

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
 Data File : BG019160.D
 Acq On : 12 Oct 2015 13:40
 Operator : UM/NP
 Sample : G3989-03
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C5-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	47	52	60	rBV	42953	73741	3.94%	0.411%
2	3.214	60	64	82	rVB	171613	246939	13.20%	1.375%
3	5.141	383	392	398	rBV	71200	108555	5.80%	0.605%
4	5.611	465	472	479	rBV	168128	267413	14.30%	1.490%
5	6.521	620	627	634	rVB	33645	49893	2.67%	0.278%
6	7.009	704	710	716	rBV	35254	53764	2.87%	0.299%
7	7.197	735	742	752	rVB	120403	202067	10.80%	1.126%
8	7.567	798	805	813	rVB	327885	535087	28.61%	2.981%
9	7.937	858	868	873	rBV	17549	33920	1.81%	0.189%
10	8.031	878	884	891	rVB2	73136	121881	6.52%	0.679%
11	8.355	931	939	944	rBV	293488	505713	27.04%	2.817%
12	8.407	944	948	955	rVB	114781	187161	10.01%	1.043%
13	8.525	962	968	975	rVB	36728	54857	2.93%	0.306%
14	8.678	986	994	998	rBV2	14347	24118	1.29%	0.134%
15	8.725	998	1002	1013	rVV5	17591	32211	1.72%	0.179%
16	9.142	1064	1073	1077	rBV2	63079	117989	6.31%	0.657%
17	9.195	1077	1082	1097	rVB2	284072	619710	33.13%	3.452%
18	9.377	1104	1113	1123	rBV9	16811	45566	2.44%	0.254%
19	9.489	1123	1132	1140	rVB8	12041	31287	1.67%	0.174%
20	9.665	1156	1162	1168	rVB	63446	103247	5.52%	0.575%
21	9.923	1201	1206	1210	rVB	17920	23405	1.25%	0.130%
22	10.029	1217	1224	1229	rBV4	33938	75968	4.06%	0.423%
23	10.082	1229	1233	1238	rVV	43919	66986	3.58%	0.373%
24	10.235	1253	1259	1268	rVB3	116367	212287	11.35%	1.182%
25	10.423	1284	1291	1296	rBV8	10176	26267	1.40%	0.146%
26	10.534	1306	1310	1313	rBV	14885	26275	1.40%	0.146%
27	10.693	1330	1337	1342	rBV8	9650	22835	1.22%	0.127%
28	10.752	1343	1347	1351	rVV3	24839	45683	2.44%	0.254%
29	10.834	1351	1361	1366	rVV2	123879	337062	18.02%	1.877%
30	10.887	1366	1370	1376	rVV3	51527	110655	5.92%	0.616%
31	10.952	1376	1381	1385	rVV	67373	118187	6.32%	0.658%
32	10.993	1385	1388	1394	rVB3	24586	40845	2.18%	0.228%
33	11.057	1394	1399	1403	rBV	22794	37520	2.01%	0.209%
34	11.210	1420	1425	1430	rBV4	16256	30954	1.65%	0.172%

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35	11.304	1430	1441	1453	rVB	108948	255682	13.67%	1.424%
36	11.422	1454	1461	1470	rBV	75911	145030	7.75%	0.808%
37	11.498	1470	1474	1478	rBV	33355	57329	3.06%	0.319%
38	11.698	1499	1508	1511	rVV10	19899	50941	2.72%	0.284%
39	11.751	1512	1517	1525	rVB2	80453	154427	8.26%	0.860%
40	11.862	1531	1536	1540	rBV	70497	113641	6.08%	0.633%
41	11.945	1544	1550	1556	rVB	96856	176776	9.45%	0.985%
42	12.027	1558	1564	1572	rBV2	65101	131904	7.05%	0.735%
43	12.127	1577	1581	1583	rBV5	16386	25290	1.35%	0.141%
44	12.162	1584	1587	1592	rVB3	36554	51743	2.77%	0.288%
45	12.221	1592	1597	1604	rBV3	47513	100249	5.36%	0.558%
46	12.379	1618	1624	1630	rVB2	102268	184637	9.87%	1.028%
47	12.456	1633	1637	1646	rVB5	45545	109881	5.87%	0.612%
48	12.532	1646	1650	1653	rBV5	16707	27688	1.48%	0.154%
49	12.697	1673	1678	1681	rBV3	29726	50212	2.68%	0.280%
50	12.744	1681	1686	1691	rBV2	100579	168717	9.02%	0.940%
51	12.791	1691	1694	1697	rBV4	21917	30712	1.64%	0.171%
52	12.885	1705	1710	1714	rBV7	31957	56892	3.04%	0.317%
53	12.943	1716	1720	1726	rVV4	29657	74651	3.99%	0.416%
54	13.008	1726	1731	1735	rVV5	32716	73994	3.96%	0.412%
55	13.049	1735	1738	1743	rVB3	24101	36729	1.96%	0.205%
56	13.202	1759	1764	1770	rVB2	129873	212592	11.37%	1.184%
57	13.284	1772	1778	1785	rVV	758189	1205168	64.43%	6.713%
58	13.372	1789	1793	1798	rBV4	23343	37001	1.98%	0.206%
59	13.507	1813	1816	1820	rVB3	33739	39785	2.13%	0.222%
60	13.607	1828	1833	1838	rVB4	71345	121772	6.51%	0.678%
61	13.654	1838	1841	1845	rVV3	38829	60331	3.23%	0.336%
62	13.719	1849	1852	1856	rVB3	53977	76405	4.08%	0.426%
63	13.825	1865	1870	1880	rBV5	92195	246799	13.19%	1.375%
64	13.983	1891	1897	1902	rVB	123525	221724	11.85%	1.235%
65	14.142	1920	1924	1928	rVB	139143	169588	9.07%	0.945%
66	14.218	1933	1937	1940	rBV	113554	169068	9.04%	0.942%
67	14.383	1957	1965	1971	rBV	107211	215985	11.55%	1.203%
68	14.659	2004	2012	2018	rBV2	219061	411922	22.02%	2.294%
69	14.724	2019	2023	2025	rBV3	43669	63200	3.38%	0.352%
70	14.812	2035	2038	2043	rVB3	45144	60921	3.26%	0.339%
71	14.865	2044	2047	2056	rVB4	63263	161467	8.63%	0.899%

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72	14.953	2058	2062	2066	rBV2	26244	51359	2.75%	0.286%
73	15.059	2075	2080	2088	rVB2	142375	235040	12.57%	1.309%
74	15.135	2089	2093	2096	rBV	72079	94677	5.06%	0.527%
75	15.176	2097	2100	2109	rVB8	50039	103649	5.54%	0.577%
76	15.282	2110	2118	2121	rBV2	124259	259020	13.85%	1.443%
77	15.476	2141	2151	2160	rVB3	159047	409351	21.88%	2.280%
78	15.705	2185	2190	2195	rBV2	115323	210946	11.28%	1.175%
79	15.834	2208	2212	2216	rVB	112186	143319	7.66%	0.798%
80	15.916	2222	2226	2232	rVB2	173085	250893	13.41%	1.398%
81	16.151	2261	2266	2274	rVB2	715839	1171681	62.64%	6.526%
82	16.392	2302	2307	2318	rVB2	284503	484982	25.93%	2.701%
83	16.762	2366	2370	2376	rBV3	106399	180727	9.66%	1.007%
84	17.215	2443	2447	2457	rVB2	187731	326669	17.46%	1.820%
85	17.409	2475	2480	2485	rBV2	257033	390376	20.87%	2.174%
86	17.603	2510	2513	2518	rBV5	32799	52939	2.83%	0.295%
87	17.820	2546	2550	2554	rBV4	55750	91168	4.87%	0.508%
88	18.302	2626	2632	2636	rBV4	61561	132613	7.09%	0.739%
89	18.719	2700	2703	2710	rVB2	56264	108877	5.82%	0.606%
90	19.024	2752	2755	2758	rBV3	29550	38164	2.04%	0.213%
91	19.189	2781	2783	2788	rVB3	63196	93530	5.00%	0.521%
92	20.023	2919	2925	2932	rVB	1387010	1870575	100.00%	10.419%
93	20.681	3035	3037	3043	rVB7	21049	28868	1.54%	0.161%
94	20.752	3047	3049	3055	rVB4	15696	21261	1.14%	0.118%
95	20.905	3072	3075	3080	rBV2	20739	30974	1.66%	0.173%
96	21.322	3143	3146	3156	rVB3	19317	34610	1.85%	0.193%
97	21.569	3184	3188	3194	rVB	32759	48423	2.59%	0.270%
98	21.680	3201	3207	3217	rVB	275414	463451	24.78%	2.581%
99	24.001	3596	3602	3610	rVB8	12781	30401	1.63%	0.169%
100	24.906	3745	3756	3769	rBV3	156033	453383	24.24%	2.525%

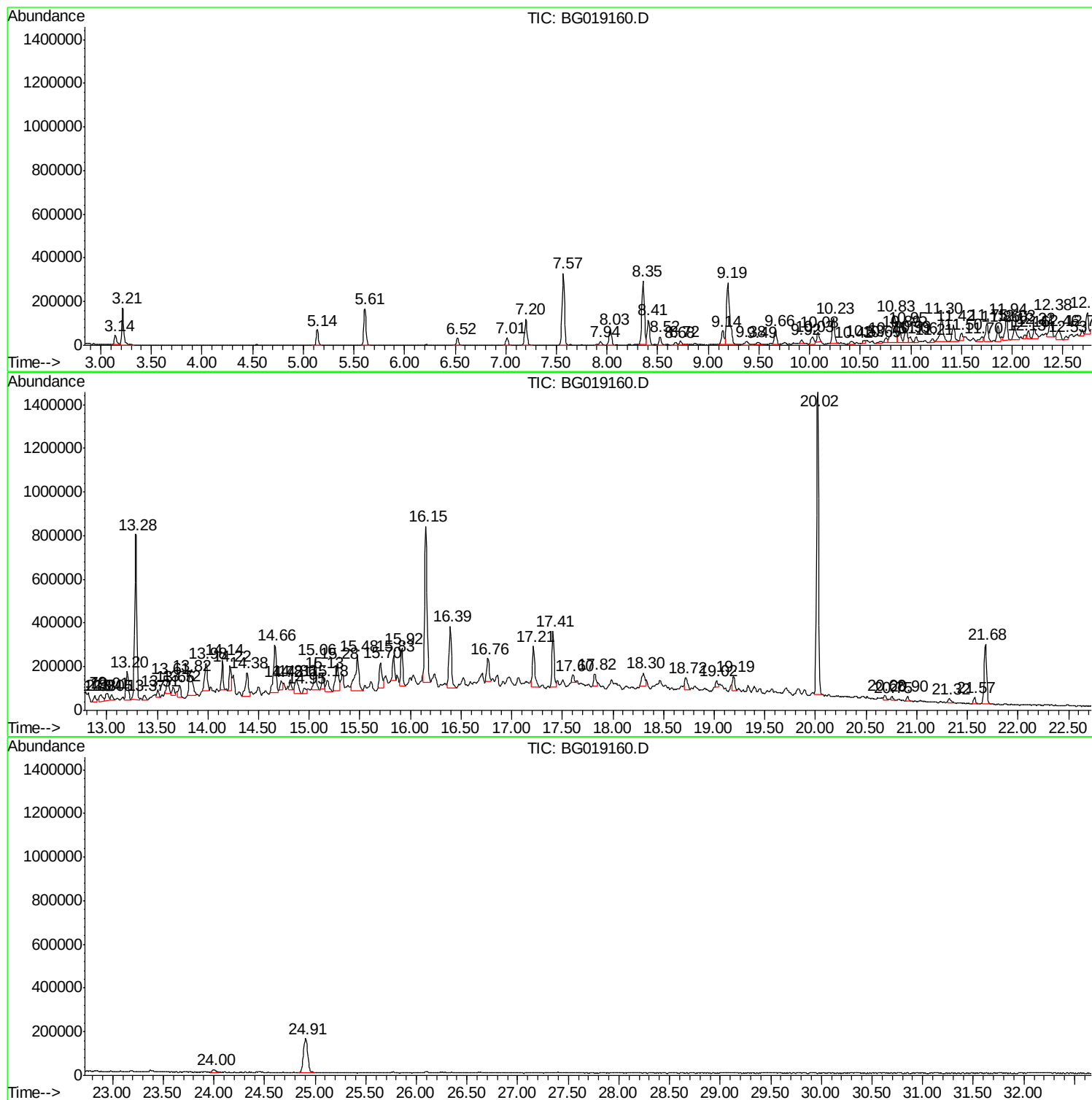
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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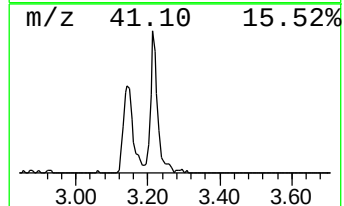
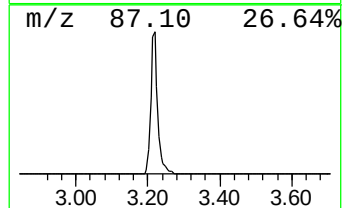
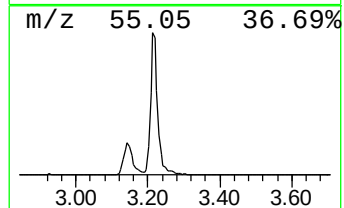
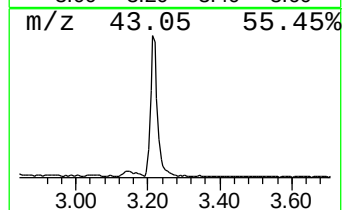
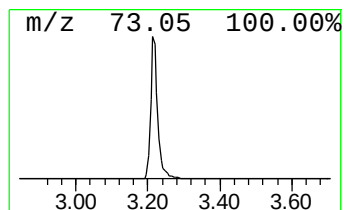
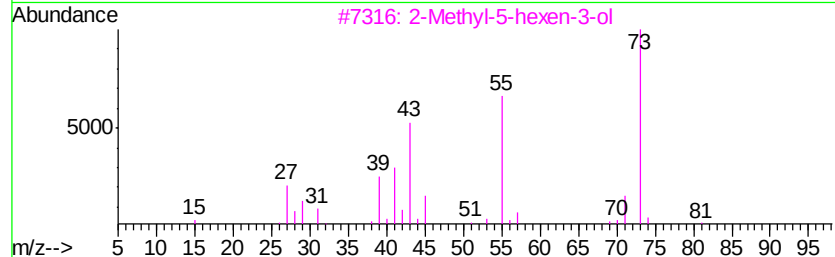
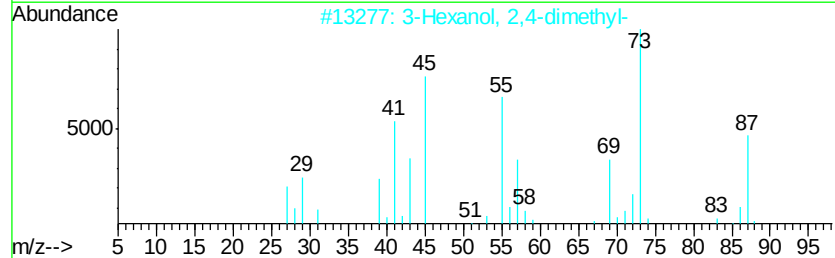
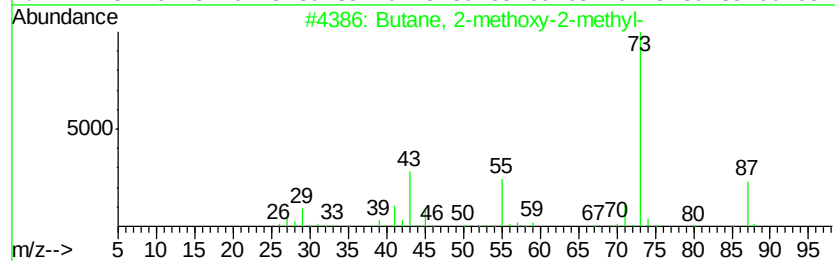
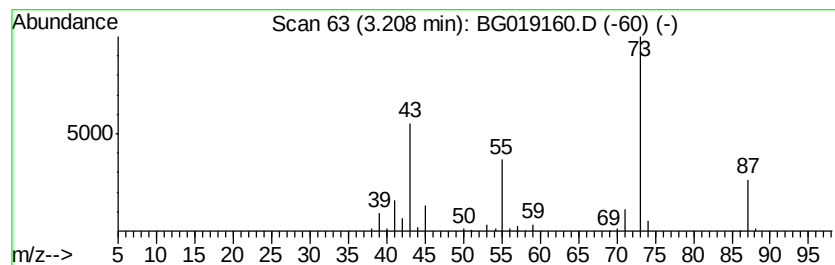
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
3.21	40.52 ng	246939	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	78
2		3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	45
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4		Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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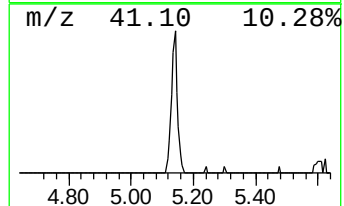
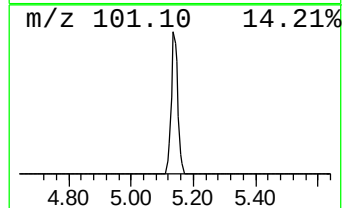
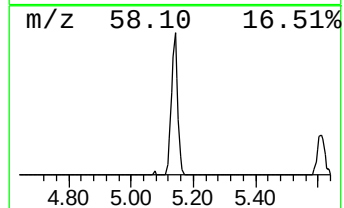
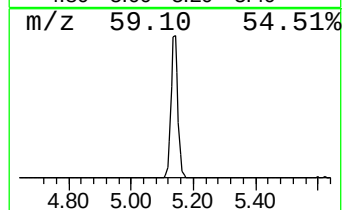
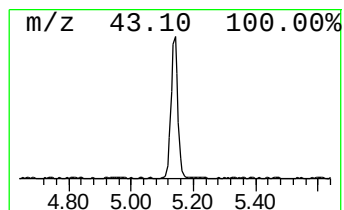
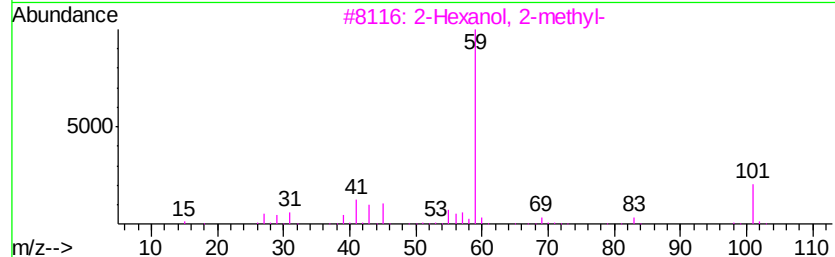
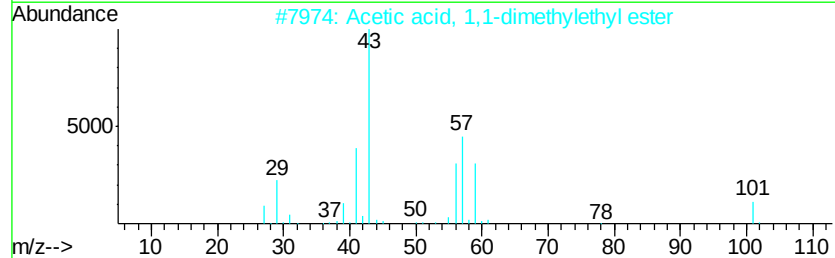
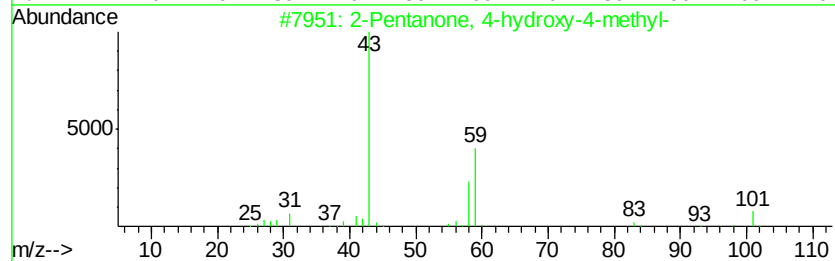
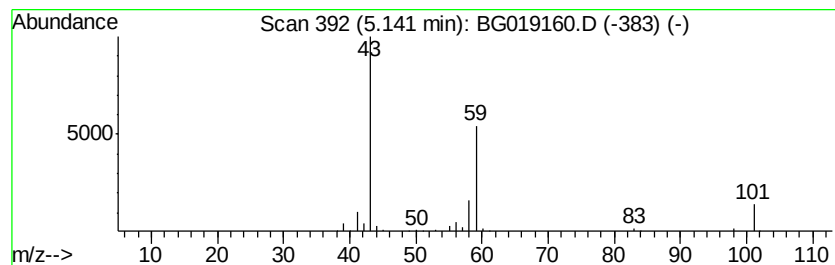
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	17.81 ng	108555	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	32
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5		5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9



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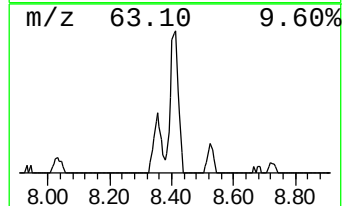
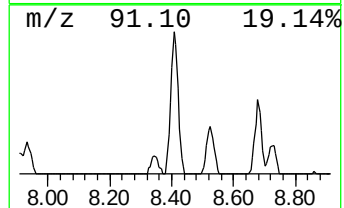
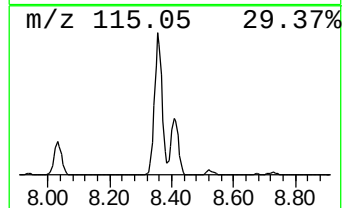
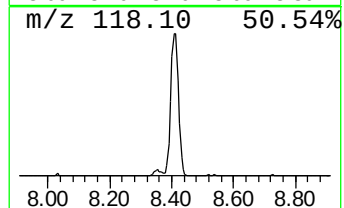
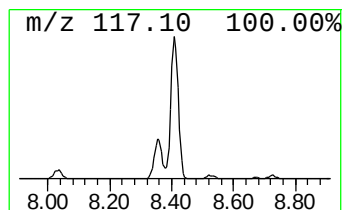
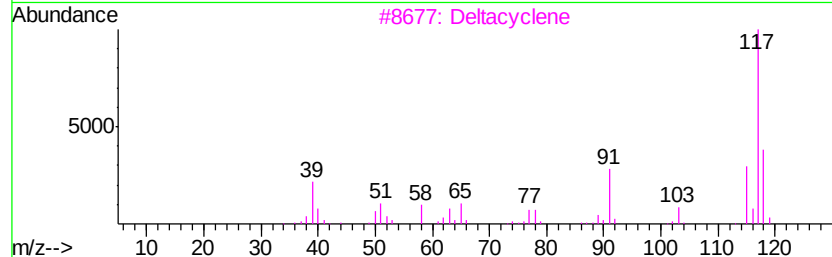
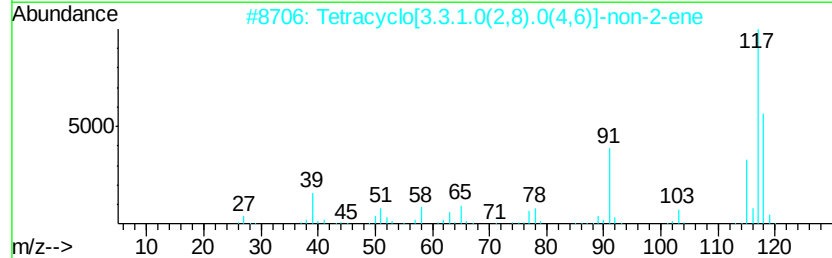
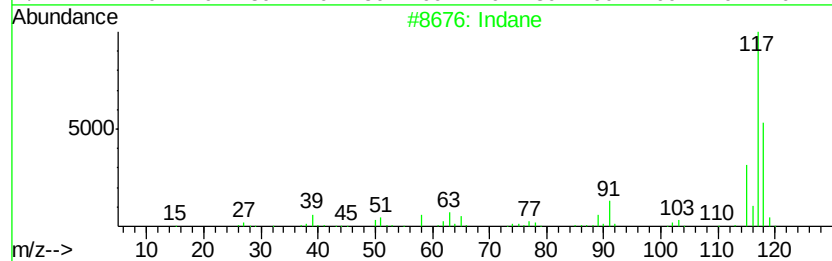
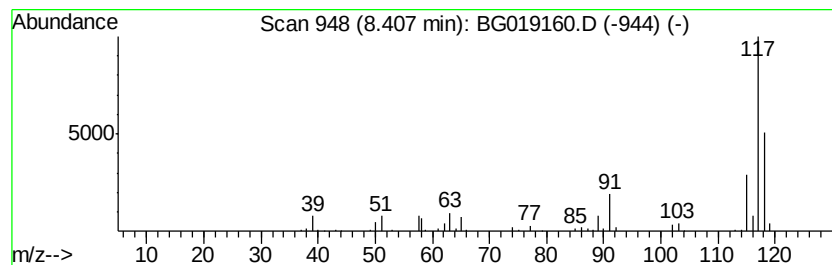
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Peak Number 6 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	30.71 ng	187161	1,4-Dichlorobenzene-d4	8.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...		118	C9H10	1000191-13-7	72
3	Deltacyclene		118	C9H10	007785-10-6	64
4	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	60
5	Bicyclo[4.2.0]octa-1,3,5-triene,...		118	C9H10	055337-80-9	60



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019160.D
Acq On : 12 Oct 2015 13:40
Operator : UM/NP
Sample : G3989-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C5-GW

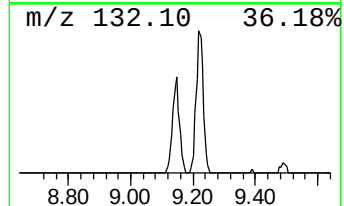
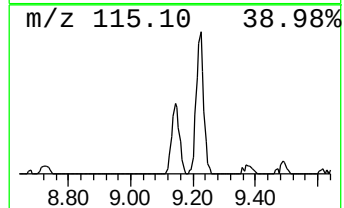
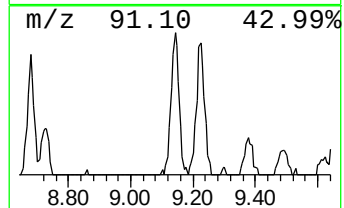
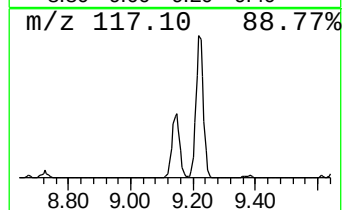
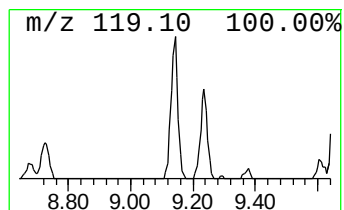
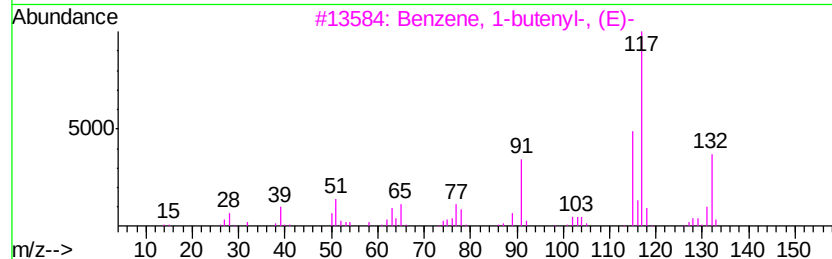
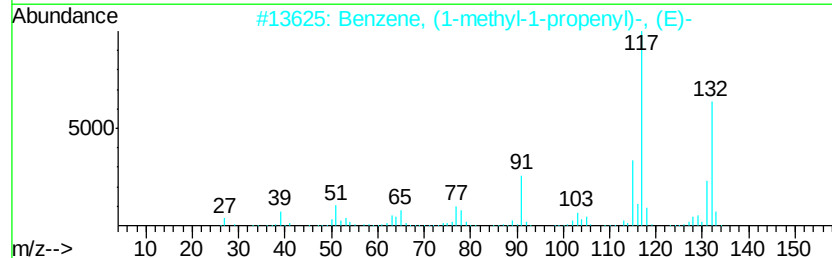
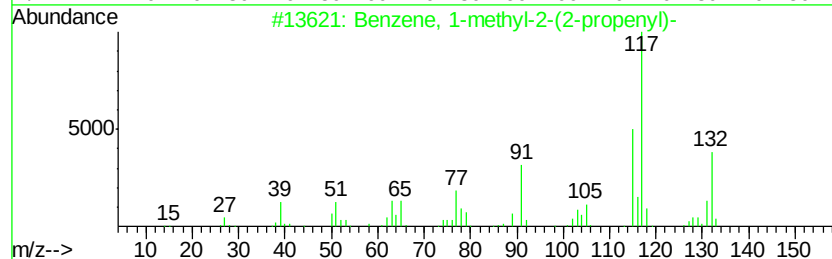
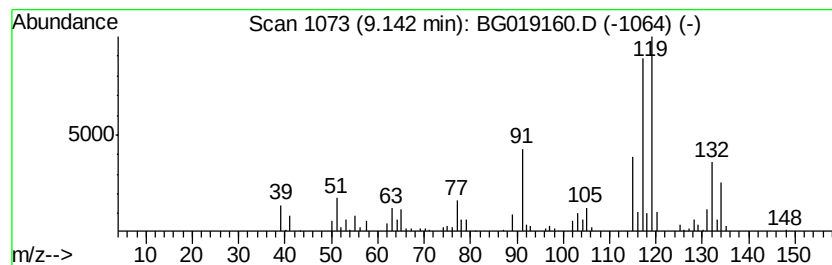
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-methyl-2-(2-propenyl) Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	19.36 ng	117989	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
2		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	92
3		Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	92
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019160.D
Acq On : 12 Oct 2015 13:40
Operator : UM/NP
Sample : G3989-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

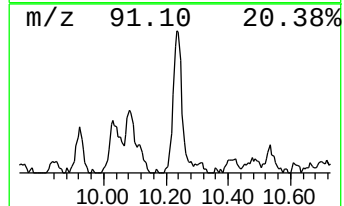
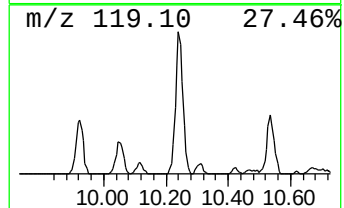
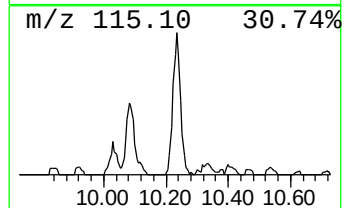
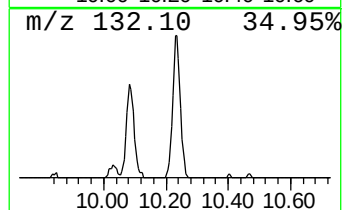
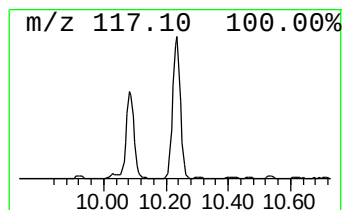
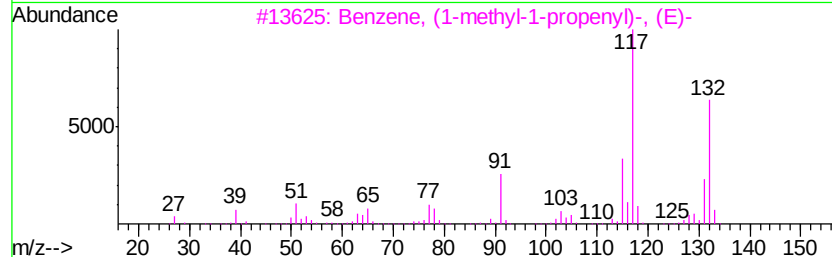
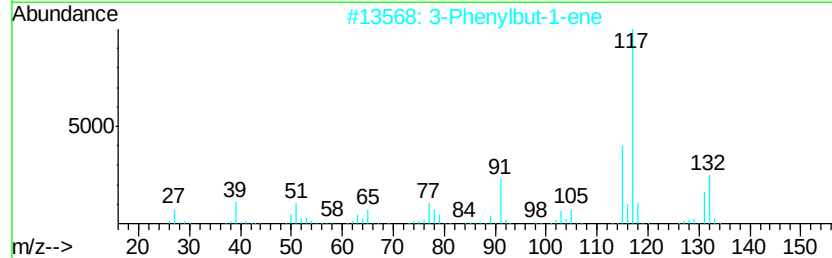
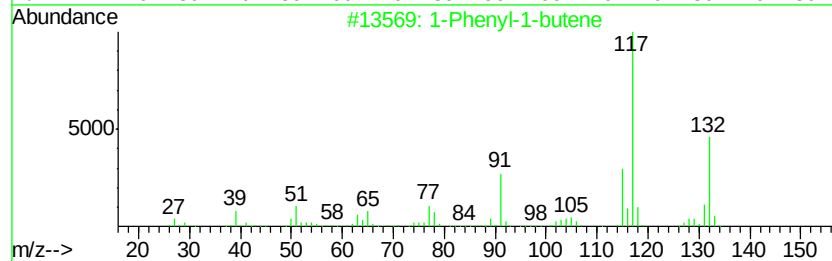
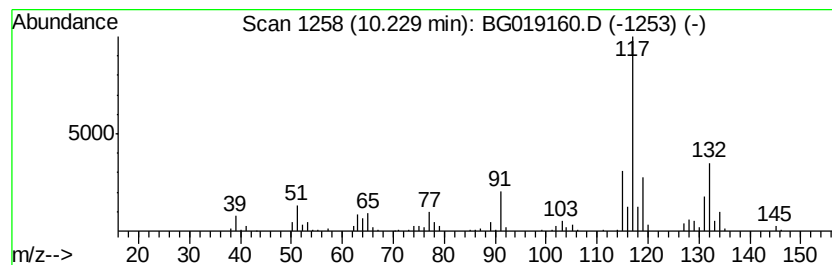
Instrument :
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ClientSampleId :
OW1-C5-GW

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 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	12.60 ng	212287	Napthalene-d8	10.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Phenyl-1-butene	132 C10H12	000824-90-8 93
2		3-Phenylbut-1-ene	132 C10H12	000934-10-1 93
3		Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3 76
4		1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1 76
5		1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6 70



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019160.D
Acq On : 12 Oct 2015 13:40
Operator : UM/NP
Sample : G3989-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C5-GW

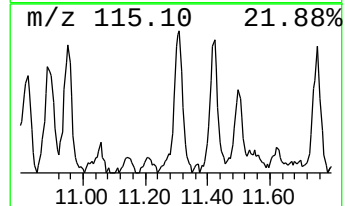
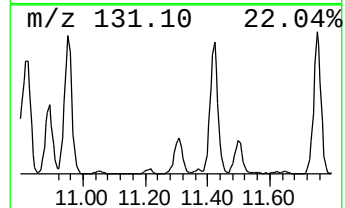
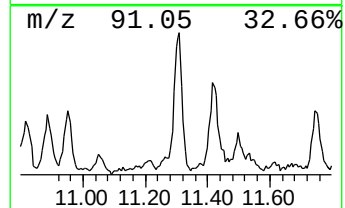
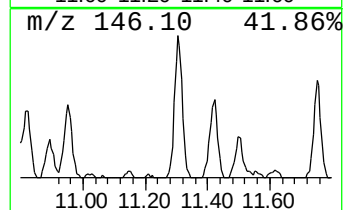
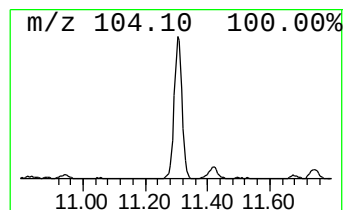
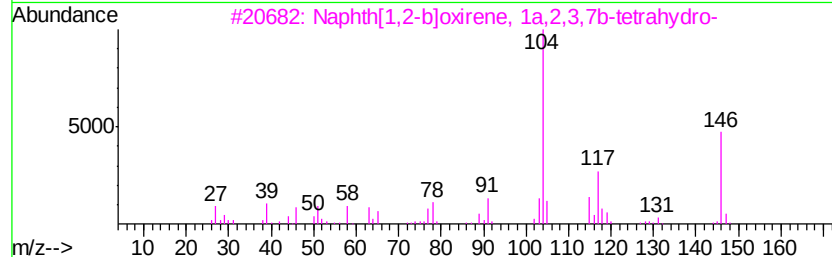
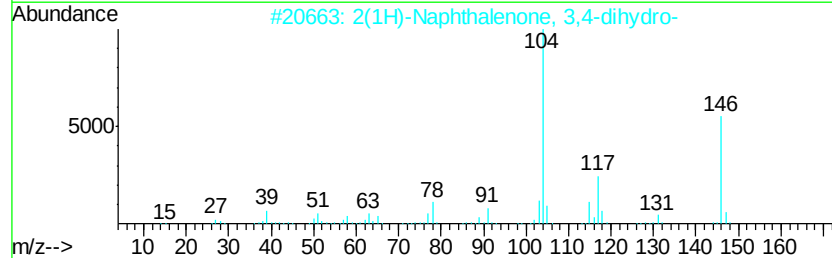
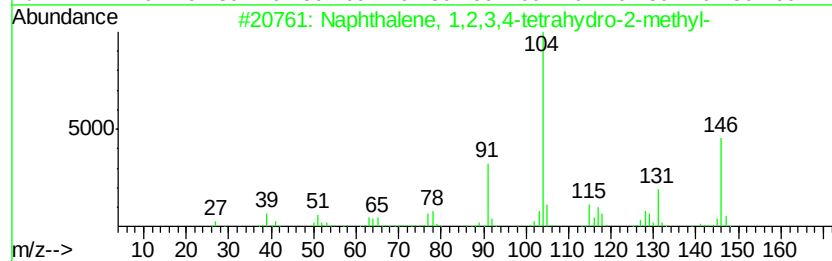
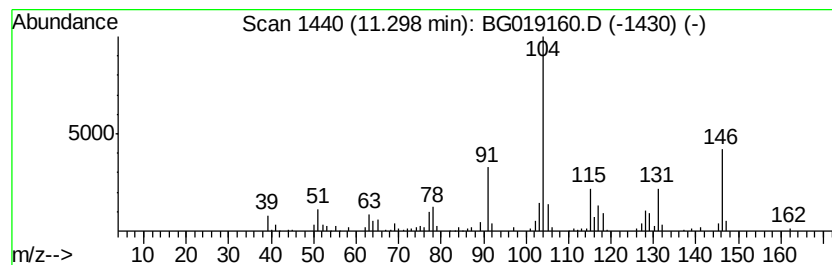
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	15.17 ng	255682	Naphthalene-d8	10.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	50
4		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	47
5		Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019160.D
Acq On : 12 Oct 2015 13:40
Operator : UM/NP
Sample : G3989-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C5-GW

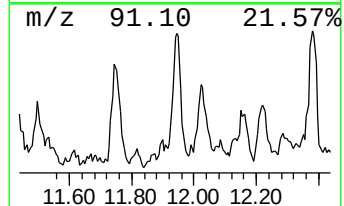
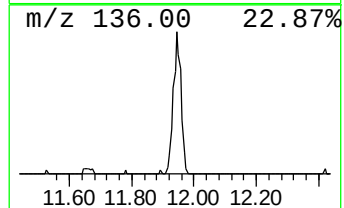
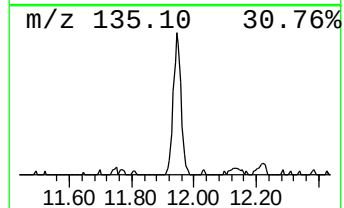
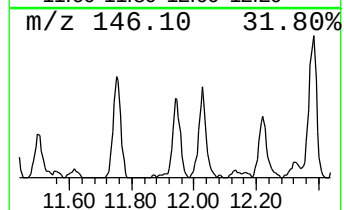
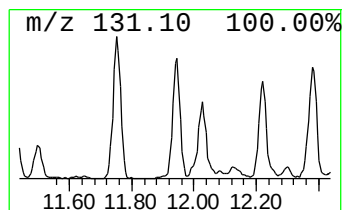
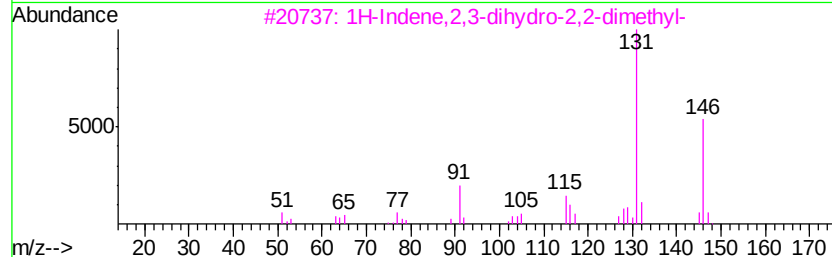
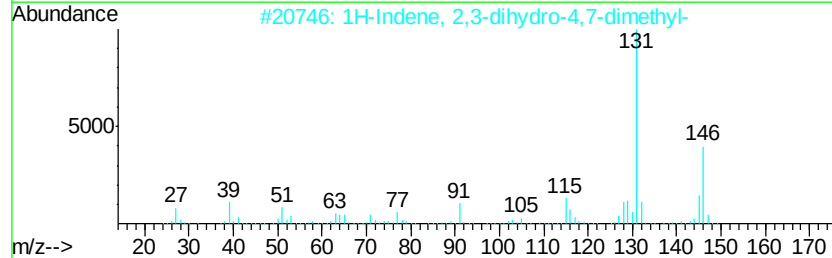
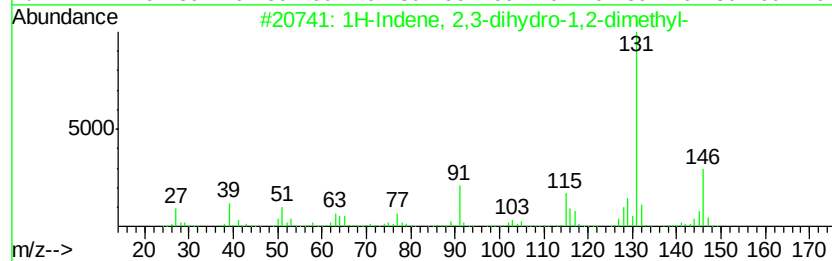
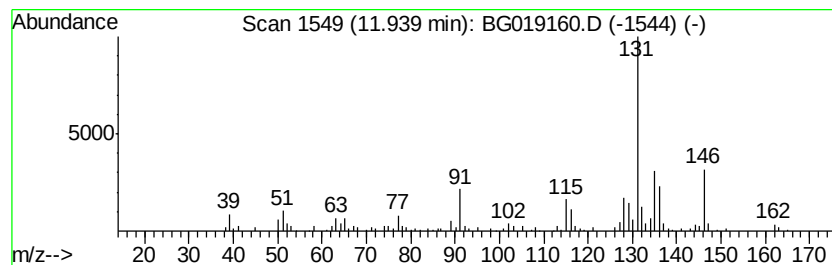
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	10.49 ng	176776	Naphthalene-d8	10.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
3		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	76
4		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	76
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019160.D
Acq On : 12 Oct 2015 13:40
Operator : UM/NP
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Misc :
ALS Vial : 51 Sample Multiplier: 1

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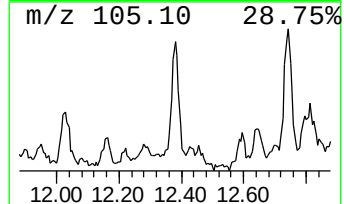
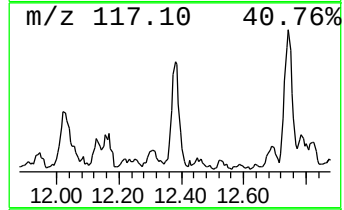
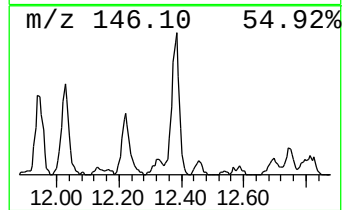
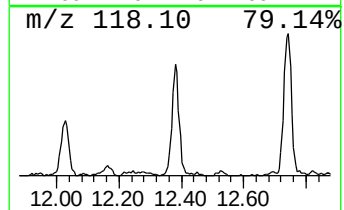
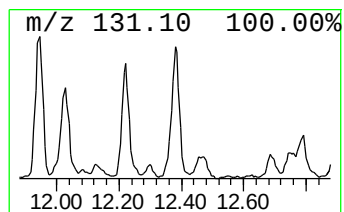
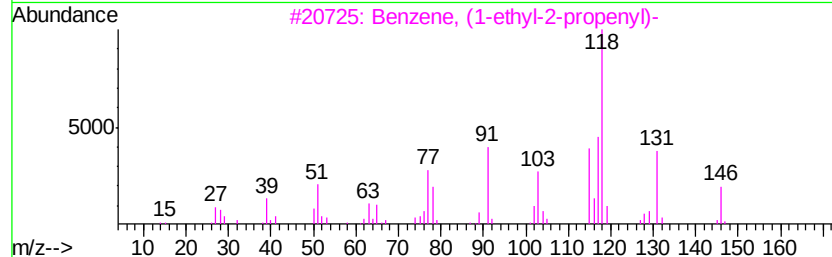
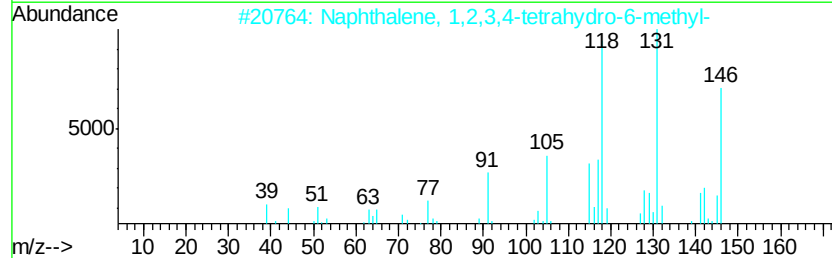
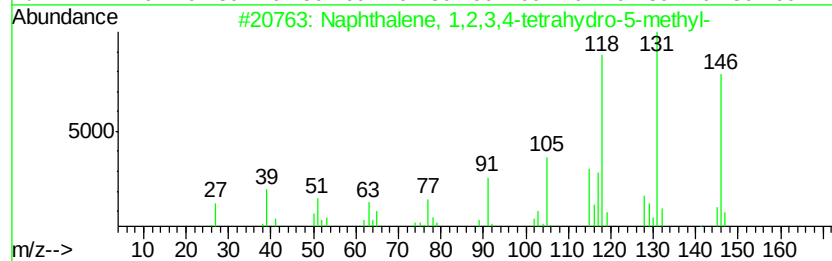
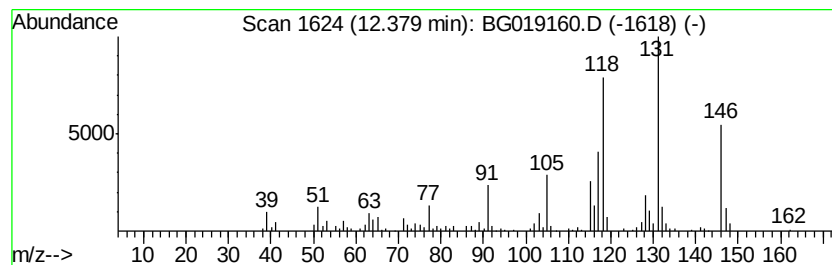
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	10.96 ng	184637	Naphthalene-d8	10.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	72
5		1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	60



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019160.D
Acq On : 12 Oct 2015 13:40
Operator : UM/NP
Sample : G3989-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C5-GW

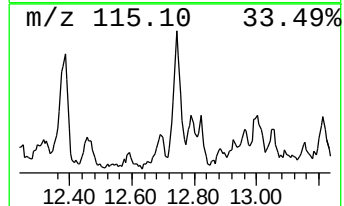
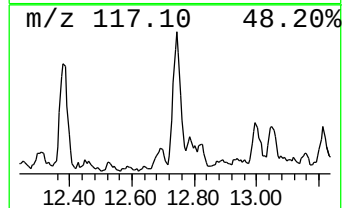
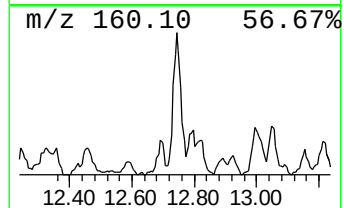
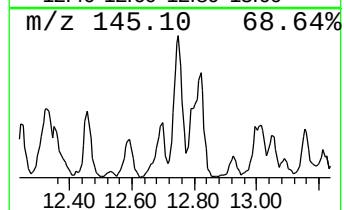
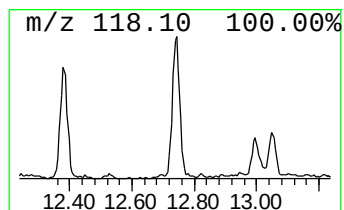
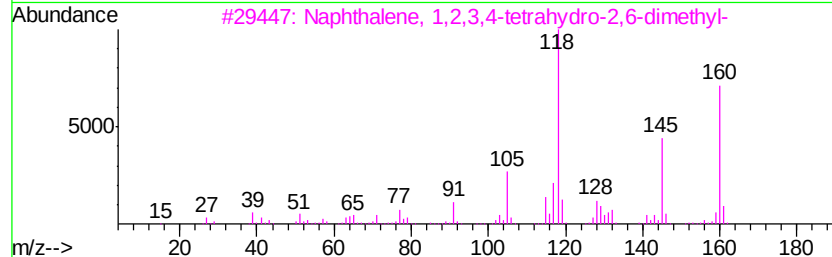
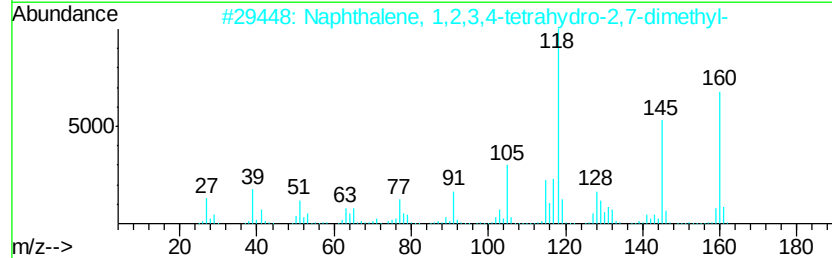
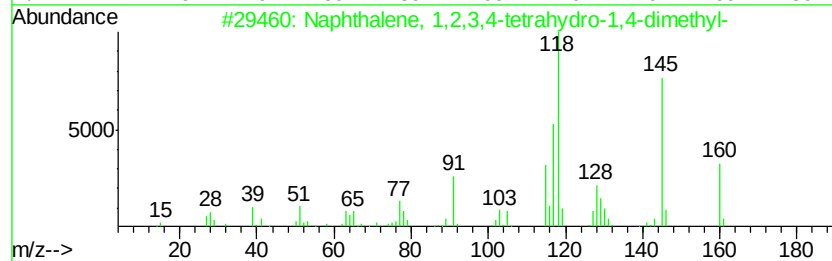
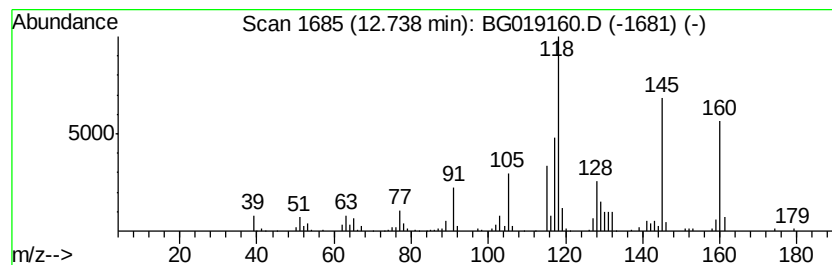
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	10.01 ng	168717	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	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	60
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	50
4		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	43
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	41



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
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Operator : UM/NP
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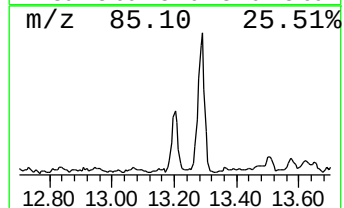
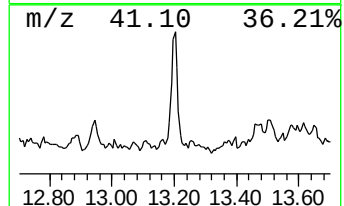
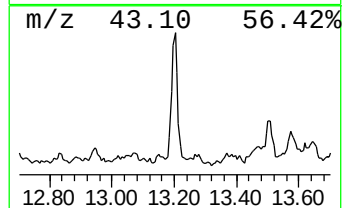
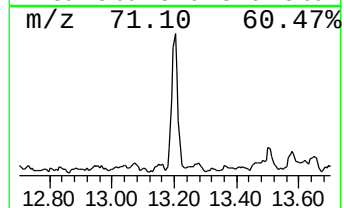
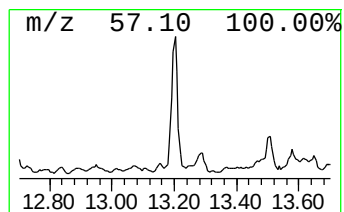
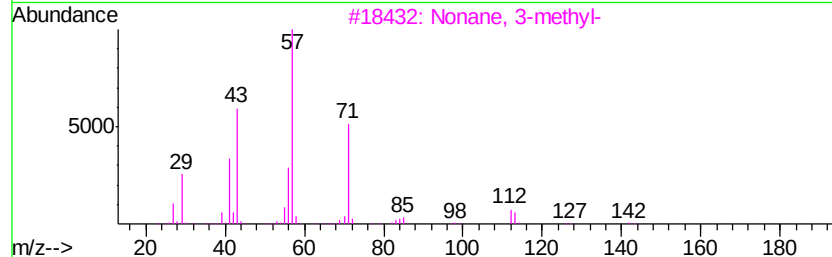
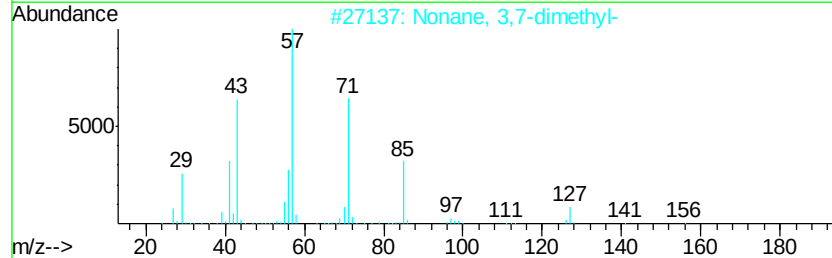
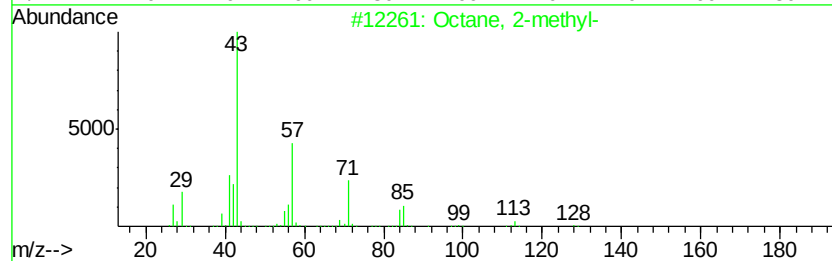
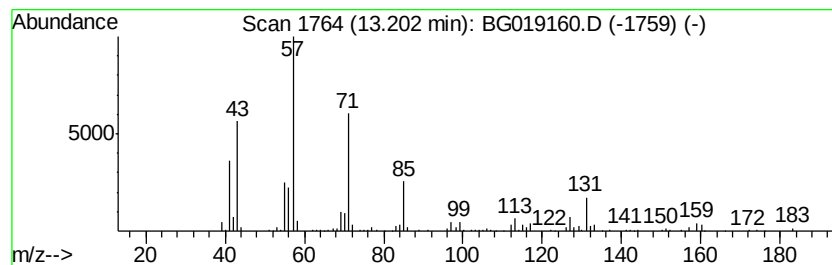
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ClientSampleId :
OW1-C5-GW

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 13 Octane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	10.32 ng	212592	Acenaphthene-d10	14.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 2-methyl-	128 C9H20	003221-61-2 64
2		Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8 64
3		Nonane, 3-methyl-	142 C10H22	005911-04-6 58
4		Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4 53
5		Nonane, 3-methyl-5-propyl-	184 C13H28	031081-18-2 53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019160.D
Acq On : 12 Oct 2015 13:40
Operator : UM/NP
Sample : G3989-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

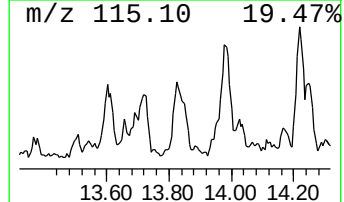
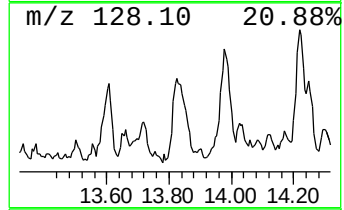
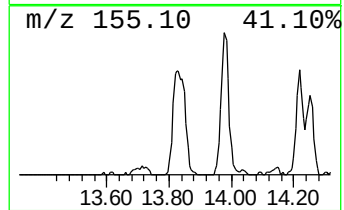
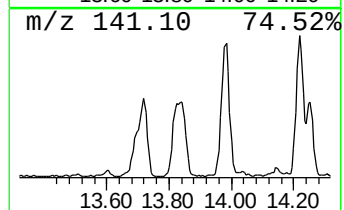
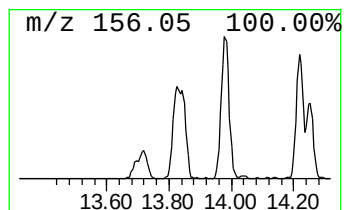
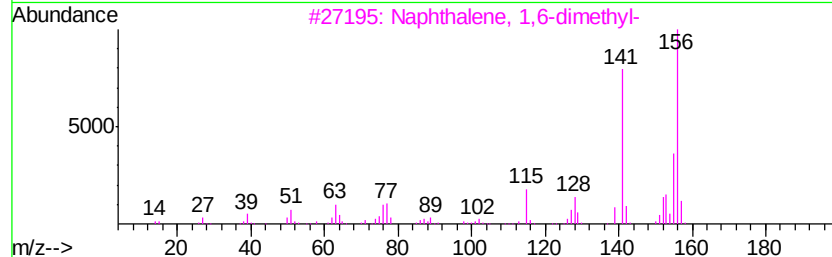
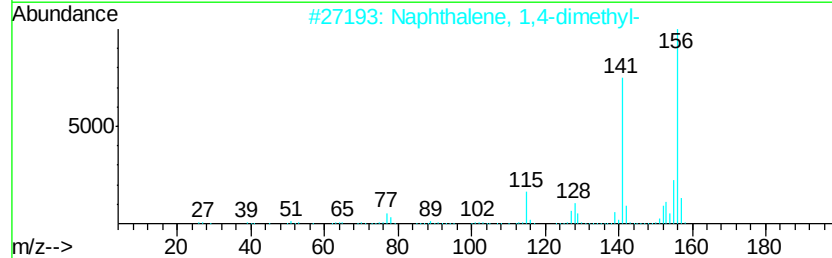
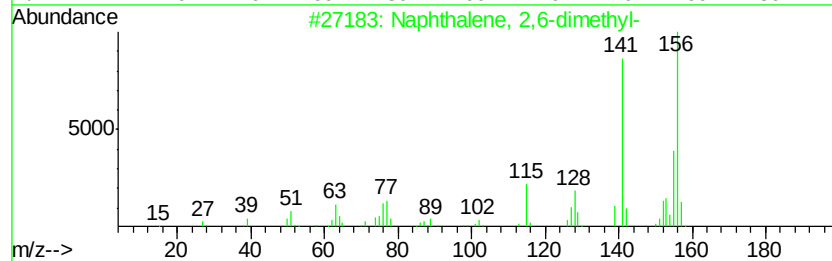
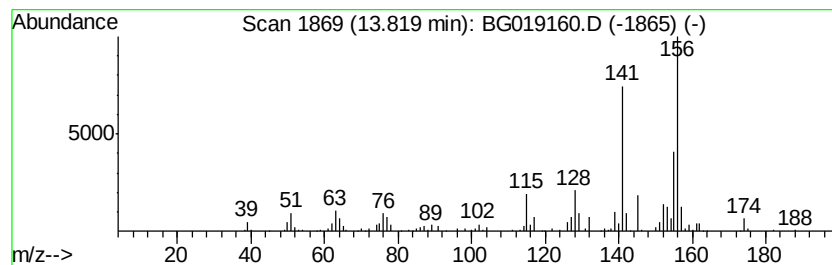
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ClientSampleId :
OW1-C5-GW

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, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.82	11.98 ng	246799	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, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019160.D
Acq On : 12 Oct 2015 13:40
Operator : UM/NP
Sample : G3989-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C5-GW

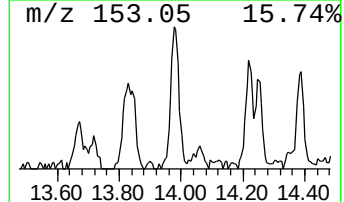
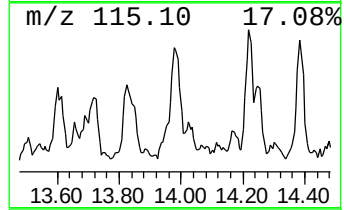
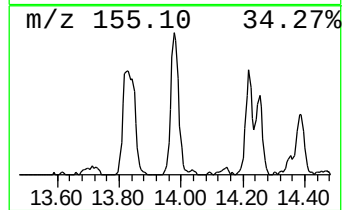
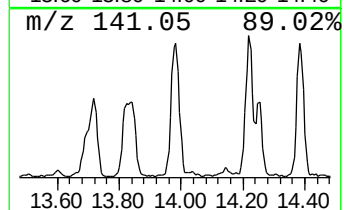
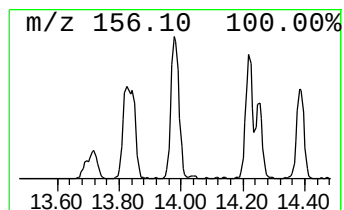
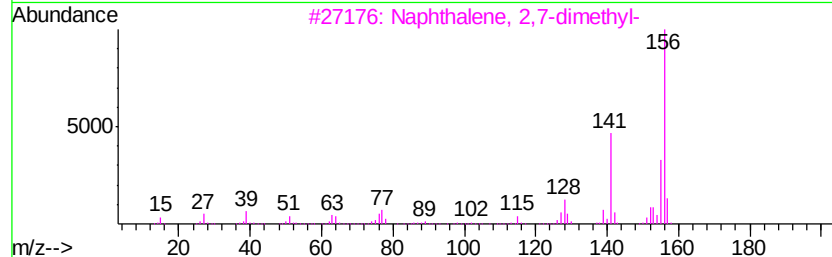
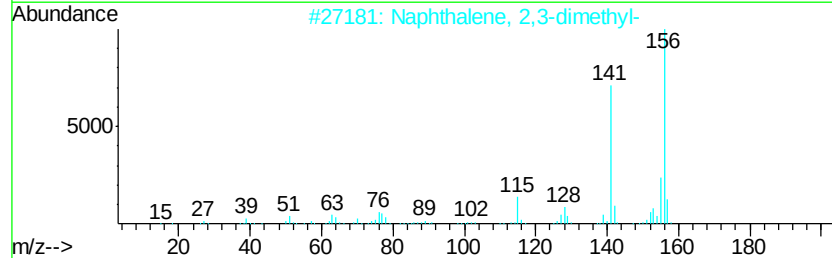
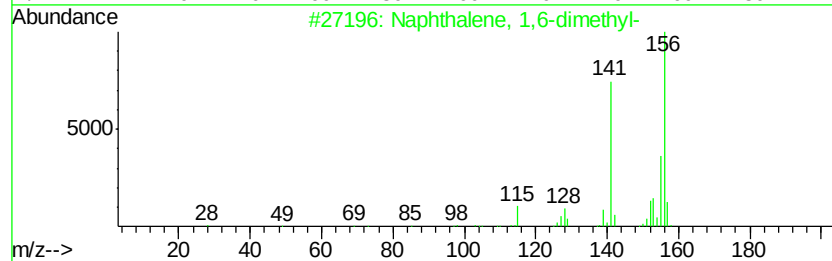
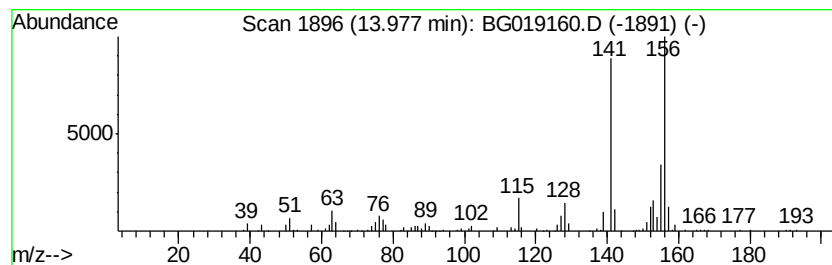
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	10.77 ng	221724	Acenaphthene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019160.D
Acq On : 12 Oct 2015 13:40
Operator : UM/NP
Sample : G3989-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C5-GW

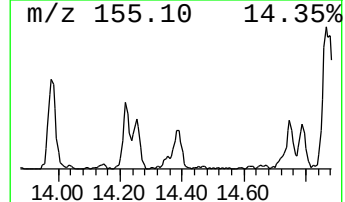
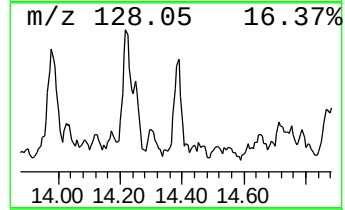
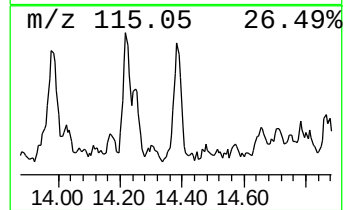
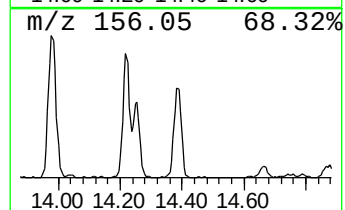
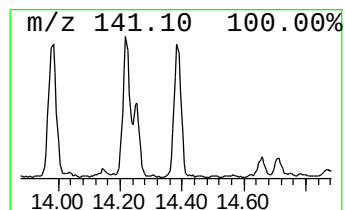
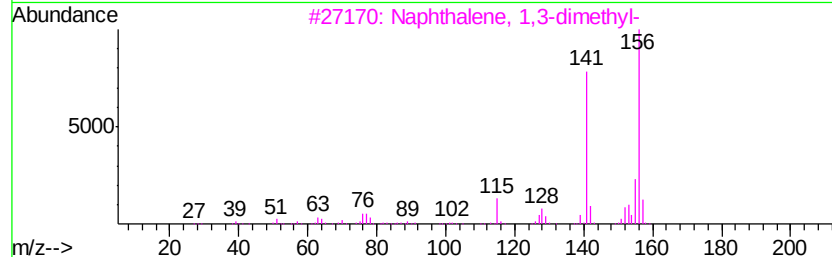
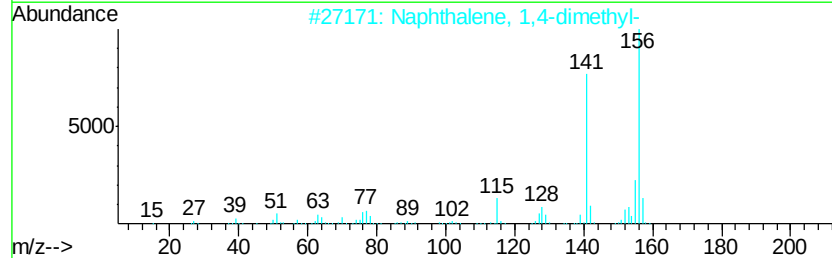
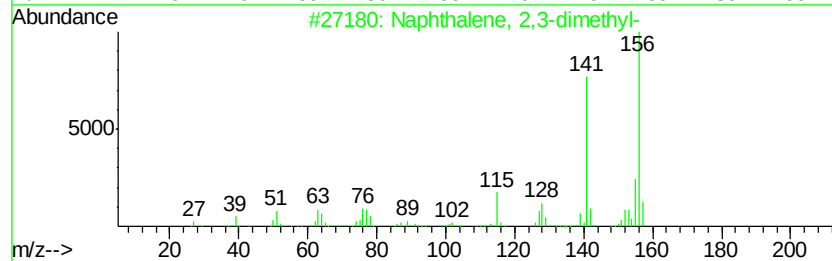
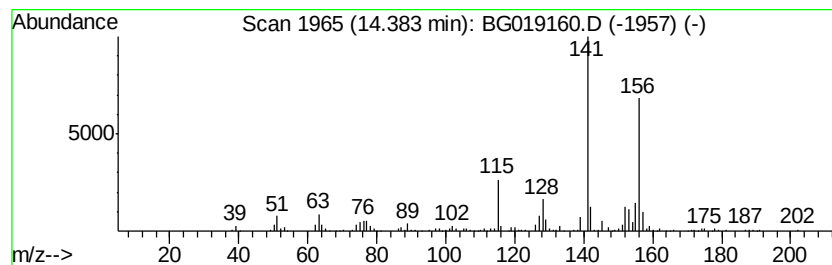
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	10.49 ng	215985	Acenaphthene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019160.D
Acq On : 12 Oct 2015 13:40
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Misc :
ALS Vial : 51 Sample Multiplier: 1

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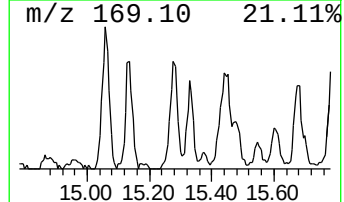
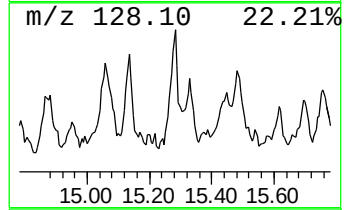
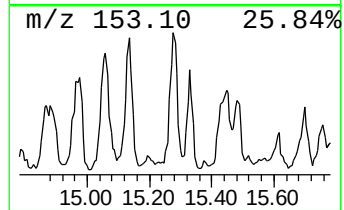
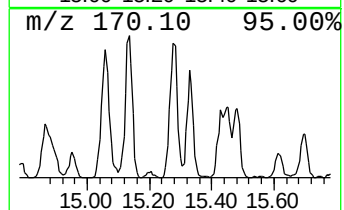
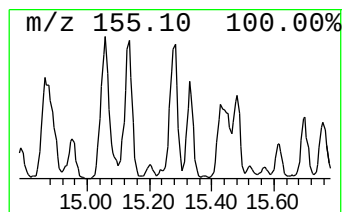
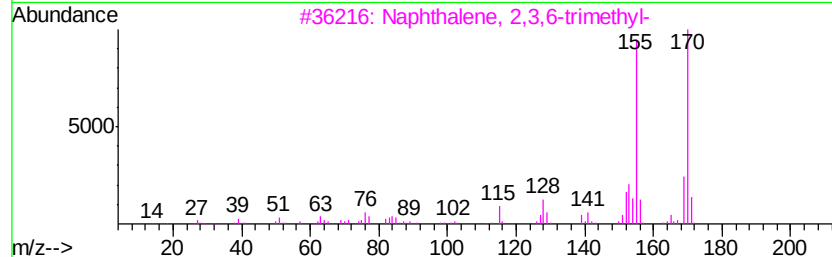
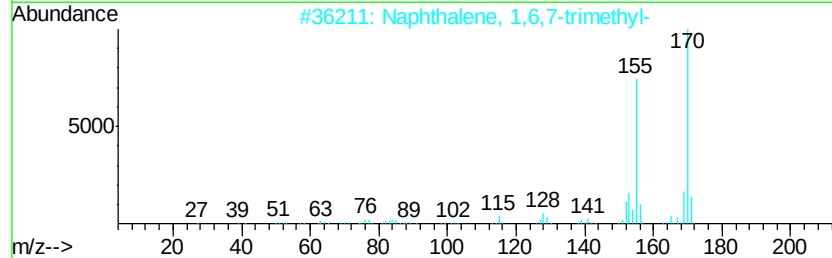
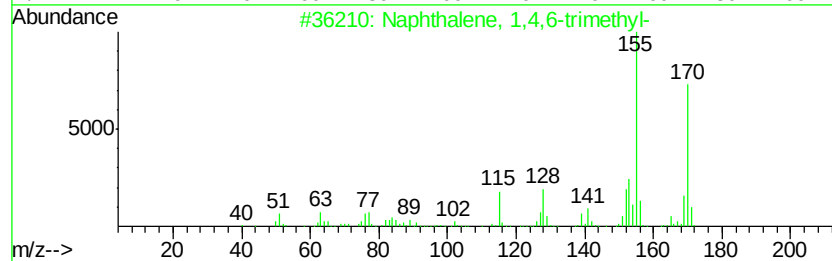
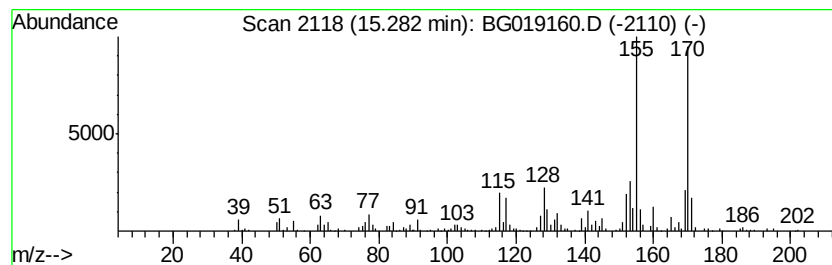
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	12.58 ng	259020	Acenaphthene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019160.D
Acq On : 12 Oct 2015 13:40
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Sample : G3989-03
Misc :
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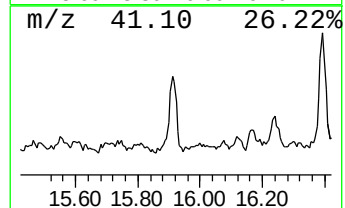
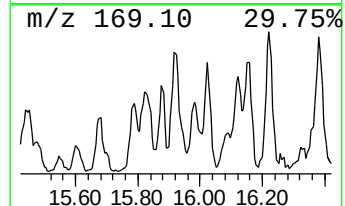
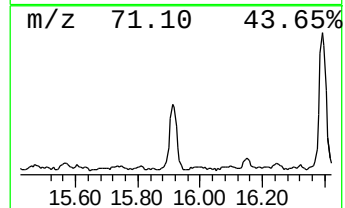
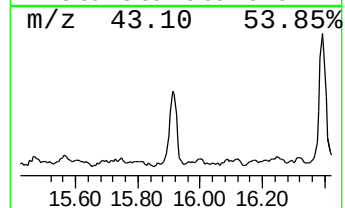
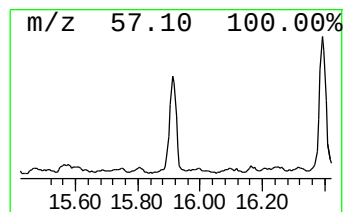
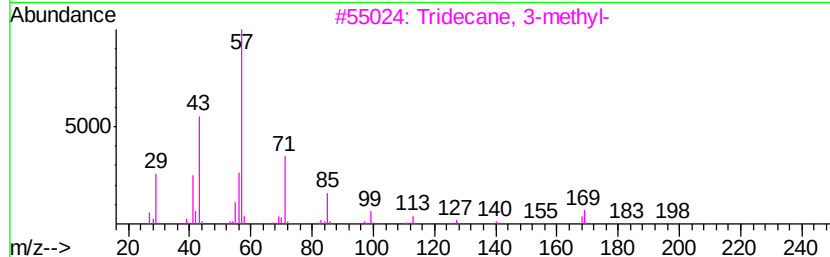
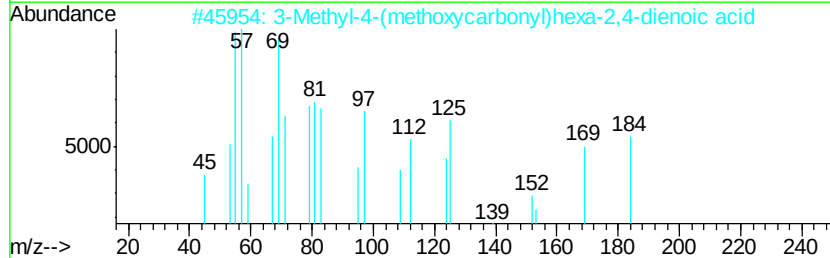
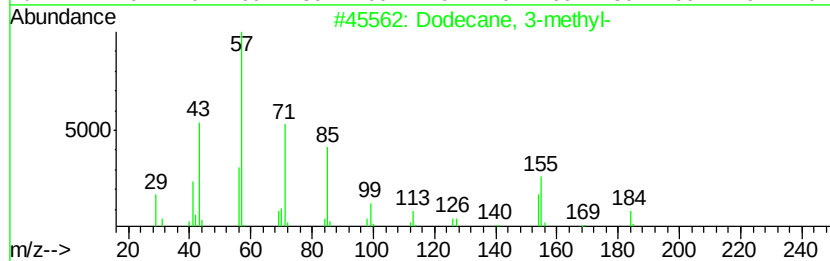
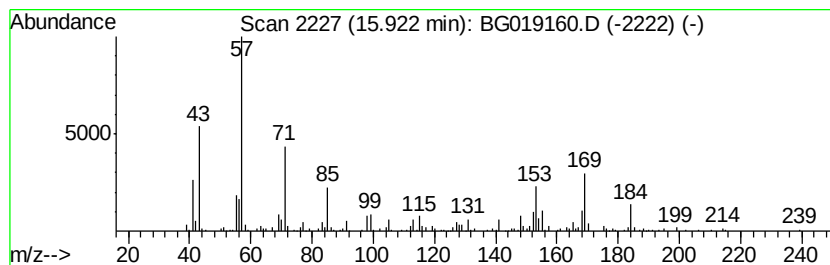
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	12.18 ng	250893	Acenaphthene-d10	14.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 3-methyl-	184 C13H28	017312-57-1	64
2	3-Methyl-4-(methoxycarbonyl)hexa...	184 C9H12O4	1000104-10-8	55
3	Tridecane, 3-methyl-	198 C14H30	006418-41-3	53
4	Tetradecane, 2,5-dimethyl-	226 C16H34	056292-69-4	50
5	Pentadecane	212 C15H32	000629-62-9	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
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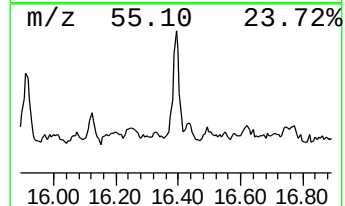
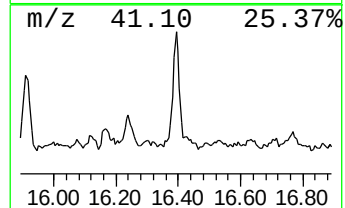
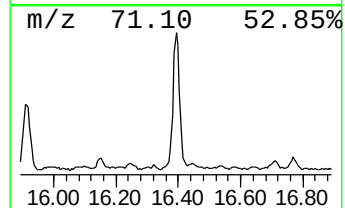
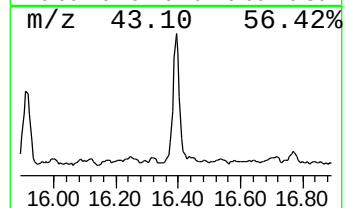
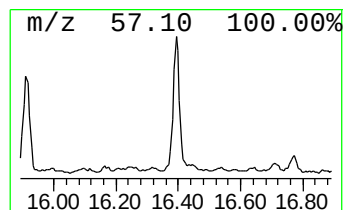
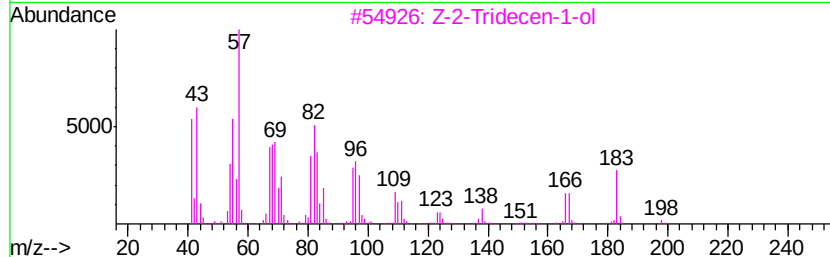
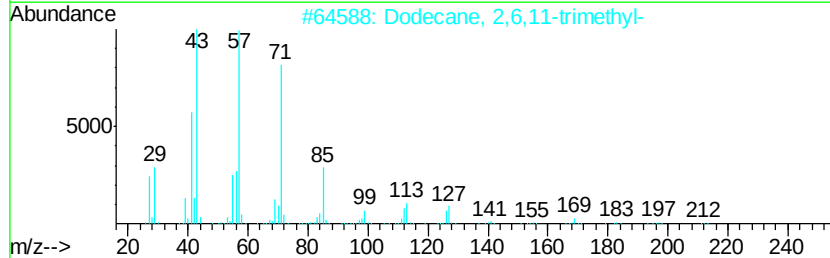
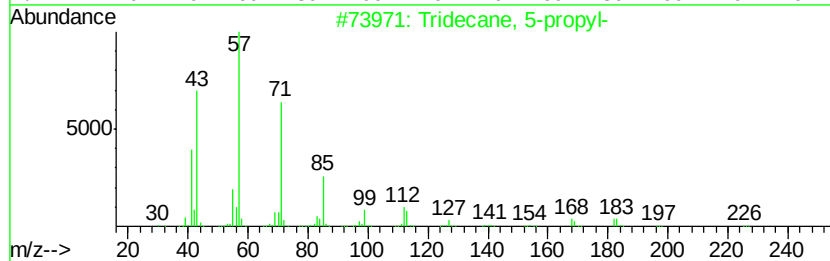
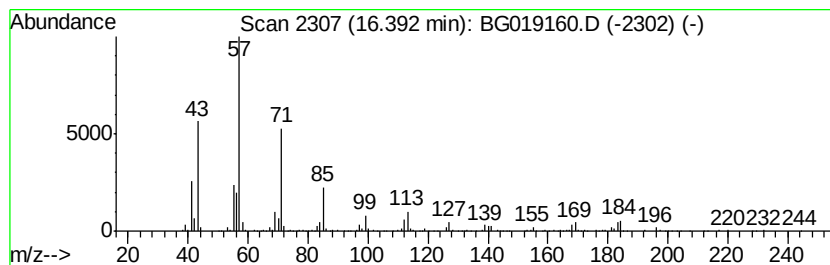
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	24.85 ng	484982	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	70
3		Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	60
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019160.D
Acq On : 12 Oct 2015 13:40
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Misc :
ALS Vial : 51 Sample Multiplier: 1

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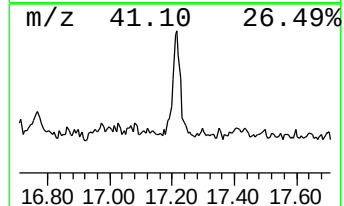
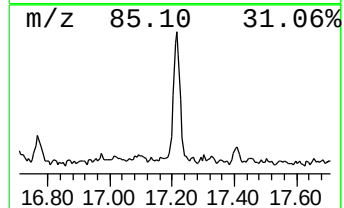
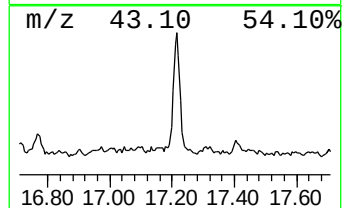
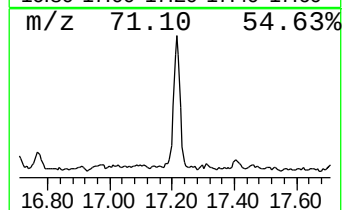
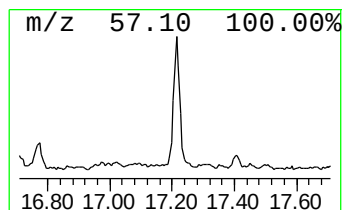
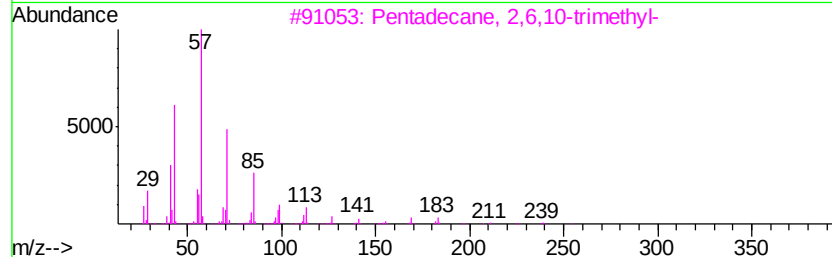
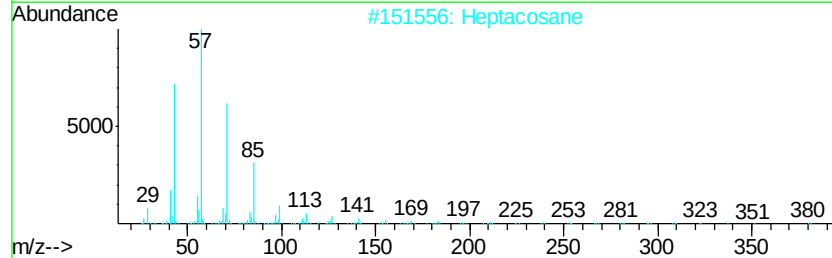
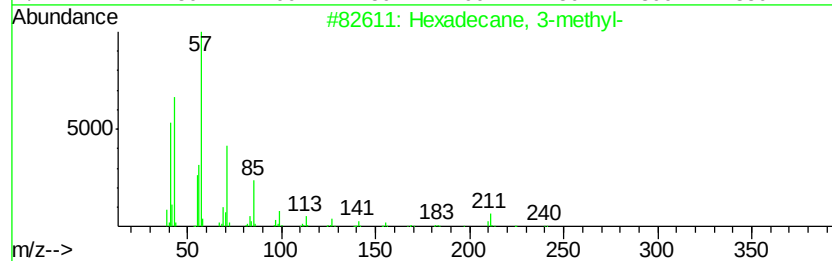
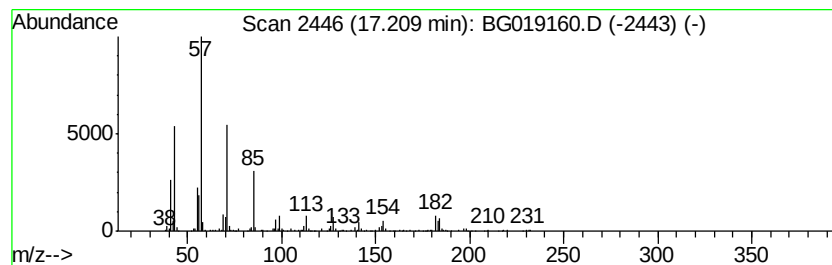
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	16.74 ng	326669	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81
2		Heptacosane	380	C27H56	000593-49-7	72
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	60
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
 Data File : BG019160.D
 Acq On : 12 Oct 2015 13:40
 Operator : UM/NP
 Sample : G3989-03
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C5-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...	3.21	40.5	ng	246939	1	8.03	121881	20.0
2-Pentanone, 4-hy...	5.14	17.8	ng	108555	1	8.03	121881	20.0
Indane	8.41	30.7	ng	187161	1	8.03	121881	20.0
Benzene, 1-methyl...	9.14	19.4	ng	117989	1	8.03	121881	20.0
1-Phenyl-1-butene	10.23	12.6	ng	212287	2	10.84	337062	20.0
Naphthalene, 1,2,...	11.30	15.2	ng	255682	2	10.84	337062	20.0
1H-Indene, 2,3-di...	11.94	10.5	ng	176776	2	10.84	337062	20.0
Naphthalene, 1,2,...	12.38	11.0	ng	184637	2	10.84	337062	20.0
Naphthalene, 1,2,...	12.74	10.0	ng	168717	2	10.84	337062	20.0
Octane, 2-methyl-	13.20	10.3	ng	212592	3	14.66	411922	20.0
Naphthalene, 2,6-...	13.82	12.0	ng	246799	3	14.66	411922	20.0
Naphthalene, 1,6-...	13.98	10.8	ng	221724	3	14.66	411922	20.0
Naphthalene, 2,3-...	14.38	10.5	ng	215985	3	14.66	411922	20.0
Naphthalene, 1,4,...	15.28	12.6	ng	259020	3	14.66	411922	20.0
Dodecane, 3-methyl-	15.92	12.2	ng	250893	3	14.66	411922	20.0
Tridecane, 5-propyl-	16.39	24.9	ng	484982	4	17.41	390376	20.0
Hexadecane, 3-met...	17.21	16.7	ng	326669	4	17.41	390376	20.0