LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019156.D
Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

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-BG101015.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	3.145	46	52	59	rBV	52849	89810	5.31%	0.766%
2	3.216	59	64	80	rVB	201580	276268	16.34%	2.355%
3	5.137	384	391	401	rBV	88286	128518	7.60%	1.095%
4	5.607	464	471	482	rBV	195661	305062	18.04%	2.600%
5	7.194	734	741	750	rBV	136670	235468	13.93%	2.007%
6	7.564	797	804	812	rBV	339781	583805	34.53%	4.976%
7	8.034	876	884	890	rBV	72394	121019	7.16%	1.032%
8	8.357	932	939	944	rBV	303536	513710	30.39%	4.379%
9	8.404	944	947	954	rVB	30148	48105	2.85%	0.410%
10	9.191	1075	1081	1094	rVB	295026	561331	33.20%	4.785%
11	9.661	1156	1161	1168	rVB	29972	45394	2.69%	0.387%
12	10.084	1227	1233	1242	rVB2	22201	43726	2.59%	0.373%
13	10.237	1253	1259	1267	rVB3	30964	56378	3.33%	0.481%
14	10.836	1350	1361	1367	rBV	120933	239547	14.17%	2.042%
15	10.883	1367	1369	1376	rVB5	19141	31082	1.84%	0.265%
16	10.948	1376	1380	1386	rBV2	21727	33236	1.97%	0.283%
17	11.301	1433	1440	1448	rVB6	16235	34249	2.03%	0.292%
18	11.418	1452	1460	1466	rBV4	23147	46796	2.77%	0.399%
19	11.495	1468	1473	1479	rVB5	12389	21441	1.27%	0.183%
20	11.577	1481	1487	1497	rBV8	8610	24710	1.46%	0.211%
21	11.753	1509	1517	1524	rVB	40735	76670	4.53%	0.654%
22	11.941	1543	1549	1557	rVB	59677	118079	6.98%	1.007%
23	12.164	1577	1587	1591	rBV4	19517	45349	2.68%	0.387%
24	12.217	1591	1596	1605	rVB3	23303	50029	2.96%	0.426%
25	12.317	1605	1613	1618	rBV8	14190	41477	2.45%	0.354%
26	12.382	1619	1624	1630	rVV3	40254	70791	4.19%	0.603%
27	12.464	1631	1638	1647	rVV6	11863	35950	2.13%	0.306%
28	12.705	1671	1679	1690	rBV2	114041	238233	14.09%	2.031%
29	12.793	1690	1694	1704	rVB7	29650	78256	4.63%	0.667%
30	12.893	1705	1711	1713	rBV6	10057	18324	1.08%	0.156%
31	13.010	1725	1731	1737	rVB8	19874	40159	2.38%	0.342%
32	13.287	1769	1778	1784	rBV	803066	1255677	74.27%	10.703%
33	13.392	1789	1796	1801	rBV9	10596	26342	1.56%	0.225%
34	13.715	1847	1851	1856	rVB	48328	83675	4.95%	0.713%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019156.D
Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

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-BG101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.792	1860	1864	1865	rBV3	15193	21047	1.24%	0.179%
36	13.839	1866	1872	1878	rVB5	53703	111701	6.61%	0.952%
37	13.909	1880	1884	1890	rVB8	15554	32103	1.90%	0.274%
38	13.986	1890	1897	1902	rBV	116093	207461	12.27%	1.768%
39	14.109	1913	1918	1923	rVB	46879	66717	3.95%	0.569%
40	14.215	1932	1936	1939	rBV	57151	87730	5.19%	0.748%
41	14.250	1939	1942	1947	rVB	46167	69080	4.09%	0.589%
42	14.309	1948	1952	1957	rVB5	39381	59706	3.53%	0.509%
43	14.379	1959	1964	1975	rVB	76839	145403	8.60%	1.239%
44	14.473	1975	1980	1985	rBV7	13924	34042	2.01%	0.290%
45	14.661	2006	2012	2018	rBV2	202681	344466	20.37%	2.936%
46	14.726	2019	2023	2029	rVV3	28880	60537	3.58%	0.516%
47	15.055	2075	2079	2083	rBV3	33714	49795	2.95%	0.424%
48	15.272	2111	2116	2120	rBV	54730	99778	5.90%	0.851%
49	15.425	2139	2142	2148	rBV5	20140	44475	2.63%	0.379%
50	15.613	2170	2174	2179	rBV7	20663	38285	2.26%	0.326%
51	15.707	2185	2190	2197	rBV3	62529	104950	6.21%	0.895%
52	15.831	2207	2211	2222	rVB	99525	198628	11.75%	1.693%
53	16.042	2243	2247	2255	rVB3	23343	53019	3.14%	0.452%
54	16.148	2259	2265	2273	rVV	681270	1040346	61.54%	8.868%
55	16.765	2365	2370	2374	rBV2	45963	77189	4.57%	0.658%
56	17.405	2474	2479	2485	rBV2	249619	365767	21.63%	3.118%
57	17.605	2509	2513	2521	rVB2	37494	72439	4.28%	0.617%
58	18.304	2629	2632	2638	rVB4	46295	65971	3.90%	0.562%
59	20.020	2918	2924	2931	rVB	1322849	1690645	100.00%	14.411%
60	20.901	3071	3074	3081	rVB	27412	40587	2.40%	0.346%
61	21.324	3143	3146	3153	rBV	32595	48012	2.84%	0.409%
62	21.677	3200	3206	3216	rVB	261088	439266	25.98%	3.744%
63	23.386	3493	3497	3502	rVB4	13974	23574	1.39%	0.201%
64	24.908	3746	3756	3766	rBV2	144291	420169	24.85%	3.582%

Sum of corrected areas: 11731554

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Acq On : 12 Oct 2015 11:08
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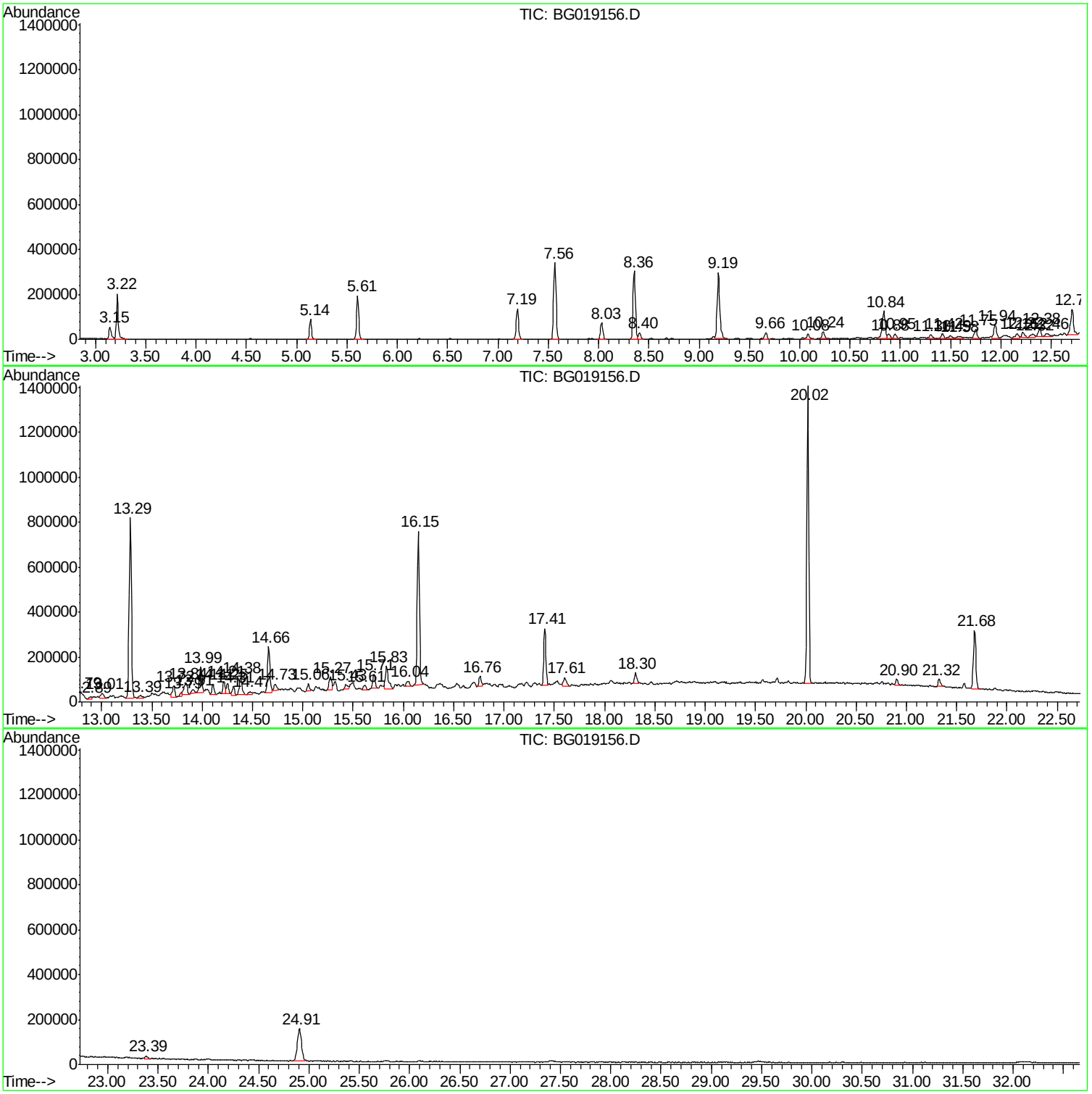
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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\BG101215\
Data File : BG019156.D
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Operator : UM/NP
Sample : G3978-09
Misc :
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Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
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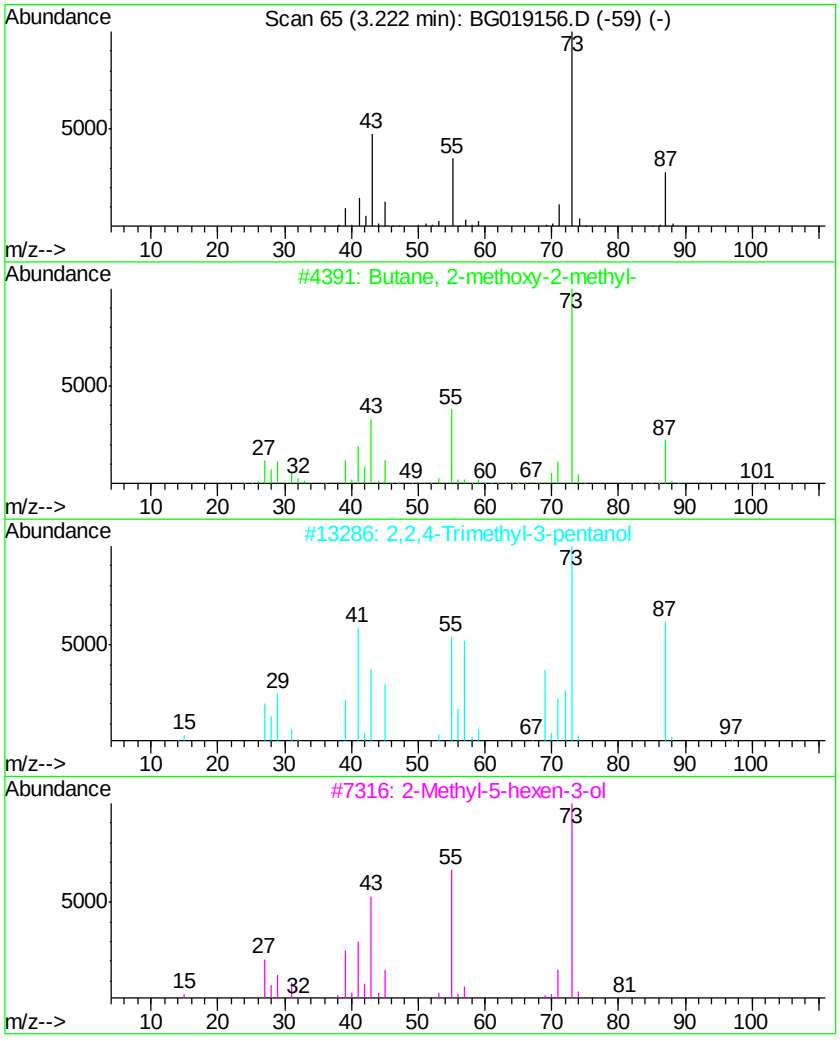
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

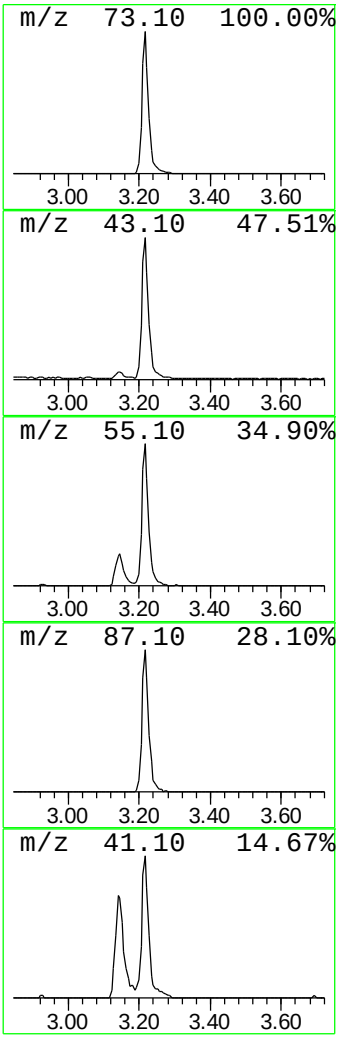
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	45.66 ng	276268	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	33
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019156.D
Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

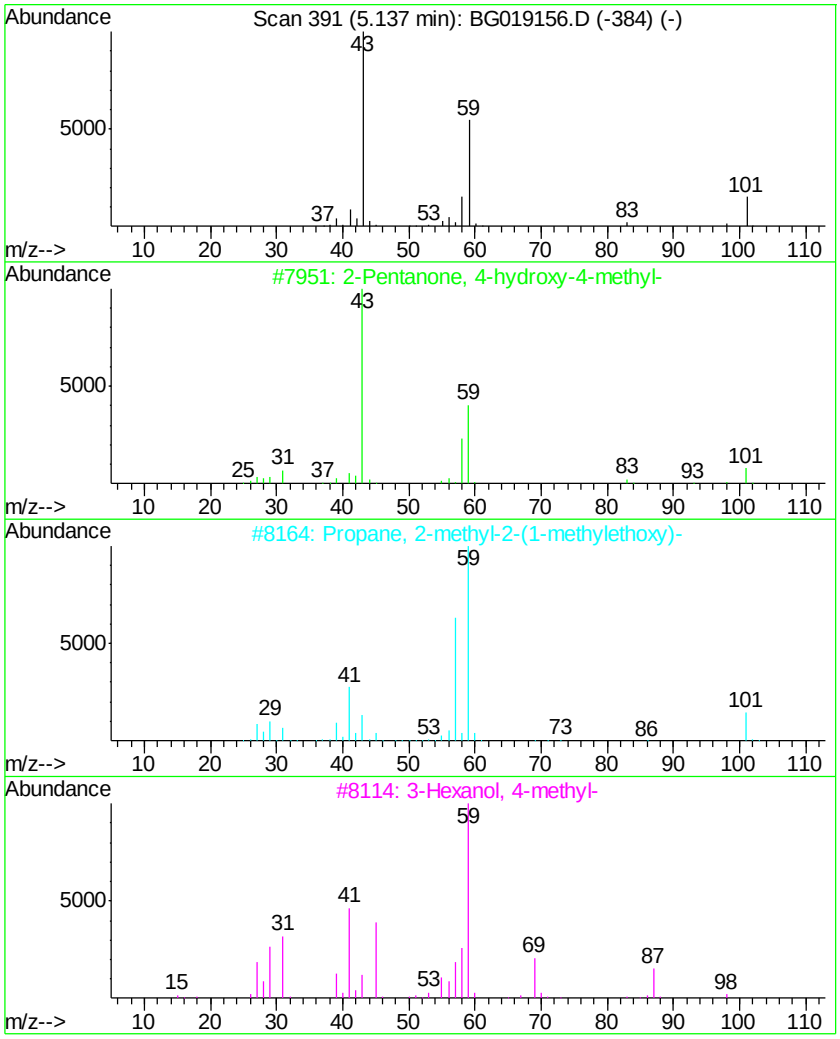
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

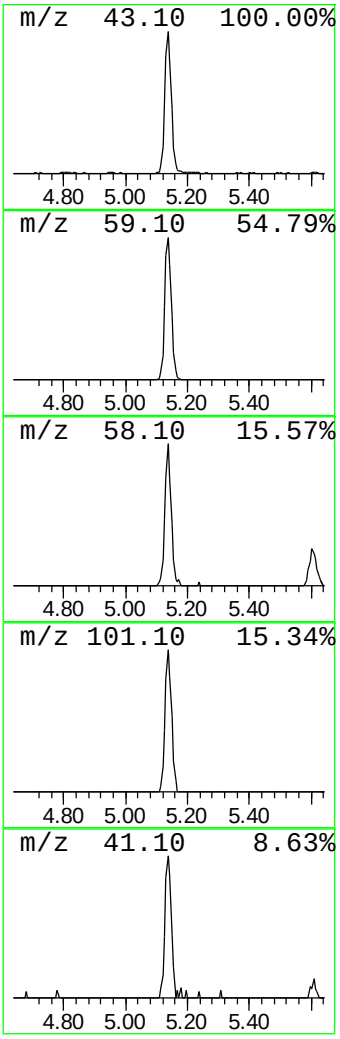
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	21.24 ng	128518	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019156.D
Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

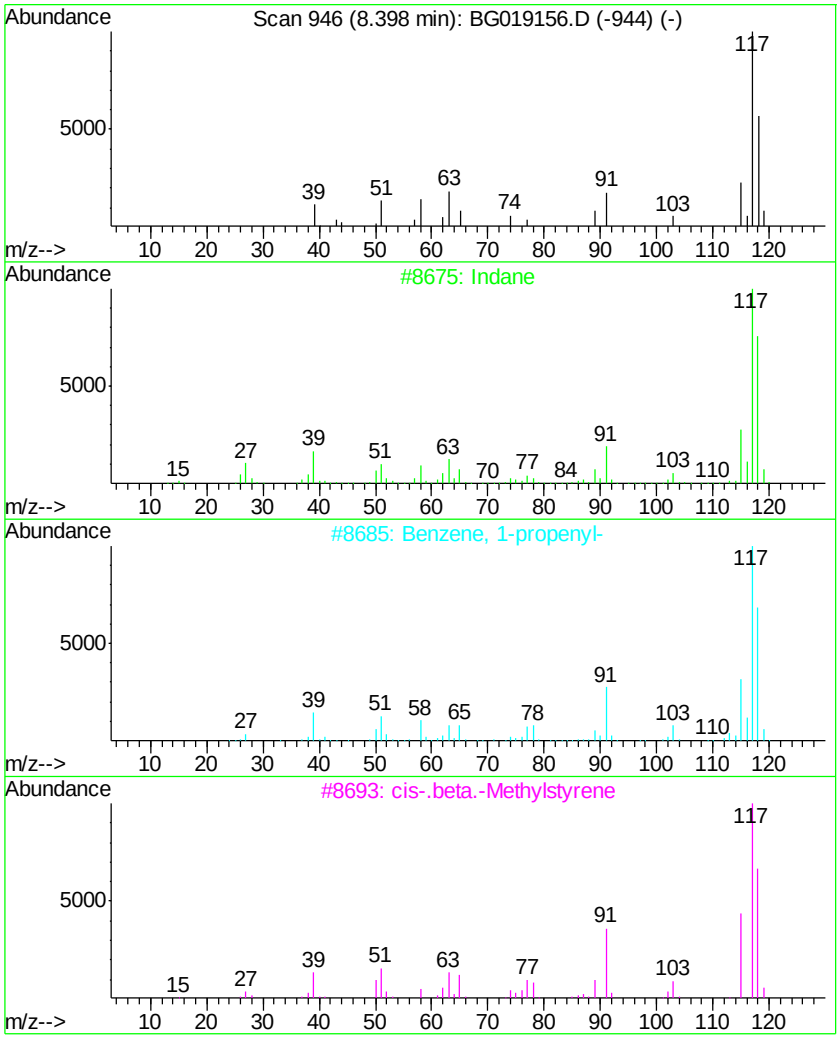
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

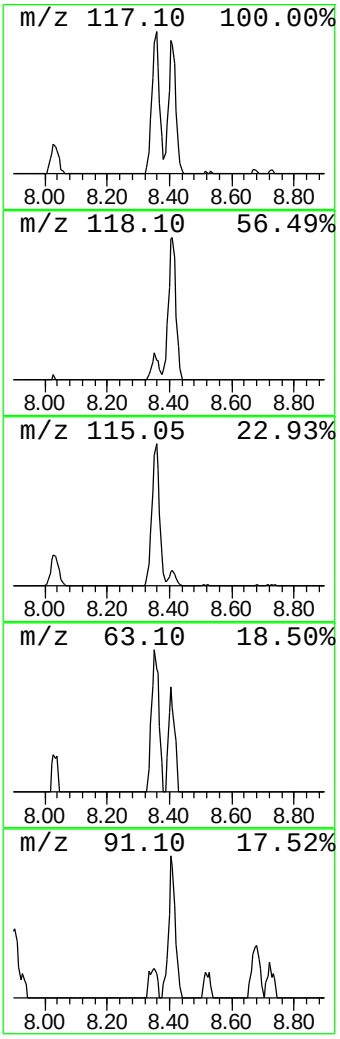
****

Peak Number 6 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	7.95 ng	48105	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
3	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	68
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019156.D
Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

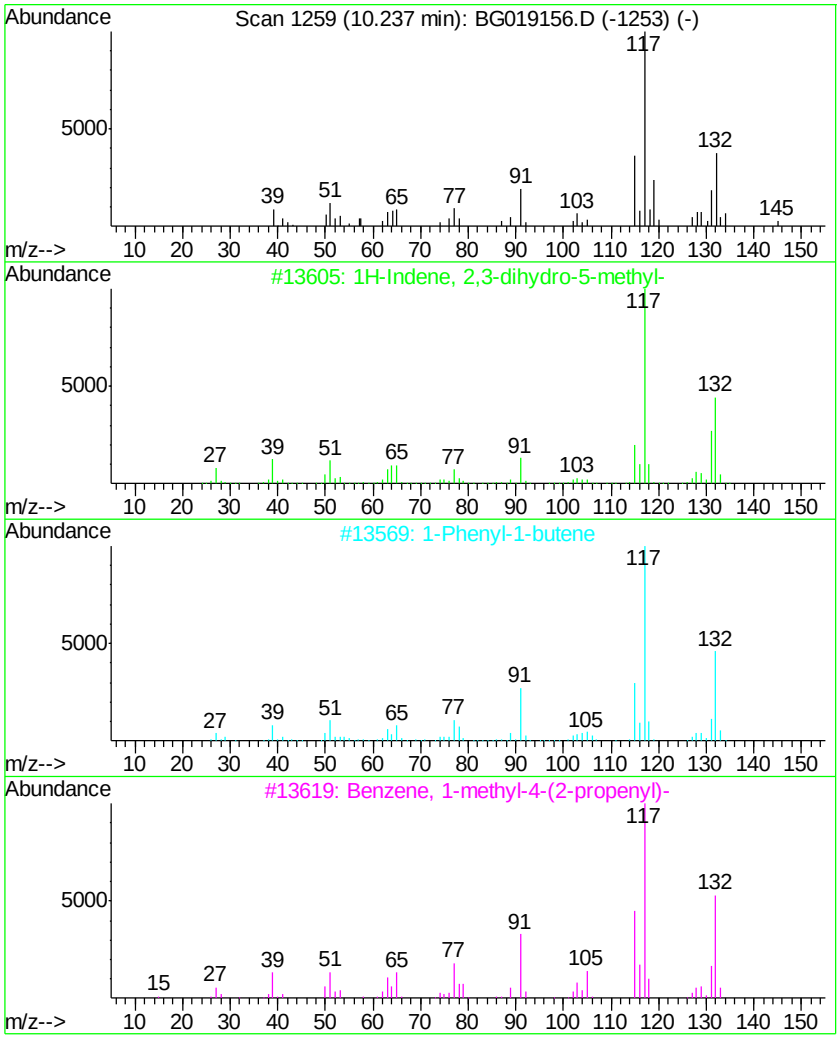
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

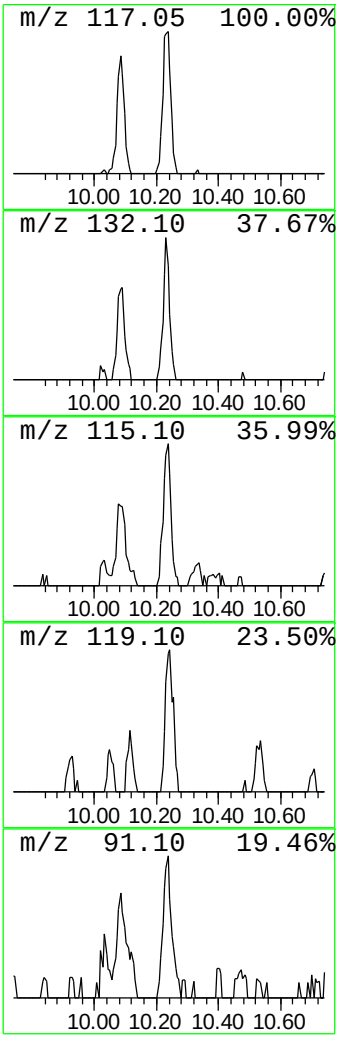
****

Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	4.71 ng	56378	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	81
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019156.D
Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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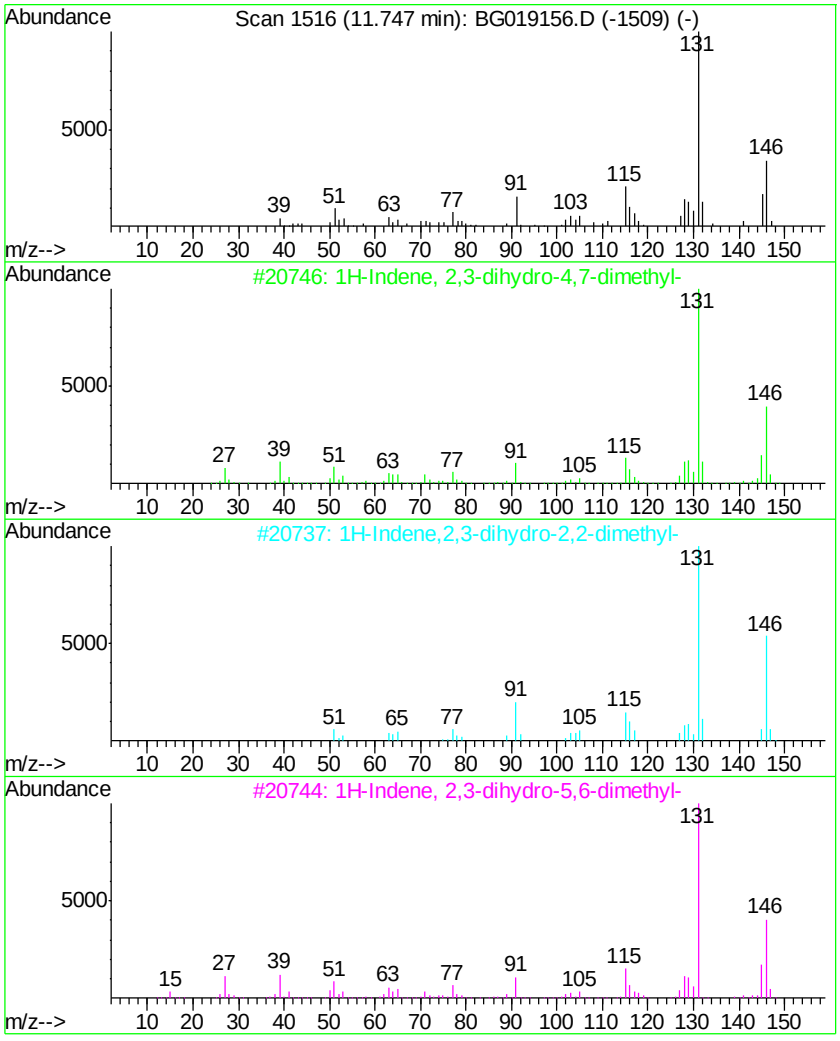
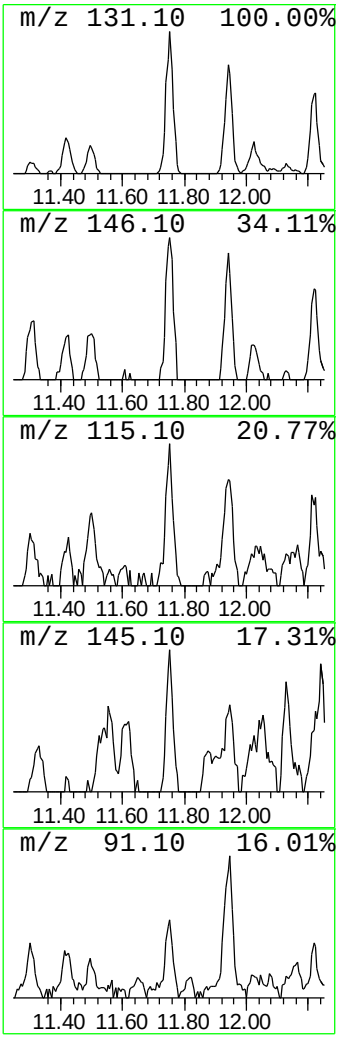
Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.40 ng	76670	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019156.D
Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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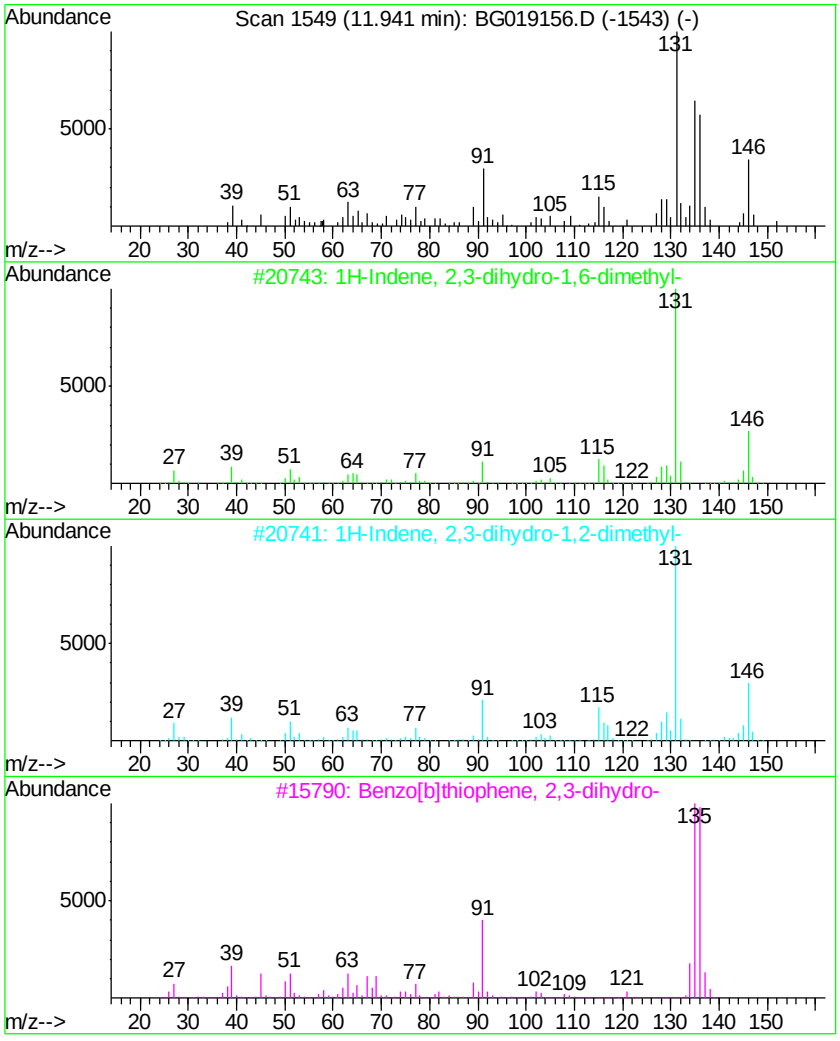
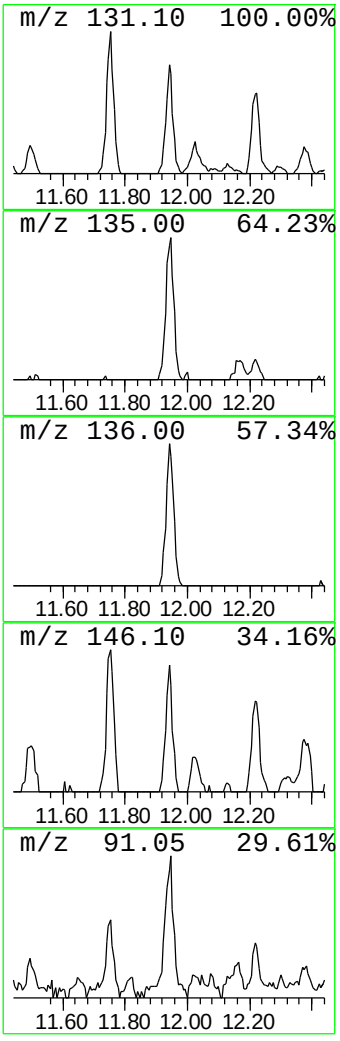
Peak Number 9 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	9.86 ng	118079	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
3	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	56
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
5	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	55





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019156.D
Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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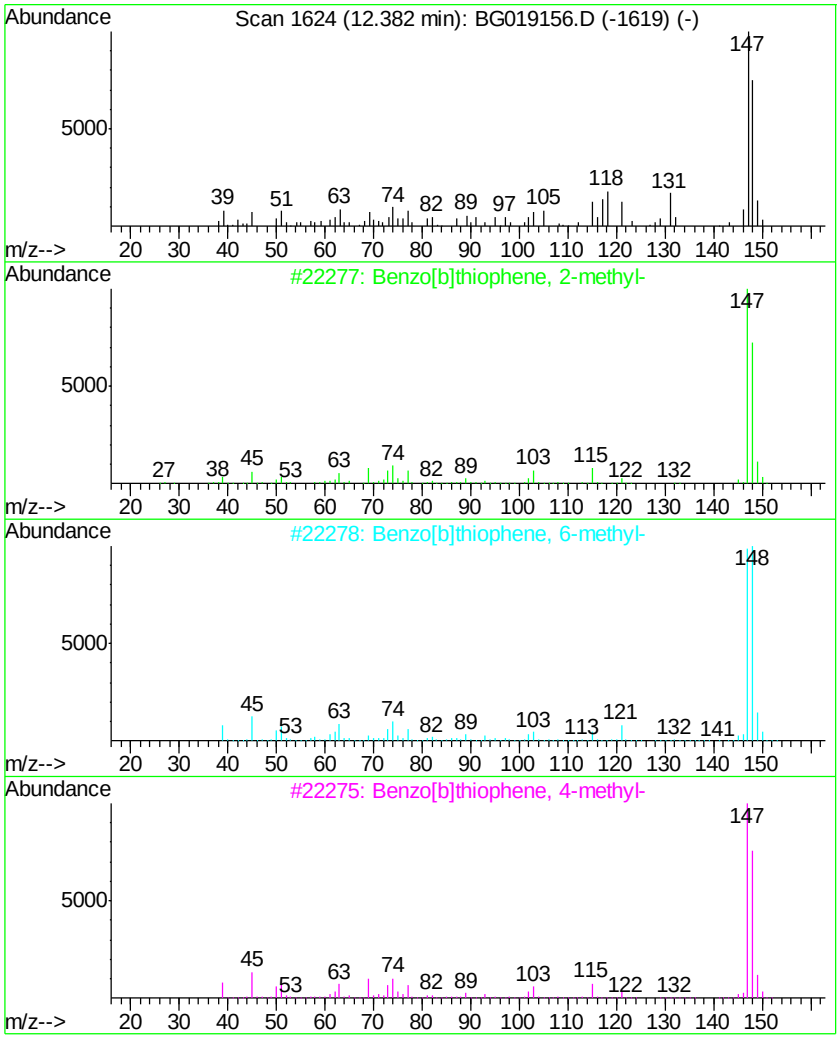
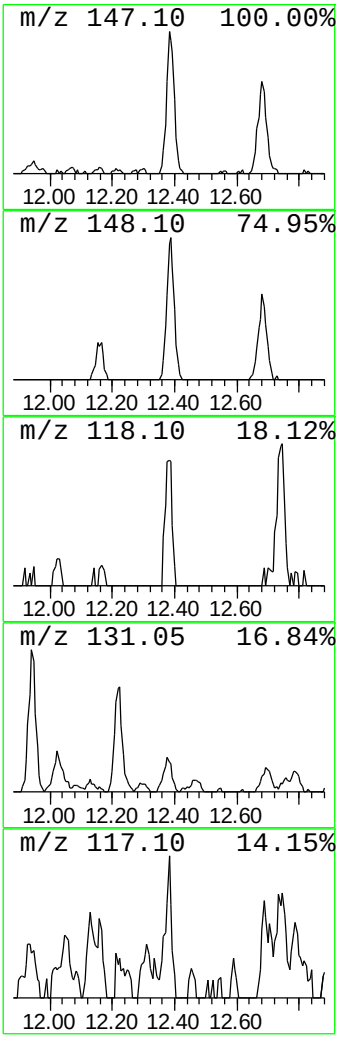
Peak Number 10 Benzo[b]thiophene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	5.91 ng	70791	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	81
2	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	74
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	74
4	trans-Cinnamic acid	148	C9H8O2	000140-10-3	72
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019156.D
Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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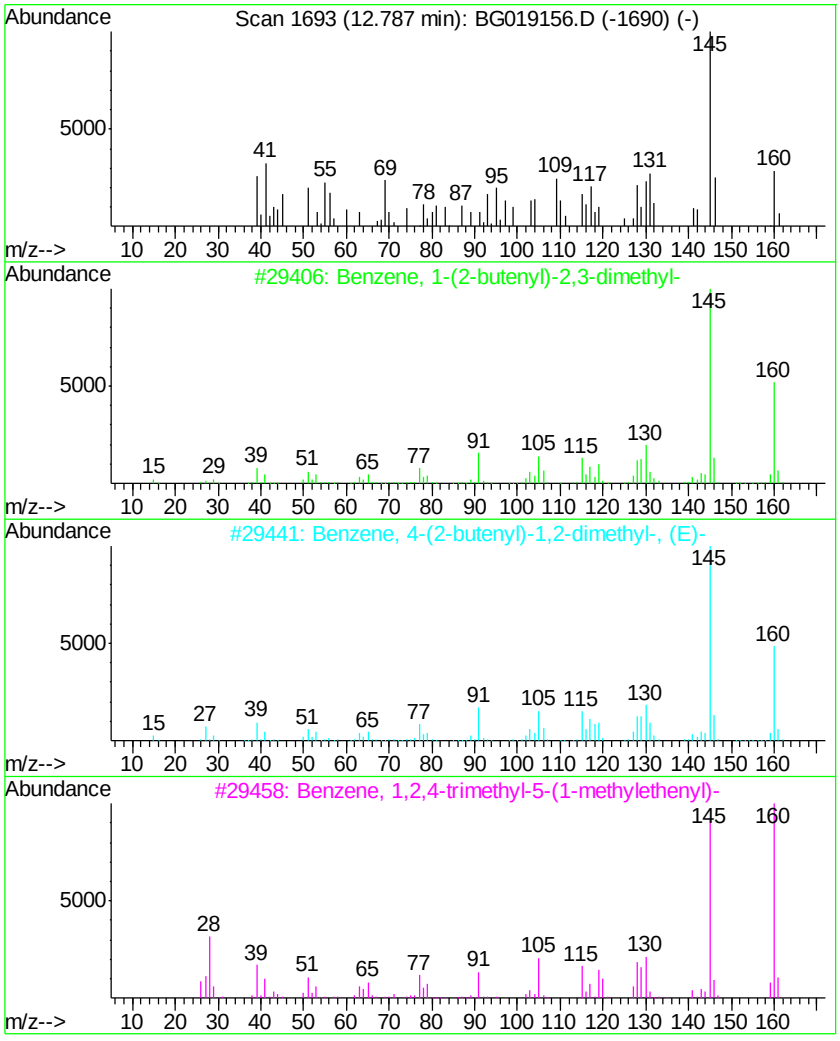
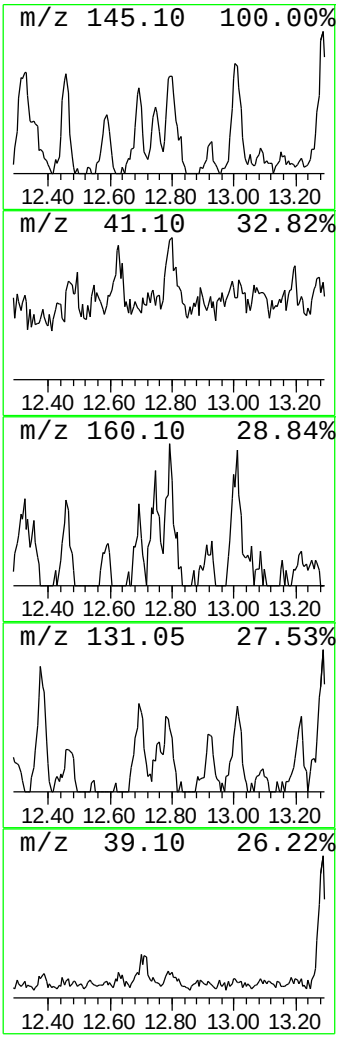
Peak Number 12 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	4.54 ng	78256	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	78
3	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019156.D
Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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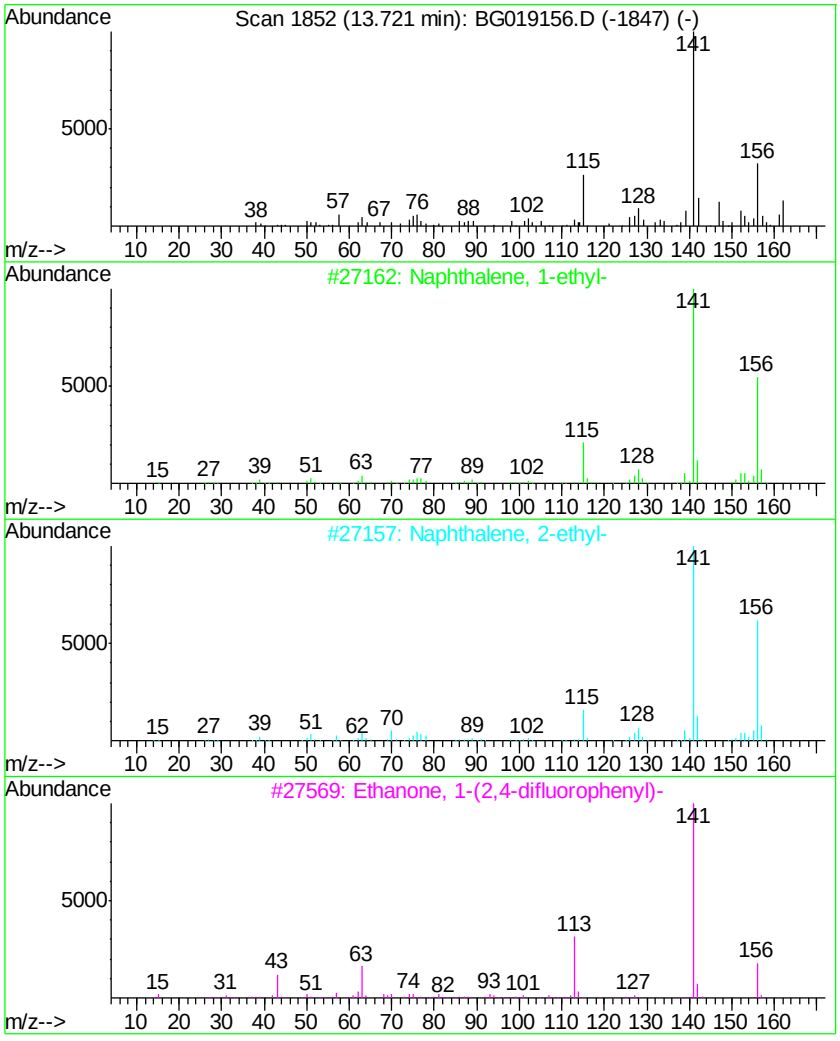
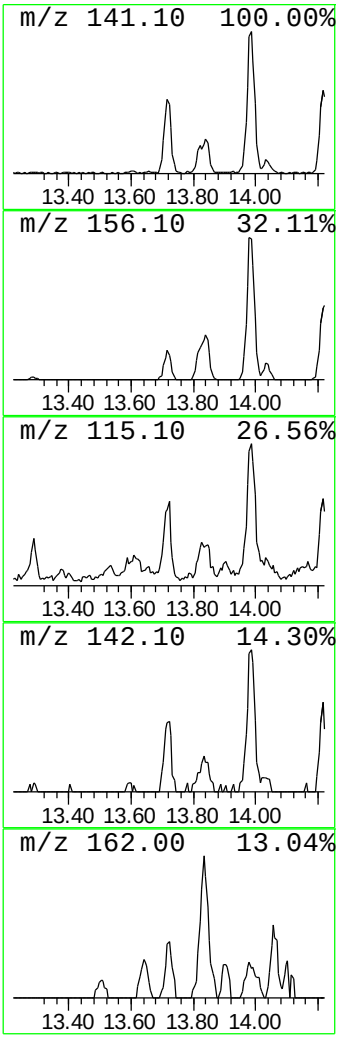
Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.86 ng	83675	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87
3	Ethanone, 1-(2,4-difluorophenyl)-	156	C8H6F2O	000364-83-0	52
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	50
5	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019156.D
Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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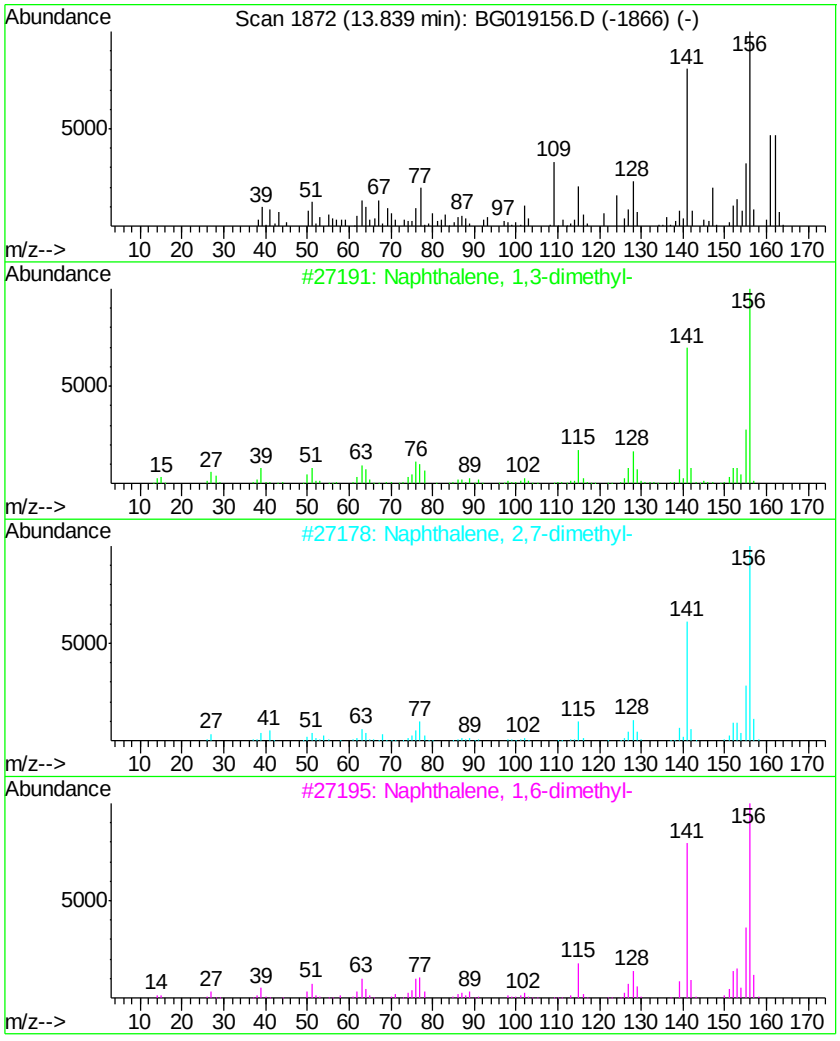
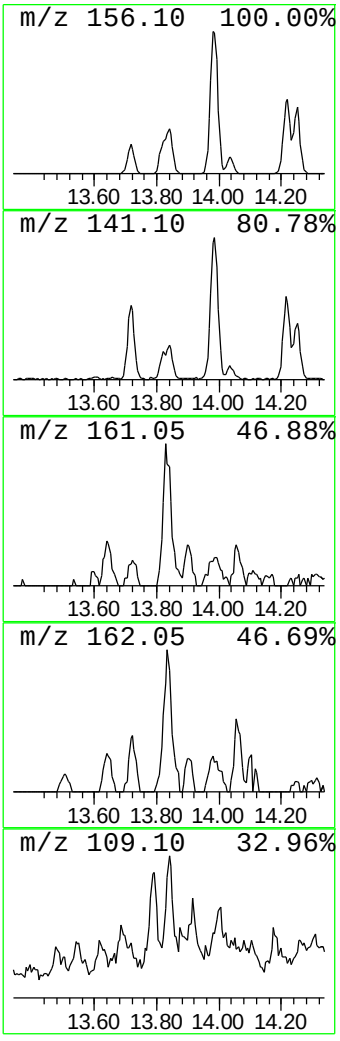
Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	6.49 ng	111701	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	87
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	78
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019156.D
Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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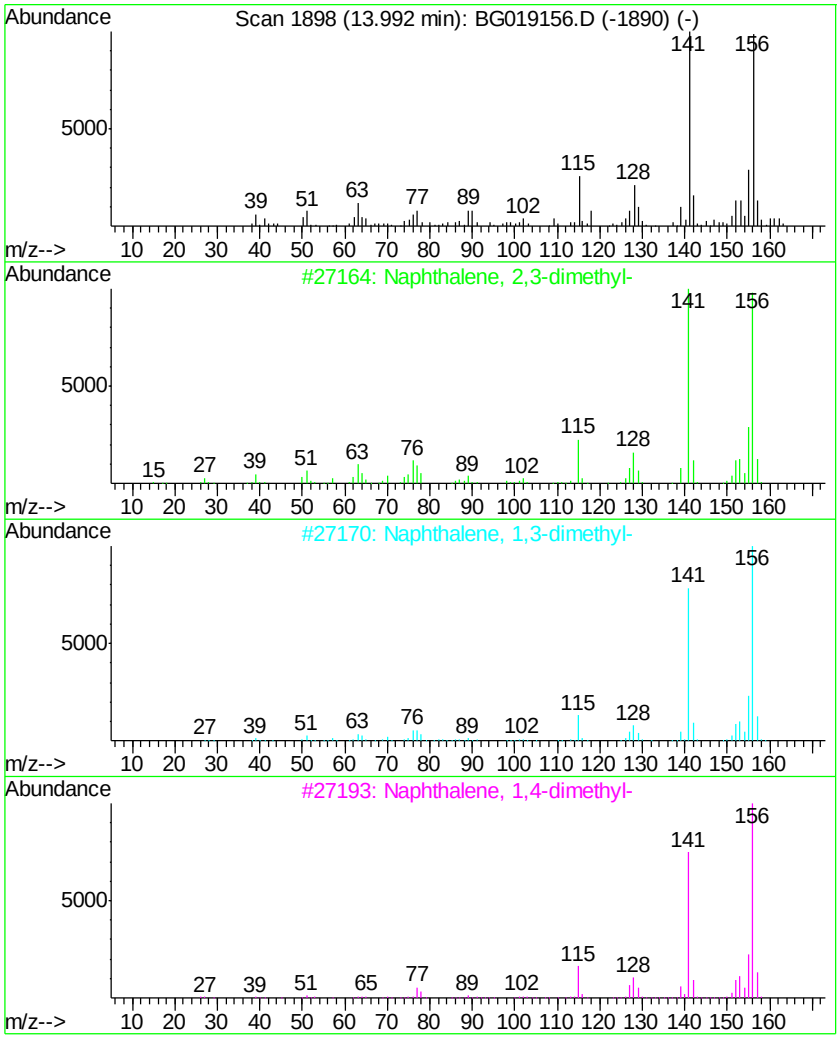
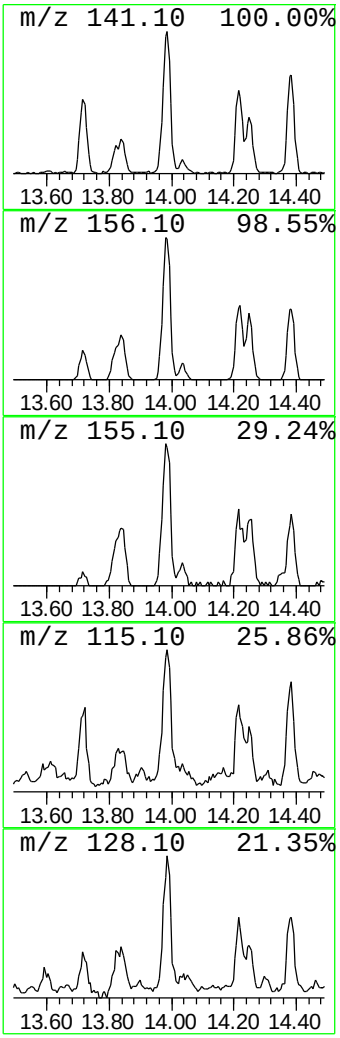
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	12.05 ng	207461	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94





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Data File : BG019156.D
Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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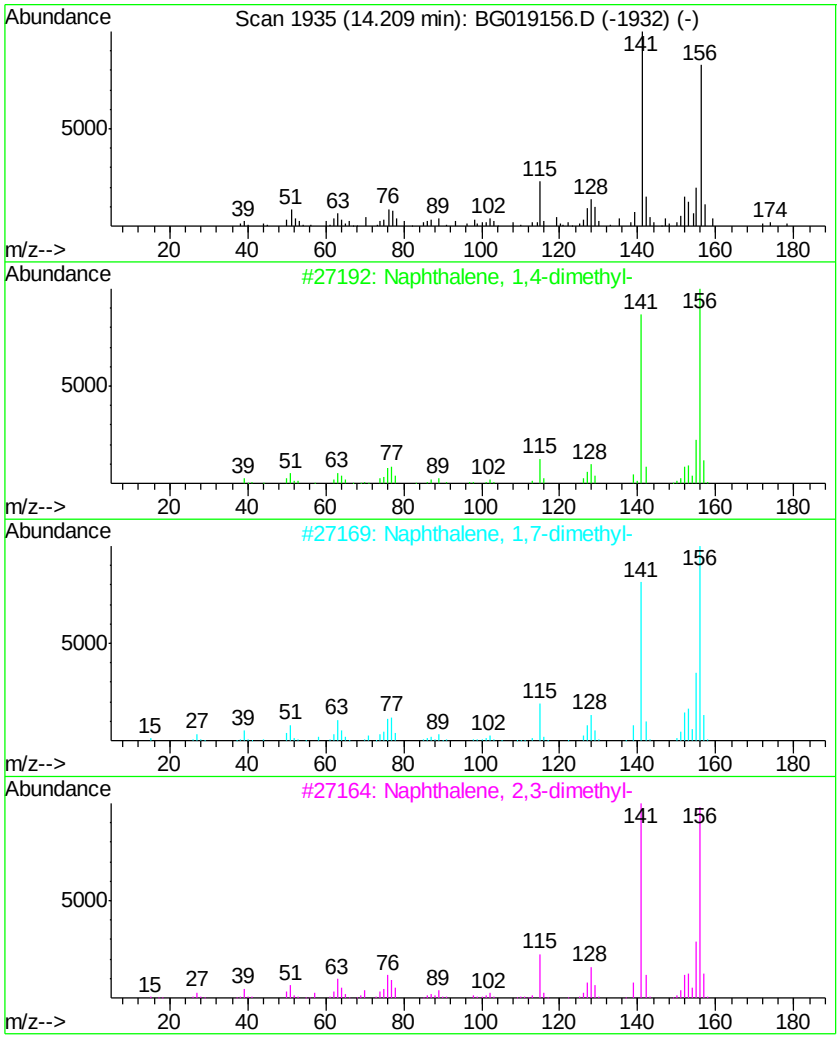
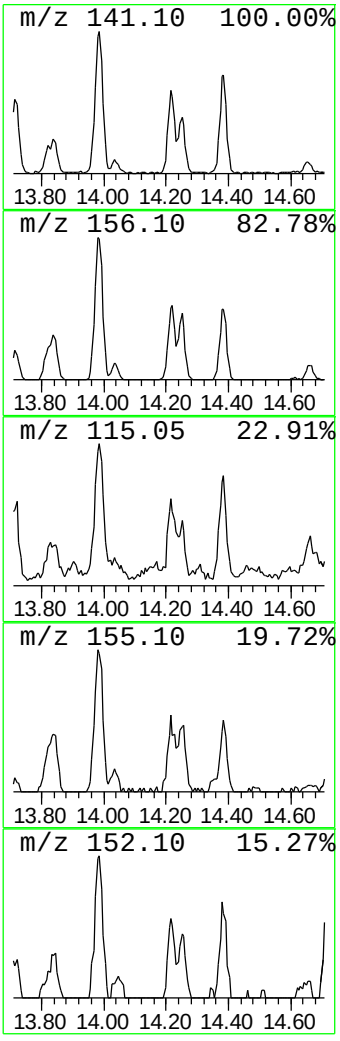
Peak Number 16 Naphthalene, 1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	5.09 ng	87730	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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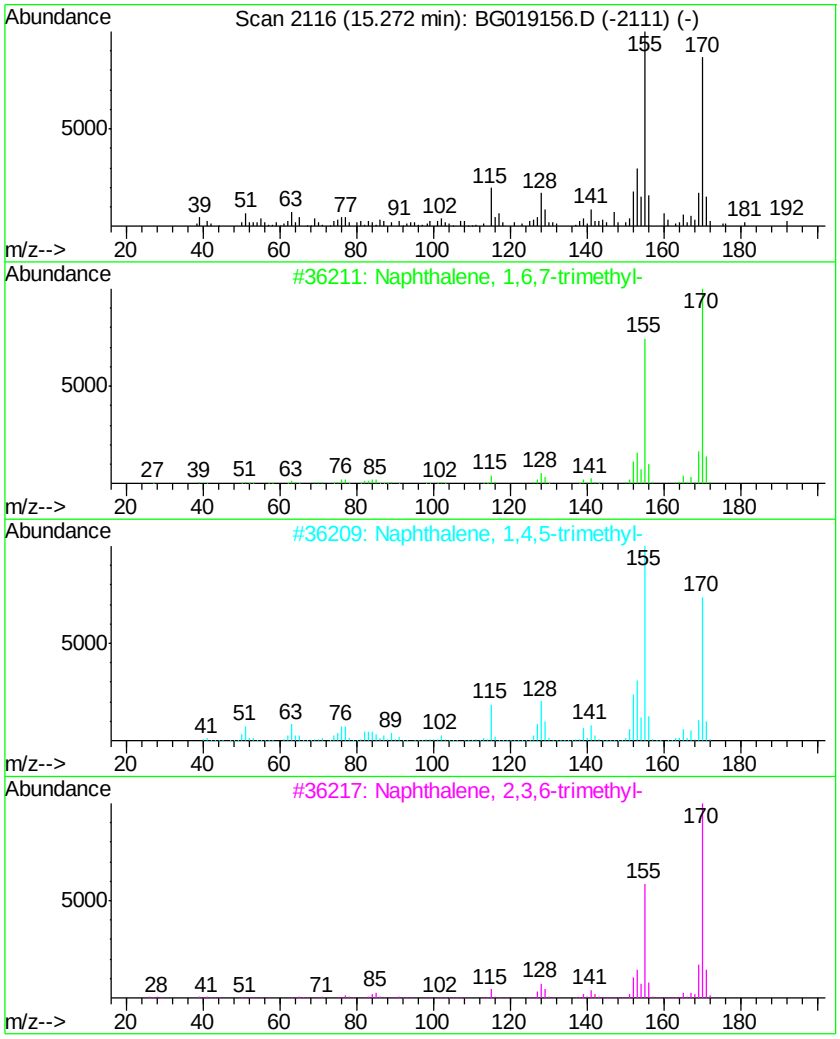
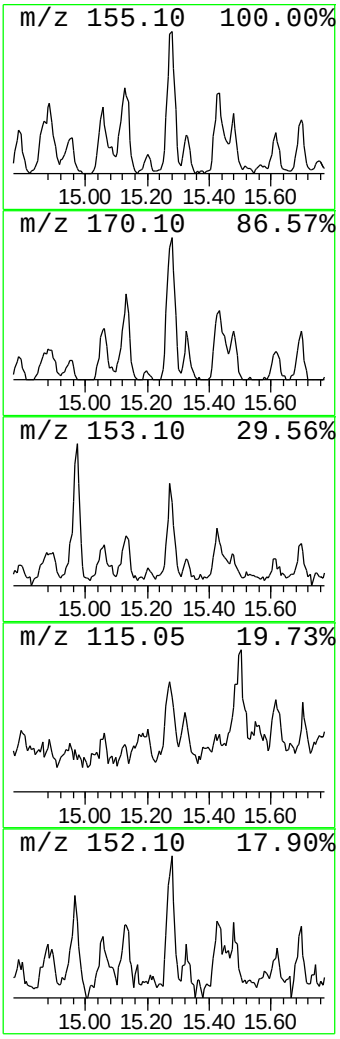
Peak Number 18 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	5.79 ng	99778	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91





Library Search Compound Report

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Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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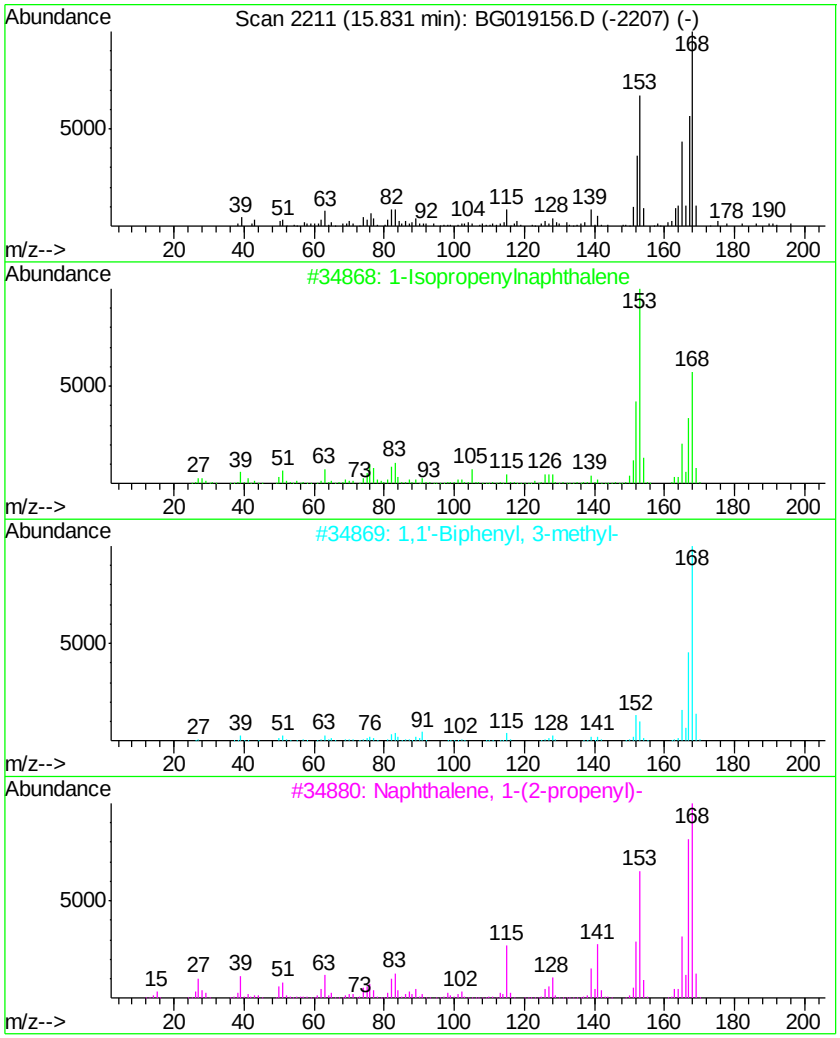
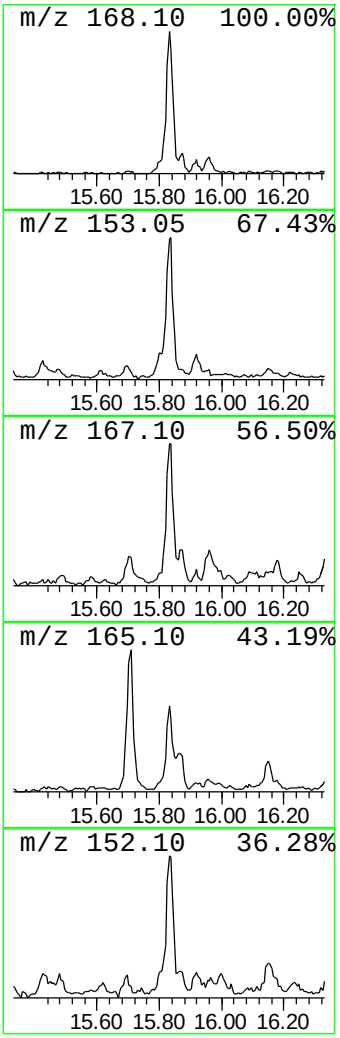
Peak Number 19 1-Isopropenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	11.53 ng	198628	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	74
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
4	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	47





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Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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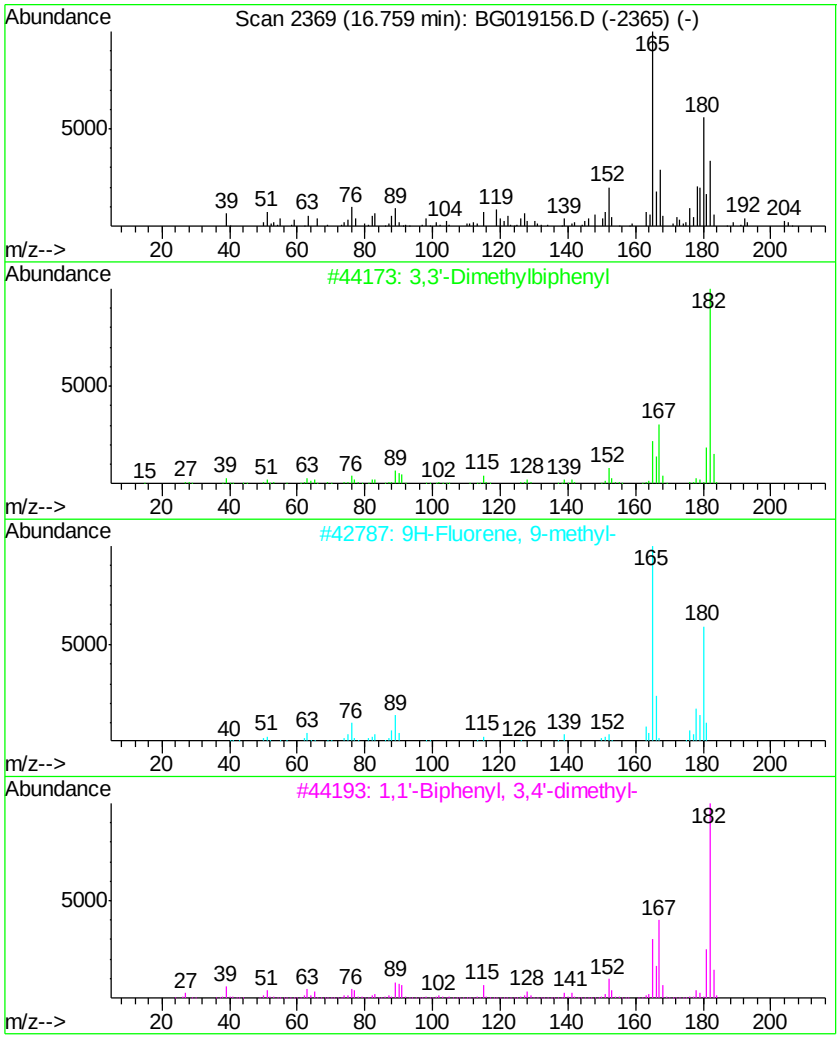
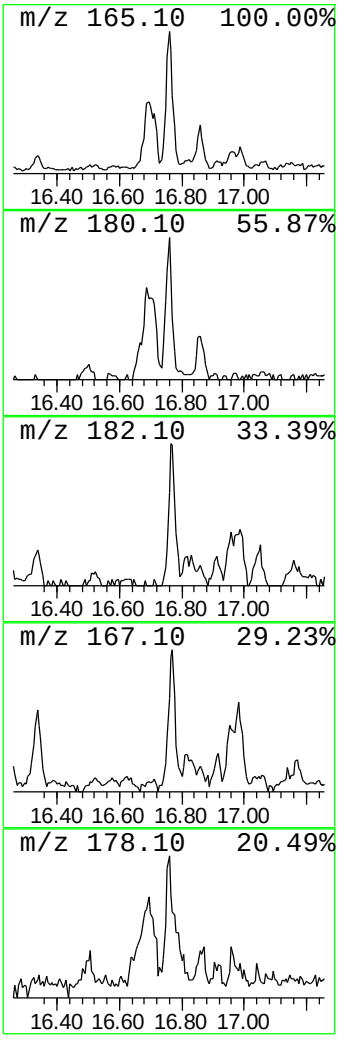
Peak Number 20 3,3'-Dimethylbiphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	4.22 ng	77189	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	55
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	49
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	49
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019156.D
Acq On : 12 Oct 2015 11:08
Operator : UM/NP
Sample : G3978-09
Misc :
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Instrument : BNA_G
ClientSampleId : MW16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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...	3.22	45.7	ng	276268	1	8.03	121019	20.0
2-Pentanone, 4-hy...	5.14	21.2	ng	128518	1	8.03	121019	20.0
Indane	8.40	8.0	ng	48105	1	8.03	121019	20.0
1H-Indene, 2,3-di...	10.24	4.7	ng	56378	2	10.84	239547	20.0
1H-Indene, 2,3-di...	11.75	6.4	ng	76670	2	10.84	239547	20.0
1H-Indene, 2,3-di...	11.94	9.9	ng	118079	2	10.84	239547	20.0
Benzo[b]thiophene...	12.38	5.9	ng	70791	2	10.84	239547	20.0
Benzene, 1-(2-but...	12.79	4.5	ng	78256	3	14.66	344466	20.0
Naphthalene, 1-et...	13.72	4.9	ng	83675	3	14.66	344466	20.0
Naphthalene, 1,3-...	13.84	6.5	ng	111701	3	14.66	344466	20.0
Naphthalene, 2,3-...	13.99	12.1	ng	207461	3	14.66	344466	20.0
Naphthalene, 1,4-...	14.21	5.1	ng	87730	3	14.66	344466	20.0
Naphthalene, 1,6,...	15.27	5.8	ng	99778	3	14.66	344466	20.0
1-Isopropenylnaph...	15.83	11.5	ng	198628	3	14.66	344466	20.0
3,3'-Dimethylbiph...	16.76	4.2	ng	77189	4	17.41	365767	20.0