LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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	46	52	59	rBV	41417	71484	4.06%	0.532%
2	3.214	60	64	78	rVB	177356	240567	13.66%	1.789%
3	5.136	385	391	399	rBV	103232	154574	8.78%	1.150%
4	5.612	464	472	481	rBV	237768	377874	21.46%	2.811%
5	7.198	735	742	753	rVB	192198	317148	18.01%	2.359%
6	7.568	797	805	813	rBV	376557	627847	35.65%	4.670%
7	8.032	877	884	891	rVB2	78858	132579	7.53%	0.986%
8	8.355	931	939	945	rBV	310295	532546	30.24%	3.961%
9	8.408	945	948	955	rVB	34304	51394	2.92%	0.382%
10	9.143	1062	1073	1076	rBV2	28030	50920	2.89%	0.379%
11	9.196	1076	1082	1097	rVB	296017	564258	32.04%	4.197%
12	9.378	1104	1113	1122	rBV8	10103	27676	1.57%	0.206%
13	9.660	1157	1161	1167	rVB	18725	28563	1.62%	0.212%
14	10.024	1217	1223	1230	rBV8	20174	43444	2.47%	0.323%
15	10.083	1230	1233	1243	rVB2	14972	27057	1.54%	0.201%
16	10.236	1253	1259	1268	rBV3	49686	87210	4.95%	0.649%
17	10.841	1350	1362	1368	rBV	121172	262118	14.88%	1.950%
18	10.952	1376	1381	1386	rBV	17921	25401	1.44%	0.189%
19	11.217	1420	1426	1430	rBV6	10016	18527	1.05%	0.138%
20	11.305	1435	1441	1451	rVB	65929	133662	7.59%	0.994%
21	11.417	1453	1460	1466	rBV2	26380	48037	2.73%	0.357%
22	11.505	1470	1475	1477	rBV3	15168	24611	1.40%	0.183%
23	11.751	1512	1517	1525	rVB3	27659	58664	3.33%	0.436%
24	11.857	1530	1535	1539	rBV	38512	62882	3.57%	0.468%
25	11.945	1545	1550	1555	rVB3	34643	61326	3.48%	0.456%
26	12.028	1558	1564	1572	rVB4	29967	55898	3.17%	0.416%
27	12.157	1583	1586	1592	rVB	30667	46324	2.63%	0.345%
28	12.221	1593	1597	1599	rBV3	13792	17948	1.02%	0.133%
29	12.380	1618	1624	1629	rVB5	38980	67439	3.83%	0.502%
30	12.451	1634	1636	1646	rVB6	23379	48440	2.75%	0.360%
31	12.744	1681	1686	1690	rBV2	57492	94590	5.37%	0.704%
32	12.885	1704	1710	1713	rBV7	19017	36237	2.06%	0.270%
33	12.950	1717	1721	1726	rVV6	21760	53583	3.04%	0.399%
34	13.009	1726	1731	1735	rVV6	18317	43653	2.48%	0.325%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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	13.050	1735	1738	1744	rVV4	19557	37604	2.14%	0.280%
36	13.126	1745	1751	1755	rVV3	32624	71773	4.08%	0.534%
37	13.197	1759	1763	1770	rVV2	75027	135552	7.70%	1.008%
38	13.285	1770	1778	1785	rVV	827461	1323211	75.14%	9.842%
39	13.367	1789	1792	1797	rVB6	12124	20313	1.15%	0.151%
40	13.473	1802	1810	1812	rBV7	21537	52515	2.98%	0.391%
41	13.502	1813	1815	1819	rVB3	20946	25336	1.44%	0.188%
42	13.549	1819	1823	1825	rBV3	20129	28877	1.64%	0.215%
43	13.596	1829	1831	1837	rVB3	42463	71623	4.07%	0.533%
44	13.820	1865	1869	1877	rBV6	50336	134002	7.61%	0.997%
45	13.984	1892	1897	1902	rVB2	74314	132220	7.51%	0.983%
46	14.090	1912	1915	1917	rBV3	19470	27872	1.58%	0.207%
47	14.143	1920	1924	1928	rVB	91005	115611	6.56%	0.860%
48	14.219	1933	1937	1940	rBV2	44239	70180	3.99%	0.522%
49	14.384	1957	1965	1970	rBV	69777	148879	8.45%	1.107%
50	14.495	1981	1984	1990	rVB7	38753	66950	3.80%	0.498%
51	14.660	2003	2012	2018	rBV2	214641	392108	22.27%	2.916%
52	14.719	2018	2022	2026	rBV4	34685	59785	3.39%	0.445%
53	15.059	2076	2080	2087	rVB4	61907	108202	6.14%	0.805%
54	15.136	2090	2093	2096	rVB	35975	41774	2.37%	0.311%
55	15.177	2097	2100	2109	rVB6	40073	74473	4.23%	0.554%
56	15.277	2113	2117	2120	rBV2	34169	58961	3.35%	0.439%
57	15.359	2128	2131	2134	rBV3	32182	35223	2.00%	0.262%
58	15.482	2149	2152	2160	rVB6	65330	104189	5.92%	0.775%
59	15.700	2185	2189	2194	rBV5	61958	102725	5.83%	0.764%
60	15.835	2208	2212	2215	rVB	92479	114946	6.53%	0.855%
61	15.917	2222	2226	2233	rVB3	101144	154012	8.75%	1.146%
62	16.035	2242	2246	2254	rVB4	84163	159824	9.08%	1.189%
63	16.152	2260	2266	2273	rVB	761959	1184824	67.28%	8.813%
64	16.393	2302	2307	2318	rVB2	144746	258289	14.67%	1.921%
65	16.769	2365	2371	2376	rBV4	80666	164232	9.33%	1.222%
66	17.216	2443	2447	2456	rVB2	94762	177700	10.09%	1.322%
67	17.410	2474	2480	2484	rBV2	273086	414342	23.53%	3.082%
68	17.821	2546	2550	2555	rBV5	36872	60673	3.45%	0.451%
69	20.024	2919	2925	2935	rVB	1298028	1761044	100.00%	13.098%
70	21.323	3142	3146	3153	rBV6	19268	31646	1.80%	0.235%
71	21.681	3200	3207	3213	rBV	303475	511979	29.07%	3.808%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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

72	23.385	3493	3497	3504	rVB9	10460	21319	1.21%	0.159%
73	24.912	3746	3757	3770	rBV2	168999	495464	28.13%	3.685%

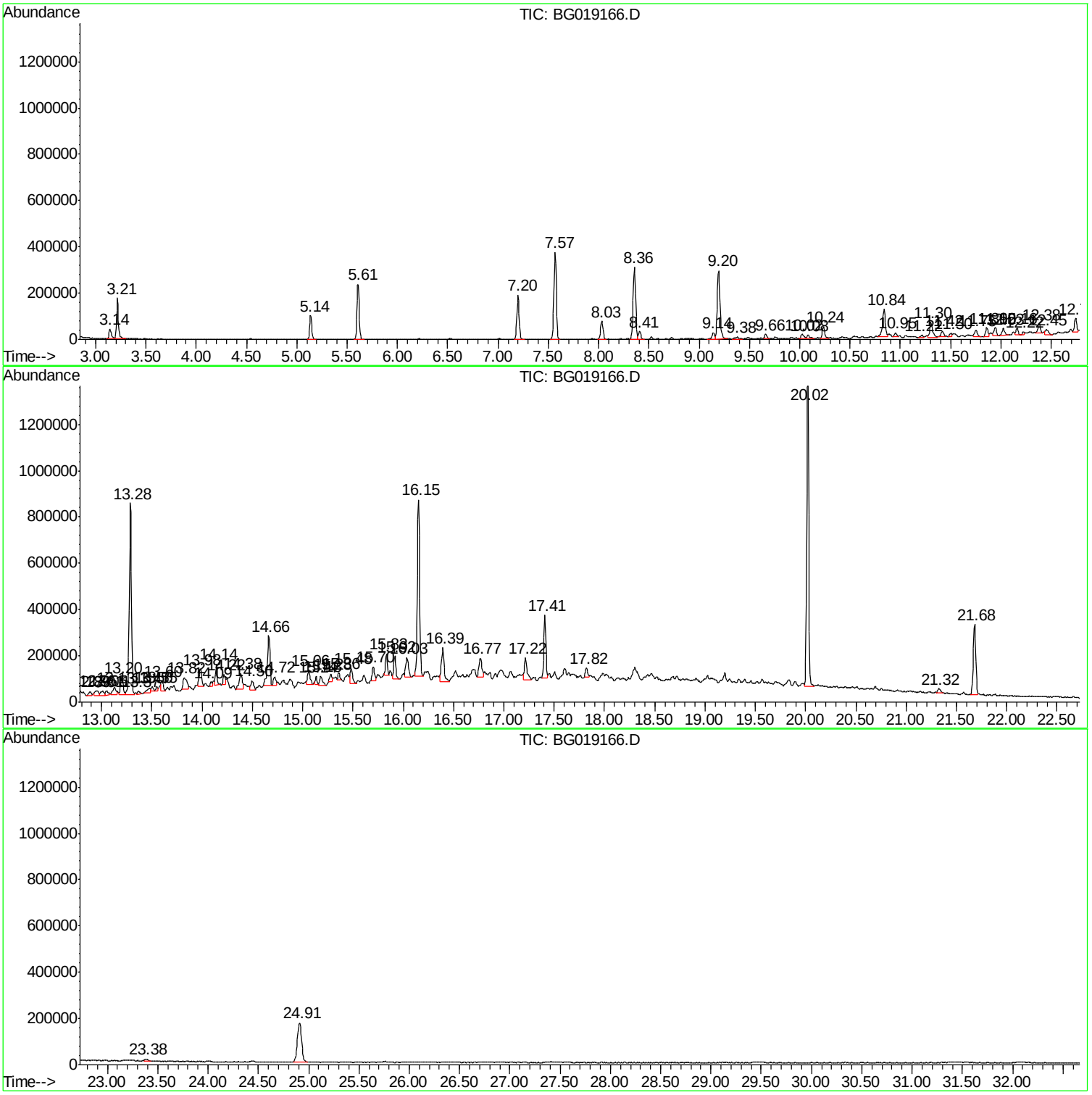
Sum of corrected areas: 13444733

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C6-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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-GW

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

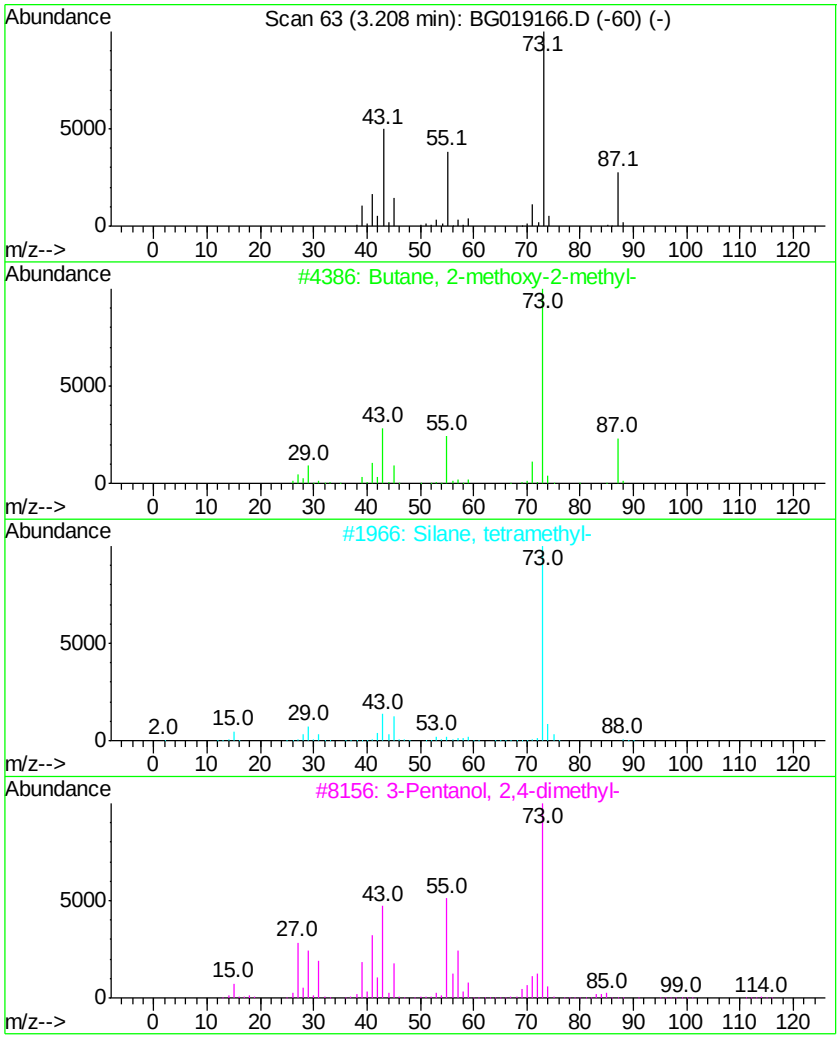
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

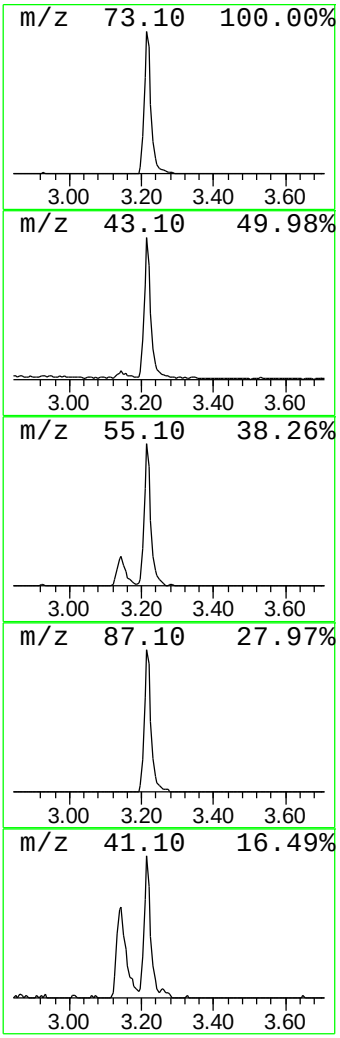
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	36.29 ng	240567	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	83
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5	Propanoic acid, 2-oxo-	88	C3H4O3	000127-17-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-GW

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

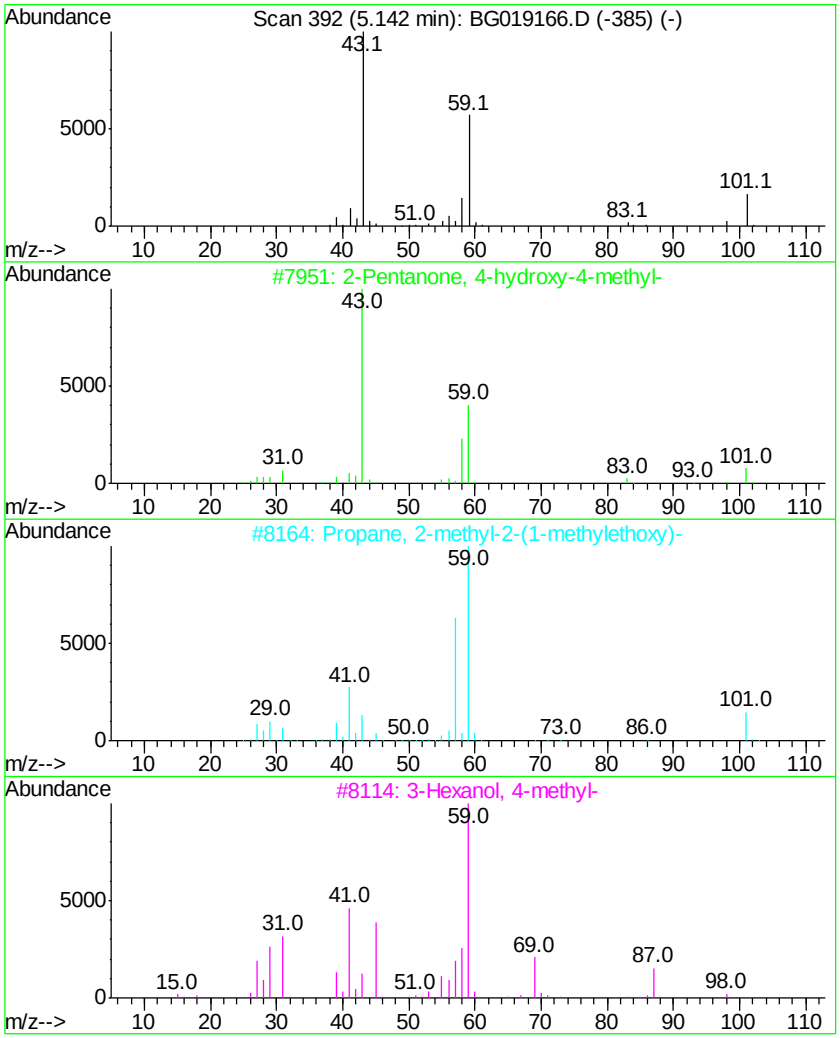
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

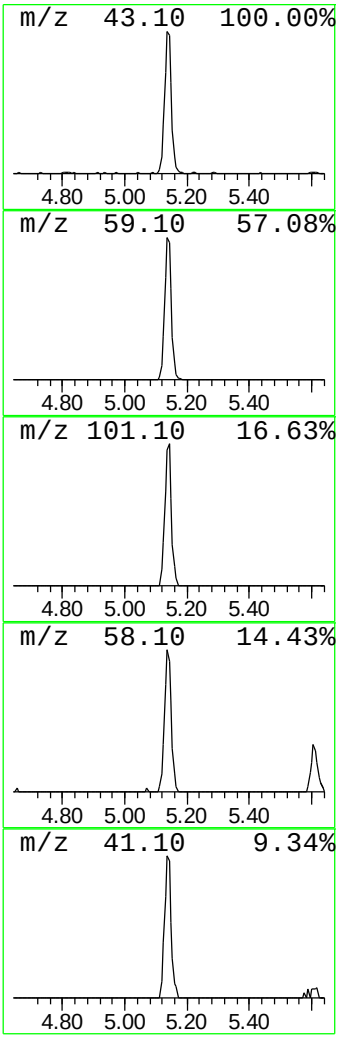
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	23.32 ng	154574	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	72
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-GW

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

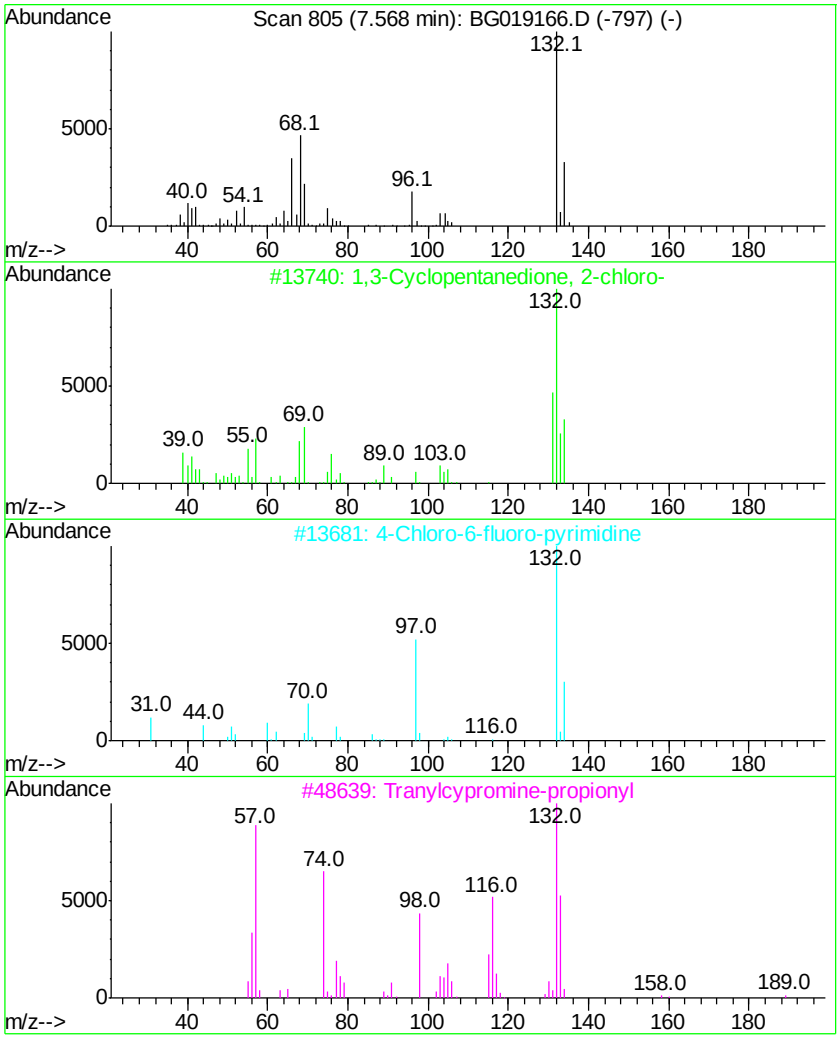
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

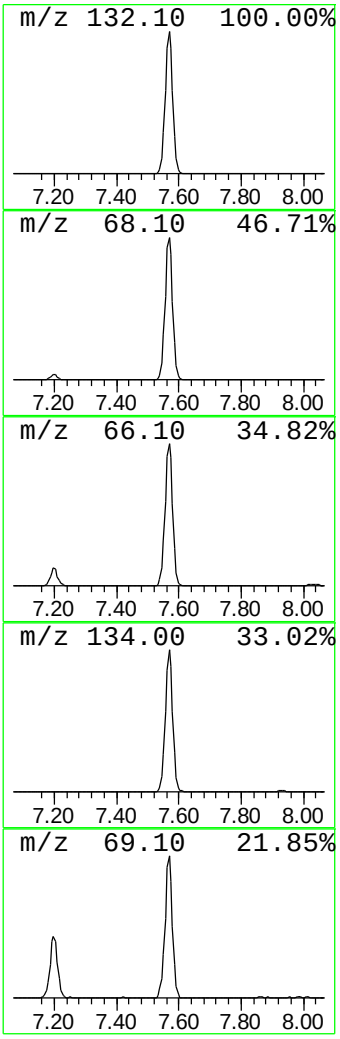
****

Peak Number 4 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	94.71 ng	627847	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-GW

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

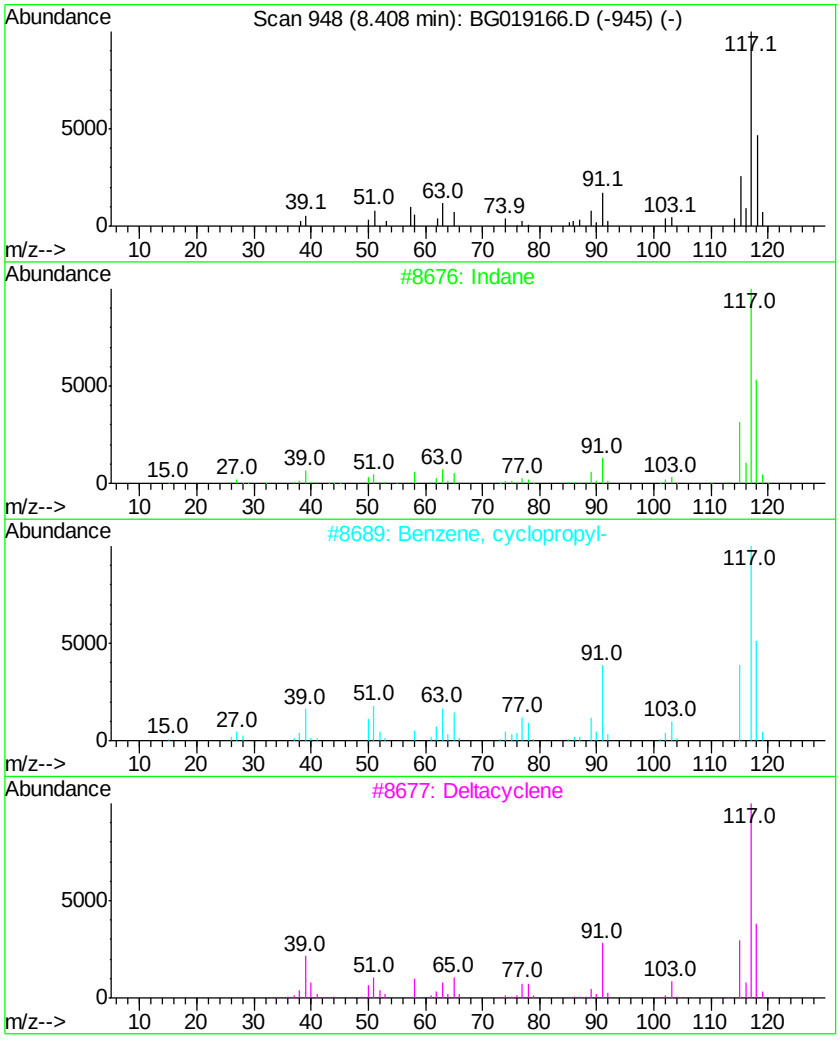
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

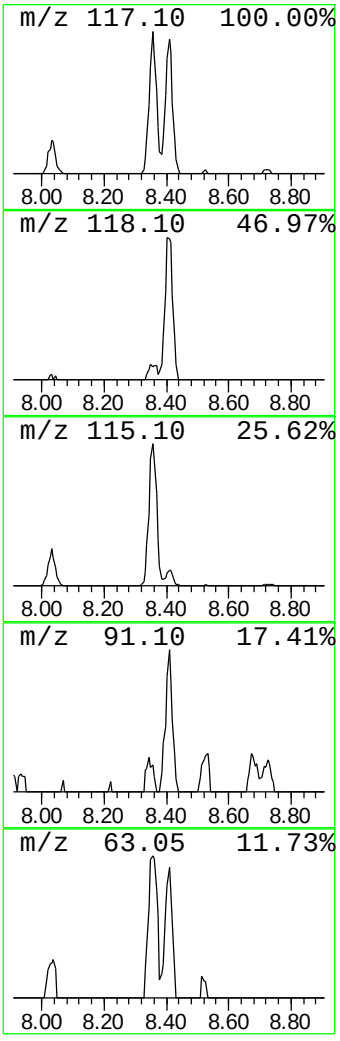
****

Peak Number 6 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	7.75 ng	51394	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, cyclopropyl-	118	C9H10	000873-49-4	81
3	Deltacyclene	118	C9H10	007785-10-6	64
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	60
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-GW

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

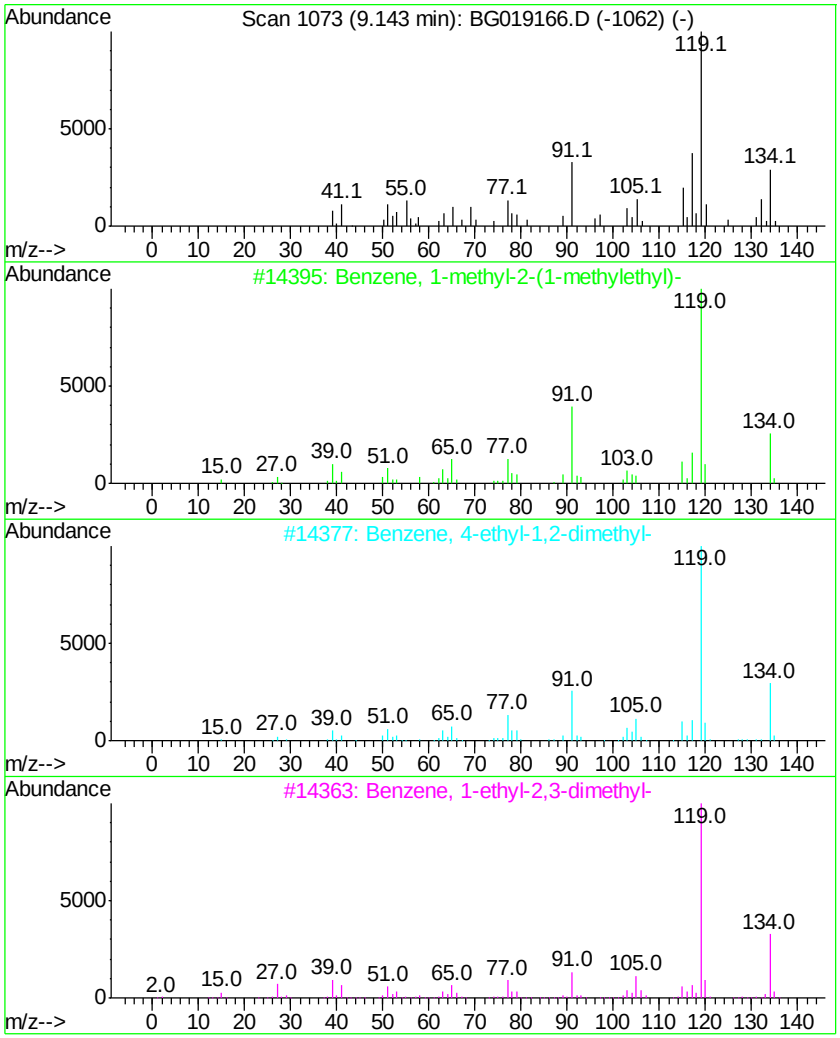
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

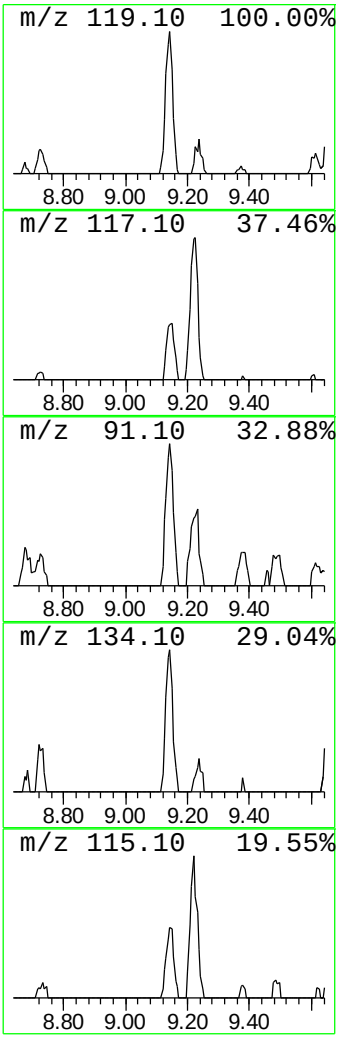
****

Peak Number 7 Benzene, 1-methyl-2-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	7.68 ng	50920	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	76
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	76
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-GW

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

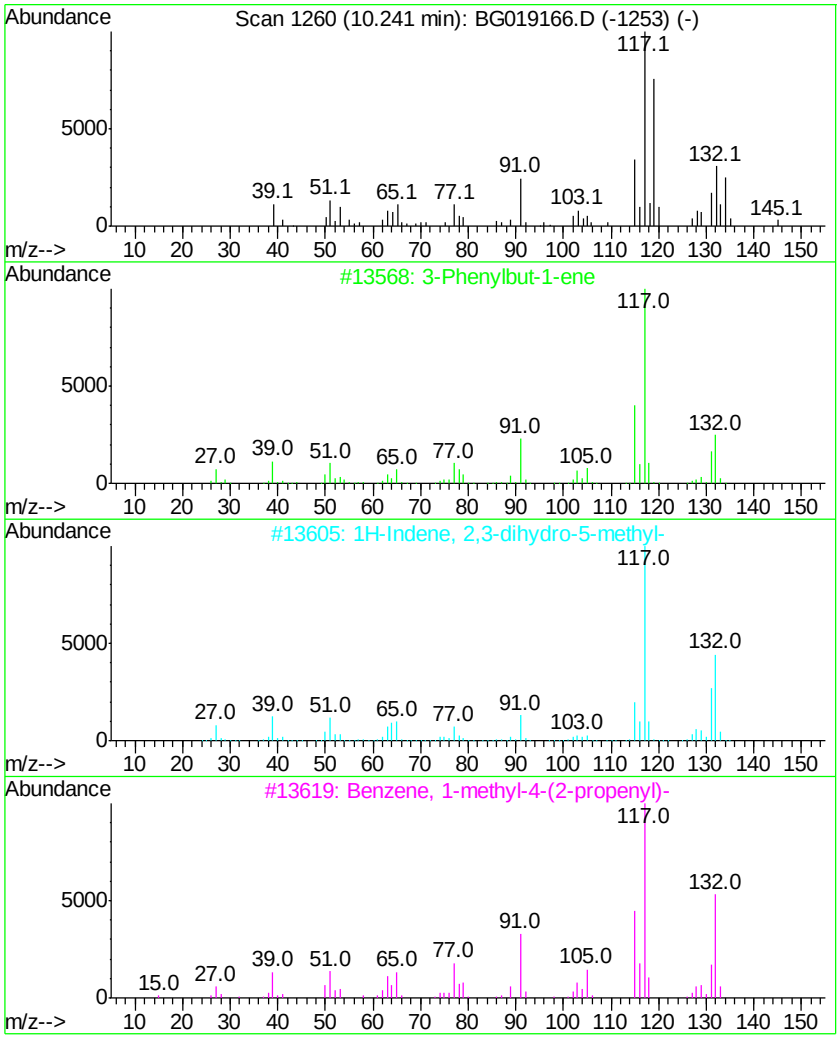
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

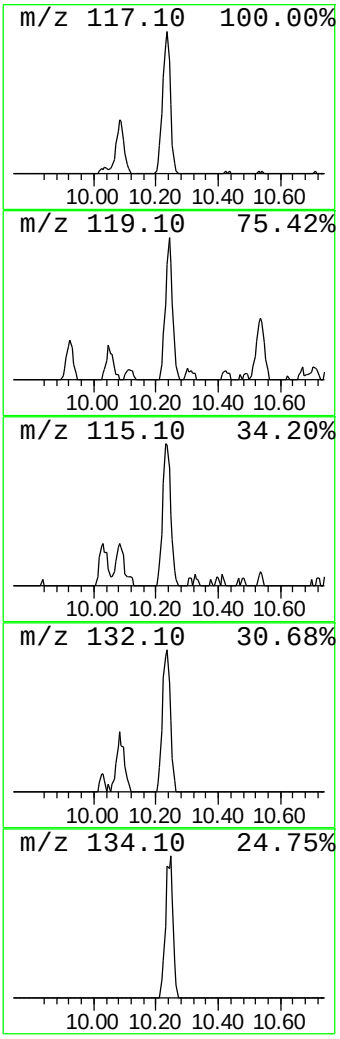
****

Peak Number 8 3-Phenylbut-1-ene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	6.65 ng	87210	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-GW

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

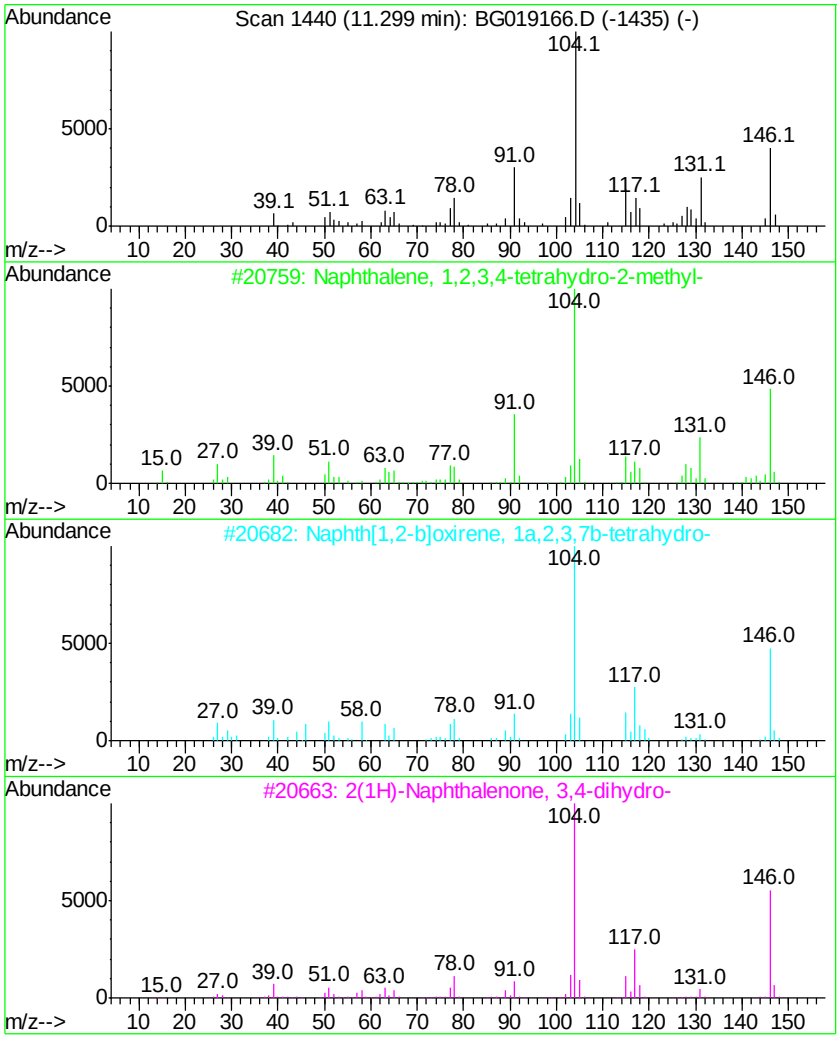
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

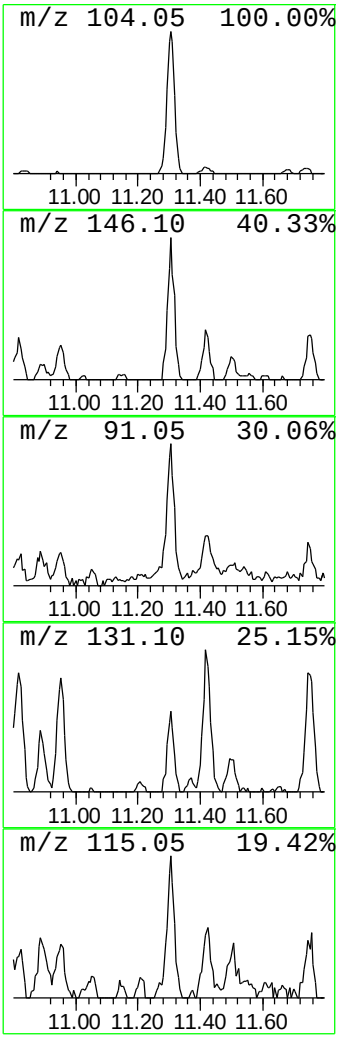
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	10.20 ng	133662	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	97
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	50
5	Benzene, cyclobutyl-	132	C10H12	004392-30-7	30





Library Search Compound Report

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Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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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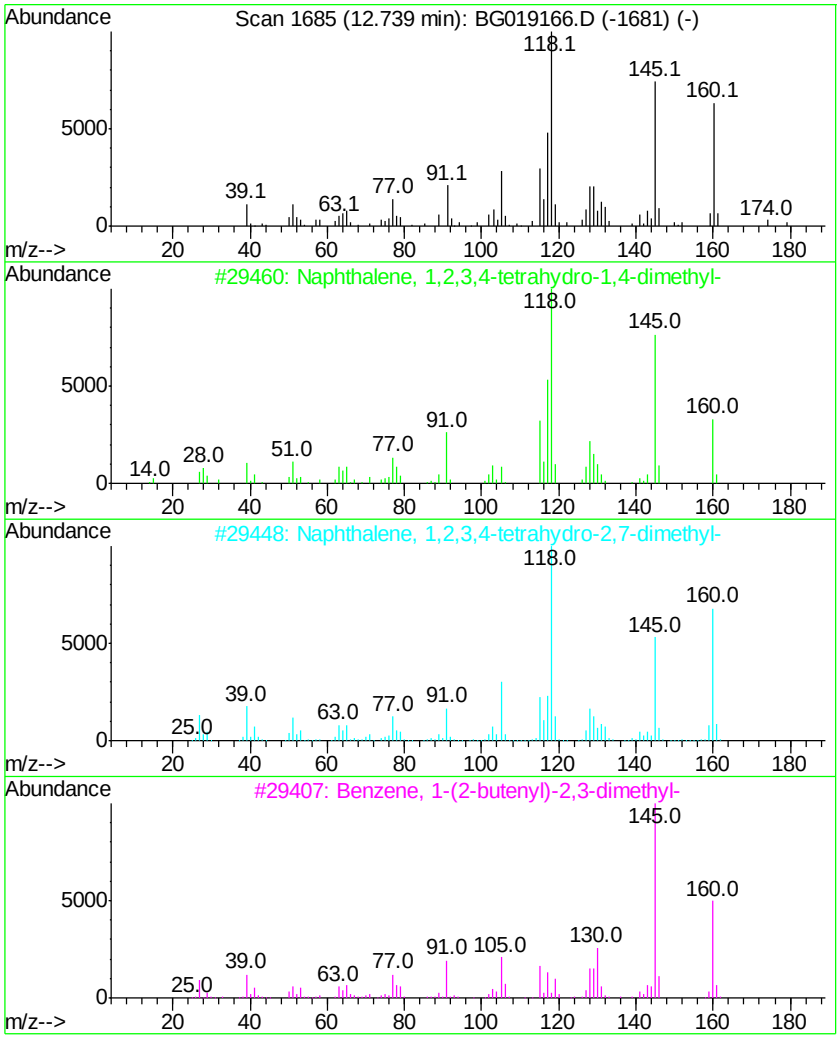
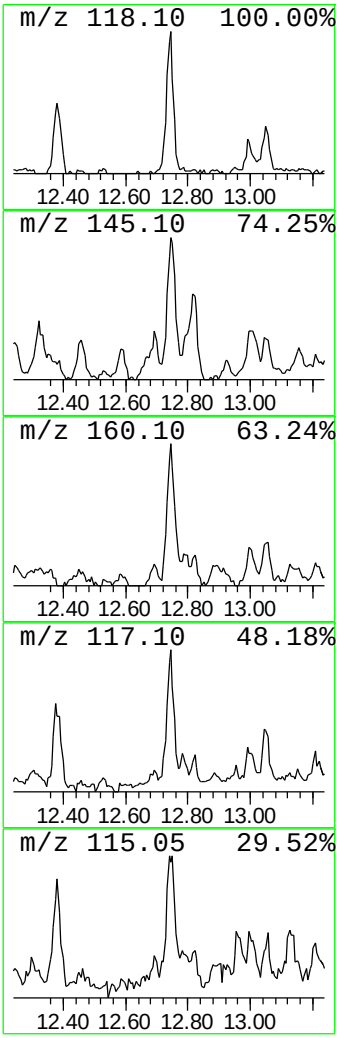
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	7.22 ng	94590	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	92
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	86
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	86
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	68





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Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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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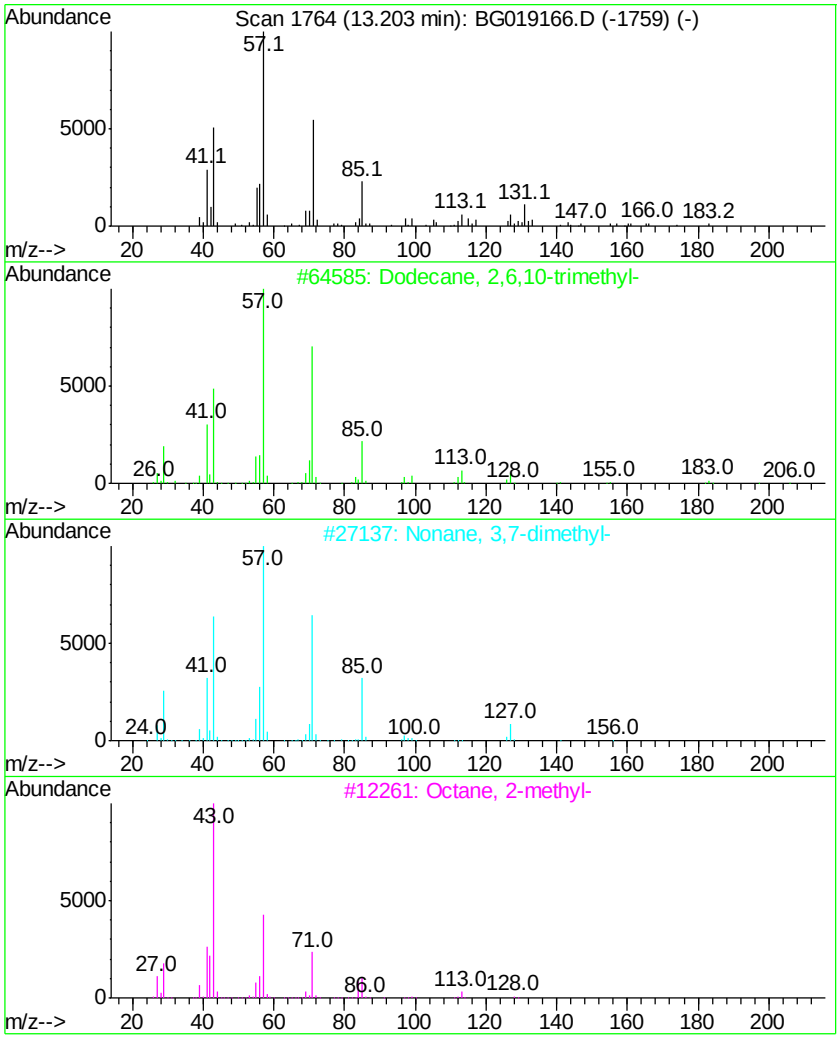
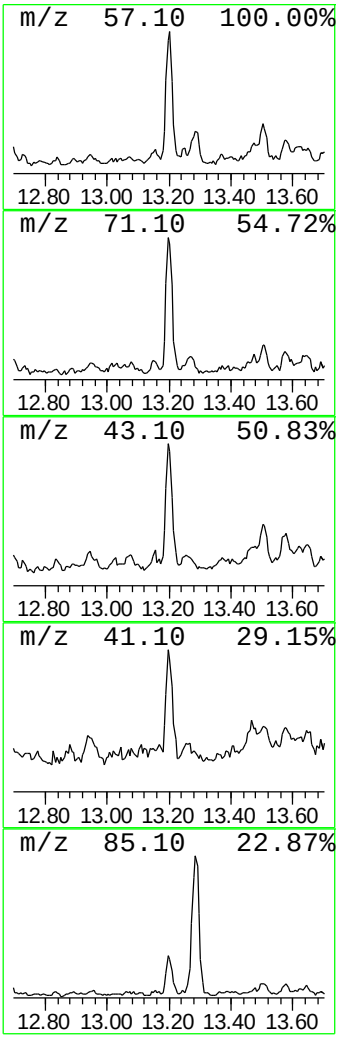
Peak Number 11 Dodecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	6.91 ng	135552	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3	Octane, 2-methyl-	128	C9H20	003221-61-2	72
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	59





Library Search Compound Report

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Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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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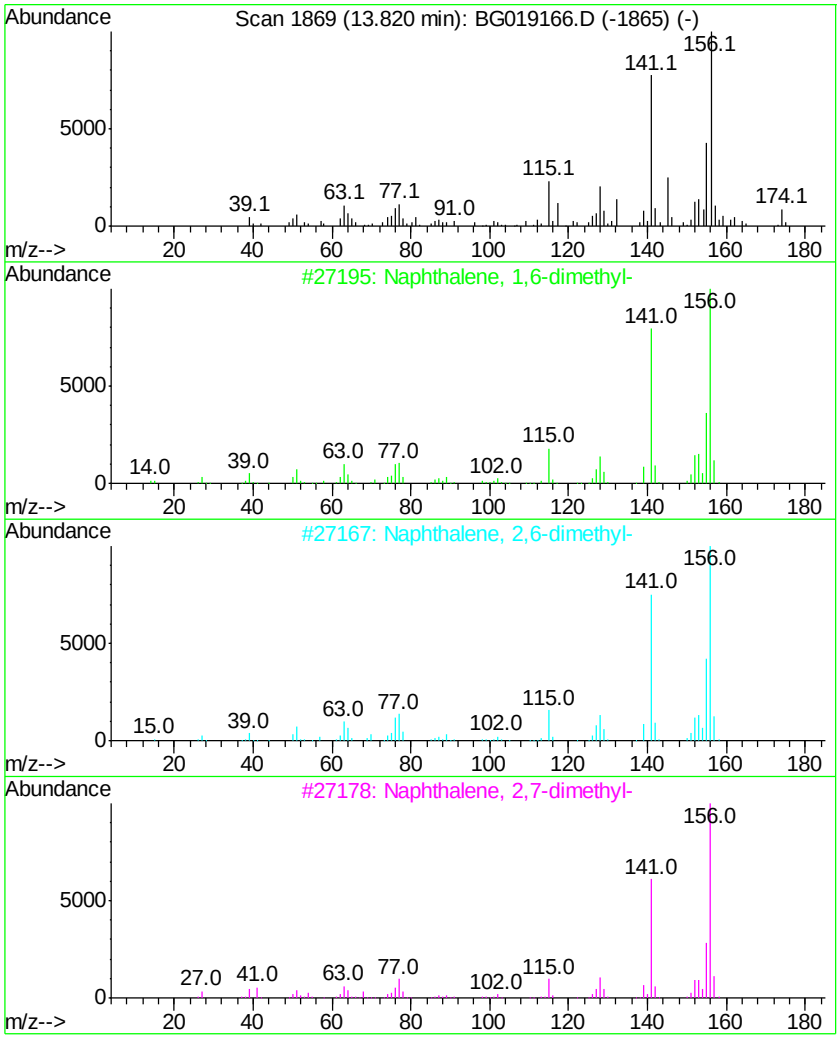
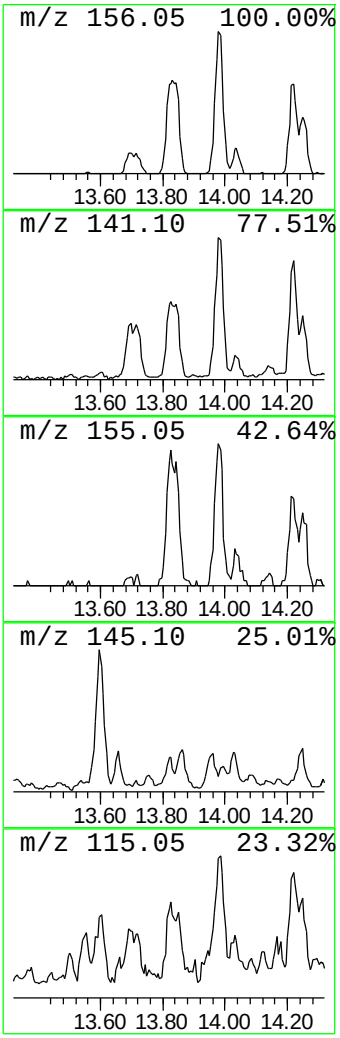
Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	6.83 ng	134002	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91





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Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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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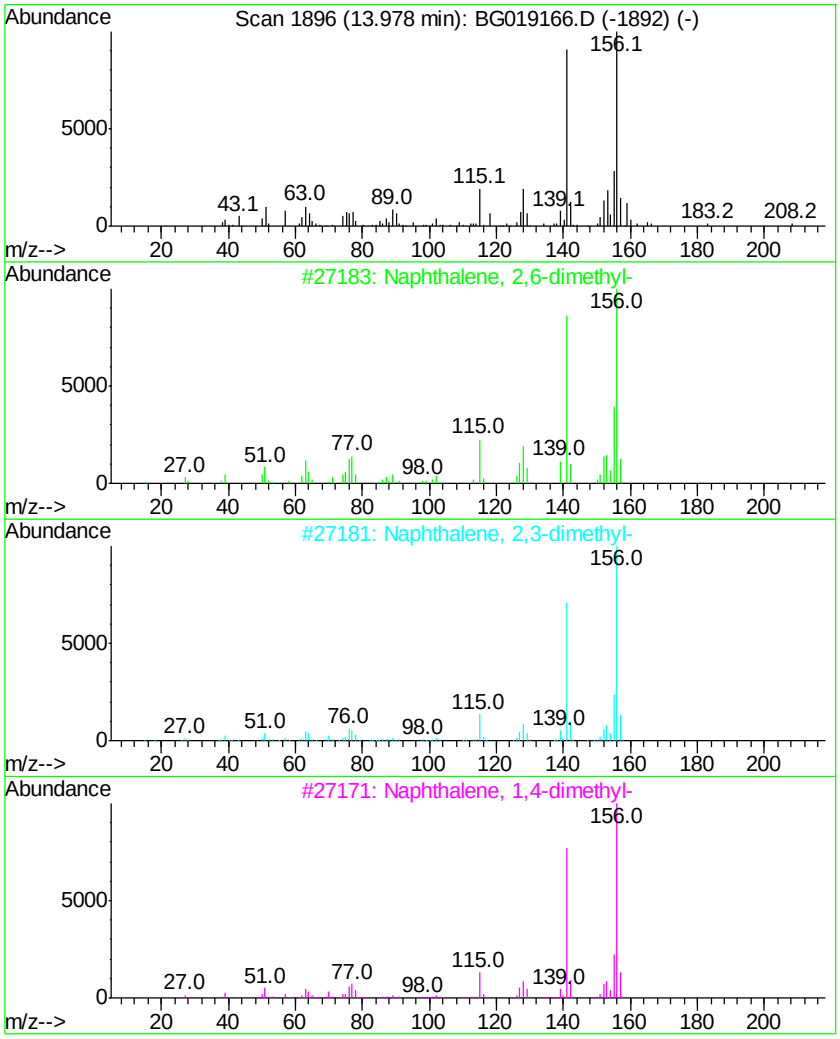
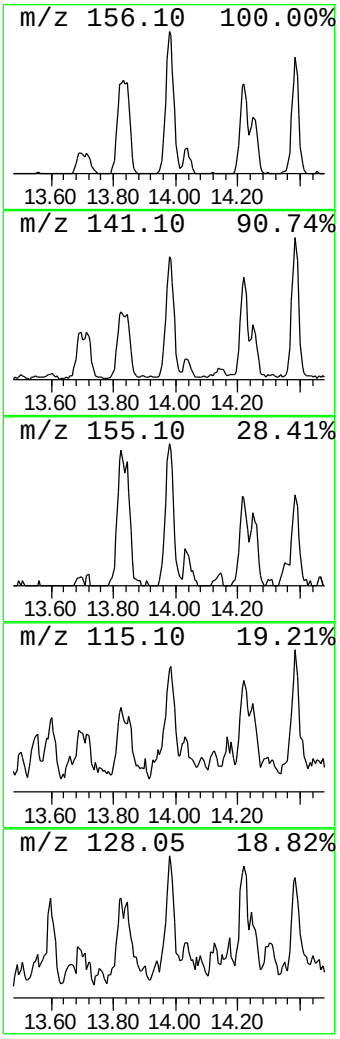
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	6.74 ng	132220	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





Library Search Compound Report

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Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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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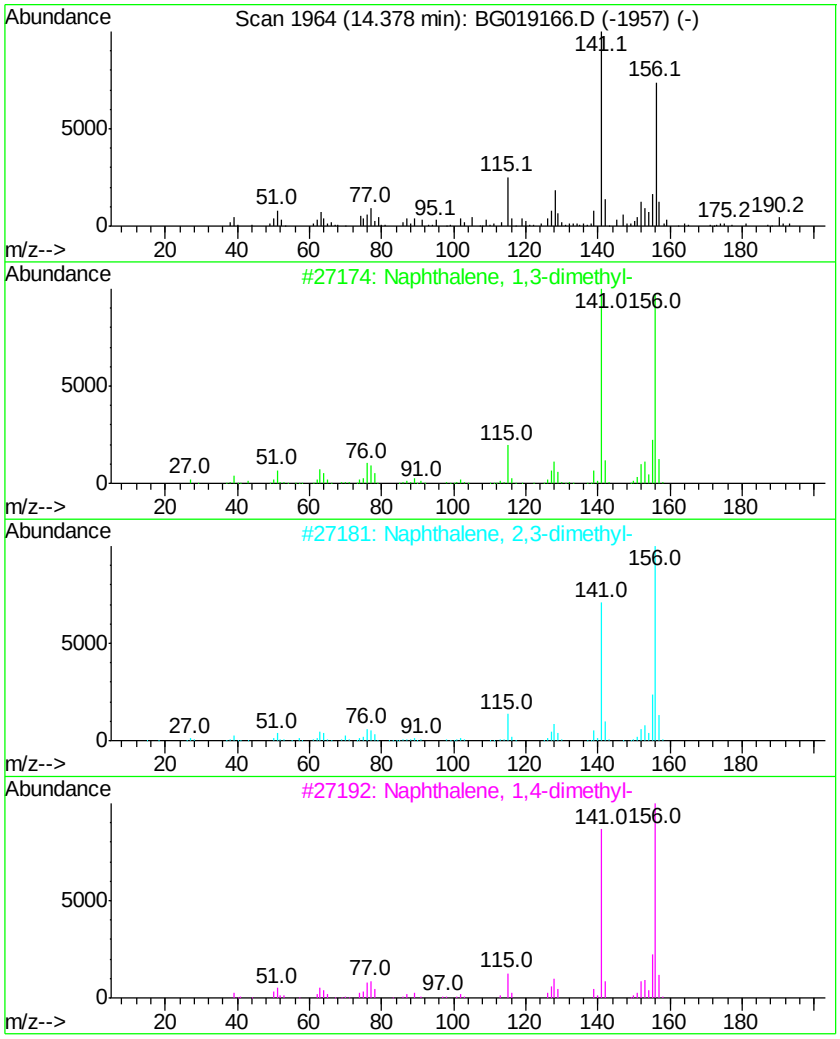
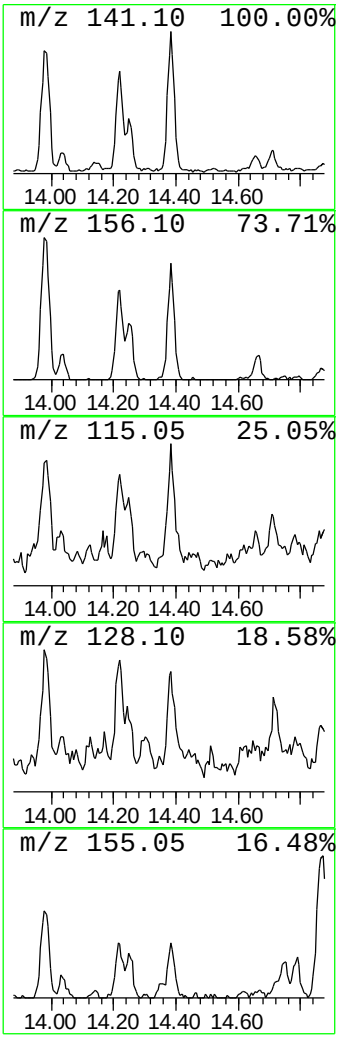
Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	7.59 ng	148879	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90





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Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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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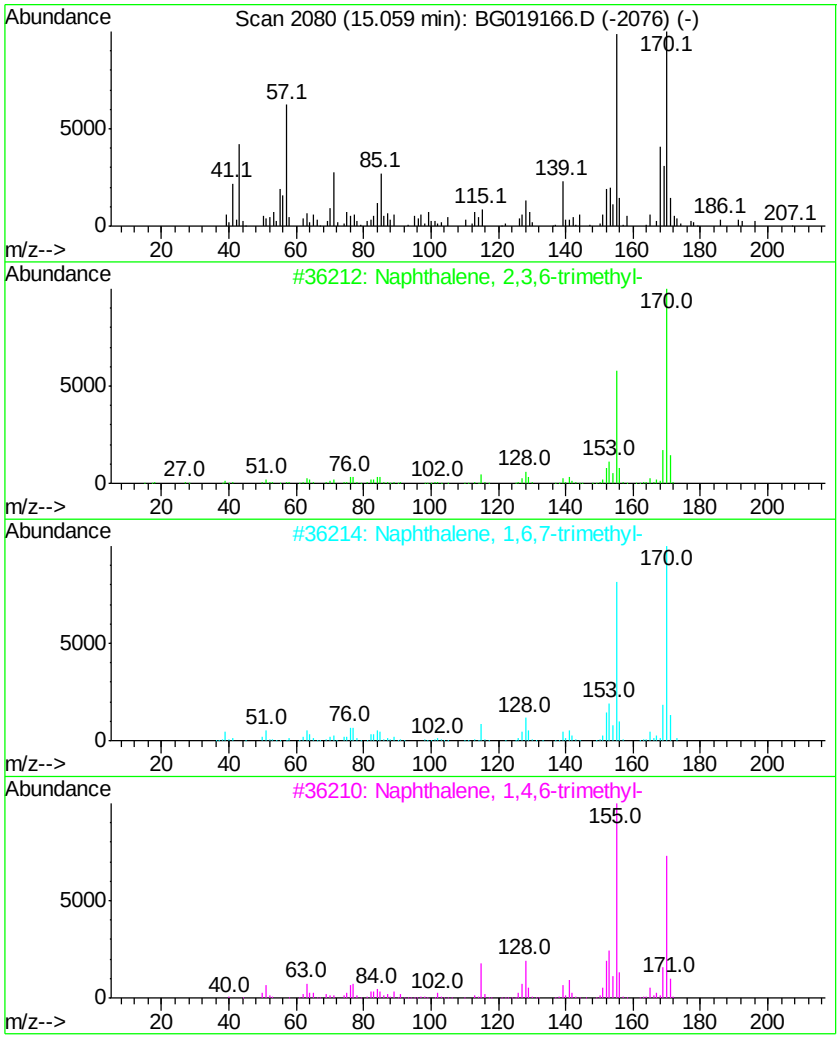
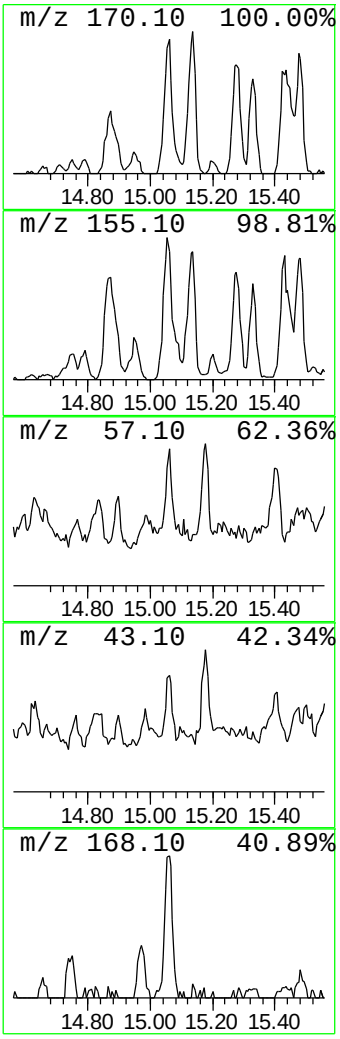
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	5.52 ng	108202	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70





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Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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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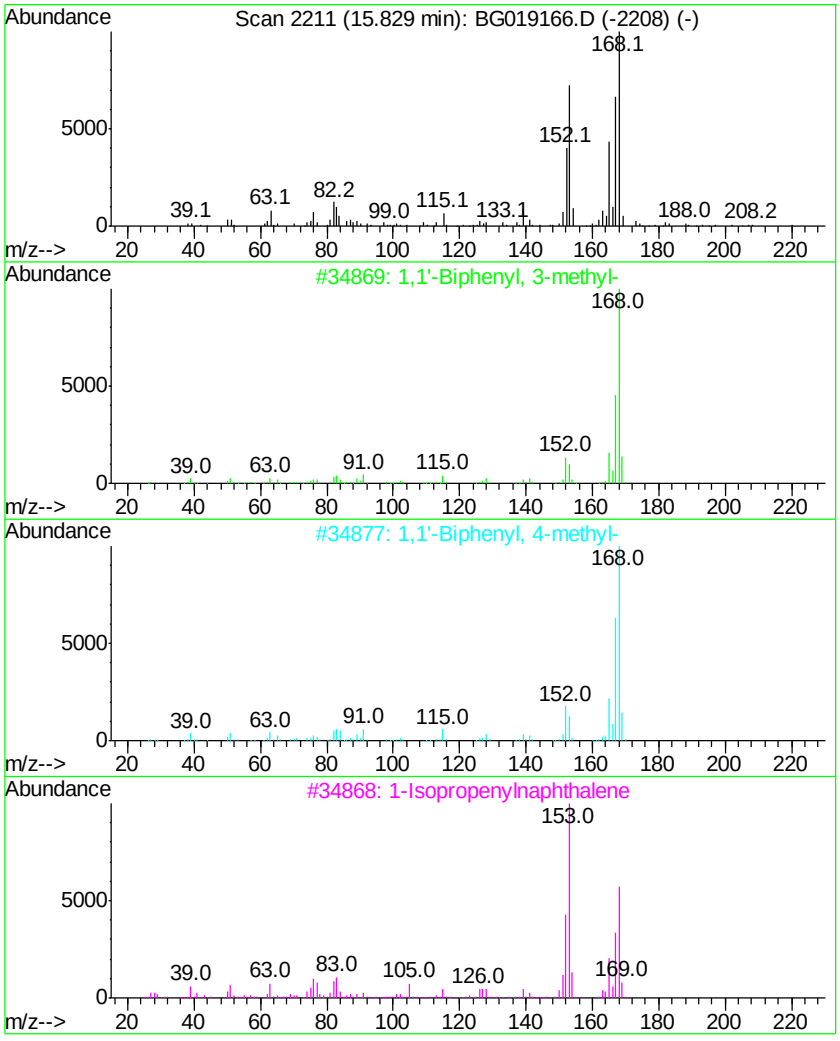
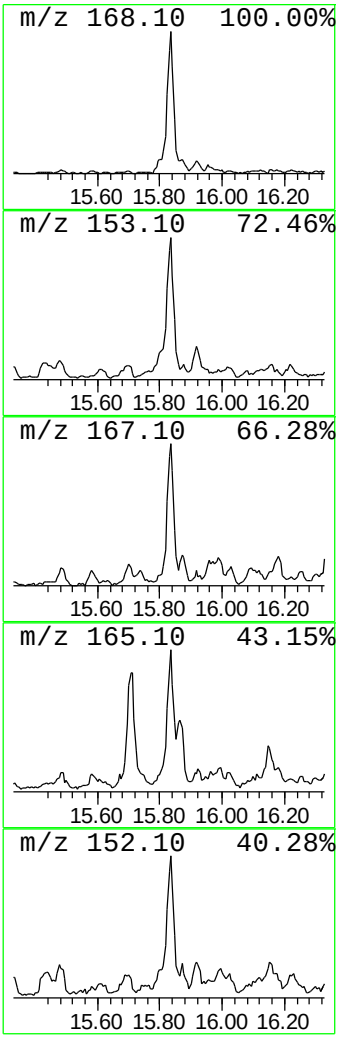
Peak Number 16 1,1'-Biphenyl, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	5.86 ng	114946	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	53
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	53
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	53
4	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	47
5	Diphenylmethane	168	C13H12	000101-81-5	43





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Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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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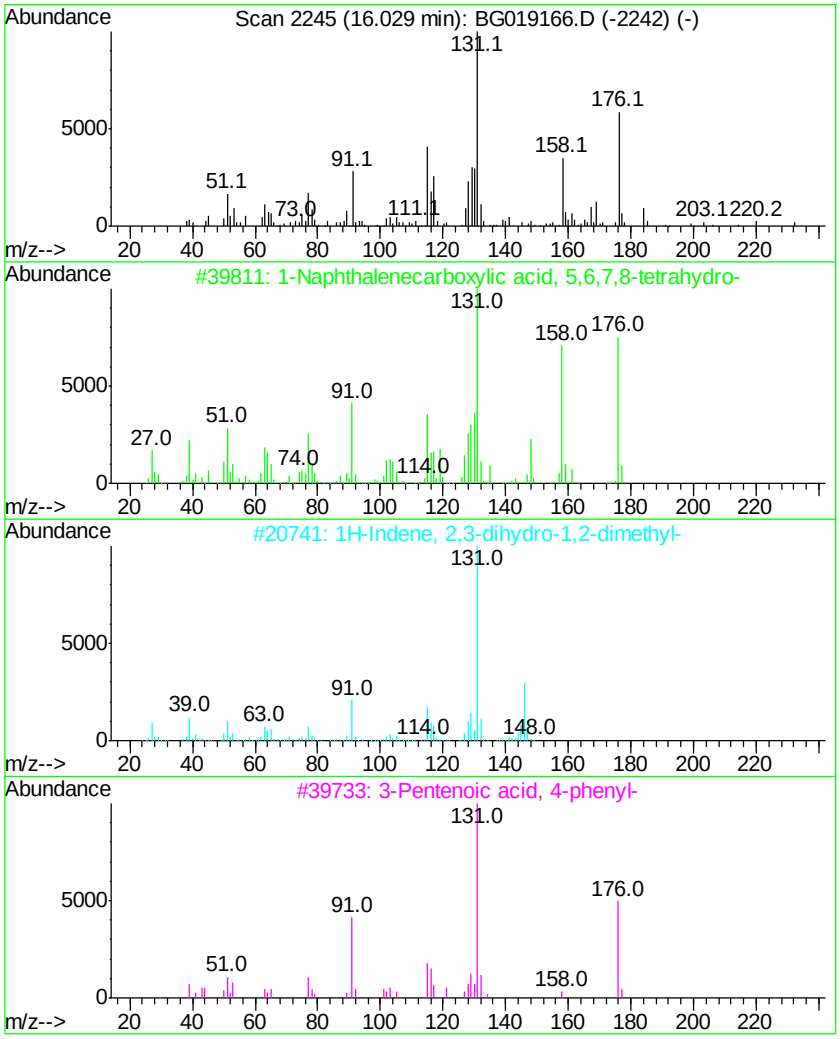
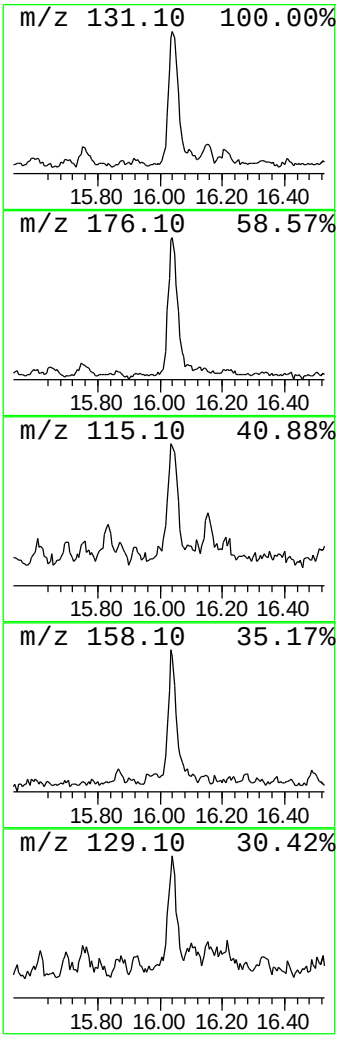
Peak Number 17 1-Naphthalenecarboxylic aci... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	7.71 ng	159824	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	74
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	47
3	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	47
4	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	38
5	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	38





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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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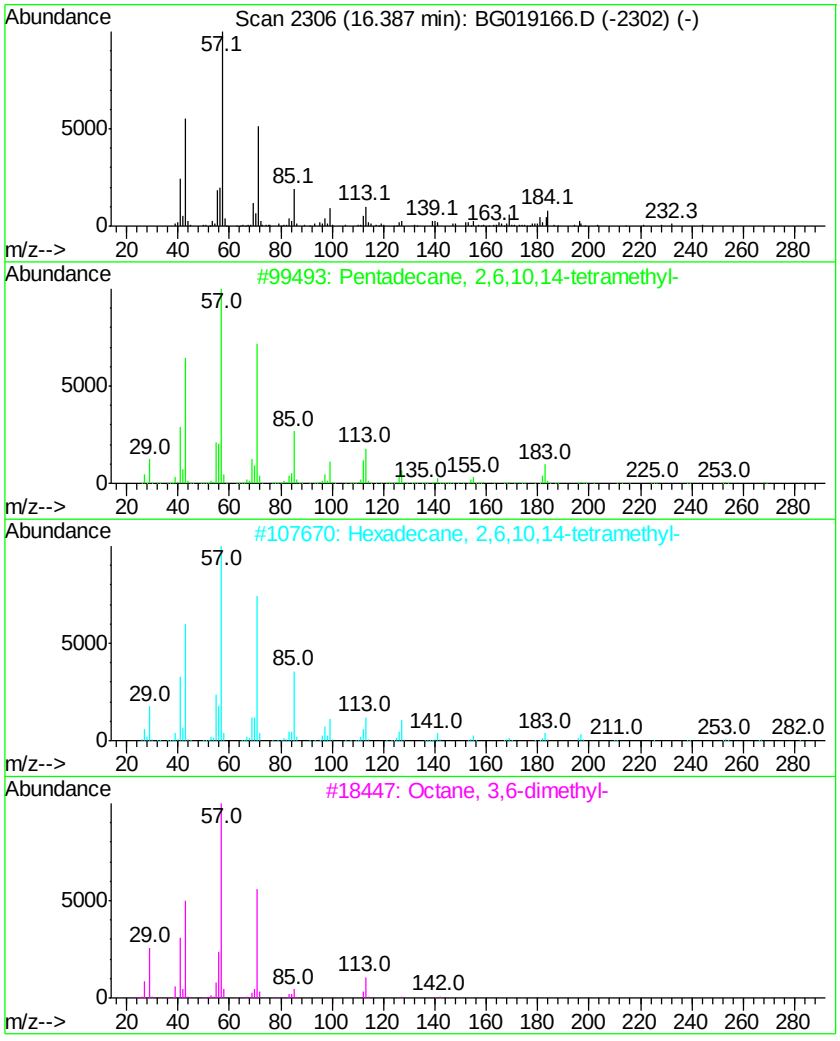
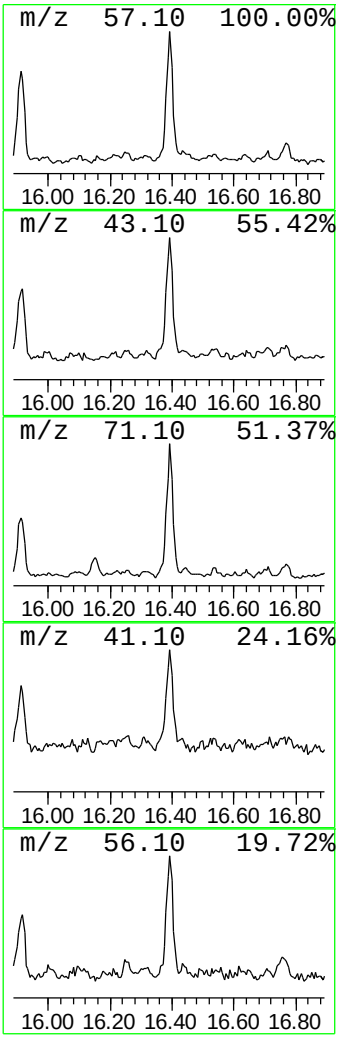
Peak Number 18 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	12.47 ng	258289	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59





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Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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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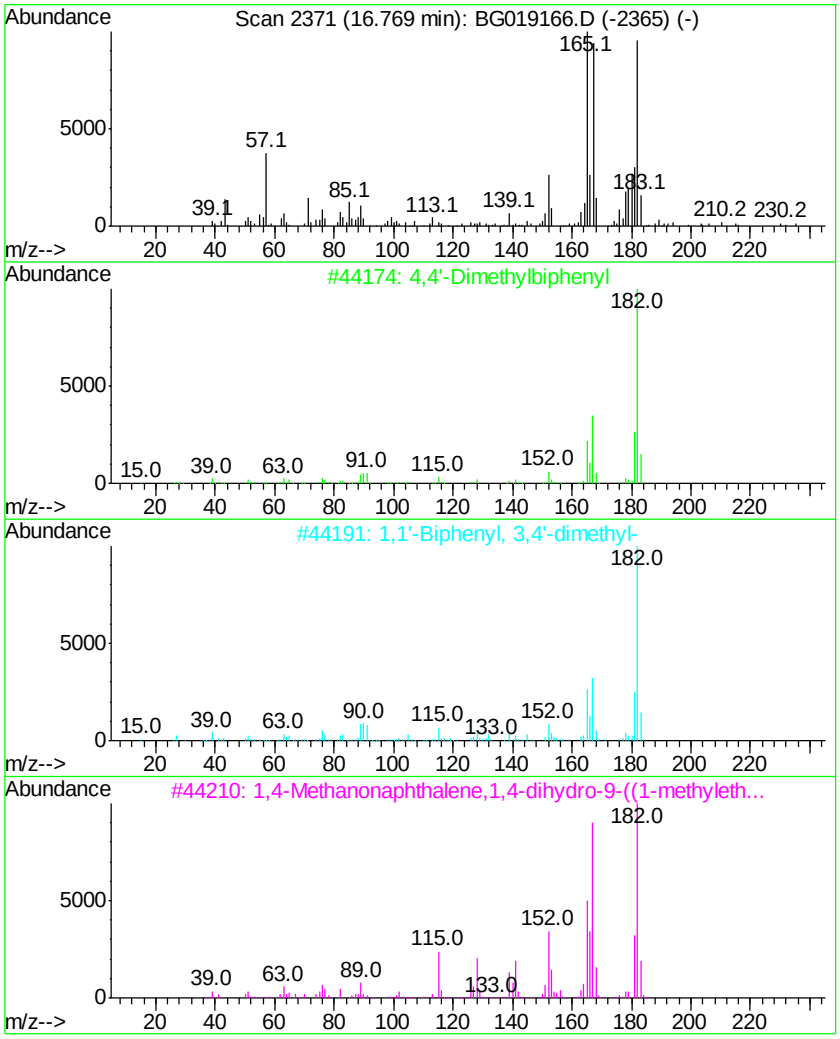
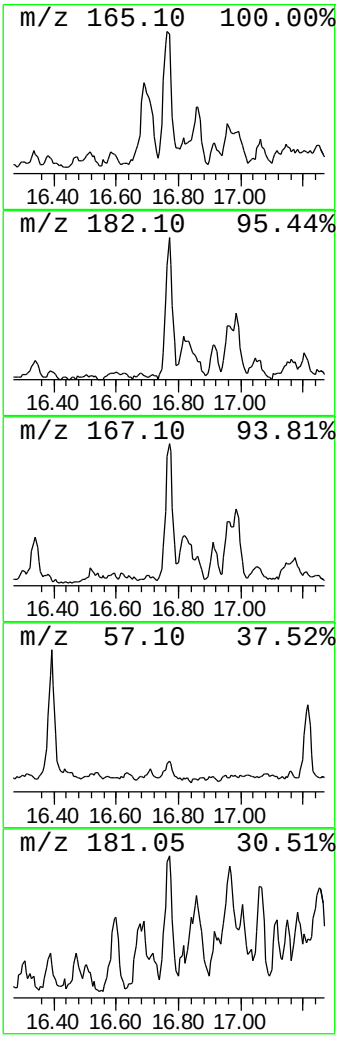
Peak Number 19 4,4'-Dimethylbiphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	7.93 ng	164232	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	89
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	72
3	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	70
4	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	64
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	64





Library Search Compound Report

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Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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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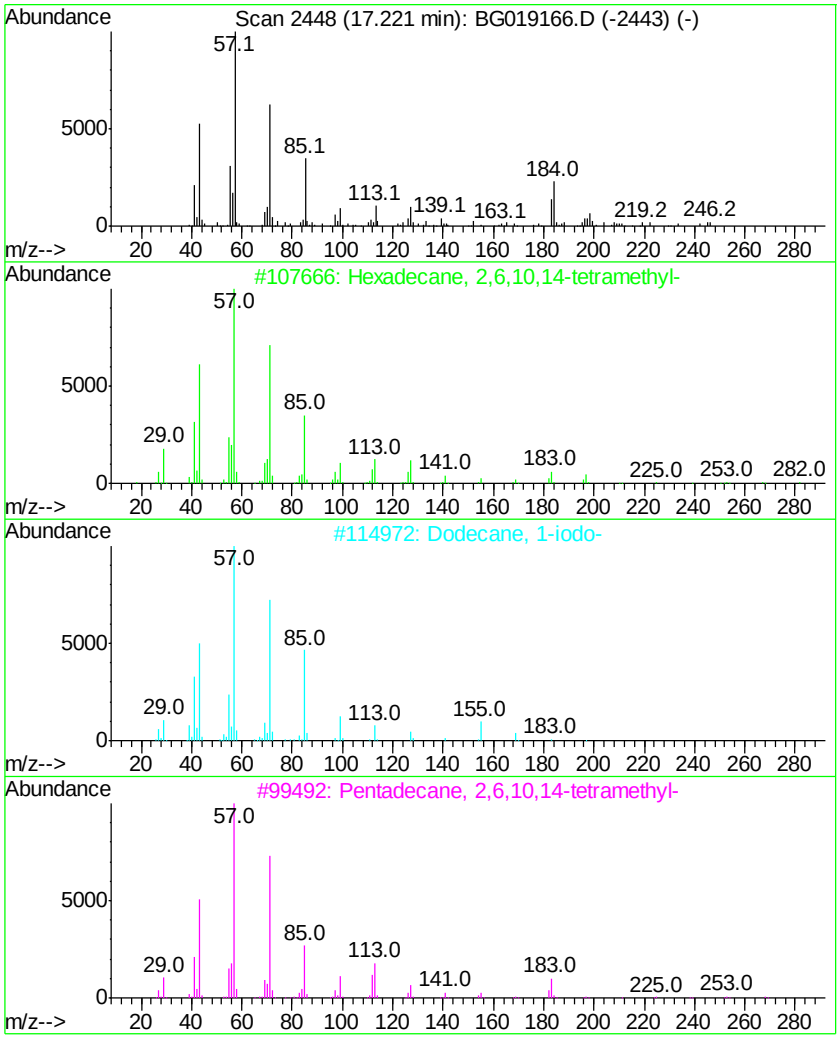
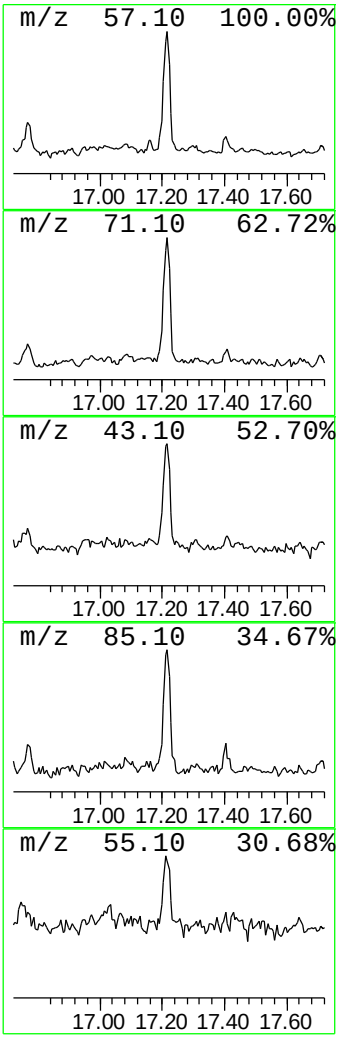
Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	8.58 ng	177700	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5	Tetradecane	198	C14H30	000629-59-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101315\
Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-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	36.3	ng	240567	1	8.03	132579	20.0
2-Pentanone, 4-hy...	5.14	23.3	ng	154574	1	8.03	132579	20.0
unknown7.57	7.57	94.7	ng	627847	1	8.03	132579	20.0
Indane	8.41	7.8	ng	51394	1	8.03	132579	20.0
Benzene, 1-methyl...	9.14	7.7	ng	50920	1	8.03	132579	20.0
3-Phenylbut-1-ene	10.24	6.7	ng	87210	2	10.84	262118	20.0
Naphthalene, 1,2,...	11.30	10.2	ng	133662	2	10.84	262118	20.0
Naphthalene, 1,2,...	12.74	7.2	ng	94590	2	10.84	262118	20.0
Dodecane, 2,6,10-...	13.20	6.9	ng	135552	3	14.66	392108	20.0
Naphthalene, 1,6-...	13.82	6.8	ng	134002	3	14.66	392108	20.0
Naphthalene, 2,6-...	13.98	6.7	ng	132220	3	14.66	392108	20.0
Naphthalene, 1,3-...	14.38	7.6	ng	148879	3	14.66	392108	20.0
Naphthalene, 2,3,...	15.06	5.5	ng	108202	3	14.66	392108	20.0
1,1'-Biphenyl, 3-...	15.83	5.9	ng	114946	3	14.66	392108	20.0
1-Naphthalenecarb...	16.03	7.7	ng	159824	4	17.41	414342	20.0
Pentadecane, 2,6,...	16.39	12.5	ng	258289	4	17.41	414342	20.0
4,4'-Dimethylbiph...	16.77	7.9	ng	164232	4	17.41	414342	20.0
Hexadecane, 2,6,1...	17.22	8.6	ng	177700	4	17.41	414342	20.0