

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
 Data File : BG019159.D
 Acq On : 12 Oct 2015 13:02
 Operator : UM/NP
 Sample : G3989-02
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C4-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	3.145	45	52	60	rBV	52142	96029	5.16%	0.544%
2	3.215	60	64	78	rVB	210771	288967	15.54%	1.638%
3	5.137	385	391	399	rVB	81539	120215	6.46%	0.681%
4	5.607	463	471	479	rBV	179408	278258	14.96%	1.577%
5	6.523	621	627	633	rBV	15103	23838	1.28%	0.135%
6	7.199	734	742	753	rBV	127796	211898	11.40%	1.201%
7	7.569	797	805	812	rBV	335481	570337	30.67%	3.232%
8	7.933	863	867	874	rVB	14117	21735	1.17%	0.123%
9	8.033	874	884	890	rBV	75171	125384	6.74%	0.711%
10	8.357	932	939	945	rBV	307859	524726	28.22%	2.974%
11	8.527	961	968	974	rVB	45569	69671	3.75%	0.395%
12	8.727	997	1002	1009	rVB2	20772	30821	1.66%	0.175%
13	9.144	1066	1073	1076	rBV2	112860	188401	10.13%	1.068%
14	9.197	1076	1082	1095	rVB2	299351	754035	40.55%	4.273%
15	9.661	1156	1161	1169	rVB	76808	128563	6.91%	0.729%
16	9.925	1200	1206	1211	rVB	15054	24156	1.30%	0.137%
17	10.031	1216	1224	1228	rBV2	33897	63044	3.39%	0.357%
18	10.084	1228	1233	1244	rVB	80195	154828	8.33%	0.877%
19	10.237	1251	1259	1266	rVB2	274744	483549	26.00%	2.740%
20	10.536	1305	1310	1320	rBV2	19770	40282	2.17%	0.228%
21	10.754	1342	1347	1350	rVV3	25053	42474	2.28%	0.241%
22	10.836	1350	1361	1366	rVV2	136487	380823	20.48%	2.158%
23	10.889	1366	1370	1375	rVV3	59100	113396	6.10%	0.643%
24	10.953	1375	1381	1389	rVB	83557	143981	7.74%	0.816%
25	11.053	1389	1398	1403	rBV3	27260	45115	2.43%	0.256%
26	11.206	1418	1424	1430	rBV4	16514	30958	1.66%	0.175%
27	11.306	1430	1441	1452	rVB	110120	206241	11.09%	1.169%
28	11.418	1454	1460	1465	rBV	83293	151326	8.14%	0.858%
29	11.500	1469	1474	1480	rVV	53360	98585	5.30%	0.559%
30	11.565	1481	1485	1489	rVV5	12493	23199	1.25%	0.131%
31	11.753	1510	1517	1523	rVB	88498	156391	8.41%	0.886%
32	11.946	1542	1550	1555	rBV	99217	170383	9.16%	0.966%
33	12.029	1555	1564	1572	rBV	73843	145268	7.81%	0.823%
34	12.158	1582	1586	1592	rVB	29579	50844	2.73%	0.288%

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35	12.217	1592	1596	1605	rVV2	54886	105370	5.67%	0.597%
36	12.328	1605	1615	1617	rVV5	19859	55541	2.99%	0.315%
37	12.381	1617	1624	1632	rVV	199618	340842	18.33%	1.932%
38	12.458	1632	1637	1644	rVB3	23860	44757	2.41%	0.254%
39	12.698	1672	1678	1681	rBV3	23752	45160	2.43%	0.256%
40	12.745	1681	1686	1690	rVV2	72182	137850	7.41%	0.781%
41	12.792	1690	1694	1704	rVB5	41434	114174	6.14%	0.647%
42	12.881	1704	1709	1713	rBV6	15424	27768	1.49%	0.157%
43	12.998	1724	1729	1735	rVV4	28523	55792	3.00%	0.316%
44	13.051	1735	1738	1742	rVB3	17168	20784	1.12%	0.118%
45	13.210	1760	1765	1770	rVB2	29316	48880	2.63%	0.277%
46	13.286	1771	1778	1784	rVB	822259	1262386	67.89%	7.154%
47	13.374	1789	1793	1798	rBV4	14091	22353	1.20%	0.127%
48	13.503	1810	1815	1818	rBV3	17701	26531	1.43%	0.150%
49	13.603	1826	1832	1838	rBV4	68446	144087	7.75%	0.817%
50	13.662	1838	1842	1844	rBV4	23460	33594	1.81%	0.190%
51	13.691	1844	1847	1849	rBV2	26562	34939	1.88%	0.198%
52	13.827	1862	1870	1871	rBV2	162653	249401	13.41%	1.413%
53	13.979	1886	1896	1902	rVV	235539	490694	26.39%	2.781%
54	14.026	1902	1904	1907	rVV2	30715	39945	2.15%	0.226%
55	14.056	1907	1909	1913	rVB4	20160	25172	1.35%	0.143%
56	14.220	1932	1937	1940	rVV	163235	256139	13.77%	1.452%
57	14.250	1940	1942	1948	rVB	88355	111511	6.00%	0.632%
58	14.385	1956	1965	1974	rBV	118368	195446	10.51%	1.108%
59	14.473	1974	1980	1983	rBV8	11196	23228	1.25%	0.132%
60	14.661	2005	2012	2018	rBV2	229607	406470	21.86%	2.303%
61	14.726	2018	2023	2031	rVB4	72531	159969	8.60%	0.907%
62	14.867	2042	2047	2056	rVB3	40856	107258	5.77%	0.608%
63	14.955	2057	2062	2063	rBV2	16603	23622	1.27%	0.134%
64	15.055	2073	2079	2087	rVB	109526	195468	10.51%	1.108%
65	15.131	2088	2092	2099	rVB	59974	87351	4.70%	0.495%
66	15.278	2109	2117	2121	rBV3	67289	130586	7.02%	0.740%
67	15.331	2122	2126	2130	rVB	43303	61677	3.32%	0.350%
68	15.448	2139	2146	2149	rBV3	52188	116744	6.28%	0.662%
69	15.478	2149	2151	2160	rVB4	63442	97331	5.23%	0.552%
70	15.701	2184	2189	2194	rBV2	113763	193650	10.41%	1.097%
71	15.754	2196	2198	2202	rVB2	21858	28495	1.53%	0.161%

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72	15.830	2203	2211	2216	rBV2	137546	273278	14.70%	1.549%
73	15.918	2222	2226	2229	rBV4	28900	35646	1.92%	0.202%
74	16.147	2259	2265	2276	rVB	745322	1196109	64.33%	6.778%
75	16.382	2300	2305	2313	rVB4	54926	107338	5.77%	0.608%
76	16.617	2341	2345	2350	rVB2	39439	53049	2.85%	0.301%
77	16.764	2365	2370	2375	rBV2	57887	93536	5.03%	0.530%
78	16.852	2383	2385	2392	rVB6	16691	23241	1.25%	0.132%
79	17.087	2422	2425	2433	rVB3	47182	68294	3.67%	0.387%
80	17.223	2443	2448	2456	rVB4	30093	62323	3.35%	0.353%
81	17.405	2474	2479	2484	rBV2	255778	391563	21.06%	2.219%
82	17.446	2484	2486	2491	rVB	48375	59018	3.17%	0.334%
83	17.505	2493	2496	2500	rVB5	17096	21193	1.14%	0.120%
84	17.604	2509	2513	2519	rVB4	25017	38960	2.10%	0.221%
85	17.898	2560	2563	2570	rVB8	23019	32077	1.73%	0.182%
86	18.045	2586	2588	2596	rVB7	19880	36915	1.99%	0.209%
87	18.304	2626	2632	2640	rVB2	88238	158234	8.51%	0.897%
88	18.580	2675	2679	2684	rVB	32182	45166	2.43%	0.256%
89	18.721	2698	2703	2711	rVB2	100691	204131	10.98%	1.157%
90	19.026	2751	2755	2758	rBV3	29322	45163	2.43%	0.256%
91	19.056	2758	2760	2764	rVB	28567	32529	1.75%	0.184%
92	19.173	2775	2780	2790	rVB2	56653	139843	7.52%	0.793%
93	19.338	2805	2808	2814	rVB3	37677	56106	3.02%	0.318%
94	19.402	2815	2819	2822	rBV	34481	44041	2.37%	0.250%
95	19.567	2844	2847	2854	rVB5	38648	60837	3.27%	0.345%
96	20.019	2918	2924	2934	rVB	1373873	1859477	100.00%	10.538%
97	21.570	3184	3188	3194	rVB	54301	75848	4.08%	0.430%
98	21.682	3200	3207	3214	rBV	277375	465123	25.01%	2.636%
99	23.386	3494	3497	3505	rVB9	12495	23838	1.28%	0.135%
100	24.908	3746	3756	3770	rVB2	162280	464209	24.96%	2.631%

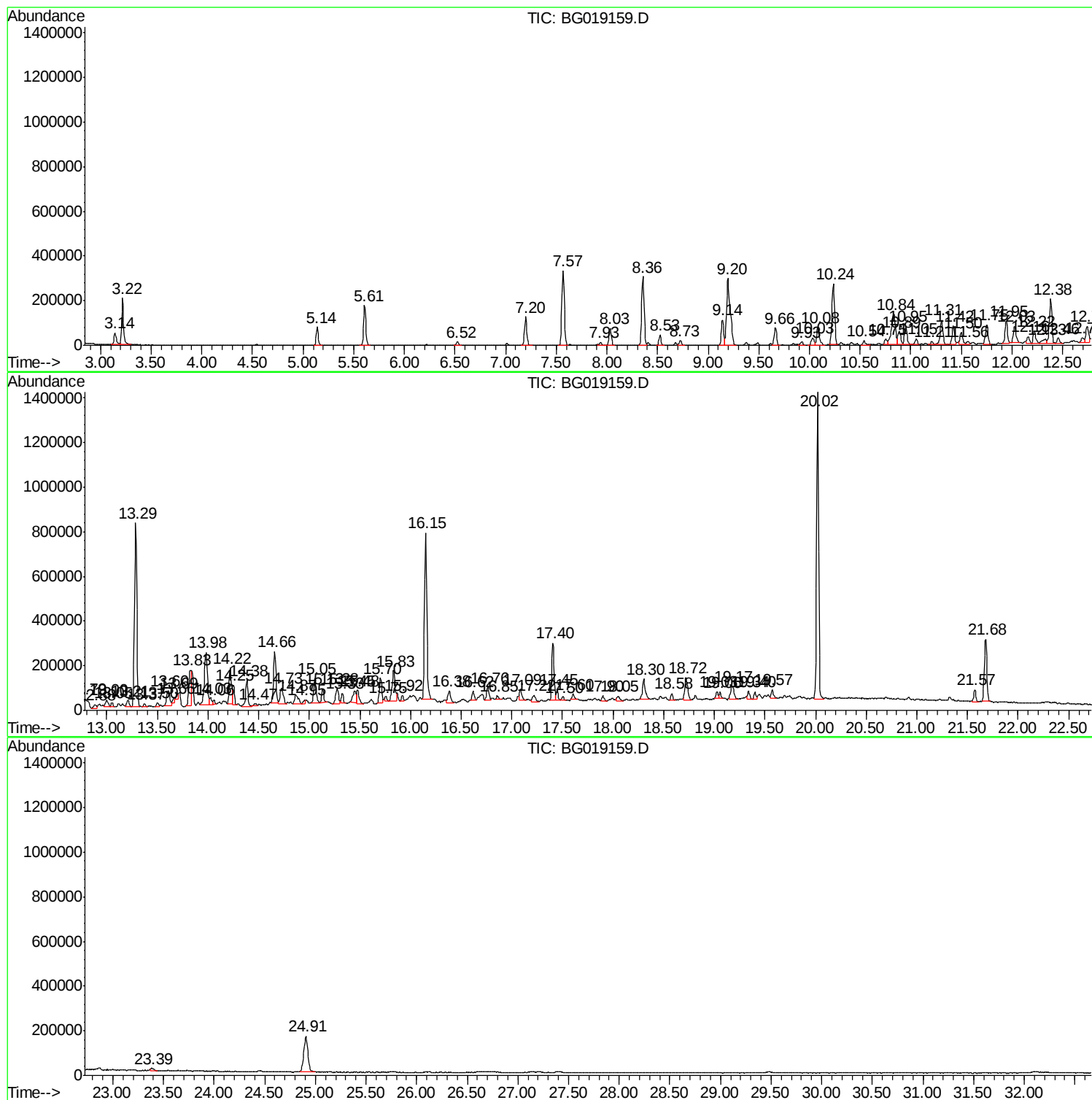
Sum of corrected areas: 17645771

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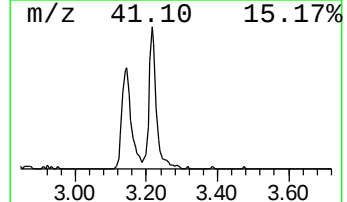
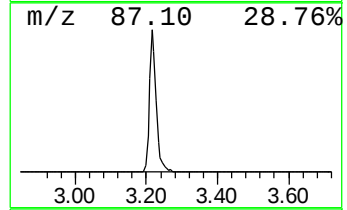
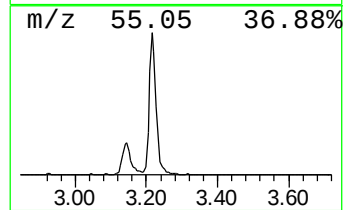
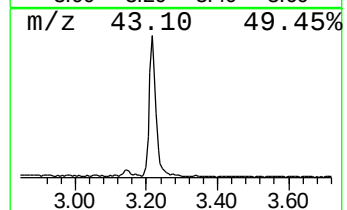
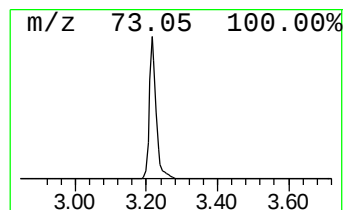
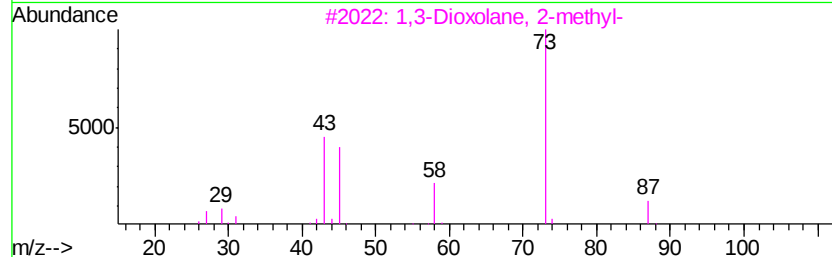
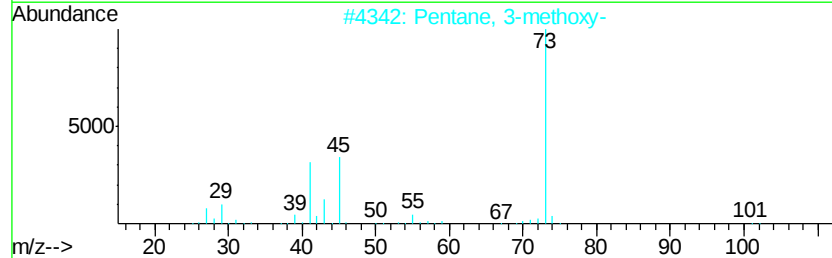
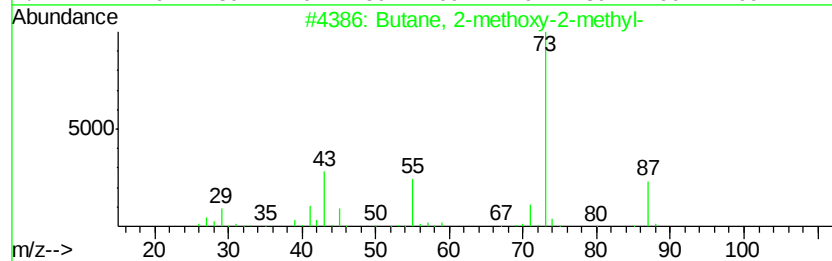
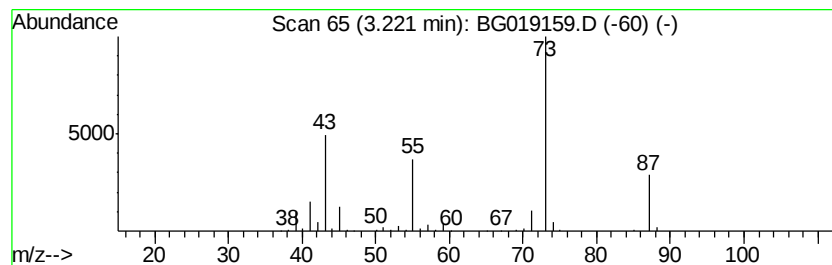
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	46.09 ng	288967	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		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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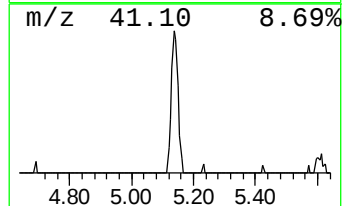
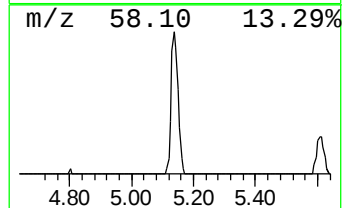
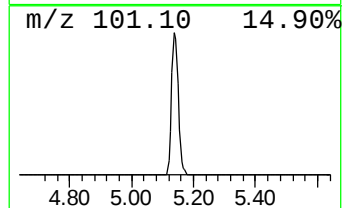
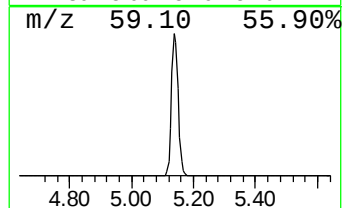
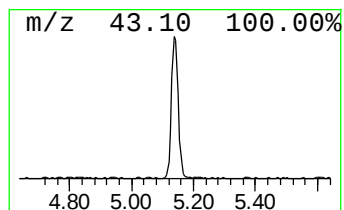
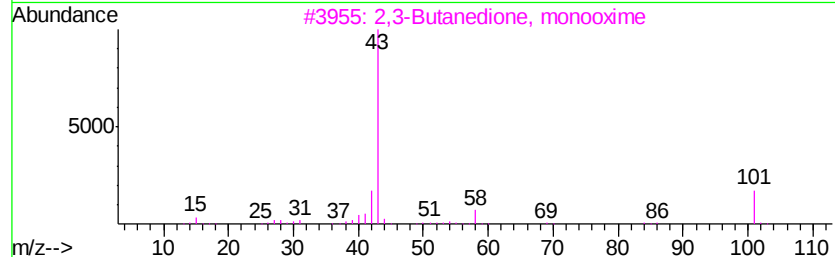
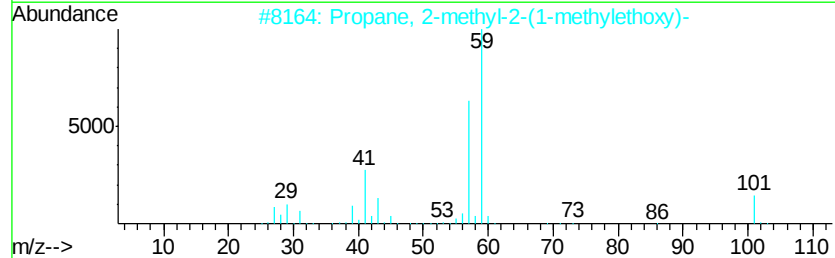
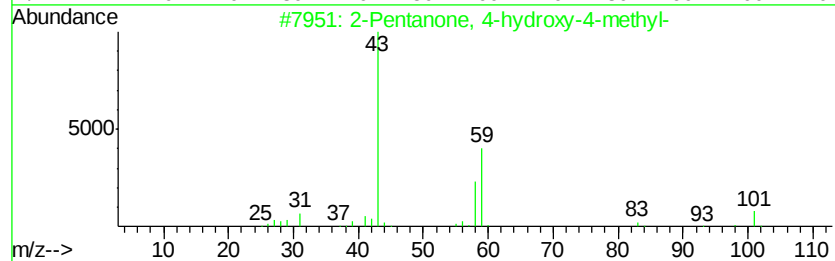
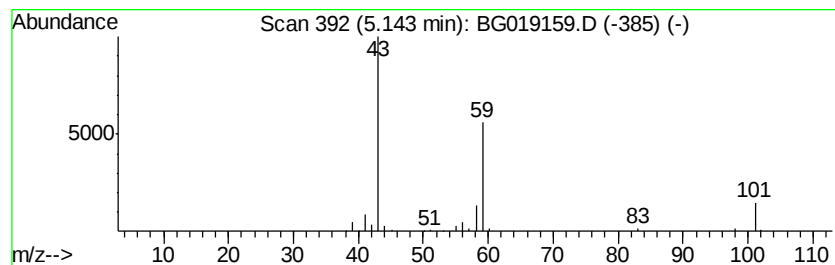
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	19.18 ng	120215	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		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4		Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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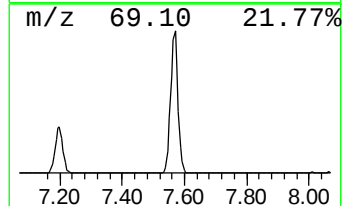
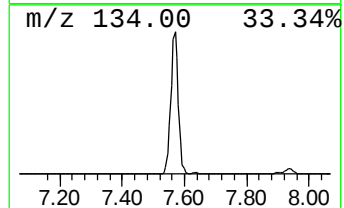
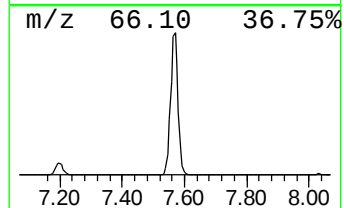
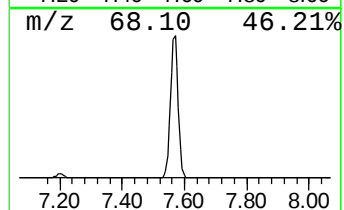
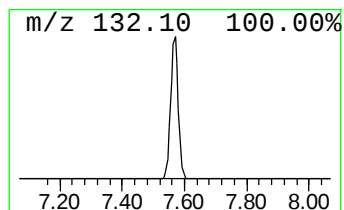
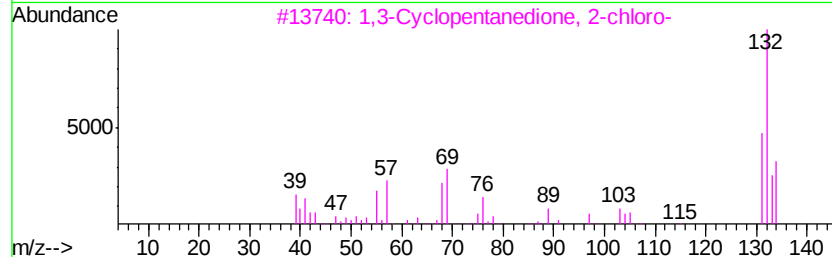
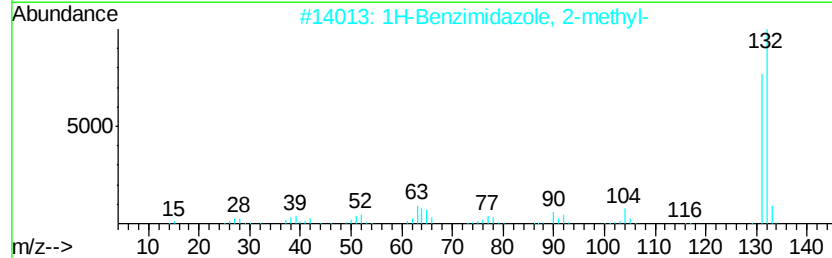
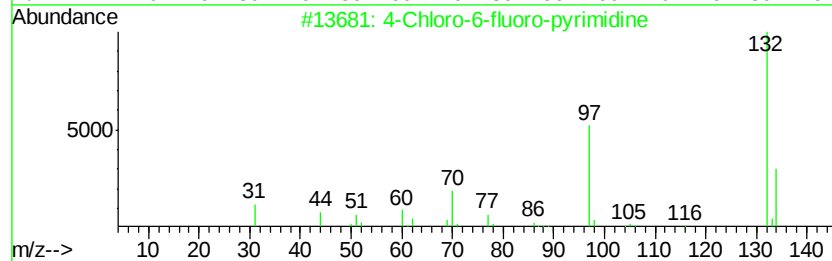
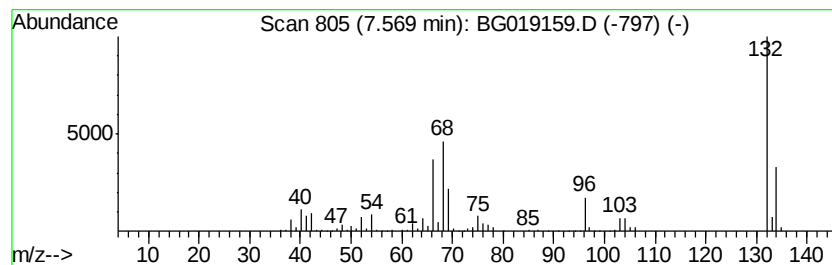
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	90.97 ng	570337	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
4		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
Operator : UM/NP
Sample : G3989-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

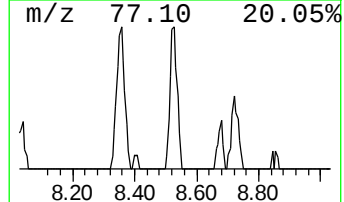
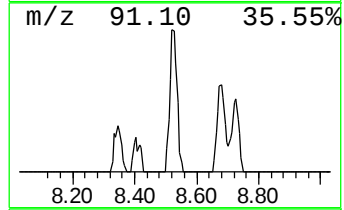
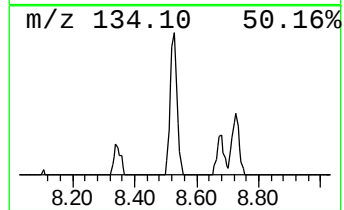
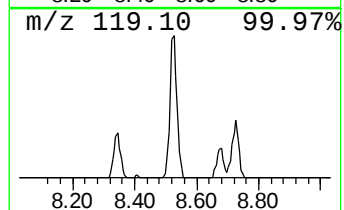
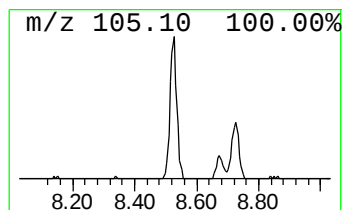
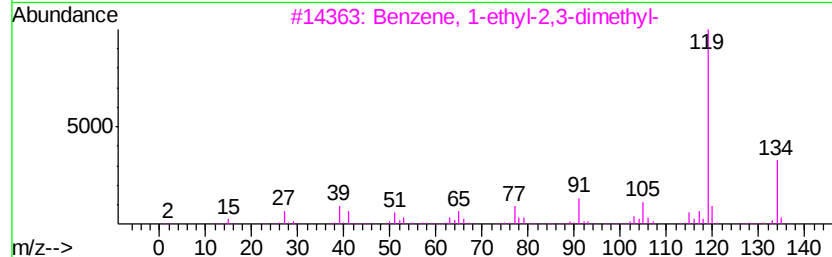
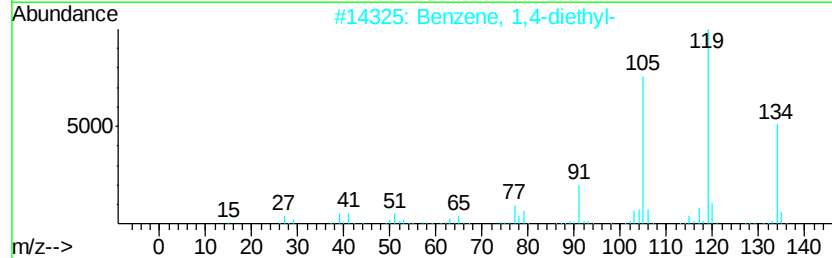
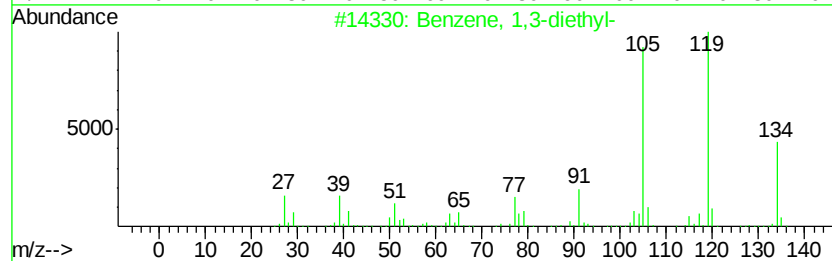
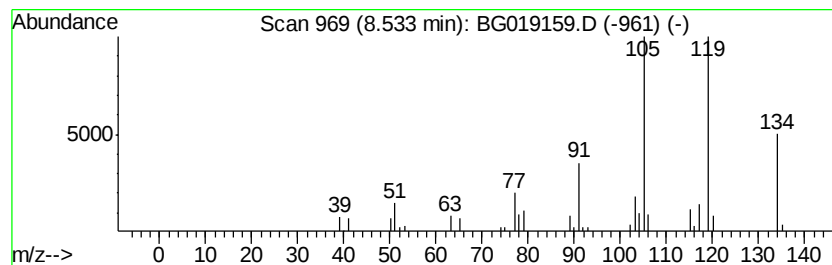
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	11.11 ng	69671	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
Operator : UM/NP
Sample : G3989-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

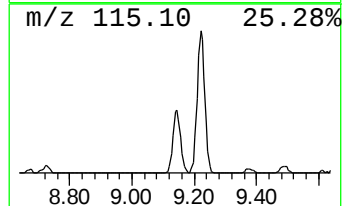
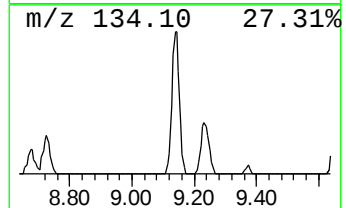
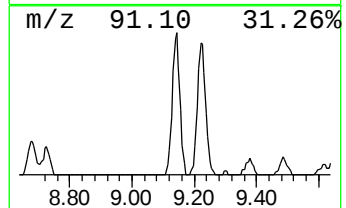
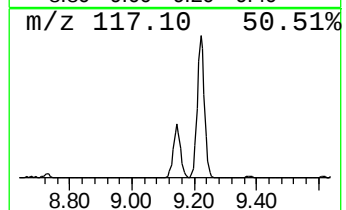
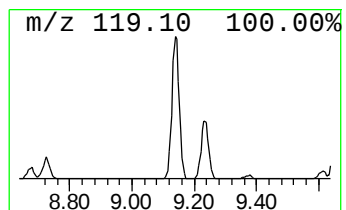
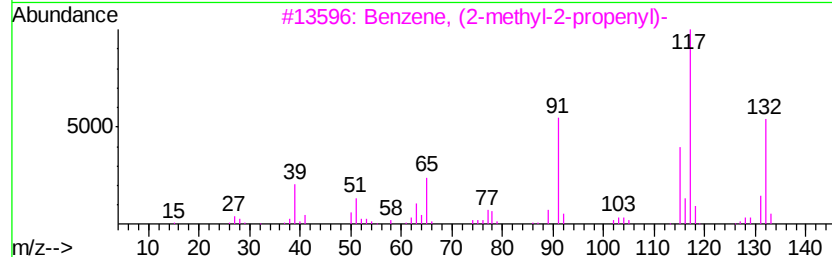
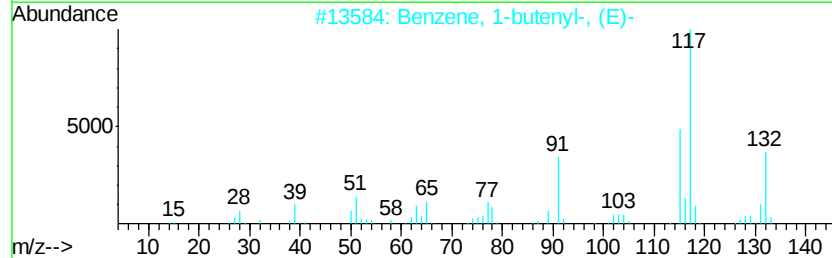
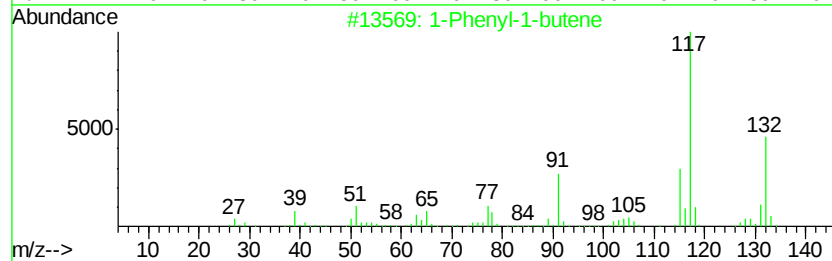
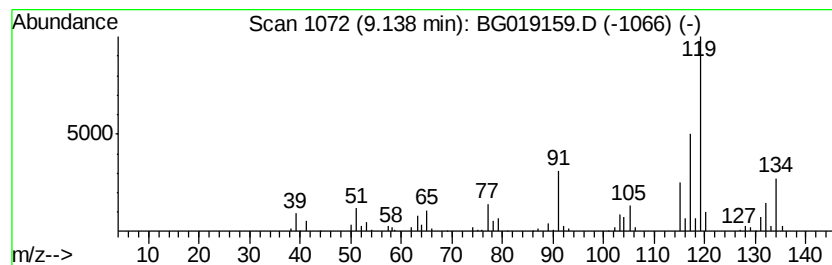
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	30.05 ng	188401	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2		Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	86
3		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
Operator : UM/NP
Sample : G3989-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

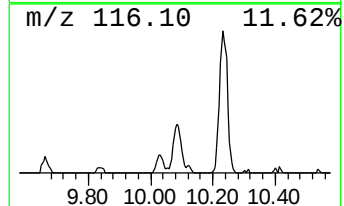
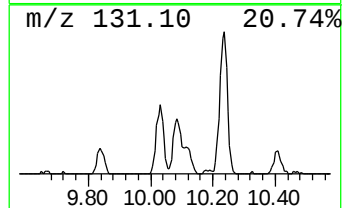
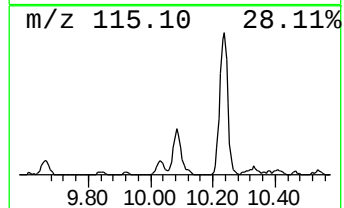
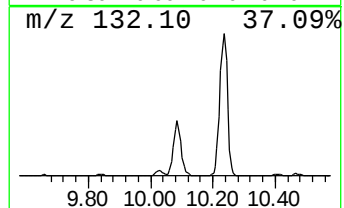
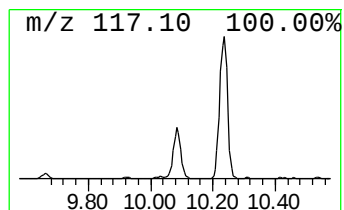
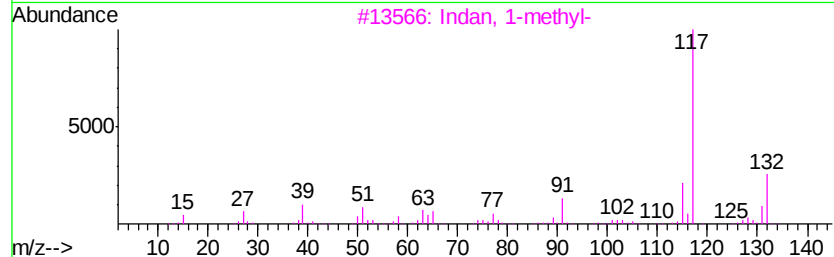
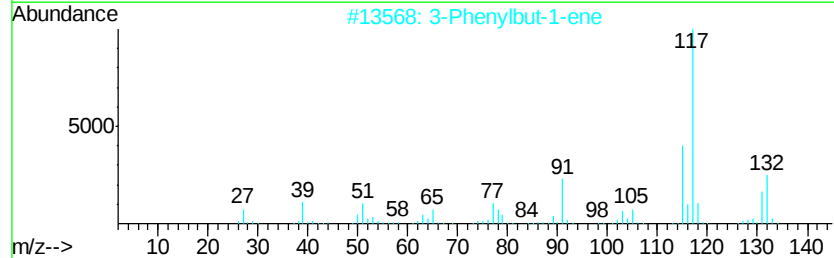
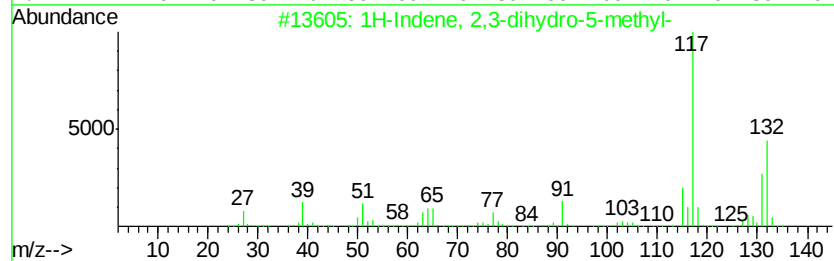
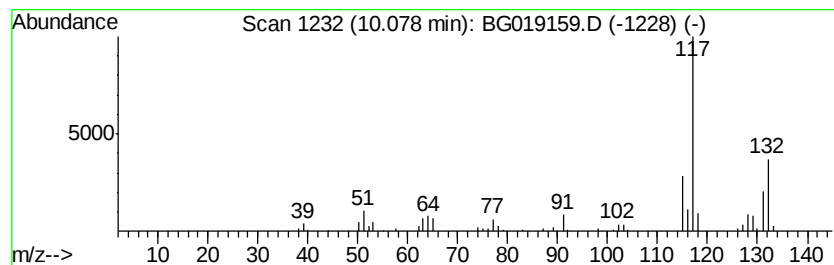
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ClientSampleId :
OW1-C4-GW

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 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	8.13 ng	154828	Napthalene-d8	10.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1 91
2		3-Phenylbut-1-ene	132 C10H12	000934-10-1 90
3		Indan, 1-methyl-	132 C10H12	000767-58-8 90
4		Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8 87
5		Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7 87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
Operator : UM/NP
Sample : G3989-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

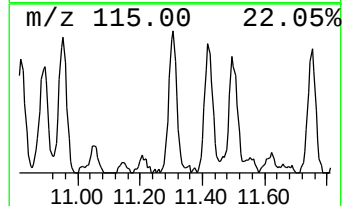
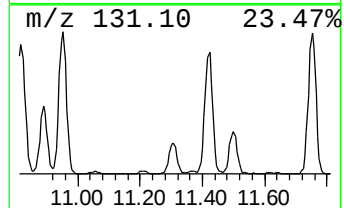
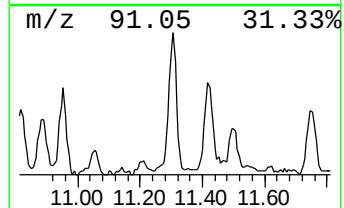
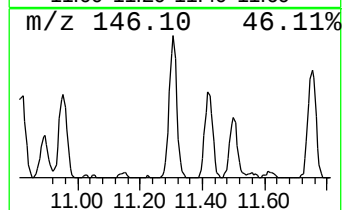
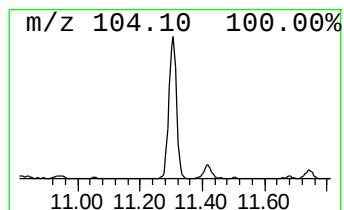
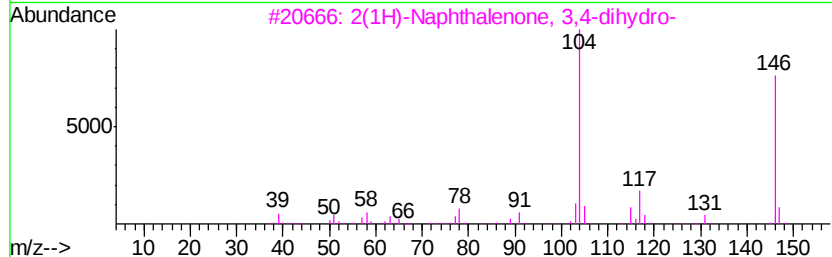
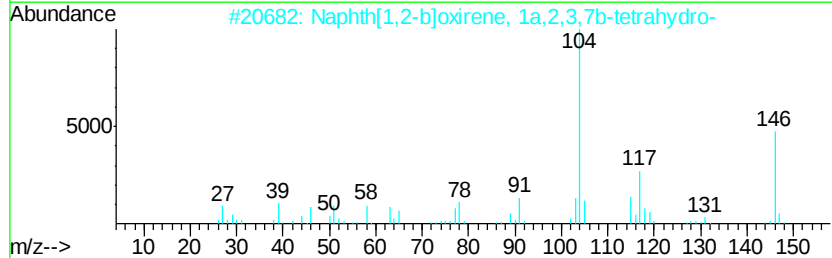
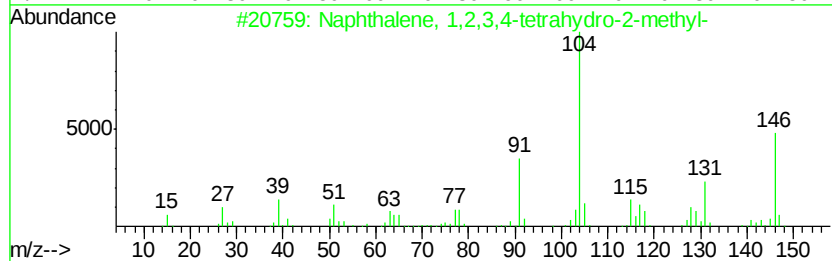
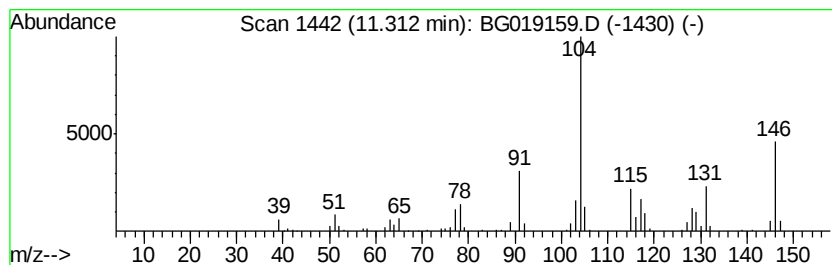
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	10.83 ng	206241	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	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	68
4		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	47
5		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
Operator : UM/NP
Sample : G3989-02
Misc :
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Instrument :
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ClientSampleId :
OW1-C4-GW

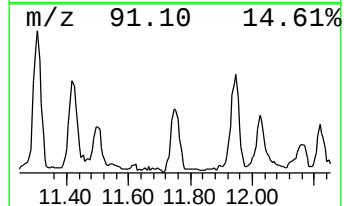
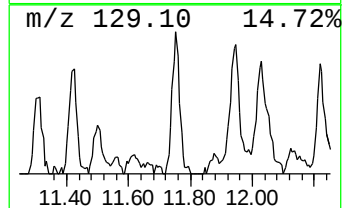
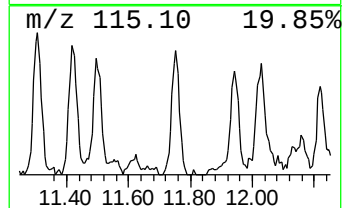
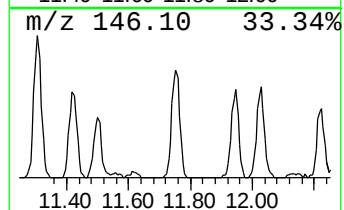
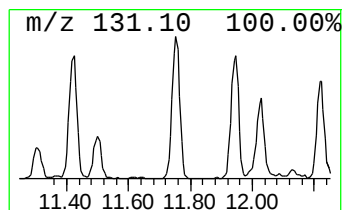
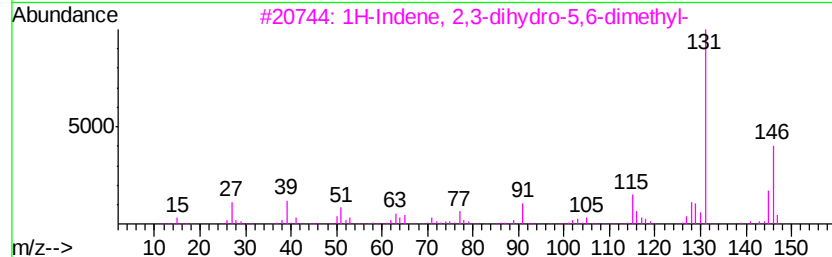
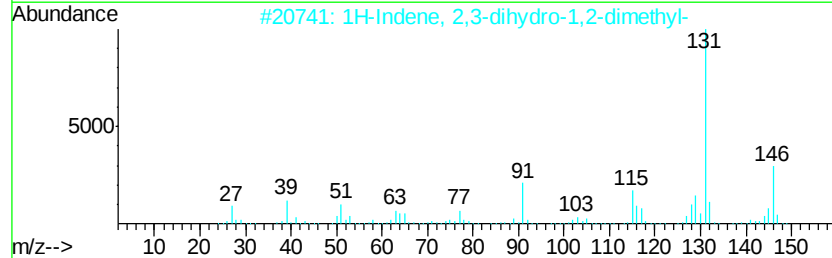
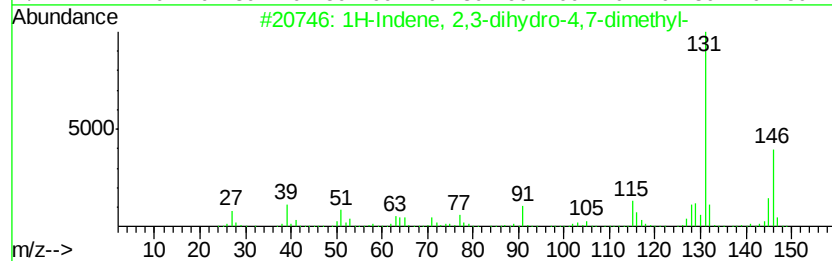
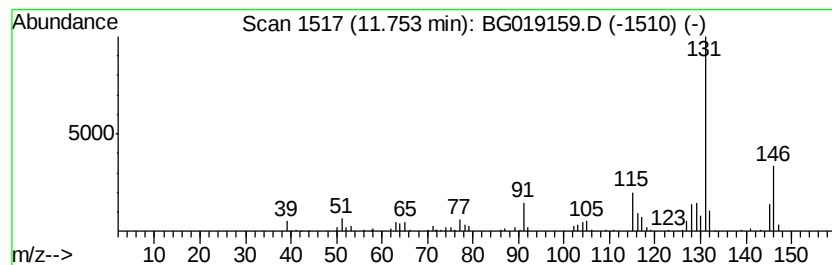
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	8.21 ng	156391	Napthalene-d8	10.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
4		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	93
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
Operator : UM/NP
Sample : G3989-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OW1-C4-GW

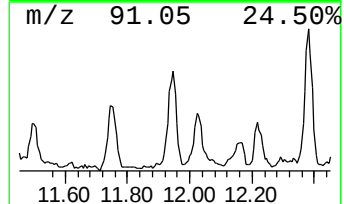
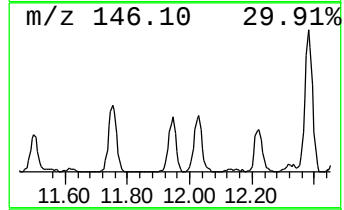
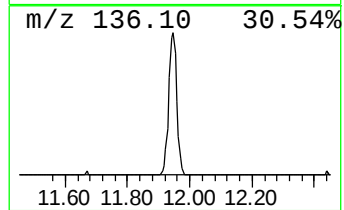
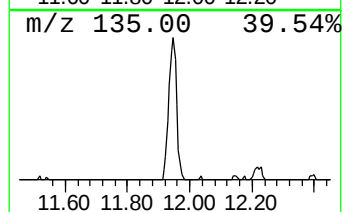
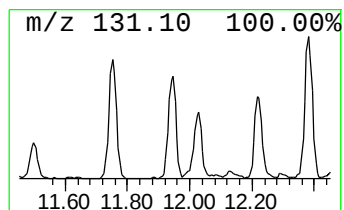
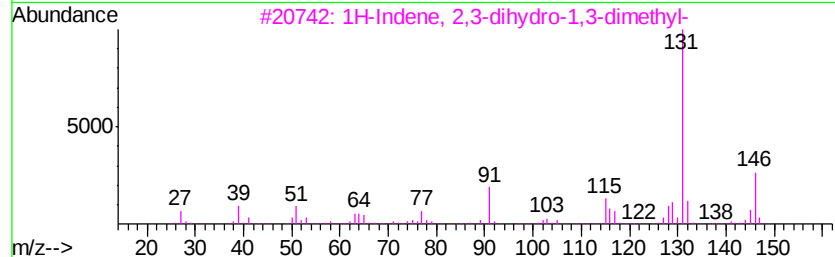
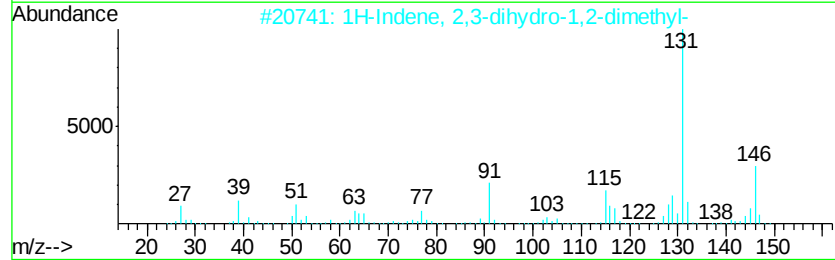
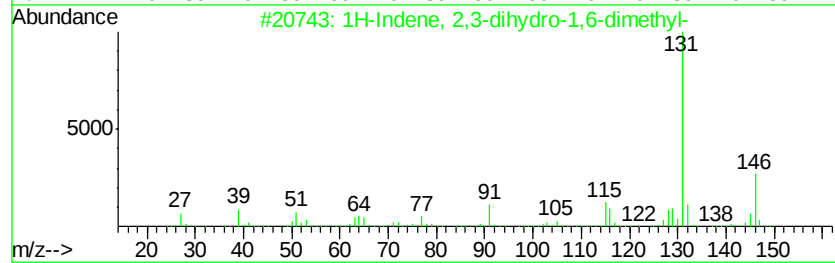
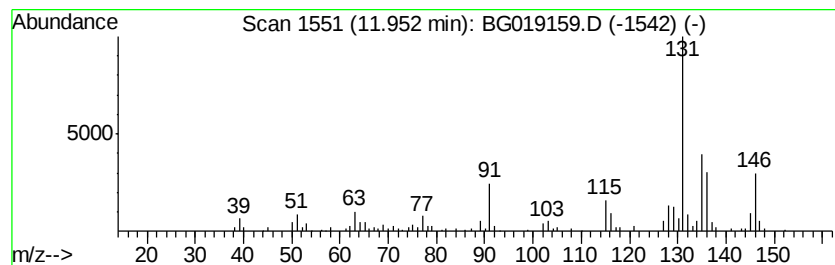
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	8.95 ng	170383	Naphthalene-d8	10.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	89
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	89
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
5			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
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Misc :
ALS Vial : 50 Sample Multiplier: 1

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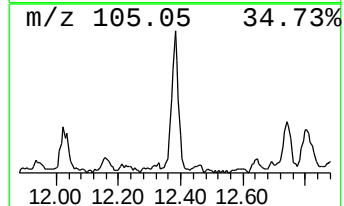
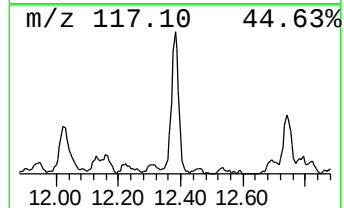
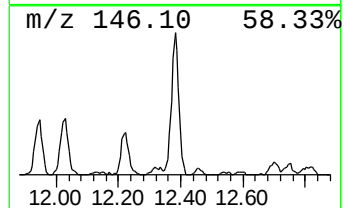
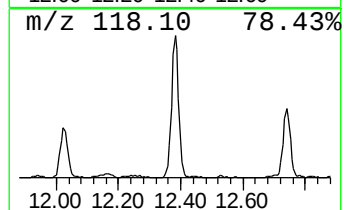
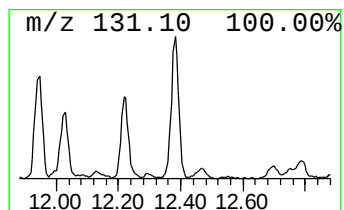
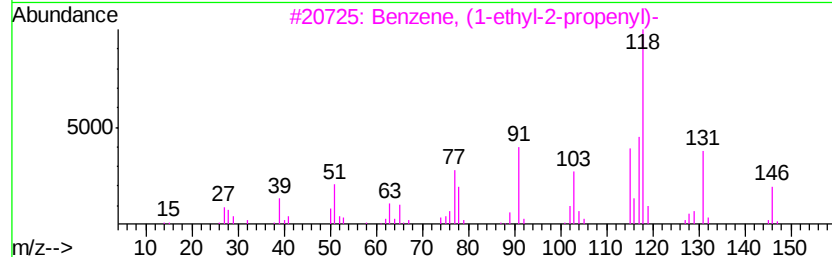
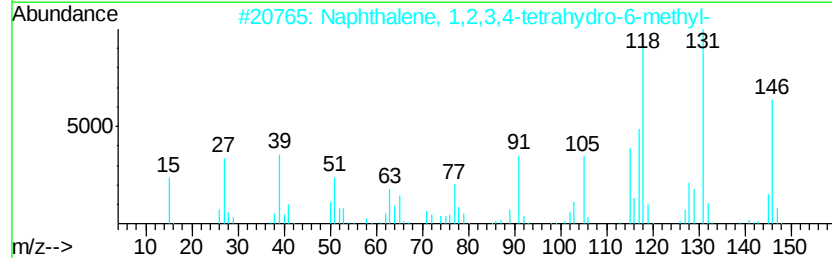
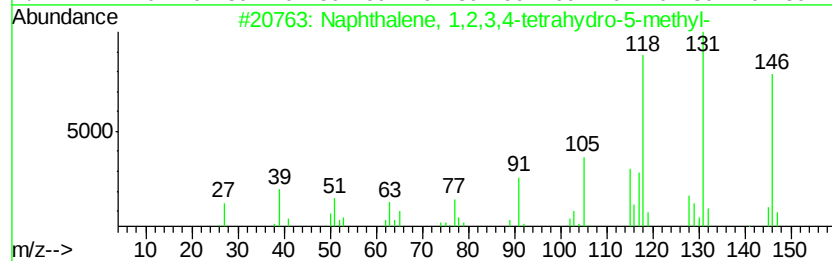
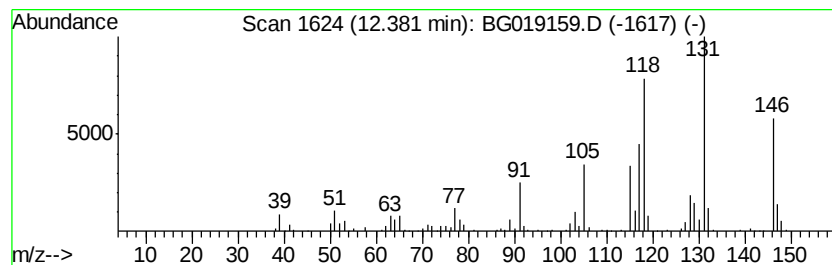
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	17.90 ng	340842	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	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
4		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	55
5		Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
Operator : UM/NP
Sample : G3989-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

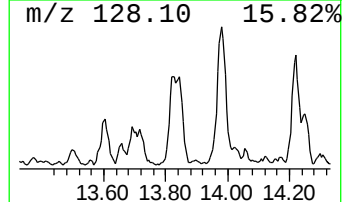
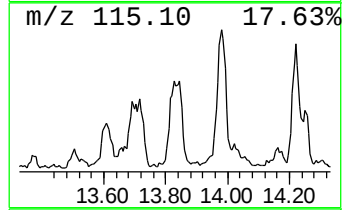
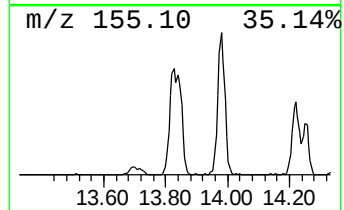
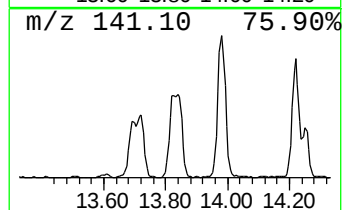
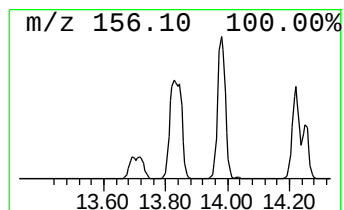
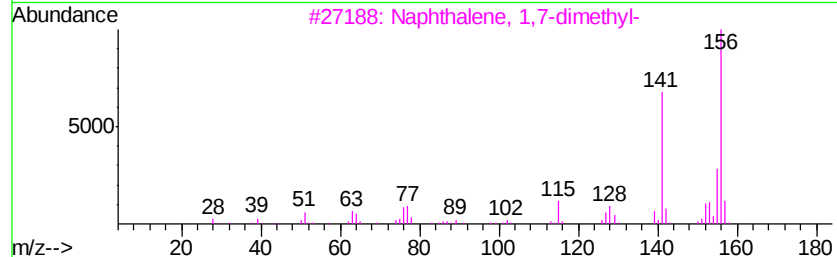
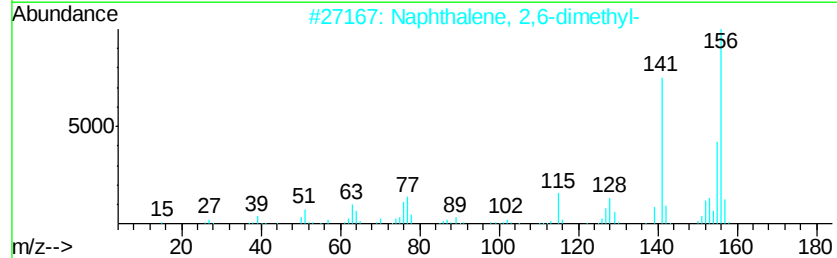
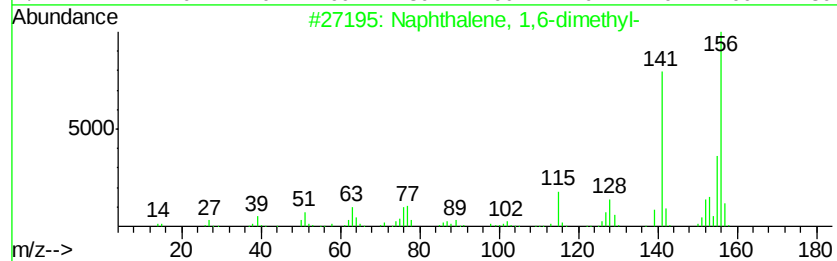
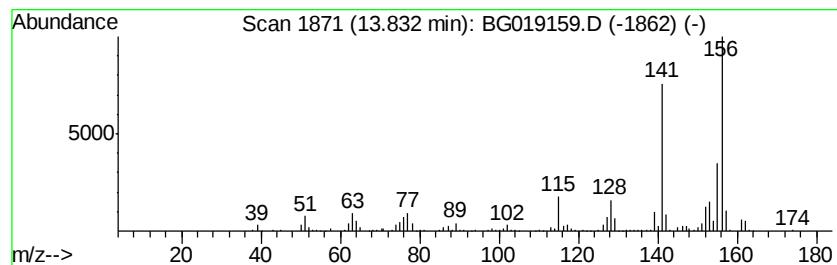
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	12.27 ng	249401	Acenaphthene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
Operator : UM/NP
Sample : G3989-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

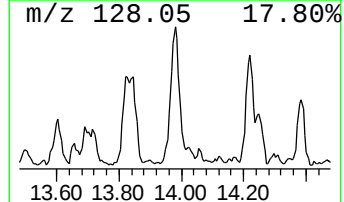
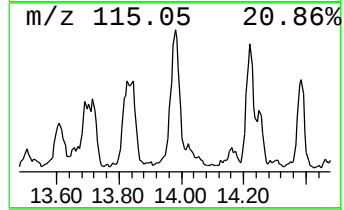
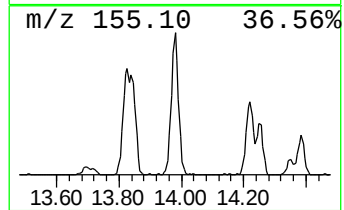
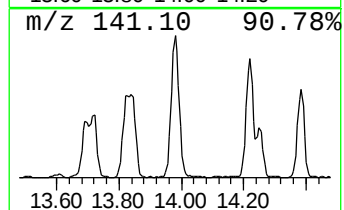
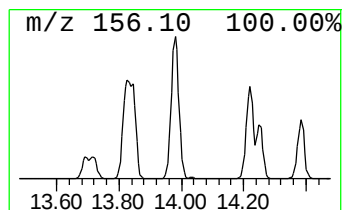
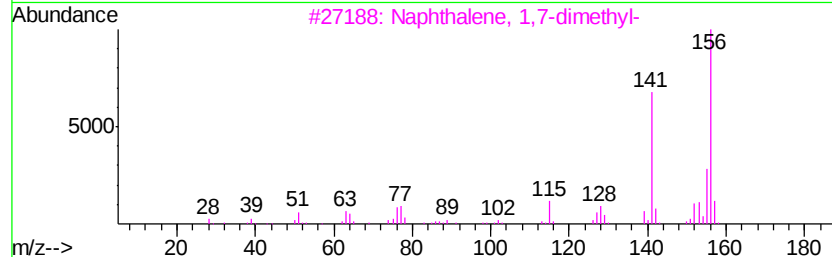
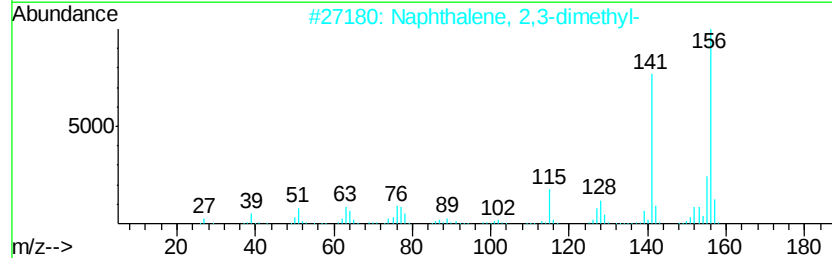
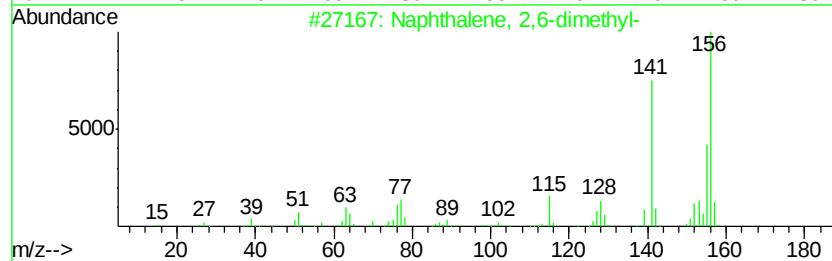
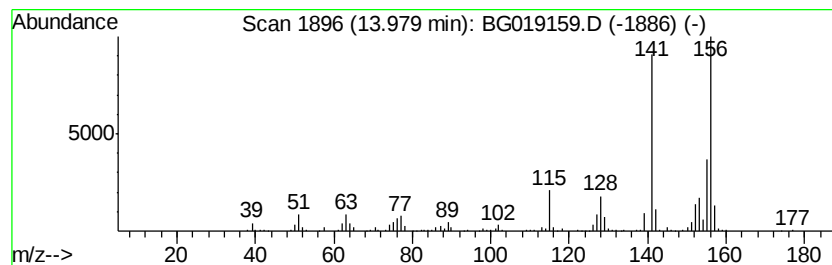
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	24.14 ng	490694	Acenaphthene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
Operator : UM/NP
Sample : G3989-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

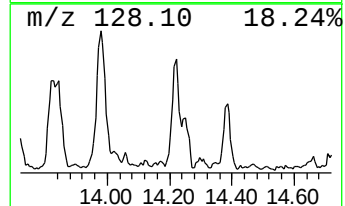
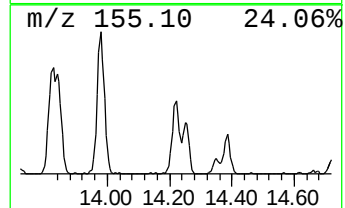
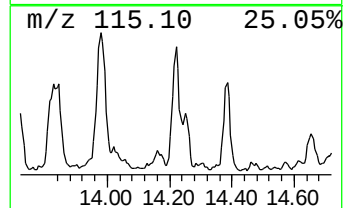
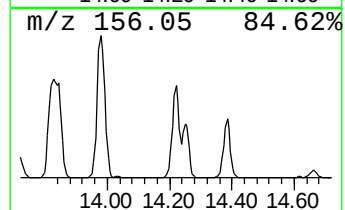
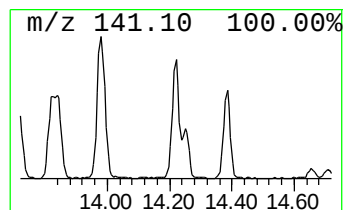
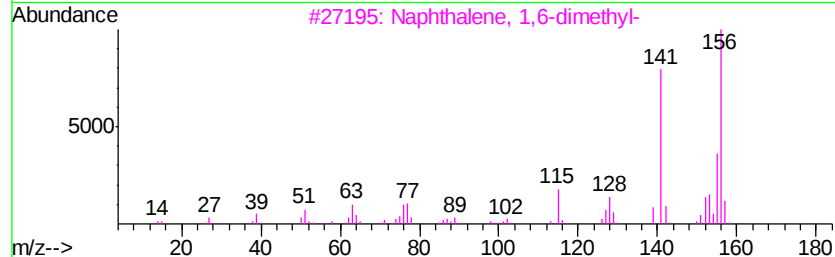
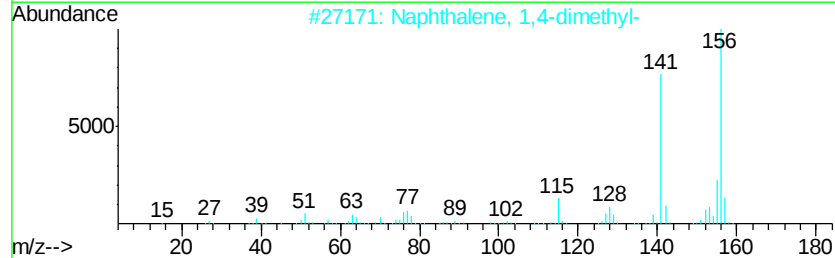
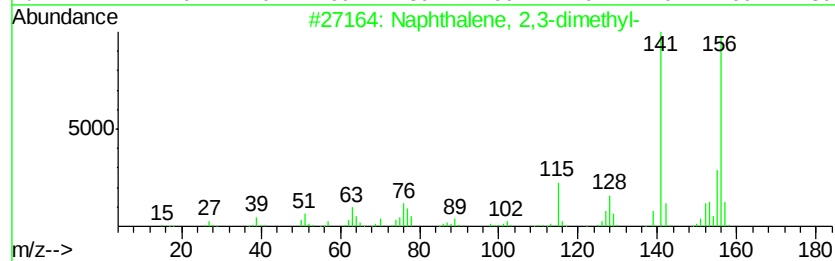
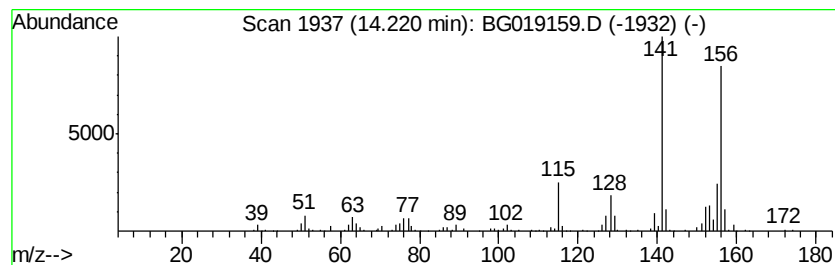
Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

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 16 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	12.60 ng	256139	Acenaphthene-d10	14.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 95
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
Operator : UM/NP
Sample : G3989-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

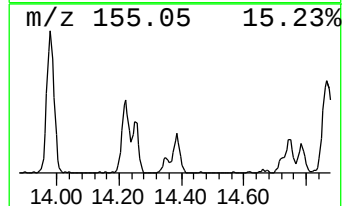
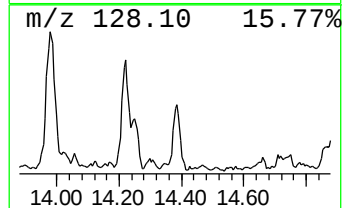
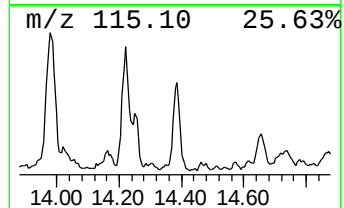
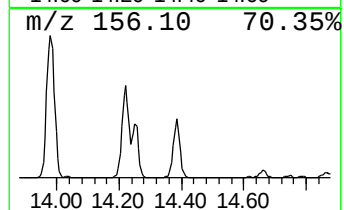
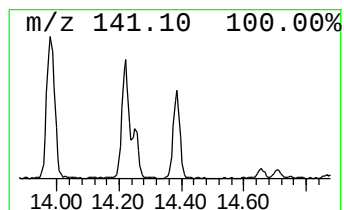
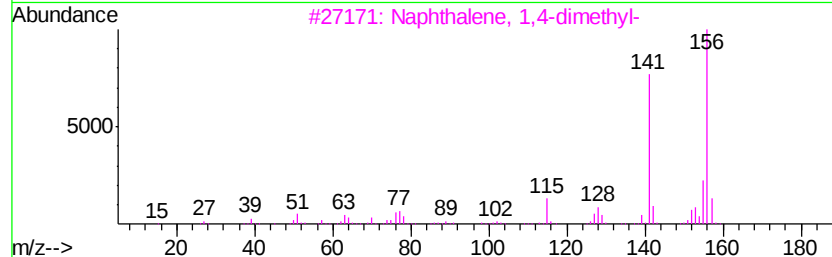
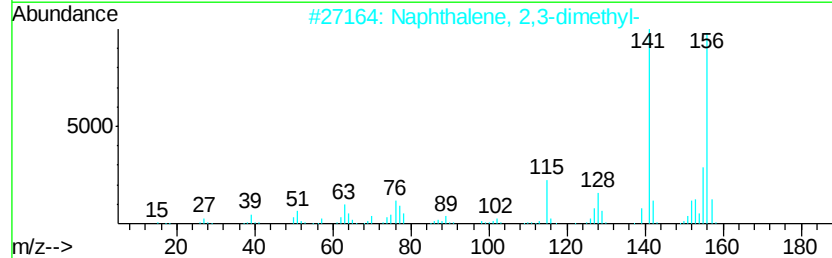
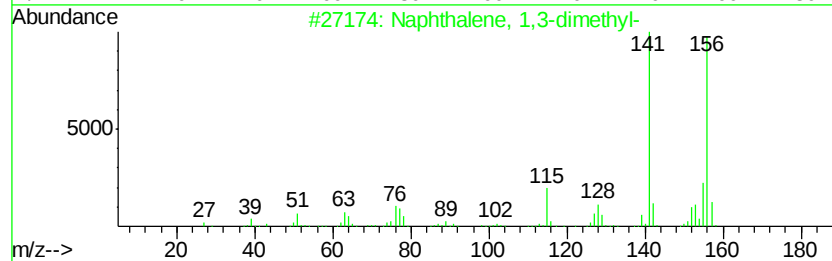
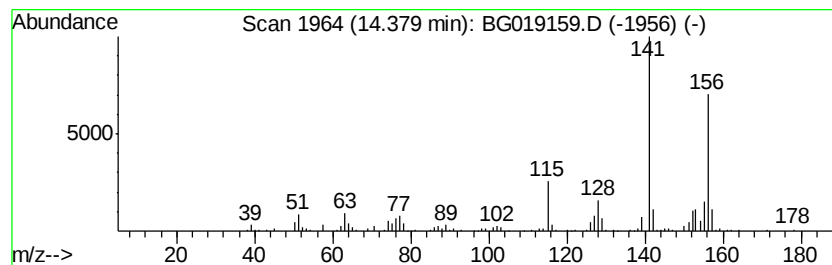
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	9.62 ng	195446	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, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
Operator : UM/NP
Sample : G3989-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

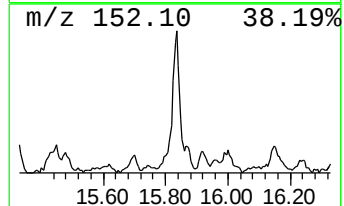
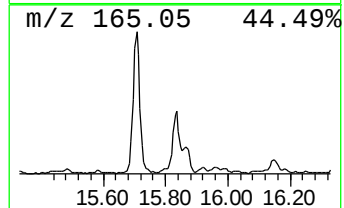
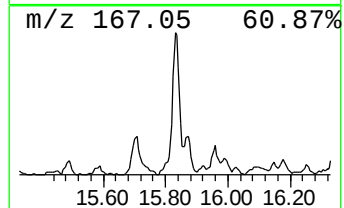
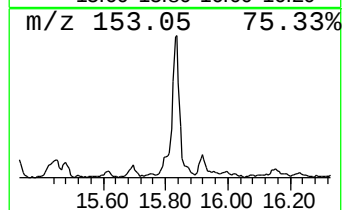
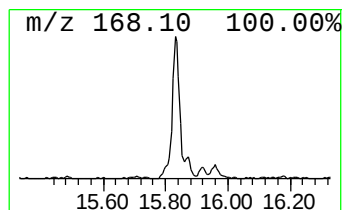
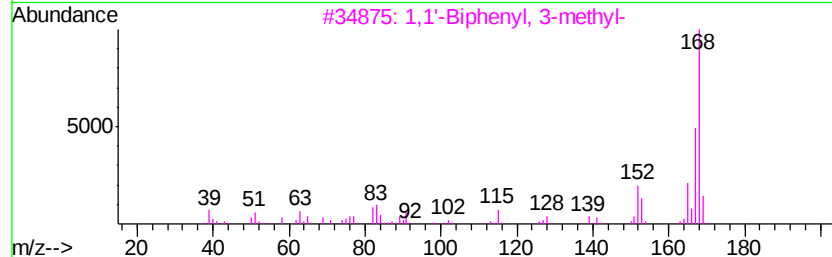
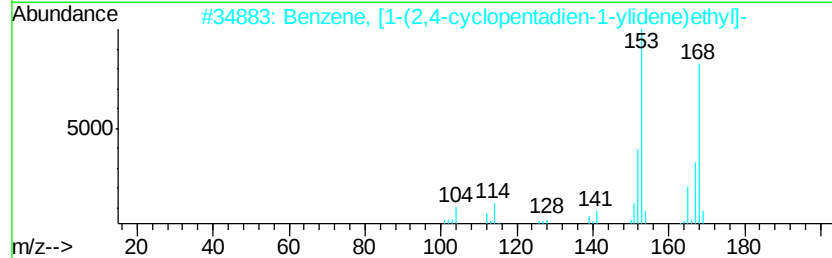
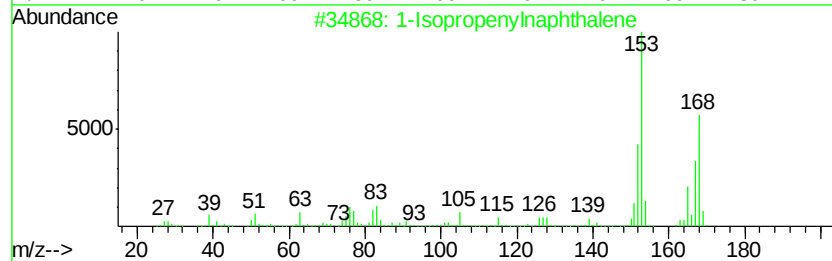
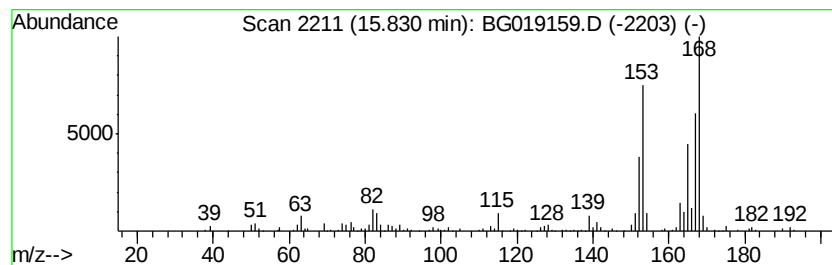
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Isopropenylnaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	13.45 ng	273278	Acenaphthene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
2		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49
4		Diphenylmethane	168	C13H12	000101-81-5	47
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
Operator : UM/NP
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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OW1-C4-GW

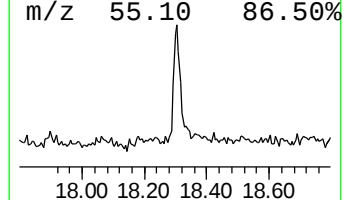
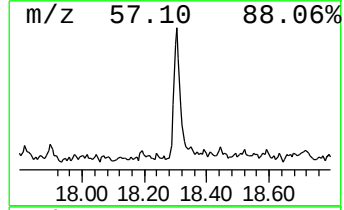
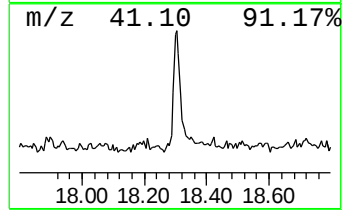
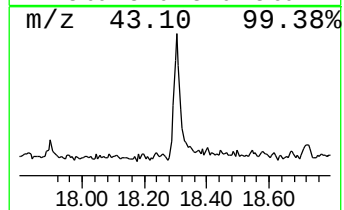
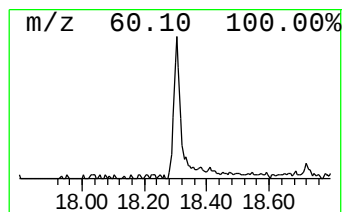
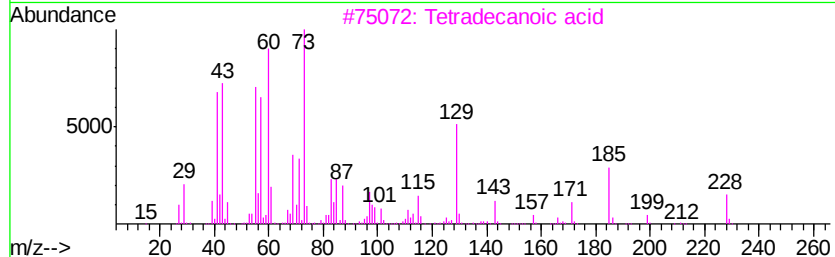
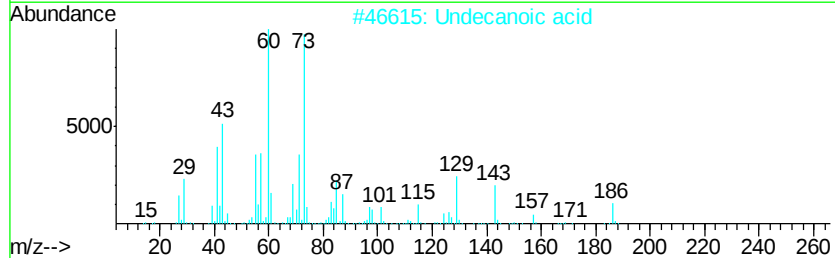
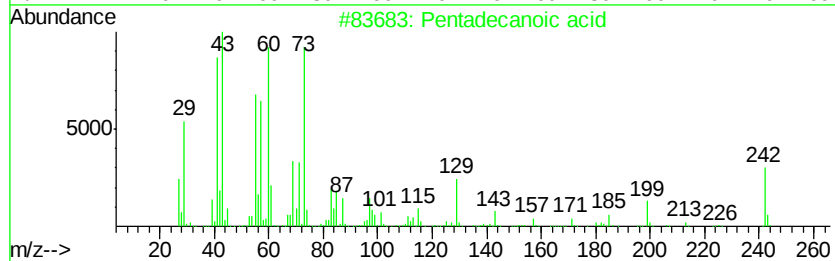
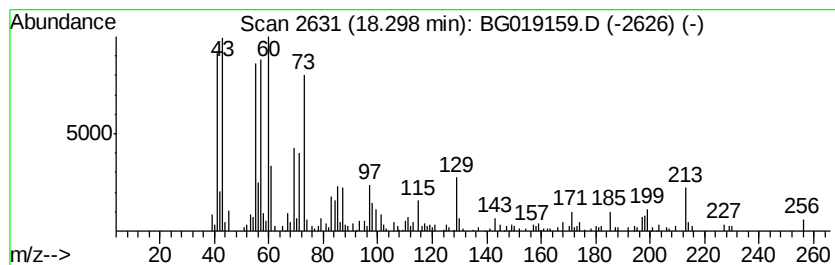
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	8.08 ng	158234	Phenanthrene-d10	17.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
2		Undecanoic acid	186	C11H22O2	000112-37-8	64
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	59
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
Operator : UM/NP
Sample : G3989-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

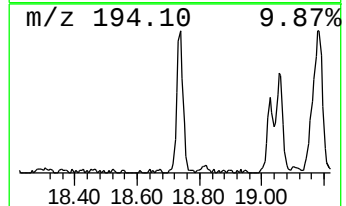
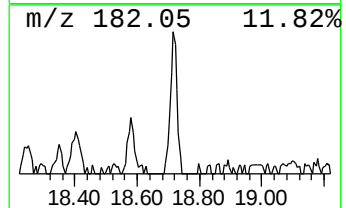
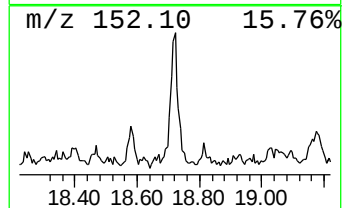
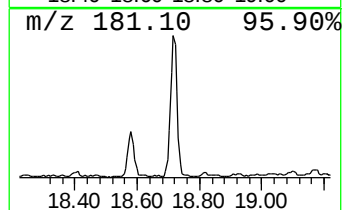
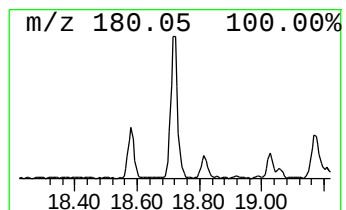
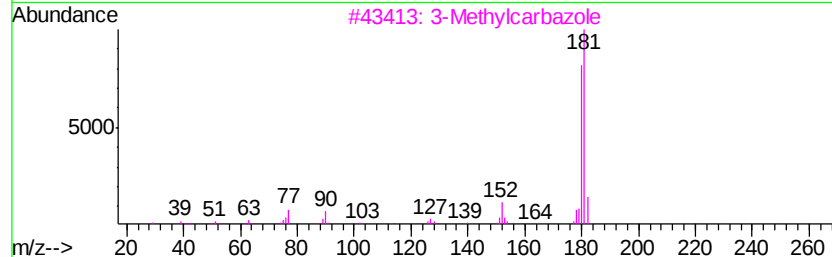
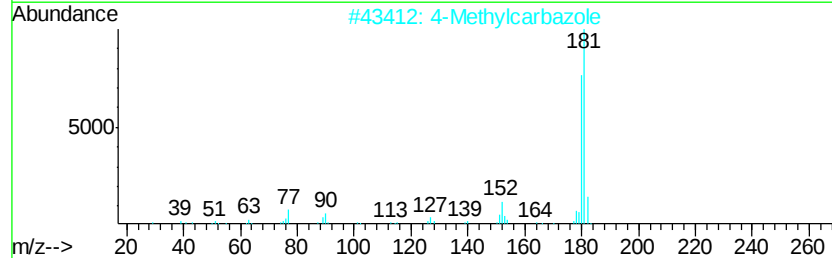
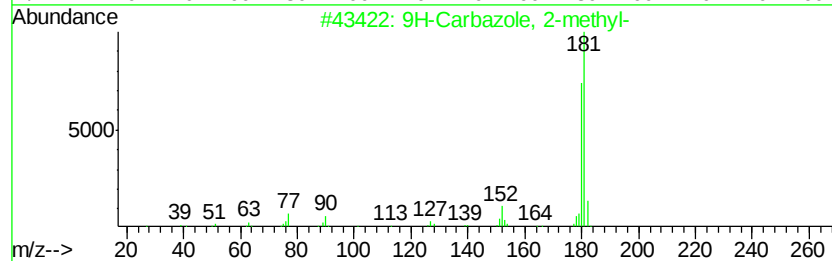
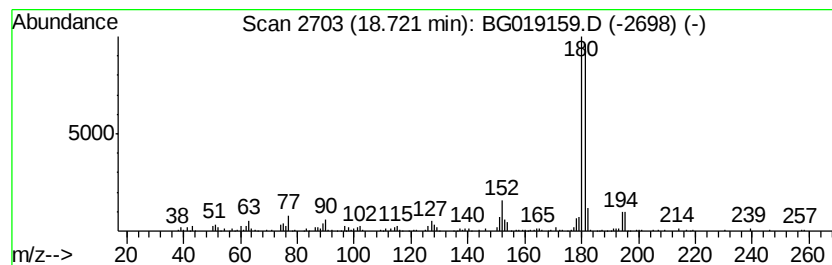
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9H-Carbazole, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	10.43 ng	204131	Phenanthrene-d10	17.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	95
2		4-Methylcarbazole	181	C13H11N	003770-48-7	95
3		3-Methylcarbazole	181	C13H11N	004630-20-0	94
4		1-Methylcarbazole	181	C13H11N	006510-65-2	93
5		Methylcarbazole	181	C13H11N	027323-29-1	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
 Data File : BG019159.D
 Acq On : 12 Oct 2015 13:02
 Operator : UM/NP
 Sample : G3989-02
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C4-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	46.1	ng	288967	1	8.03	125384	20.0
2-Pentanone, 4-hy...	5.14	19.2	ng	120215	1	8.03	125384	20.0
unknown7.57	7.57	91.0	ng	570337	1	8.03	125384	20.0
Benzene, 1,3-diet...	8.53	11.1	ng	69671	1	8.03	125384	20.0
1-Phenyl-1-butene	9.14	30.1	ng	188401	1	8.03	125384	20.0
1H-Indene, 2,3-di...	10.08	8.1	ng	154828	2	10.84	380823	20.0
Naphthalene, 1,2,...	11.31	10.8	ng	206241	2	10.84	380823	20.0
1H-Indene, 2,3-di...	11.75	8.2	ng	156391	2	10.84	380823	20.0
1H-Indene, 2,3-di...	11.95	8.9	ng	170383	2	10.84	380823	20.0
Naphthalene, 1,2,...	12.38	17.9	ng	340842	2	10.84	380823	20.0
Naphthalene, 1,6-...	13.83	12.3	ng	249401	3	14.66	406470	20.0
Naphthalene, 2,6-...	13.98	24.1	ng	490694	3	14.66	406470	20.0
Naphthalene, 2,3-...	14.22	12.6	ng	256139	3	14.66	406470	20.0
Naphthalene, 1,3-...	14.38	9.6	ng	195446	3	14.66	406470	20.0
1-Isopropenyl naph...	15.83	13.4	ng	273278	3	14.66	406470	20.0
Pentadecanoic acid	18.30	8.1	ng	158234	4	17.40	391563	20.0
9H-Carbazole, 2-m...	18.72	10.4	ng	204131	4	17.40	391563	20.0