

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016388.D
 Acq On : 14 Apr 2015 8:55
 Operator : TP/IZ
 Sample : G1806-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

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-BG040615.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	2.772	8	14	23	rBV	371778	716339	13.25%	1.124%
2	2.848	23	27	35	rVB	380674	538664	9.96%	0.845%
3	3.377	113	117	128	rVB2	119935	202972	3.75%	0.318%
4	4.188	245	255	262	rVB2	87016	152463	2.82%	0.239%
5	5.263	432	438	444	rBV	712784	1010447	18.69%	1.585%
6	5.340	444	451	456	rVV	93265	182270	3.37%	0.286%
7	6.168	583	592	599	rBV	227718	367429	6.79%	0.576%
8	6.286	608	612	620	rBV2	65080	121508	2.25%	0.191%
9	6.656	669	675	680	rBV	91109	134655	2.49%	0.211%
10	6.820	698	703	706	rBV	163075	260879	4.82%	0.409%
11	6.861	706	710	714	rVB	341926	495006	9.15%	0.777%
12	7.067	738	745	753	rBV2	184372	420772	7.78%	0.660%
13	7.214	763	770	777	rBV	1274973	2045028	37.82%	3.208%
14	7.326	783	789	795	rVV	219394	327272	6.05%	0.513%
15	7.578	828	832	839	rVB	86983	138416	2.56%	0.217%
16	7.672	839	848	854	rBV	338746	570307	10.55%	0.895%
17	7.790	863	868	875	rBV2	95261	188364	3.48%	0.296%
18	7.948	888	895	899	rVV	957903	1549933	28.66%	2.432%
19	7.995	899	903	913	rVB	1197863	1869253	34.57%	2.933%
20	8.166	927	932	938	rBV	240406	348943	6.45%	0.547%
21	8.319	951	958	962	rBV2	391249	643754	11.90%	1.010%
22	8.360	962	965	975	rVB	150090	229575	4.25%	0.360%
23	8.471	975	984	993	rBV3	145990	323556	5.98%	0.508%
24	8.577	995	1002	1006	rVV2	68038	127884	2.36%	0.201%
25	8.777	1022	1036	1040	rBV	640812	1032959	19.10%	1.621%
26	8.836	1040	1046	1058	rVB3	1072274	2698633	49.91%	4.234%
27	8.965	1058	1068	1072	rBV6	44460	133150	2.46%	0.209%
28	9.012	1072	1076	1085	rVB3	101512	228342	4.22%	0.358%
29	9.118	1085	1094	1099	rBV2	91616	210419	3.89%	0.330%
30	9.294	1120	1124	1130	rVV	385957	580786	10.74%	0.911%
31	9.353	1130	1134	1143	rVV2	102894	202519	3.75%	0.318%
32	9.464	1150	1153	1159	rVB2	87954	127047	2.35%	0.199%
33	9.541	1160	1166	1173	rBV3	191039	380448	7.04%	0.597%
34	9.658	1178	1186	1192	rBV4	154715	401387	7.42%	0.630%

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35	9.711	1192	1195	1199	rVB	110478	142055	2.63%	0.223%
36	9.817	1206	1213	1216	rBV2	97936	167046	3.09%	0.262%
37	9.870	1216	1222	1228	rVV3	1076006	1811892	33.51%	2.843%
38	10.046	1245	1252	1258	rBV	411359	681488	12.60%	1.069%
39	10.163	1267	1272	1281	rBV	101927	194476	3.60%	0.305%
40	10.381	1304	1309	1312	rVV3	149755	254725	4.71%	0.400%
41	10.457	1312	1322	1327	rVV2	602404	1381390	25.55%	2.167%
42	10.510	1327	1331	1337	rVV2	444448	778129	14.39%	1.221%
43	10.575	1337	1342	1348	rVB	227564	360010	6.66%	0.565%
44	10.680	1356	1360	1366	rVB	83480	125173	2.31%	0.196%
45	10.833	1380	1386	1390	rBV2	94503	166428	3.08%	0.261%
46	10.927	1397	1402	1410	rVB	129194	273322	5.05%	0.429%
47	11.039	1413	1421	1425	rBV	113240	209361	3.87%	0.328%
48	11.368	1472	1477	1485	rVB4	112135	240411	4.45%	0.377%
49	11.491	1493	1498	1506	rBV3	174470	370252	6.85%	0.581%
50	11.568	1506	1511	1517	rVV	136786	249178	4.61%	0.391%
51	11.650	1520	1525	1533	rVB	281585	479197	8.86%	0.752%
52	11.844	1552	1558	1567	rVB5	103297	233501	4.32%	0.366%
53	12.014	1581	1587	1593	rVB2	278015	459178	8.49%	0.720%
54	12.126	1597	1606	1612	rVB	923498	1539603	28.47%	2.415%
55	12.196	1612	1618	1627	rBV	2100895	3170653	58.64%	4.974%
56	12.290	1629	1634	1638	rVV	155217	250085	4.62%	0.392%
57	12.349	1638	1644	1654	rVV	1017034	1753630	32.43%	2.751%
58	12.766	1710	1715	1720	rVB	168701	261704	4.84%	0.411%
59	12.854	1724	1730	1734	rVB4	122560	198082	3.66%	0.311%
60	12.937	1738	1744	1750	rVB	2351976	3453210	63.86%	5.418%
61	13.119	1771	1775	1782	rVB	186981	280458	5.19%	0.440%
62	13.277	1797	1802	1807	rVB	405522	573854	10.61%	0.900%
63	13.448	1825	1831	1834	rBV	558588	959652	17.75%	1.506%
64	13.495	1834	1839	1845	rVB	3589433	5407431	100.00%	8.484%
65	13.636	1857	1863	1868	rBV	400166	684377	12.66%	1.074%
66	13.689	1868	1872	1878	rVB	521745	754600	13.95%	1.184%
67	13.800	1889	1891	1895	rVB2	94400	113556	2.10%	0.178%
68	13.871	1899	1903	1906	rVV	136965	214068	3.96%	0.336%
69	13.906	1906	1909	1914	rVB2	87239	118551	2.19%	0.186%
70	14.141	1946	1949	1957	rVB6	63892	113269	2.09%	0.178%
71	14.317	1971	1979	1986	rBV2	802669	1274326	23.57%	1.999%

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72	14.441	1996	2000	2004	rVB	98439	111131	2.06%	0.174%
73	14.488	2004	2008	2013	rBV2	115706	174780	3.23%	0.274%
74	14.664	2033	2038	2043	rVV	297534	431592	7.98%	0.677%
75	14.717	2043	2047	2054	rVB3	84392	134682	2.49%	0.211%
76	15.357	2152	2156	2162	rBV2	66247	116696	2.16%	0.183%
77	15.675	2206	2210	2215	rVB	158102	218497	4.04%	0.343%
78	15.804	2227	2232	2240	rBV	1456552	2105845	38.94%	3.304%
79	16.057	2272	2275	2279	rVB3	81659	111464	2.06%	0.175%
80	16.867	2409	2413	2422	rVB2	139567	206669	3.82%	0.324%
81	17.055	2440	2445	2454	rBV2	904145	1293508	23.92%	2.029%
82	17.731	2556	2560	2564	rVV	151215	184497	3.41%	0.289%
83	17.960	2595	2599	2608	rBV	340061	497722	9.20%	0.781%
84	19.241	2813	2817	2825	rBV3	133195	217826	4.03%	0.342%
85	19.335	2829	2833	2837	rVV	87740	126008	2.33%	0.198%
86	19.388	2838	2842	2846	rVB	365594	420084	7.77%	0.659%
87	19.500	2858	2861	2867	rVB	113679	128673	2.38%	0.202%
88	19.688	2887	2893	2898	rBV	2823150	3414996	63.15%	5.358%
89	20.428	3015	3019	3025	rBV	368189	390655	7.22%	0.613%
90	20.493	3026	3030	3033	rVV2	82957	118424	2.19%	0.186%
91	20.951	3104	3108	3119	rBV	714012	980803	18.14%	1.539%
92	21.233	3151	3156	3167	rBV	1080720	1410148	26.08%	2.212%
93	21.386	3178	3182	3187	rBV	125935	148692	2.75%	0.233%
94	21.814	3251	3255	3267	rVB2	116124	198818	3.68%	0.312%
95	22.273	3329	3333	3339	rVB	128992	165227	3.06%	0.259%
96	22.778	3415	3419	3426	rVB2	96665	145640	2.69%	0.228%
97	23.348	3511	3516	3521	rVB	78220	127378	2.36%	0.200%
98	23.465	3530	3536	3545	rVB	679577	1264756	23.39%	1.984%
99	23.988	3621	3625	3632	rVB2	71160	122872	2.27%	0.193%
100	24.746	3749	3754	3760	rBV2	55469	112390	2.08%	0.176%

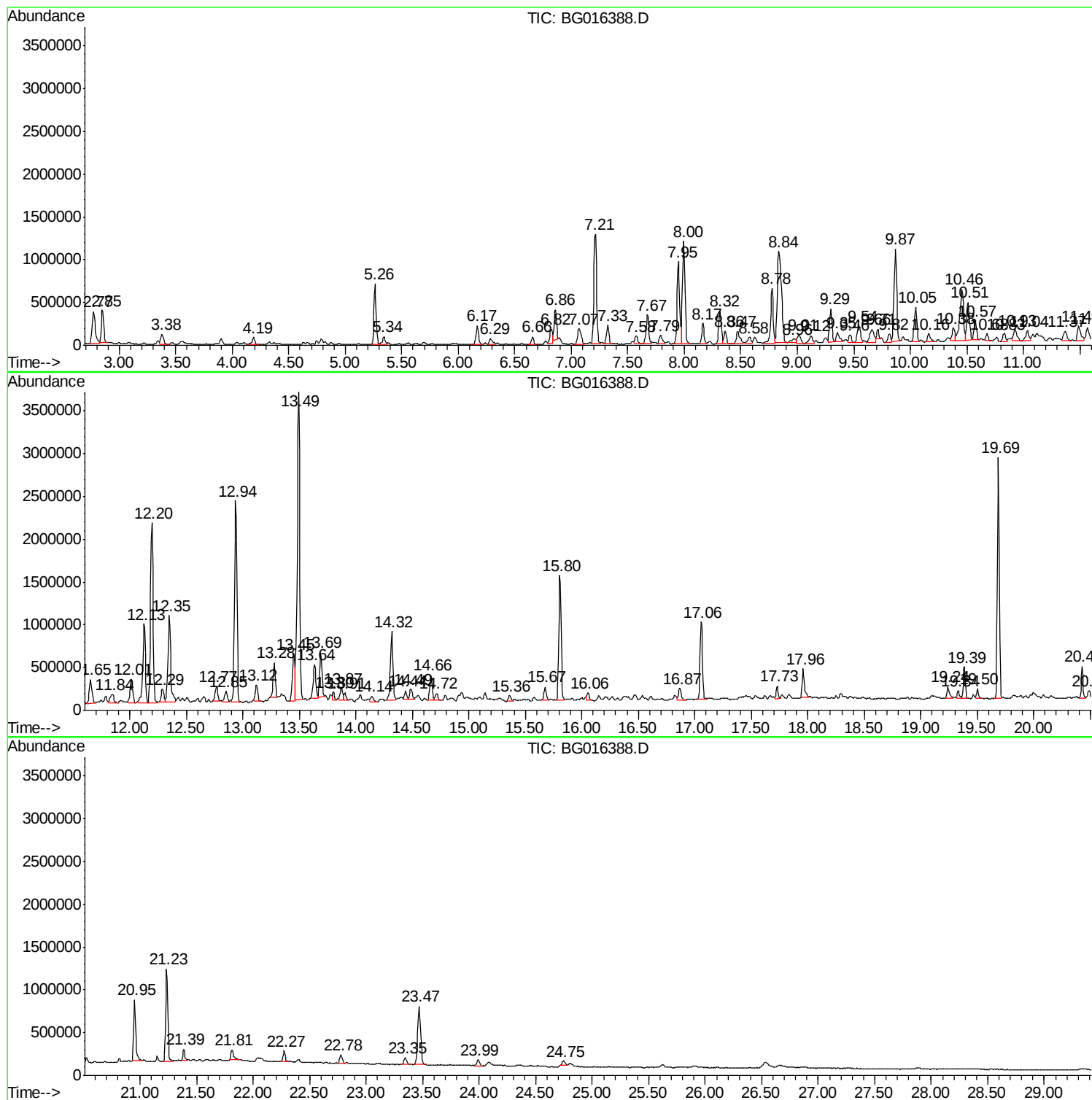
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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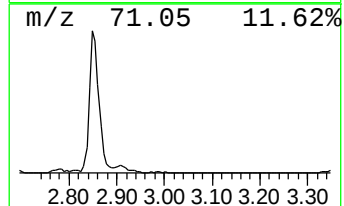
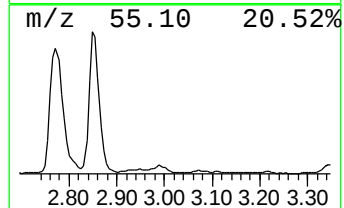
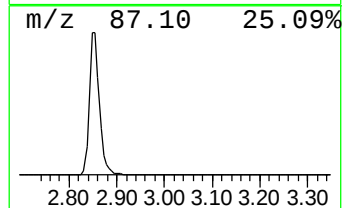
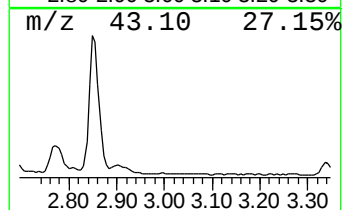
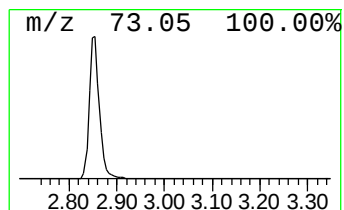
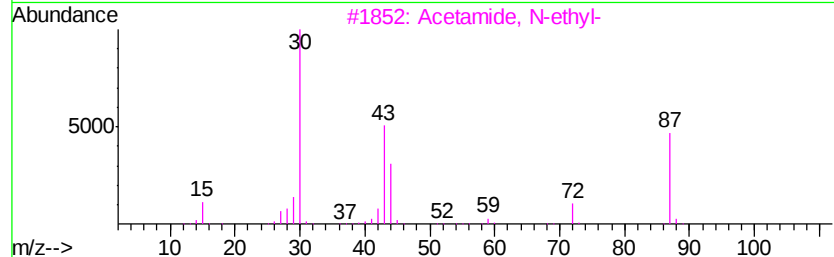
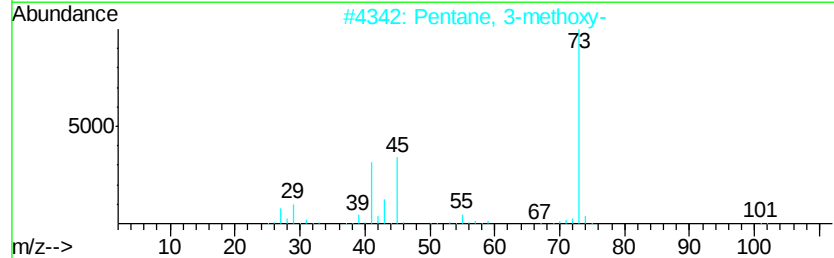
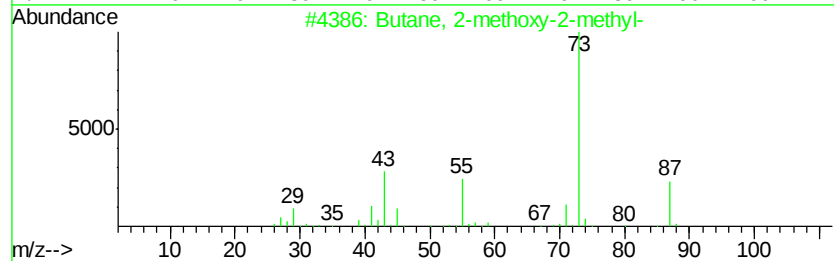
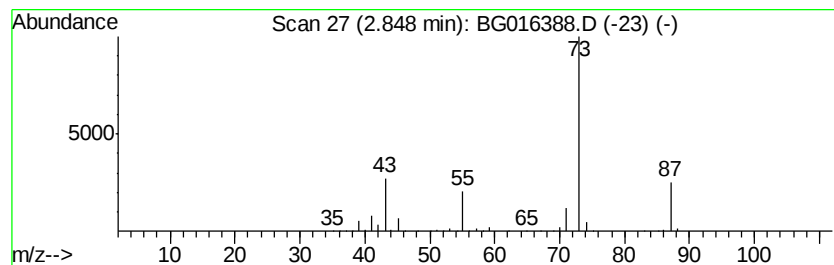
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	18.89 ng	538664	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7



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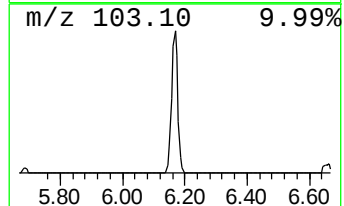
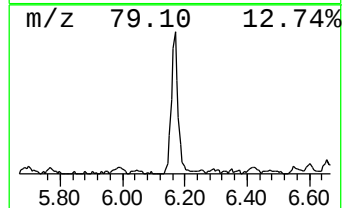
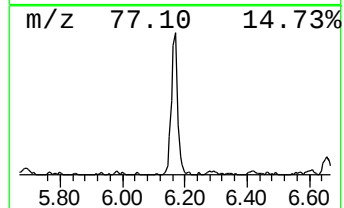
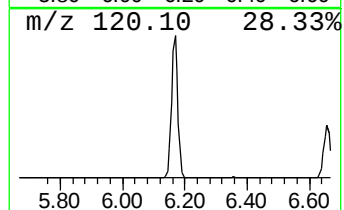
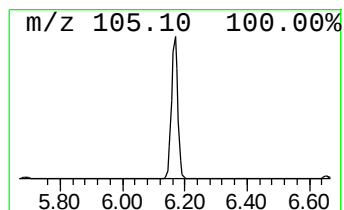
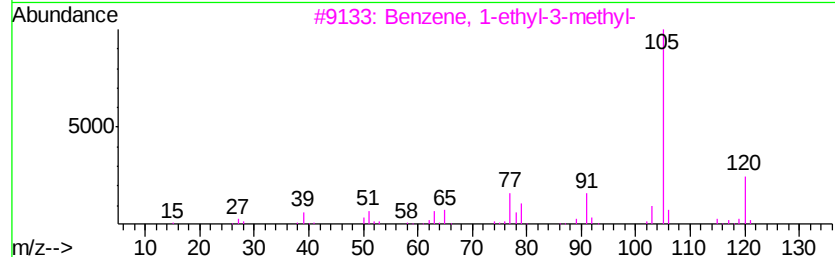
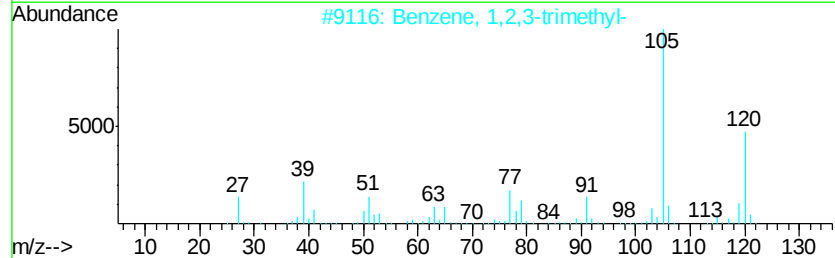
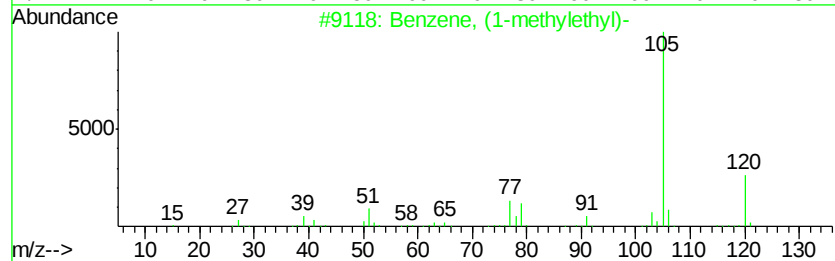
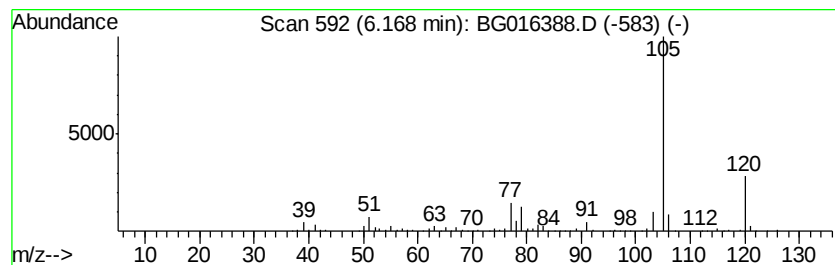
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	12.89 ng	367429	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
4		2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	80
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	78



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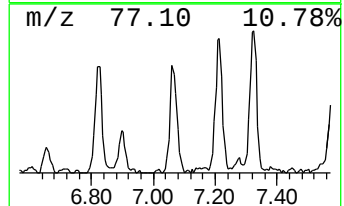
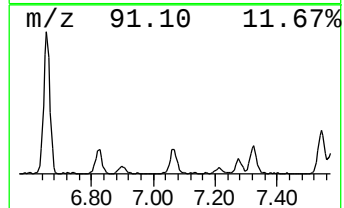
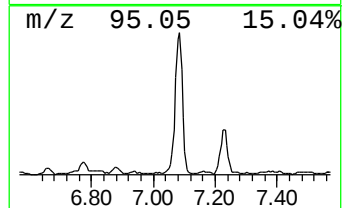
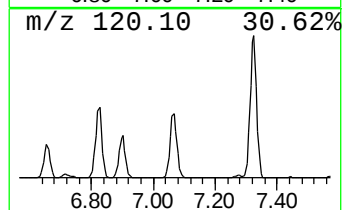
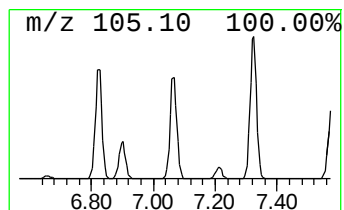
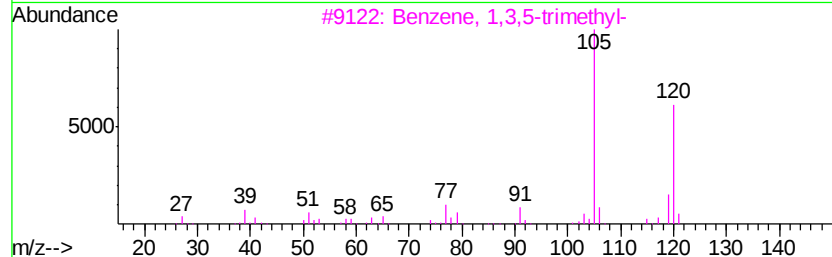
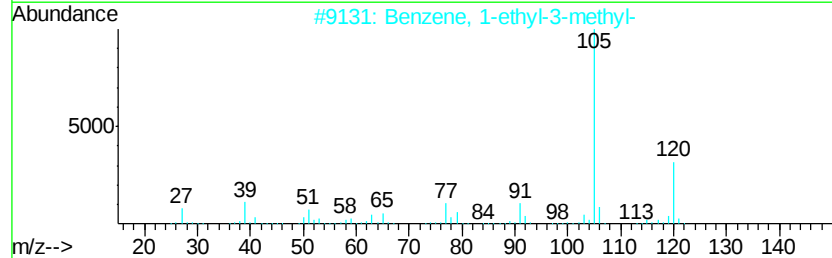
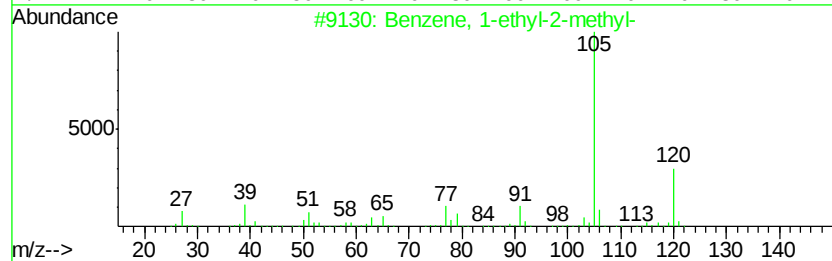
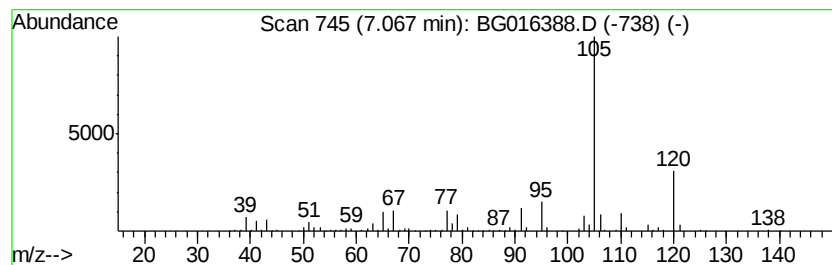
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	14.76 ng	420772	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	76
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016388.D
Acq On : 14 Apr 2015 8:55
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-01

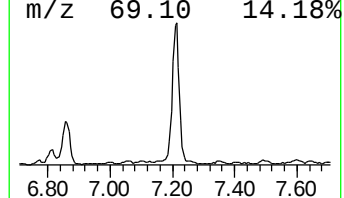
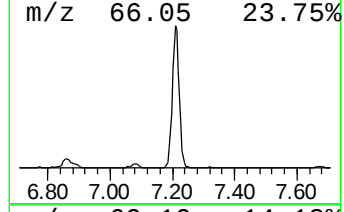
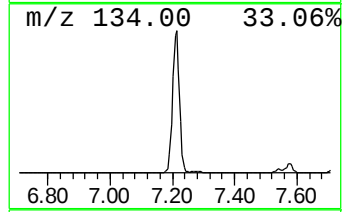
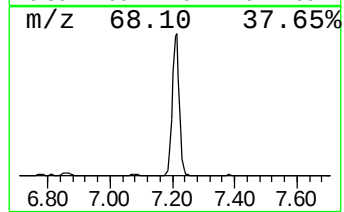
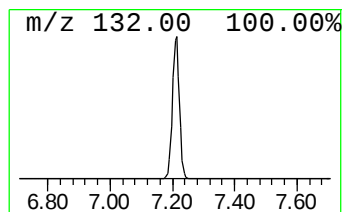
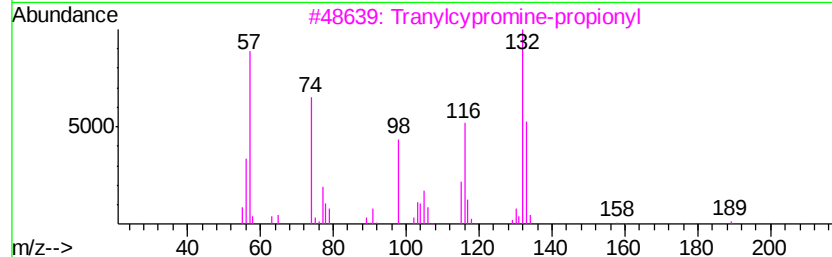
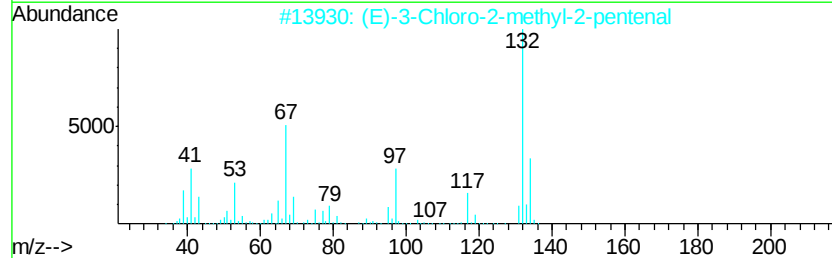
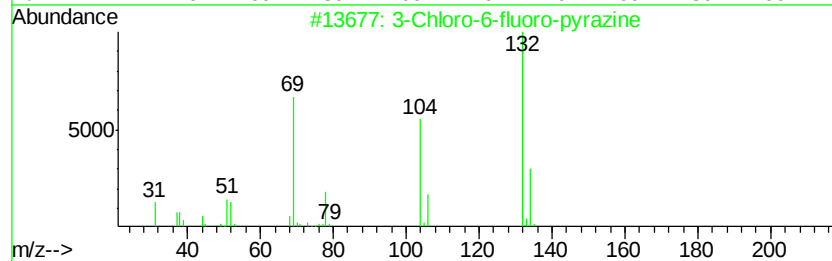
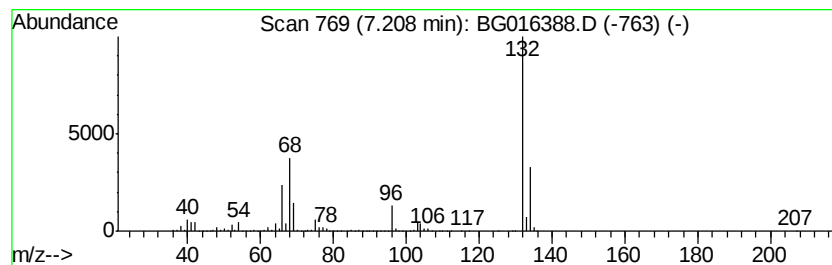
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.21 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	71.72 ng	2045030	1,4-Dichlorobenzene-d4	7.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016388.D
Acq On : 14 Apr 2015 8:55
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Sample : G1806-05
Misc :
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ClientSampleId :
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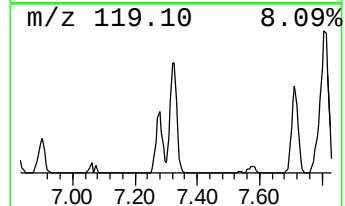
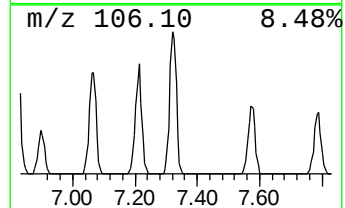
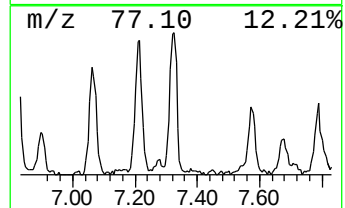
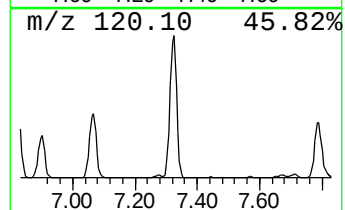
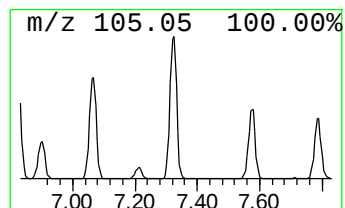
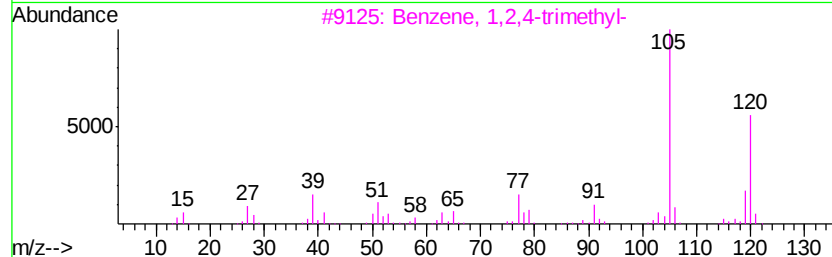
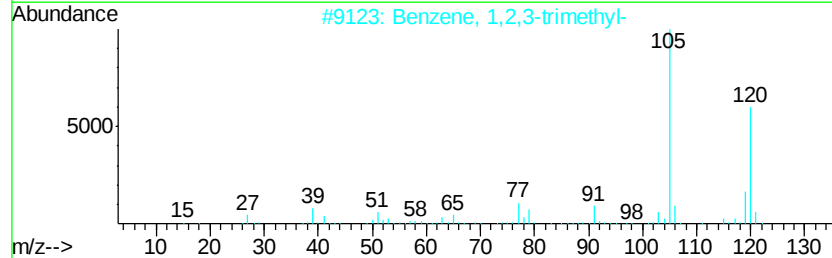
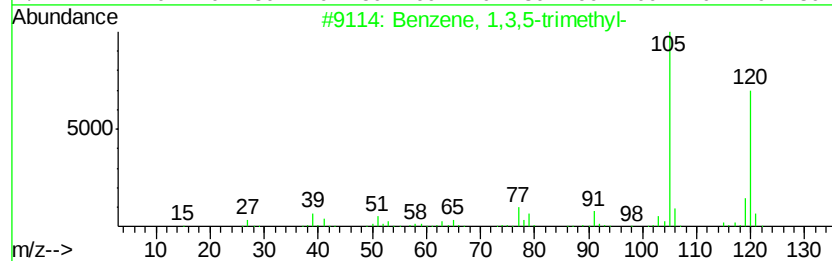
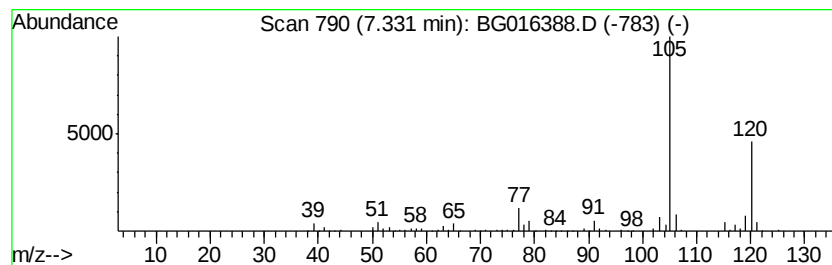
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	11.48 ng	327272	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016388.D
Acq On : 14 Apr 2015 8:55
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

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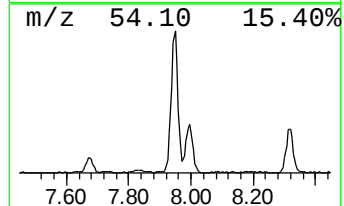
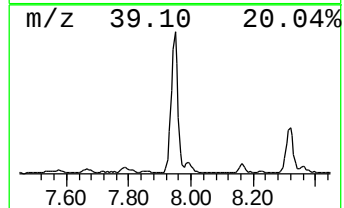
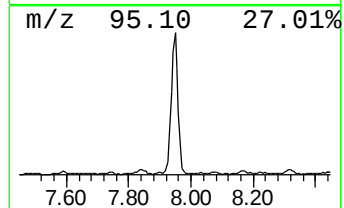
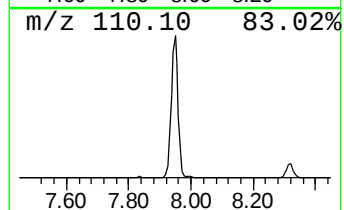
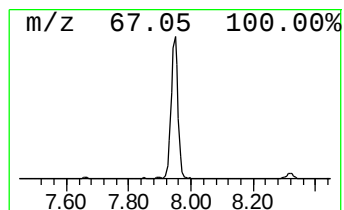
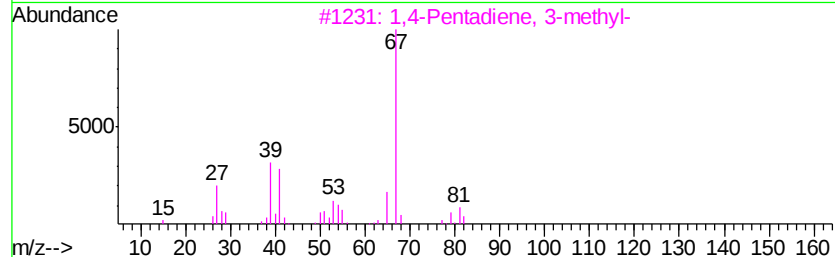
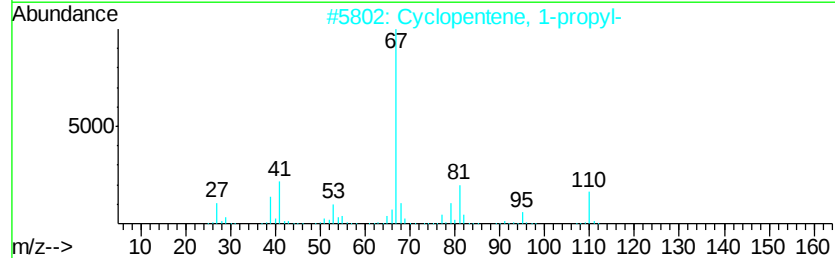
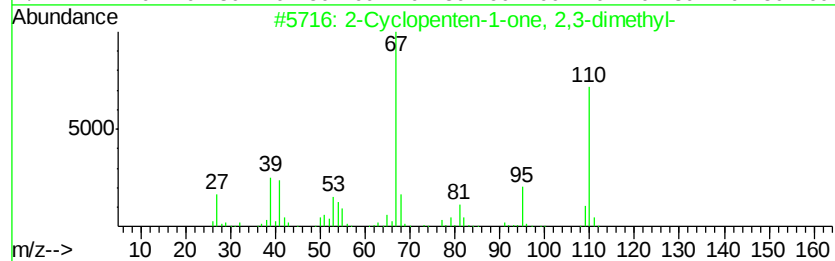
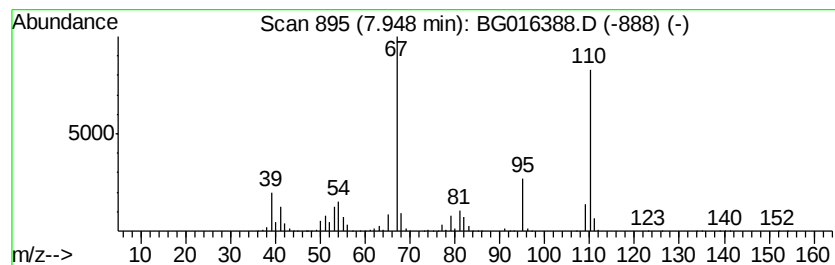
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	54.35 ng	1549930	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	91
2		Cyclopentene, 1-propyl-	110	C8H14	003074-61-1	72
3		1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	45
4		3(2H)-Pyridazinone, 6-methyl-	110	C5H6N2O	013327-27-0	38
5		4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016388.D
Acq On : 14 Apr 2015 8:55
Operator : TP/IZ
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Misc :
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ClientSampleId :
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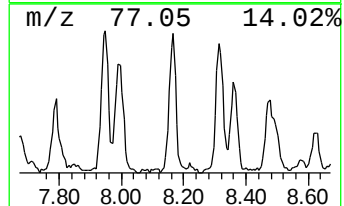
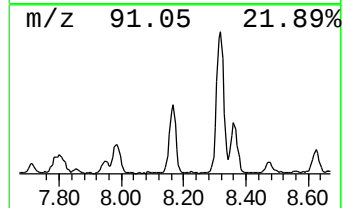
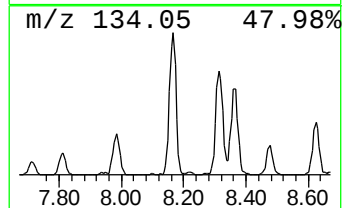
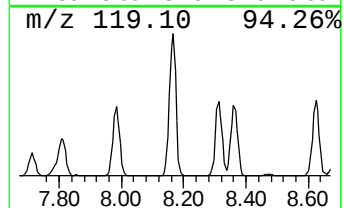
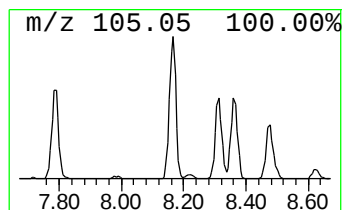
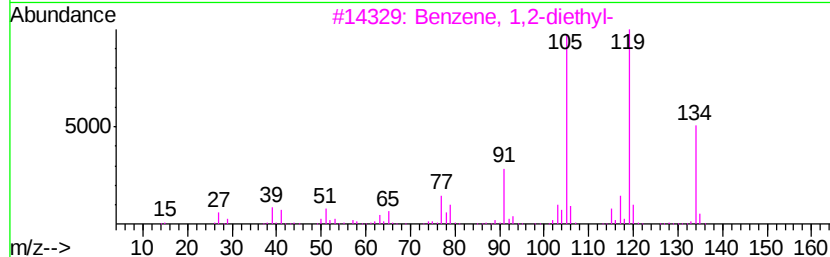
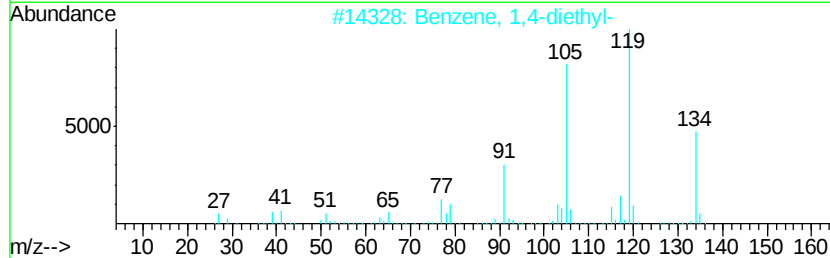
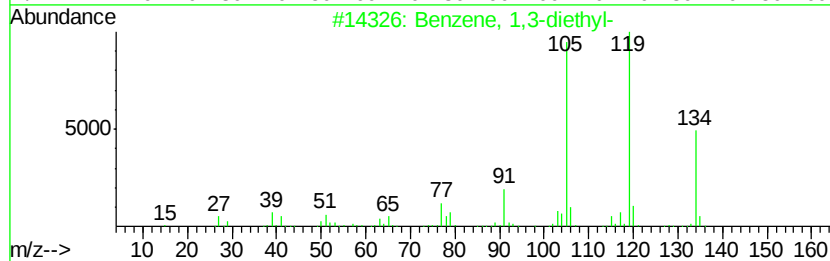
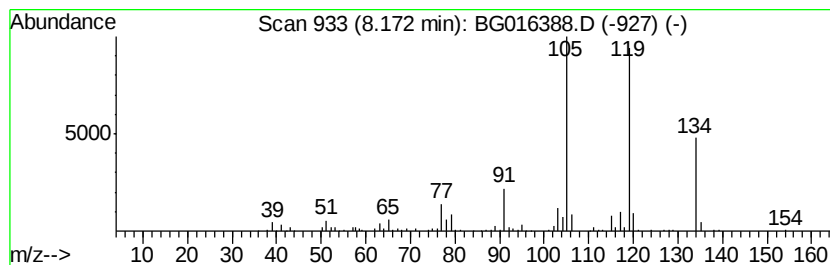
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	12.24 ng	348943	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016388.D
Acq On : 14 Apr 2015 8:55
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Misc :
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Instrument :
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ClientSampleId :
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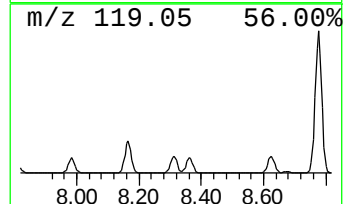
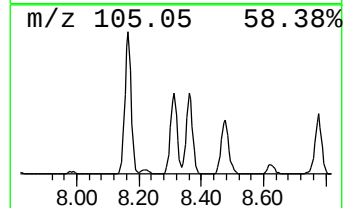
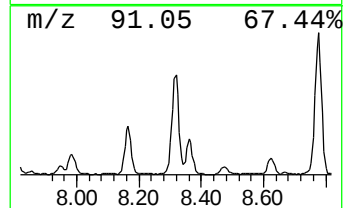
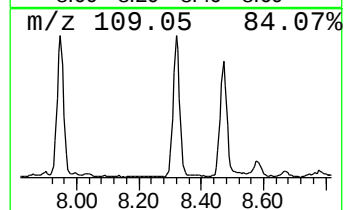
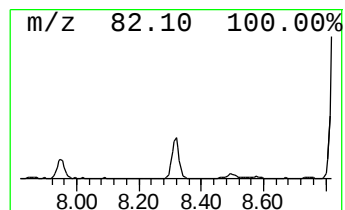
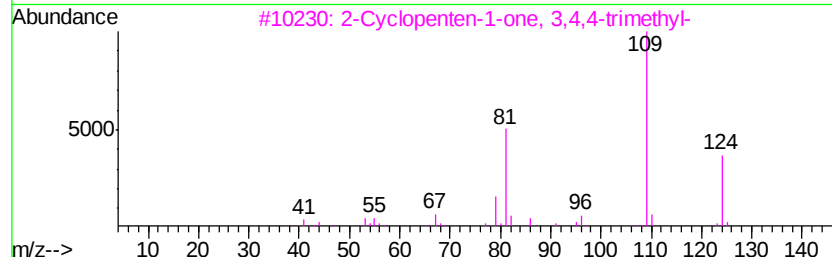
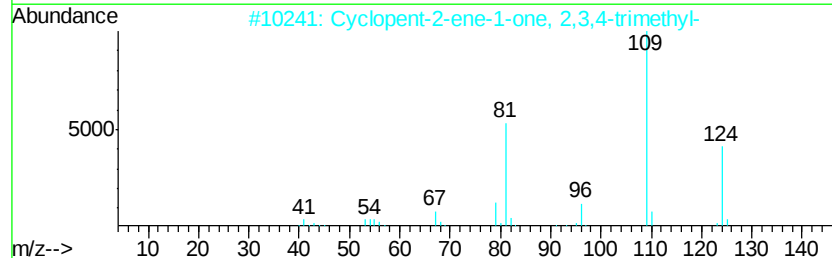
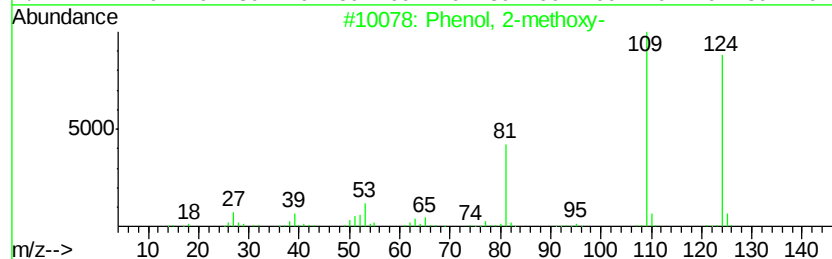
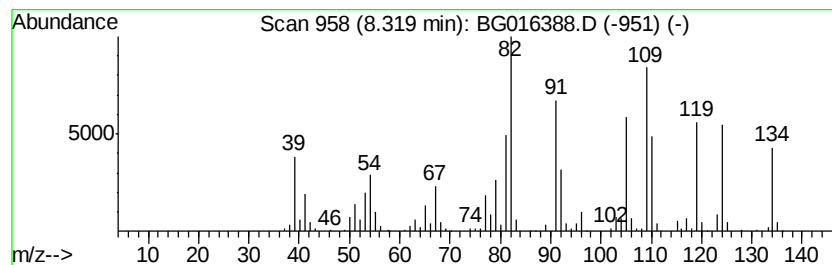
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.32 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	22.58 ng	643754	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	35
2		Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	27
3		2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	25
4		Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	25
5		Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
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ClientSampleId :
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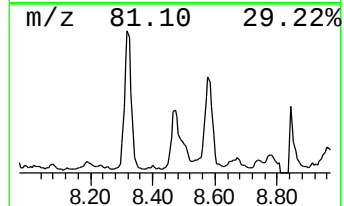
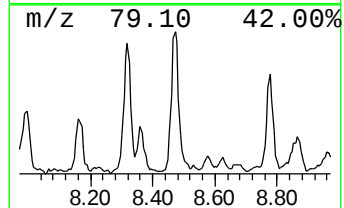
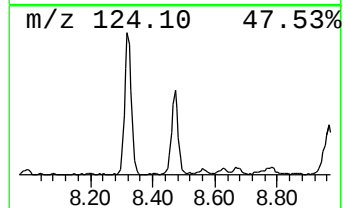
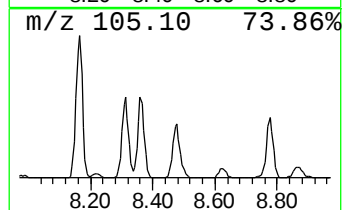
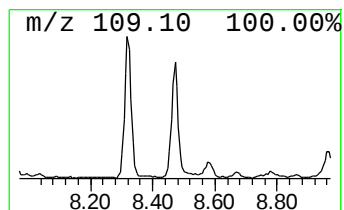
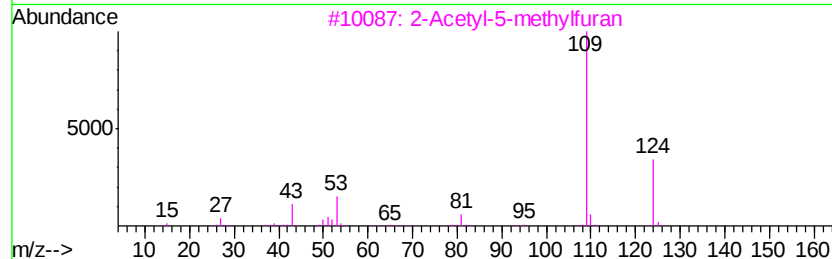
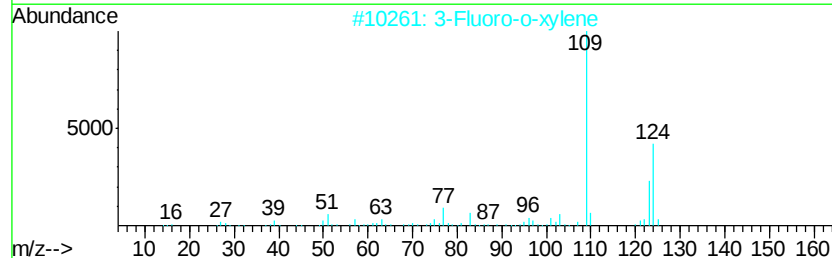
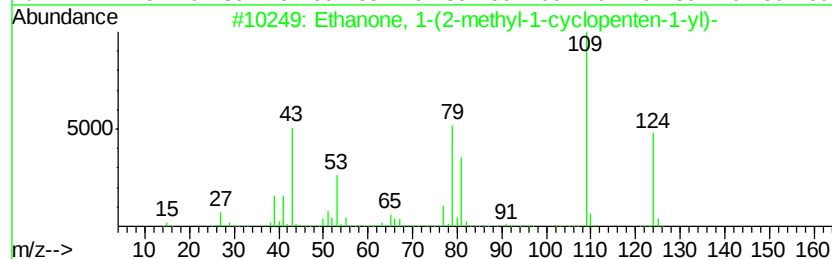
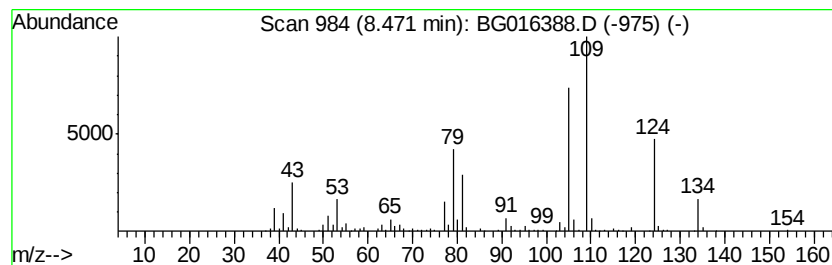
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Ethanone, 1-(2-methyl-1-cyc... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	11.35 ng	323556	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(2-methyl-1-cyclopent-1-yl)-	124	C8H12O	003168-90-9	93
2		3-Fluoro-o-xylene	124	C8H9F	000443-82-3	49
3		2-Acetyl-5-methylfuran	124	C7H8O2	001193-79-9	49
4		2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	49
5		5-Fluoro-m-xylene	124	C8H9F	000461-97-2	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016388.D
Acq On : 14 Apr 2015 8:55
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ClientSampleId :
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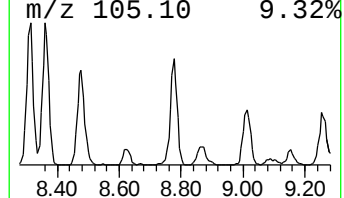
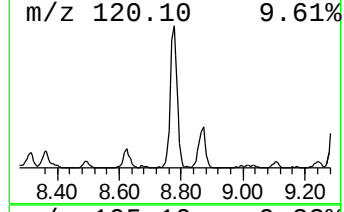
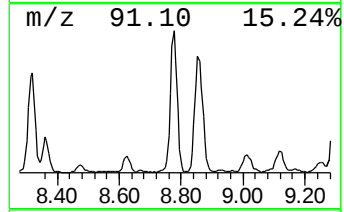
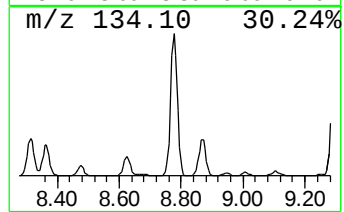
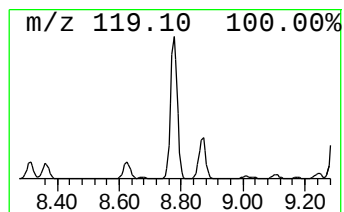
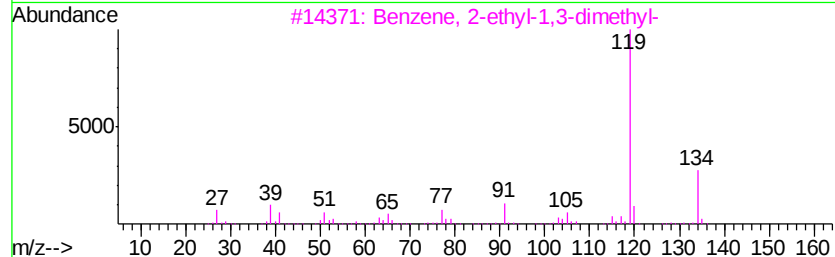
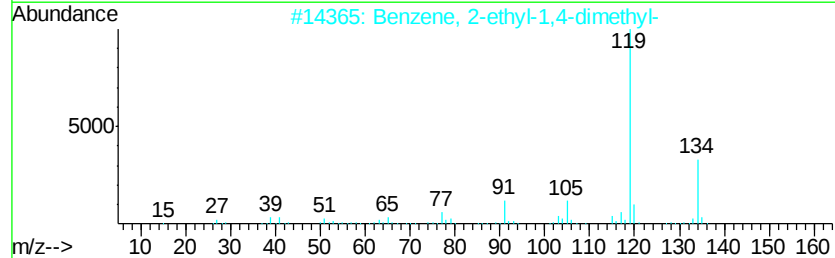
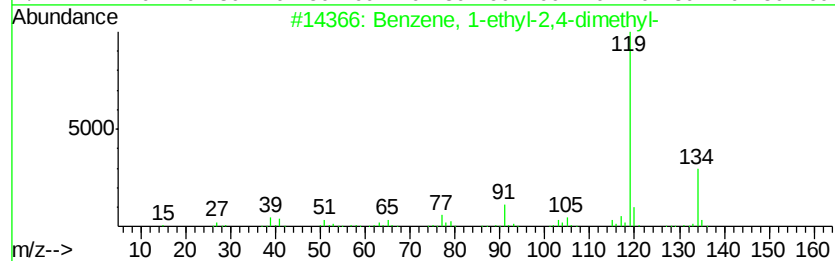
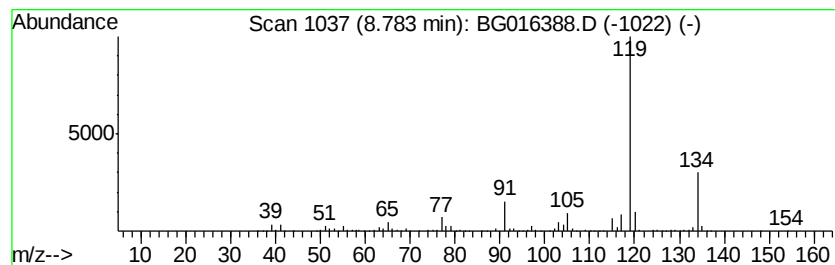
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	36.22 ng	1032960	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016388.D
Acq On : 14 Apr 2015 8:55
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-01

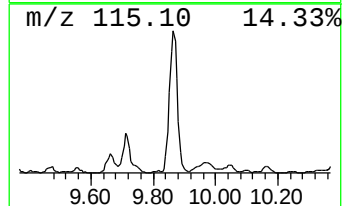
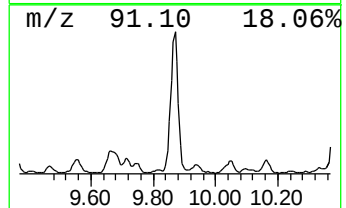
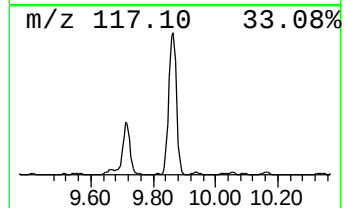
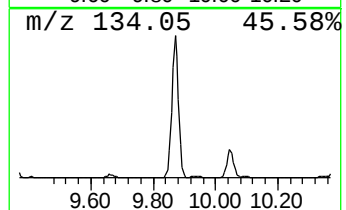
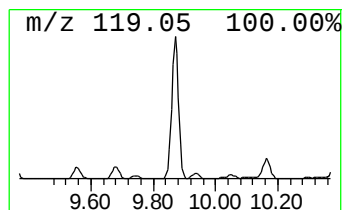
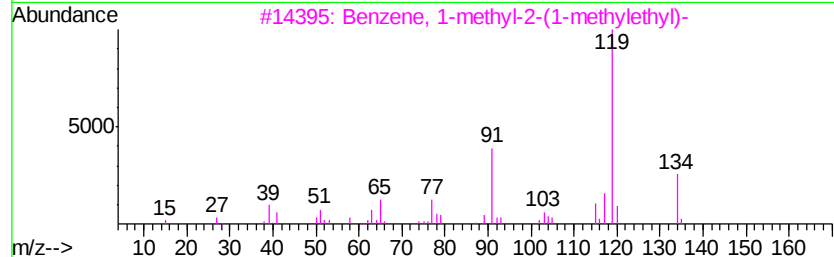
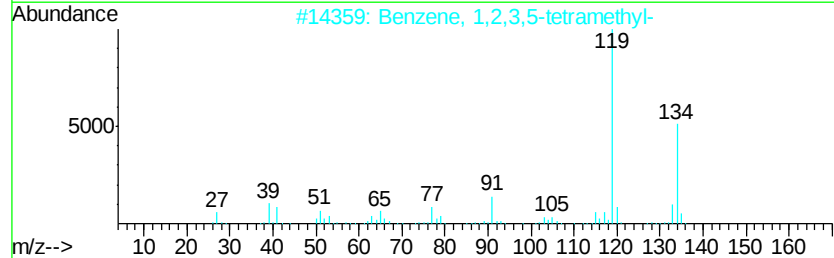
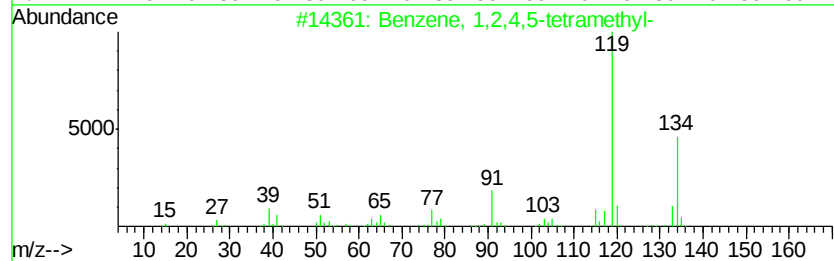
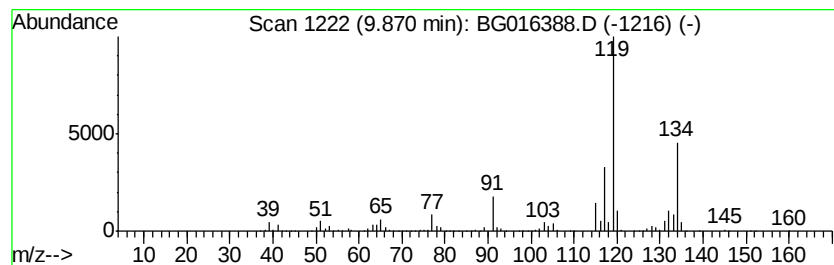
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	26.23 ng	1811890	Naphthalene-d8	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016388.D
Acq On : 14 Apr 2015 8:55
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

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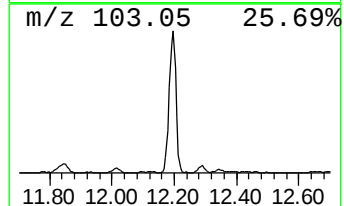
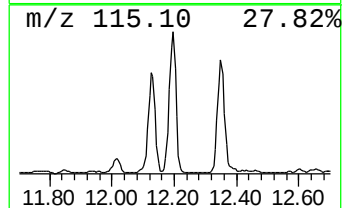
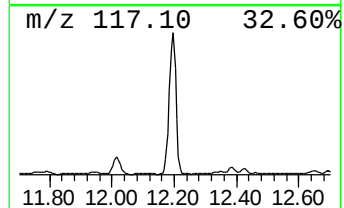
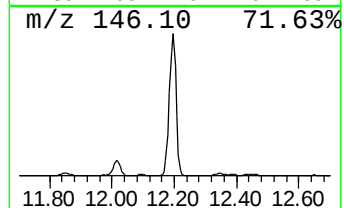
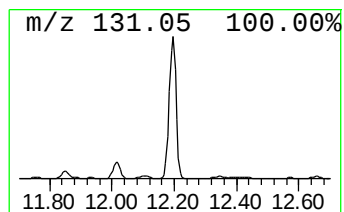
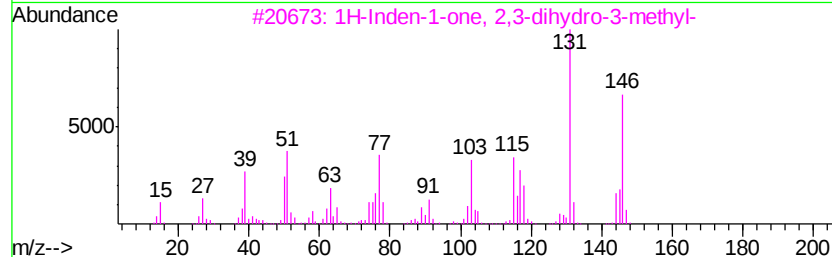
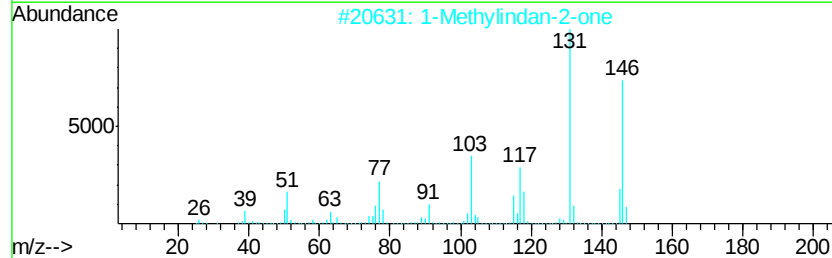
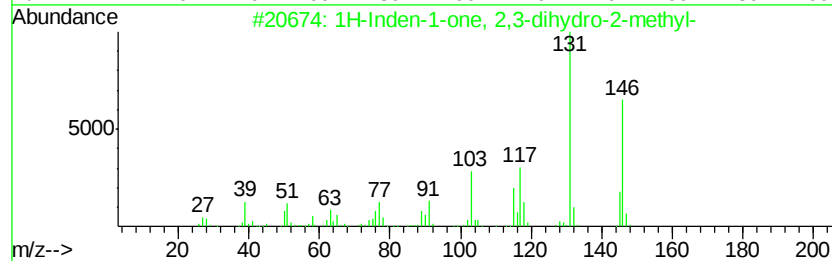
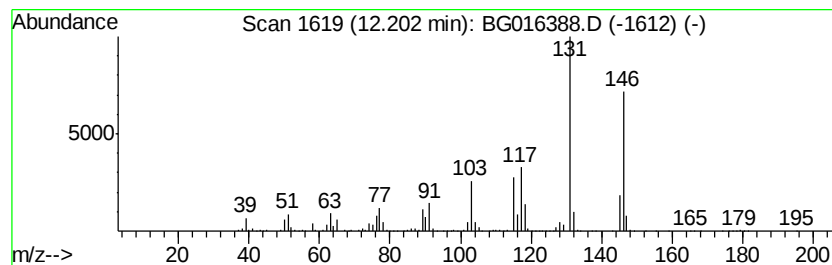
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	45.91 ng	3170650	Naphthalene-d8	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	97
2		1-Methylindan-2-one	146	C10H10O	035587-60-1	93
3		1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	90
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	74
5		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016388.D
Acq On : 14 Apr 2015 8:55
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

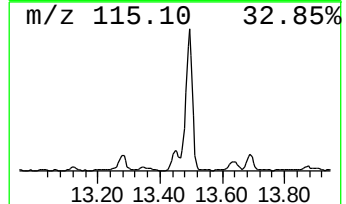
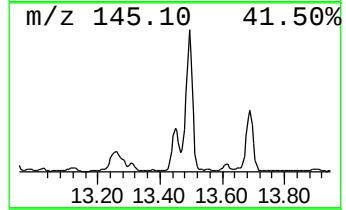
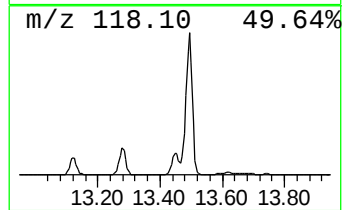
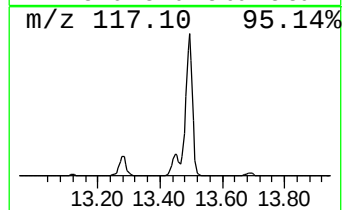
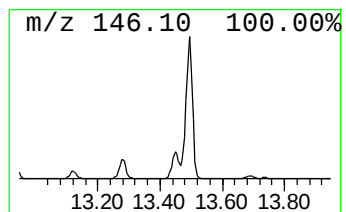
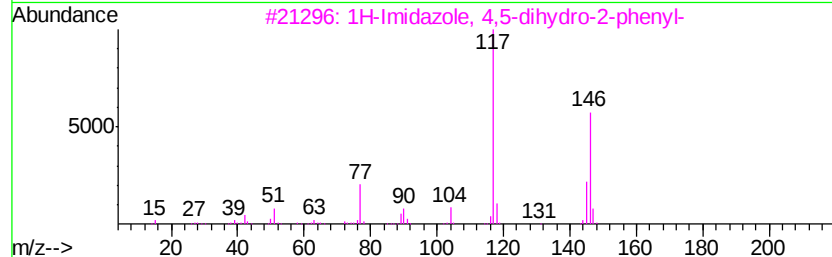
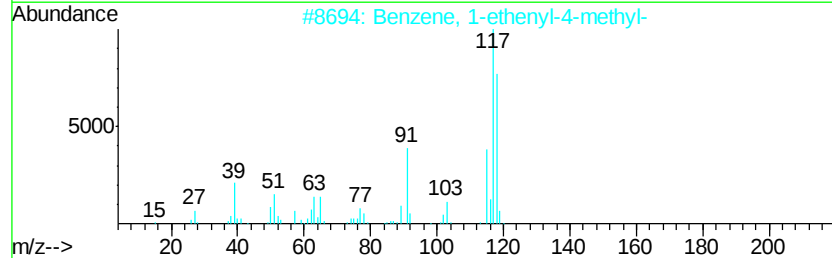
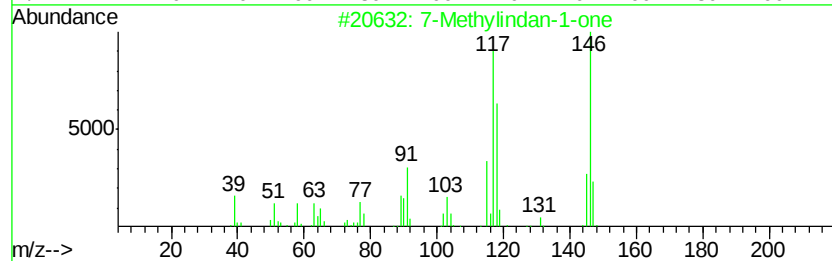
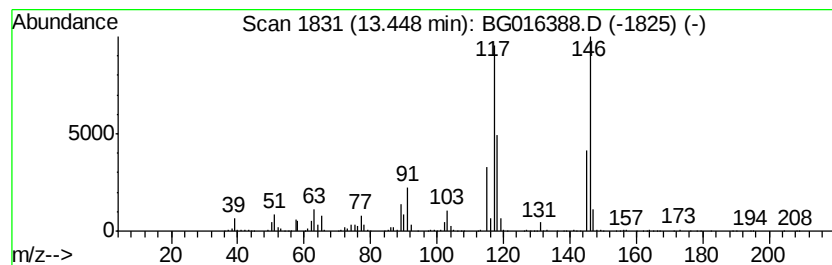
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 7-Methylindan-1-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	15.06 ng	959652	Acenaphthene-d10	14.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		7-Methylindan-1-one	146 C10H10O	039627-61-7 76
2		Benzene, 1-ethenyl-4-methyl-	118 C9H10	000622-97-9 64
3		1H-Imidazole, 4,5-dihydro-2-phenyl-	146 C9H10N2	000936-49-2 64
4		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 60
5		cis-.beta.-Methylstyrene	118 C9H10	000766-90-5 52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016388.D
Acq On : 14 Apr 2015 8:55
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-01

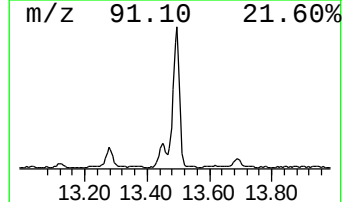
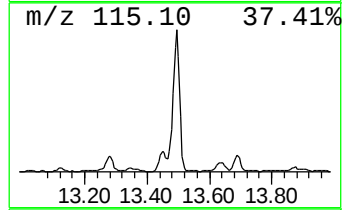
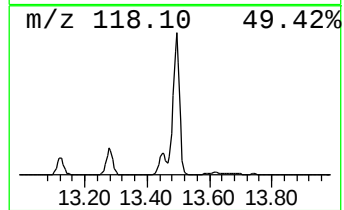
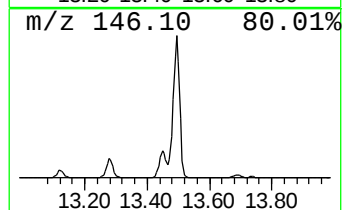
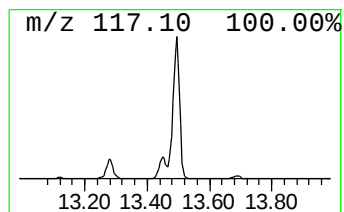
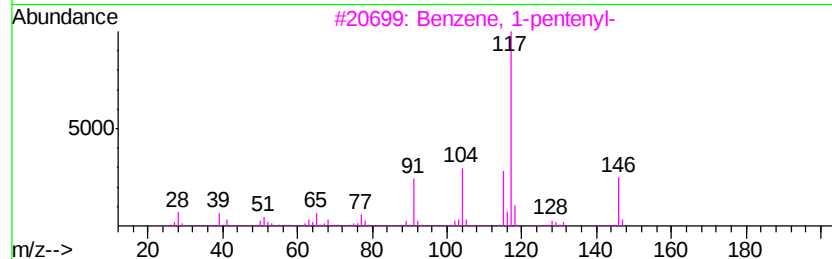
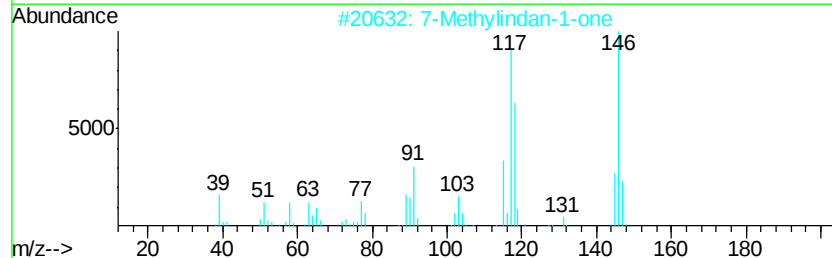
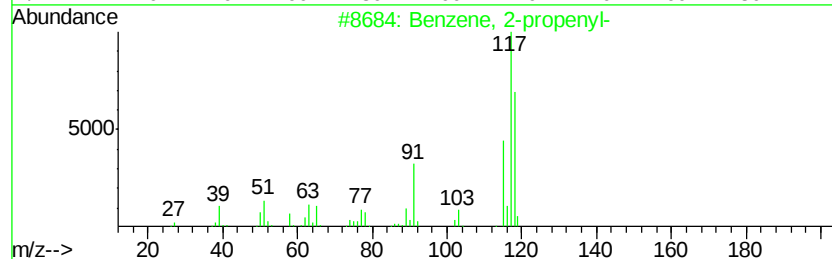
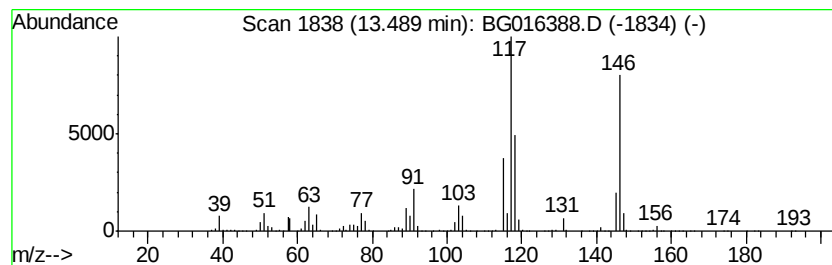
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 2-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	84.87 ng	5407430	Acenaphthene-d10	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	89
2		7-Methylindan-1-one	146	C10H10O	039627-61-7	72
3		Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64
4		1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	62
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016388.D
Acq On : 14 Apr 2015 8:55
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

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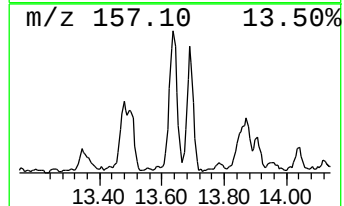
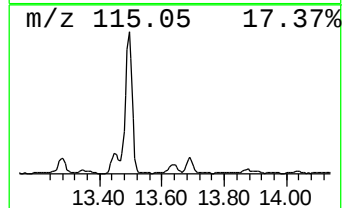
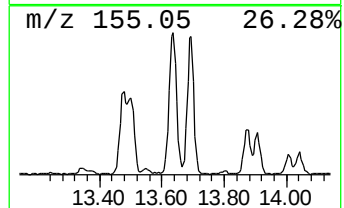
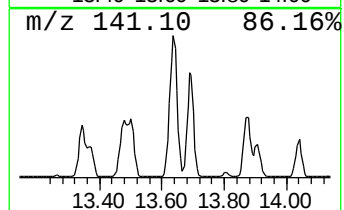
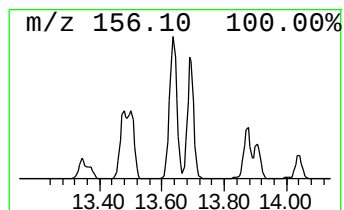
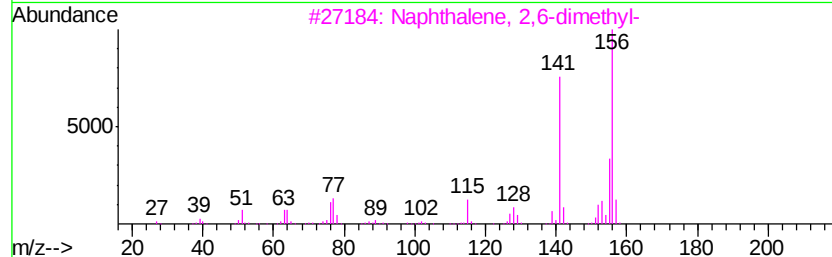
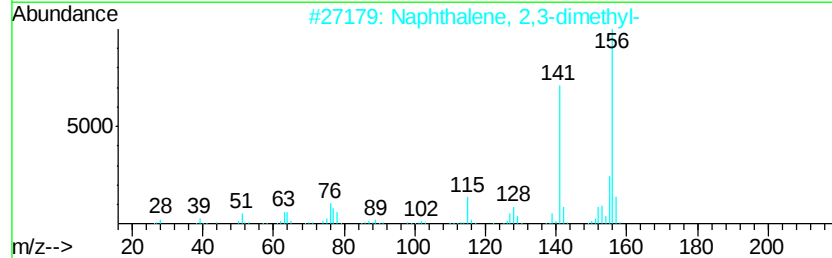
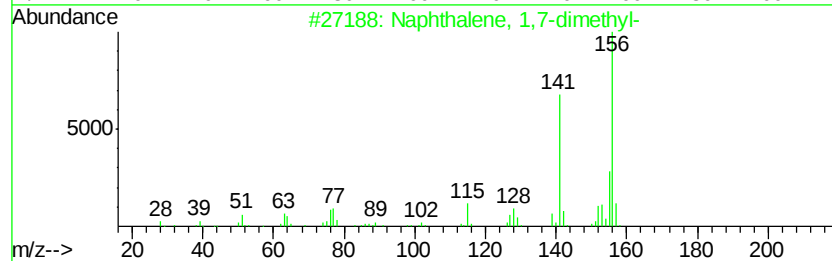
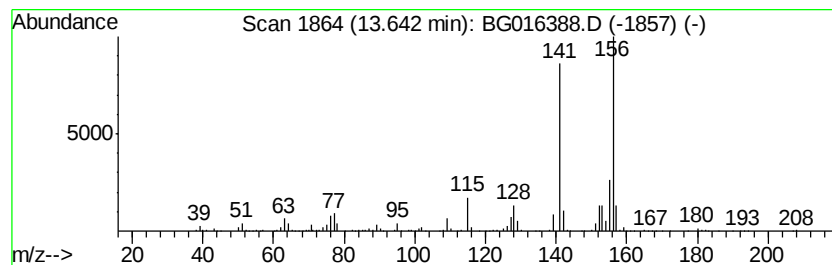
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	10.74 ng	684377	Acenaphthene-d10	14.32

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016388.D
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Sample : G1806-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

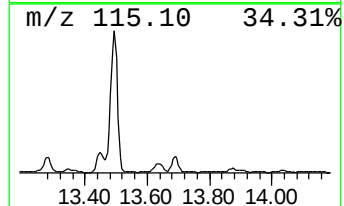
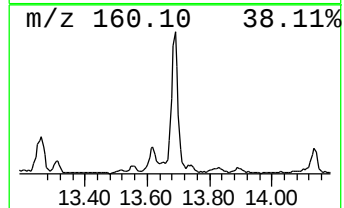
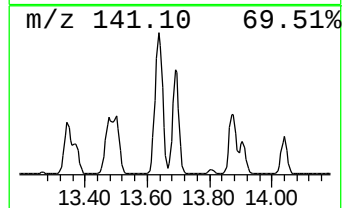
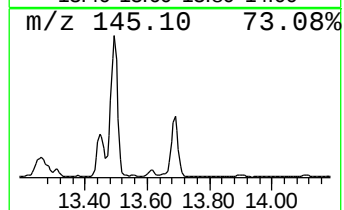
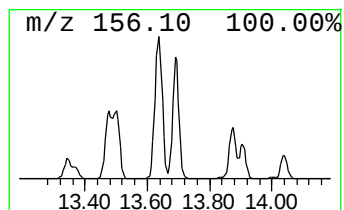
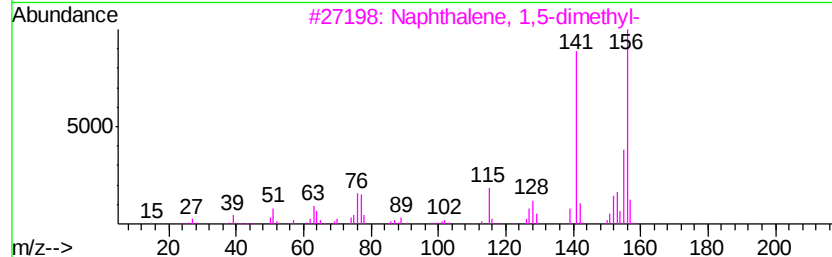
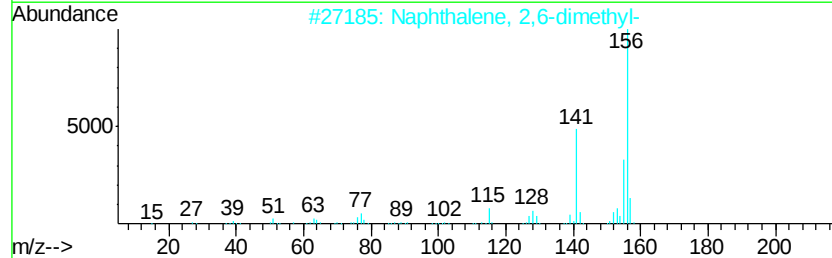
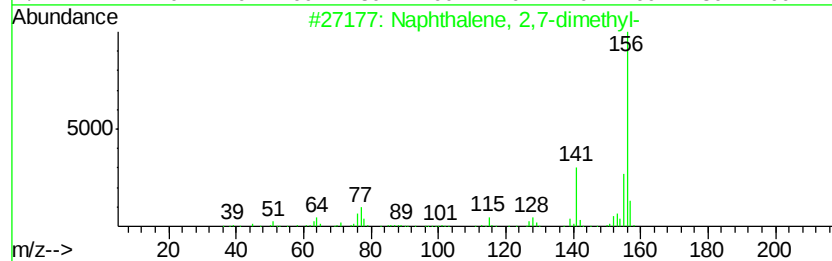
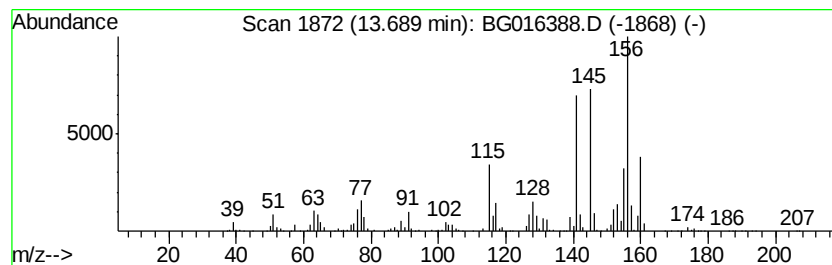
Instrument :
BNA_G
ClientSampleId :
MW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	11.84 ng	754600	Acenaphthene-d10	14.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 95
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 95
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016388.D
Acq On : 14 Apr 2015 8:55
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

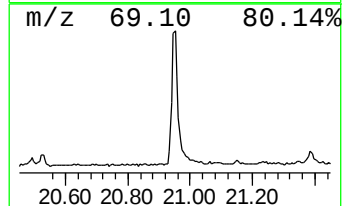
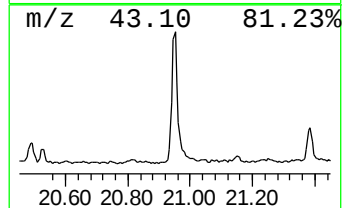
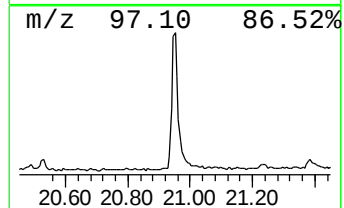
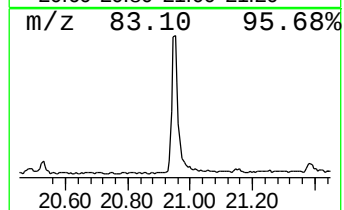
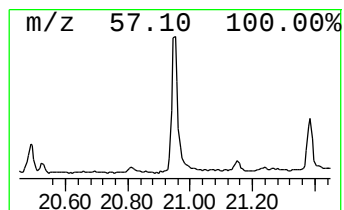
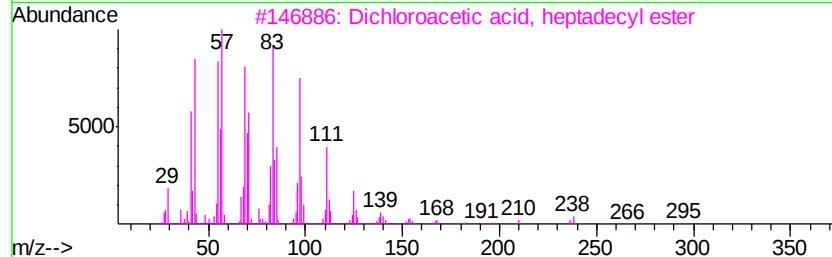
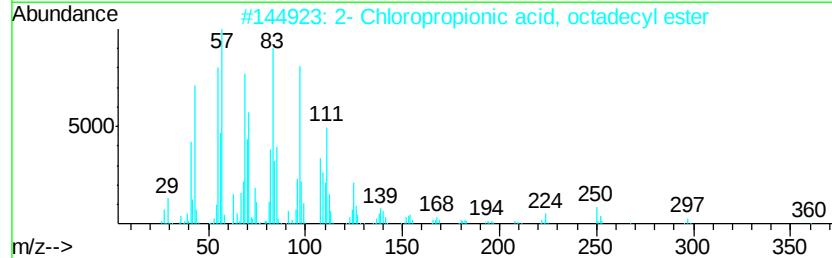
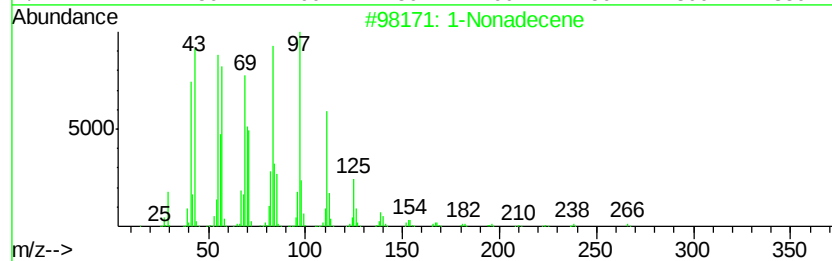
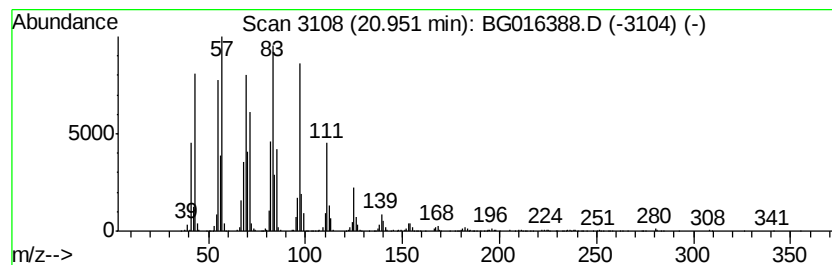
Instrument :
BNA_G
ClientSampleId :
MW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Nonadecene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	13.91 ng	980803	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	97
2	2- Chloropropionic acid, octadec...	360 C21H41ClO2	088104-31-8	93
3	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	93
4	Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1	91
5	17-Pentatriacontene	491 C35H70	006971-40-0	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016388.D
 Acq On : 14 Apr 2015 8:55
 Operator : TP/IZ
 Sample : G1806-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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...	2.85	18.9	ng	538664	1	7.67	570307	20.0
Benzene, (1-methy...	6.17	12.9	ng	367429	1	7.67	570307	20.0
Benzene, 1-ethyl-...	7.07	14.8	ng	420772	1	7.67	570307	20.0
unknown7.21	7.21	71.7	ng	2045030	1	7.67	570307	20.0
Benzene, 1,3,5-tr...	7.33	11.5	ng	327272	1	7.67	570307	20.0
2-Cyclopenten-1-o...	7.95	54.4	ng	1549930	1	7.67	570307	20.0
Benzene, 1,3-diet...	8.17	12.2	ng	348943	1	7.67	570307	20.0
unknown8.32	8.32	22.6	ng	643754	1	7.67	570307	20.0
Ethanone, 1-(2-me...	8.47	11.4	ng	323556	1	7.67	570307	20.0
Benzene, 1-ethyl-...	8.78	36.2	ng	1032960	1	7.67	570307	20.0
Benzene, 1,2,4,5-...	9.87	26.2	ng	1811890	2	10.46	1381390	20.0
1H-Inden-1-one, 2...	12.20	45.9	ng	3170650	2	10.46	1381390	20.0
7-Methylindan-1-one	13.45	15.1	ng	959652	3	14.32	1274330	20.0
Benzene, 2-propenyl-	13.49	84.9	ng	5407430	3	14.32	1274330	20.0
Naphthalene, 1,7-...	13.64	10.7	ng	684377	3	14.32	1274330	20.0
Naphthalene, 2,7-...	13.69	11.8	ng	754600	3	14.32	1274330	20.0
1-Nonadecene	20.95	13.9	ng	980803	5	21.23	1410150	20.0