LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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	3.144	47	52	60	rBV	50746	82033	4.12%	0.518%
2	3.214	60	64	79	rVB	205228	277616	13.93%	1.752%
3	5.135	385	391	401	rBV	86179	128883	6.47%	0.813%
4	5.605	465	471	481	rVB	201483	323932	16.25%	2.044%
5	6.522	621	627	636	rVB2	14774	22772	1.14%	0.144%
6	7.198	735	742	749	rBV	148664	246780	12.38%	1.558%
7	7.568	798	805	813	rBV	357103	609762	30.59%	3.848%
8	7.938	863	868	873	rVB	17889	26884	1.35%	0.170%
9	8.032	877	884	891	rVB	71819	118766	5.96%	0.750%
10	8.355	932	939	946	rBV	306317	524564	26.32%	3.311%
11	8.526	961	968	974	rVB	37730	56392	2.83%	0.356%
12	8.678	986	994	998	rBV	16059	23431	1.18%	0.148%
13	8.725	998	1002	1007	rVB2	16025	22974	1.15%	0.145%
14	9.142	1067	1073	1076	rBV	72363	119011	5.97%	0.751%
15	9.195	1076	1082	1095	rVB2	300733	692730	34.75%	4.372%
16	9.665	1156	1162	1169	rVB	65374	109168	5.48%	0.689%
17	10.030	1219	1224	1229	rBV3	25398	50834	2.55%	0.321%
18	10.083	1229	1233	1244	rVB	65863	121763	6.11%	0.768%
19	10.235	1252	1259	1266	rVB2	193255	333793	16.75%	2.107%
20	10.535	1305	1310	1317	rBV	13270	23668	1.19%	0.149%
21	10.758	1342	1348	1350	rBV	17818	28893	1.45%	0.182%
22	10.835	1350	1361	1366	rVV2	129149	346835	17.40%	2.189%
23	10.887	1366	1370	1376	rVV4	48820	95335	4.78%	0.602%
24	10.952	1376	1381	1390	rVB	65979	111721	5.60%	0.705%
25	11.052	1390	1398	1403	rBV2	16025	28835	1.45%	0.182%
26	11.305	1432	1441	1453	rVB2	86023	154957	7.77%	0.978%
27	11.416	1453	1460	1467	rBV	67136	129620	6.50%	0.818%
28	11.499	1467	1474	1481	rVB2	38895	70394	3.53%	0.444%
29	11.751	1510	1517	1525	rVB	73859	123741	6.21%	0.781%
30	11.945	1544	1550	1556	rVB2	66956	118205	5.93%	0.746%
31	12.027	1556	1564	1571	rBV4	26043	59181	2.97%	0.374%
32	12.157	1583	1586	1592	rVB2	28069	42195	2.12%	0.266%
33	12.221	1592	1597	1605	rBV3	44700	86808	4.36%	0.548%
34	12.327	1605	1615	1618	rBV6	14667	41485	2.08%	0.262%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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	12.380	1618	1624	1630	rVV	139242	238139	11.95%	1.503%
36	12.456	1633	1637	1643	rVB2	16190	27246	1.37%	0.172%
37	12.697	1672	1678	1681	rBV4	18922	34188	1.72%	0.216%
38	12.744	1681	1686	1690	rVV3	52110	84204	4.22%	0.531%
39	12.791	1690	1694	1697	rBV3	14864	21861	1.10%	0.138%
40	12.926	1712	1717	1720	rVV4	11013	20260	1.02%	0.128%
41	12.997	1725	1729	1735	rVV4	25088	59963	3.01%	0.378%
42	13.050	1735	1738	1744	rVB2	17332	25215	1.26%	0.159%
43	13.214	1761	1766	1770	rVB2	17230	26339	1.32%	0.166%
44	13.285	1771	1778	1784	rBV	819179	1254792	62.95%	7.919%
45	13.608	1826	1833	1838	rBV3	58780	128722	6.46%	0.812%
46	13.661	1838	1842	1846	rVV4	27138	53308	2.67%	0.336%
47	13.719	1848	1852	1858	rVB	45398	68935	3.46%	0.435%
48	13.825	1859	1870	1879	rBV2	116427	318852	16.00%	2.012%
49	13.978	1887	1896	1902	rBV	202283	387960	19.46%	2.449%
50	14.060	1907	1910	1914	rVB2	17566	22410	1.12%	0.141%
51	14.113	1914	1919	1923	rBV	23933	37009	1.86%	0.234%
52	14.219	1932	1937	1940	rBV	115956	181574	9.11%	1.146%
53	14.248	1940	1942	1947	rVB	63434	87447	4.39%	0.552%
54	14.383	1957	1965	1972	rBV	85070	143248	7.19%	0.904%
55	14.660	2001	2012	2019	rBV3	218705	436707	21.91%	2.756%
56	14.724	2019	2023	2031	rVB4	42766	108272	5.43%	0.683%
57	14.871	2042	2048	2056	rVB3	33451	83848	4.21%	0.529%
58	14.971	2058	2065	2068	rBV5	15854	36622	1.84%	0.231%
59	15.059	2074	2080	2087	rVB	75908	134084	6.73%	0.846%
60	15.130	2087	2092	2102	rBV3	48235	90480	4.54%	0.571%
61	15.276	2111	2117	2122	rBV2	65463	112833	5.66%	0.712%
62	15.329	2122	2126	2133	rVB	34452	53545	2.69%	0.338%
63	15.447	2139	2146	2149	rBV4	31717	72555	3.64%	0.458%
64	15.476	2149	2151	2161	rVB4	33182	60483	3.03%	0.382%
65	15.611	2170	2174	2179	rVB3	15856	26676	1.34%	0.168%
66	15.705	2182	2190	2194	rBV3	87509	147289	7.39%	0.930%
67	15.835	2204	2212	2217	rBV	109205	195380	9.80%	1.233%
68	15.917	2222	2226	2230	rBV4	17416	24015	1.20%	0.152%
69	16.023	2237	2244	2252	rVB7	32096	86571	4.34%	0.546%
70	16.152	2257	2266	2276	rBV	740826	1180198	59.21%	7.449%
71	16.381	2300	2305	2312	rVB6	26272	52684	2.64%	0.333%

LSC Area Percent Report

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Data File : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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

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

72	16.516	2320	2328	2334	rBV6	15159	39651	1.99%	0.250%
73	16.704	2350	2360	2365	rBV7	22904	74188	3.72%	0.468%
74	16.763	2365	2370	2375	rBV3	45422	84283	4.23%	0.532%
75	16.857	2383	2386	2390	rVB4	18239	26164	1.31%	0.165%
76	17.221	2444	2448	2457	rVB3	20818	40817	2.05%	0.258%
77	17.409	2474	2480	2485	rBV	249328	385891	19.36%	2.436%
78	17.603	2509	2513	2518	rVB7	14165	25689	1.29%	0.162%
79	18.302	2626	2632	2645	rVB3	73457	136294	6.84%	0.860%
80	18.578	2675	2679	2684	rVB2	21204	29800	1.50%	0.188%
81	18.719	2698	2703	2712	rVV2	72432	136797	6.86%	0.863%
82	19.025	2751	2755	2758	rBV2	25409	33906	1.70%	0.214%
83	19.054	2758	2760	2765	rVB	20928	24996	1.25%	0.158%
84	19.172	2773	2780	2790	rBV6	43361	120534	6.05%	0.761%
85	19.342	2805	2809	2814	rVB2	26821	42644	2.14%	0.269%
86	19.401	2814	2819	2822	rBV2	25083	38349	1.92%	0.242%
87	19.442	2823	2826	2833	rVB3	17318	27121	1.36%	0.171%
88	19.571	2844	2848	2857	rVB4	36030	54545	2.74%	0.344%
89	20.024	2918	2925	2932	rBV	1494509	1993292	100.00%	12.580%
90	21.322	3143	3146	3150	rBV4	16646	23482	1.18%	0.148%
91	21.575	3185	3189	3194	rVB	19402	29010	1.46%	0.183%
92	21.681	3200	3207	3212	rBV	288632	469420	23.55%	2.963%
93	23.385	3488	3497	3504	rBV	39744	87420	4.39%	0.552%
94	24.906	3746	3756	3767	rBV2	157853	442174	22.18%	2.791%

Sum of corrected areas: 15844342

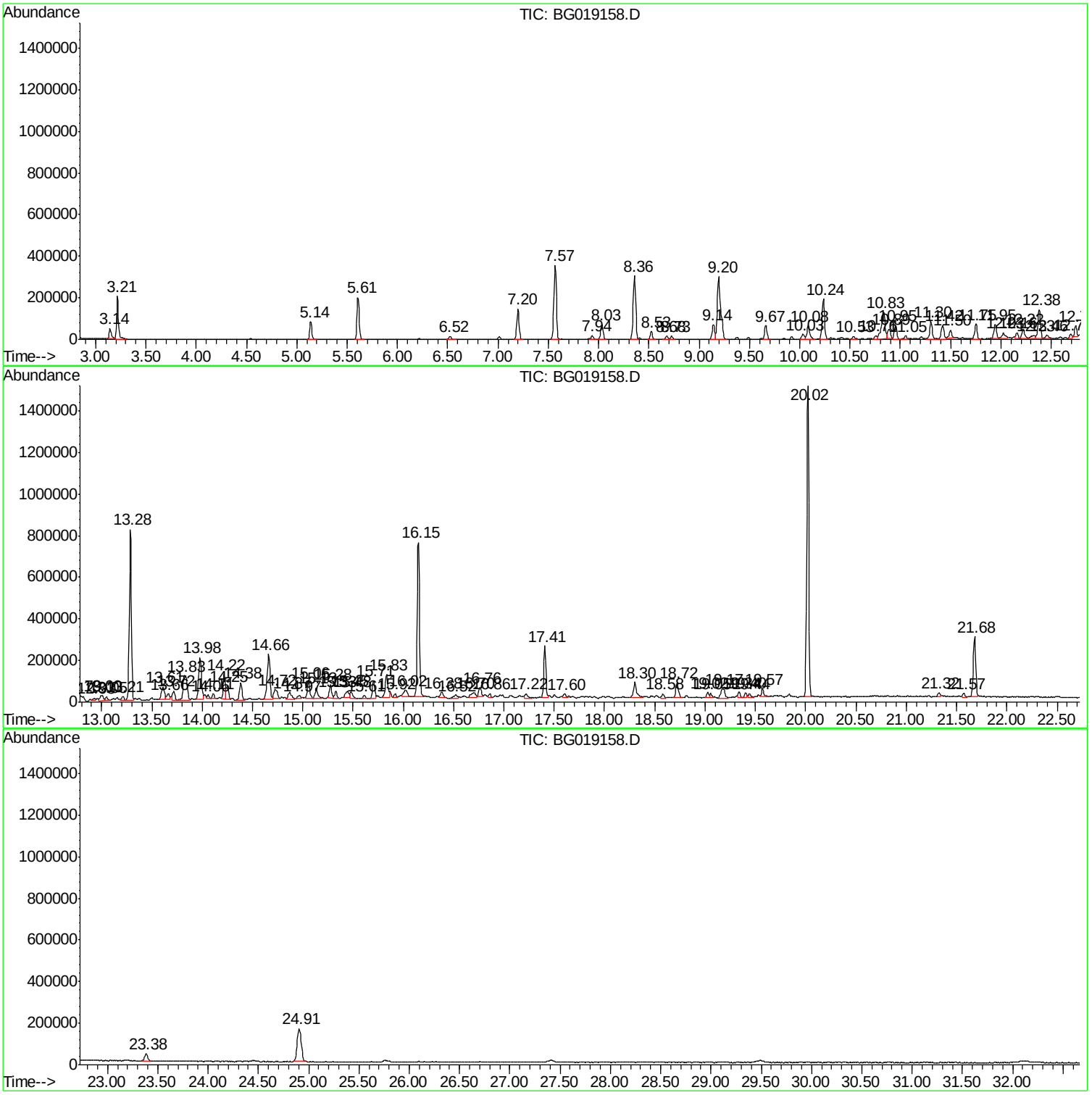
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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 : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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

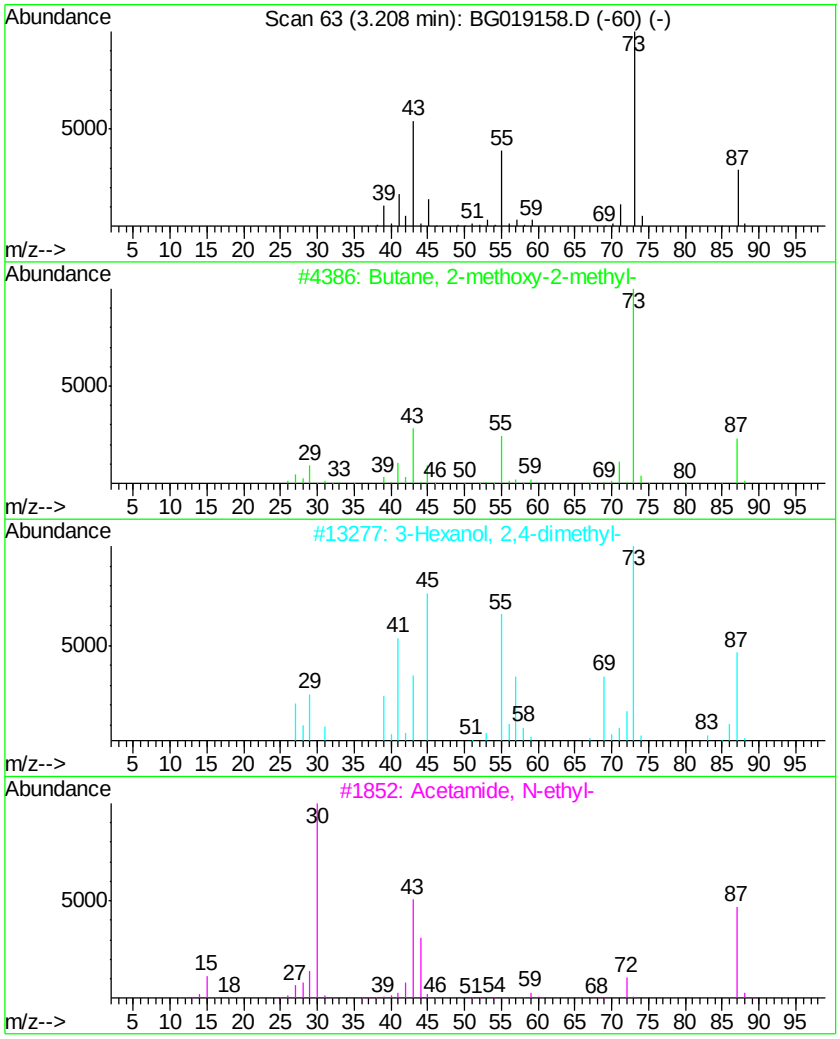
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

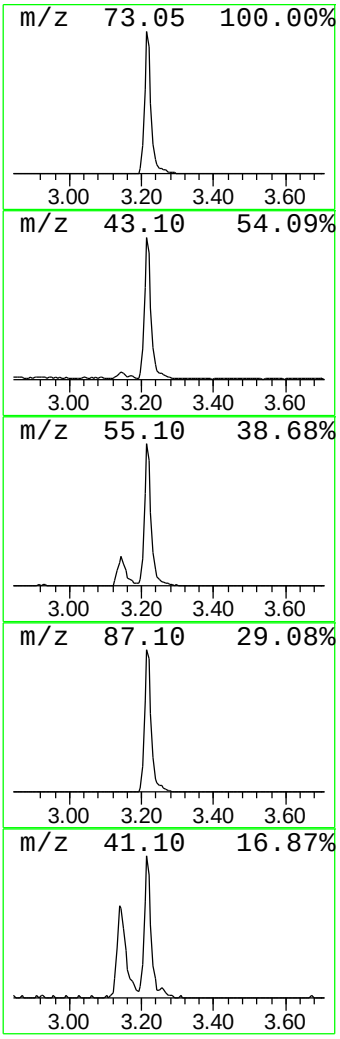
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	46.75 ng	277616	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	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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

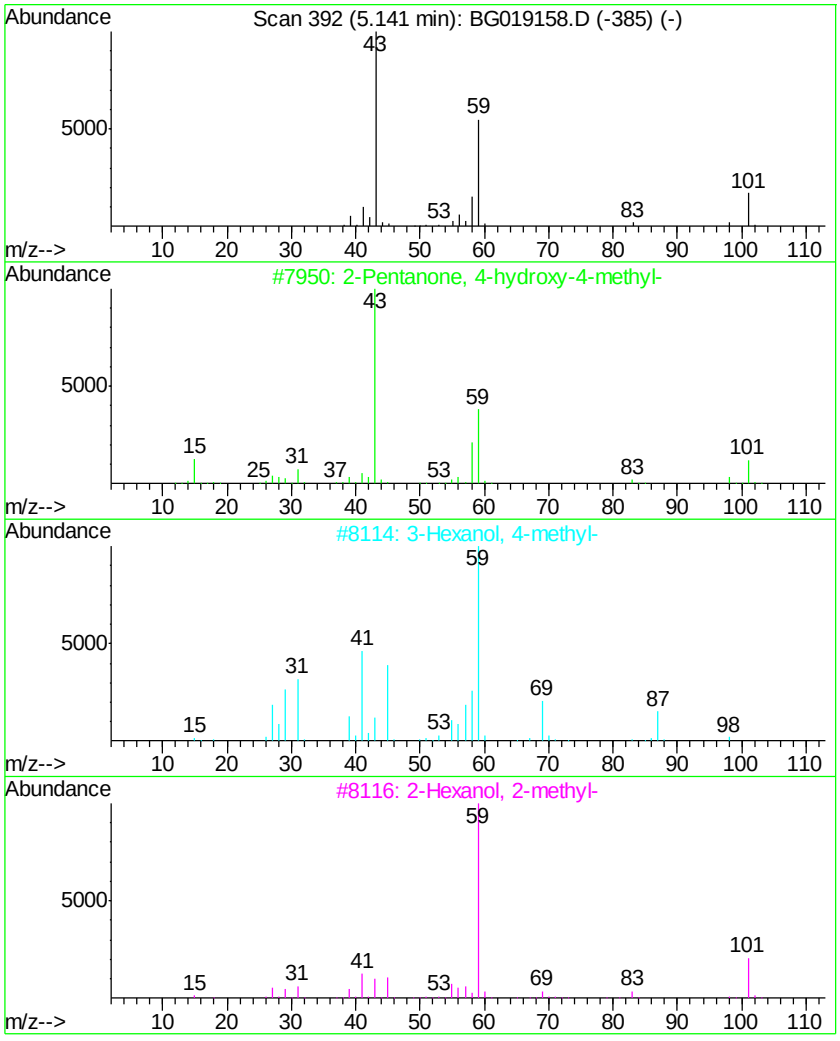
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

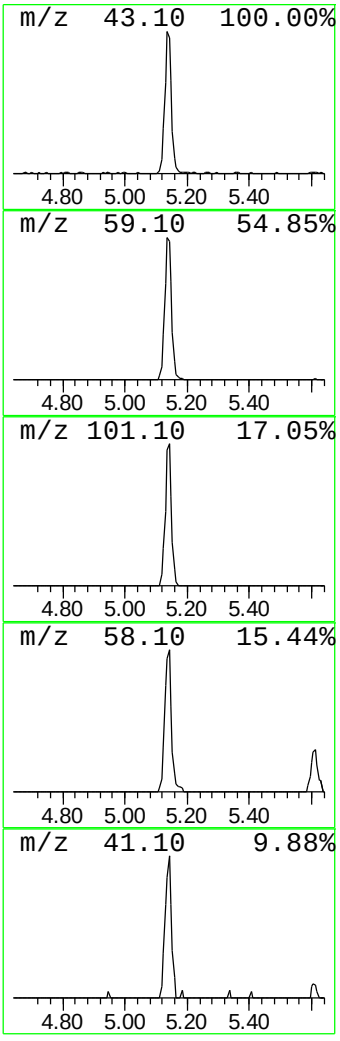
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	21.70 ng	128883	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	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	9





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Data File : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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

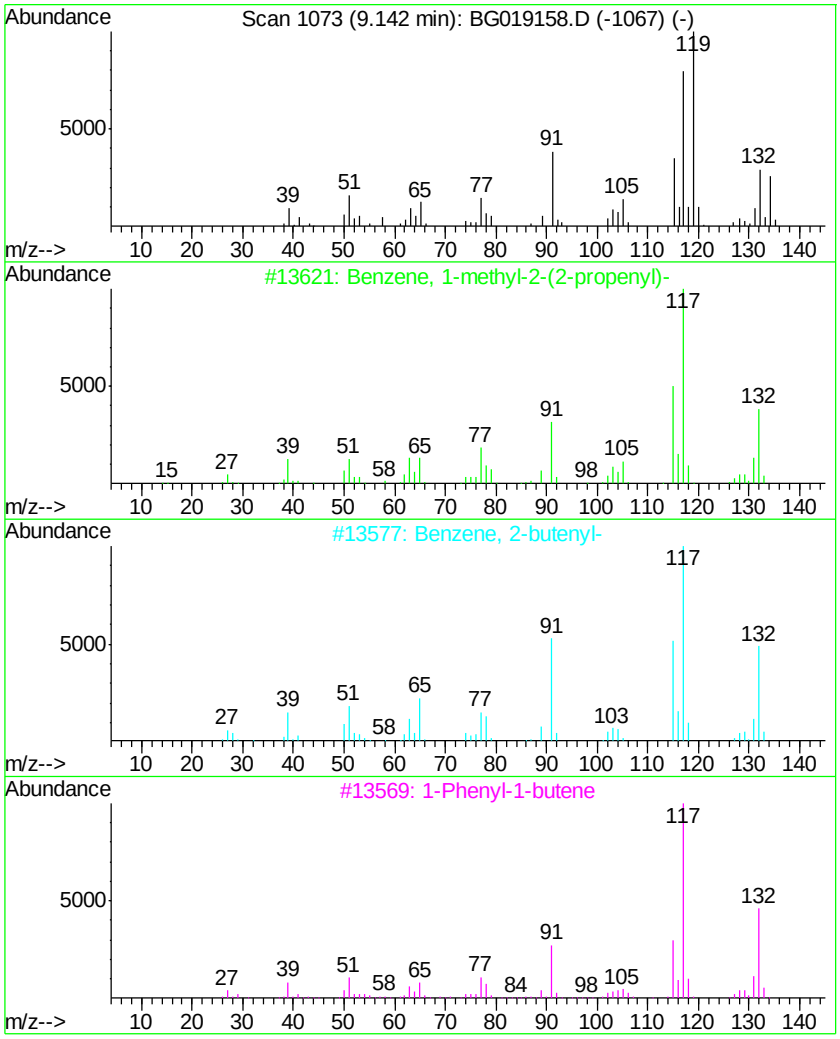
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

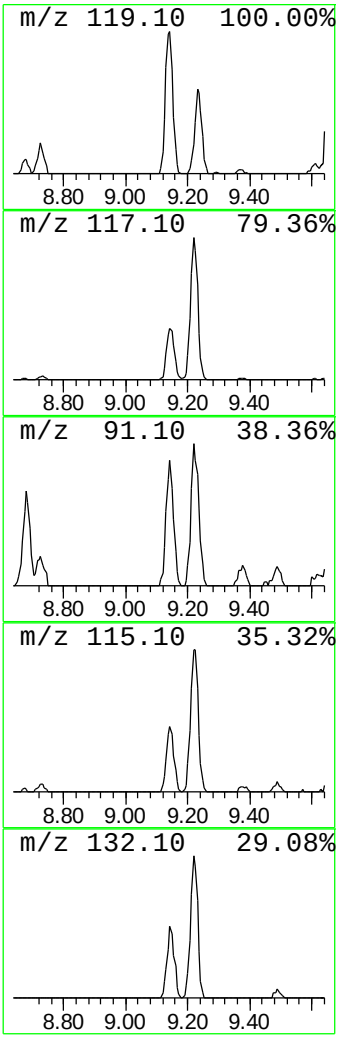
****

Peak Number 7 Benzene, 1-methyl-2-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	20.04 ng	119011	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	95
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	89
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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

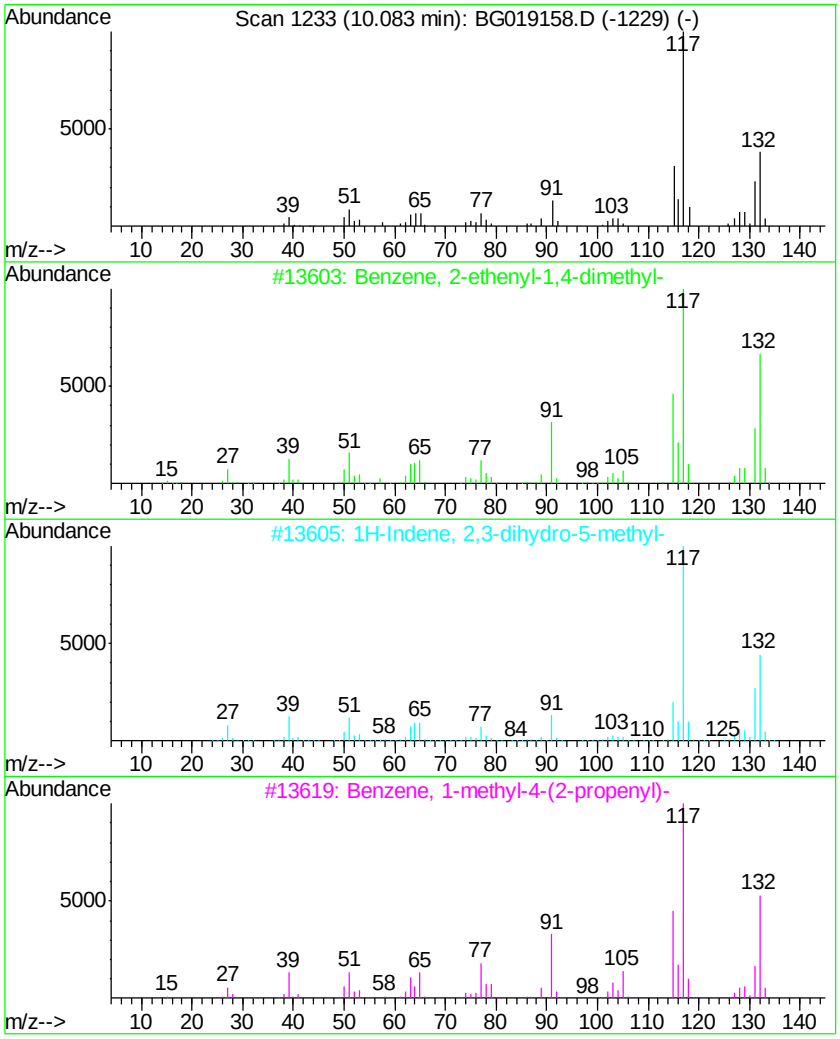
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

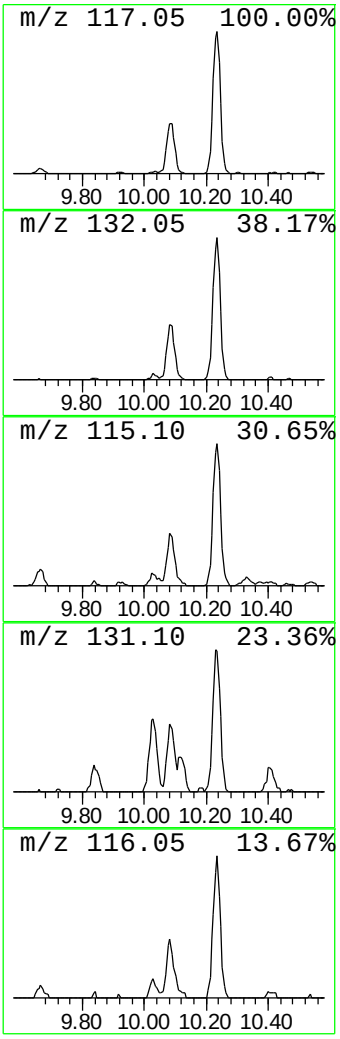
****

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	7.02 ng	121763	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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

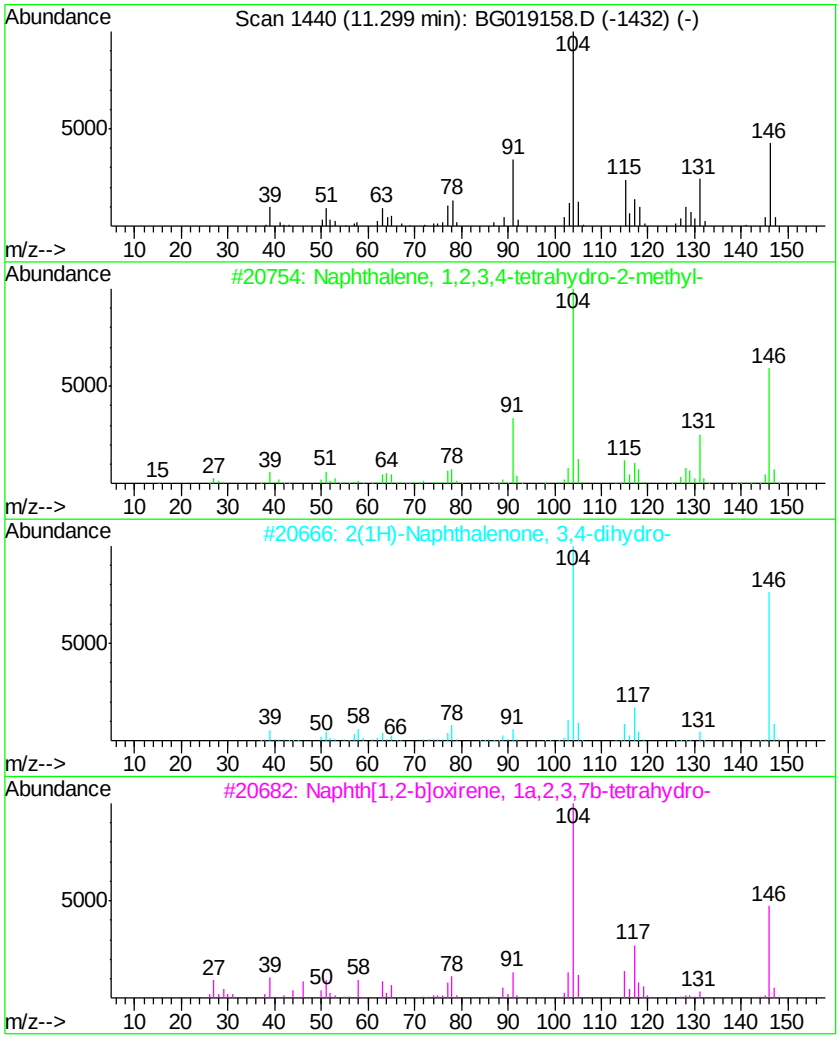
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

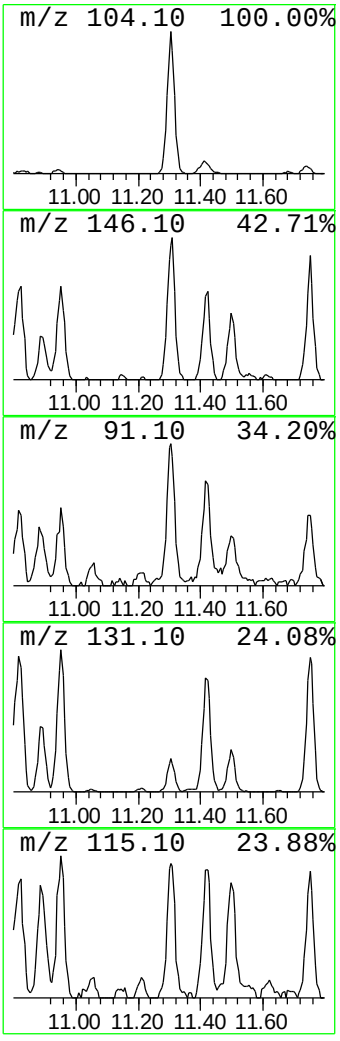
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	8.94 ng	154957	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	53
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	43
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38
5	Benzenemethanimine, .alpha.-(1,1...	161	C11H15N	033611-54-0	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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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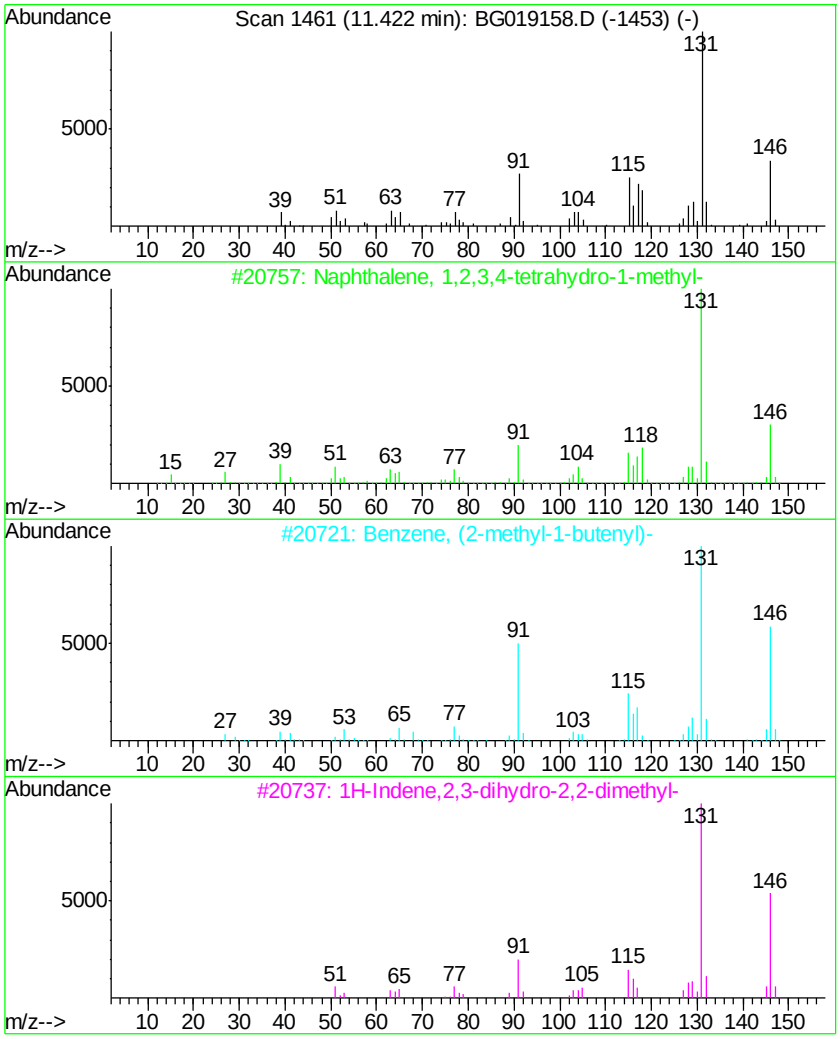
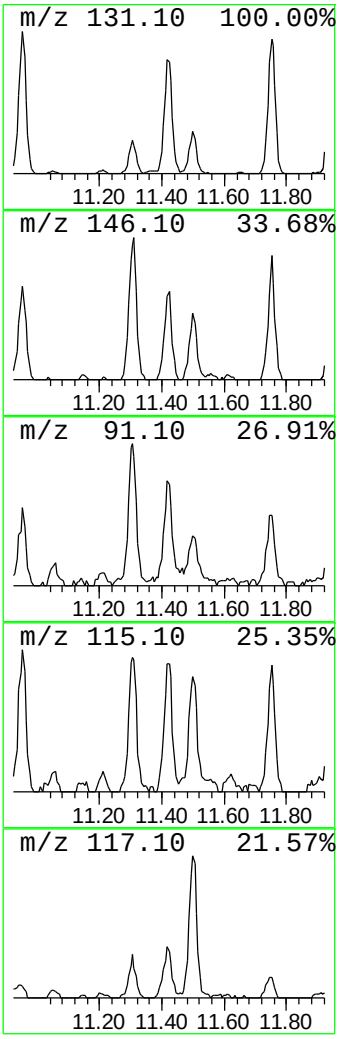
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	7.47 ng	129620	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
3	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	81
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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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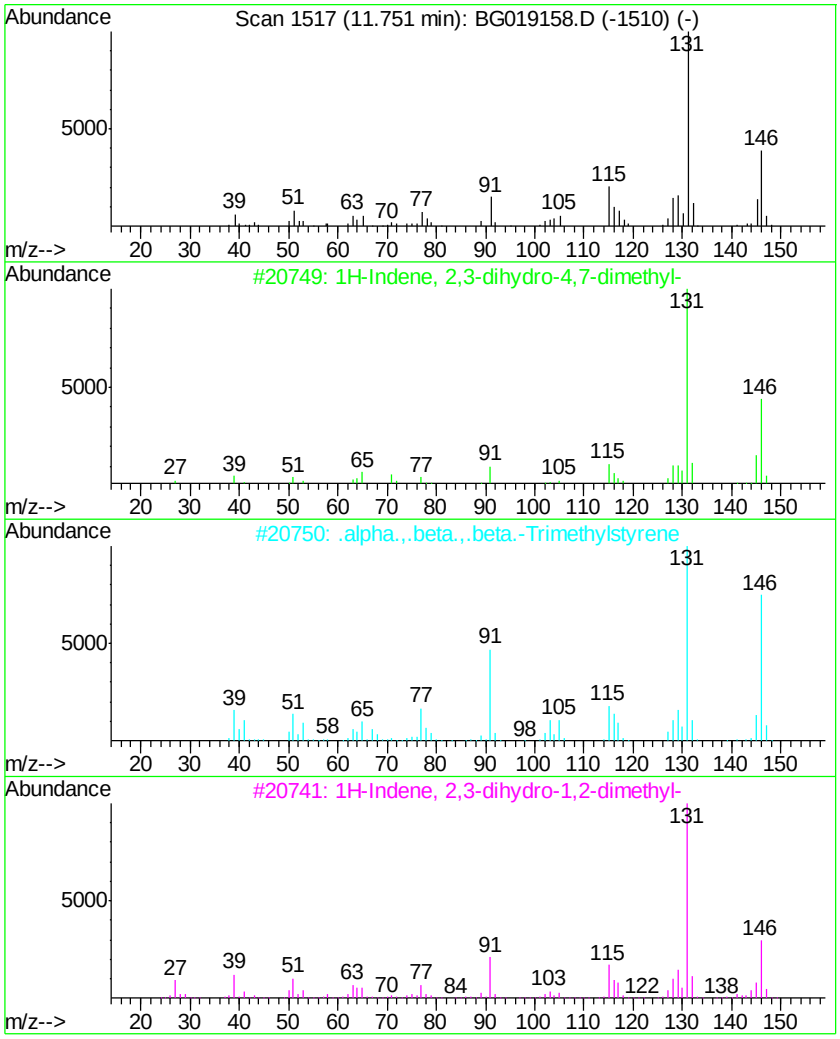
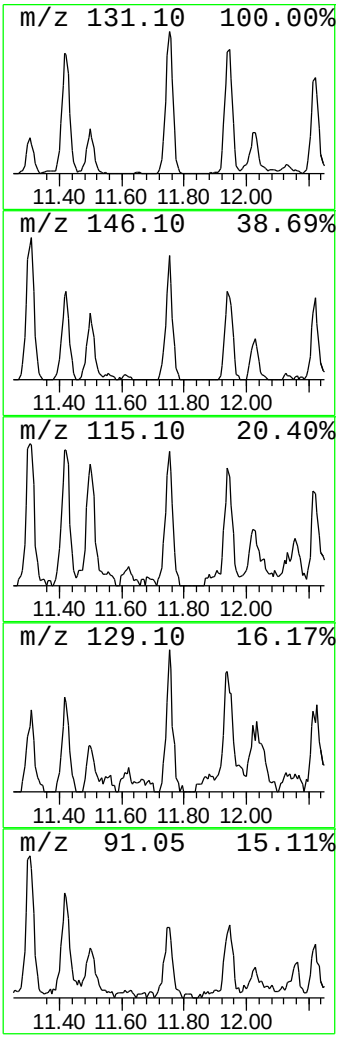
Peak Number 12 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	7.14 ng	123741	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	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	96
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	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93





Library Search Compound Report

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Data File : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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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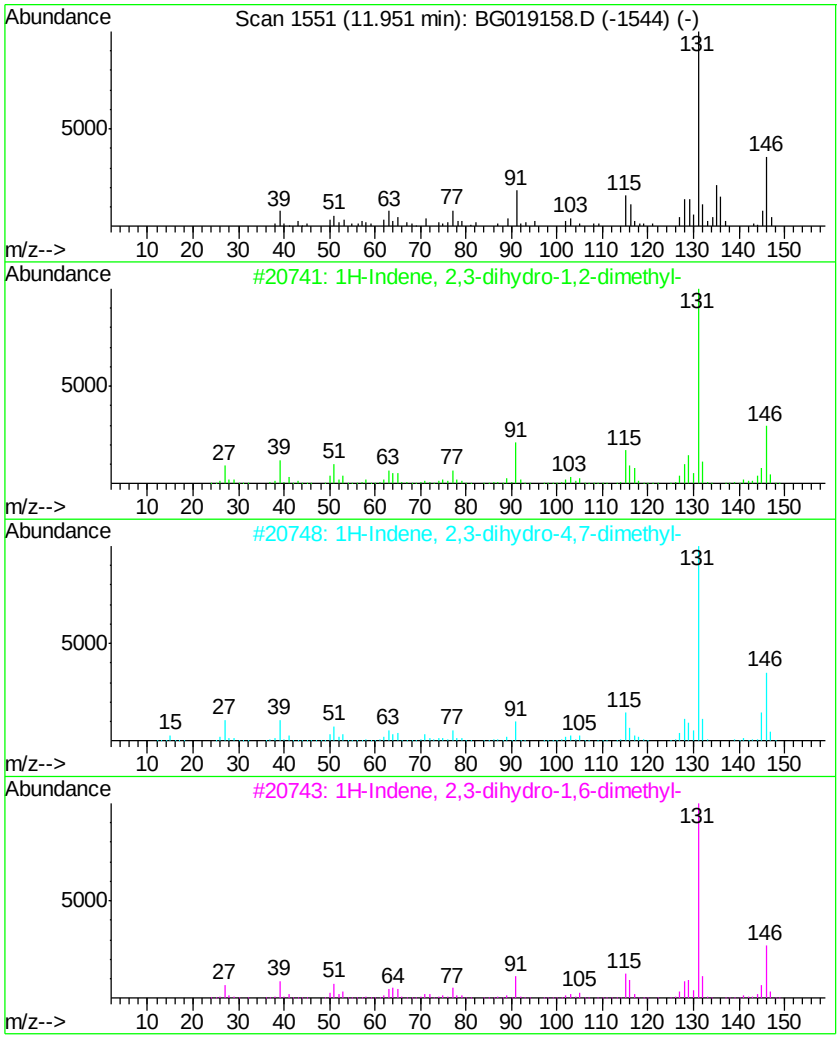
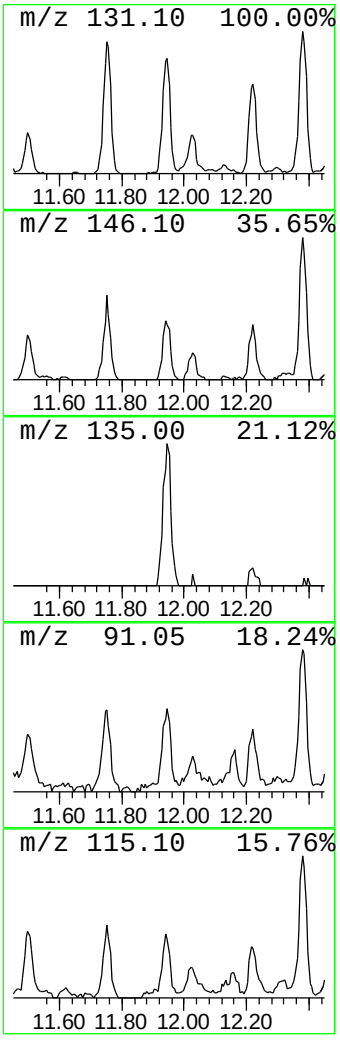
Peak Number 13 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	6.82 ng	118205	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	86





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Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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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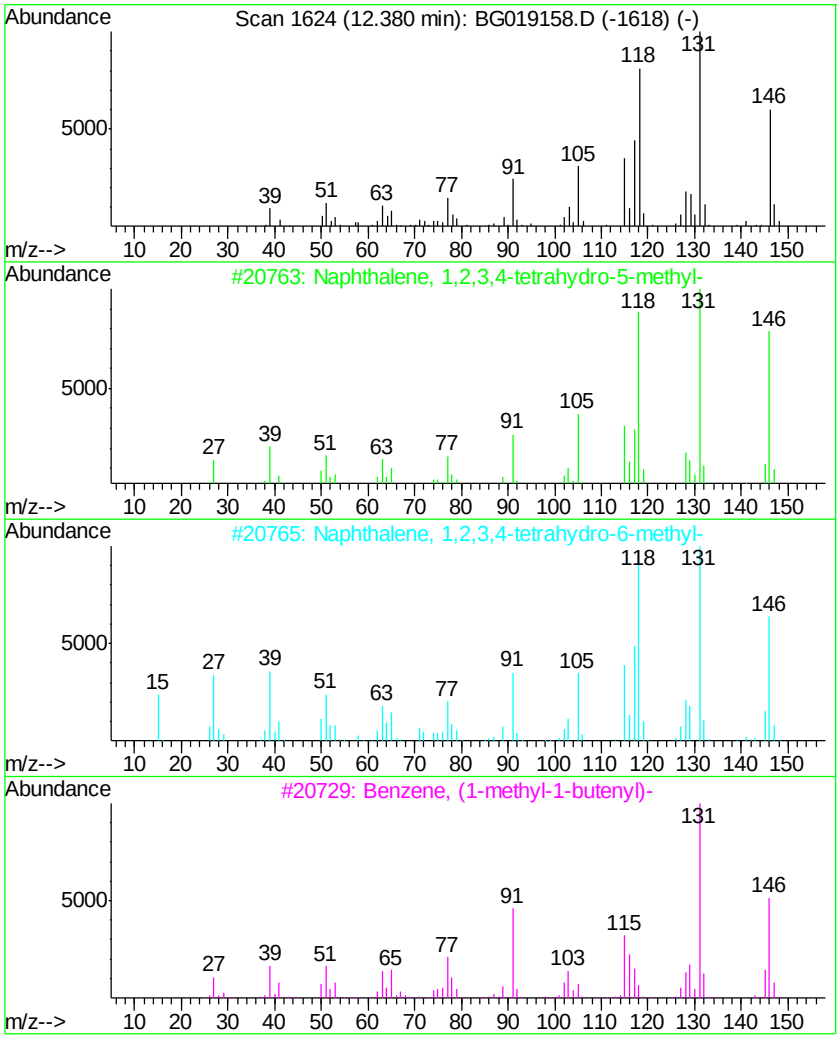
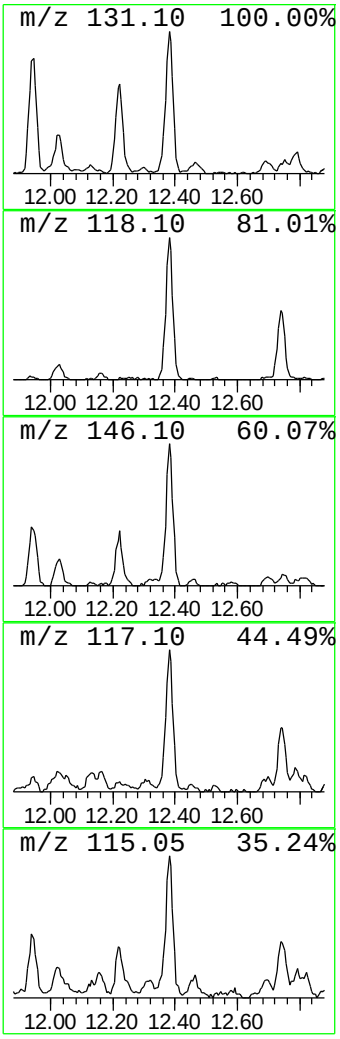
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	13.73 ng	238139	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
4	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	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 : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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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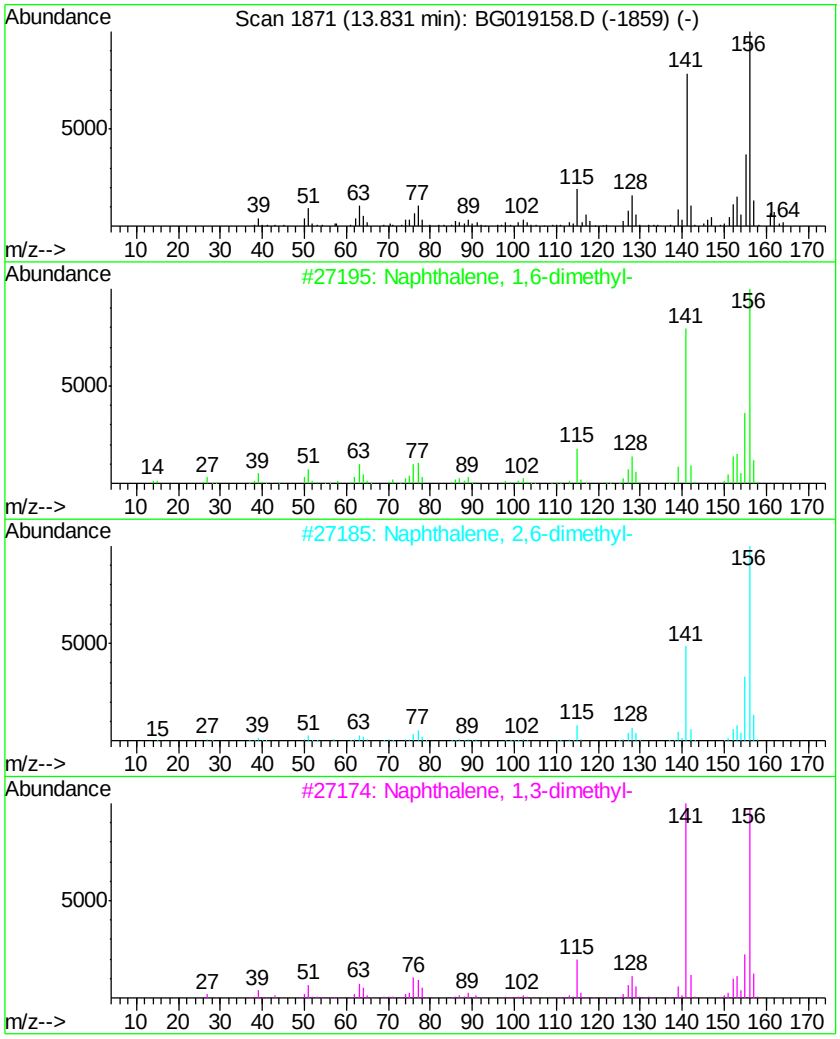
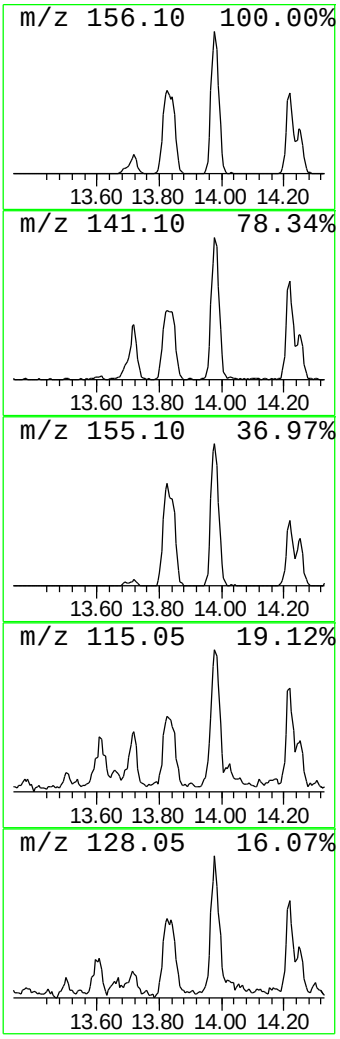
Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	14.60 ng	318852	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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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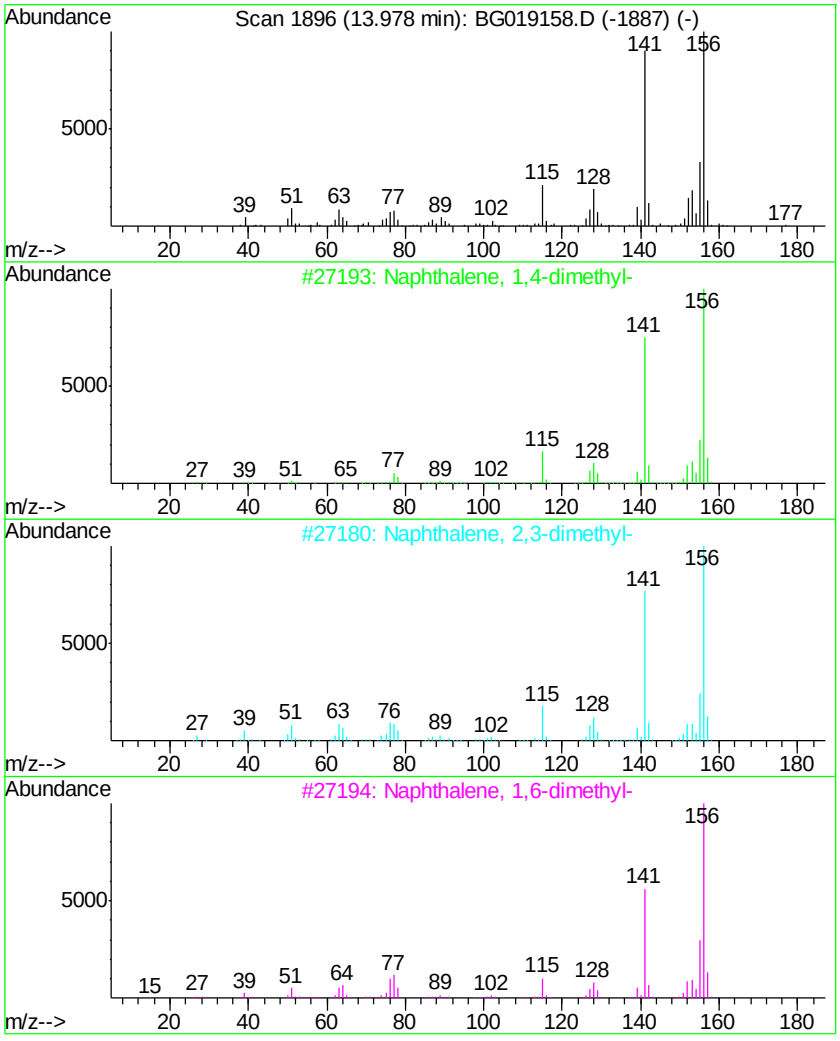
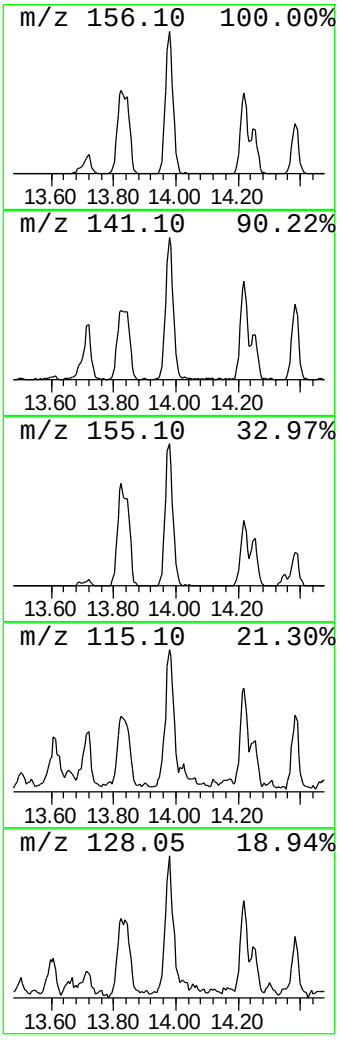
Peak Number 16 Naphthalene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	17.77 ng	387960	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
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Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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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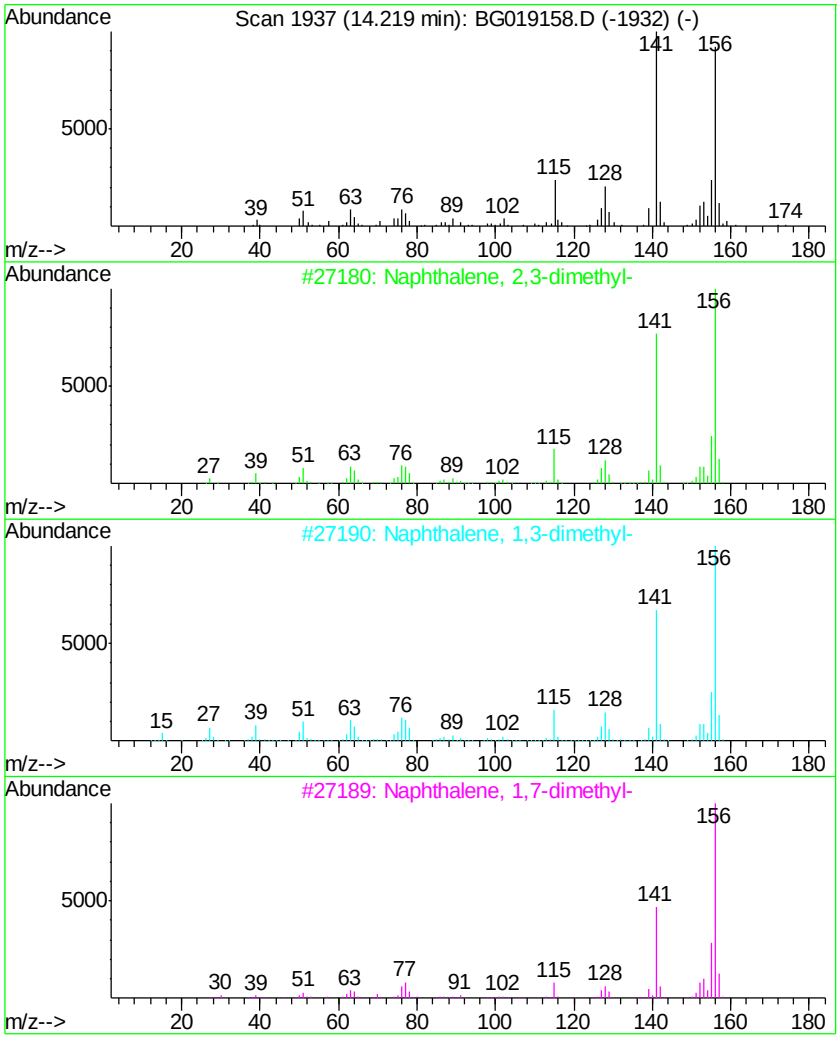
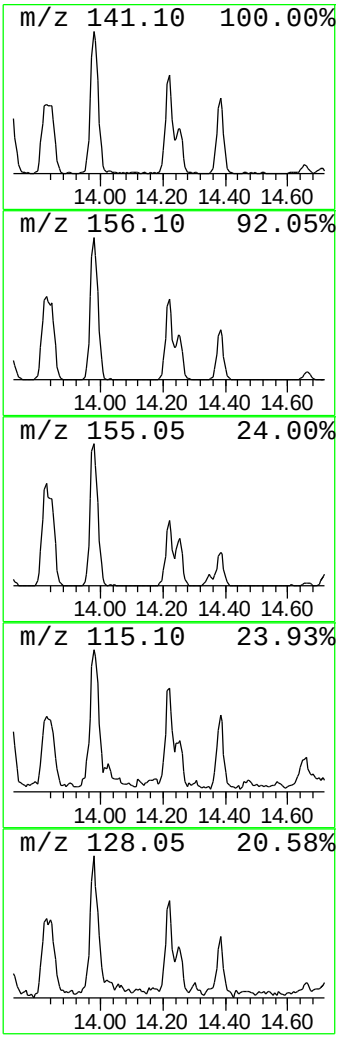
Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	8.32 ng	181574	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
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Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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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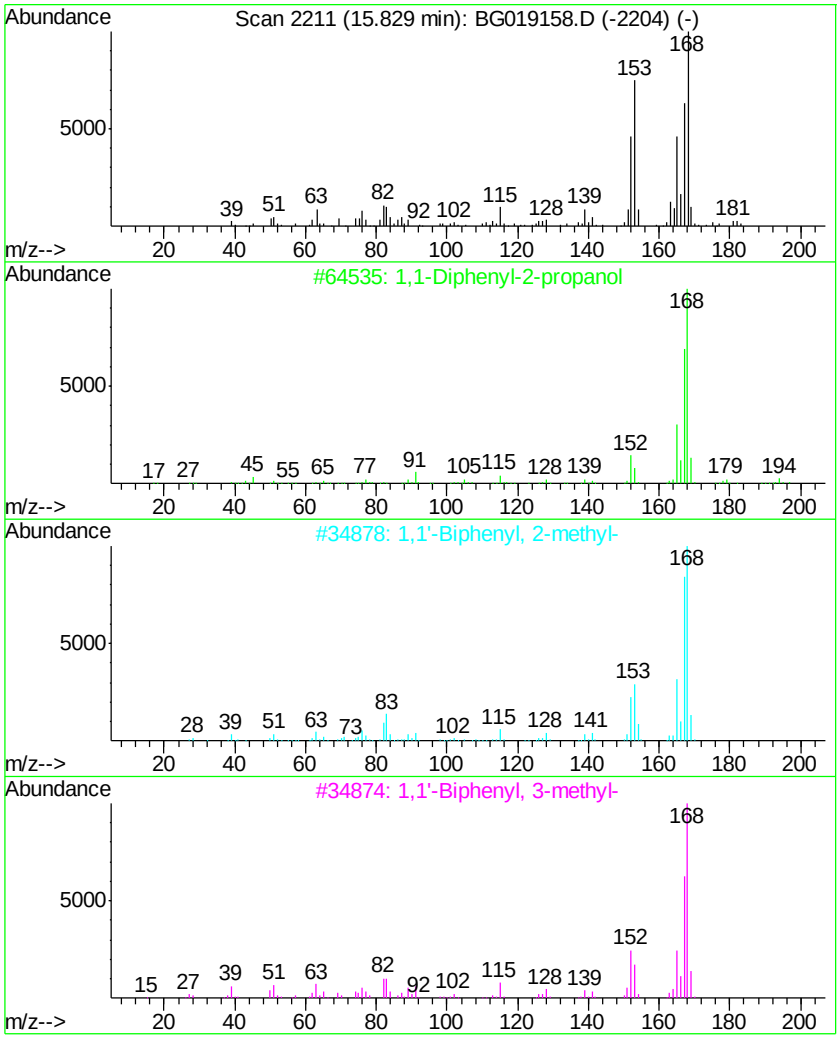
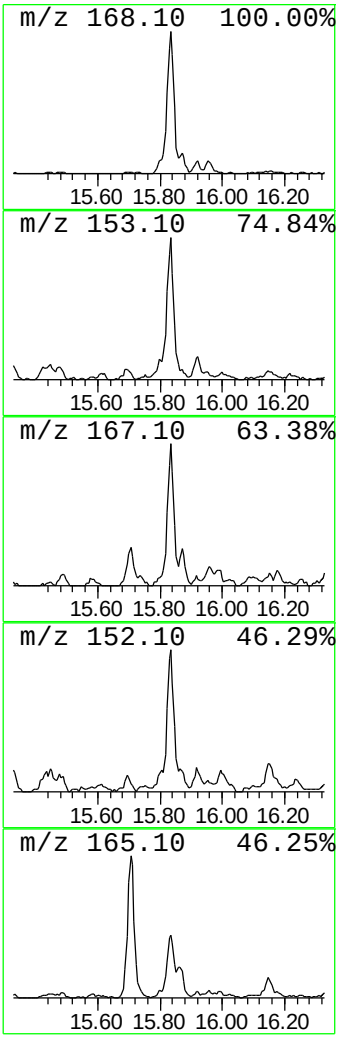
Peak Number 18 1,1-Diphenyl-2-propanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	8.95 ng	195380	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	59
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
4	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	45
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43





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Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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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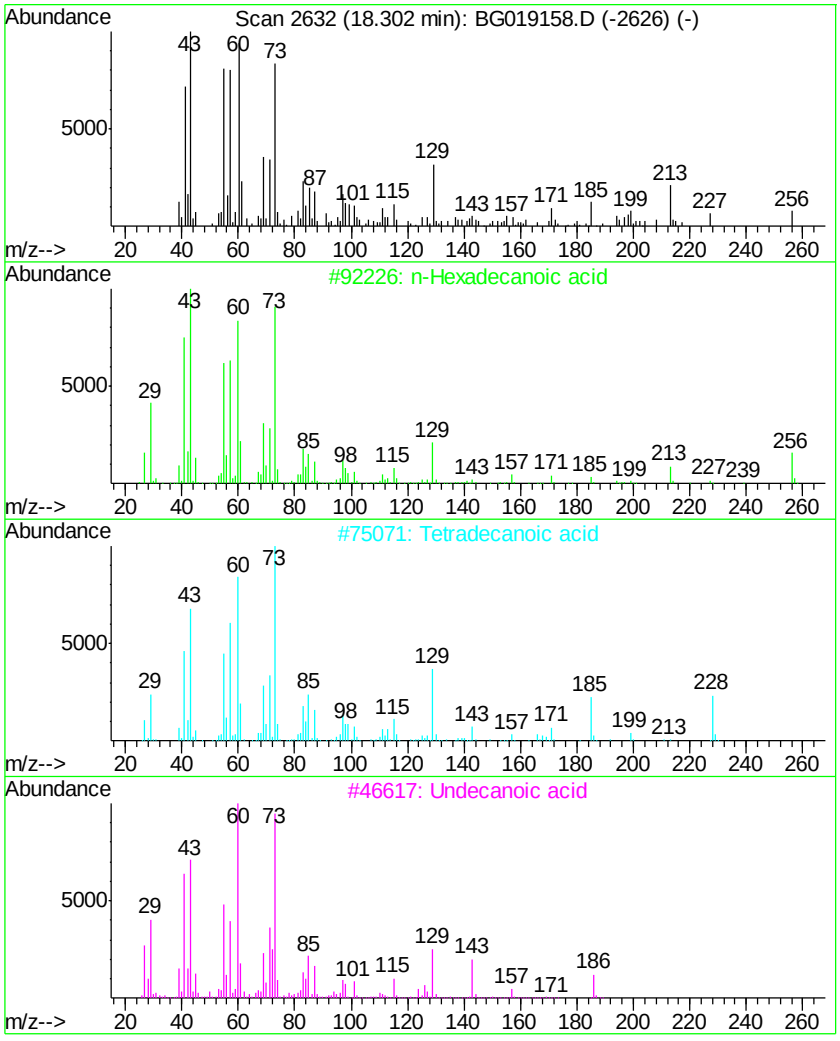
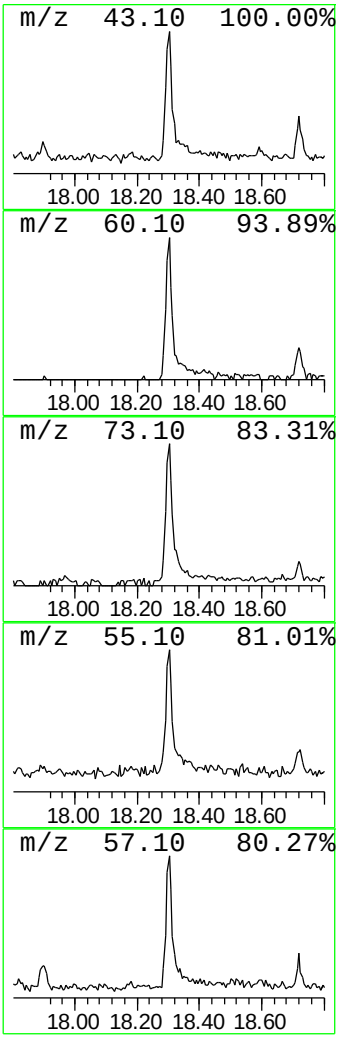
Peak Number 19 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	7.06 ng	136294	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49





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Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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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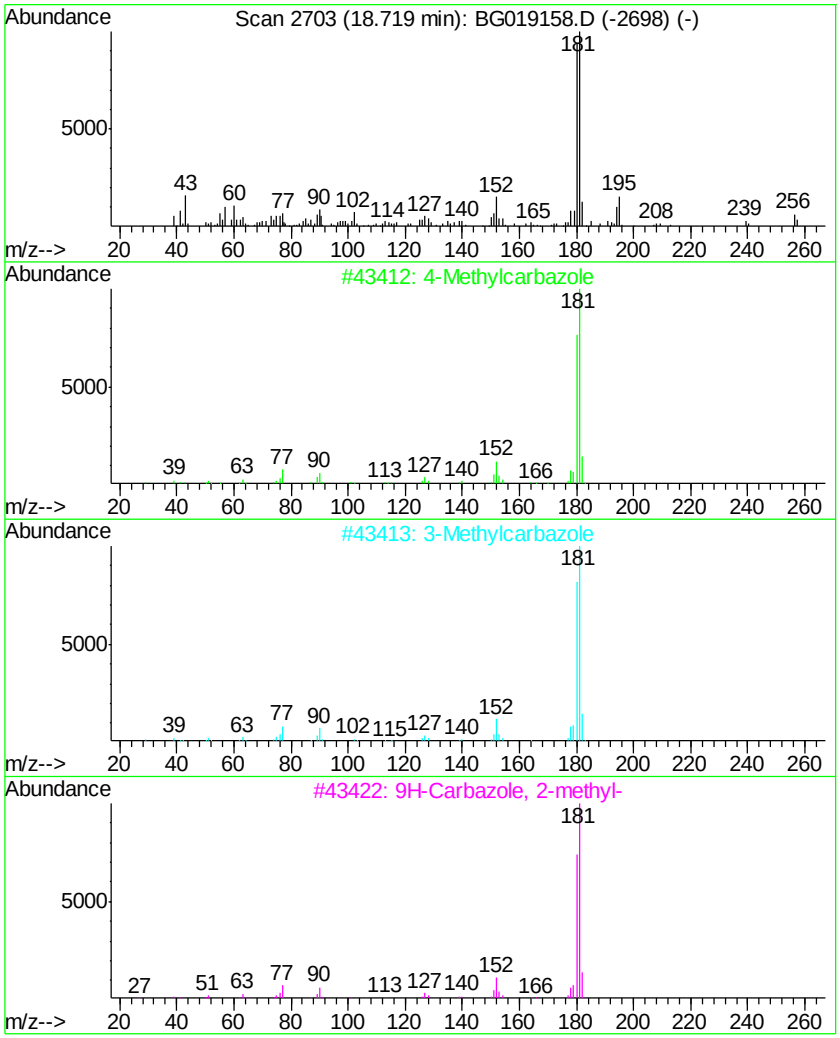
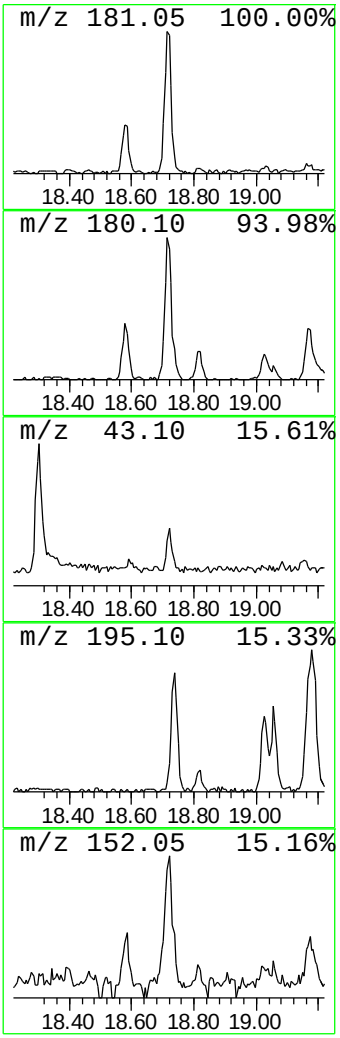
Peak Number 20 4-Methylcarbazole Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	7.09 ng	136797	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	96
2	3-Methylcarbazole	181	C13H11N	004630-20-0	96
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
4	1-Methylcarbazole	181	C13H11N	006510-65-2	93
5	Methylcarbazole	181	C13H11N	027323-29-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

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...	3.21	46.8	ng	277616	1	8.03	118766	20.0
2-Pentanone, 4-hy...	5.14	21.7	ng	128883	1	8.03	118766	20.0
Benzene, 1-methyl...	9.14	20.0	ng	119011	1	8.03	118766	20.0
Benzene, 2-etheny...	10.08	7.0	ng	121763	2	10.84	346835	20.0
Naphthalene, 1,2,...	11.30	8.9	ng	154957	2	10.84	346835	20.0
Naphthalene, 1,2,...	11.42	7.5	ng	129620	2	10.84	346835	20.0
1H-Indene, 2,3-di...	11.75	7.1	ng	123741	2	10.84	346835	20.0
1H-Indene, 2,3-di...	11.95	6.8	ng	118205	2	10.84	346835	20.0
Naphthalene, 1,2,...	12.38	13.7	ng	238139	2	10.84	346835	20.0
Naphthalene, 1,6-...	13.83	14.6	ng	318852	3	14.66	436707	20.0
Naphthalene, 1,4-...	13.98	17.8	ng	387960	3	14.66	436707	20.0
Naphthalene, 2,3-...	14.22	8.3	ng	181574	3	14.66	436707	20.0
1,1-Diphenyl-2-pr...	15.83	8.9	ng	195380	3	14.66	436707	20.0
n-Hexadecanoic acid	18.30	7.1	ng	136294	4	17.41	385891	20.0
4-Methylcarbazole	18.72	7.1	ng	136797	4	17.41	385891	20.0