

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
 Data File : BG019162.D
 Acq On : 12 Oct 2015 14:56
 Operator : UM/NP
 Sample : G3989-05
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C7-GW

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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	3.143	46	52	60	rBV	49825	81382	5.01%	0.682%
2	3.219	60	65	76	rVB	182511	257831	15.88%	2.160%
3	5.140	384	392	401	rBV	72446	107563	6.63%	0.901%
4	5.610	465	472	483	rVB	183583	286203	17.63%	2.398%
5	7.197	735	742	750	rVB	126633	211469	13.03%	1.772%
6	7.567	797	805	813	rBV	346220	573737	35.35%	4.807%
7	8.031	874	884	892	rBV	76731	126200	7.77%	1.057%
8	8.360	932	940	946	rBV	298264	522162	32.17%	4.375%
9	9.141	1067	1073	1076	rBV2	17653	29492	1.82%	0.247%
10	9.194	1076	1082	1093	rVB	297623	543524	33.48%	4.553%
11	9.494	1123	1133	1138	rVB2	10619	19784	1.22%	0.166%
12	9.664	1158	1162	1167	rVB	21133	33889	2.09%	0.284%
13	10.034	1218	1225	1232	rBV6	6740	17478	1.08%	0.146%
14	10.234	1253	1259	1267	rVB2	36827	63574	3.92%	0.533%
15	10.839	1352	1362	1367	rBV	116660	217063	13.37%	1.818%
16	10.886	1367	1370	1377	rVV6	13457	28450	1.75%	0.238%
17	10.951	1377	1381	1388	rVB4	9844	17078	1.05%	0.143%
18	11.210	1420	1425	1431	rBV5	8514	16658	1.03%	0.140%
19	11.304	1431	1441	1447	rVB	29551	57882	3.57%	0.485%
20	11.415	1452	1460	1465	rVV5	13795	26257	1.62%	0.220%
21	11.568	1476	1486	1493	rVB10	9024	23887	1.47%	0.200%
22	11.744	1511	1516	1523	rVB3	10089	21326	1.31%	0.179%
23	11.944	1539	1550	1557	rBV3	26956	56065	3.45%	0.470%
24	12.161	1577	1587	1593	rBV2	40664	76110	4.69%	0.638%
25	12.379	1618	1624	1629	rVB5	21457	40223	2.48%	0.337%
26	12.743	1681	1686	1691	rVV4	31774	62695	3.86%	0.525%
27	12.778	1691	1692	1697	rVB5	17199	21910	1.35%	0.184%
28	13.054	1734	1739	1745	rVB4	15893	28148	1.73%	0.236%
29	13.131	1746	1752	1759	rBV4	19032	35973	2.22%	0.301%
30	13.289	1769	1779	1784	rBV	775041	1243775	76.62%	10.420%
31	13.501	1811	1815	1820	rBV	14705	21070	1.30%	0.177%
32	13.595	1827	1831	1836	rVV	24736	37064	2.28%	0.311%
33	13.665	1839	1843	1848	rVV3	23531	39342	2.42%	0.330%
34	13.718	1848	1852	1857	rVB2	25440	39042	2.41%	0.327%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	13.830	1866	1871	1872	rBV5	16134	24025	1.48%	0.201%
36	13.989	1891	1898	1906	rBV3	50347	106434	6.56%	0.892%
37	14.059	1906	1910	1914	rVV2	27521	41298	2.54%	0.346%
38	14.112	1916	1919	1922	rVB	15423	19479	1.20%	0.163%
39	14.218	1932	1937	1940	rBV2	60505	98894	6.09%	0.829%
40	14.247	1940	1942	1948	rVB	73725	101712	6.27%	0.852%
41	14.382	1959	1965	1973	rBV	123104	201710	12.43%	1.690%
42	14.664	2002	2013	2018	rBV2	197442	349186	21.51%	2.925%
43	14.723	2018	2023	2031	rVB2	60159	109516	6.75%	0.917%
44	14.811	2031	2038	2042	rBV5	12987	28829	1.78%	0.242%
45	14.876	2045	2049	2054	rVB6	12693	20911	1.29%	0.175%
46	14.964	2056	2064	2069	rBV3	12748	30215	1.86%	0.253%
47	15.058	2073	2080	2082	rBV6	15801	32582	2.01%	0.273%
48	15.128	2087	2092	2096	rBV3	24640	41955	2.58%	0.351%
49	15.199	2098	2104	2108	rVB8	10557	22299	1.37%	0.187%
50	15.252	2108	2113	2114	rBV2	35565	49926	3.08%	0.418%
51	15.269	2114	2116	2123	rVB3	29091	42938	2.65%	0.360%
52	15.428	2138	2143	2148	rVV	38332	76118	4.69%	0.638%
53	15.481	2148	2152	2160	rVB5	62121	113370	6.98%	0.950%
54	15.610	2170	2174	2179	rVB4	24460	36844	2.27%	0.309%
55	15.698	2184	2189	2195	rVB3	63929	105390	6.49%	0.883%
56	15.834	2204	2212	2216	rBV	125059	203801	12.56%	1.707%
57	15.916	2222	2226	2230	rBV4	30732	47431	2.92%	0.397%
58	16.039	2241	2247	2254	rVB	102783	198870	12.25%	1.666%
59	16.098	2254	2257	2259	rBV3	14264	17107	1.05%	0.143%
60	16.151	2259	2266	2276	rVV2	739868	1182353	72.84%	9.905%
61	16.515	2318	2328	2333	rBV8	18940	59578	3.67%	0.499%
62	16.709	2350	2361	2365	rBV5	29522	95796	5.90%	0.803%
63	16.762	2366	2370	2375	rBV3	43974	71998	4.44%	0.603%
64	16.862	2384	2387	2391	rVB2	18462	19401	1.20%	0.163%
65	17.056	2416	2420	2424	rBV7	20605	37363	2.30%	0.313%
66	17.161	2435	2438	2443	rVB7	12080	16743	1.03%	0.140%
67	17.408	2474	2480	2485	rBV	253976	394380	24.30%	3.304%
68	17.608	2509	2514	2519	rBV8	13244	21112	1.30%	0.177%
69	18.301	2628	2632	2641	rVB4	41378	63495	3.91%	0.532%
70	18.724	2699	2704	2711	rVB3	30984	59969	3.69%	0.502%
71	19.030	2752	2756	2758	rBV3	14271	19339	1.19%	0.162%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.183	2775	2782	2789	rBV3	19575	58298	3.59%	0.488%
73	19.341	2805	2809	2814	rVB5	14015	21607	1.33%	0.181%
74	19.570	2845	2848	2851	rBV4	12793	18739	1.15%	0.157%
75	20.023	2919	2925	2936	rVB	1253461	1623243	100.00%	13.599%
76	21.327	3143	3147	3154	rVB5	20223	31466	1.94%	0.264%
77	21.574	3184	3189	3194	rVB	66759	89070	5.49%	0.746%
78	21.680	3200	3207	3214	rBV	292540	460515	28.37%	3.858%
79	24.000	3597	3602	3608	rVB2	19868	39910	2.46%	0.334%
80	24.905	3746	3756	3770	rVB	160656	446961	27.54%	3.744%

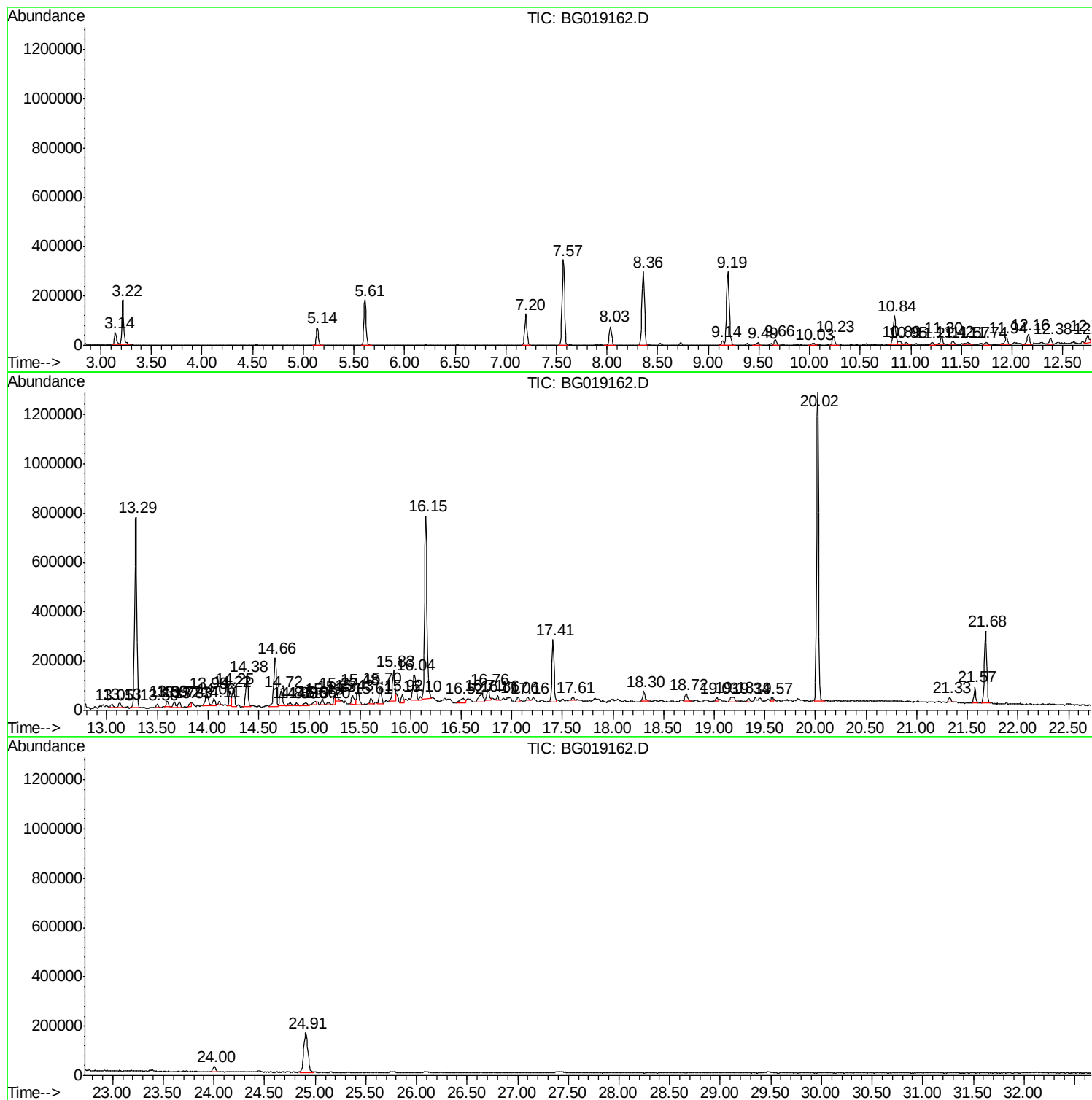
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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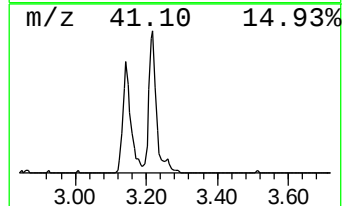
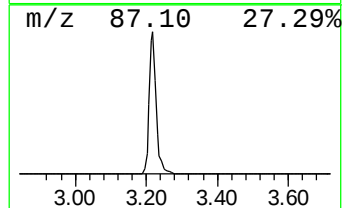
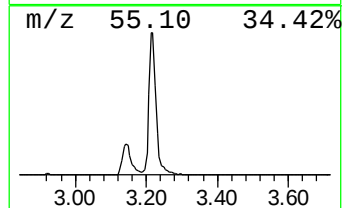
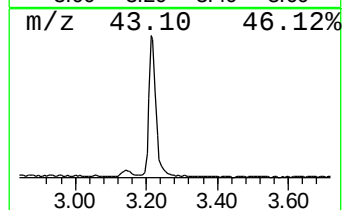
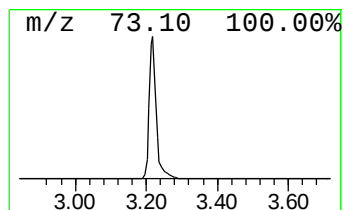
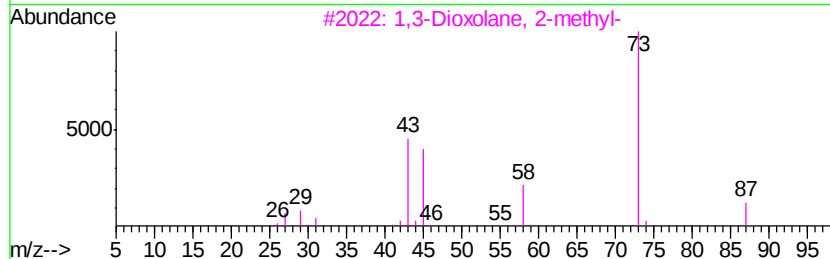
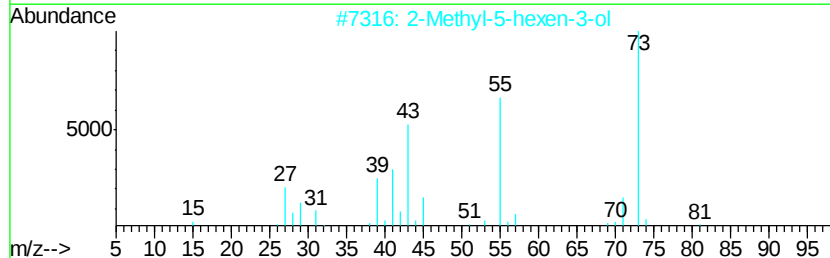
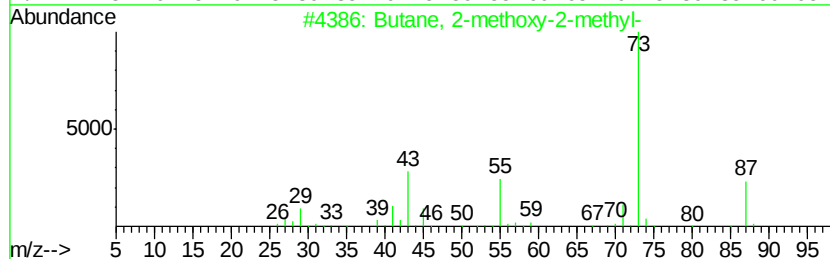
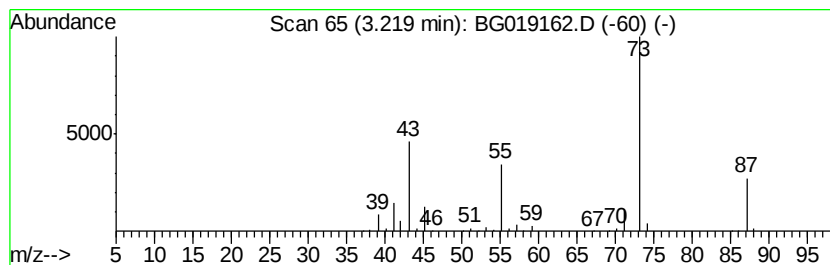
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
3.22	40.86 ng	257831	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9



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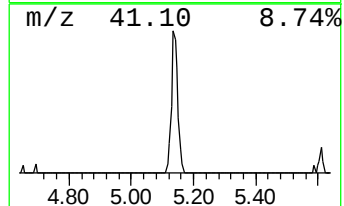
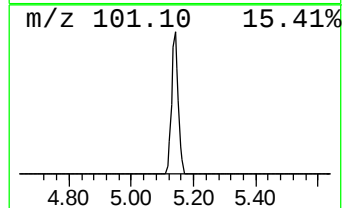
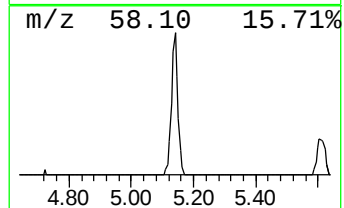
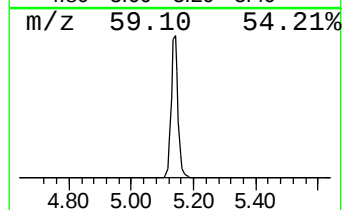
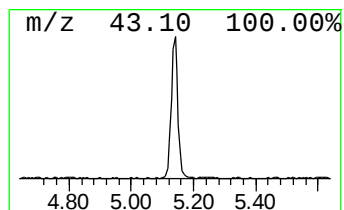
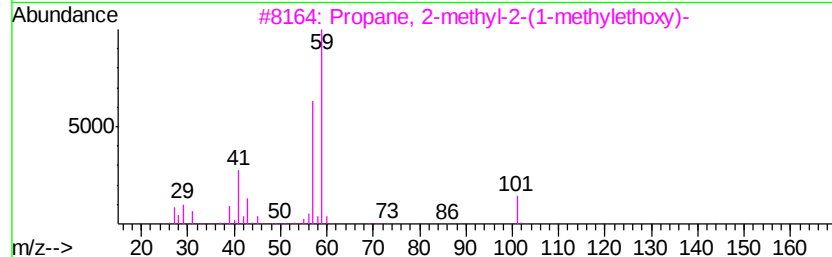
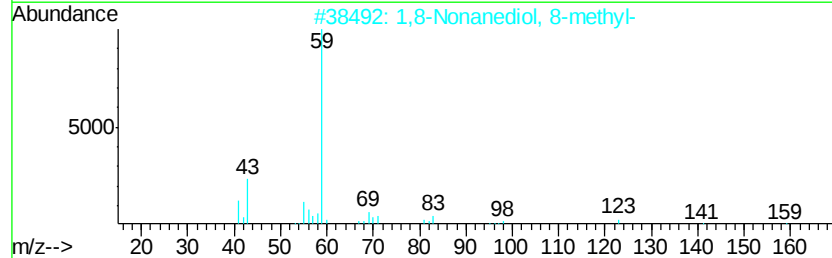
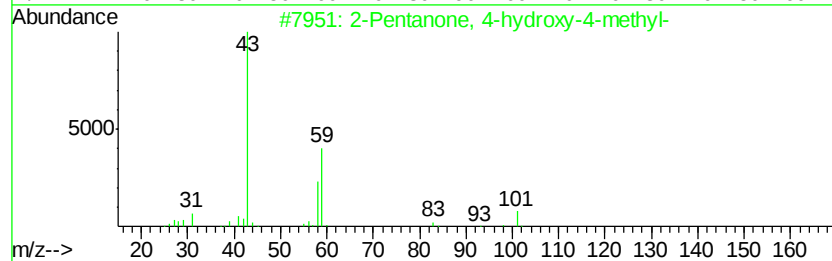
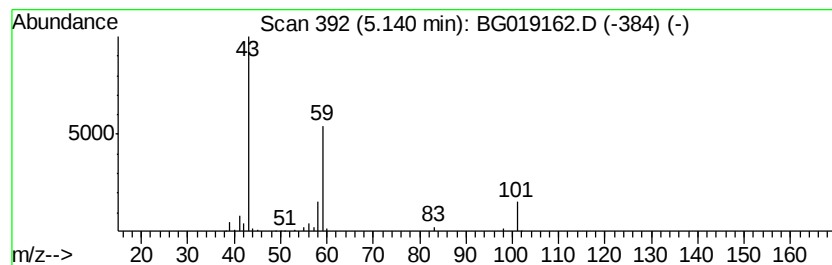
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	17.05 ng	107563	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	50		
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	37		
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36		
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33		
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		



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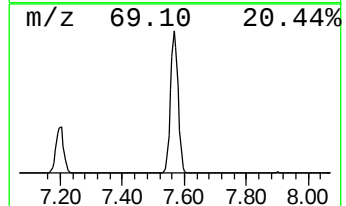
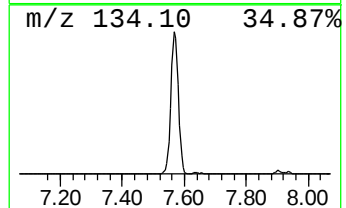
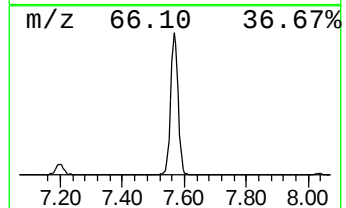
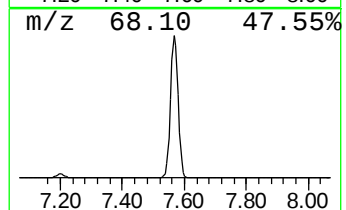
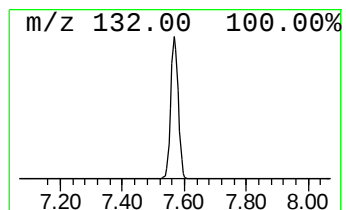
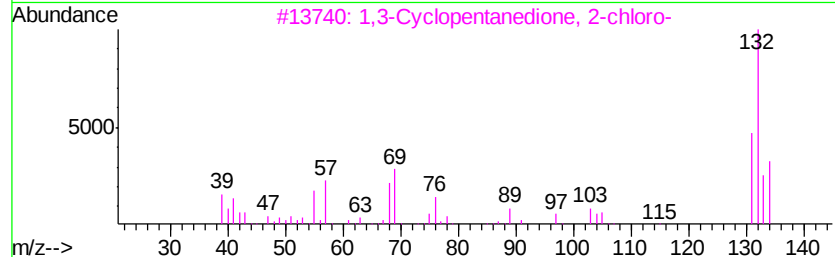
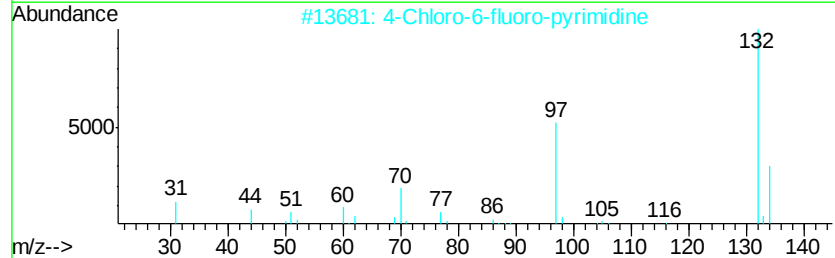
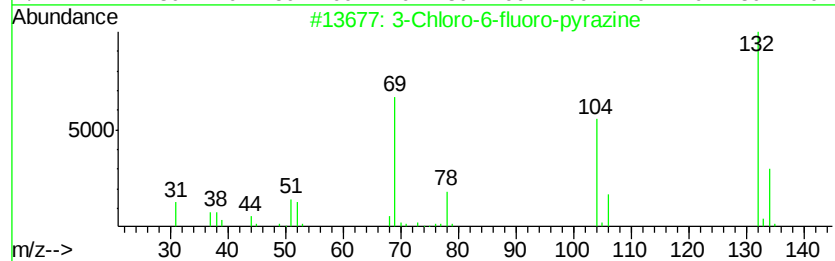
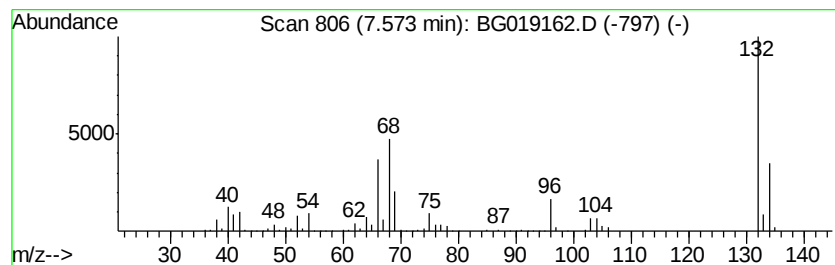
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	90.93 ng	573737	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22



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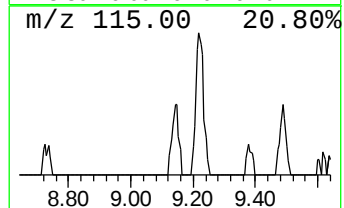
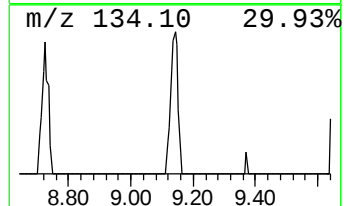
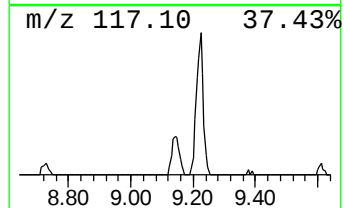
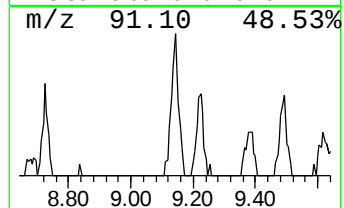
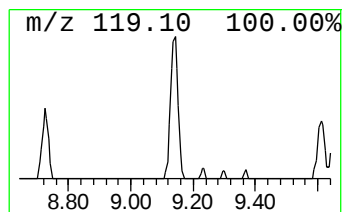
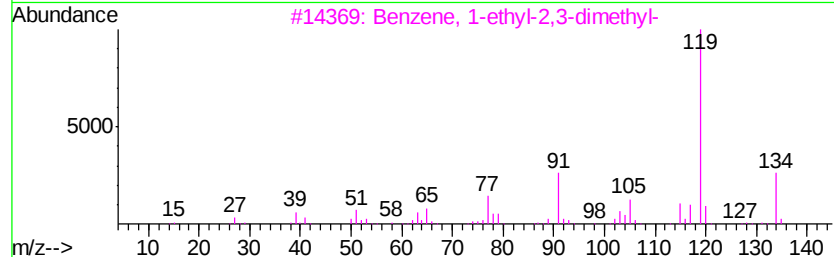
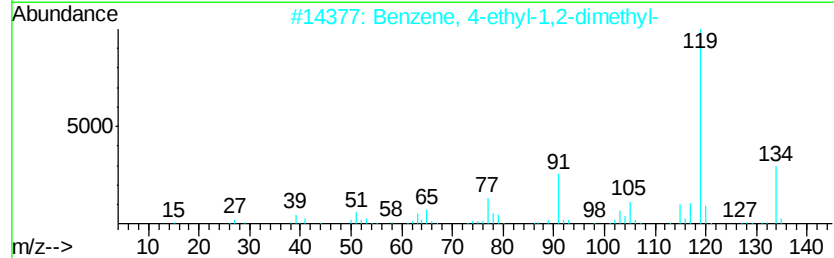
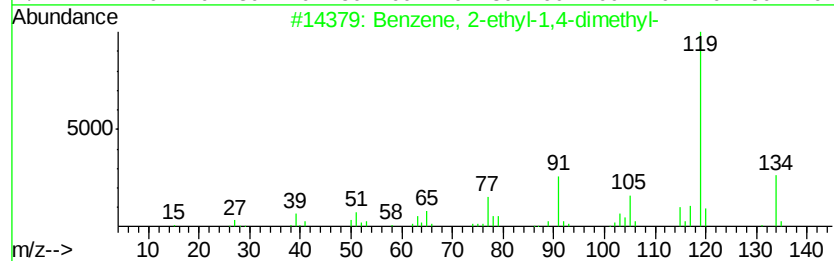
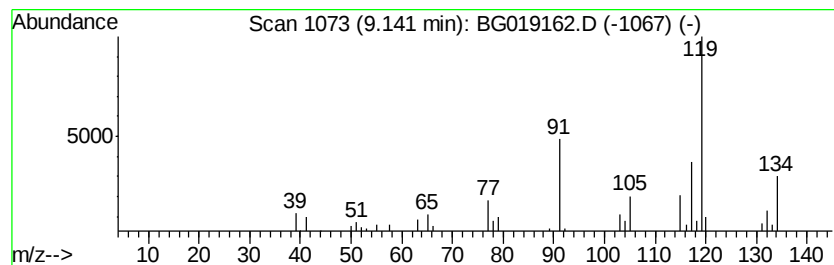
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	4.67 ng	29492	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	74
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	62
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019162.D
Acq On : 12 Oct 2015 14:56
Operator : UM/NP
Sample : G3989-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C7-GW

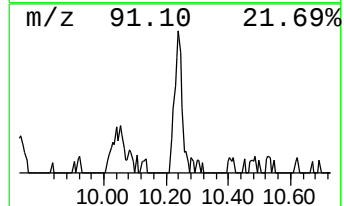
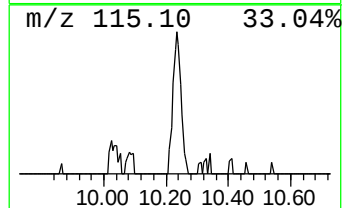
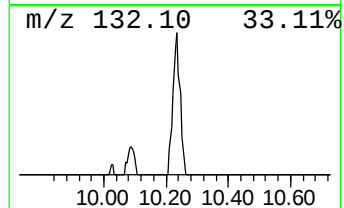
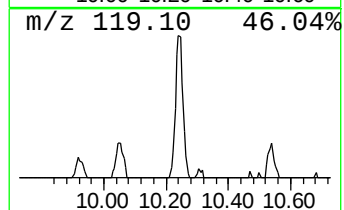
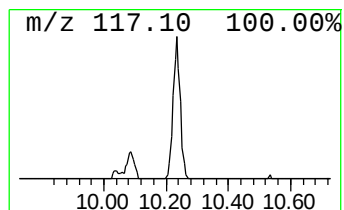
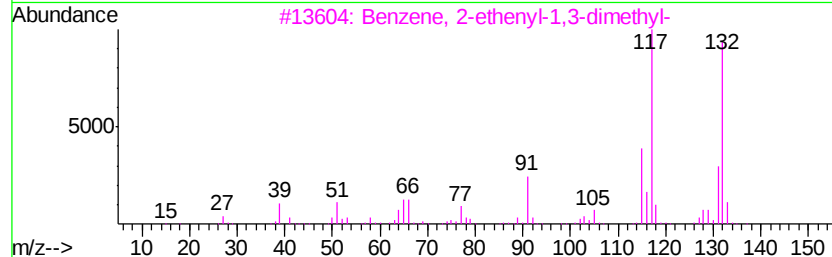
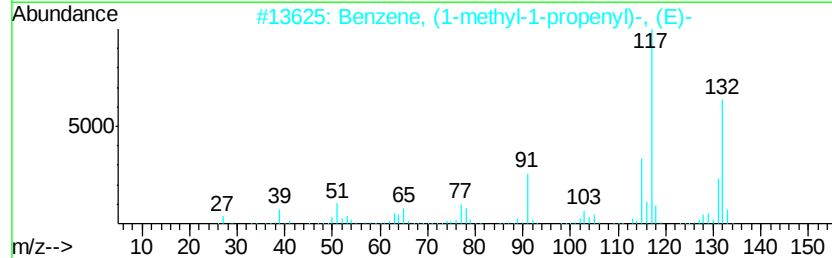
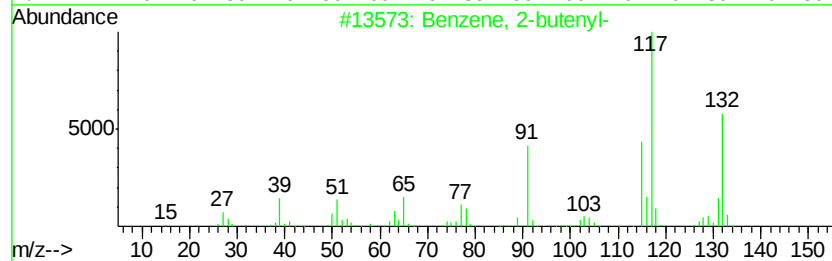
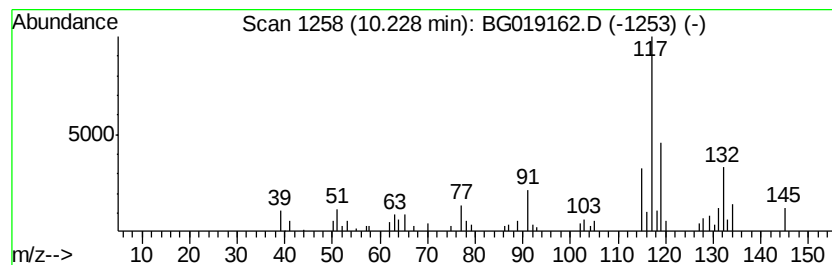
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 2-butenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	5.86 ng	63574	Naphthalene-d8	10.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
2		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	64
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	64
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019162.D
Acq On : 12 Oct 2015 14:56
Operator : UM/NP
Sample : G3989-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C7-GW

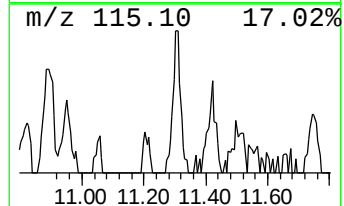
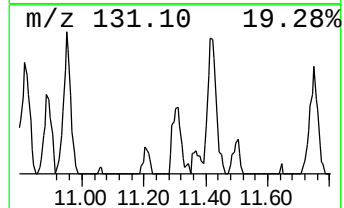
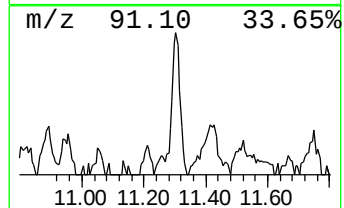
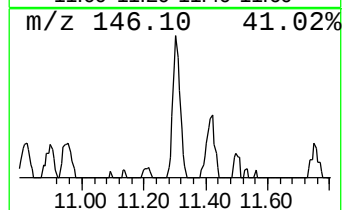
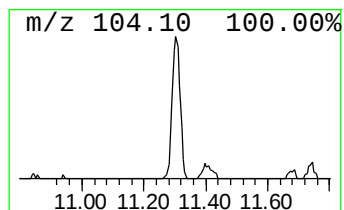
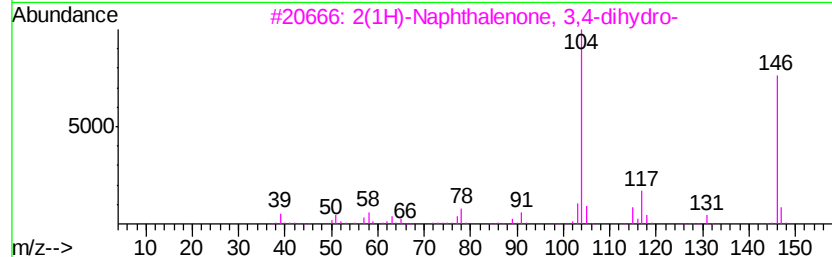
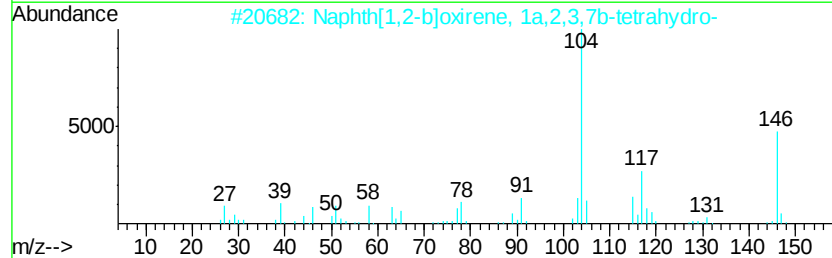
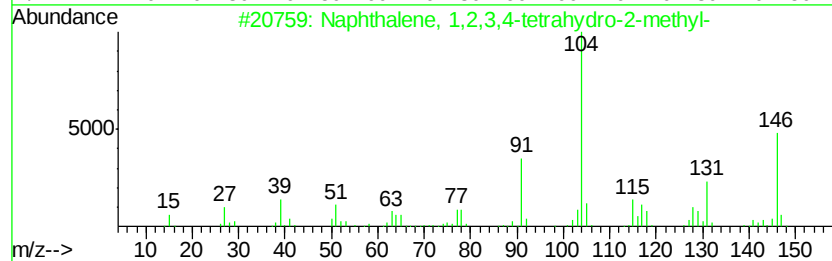
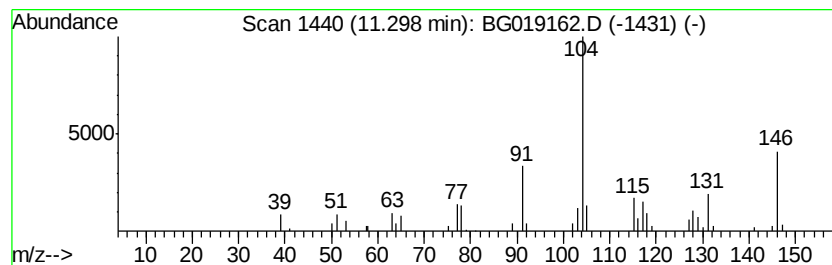
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	5.33 ng	57882	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	95
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		3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019162.D
Acq On : 12 Oct 2015 14:56
Operator : UM/NP
Sample : G3989-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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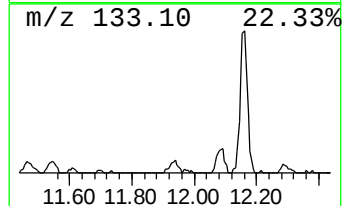
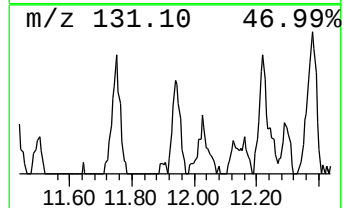
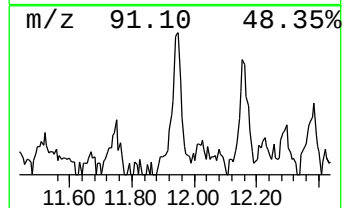
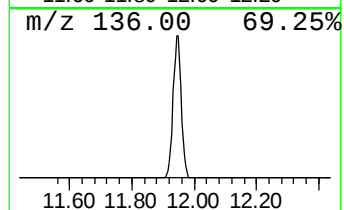
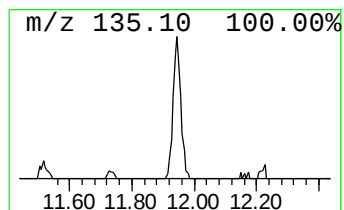
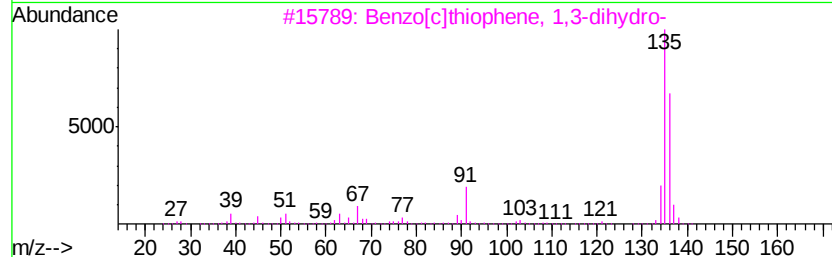
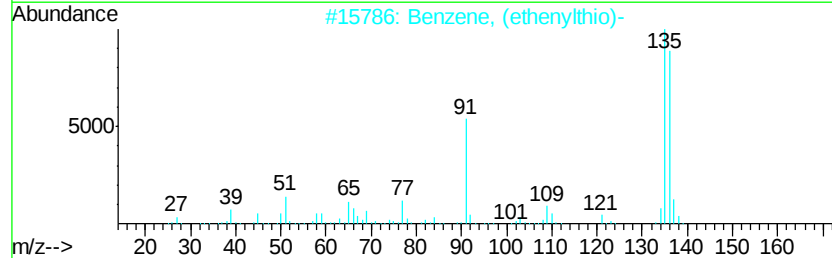
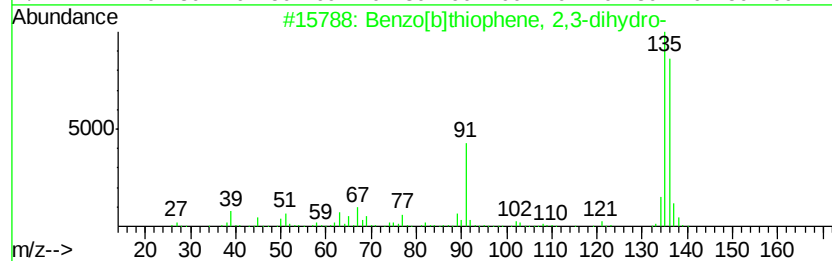
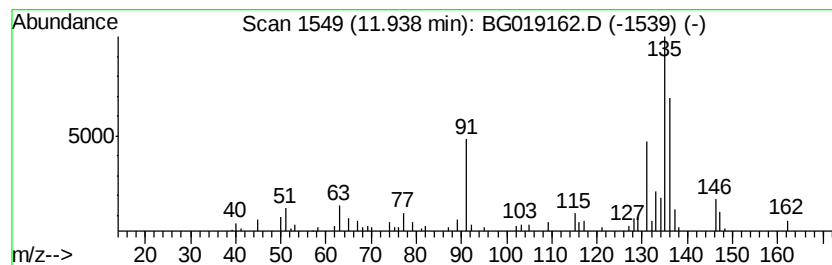
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	5.17 ng	56065	Naphthalene-d8	10.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	64
2		Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	60
3		Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	53
4		Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	49
5		4-Hydroxy-3-methylbenzaldehyde	136	C8H8O2	015174-69-3	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019162.D
Acq On : 12 Oct 2015 14:56
Operator : UM/NP
Sample : G3989-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OW1-C7-GW

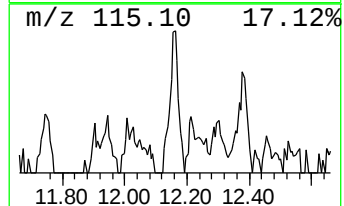
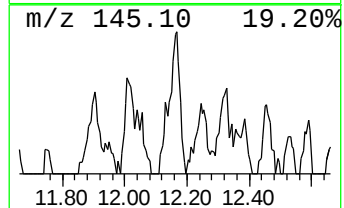
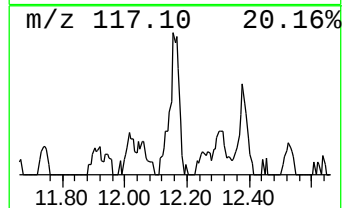
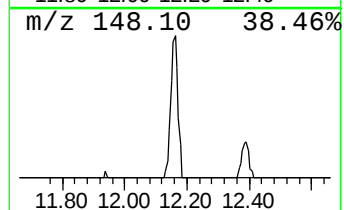
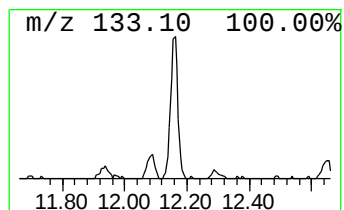
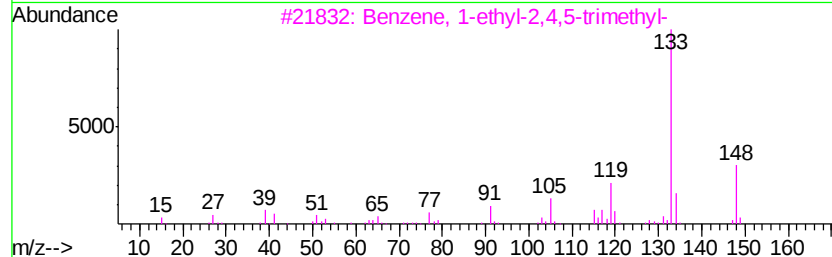
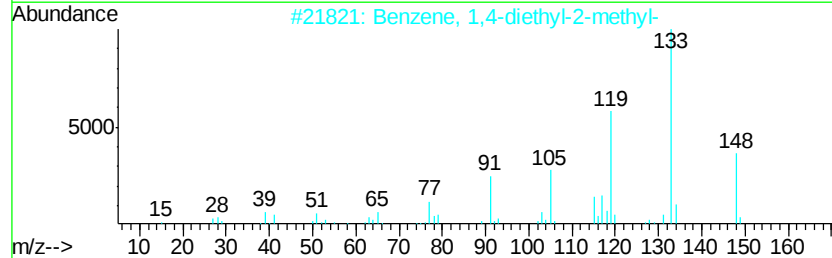
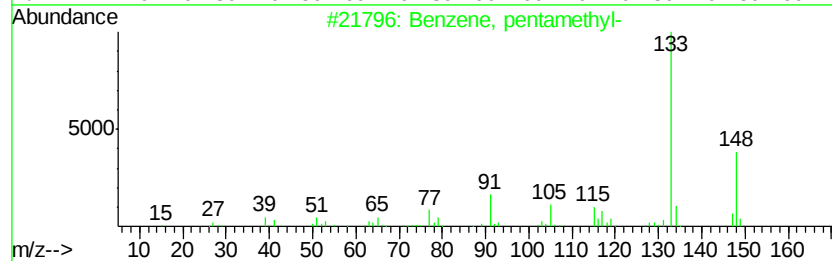
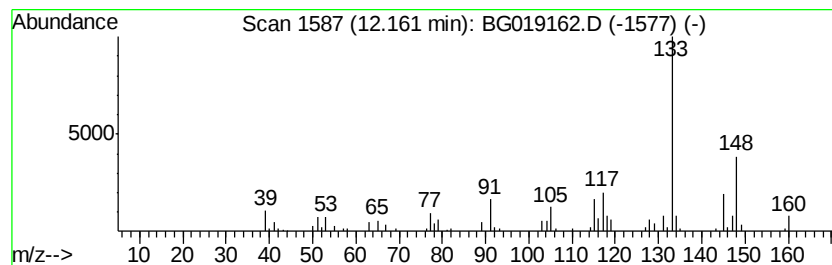
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, pentamethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	7.01 ng	76110	Naphthalene-d8	10.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	70
2		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	68
3		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	58
4		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
5		1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019162.D
Acq On : 12 Oct 2015 14:56
Operator : UM/NP
Sample : G3989-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C7-GW

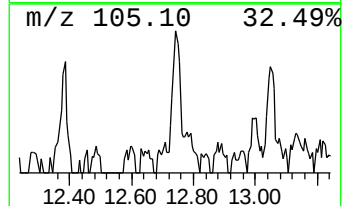
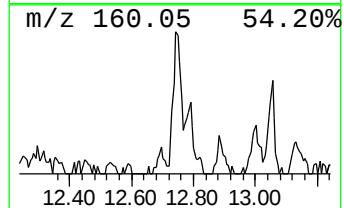
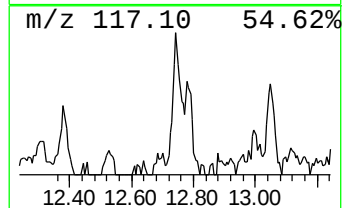
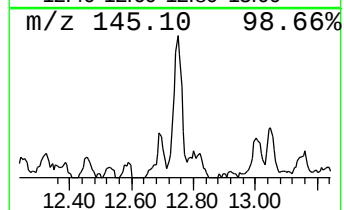
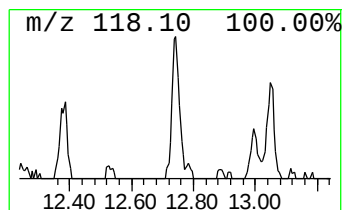
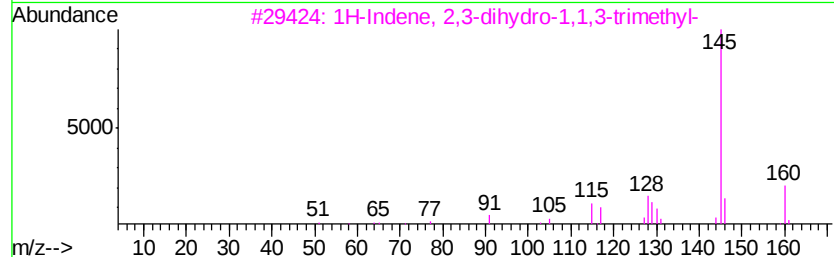
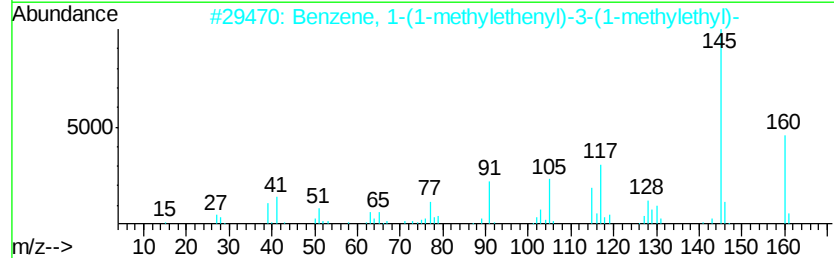
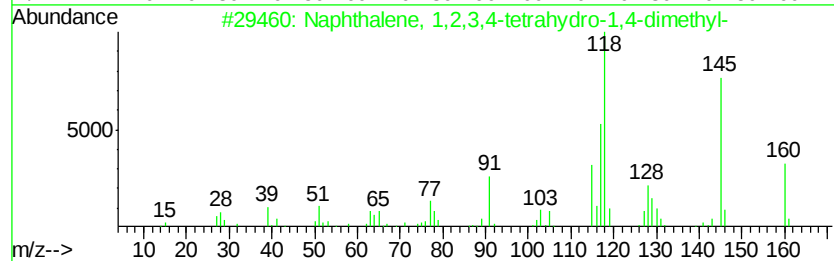
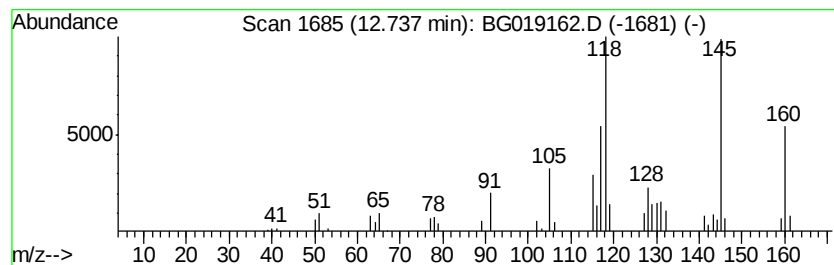
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	5.78 ng	62695	Naphthalene-d8	10.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87
2		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	76
3		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64
5		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	62



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019162.D
Acq On : 12 Oct 2015 14:56
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Misc :
ALS Vial : 53 Sample Multiplier: 1

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ClientSampleId :
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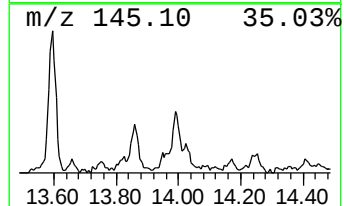
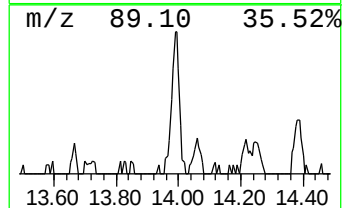
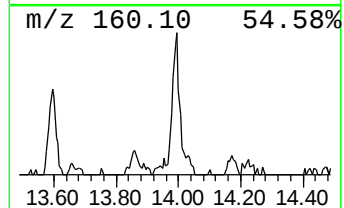
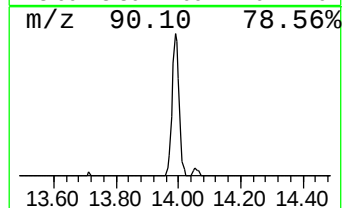
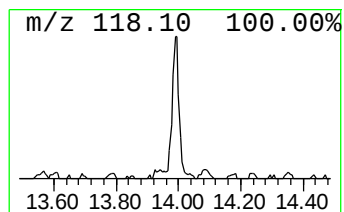
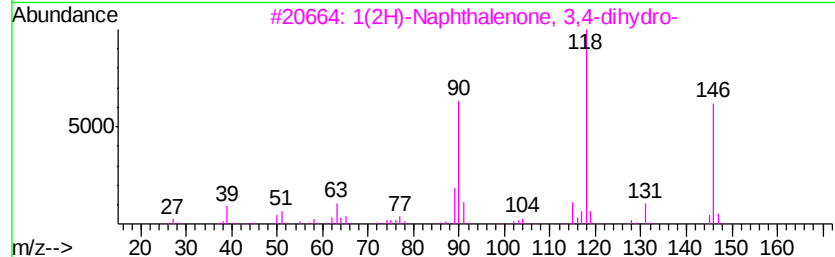
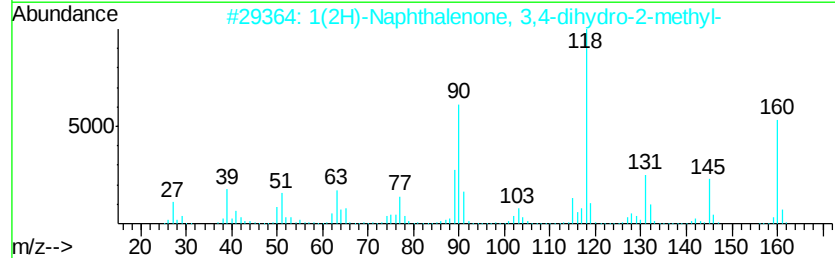
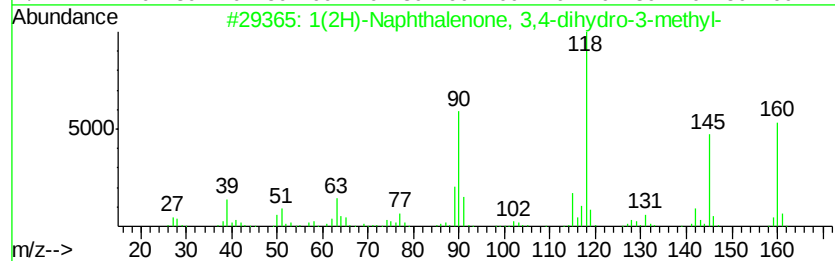
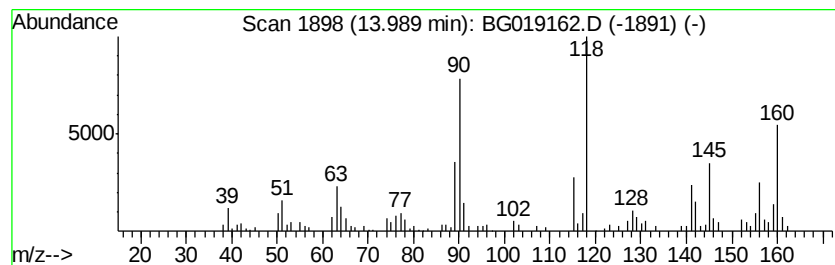
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	6.10 ng	106434	Acenaphthene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	90
2		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	87
3		1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	59
4		Homophthalimide	161	C9H7NO2	004456-77-3	59
5		1,3,5-Norcaratriene	90	C7H6	004646-69-9	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019162.D
Acq On : 12 Oct 2015 14:56
Operator : UM/NP
Sample : G3989-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C7-GW

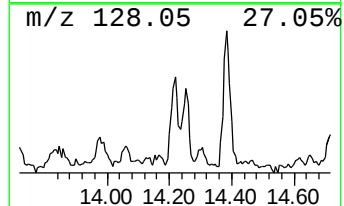
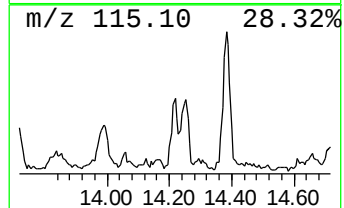
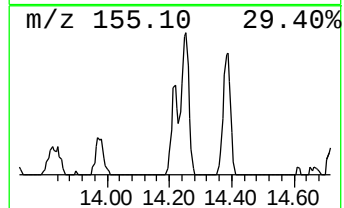
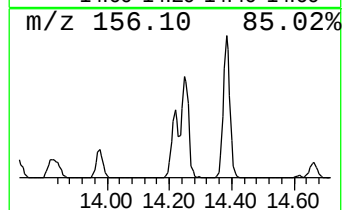
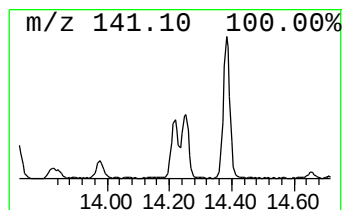
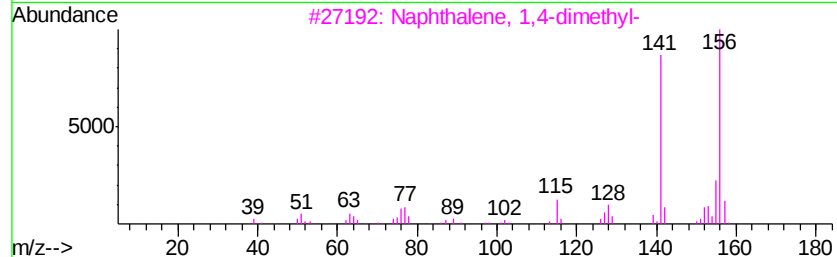
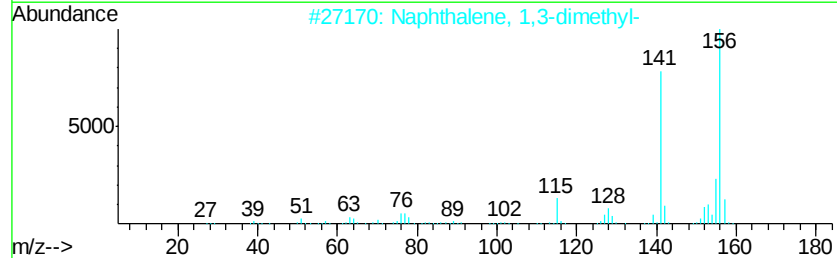
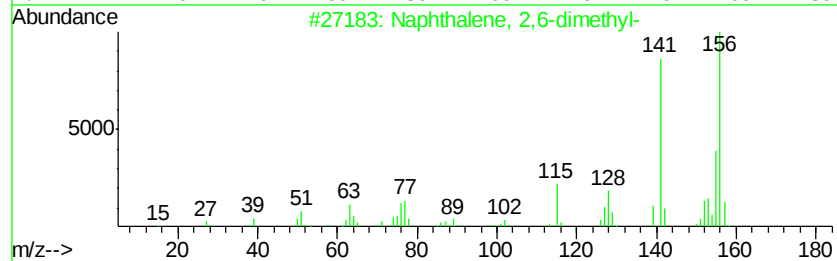
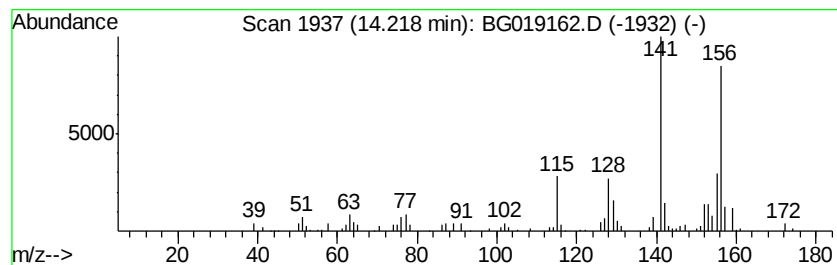
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	5.66 ng	98894	Acenaphthene-d10	14.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	81
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	81
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019162.D
Acq On : 12 Oct 2015 14:56
Operator : UM/NP
Sample : G3989-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

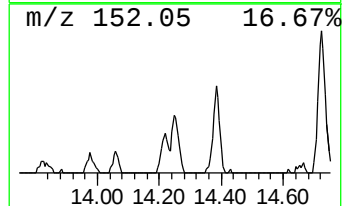
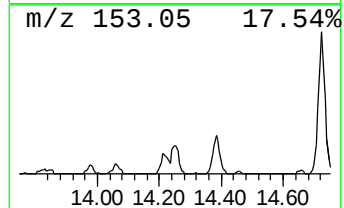
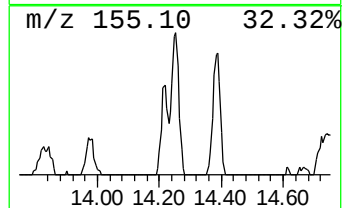
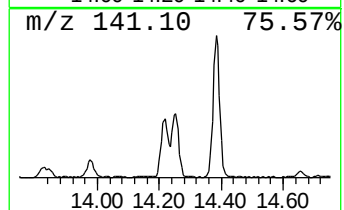
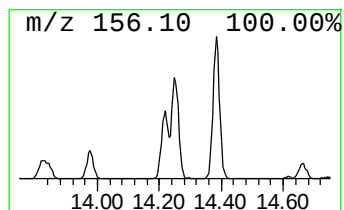
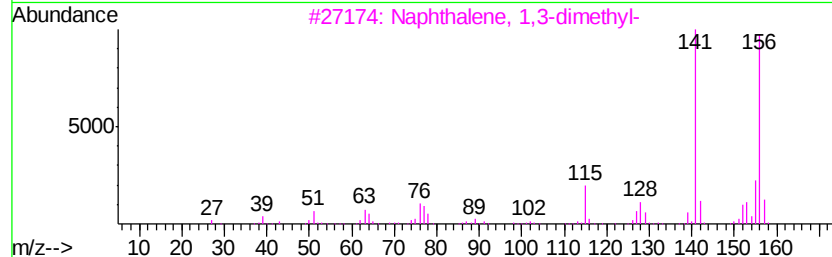
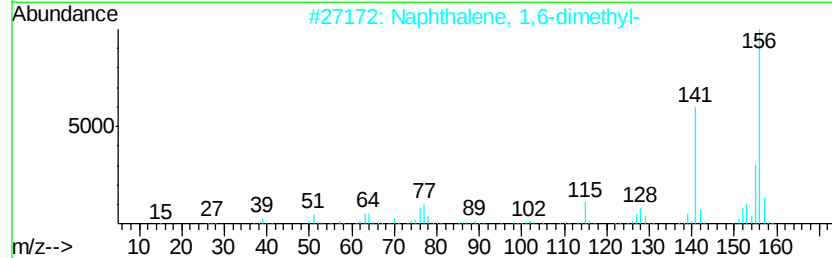
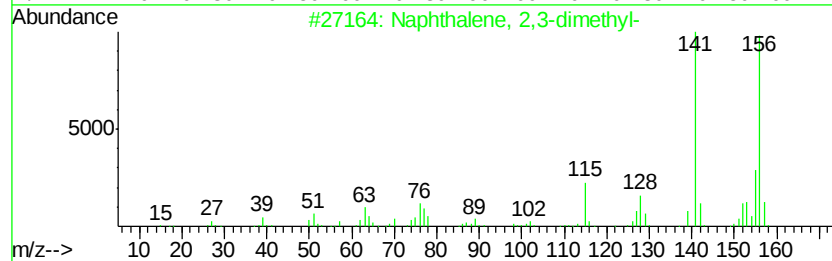
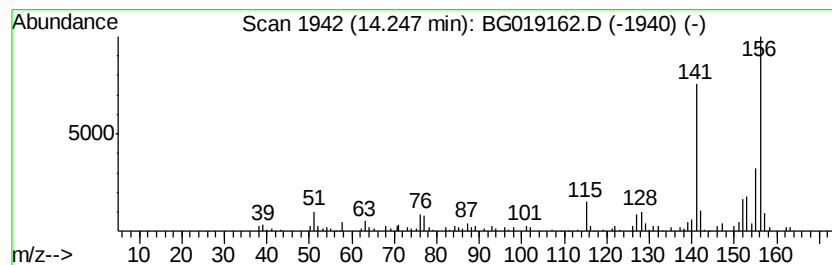
Instrument :
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ClientSampleId :
OW1-C7-GW

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 14 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	5.83 ng	101712	Acenaphthene-d10	14.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 93
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 93
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 93
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 93
5		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019162.D
Acq On : 12 Oct 2015 14:56
Operator : UM/NP
Sample : G3989-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

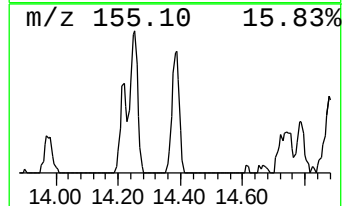
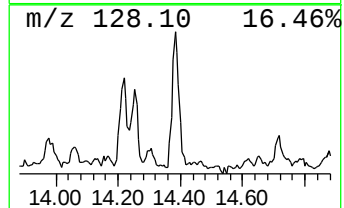
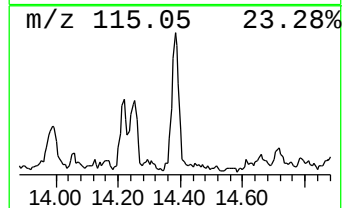
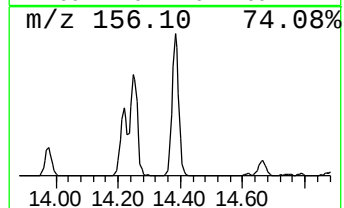
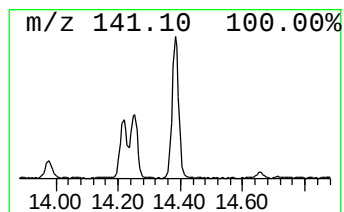
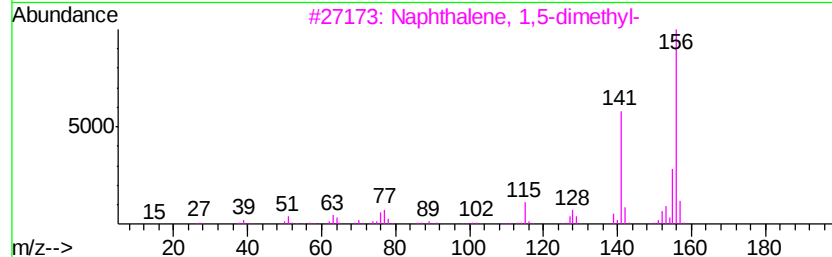
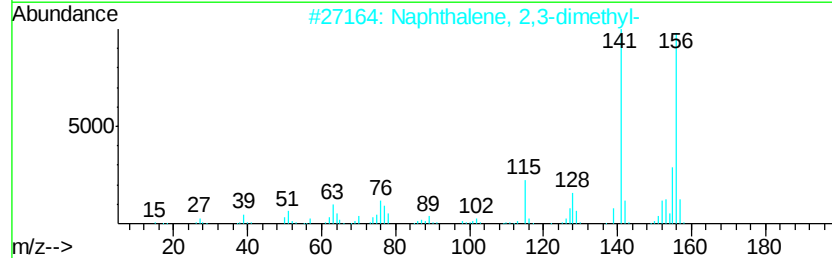
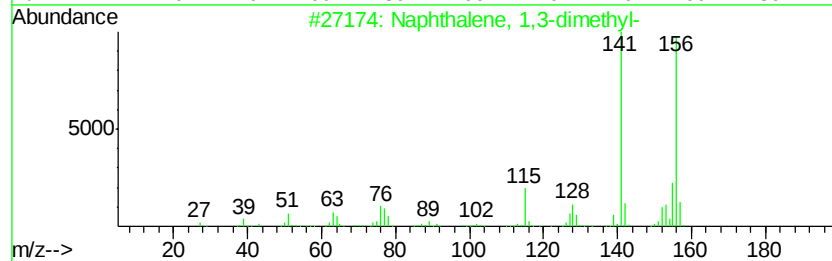
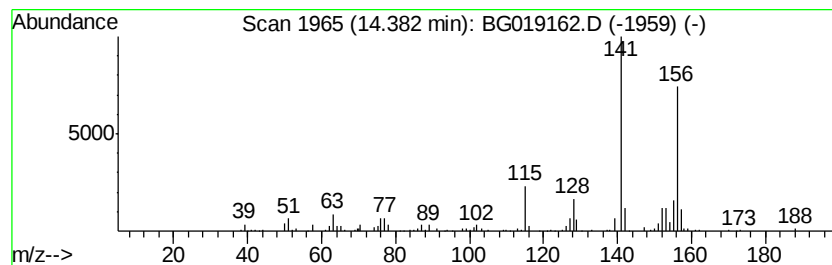
Instrument :
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ClientSampleId :
OW1-C7-GW

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 15 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.38	11.55 ng	201710	Acenaphthene-d10		14.66
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019162.D
Acq On : 12 Oct 2015 14:56
Operator : UM/NP
Sample : G3989-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C7-GW

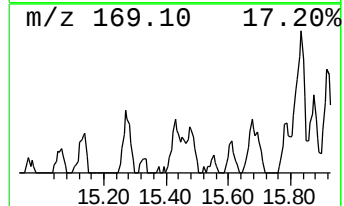
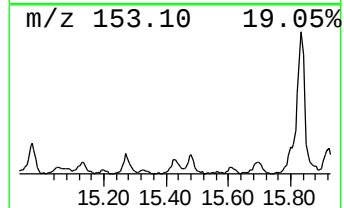
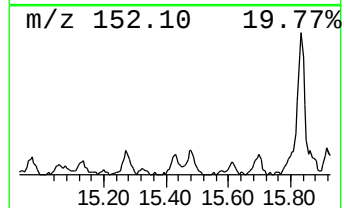
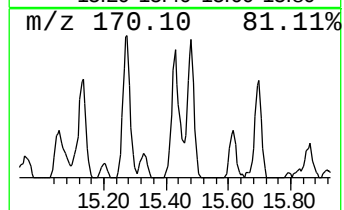
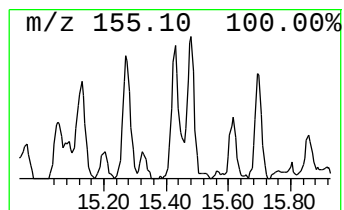
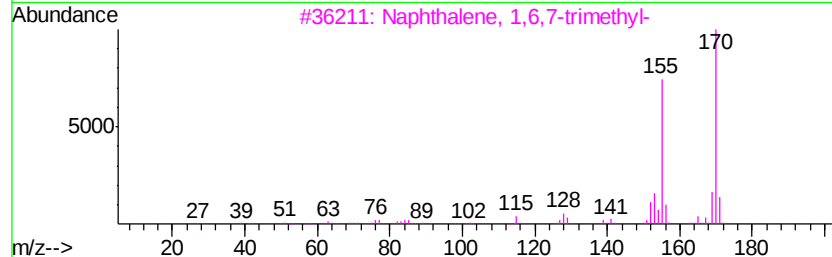
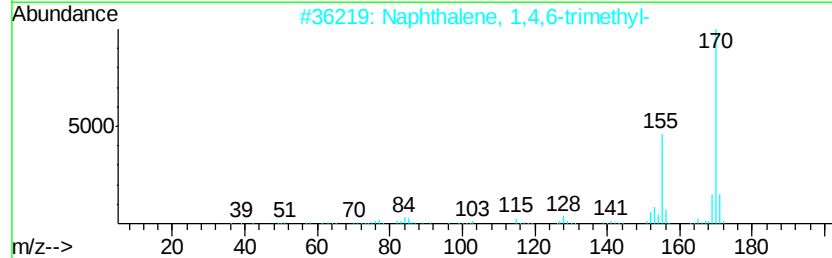
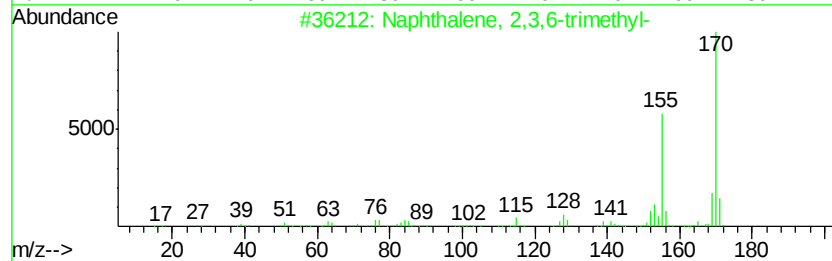
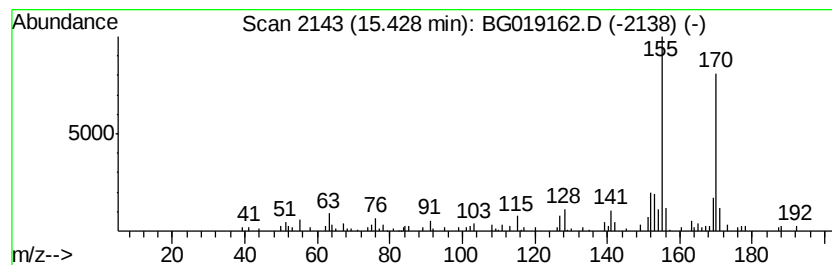
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	4.36 ng	76118	Acenaphthene-d10	14.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019162.D
Acq On : 12 Oct 2015 14:56
Operator : UM/NP
Sample : G3989-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C7-GW

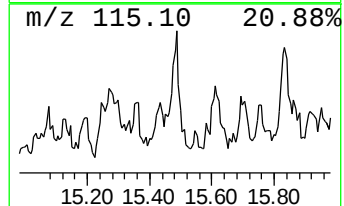
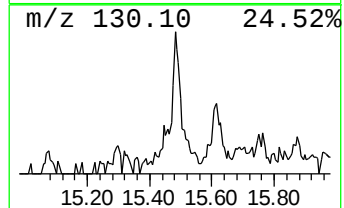
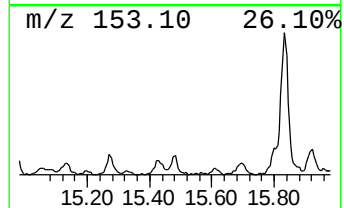
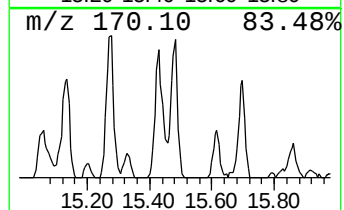
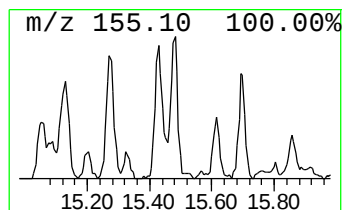
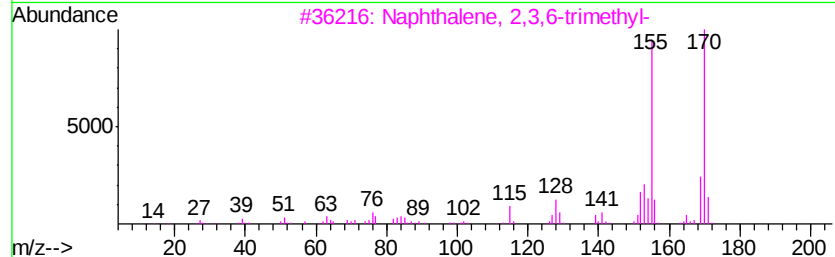
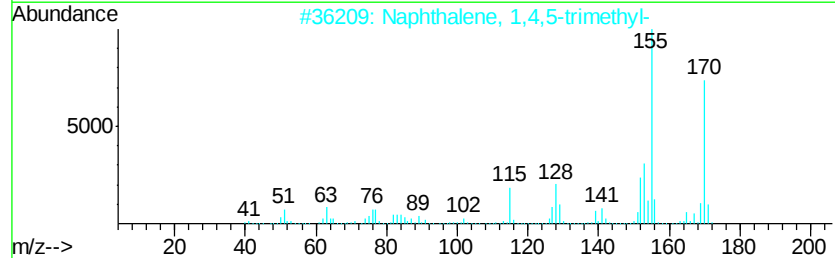
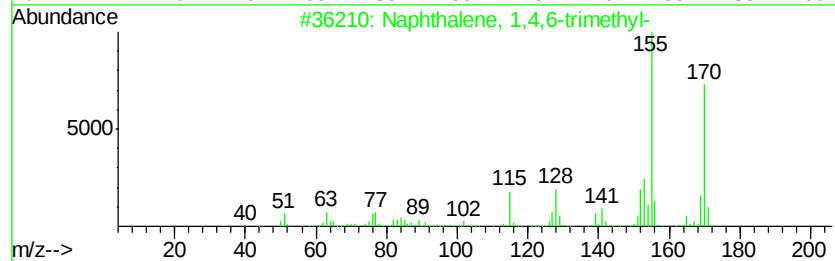
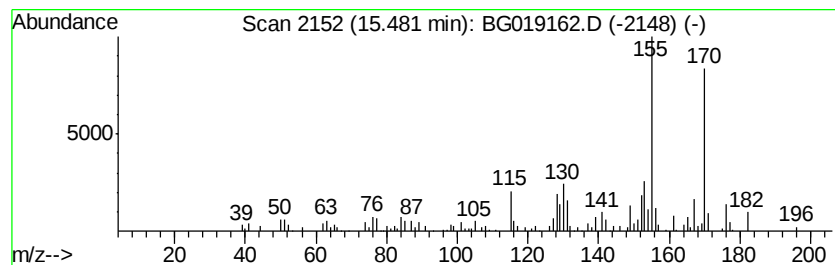
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	6.49 ng	113370	Acenaphthene-d10	14.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019162.D
Acq On : 12 Oct 2015 14:56
Operator : UM/NP
Sample : G3989-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OW1-C7-GW

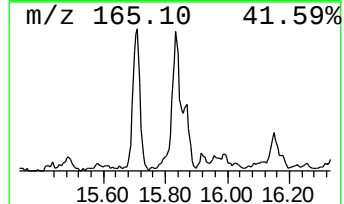
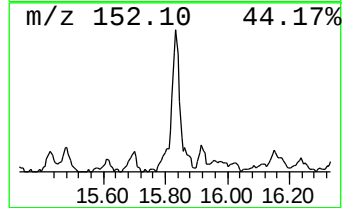
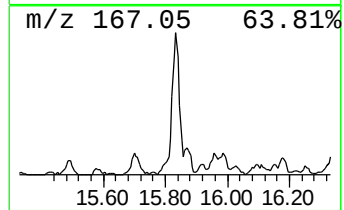
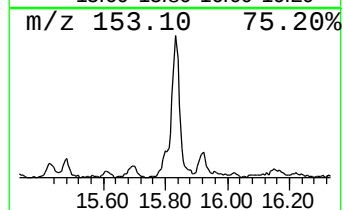
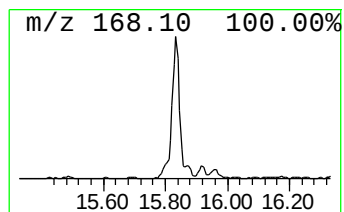
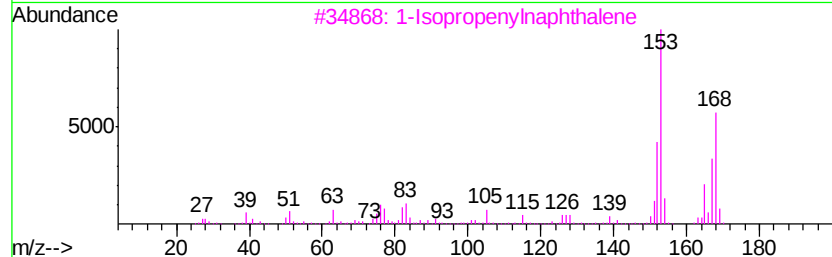
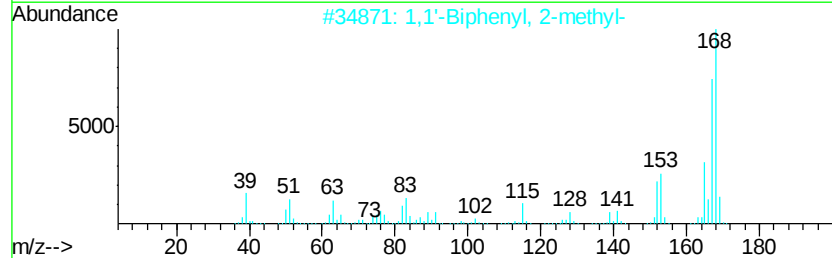
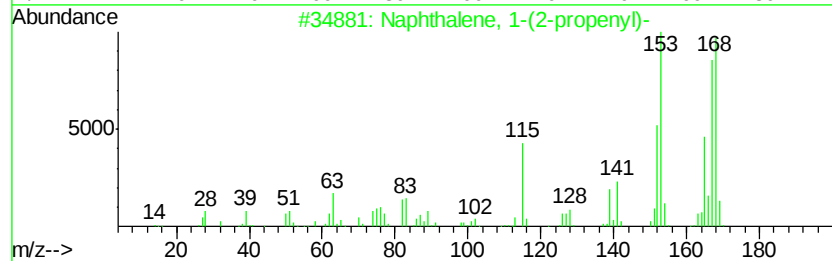
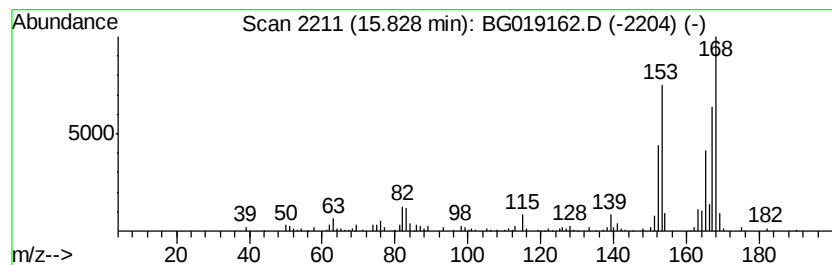
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1-(2-propenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	11.67 ng	203801	Acenaphthene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
3		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	52
4		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	52
5		Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019162.D
Acq On : 12 Oct 2015 14:56
Operator : UM/NP
Sample : G3989-05
Misc :
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ClientSampleId :
OW1-C7-GW

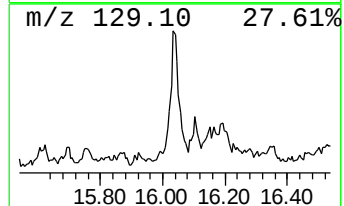
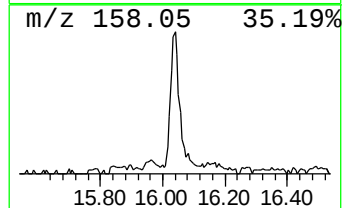
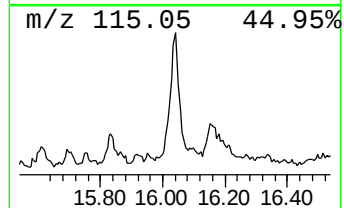
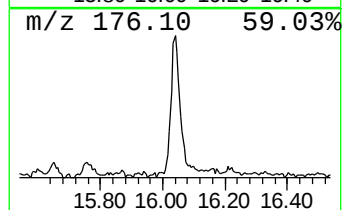
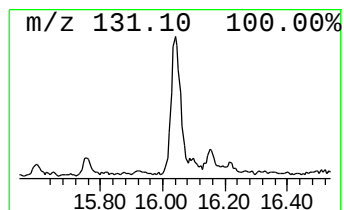
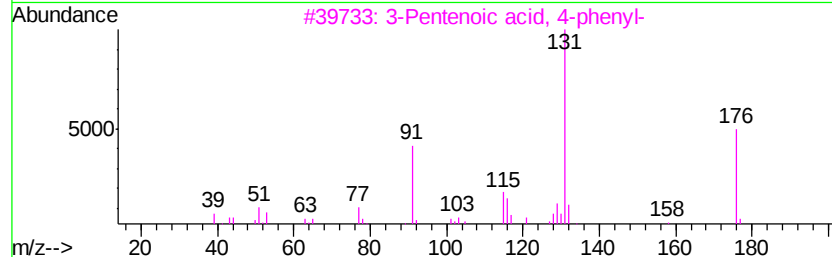
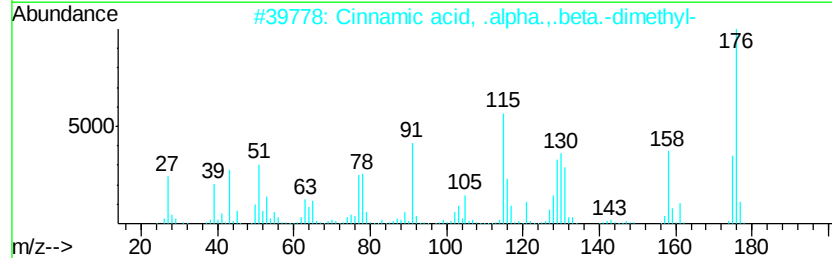
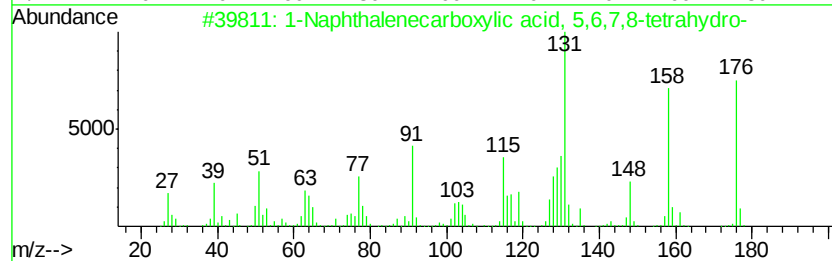
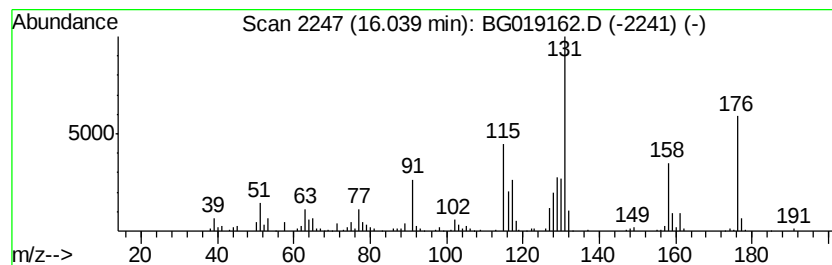
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Naphthalenecarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	10.09 ng	198870	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	94
2		Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	58
3		3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	43
4		Benzene, 1,3-bis(1-buten-3-yl)-	186	C14H18	158117-62-5	43
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019162.D
Acq On : 12 Oct 2015 14:56
Operator : UM/NP
Sample : G3989-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C7-GW

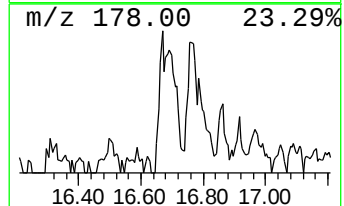
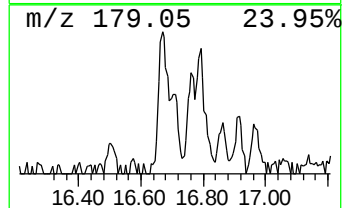
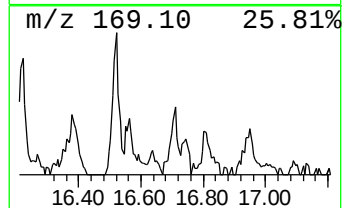
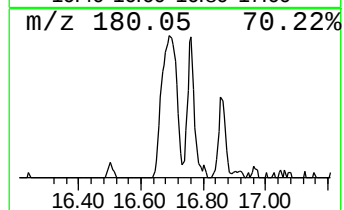
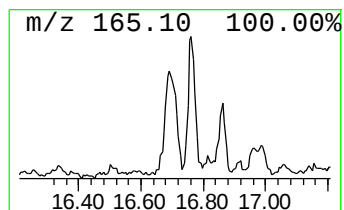
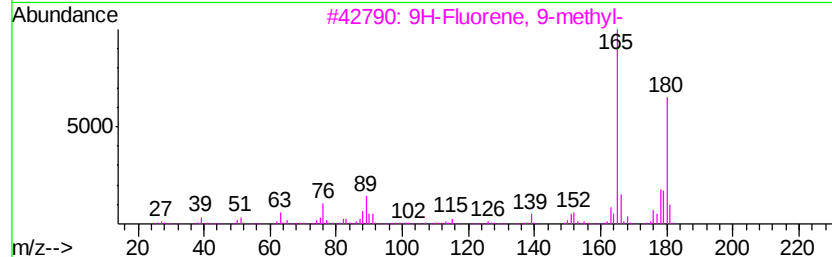
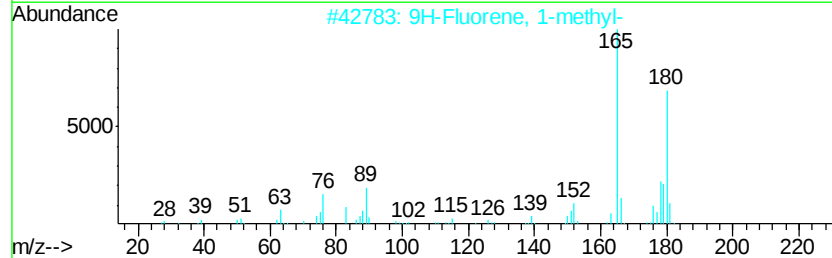
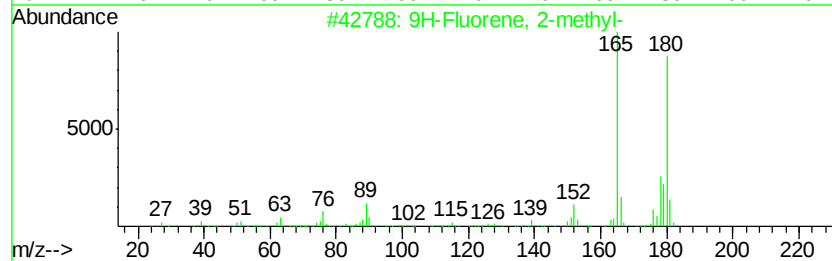
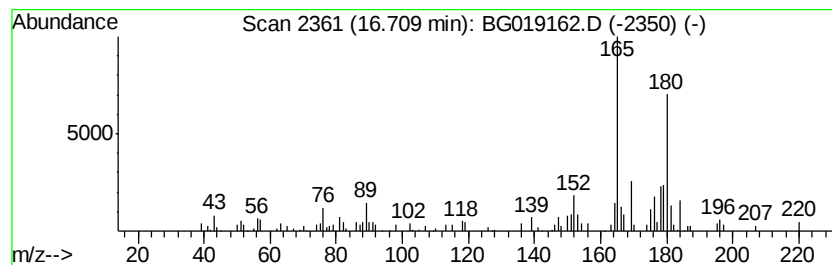
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	4.86 ng	95796	Phenanthrene-d10	17.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	78
4			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	49
5			1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
 Data File : BG019162.D
 Acq On : 12 Oct 2015 14:56
 Operator : UM/NP
 Sample : G3989-05
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C7-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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.22	40.9	ng	257831	1	8.03	126200	20.0
2-Pentanone, 4-hy...	5.14	17.1	ng	107563	1	8.03	126200	20.0
unknown7.57	7.57	90.9	ng	573737	1	8.03	126200	20.0
Benzene, 2-ethyl-...	9.14	4.7	ng	29492	1	8.03	126200	20.0
Benzene, 2-butenyl-	10.23	5.9	ng	63574	2	10.84	217063	20.0
Naphthalene, 1,2,...	11.30	5.3	ng	57882	2	10.84	217063	20.0
Benzo[b]thiophene...	11.94	5.2	ng	56065	2	10.84	217063	20.0
Benzene, pentamet...	12.16	7.0	ng	76110	2	10.84	217063	20.0
Naphthalene, 1,2,...	12.74	5.8	ng	62695	2	10.84	217063	20.0
1(2H)-Naphthaleno...	13.99	6.1	ng	106434	3	14.66	349186	20.0
Naphthalene, 2,6-...	14.22	5.7	ng	98894	3	14.66	349186	20.0
Naphthalene, 2,3-...	14.25	5.8	ng	101712	3	14.66	349186	20.0
Naphthalene, 1,3-...	14.38	11.6	ng	201710	3	14.66	349186	20.0
Naphthalene, 2,3,...	15.43	4.4	ng	76118	3	14.66	349186	20.0
Naphthalene, 1,4,...	15.48	6.5	ng	113370	3	14.66	349186	20.0
Naphthalene, 1-(2...	15.83	11.7	ng	203801	3	14.66	349186	20.0
1-Naphthalenecarb...	16.04	10.1	ng	198870	4	17.41	394380	20.0
9H-Fluorene, 2-me...	16.71	4.9	ng	95796	4	17.41	394380	20.0