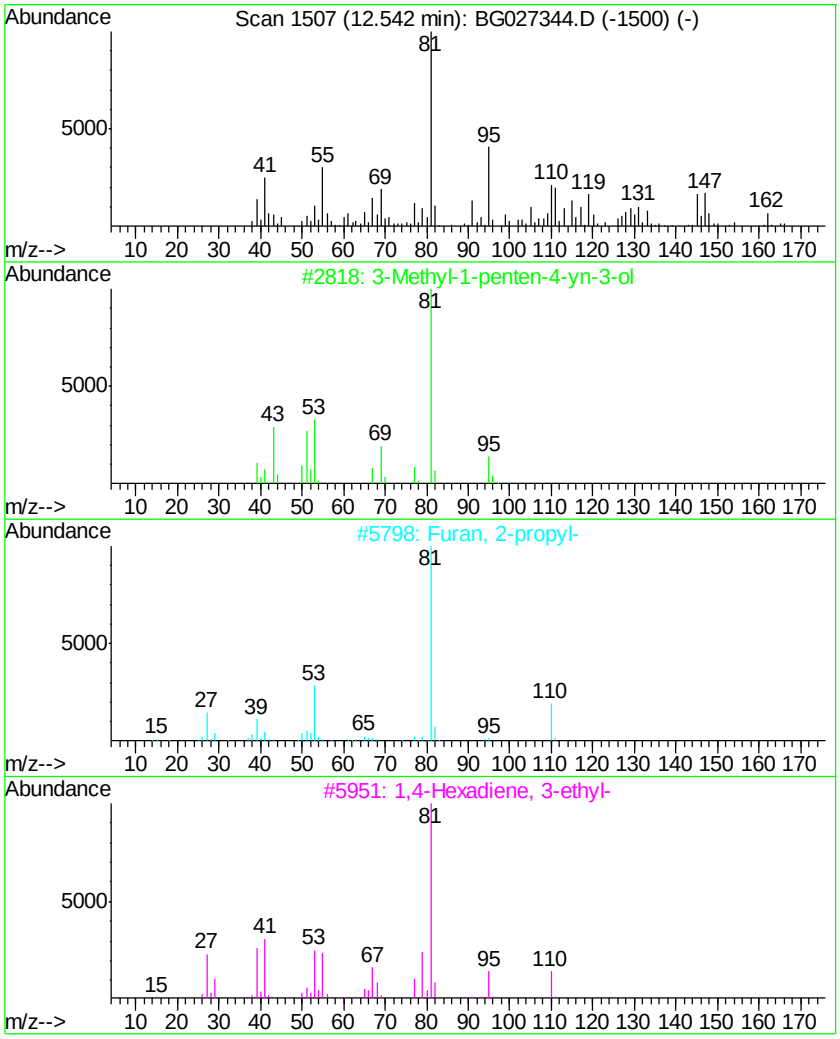
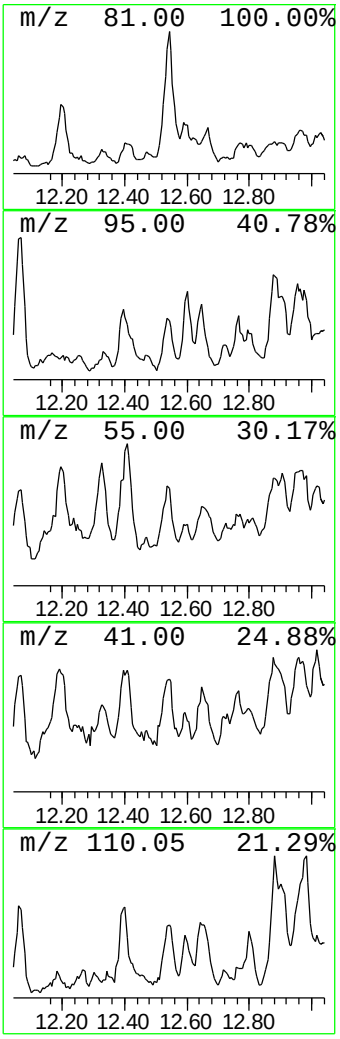
Peak Number 13 unknown12.54 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	12.28 ng	269327	Naphthalene-d8	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-1-penten-4-yn-3-ol	96	C6H8O	003230-69-1	43
2	Furan, 2-propyl-	110	C7H10O	004229-91-8	38
3	1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	38
4	5-Methylcyclopent-1-ene-1-carbox...	126	C7H10O2	053623-50-0	35
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	35





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Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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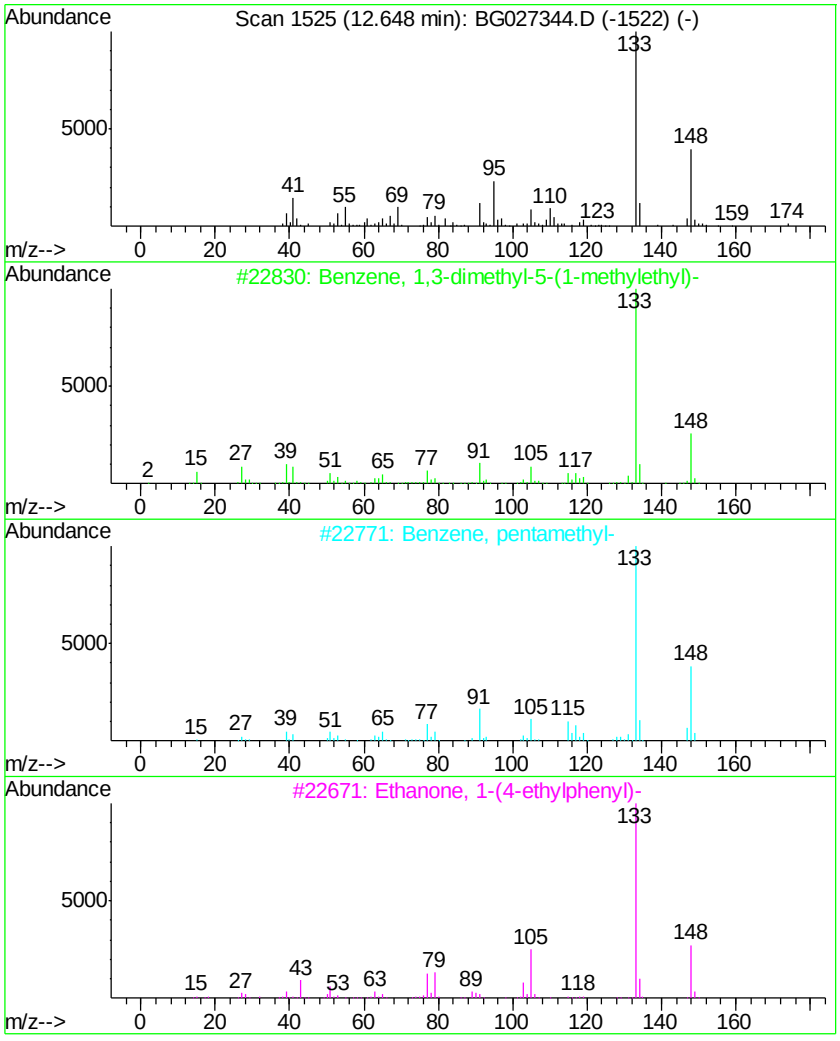
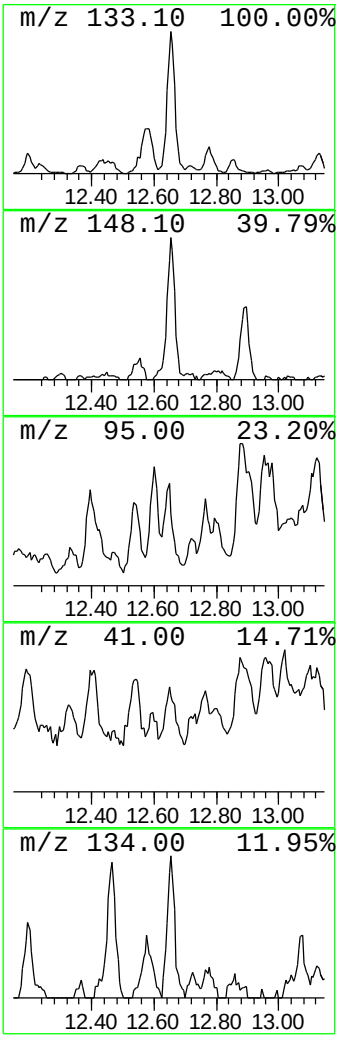
Peak Number 14 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	9.14 ng	200523	Naphthalene-d8	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	86
3	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	83
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	80
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	72





Data Path : Z:\HPCHEM1\BNA_G\Data\BG060817\
Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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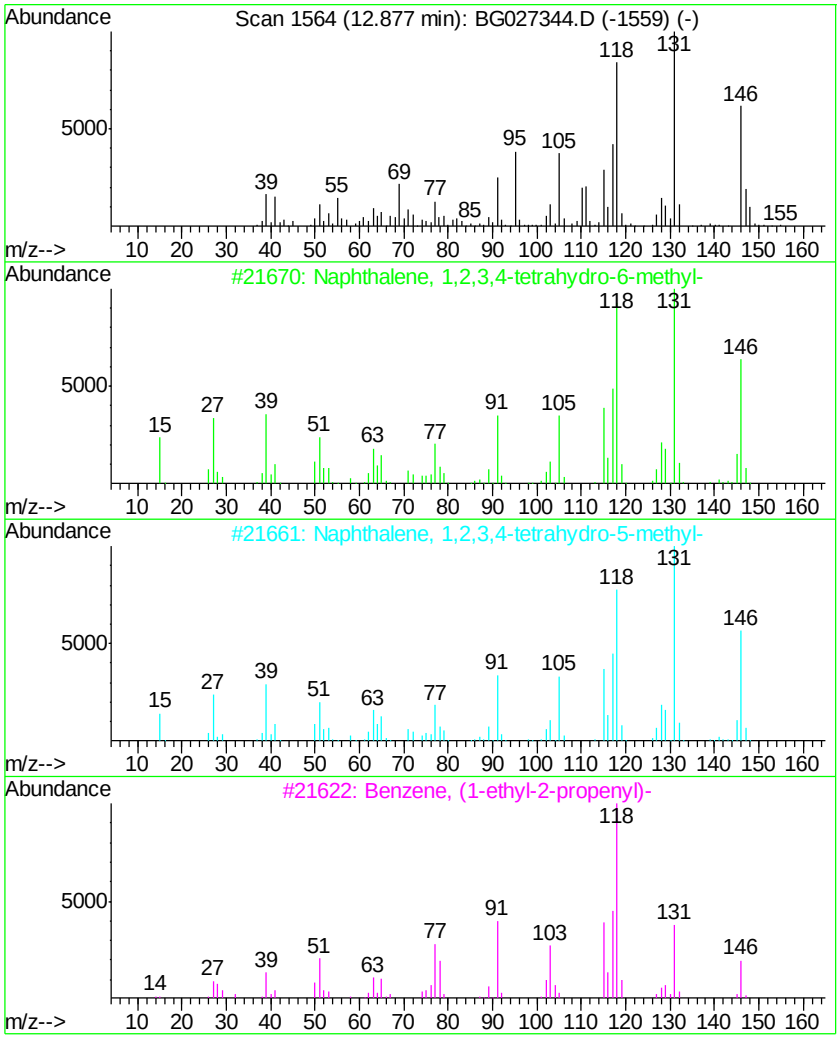
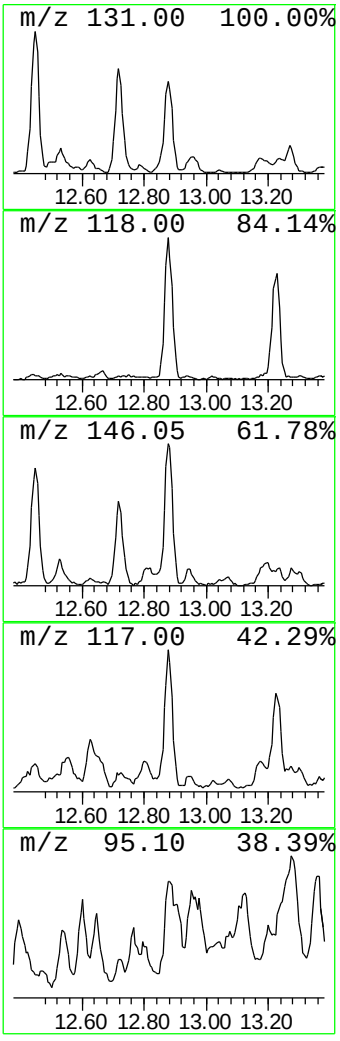
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	20.64 ng	452732	Naphthalene-d8	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	62
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	62
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	49
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	38
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38





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Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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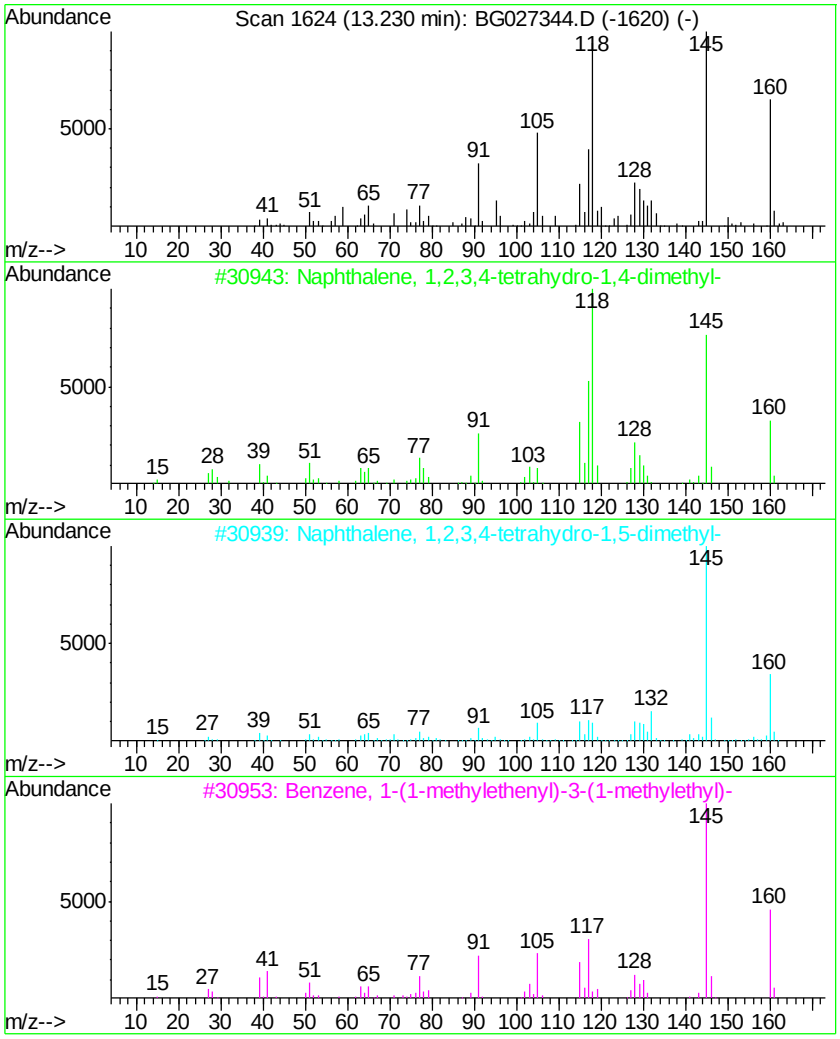
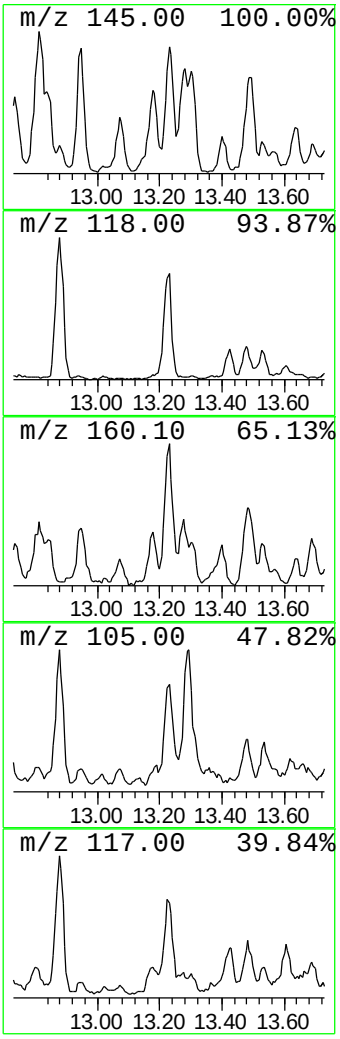
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	11.31 ng	248220	Naphthalene-d8	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60
4	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	53
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060817\
Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown8.09	8.09	93.5	ng	1693550	1	8.56	362050	20.0
Indane	8.93	10.2	ng	184707	1	8.56	362050	20.0
Benzene, 1,2,3,5-...	10.17	10.7	ng	235190	2	11.38	438751	20.0
Benzene, (2-methy...	10.55	9.1	ng	200044	2	11.38	438751	20.0
Benzene, 2-etheny...	10.76	15.7	ng	343895	2	11.38	438751	20.0
Benzene, 1-methyl...	11.05	10.9	ng	238839	2	11.38	438751	20.0
1H-Indene, 2,3-di...	11.48	16.1	ng	353485	2	11.38	438751	20.0
Naphthalene, 1,2,...	11.83	9.3	ng	203502	2	11.38	438751	20.0
Naphthalene, 1,2,...	11.94	11.3	ng	247054	2	11.38	438751	20.0
Benzene, (1,2-dim...	12.26	10.7	ng	235150	2	11.38	438751	20.0
Benzene, (1-methy...	12.45	16.8	ng	368348	2	11.38	438751	20.0
unknown12.54	12.54	12.3	ng	269327	2	11.38	438751	20.0
Benzene, 1,3-dime...	12.65	9.1	ng	200523	2	11.38	438751	20.0
Naphthalene, 1,2,...	12.88	20.6	ng	452732	2	11.38	438751	20.0
Naphthalene, 1,2,...	13.23	11.3	ng	248220	2	11.38	438751	20.0