

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023872.D
 Acq On : 24 Aug 2016 3:00
 Operator : UM/SJ
 Sample : H4556-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-17A-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-BG080116.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	5.155	388	394	403	rVB	201160	324221	4.36%	0.520%
2	5.631	469	475	484	rBV	910061	1562678	21.01%	2.506%
3	7.158	730	735	740	rBV	83668	137477	1.85%	0.220%
4	7.246	740	750	756	rVV	583807	1226057	16.48%	1.966%
5	7.293	756	758	767	rVB2	105613	150666	2.03%	0.242%
6	7.464	781	787	793	rBV	146103	231636	3.11%	0.371%
7	7.616	805	813	821	rBV	1682316	2996264	40.28%	4.805%
8	7.722	828	831	841	rVB	82078	131780	1.77%	0.211%
9	8.092	888	894	907	rVB2	408882	795691	10.70%	1.276%
10	8.204	907	913	920	rBV4	70958	165128	2.22%	0.265%
11	8.415	936	949	955	rBV	1607154	2862355	38.48%	4.590%
12	8.468	955	958	964	rVB	98138	147714	1.99%	0.237%
13	8.574	971	976	982	rBV4	66440	135225	1.82%	0.217%
14	8.633	982	986	994	rVB	96288	194046	2.61%	0.311%
15	8.727	996	1002	1007	rBV	221584	389823	5.24%	0.625%
16	8.891	1025	1030	1035	rBV	65787	114451	1.54%	0.184%
17	9.044	1052	1056	1060	rBV2	59705	101093	1.36%	0.162%
18	9.097	1060	1065	1071	rVB2	93122	166219	2.23%	0.267%
19	9.197	1071	1082	1088	rBV3	234793	448520	6.03%	0.719%
20	9.273	1088	1095	1108	rVB2	1468594	3047120	40.96%	4.887%
21	9.443	1117	1124	1133	rVB8	56931	156439	2.10%	0.251%
22	9.537	1133	1140	1146	rBV2	94183	196531	2.64%	0.315%
23	9.731	1168	1173	1177	rBV	90896	129799	1.74%	0.208%
24	9.790	1177	1183	1198	rVB	196641	417380	5.61%	0.669%
25	9.984	1208	1216	1220	rBV5	61476	136171	1.83%	0.218%
26	10.031	1220	1224	1229	rVB4	76760	120191	1.62%	0.193%
27	10.101	1229	1236	1241	rBV4	120464	257826	3.47%	0.413%
28	10.160	1241	1246	1255	rVB6	96241	248369	3.34%	0.398%
29	10.260	1255	1263	1264	rBV7	41818	82067	1.10%	0.132%
30	10.313	1264	1272	1278	rVV2	552344	1044642	14.04%	1.675%
31	10.371	1278	1282	1287	rVB2	78189	114026	1.53%	0.183%
32	10.489	1293	1302	1307	rVB5	91366	266197	3.58%	0.427%
33	10.548	1307	1312	1318	rVV2	107646	174026	2.34%	0.279%
34	10.606	1318	1322	1331	rVB2	83913	153720	2.07%	0.247%

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Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.771	1344	1350	1351	rBV6	49641	76395	1.03%	0.123%
36	10.871	1362	1367	1368	rBV	206971	278455	3.74%	0.447%
37	10.924	1372	1376	1382	rVB	410492	732484	9.85%	1.175%
38	11.029	1390	1394	1402	rVB2	241854	493933	6.64%	0.792%
39	11.129	1402	1411	1416	rVB3	123558	280409	3.77%	0.450%
40	11.282	1432	1437	1441	rBV4	82005	151477	2.04%	0.243%
41	11.399	1453	1457	1463	rVB5	63445	126933	1.71%	0.204%
42	11.499	1468	1474	1477	rBV8	39964	98247	1.32%	0.158%
43	11.582	1485	1488	1492	rBV2	90699	142259	1.91%	0.228%
44	11.834	1524	1531	1537	rVB2	147705	312353	4.20%	0.501%
45	11.922	1542	1546	1549	rBV	91347	124373	1.67%	0.199%
46	12.028	1558	1564	1569	rVB3	210934	358687	4.82%	0.575%
47	12.110	1574	1578	1586	rBV6	124696	256805	3.45%	0.412%
48	12.240	1598	1600	1606	rVB	91127	144417	1.94%	0.232%
49	12.310	1606	1612	1619	rBV4	232953	504616	6.78%	0.809%
50	12.474	1637	1640	1647	rVB4	80737	143499	1.93%	0.230%
51	12.539	1647	1651	1656	rVV4	109353	158331	2.13%	0.254%
52	12.586	1656	1659	1664	rVB5	51560	83514	1.12%	0.134%
53	12.774	1687	1691	1693	rBV3	113305	184680	2.48%	0.296%
54	12.874	1705	1708	1716	rVB3	109518	182322	2.45%	0.292%
55	13.103	1742	1747	1752	rBV3	119728	192896	2.59%	0.309%
56	13.268	1771	1775	1784	rBV3	185626	352390	4.74%	0.565%
57	13.379	1787	1794	1803	rVB	3434847	5644665	75.89%	9.053%
58	13.549	1819	1823	1827	rBV7	56561	110939	1.49%	0.178%
59	13.632	1834	1837	1841	rBV6	46695	80959	1.09%	0.130%
60	13.685	1842	1846	1850	rVB	101958	168301	2.26%	0.270%
61	13.920	1877	1886	1895	rBV3	396569	1087369	14.62%	1.744%
62	14.078	1908	1913	1918	rBV2	253218	448325	6.03%	0.719%
63	14.131	1918	1922	1925	rBV3	156199	240956	3.24%	0.386%
64	14.207	1930	1935	1939	rVB2	419789	687385	9.24%	1.102%
65	14.313	1949	1953	1957	rBV	189770	300179	4.04%	0.481%
66	14.484	1979	1982	1984	rBV4	65953	79026	1.06%	0.127%
67	14.578	1992	1998	2002	rBV10	90469	166337	2.24%	0.267%
68	14.765	2024	2030	2035	rBV2	787473	1291506	17.36%	2.071%
69	14.965	2058	2064	2073	rVB5	293525	799121	10.74%	1.282%
70	15.047	2074	2078	2079	rBV3	111083	144406	1.94%	0.232%
71	15.153	2089	2096	2105	rVB4	378258	908599	12.22%	1.457%

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 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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72	15.235	2105	2110	2117	rBV4	312428	622818	8.37%	0.999%
73	15.376	2129	2134	2139	rBV	326349	590105	7.93%	0.946%
74	15.429	2140	2143	2147	rVB2	185708	232390	3.12%	0.373%
75	15.547	2157	2163	2166	rBV4	168402	342567	4.61%	0.549%
76	15.582	2166	2169	2174	rVB3	215160	288782	3.88%	0.463%
77	15.770	2198	2201	2203	rBV4	95257	120804	1.62%	0.194%
78	15.940	2226	2230	2233	rBV	294478	387973	5.22%	0.622%
79	15.982	2233	2237	2242	rVB3	217350	396007	5.32%	0.635%
80	16.093	2251	2256	2260	rBV7	134130	319180	4.29%	0.512%
81	16.211	2266	2276	2280	rBV10	183829	487997	6.56%	0.783%
82	16.263	2280	2285	2292	rVB	3004543	4606280	61.93%	7.387%
83	16.475	2314	2321	2332	rVB5	509833	1243458	16.72%	1.994%
84	16.622	2342	2346	2350	rBV2	179166	264619	3.56%	0.424%
85	16.874	2387	2389	2398	rVB6	219380	405624	5.45%	0.651%
86	17.027	2412	2415	2418	rBV5	107331	141365	1.90%	0.227%
87	17.068	2419	2422	2425	rBV4	126456	183194	2.46%	0.294%
88	17.297	2457	2461	2465	rBV	412061	552079	7.42%	0.885%
89	17.526	2495	2500	2505	rBV	1030083	1496254	20.12%	2.400%
90	18.402	2645	2649	2654	rBV4	295582	509445	6.85%	0.817%
91	18.590	2677	2681	2685	rBV3	169458	245702	3.30%	0.394%
92	19.195	2781	2784	2787	rVB2	154452	165843	2.23%	0.266%
93	19.312	2800	2804	2809	rBV	350350	573602	7.71%	0.920%
94	19.947	2910	2912	2919	rVB3	233489	328985	4.42%	0.528%
95	20.017	2920	2924	2928	rVB	200228	312610	4.20%	0.501%
96	20.135	2939	2944	2949	rVB	5804013	7438378	100.00%	11.929%
97	21.838	3229	3234	3245	rVB	1117656	1893069	25.45%	3.036%
98	25.216	3801	3809	3824	rVB2	653270	1842357	24.77%	2.955%

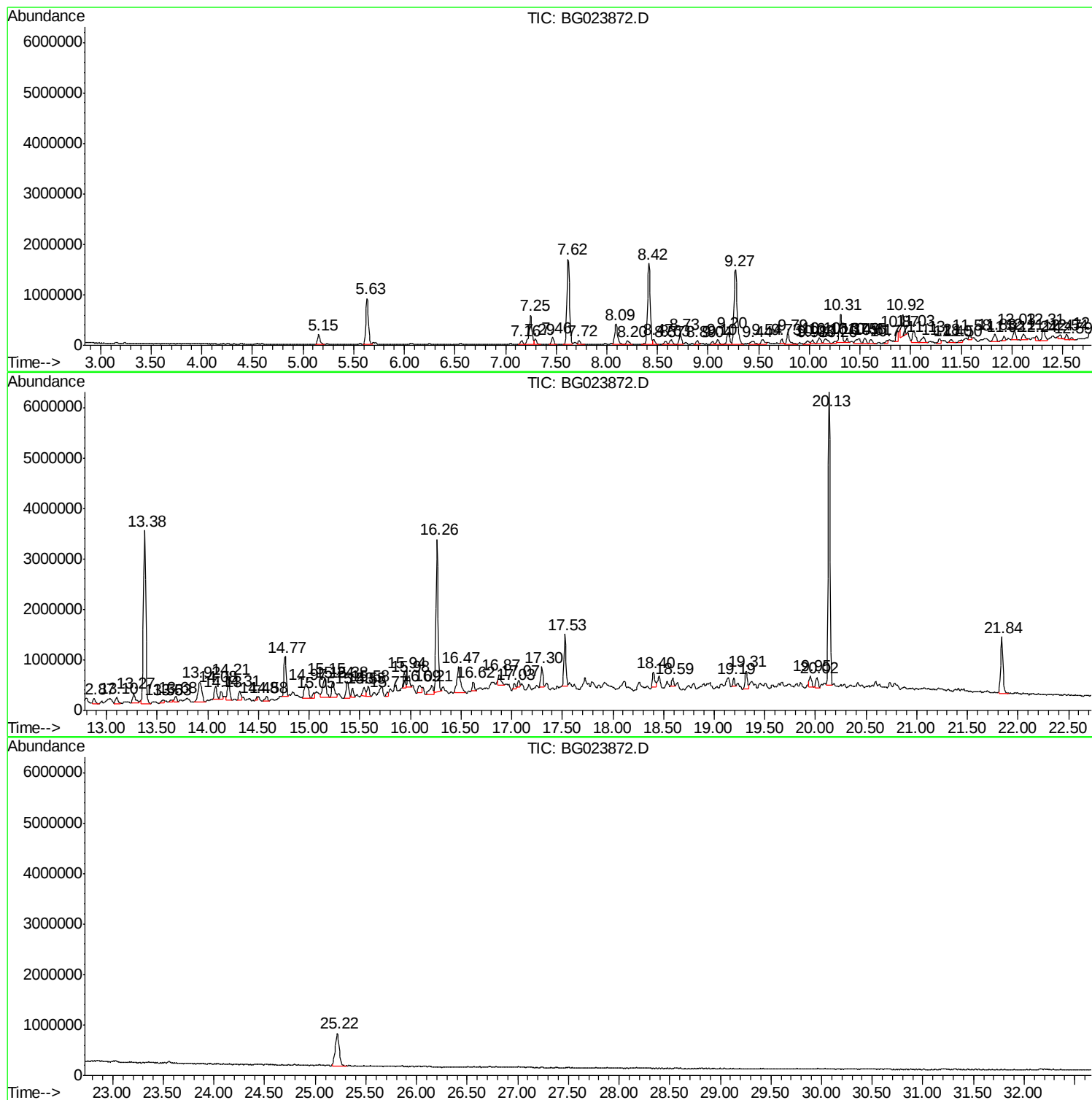
Sum of corrected areas: 62354583

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Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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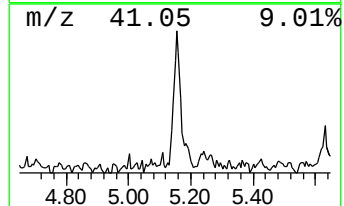
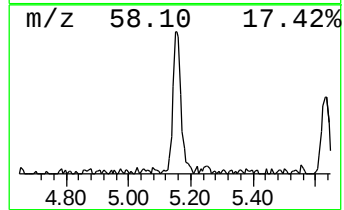
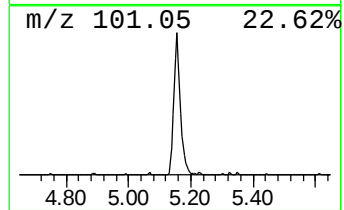
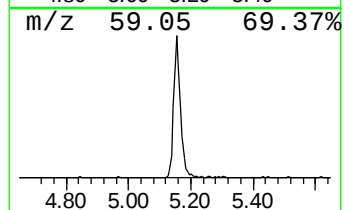
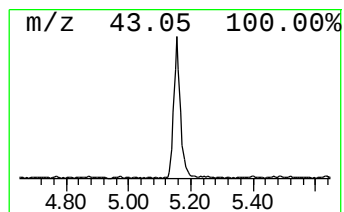
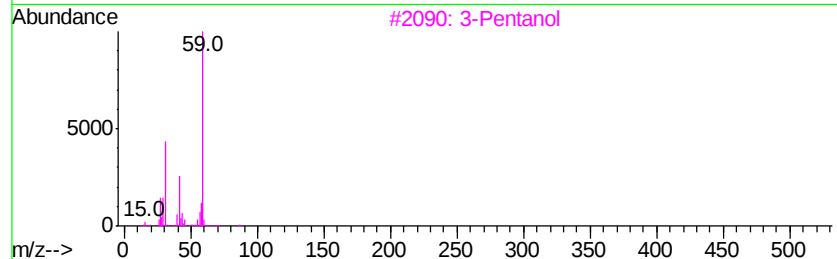
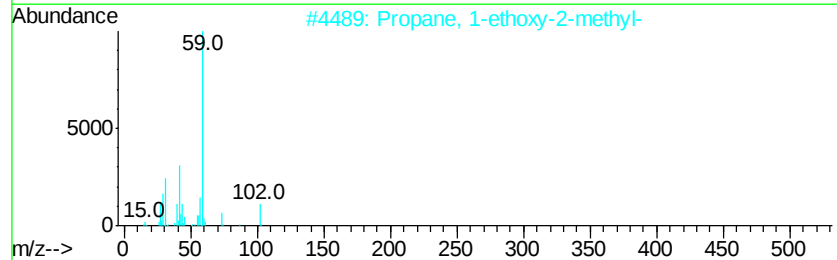
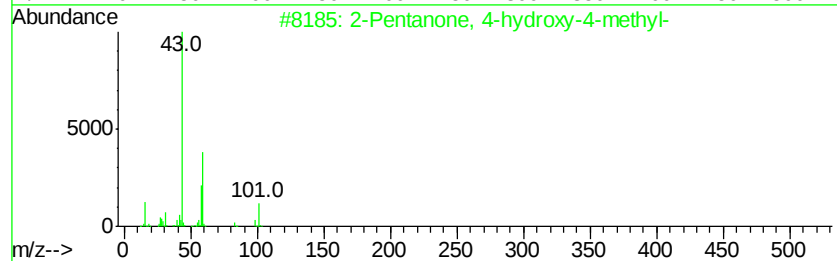
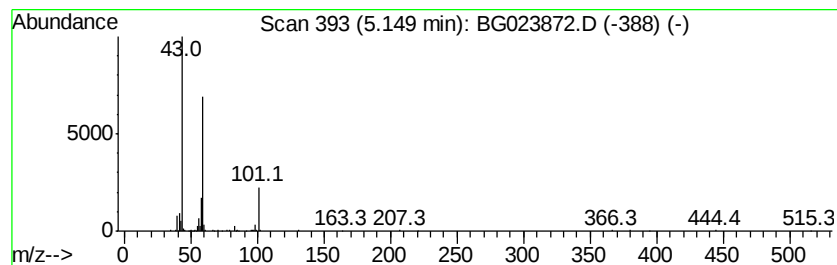
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	8.15 ng	324221	1,4-Dichlorobenzene-d4	8.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
3			3-Pentanol	88	C5H12O	000584-02-1	32
4			Tetraolyme	222	C10H22O5	000143-24-8	25
5			Guanidine	59	CH5N3	000113-00-8	9



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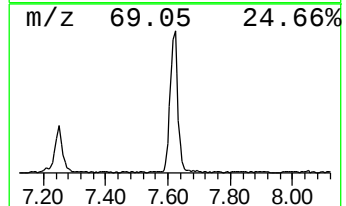
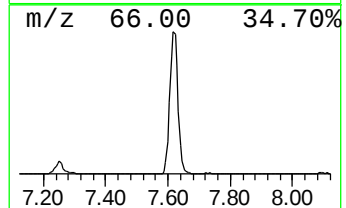
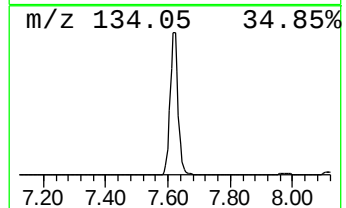
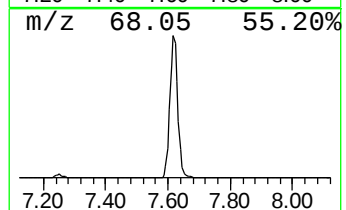
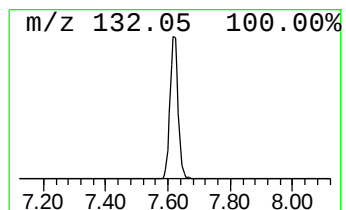
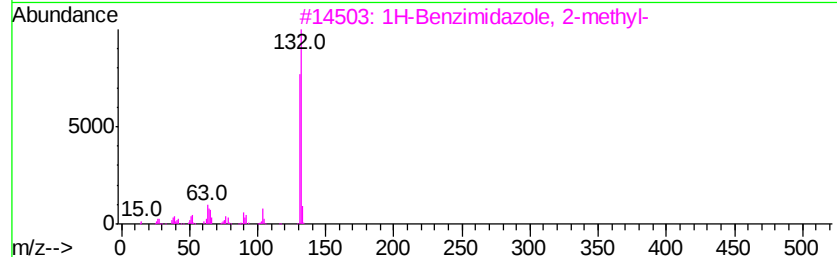
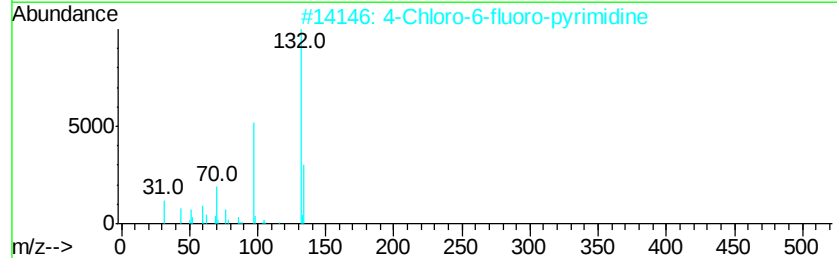
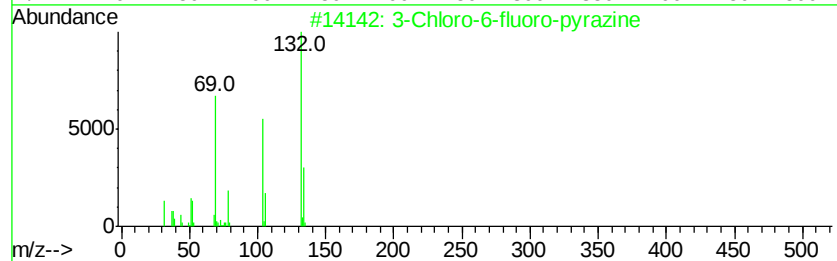
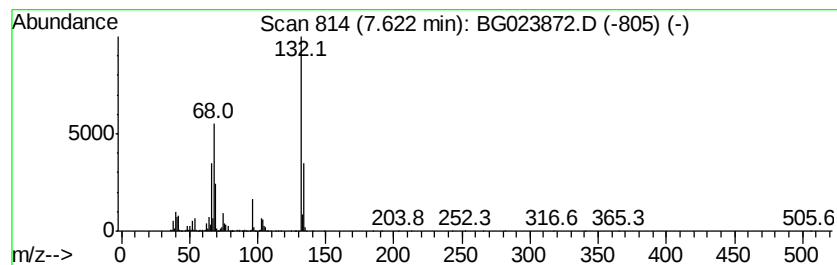
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	75.31 ng	2996260	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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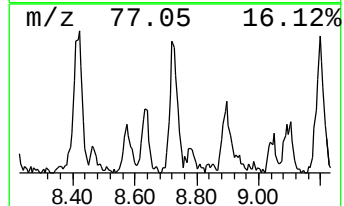
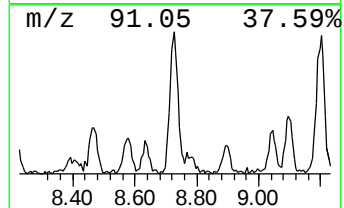
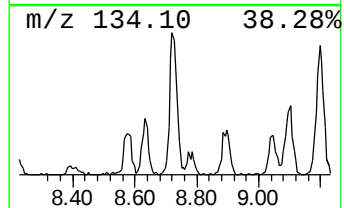
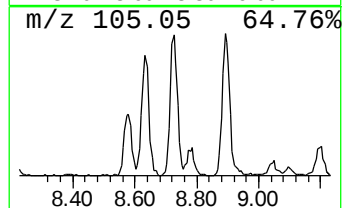
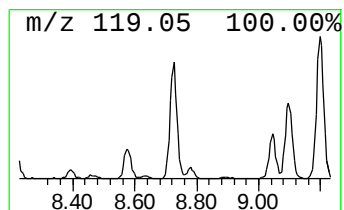
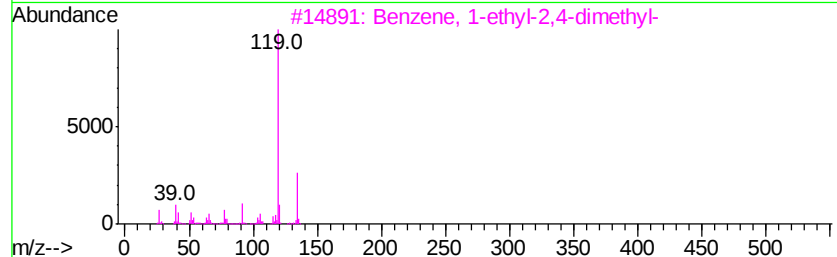
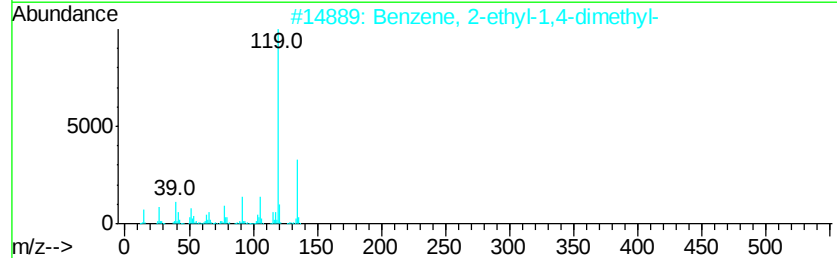
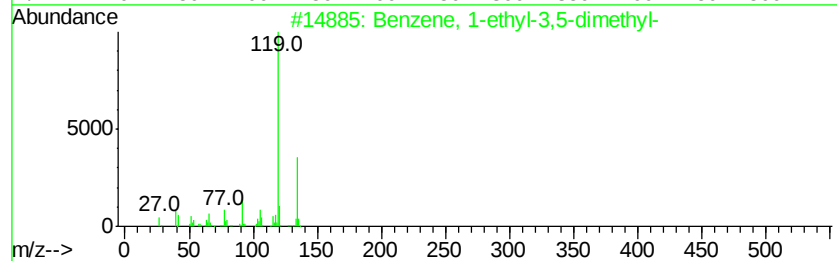
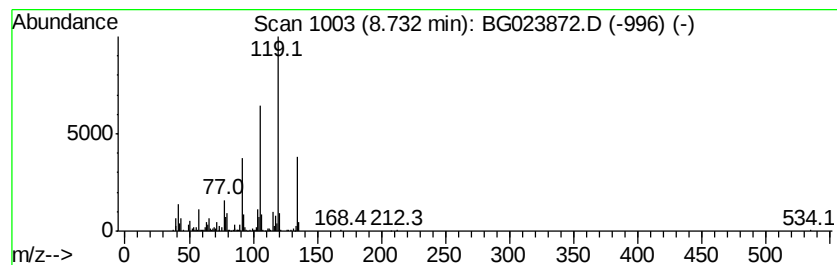
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	9.80 ng	389823	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023872.D
Acq On : 24 Aug 2016 3:00
Operator : UM/SJ
Sample : H4556-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17A-GW

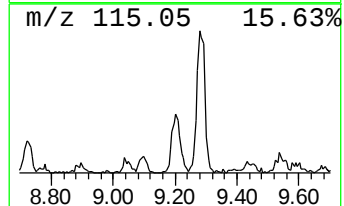
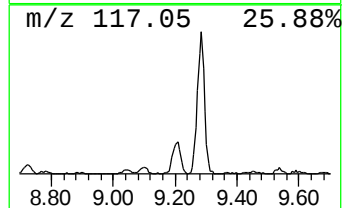
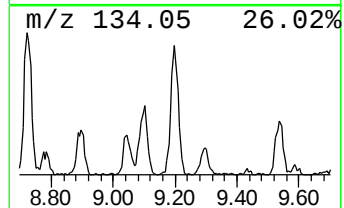
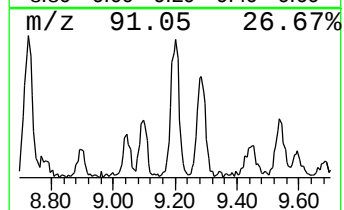
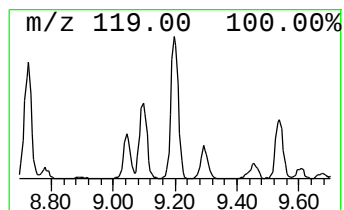
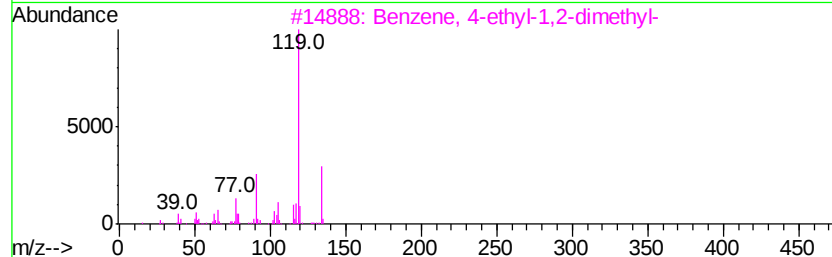
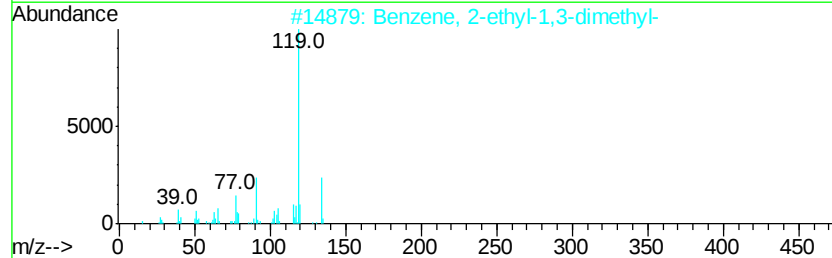
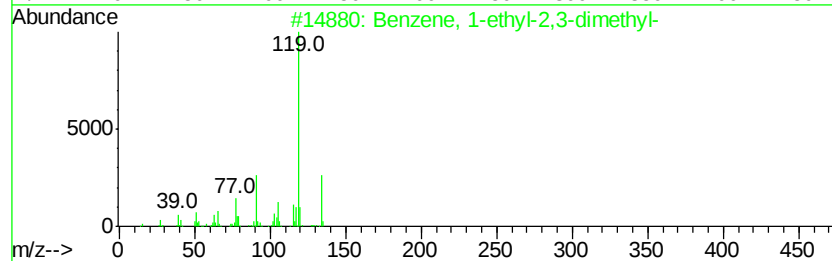
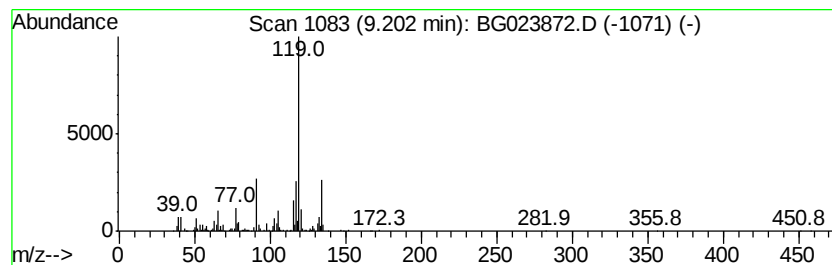
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	11.27 ng	448520	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5		p-Cymene	134	C10H14	000099-87-6	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023872.D
Acq On : 24 Aug 2016 3:00
Operator : UM/SJ
Sample : H4556-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

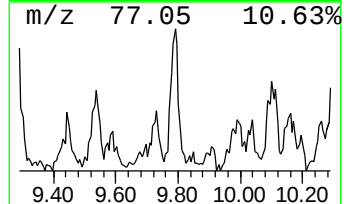
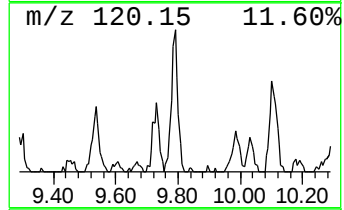
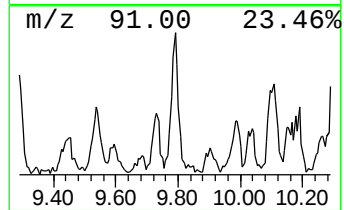
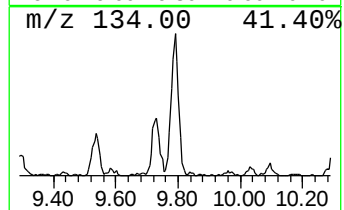
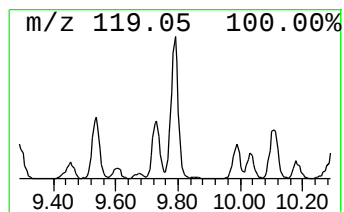
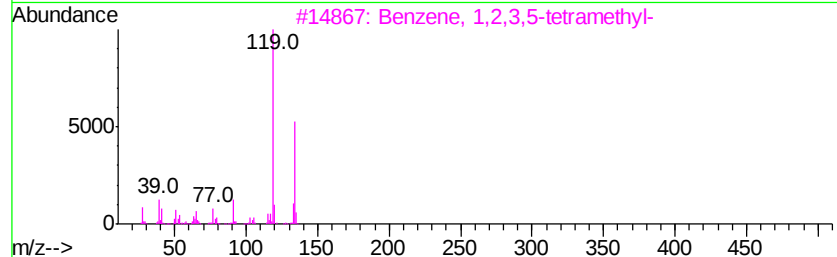
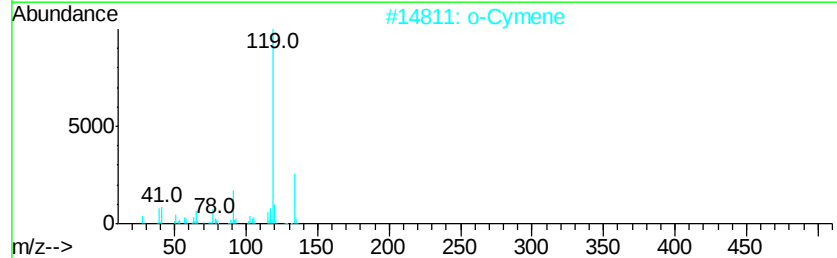
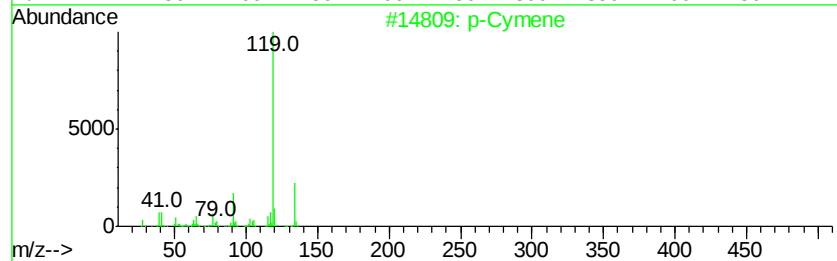
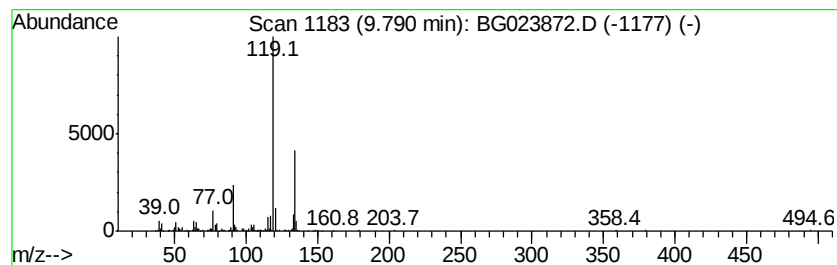
Instrument :
BNA_G
ClientSampleId :
SB-17A-GW

Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 p-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	11.40 ng	417380	Napthalene-d8	10.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	p-Cymene	134 C10H14	000099-87-6	94
2	o-Cymene	134 C10H14	000527-84-4	93
3	Benzene, 1,2,3,5-tetramethyl-	134 C10H14	000527-53-7	91
4	Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3	91
5	Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023872.D
Acq On : 24 Aug 2016 3:00
Operator : UM/SJ
Sample : H4556-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17A-GW

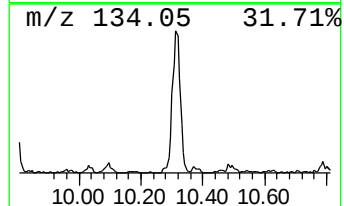
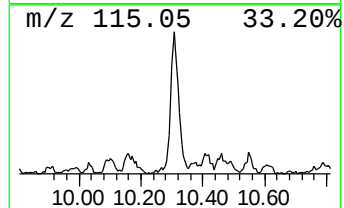
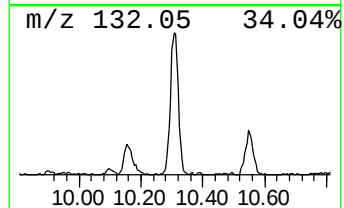
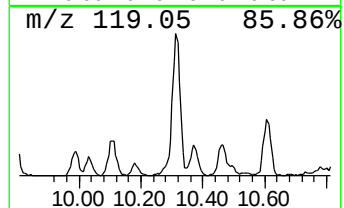
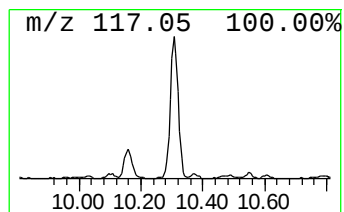
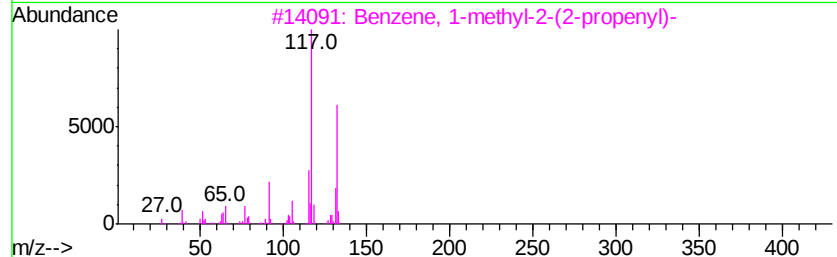
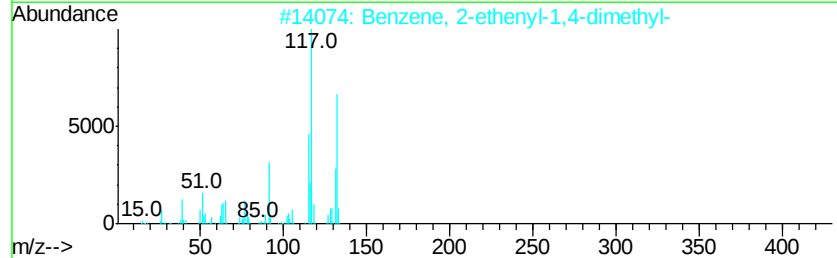
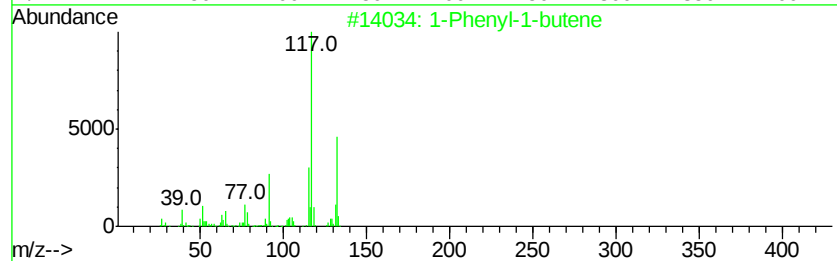
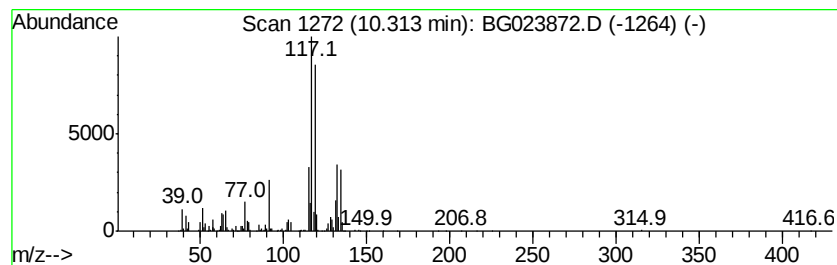
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	28.52 ng	1044640	Napthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	78
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	60



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023872.D
Acq On : 24 Aug 2016 3:00
Operator : UM/SJ
Sample : H4556-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-17A-GW

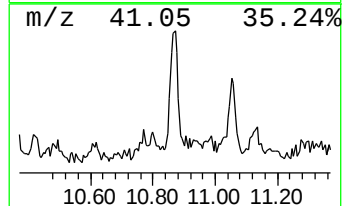
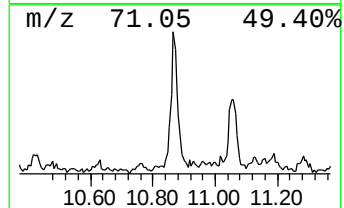
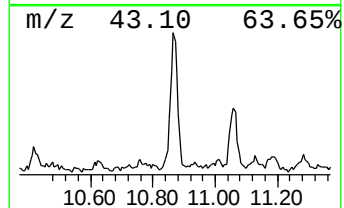
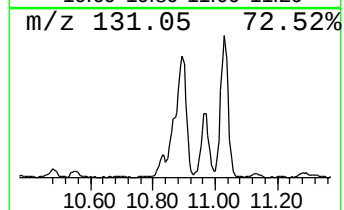
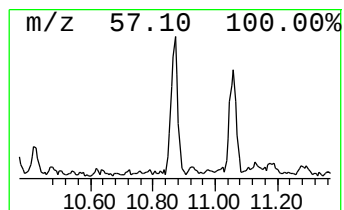
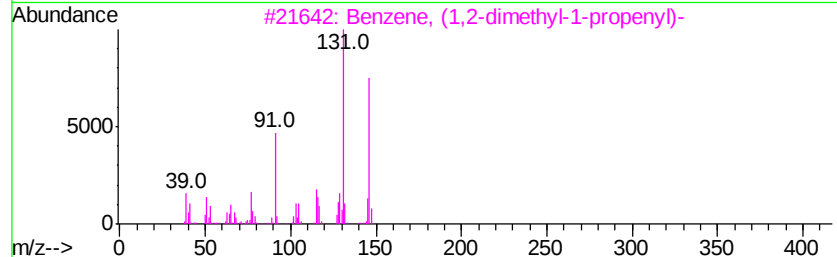
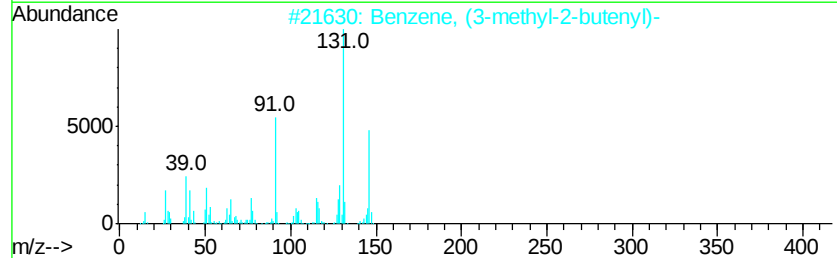
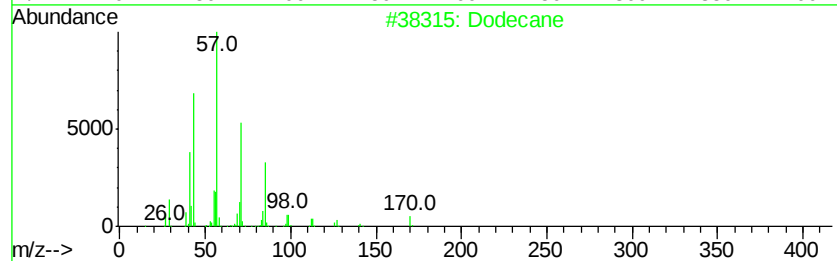
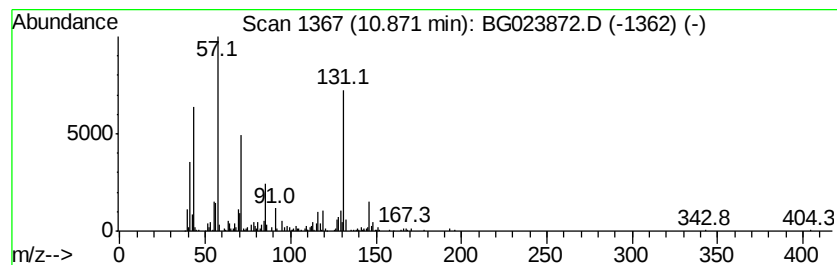
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown10.87 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	7.60 ng	278455	Naphthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	43
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	42
3		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	38
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	38
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023872.D
Acq On : 24 Aug 2016 3:00
Operator : UM/SJ
Sample : H4556-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-17A-GW

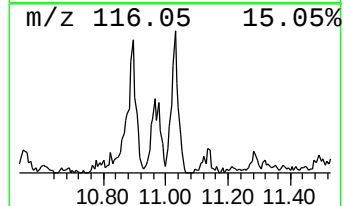
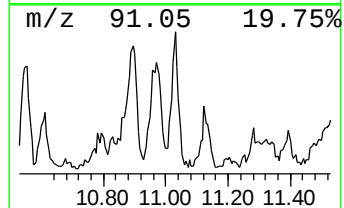
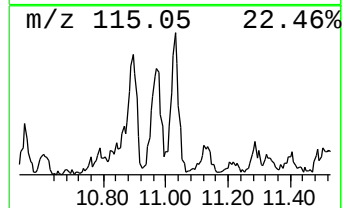
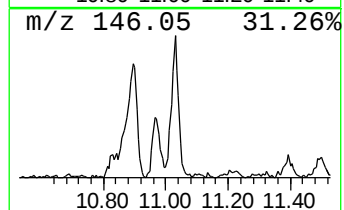
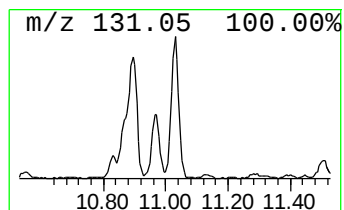
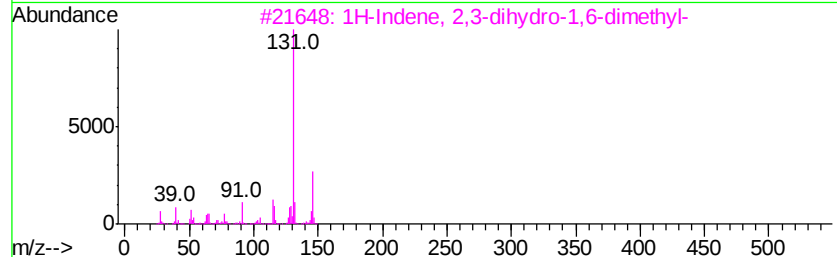
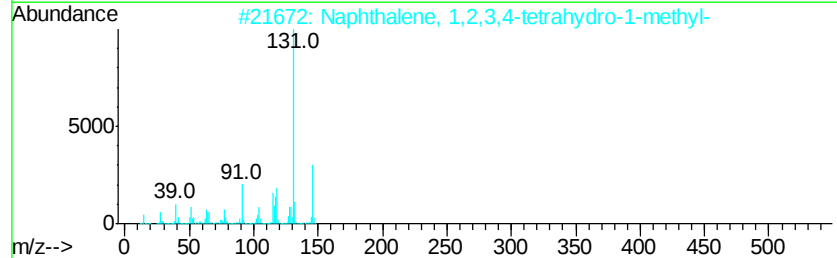
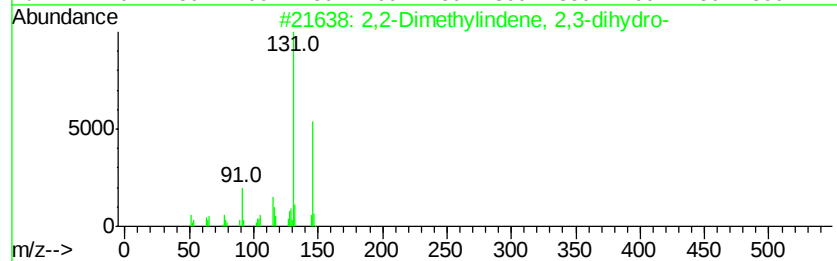
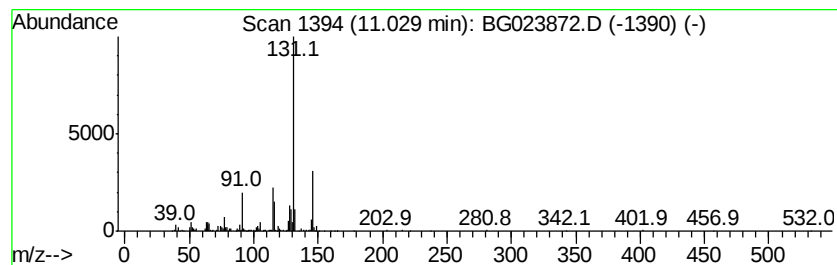
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 2,2-Dimethylindene, 2,3-dih... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	13.49 ng	493933	Naphthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
SB-17A-GW

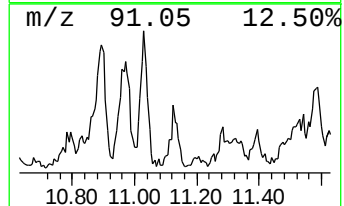
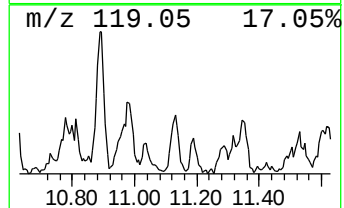
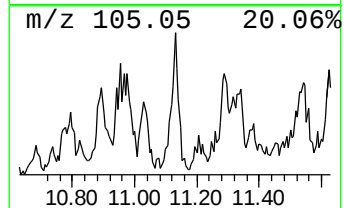
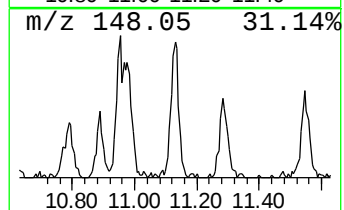
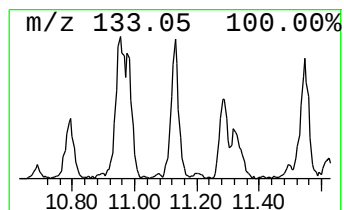
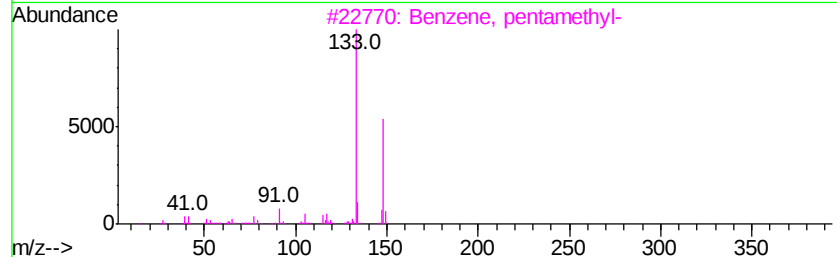
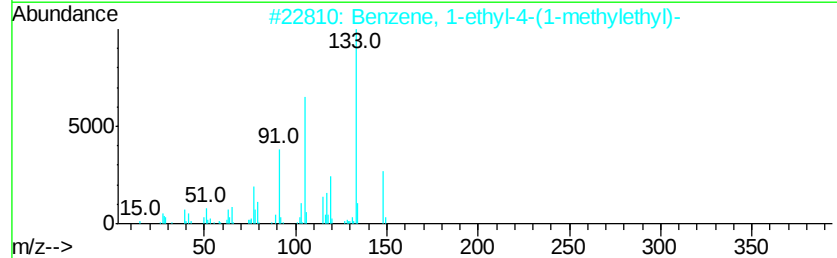
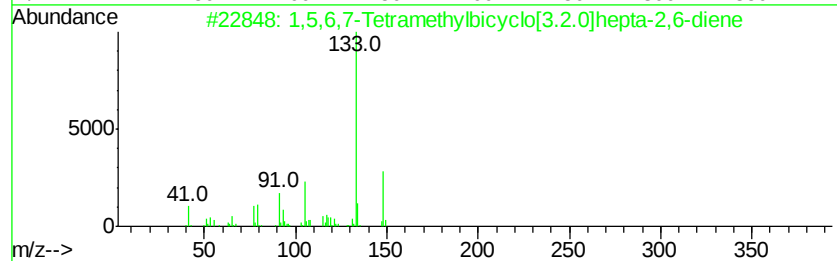
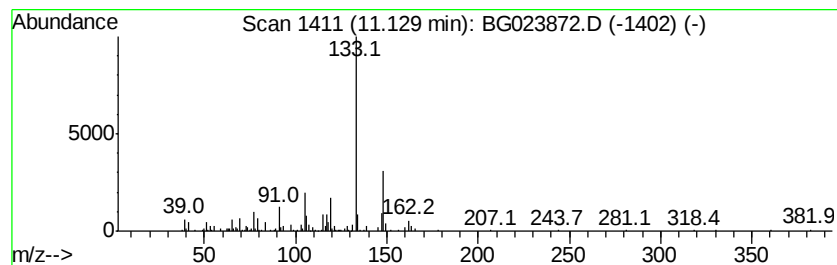
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,5,6,7-Tetramethylbicyclo[...] Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	7.66 ng	280409	Naphthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	90
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	86
4		Benzene, 1,3-dimethyl-5-(1-methylethyl)-	148	C11H16	004706-90-5	81
5		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023872.D
Acq On : 24 Aug 2016 3:00
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ClientSampleId :
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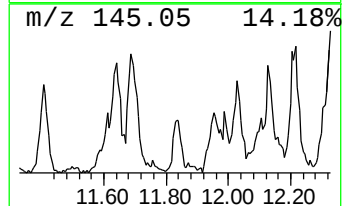
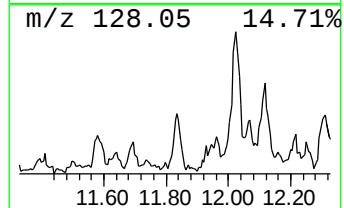
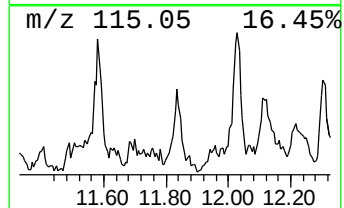
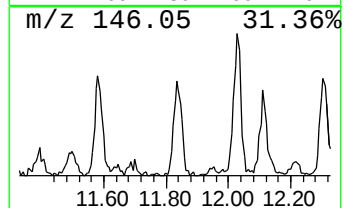
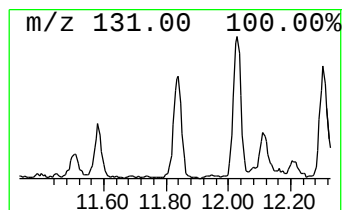
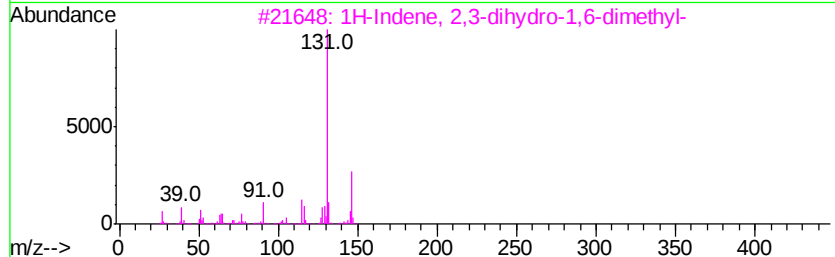
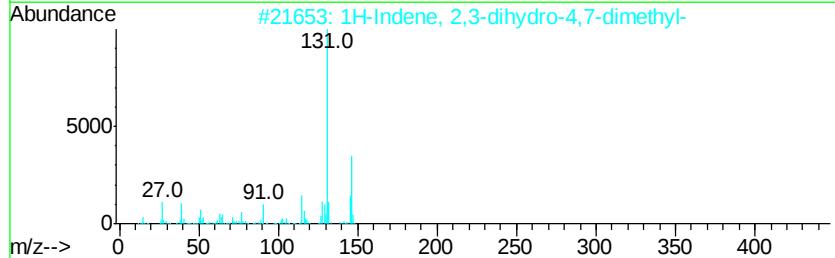
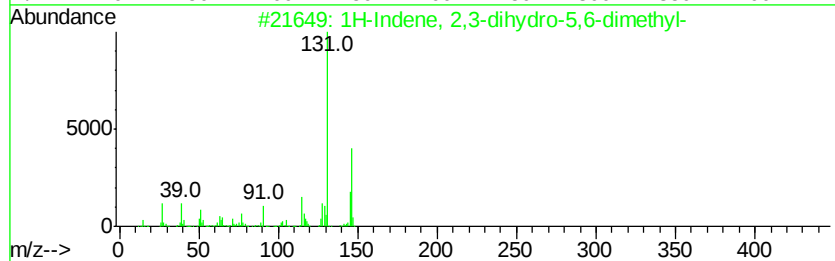
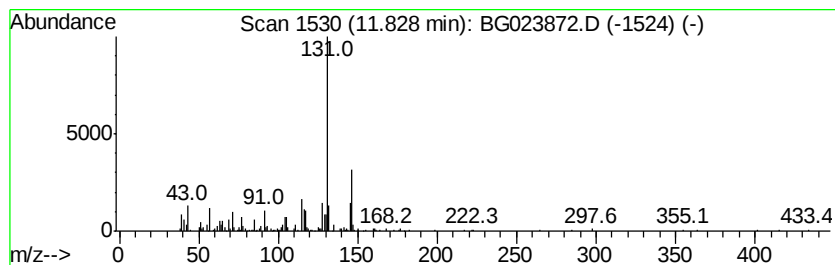
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	8.53 ng	312353	Napthalene-d8	10.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93		
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90		
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90		
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90		
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90		



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023872.D
Acq On : 24 Aug 2016 3:00
Operator : UM/SJ
Sample : H4556-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17A-GW

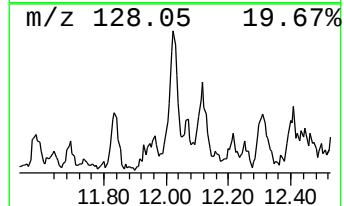
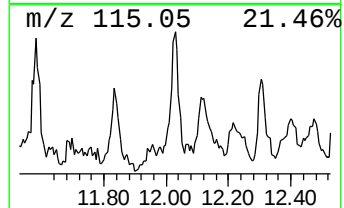
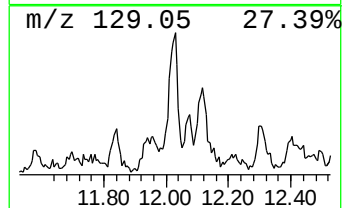
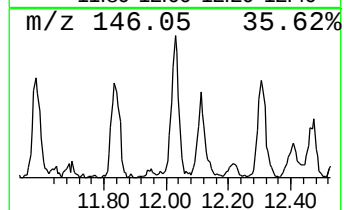
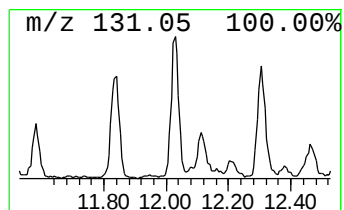
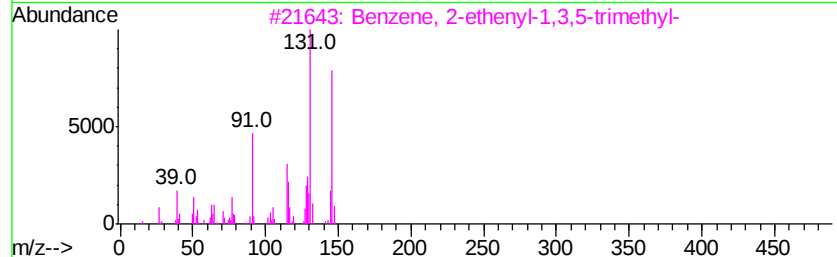
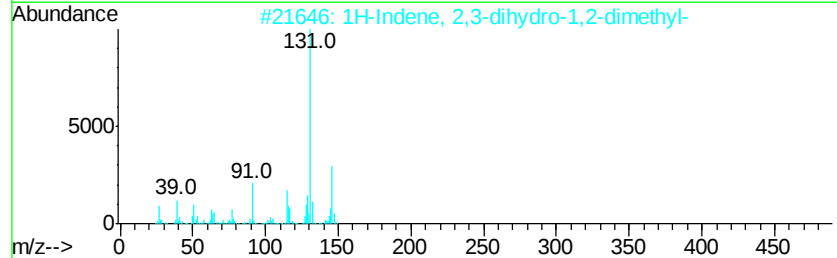
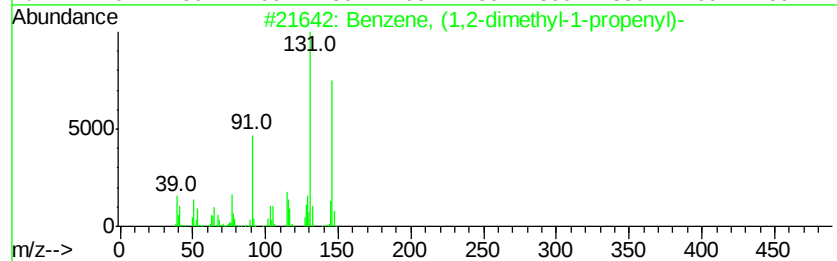
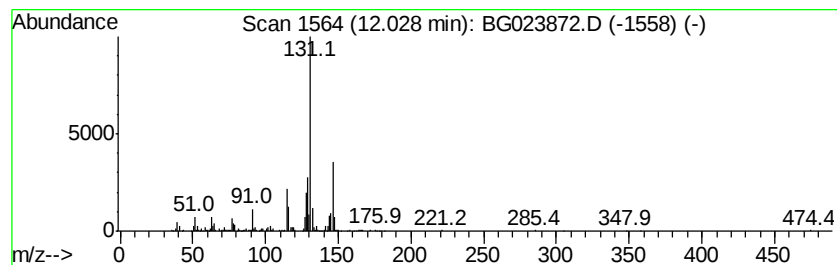
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	9.79 ng	358687	Napthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	80
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
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Acq On : 24 Aug 2016 3:00
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Sample : H4556-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17A-GW

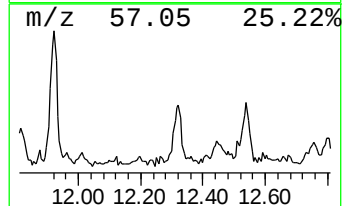
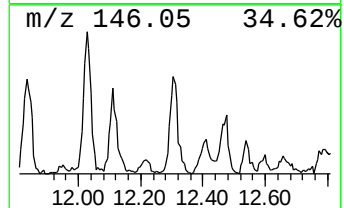
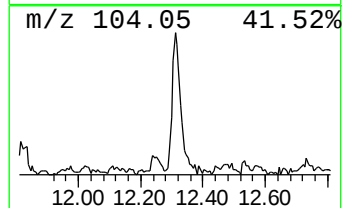
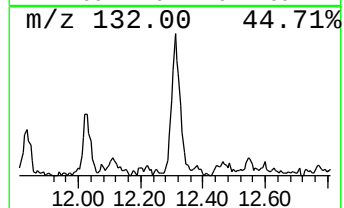
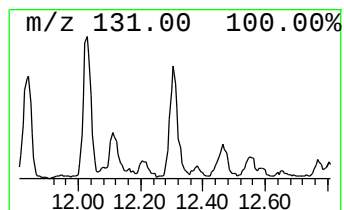
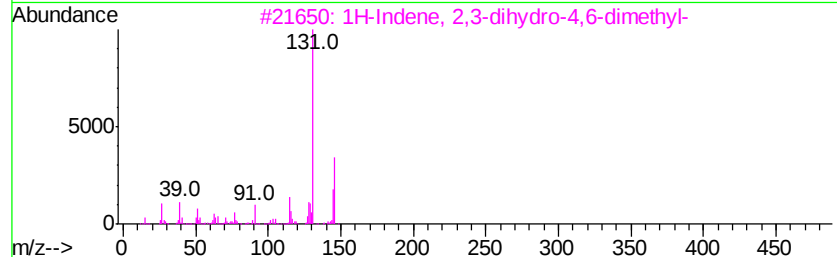
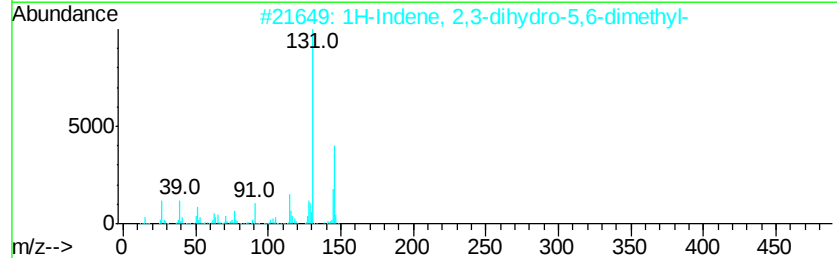
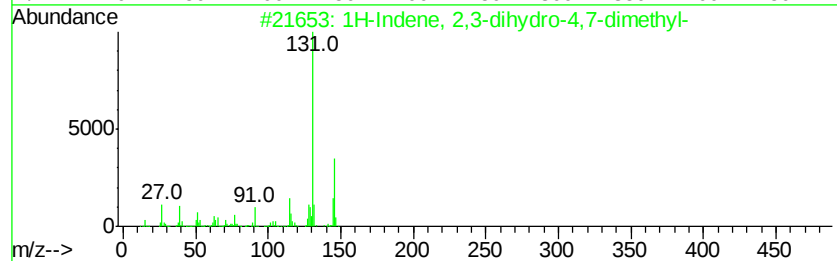
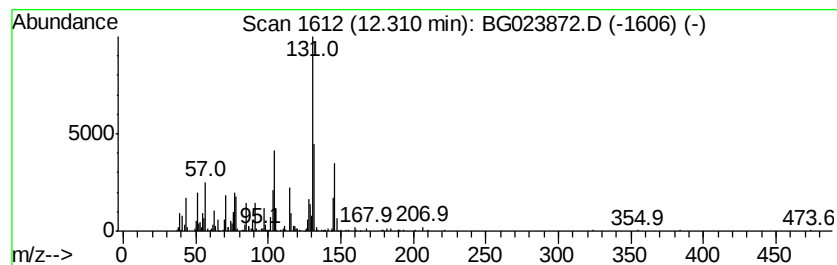
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	13.78 ng	504616	Napthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	90
3		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	87
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	70
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	60



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
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Sample : H4556-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-17A-GW

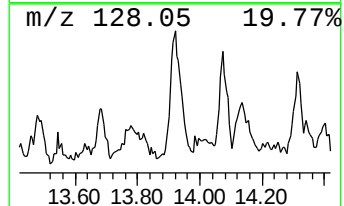
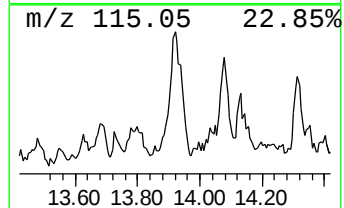
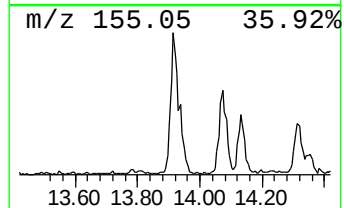
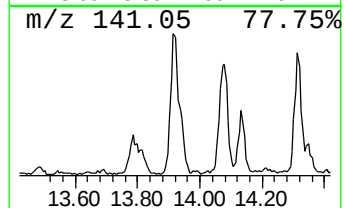
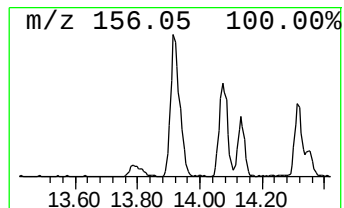
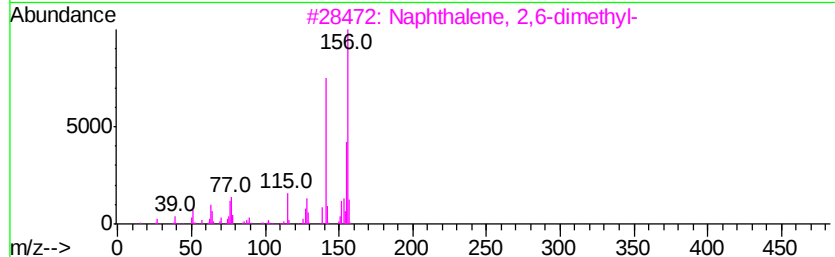
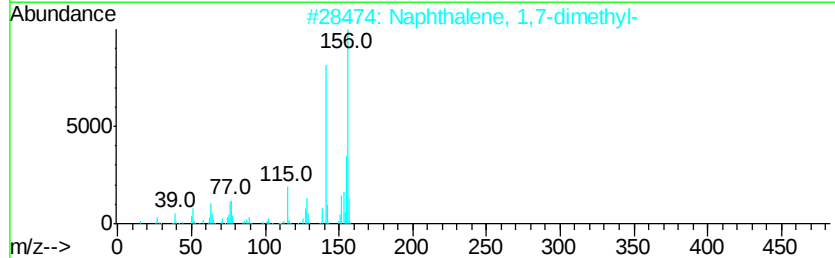
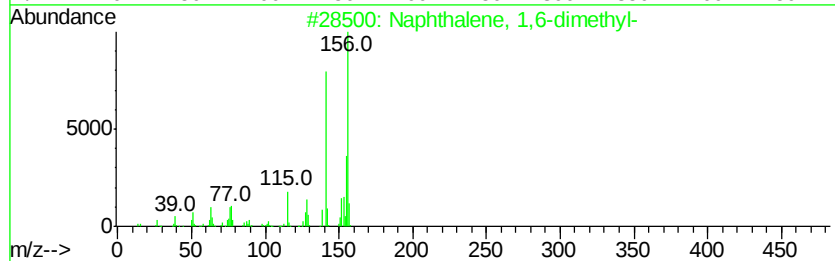
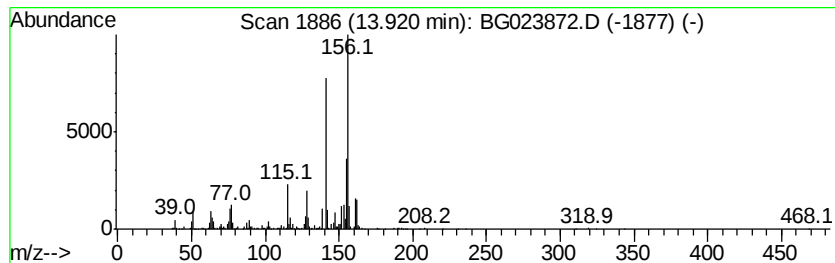
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	16.84 ng	1087370	Acenaphthene-d10	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023872.D
Acq On : 24 Aug 2016 3:00
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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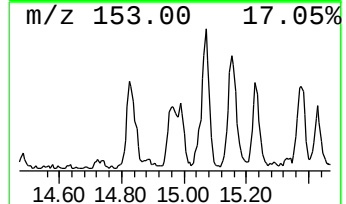
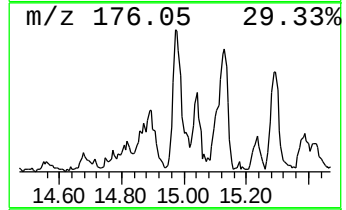
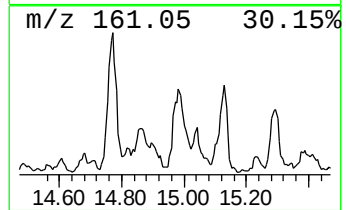
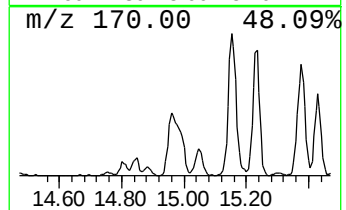
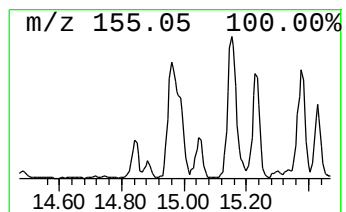
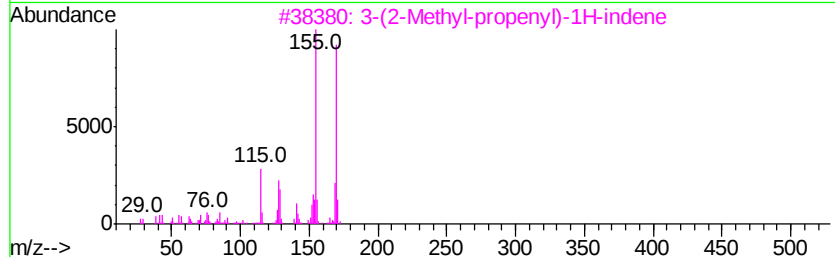
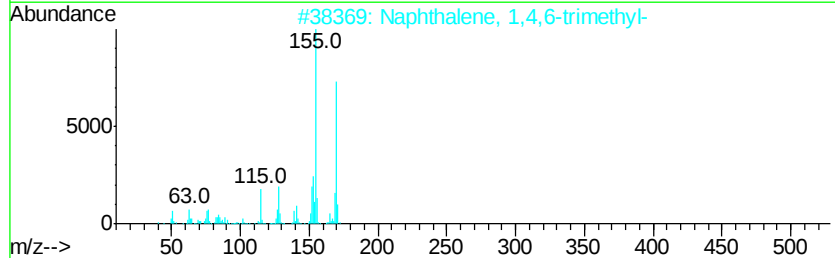
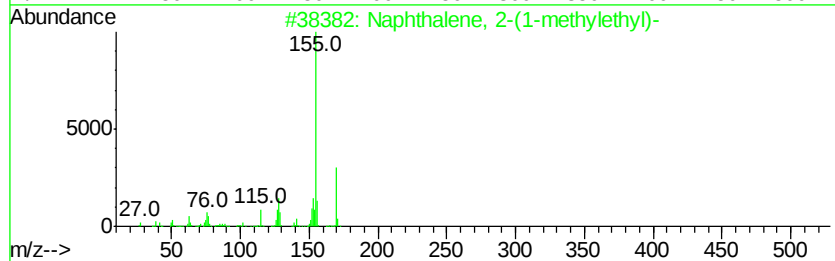
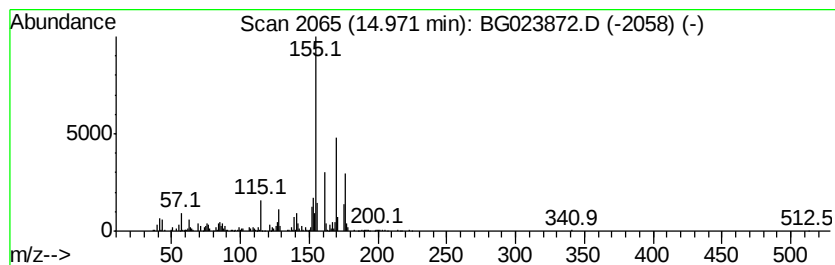
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 2-(1-methyleth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	12.38 ng	799121	Acenaphthene-d10	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	68
4		Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	60
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023872.D
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Sample : H4556-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-17A-GW

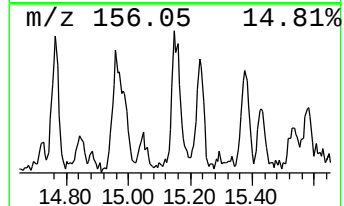
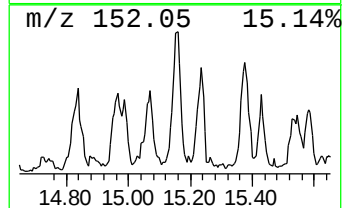
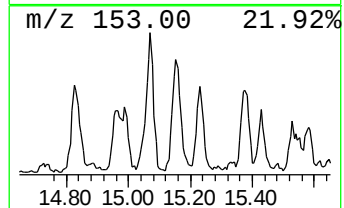
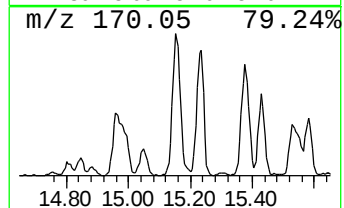
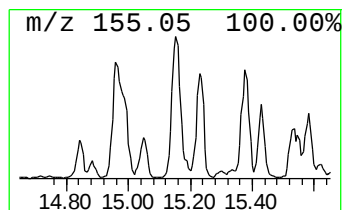
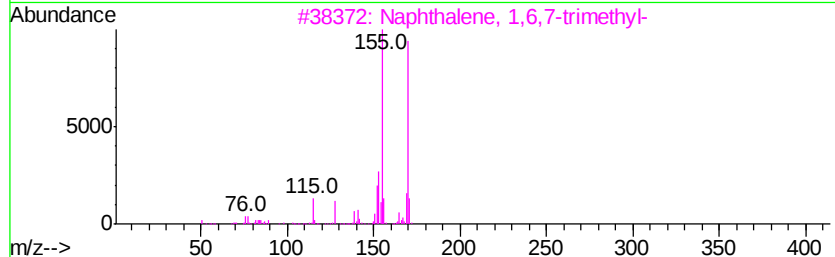
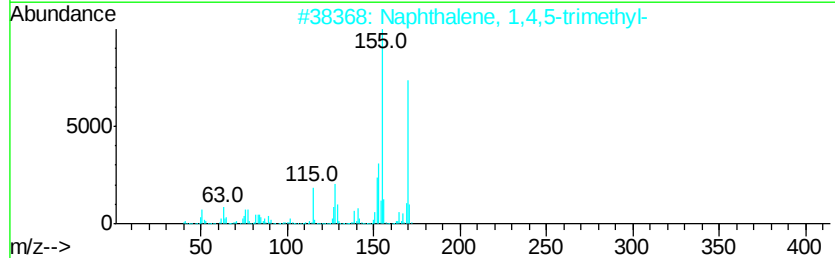
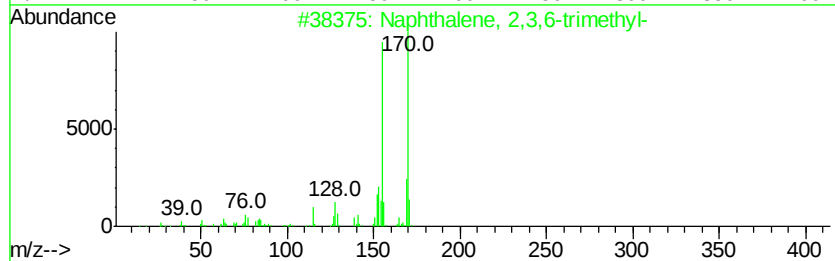
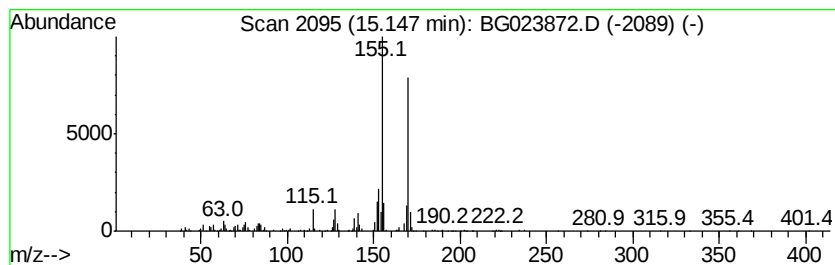
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	14.07 ng	908599	Acenaphthene-d10	14.77

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023872.D
Acq On : 24 Aug 2016 3:00
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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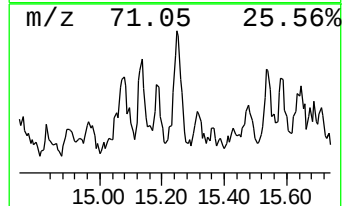
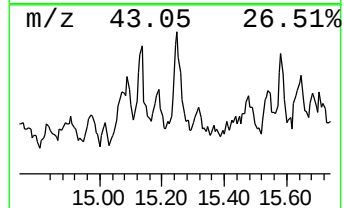
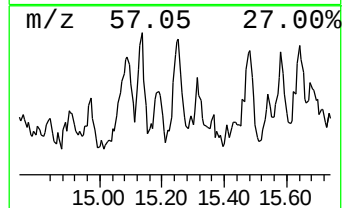
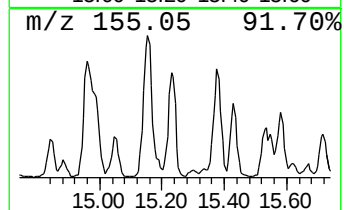
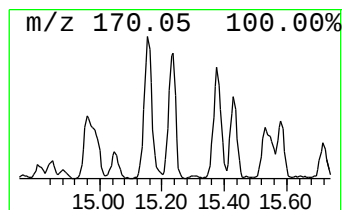
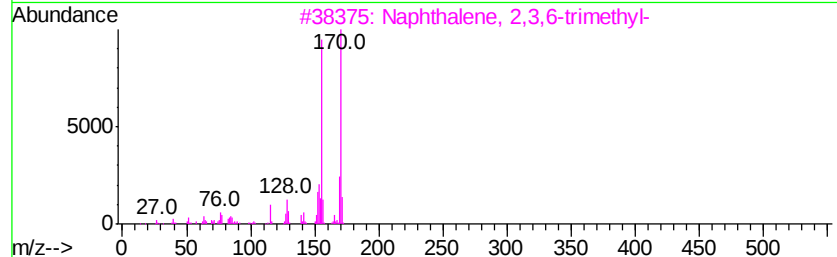
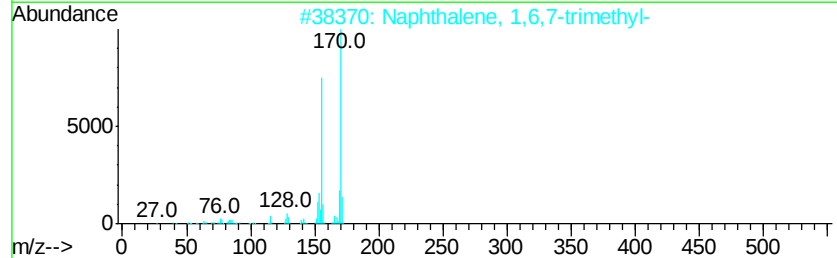
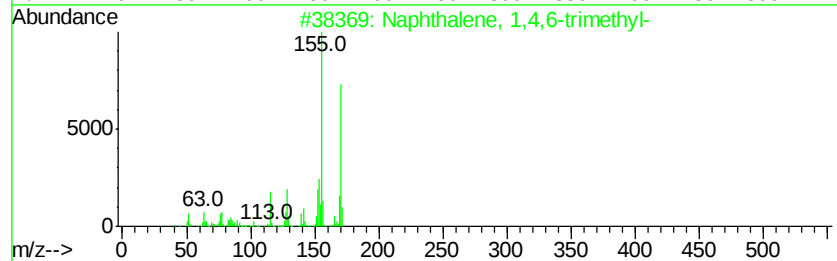
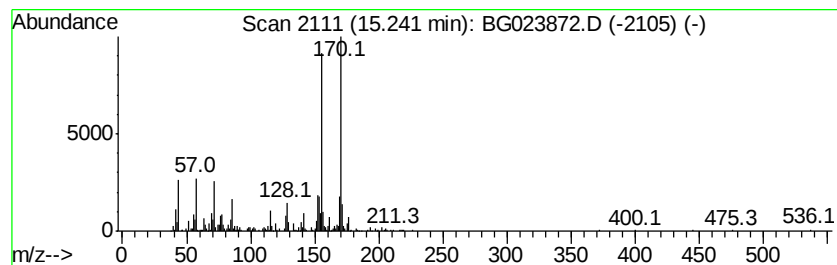
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	9.64 ng	622818	Acenaphthene-d10	14.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023872.D
Acq On : 24 Aug 2016 3:00
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Sample : H4556-08
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-17A-GW

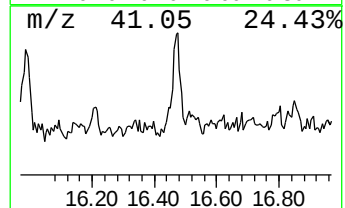
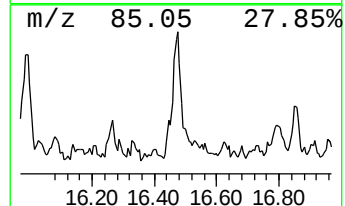
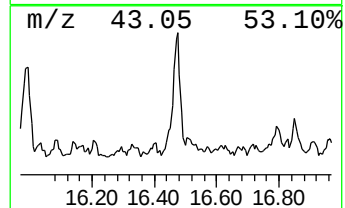
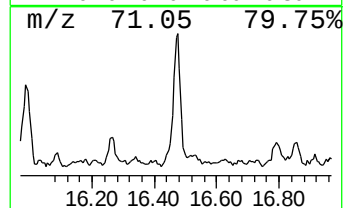
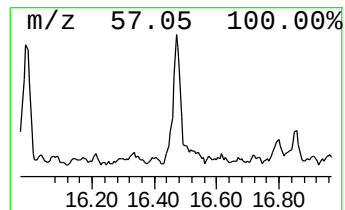
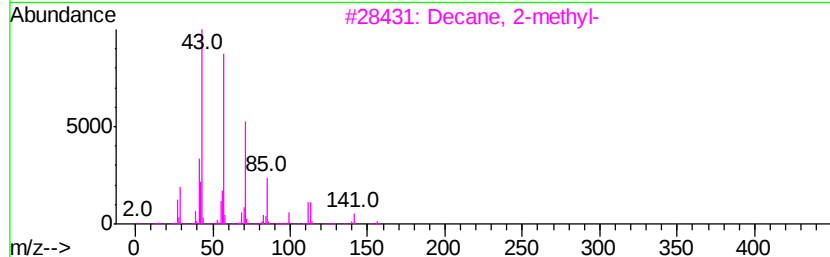
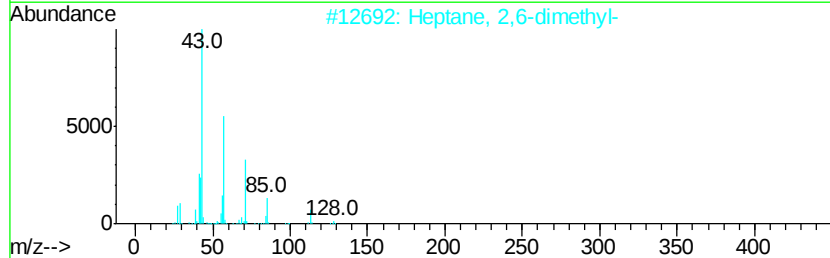
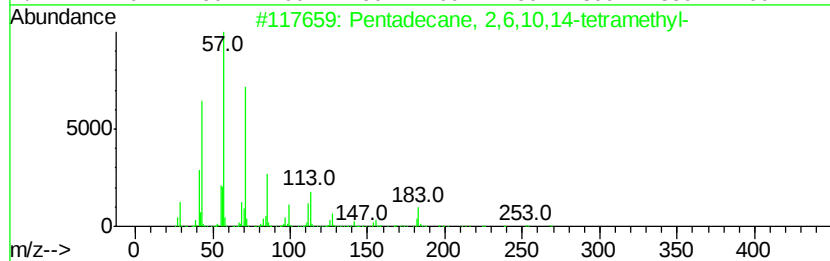
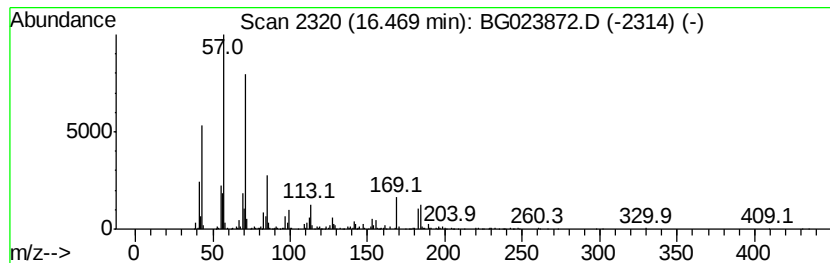
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	16.62 ng	1243460	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	58
3		Decane, 2-methyl-	156	C11H24	006975-98-0	52
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	50
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023872.D
Acq On : 24 Aug 2016 3:00
Operator : UM/SJ
Sample : H4556-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17A-GW

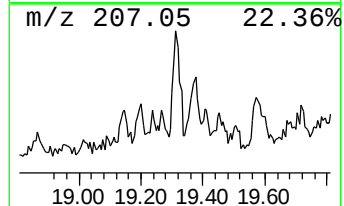
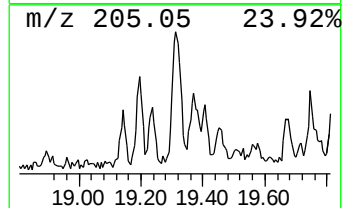
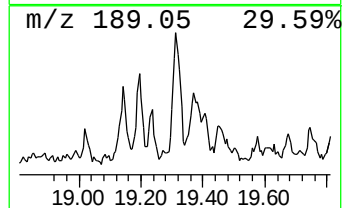
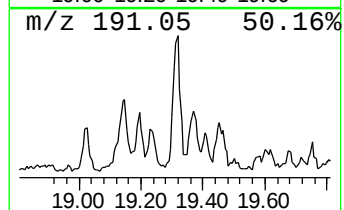
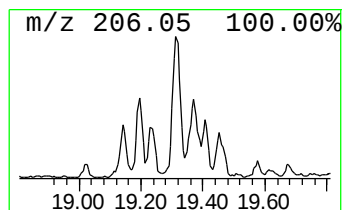
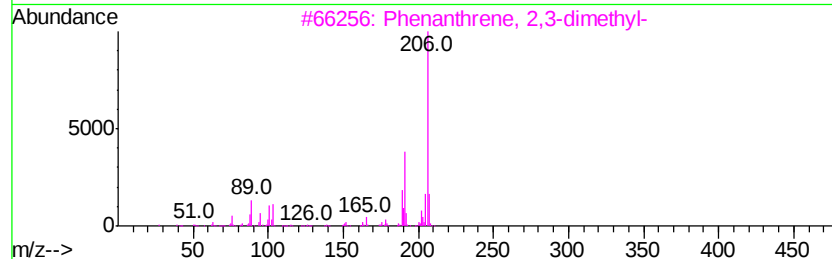
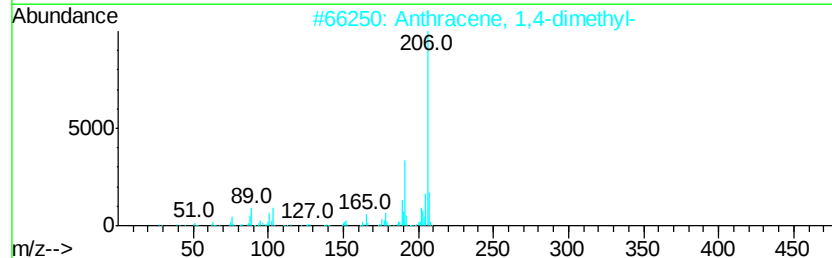
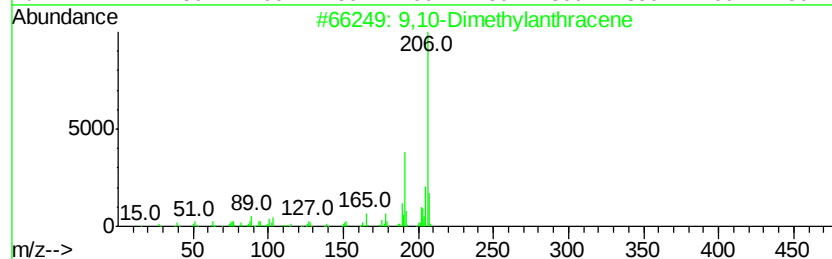
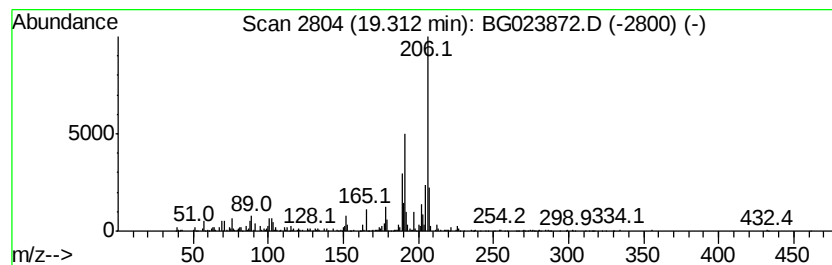
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 9,10-Dimethylantracene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	7.67 ng	573602	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023872.D
 Acq On : 24 Aug 2016 3:00
 Operator : UM/SJ
 Sample : H4556-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-17A-GW

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.15	8.2	ng	324221	1	8.09	795691	20.0
unknown7.62	7.62	75.3	ng	2996260	1	8.09	795691	20.0
Benzene, 1-ethyl-...	8.73	9.8	ng	389823	1	8.09	795691	20.0
Benzene, 1-ethyl-...	9.20	11.3	ng	448520	1	8.09	795691	20.0
p-Cymene	9.79	11.4	ng	417380	2	10.92	732484	20.0
1-Phenyl-1-butene	10.31	28.5	ng	1044640	2	10.92	732484	20.0
unknown10.87	10.87	7.6	ng	278455	2	10.92	732484	20.0
2,2-Dimethylinden...	11.03	13.5	ng	493933	2	10.92	732484	20.0
1,5,6,7-Tetrameth...	11.13	7.7	ng	280409	2	10.92	732484	20.0
1H-Indene, 2,3-di...	11.83	8.5	ng	312353	2	10.92	732484	20.0
Benzene, (1,2-dim...	12.03	9.8	ng	358687	2	10.92	732484	20.0
1H-Indene, 2,3-di...	12.31	13.8	ng	504616	2	10.92	732484	20.0
Naphthalene, 1,6-...	13.92	16.8	ng	1087370	3	14.77	1291510	20.0
Naphthalene, 2-(1...	14.97	12.4	ng	799121	3	14.77	1291510	20.0
Naphthalene, 2,3,...	15.15	14.1	ng	908599	3	14.77	1291510	20.0
Naphthalene, 1,4,...	15.24	9.6	ng	622818	3	14.77	1291510	20.0
Pentadecane, 2,6,...	16.47	16.6	ng	1243460	4	17.53	1496250	20.0
9,10-Dimethylanthe...	19.31	7.7	ng	573602	4	17.53	1496250	20.0