

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
 Data File : BM009961.D
 Acq On : 07 May 2017 03:27
 Operator : SJ/MA
 Sample : I2997-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OWL-C4-GW

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.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	4.904	303	309	315	rBV	95642	149029	2.09%	0.311%
2	5.357	381	386	400	rBV	702715	1098773	15.44%	2.296%
3	6.245	532	537	543	rBV	62724	94099	1.32%	0.197%
4	6.951	651	657	668	rBV	459477	799268	11.23%	1.670%
5	7.304	710	717	731	rBV	1315762	2114516	29.71%	4.418%
6	7.769	790	796	803	rBV2	328572	532378	7.48%	1.112%
7	8.086	838	850	856	rBV	1118902	1853409	26.05%	3.872%
8	8.134	856	858	866	rVV3	83355	103151	1.45%	0.215%
9	8.245	870	877	882	rBV	118703	192817	2.71%	0.403%
10	8.439	906	910	916	rVB4	58061	88956	1.25%	0.186%
11	8.857	974	981	988	rVB2	340320	567648	7.98%	1.186%
12	8.939	988	995	1007	rBV2	1481389	2524386	35.47%	5.274%
13	9.381	1064	1070	1076	rVB	251837	377093	5.30%	0.788%
14	9.745	1125	1132	1137	rBV4	87309	166641	2.34%	0.348%
15	9.804	1137	1142	1151	rVB	200578	362248	5.09%	0.757%
16	9.951	1160	1167	1175	rBV2	850499	1440265	20.24%	3.009%
17	10.251	1212	1218	1222	rBV2	51399	86051	1.21%	0.180%
18	10.469	1250	1255	1257	rBV3	57200	86031	1.21%	0.180%
19	10.533	1262	1266	1267	rVV	185166	264462	3.72%	0.553%
20	10.563	1267	1271	1283	rVV2	458537	1107753	15.57%	2.314%
21	10.663	1283	1288	1296	rVV	195216	343425	4.83%	0.717%
22	10.763	1298	1305	1311	rVB2	75029	124019	1.74%	0.259%
23	10.916	1326	1331	1337	rBV2	46758	80435	1.13%	0.168%
24	11.022	1343	1349	1355	rVB2	254631	434575	6.11%	0.908%
25	11.133	1361	1368	1373	rBV	224890	372616	5.24%	0.778%
26	11.210	1377	1381	1387	rVB2	118433	201834	2.84%	0.422%
27	11.469	1419	1425	1430	rVB2	200312	339339	4.77%	0.709%
28	11.663	1452	1458	1466	rBV4	185285	414617	5.83%	0.866%
29	11.751	1467	1473	1485	rVB	234187	457787	6.43%	0.956%
30	11.880	1491	1495	1501	rVB	83065	132188	1.86%	0.276%
31	11.945	1501	1506	1514	rBV2	132500	253447	3.56%	0.529%
32	12.110	1526	1534	1542	rVB	454736	783417	11.01%	1.637%
33	12.186	1542	1547	1553	rVB3	50387	87995	1.24%	0.184%
34	12.422	1580	1587	1591	rBV4	52547	95275	1.34%	0.199%

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 Integrator: RTE
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 Sampling : 1
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 Min Area: 3 % of largest Peak
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35	12.474	1591	1596	1601	rBV2	184564	323090	4.54%	0.675%
36	12.551	1607	1609	1615	rVB3	61563	85095	1.20%	0.178%
37	12.733	1636	1640	1646	rVB5	54606	101363	1.42%	0.212%
38	12.886	1661	1666	1674	rBV5	78167	162098	2.28%	0.339%
39	12.951	1674	1677	1684	rVV2	66119	104444	1.47%	0.218%
40	13.033	1684	1691	1698	rVB	2568087	3699338	51.99%	7.729%
41	13.351	1739	1745	1749	rVV2	127454	226429	3.18%	0.473%
42	13.404	1749	1754	1758	rVV5	105648	201586	2.83%	0.421%
43	13.445	1758	1761	1763	rVV	132907	199152	2.80%	0.416%
44	13.468	1763	1765	1773	rVB	136255	198449	2.79%	0.415%
45	13.574	1778	1783	1785	rBV2	375800	556653	7.82%	1.163%
46	13.733	1801	1810	1816	rBV	563860	1117423	15.70%	2.334%
47	13.816	1821	1824	1829	rVB4	65134	90950	1.28%	0.190%
48	13.880	1830	1835	1839	rBV2	51526	83440	1.17%	0.174%
49	13.974	1846	1851	1855	rBV	321533	522566	7.34%	1.092%
50	14.010	1855	1857	1862	rVB	184045	192881	2.71%	0.403%
51	14.145	1870	1880	1885	rBV	237355	358373	5.04%	0.749%
52	14.421	1922	1927	1933	rBV2	677590	1095876	15.40%	2.289%
53	14.486	1933	1938	1946	rVB3	134566	288988	4.06%	0.604%
54	14.621	1956	1961	1971	rVB3	79605	206518	2.90%	0.431%
55	14.821	1983	1995	2002	rVB3	184259	393546	5.53%	0.822%
56	14.898	2002	2008	2012	rBV	118191	177268	2.49%	0.370%
57	15.039	2026	2032	2038	rBV3	118829	248936	3.50%	0.520%
58	15.092	2038	2041	2045	rVB2	83013	109419	1.54%	0.229%
59	15.215	2052	2062	2064	rBV6	75999	183226	2.57%	0.383%
60	15.245	2064	2067	2074	rVB5	85825	126831	1.78%	0.265%
61	15.474	2100	2106	2111	rBV3	195604	351696	4.94%	0.735%
62	15.598	2119	2127	2131	rBV	257426	424766	5.97%	0.887%
63	15.927	2176	2183	2195	rBV	2542322	3655941	51.38%	7.638%
64	16.174	2221	2225	2230	rVB5	61351	96896	1.36%	0.202%
65	16.462	2266	2274	2276	rBV8	45452	109608	1.54%	0.229%
66	16.533	2281	2286	2291	rVV3	107346	151180	2.12%	0.316%
67	16.727	2316	2319	2328	rVB9	33868	95418	1.34%	0.199%
68	17.180	2391	2396	2401	rBV2	998913	1400956	19.69%	2.927%
69	17.221	2401	2403	2409	rVB	90204	109611	1.54%	0.229%
70	18.056	2539	2545	2549	rBV8	103635	175686	2.47%	0.367%
71	18.362	2593	2597	2603	rVB2	54764	90047	1.27%	0.188%

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

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72	18.509	2616	2622	2628	rVB3	242744	370105	5.20%	0.773%
73	18.809	2670	2673	2676	rBV3	55824	76810	1.08%	0.160%
74	18.839	2676	2678	2683	rVB3	66281	78792	1.11%	0.165%
75	18.968	2693	2700	2705	rVB3	108337	236771	3.33%	0.495%
76	19.127	2720	2727	2733	rBV	78155	147248	2.07%	0.308%
77	19.186	2734	2737	2741	rVV6	64812	93362	1.31%	0.195%
78	19.233	2741	2745	2750	rVB3	48884	80616	1.13%	0.168%
79	19.474	2784	2786	2790	rVB4	67578	76096	1.07%	0.159%
80	19.803	2836	2842	2848	rBV	6168136	7116042	100.00%	14.867%
81	21.056	3051	3055	3060	rBV4	95482	116349	1.64%	0.243%
82	21.256	3086	3089	3093	rVB	124641	118738	1.67%	0.248%
83	21.368	3103	3108	3113	rBV	1567747	1900934	26.71%	3.971%
84	23.668	3493	3499	3505	rVB	845534	1608412	22.60%	3.360%

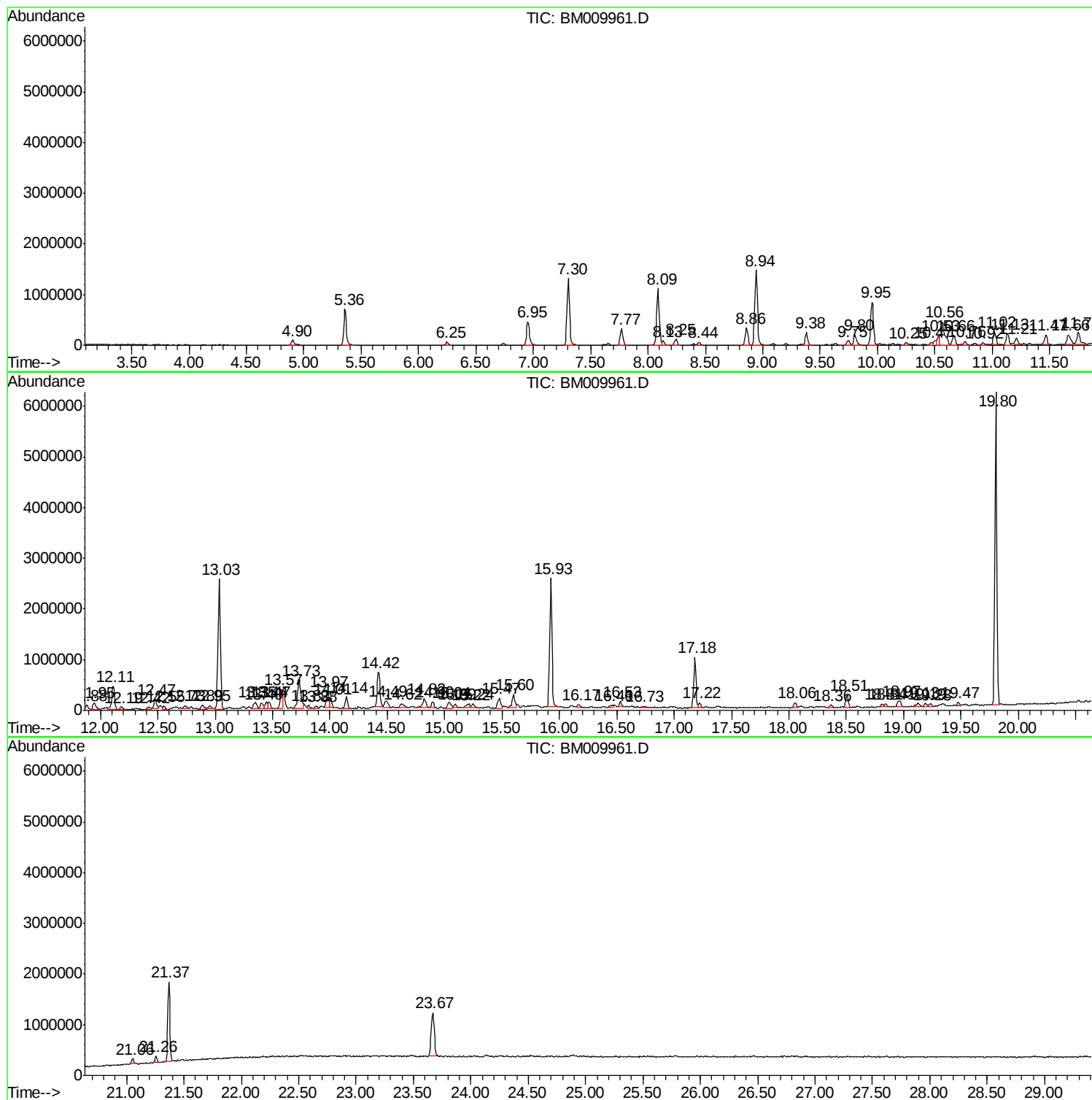
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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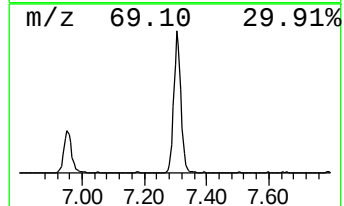
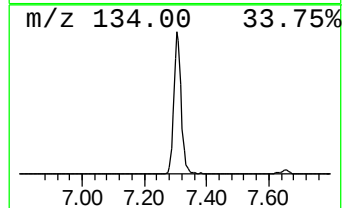
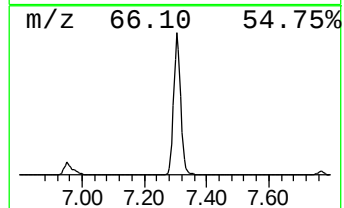
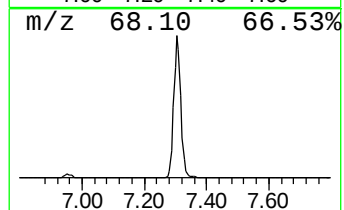
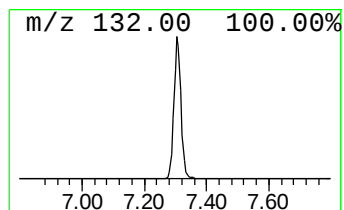
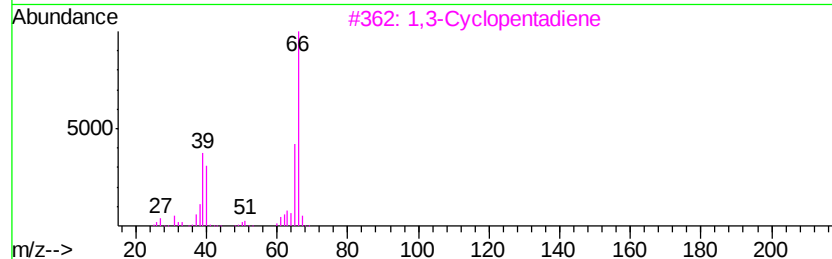
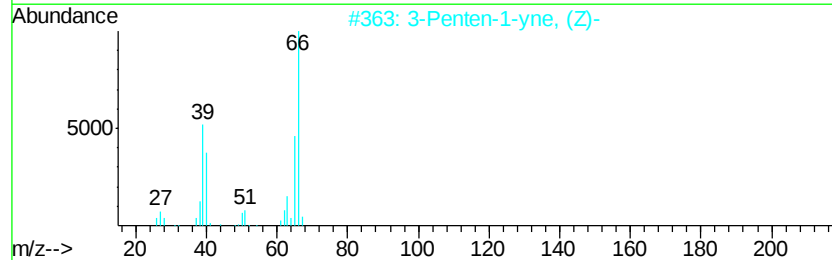
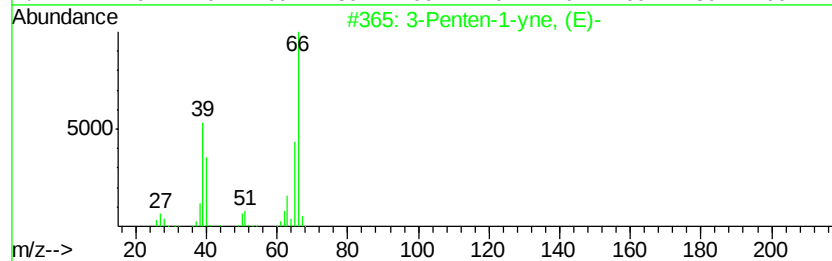
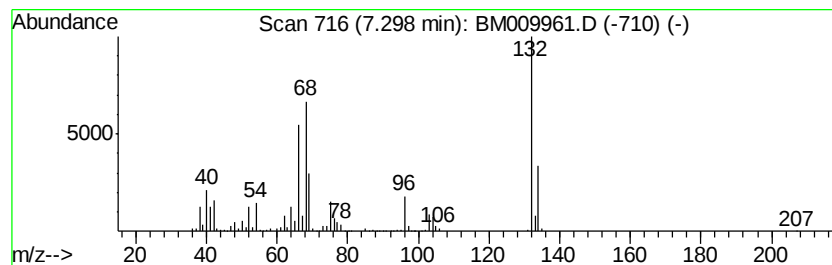
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	79.44 ng	2114520	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	35
2		3-Penten-1-yne, (Z)-	66	C5H6	001574-40-9	35
3		1,3-Cyclopentadiene	66	C5H6	000542-92-7	35
4		1-Penten-3-yne	66	C5H6	000646-05-9	35
5		2,4-Hexadienenitrile	93	C6H7N	001516-01-4	25



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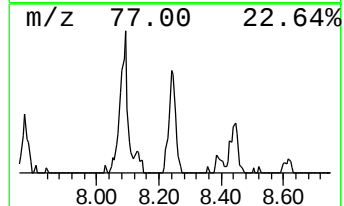
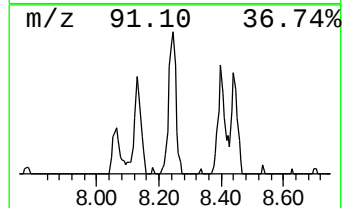
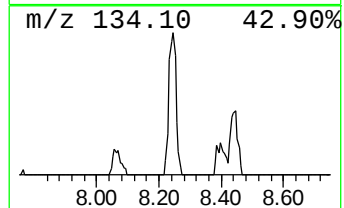
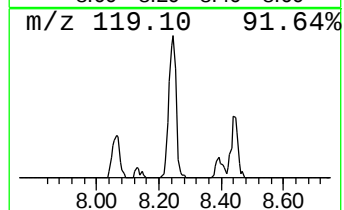
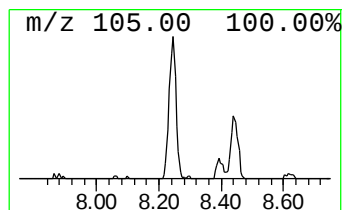
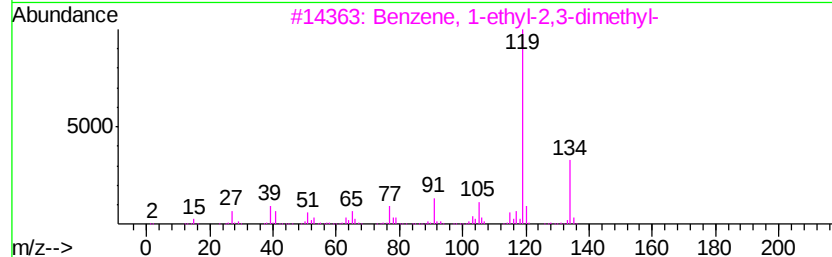
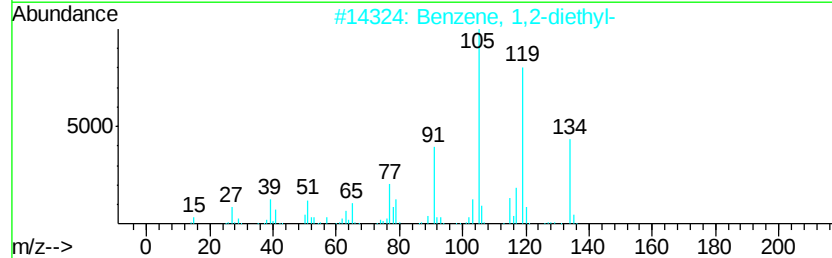
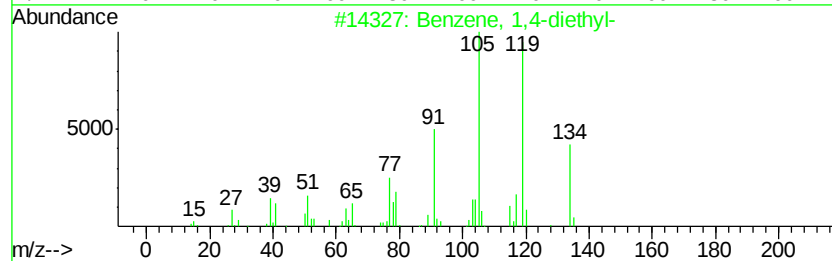
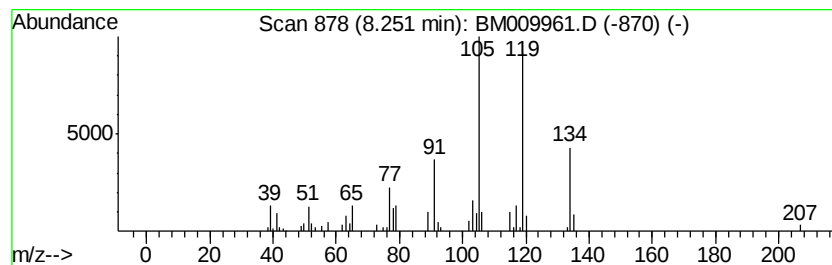
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,4-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	7.24 ng	192817	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
4		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	81
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	80



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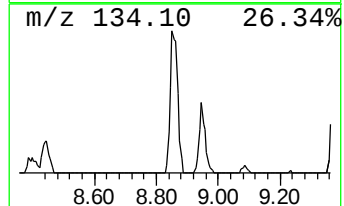
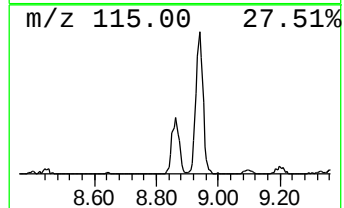
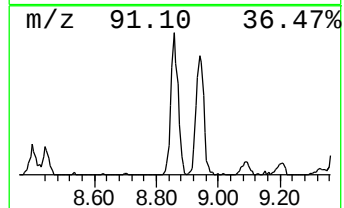
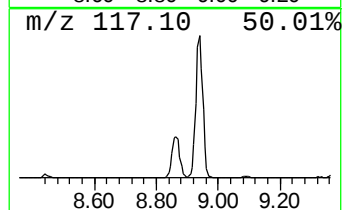
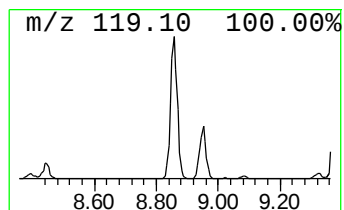
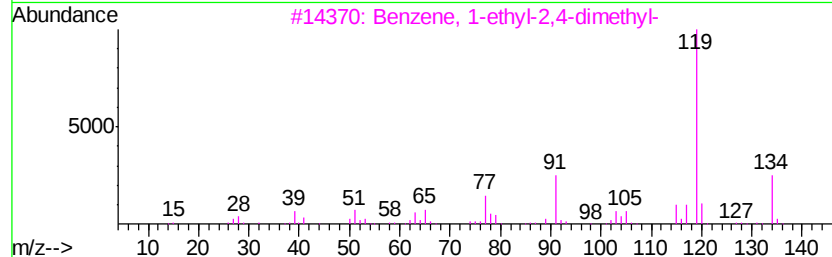
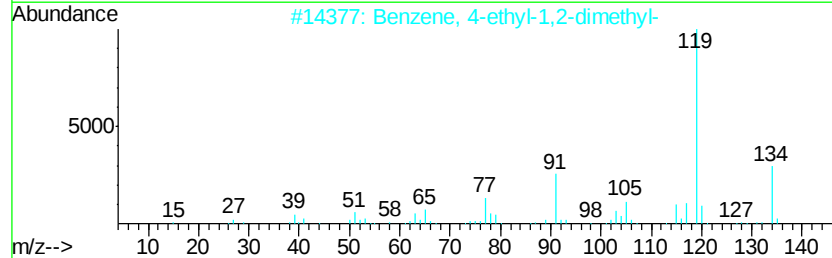
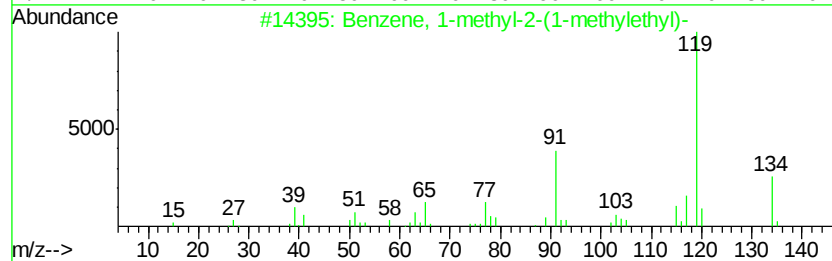
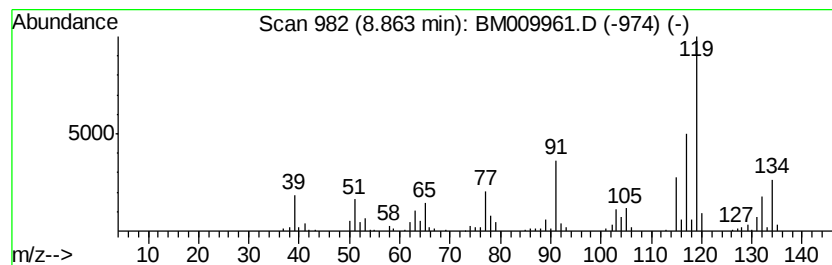
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-2-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	21.33 ng	567648	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	81



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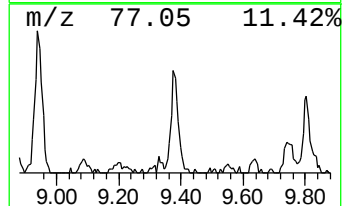
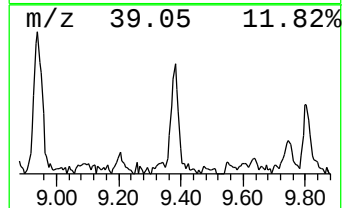
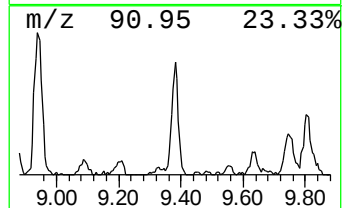
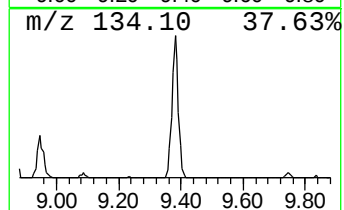
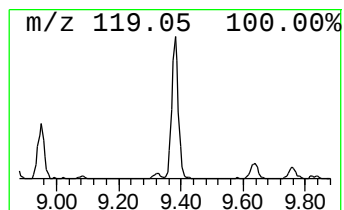
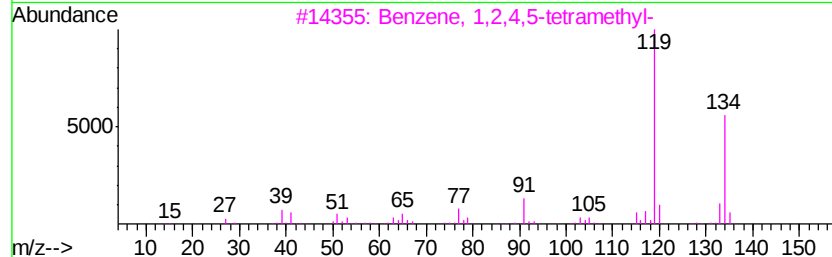
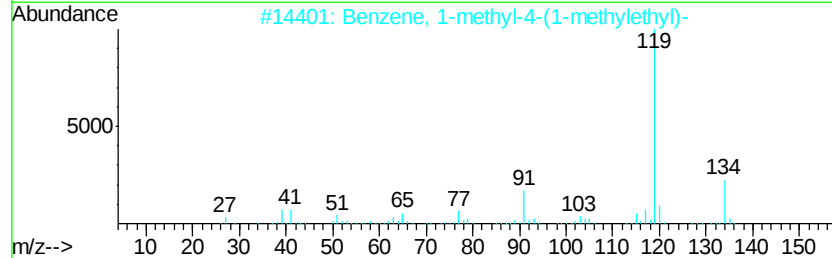
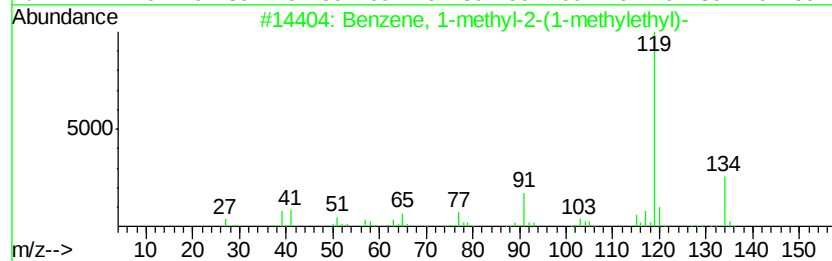
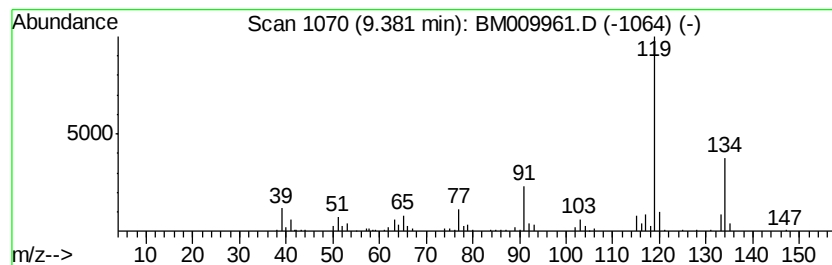
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	6.81 ng	377093	Napthalene-d8	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
Sample : I2997-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OWL-C4-GW

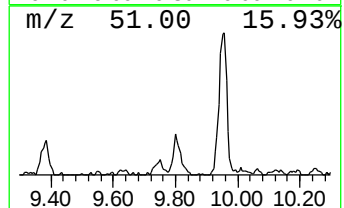
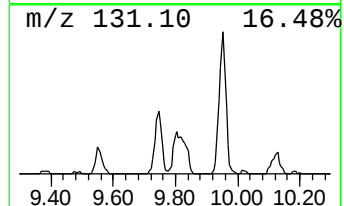
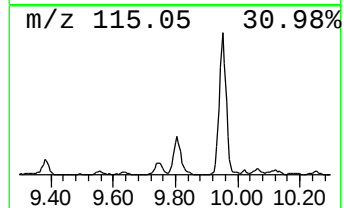
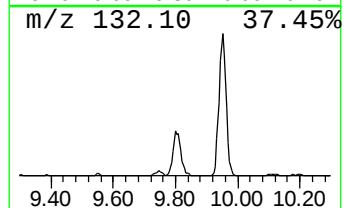
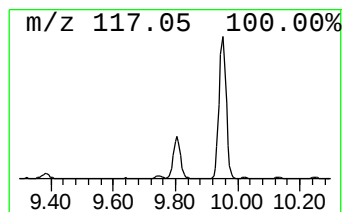
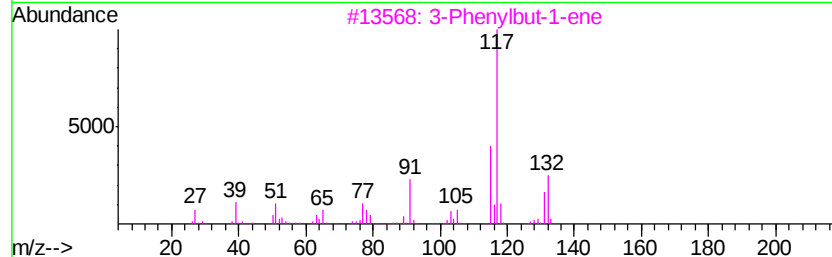
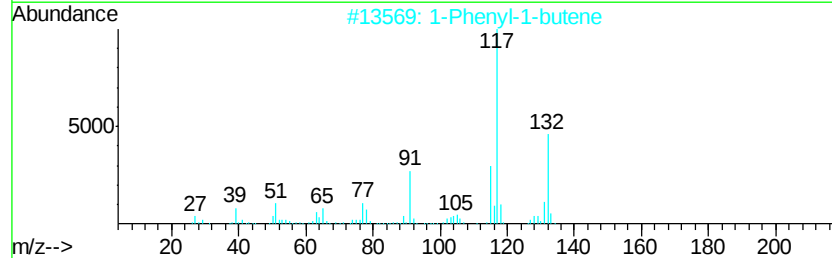
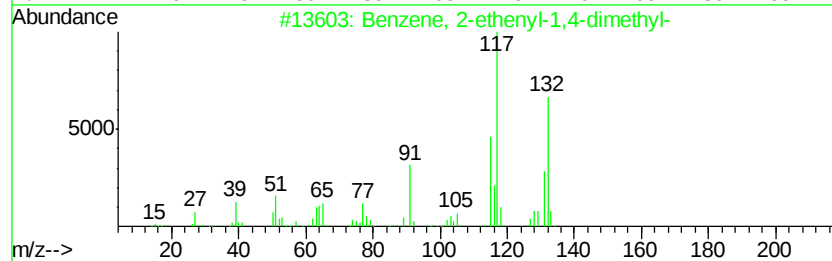
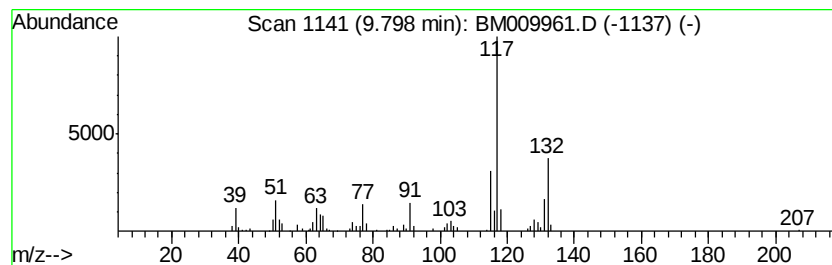
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	6.54 ng	362248	Naphthalene-d8	10.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
5			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
Sample : I2997-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OWL-C4-GW

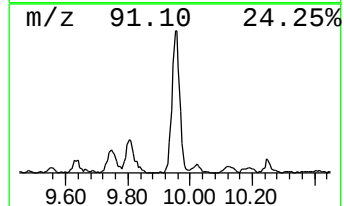
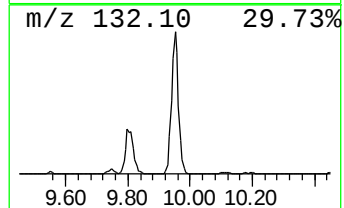
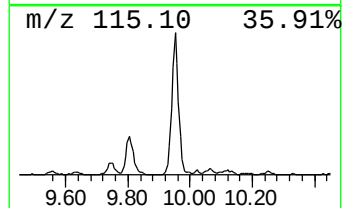
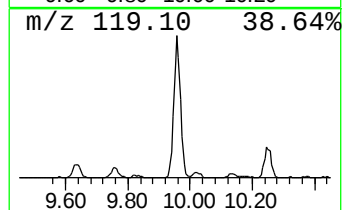
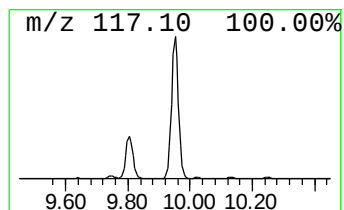
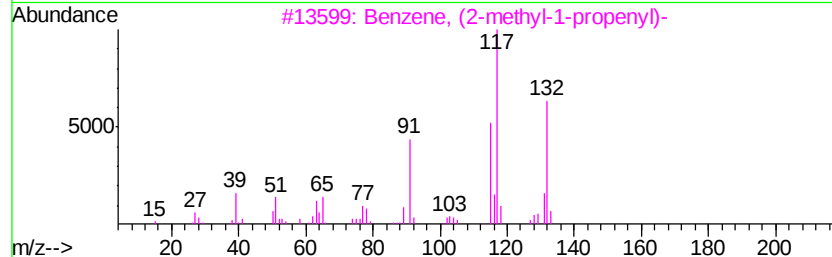
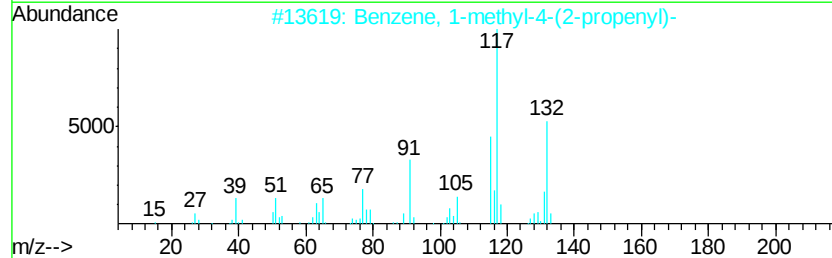
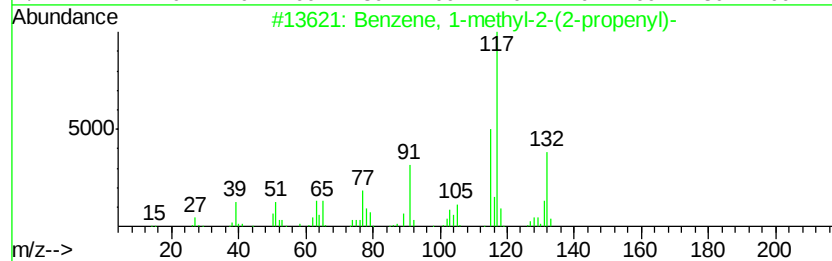
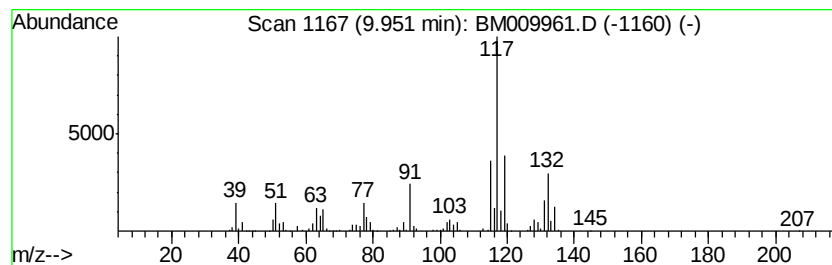
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-methyl-2-(2-prop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	26.00 ng	1440270	Naphthalene-d8	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	89
2		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	89
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
Sample : I2997-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OWL-C4-GW

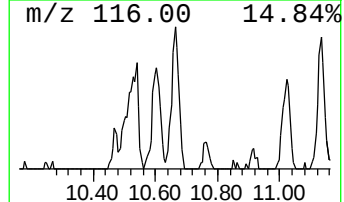
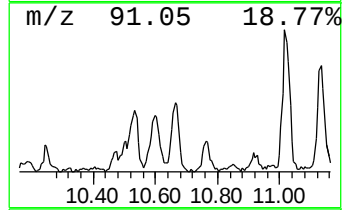
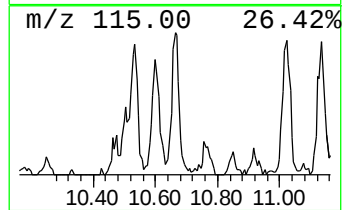
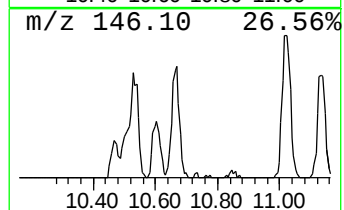
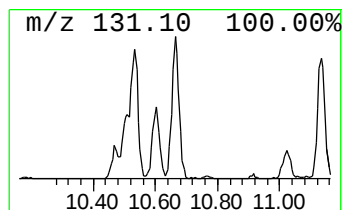
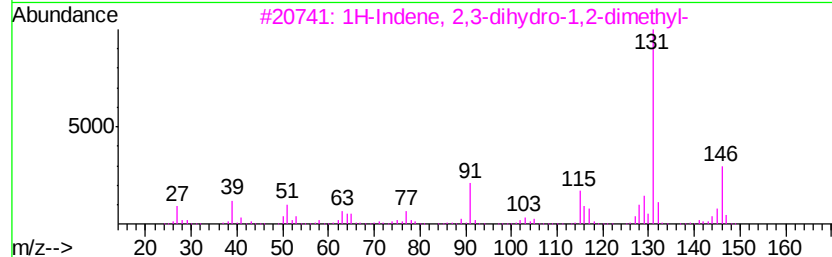
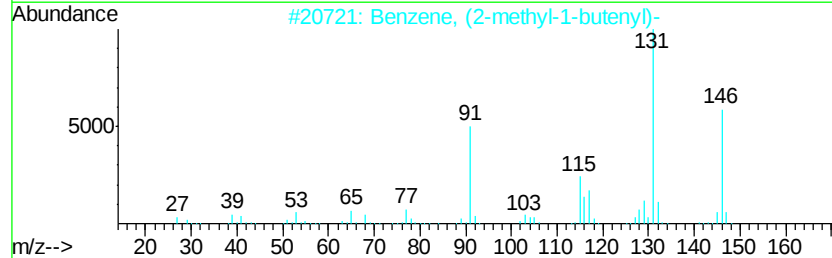
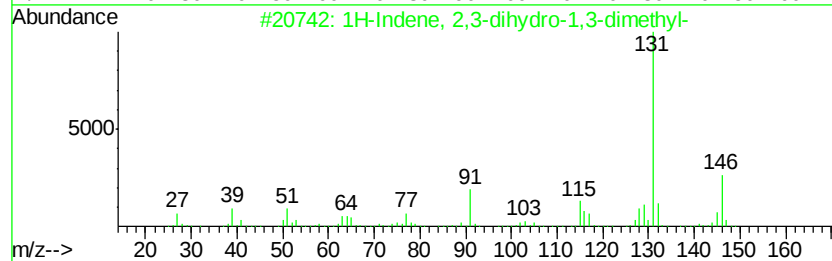
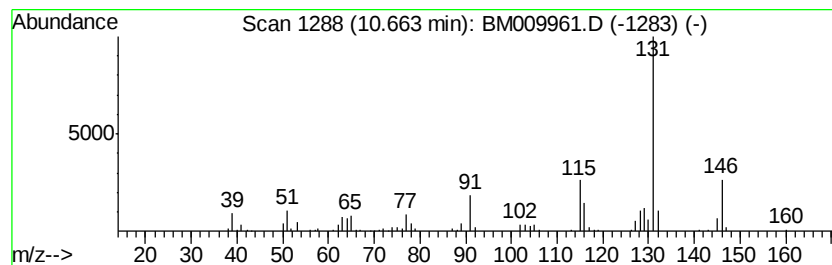
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	6.20 ng	343425	Napthalene-d8	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
Sample : I2997-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

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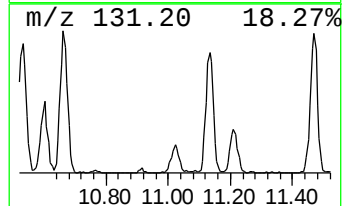
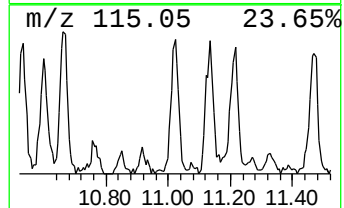
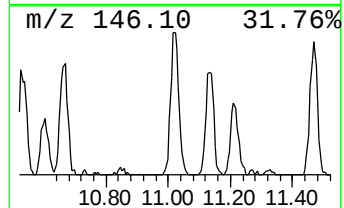
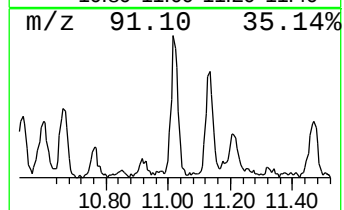
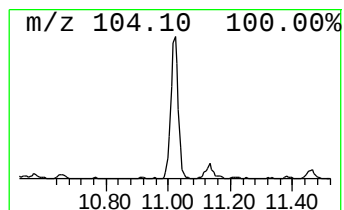
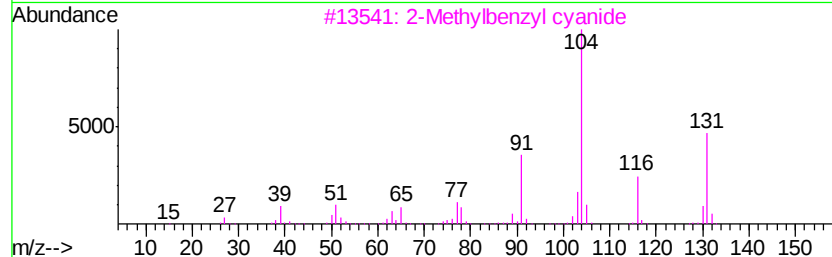
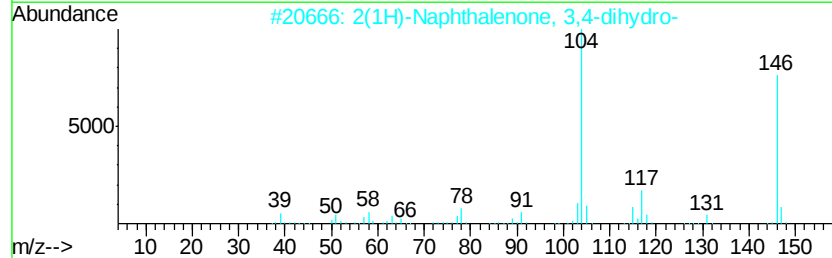
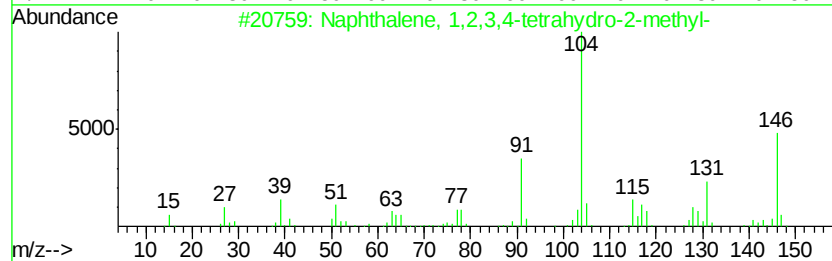
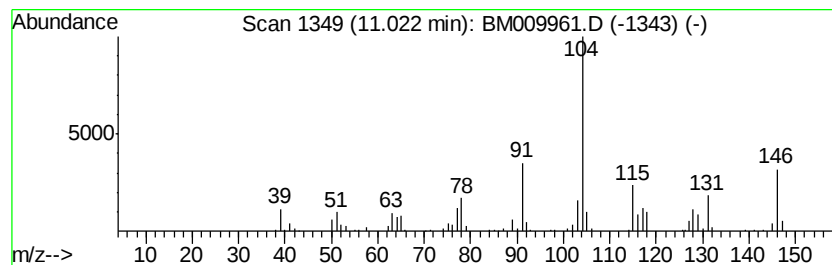
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	7.85 ng	434575	Naphthalene-d8	10.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	59
3		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	49
4		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	45
5		Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
OWL-C4-GW

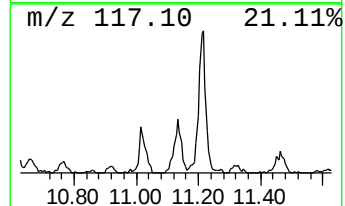
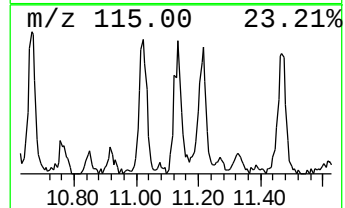
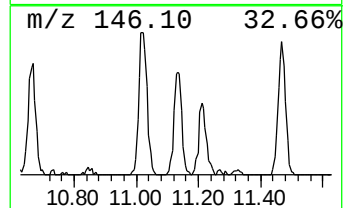
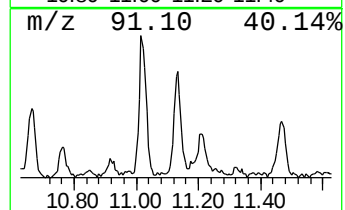
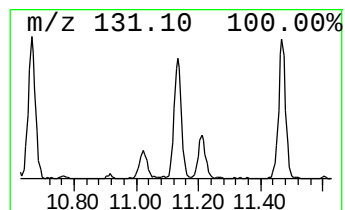
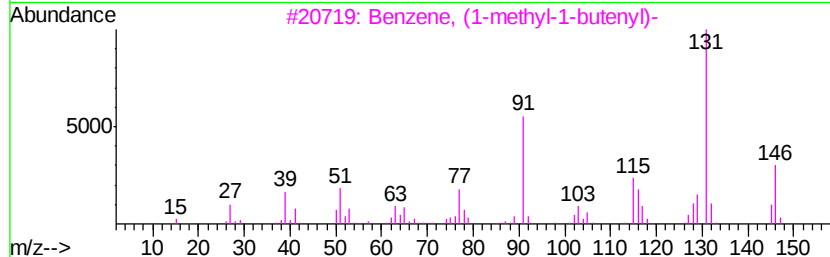
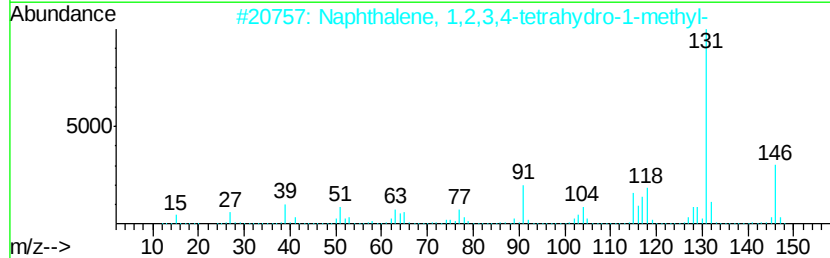
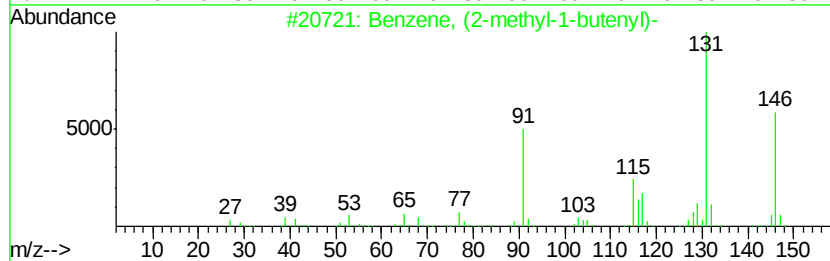
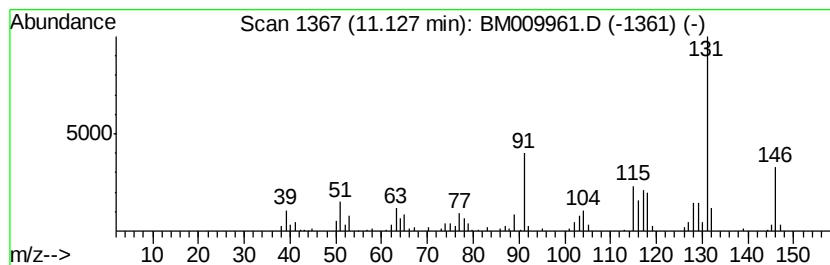
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, (2-methyl-1-butenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	6.73 ng	372616	Naphthalene-d8	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
4		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	81
5		1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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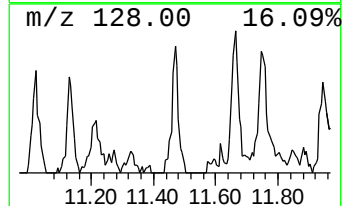
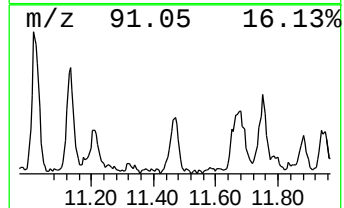
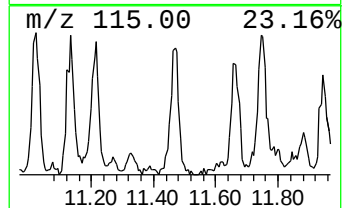
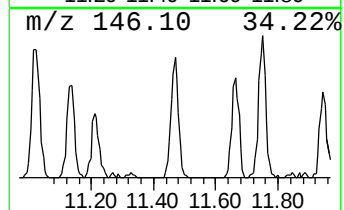
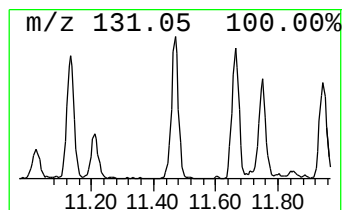
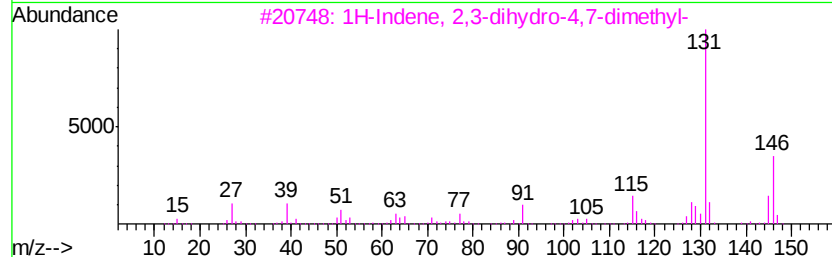
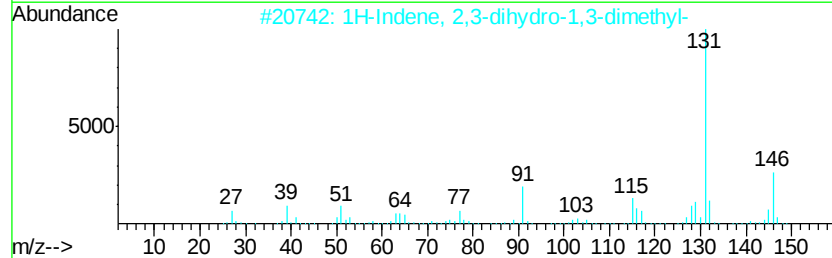
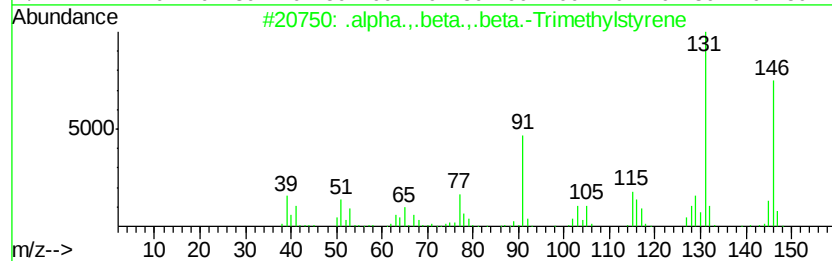
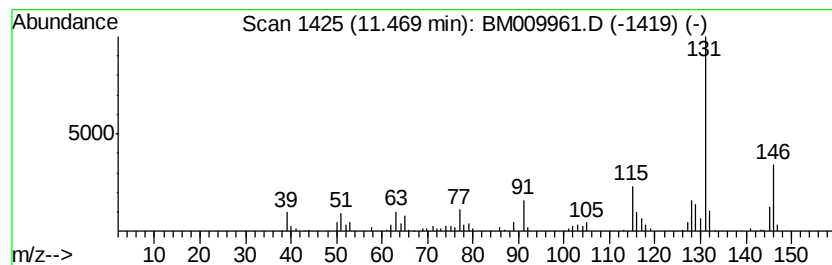
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 .alpha.,.beta.,.beta.-Trime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	6.13 ng	339339	Napthalene-d8	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	96
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
Sample : I2997-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OWL-C4-GW

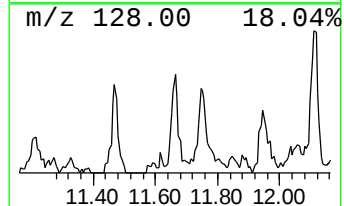
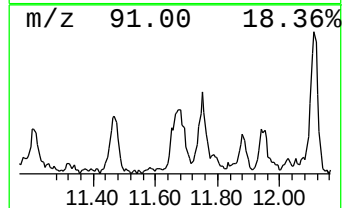
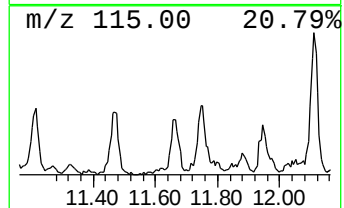
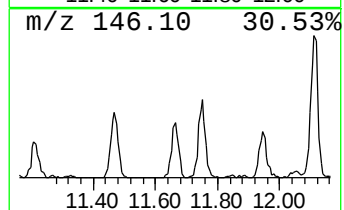
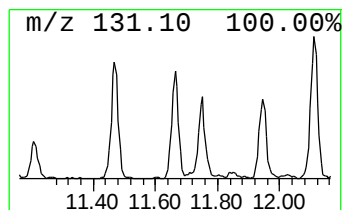
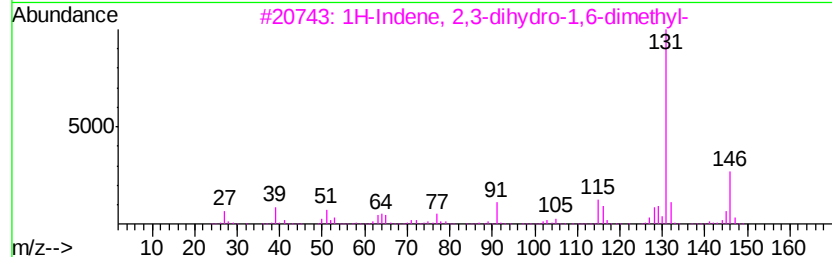
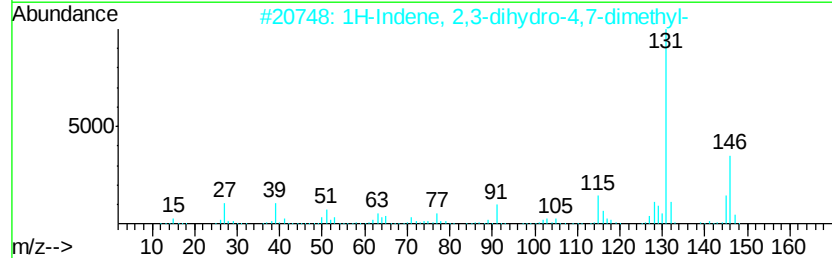
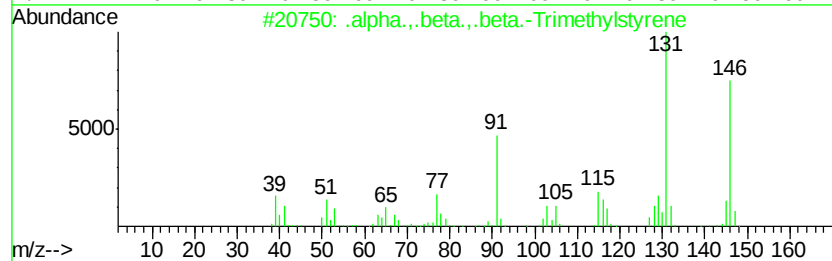
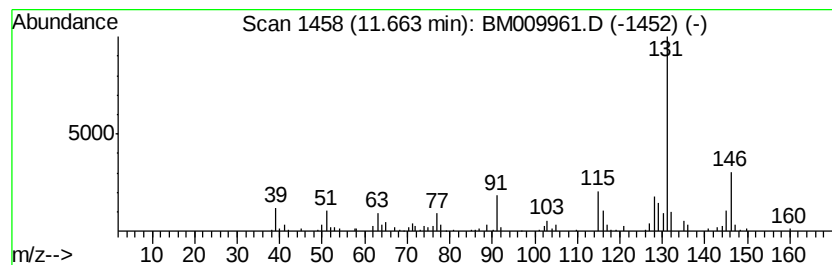
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	7.49 ng	414617	Naphthalene-d8	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	91
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
Sample : I2997-02
Misc :
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ClientSampleId :
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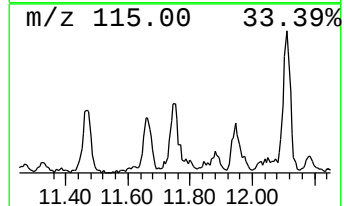
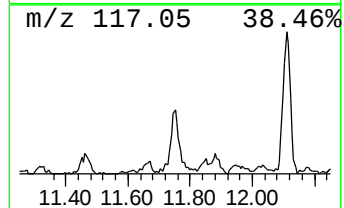
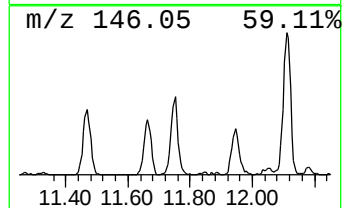
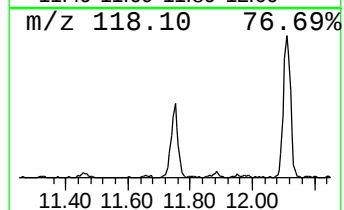
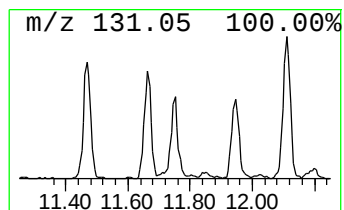
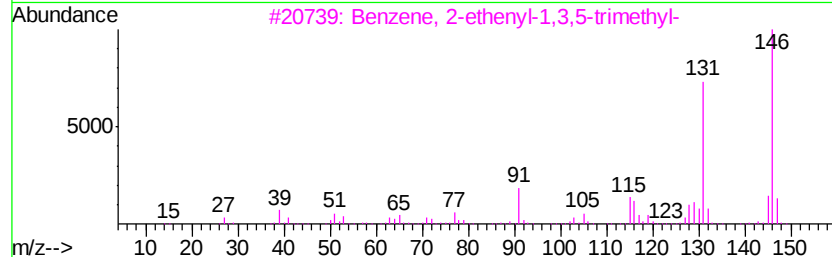
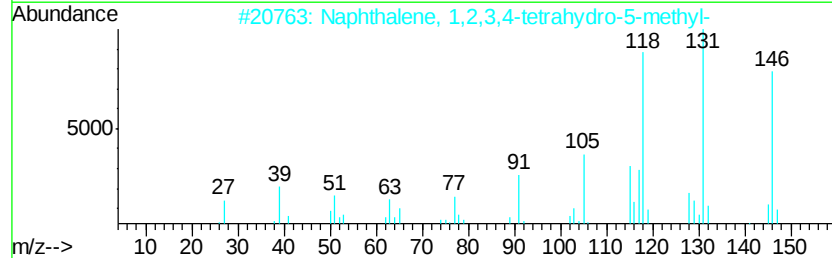
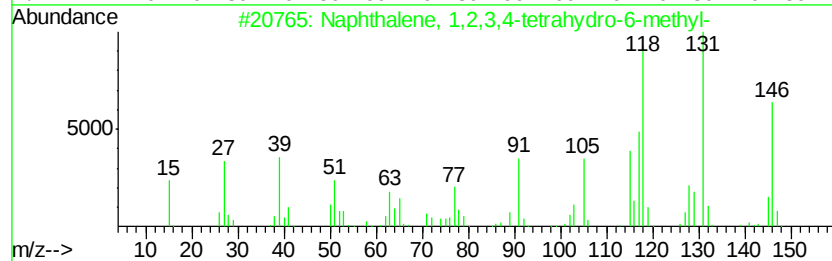
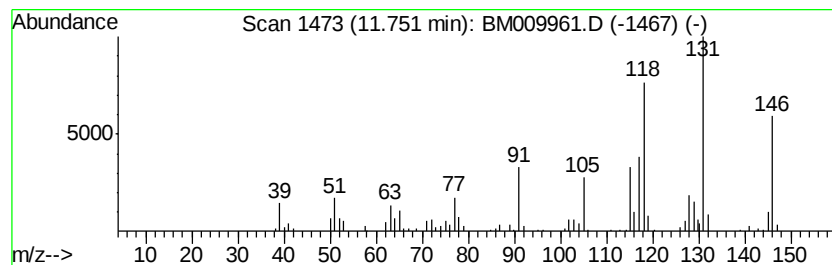
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	8.27 ng	457787	Naphthalene-d8	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53
4		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	49
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
Sample : I2997-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

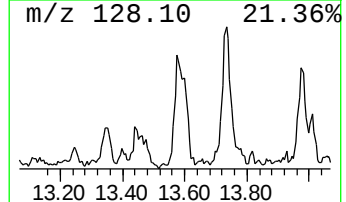
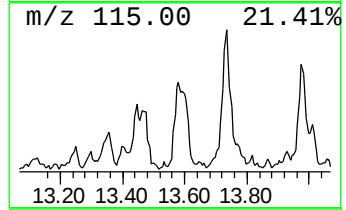
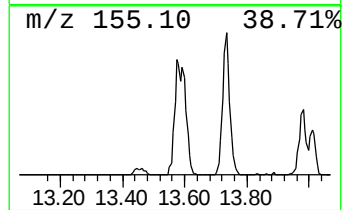
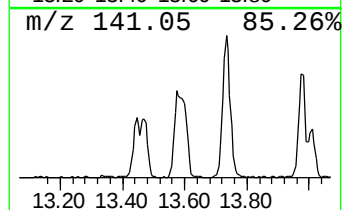
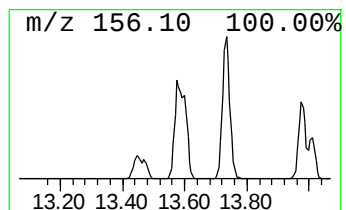
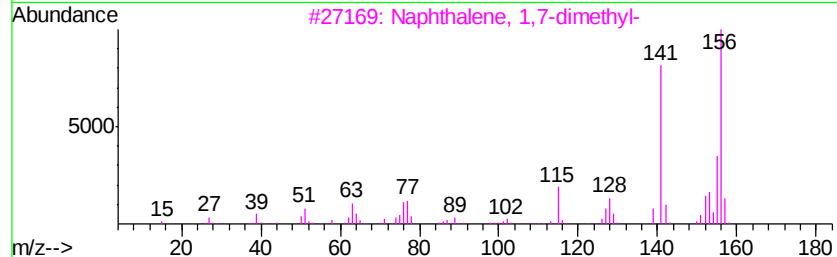
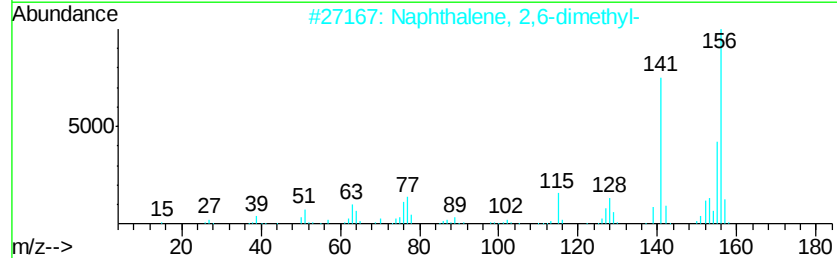
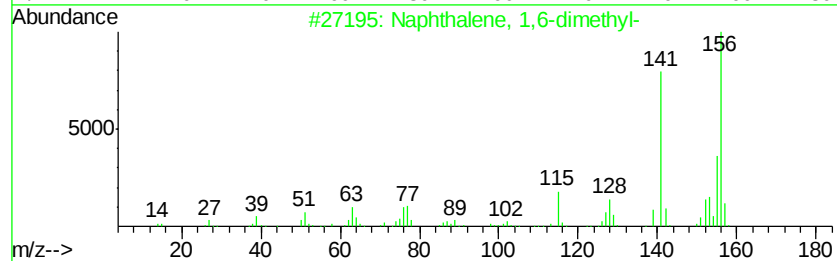
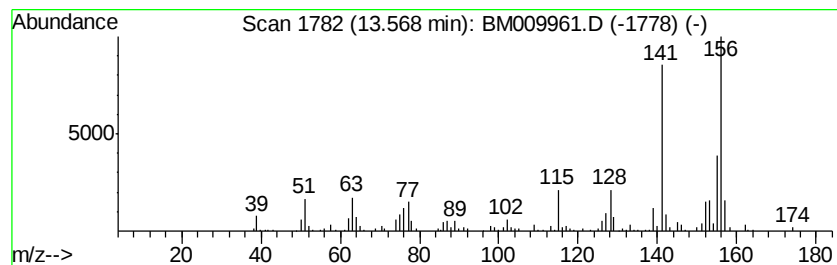
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	10.16 ng	556653	Acenaphthene-d10	14.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 95
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OWL-C4-GW

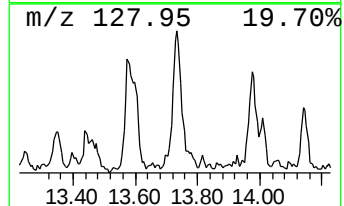
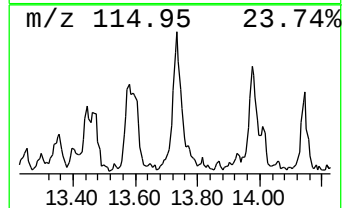
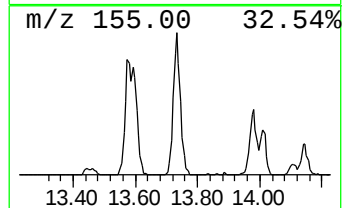
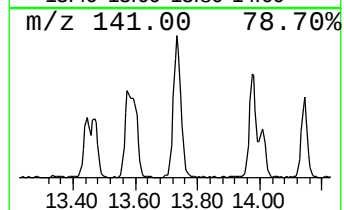
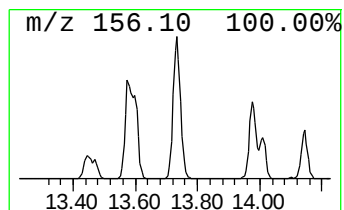
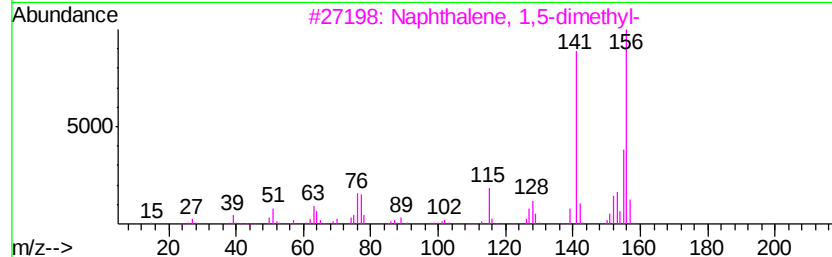
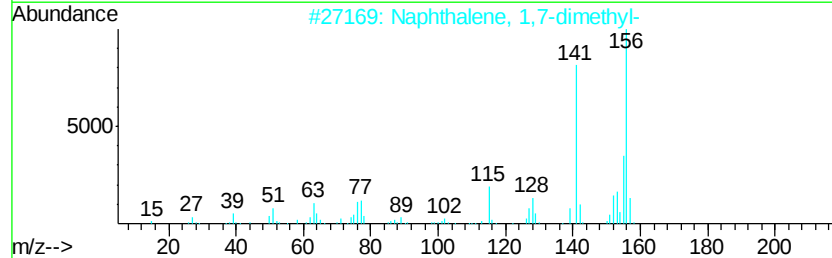
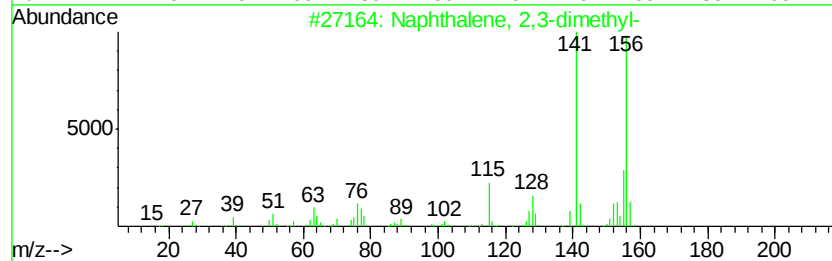
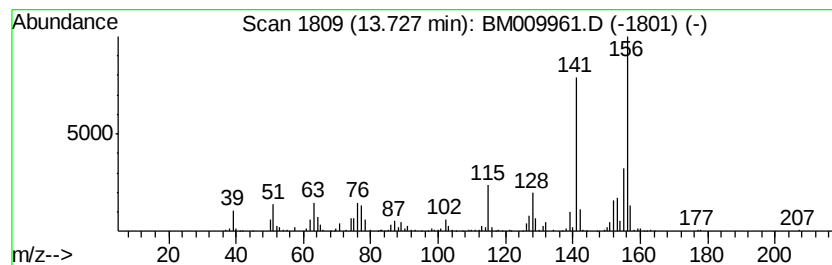
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	20.39 ng	1117420	Acenaphthene-d10	14.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
Sample : I2997-02
Misc :
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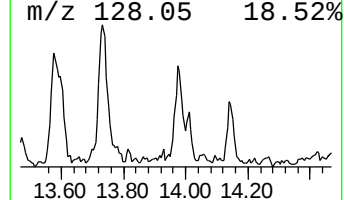
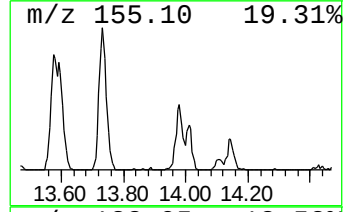
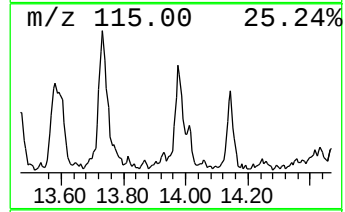
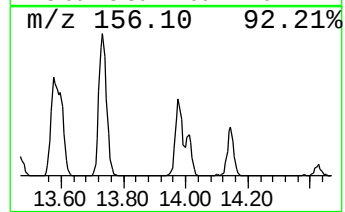
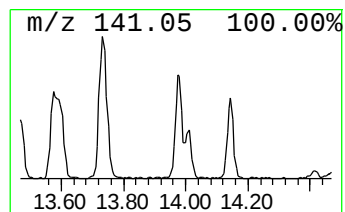
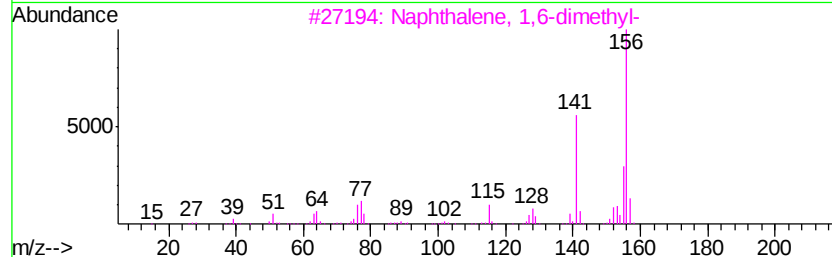
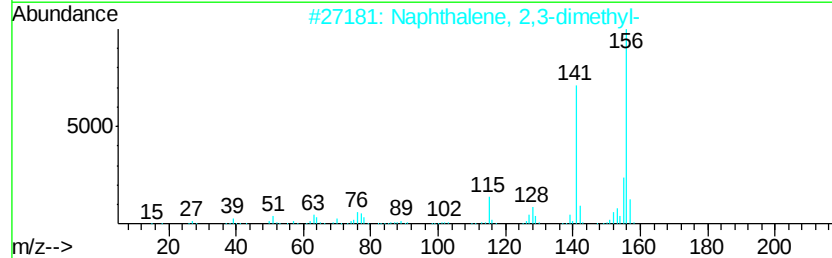
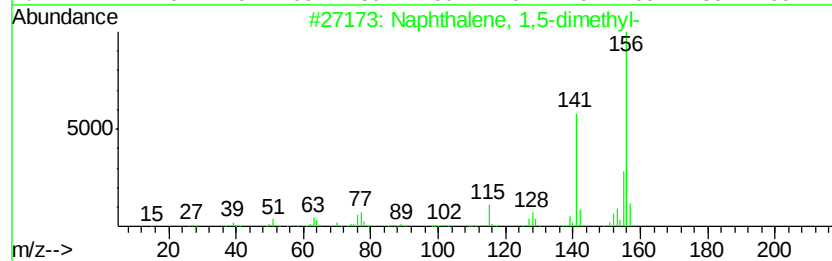
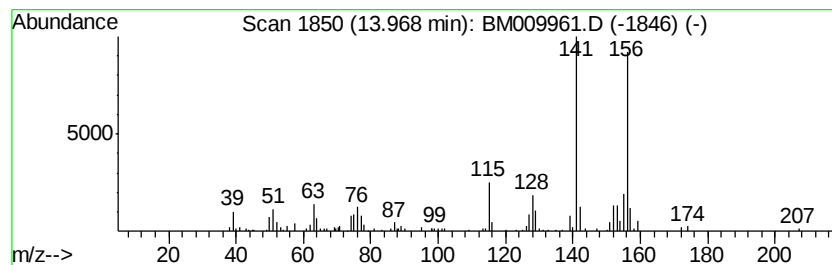
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.97	9.54 ng	522566	Acenaphthene-d10		14.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
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Acq On : 07 May 2017 03:27
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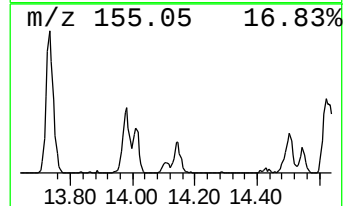
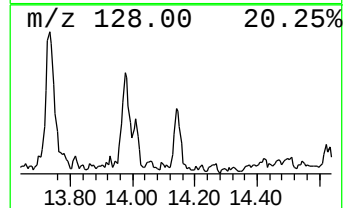
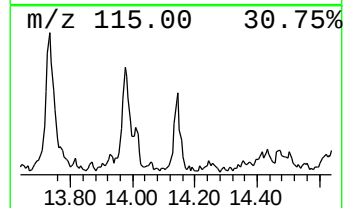
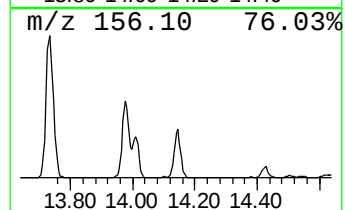
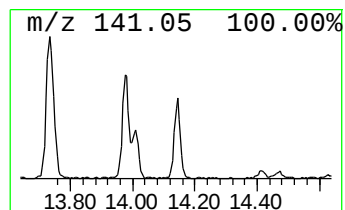
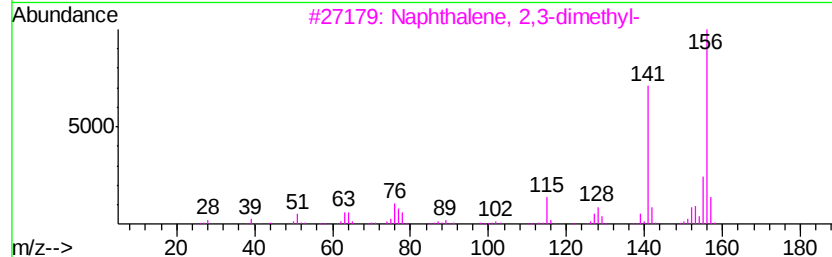
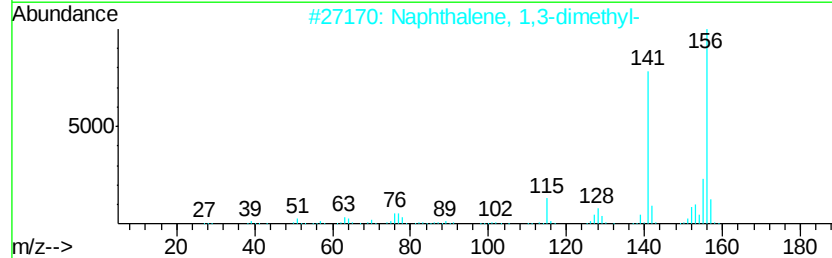
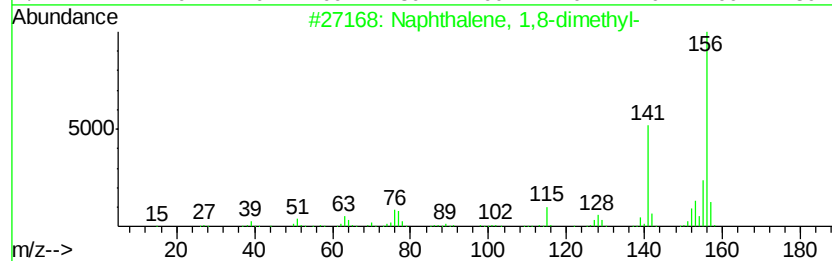
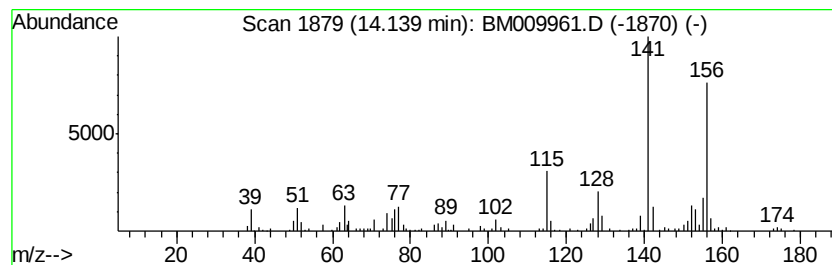
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,8-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.14	6.54 ng	358373	Acenaphthene-d10		14.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
Sample : I2997-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

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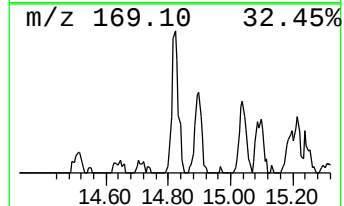
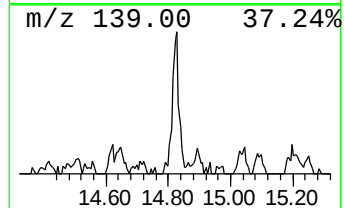
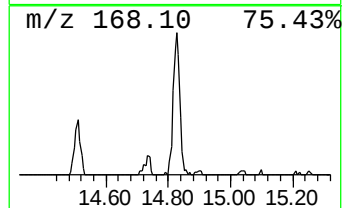
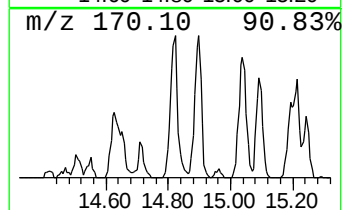
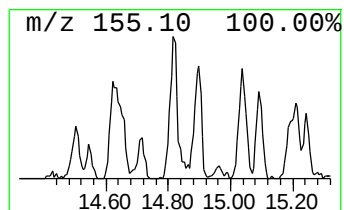
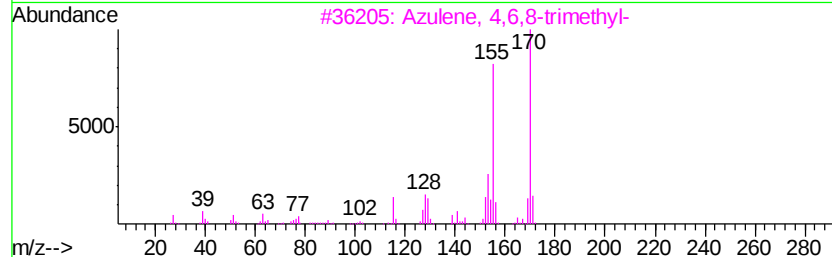
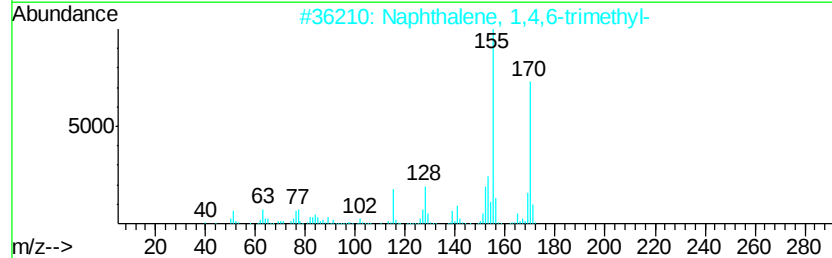
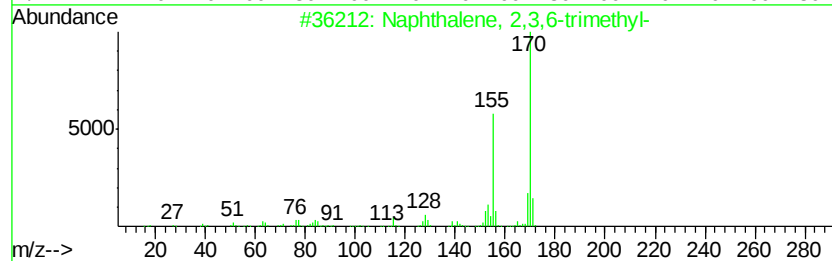
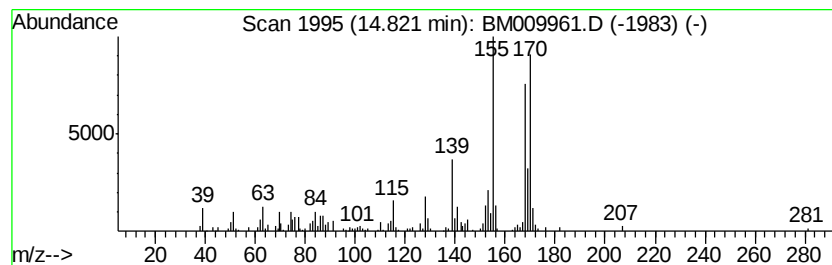
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	7.18 ng	393546	Acenaphthene-d10	14.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
3		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	64
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
Sample : I2997-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OWL-C4-GW

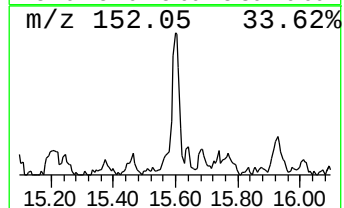
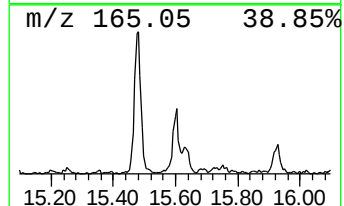
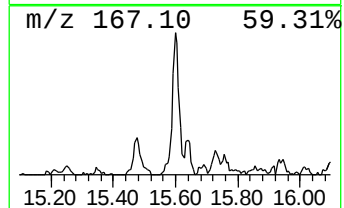
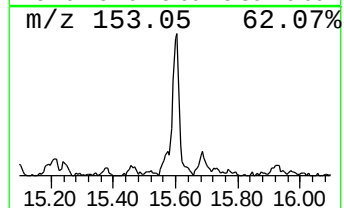
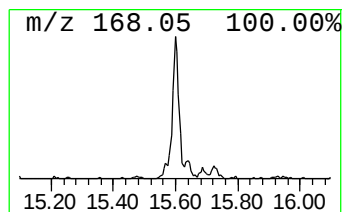
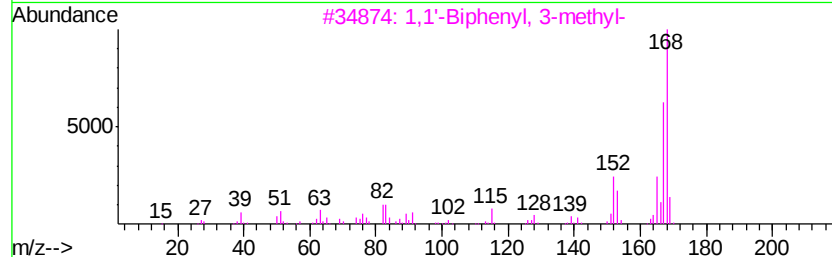
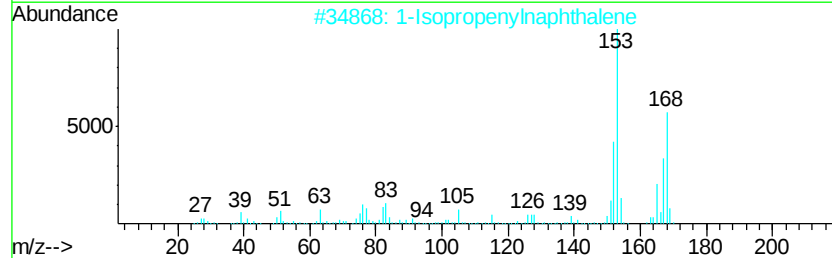
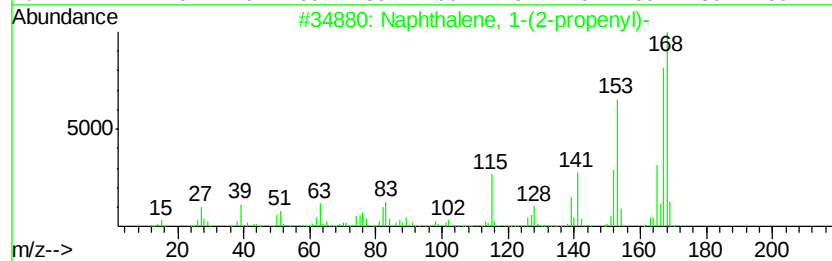
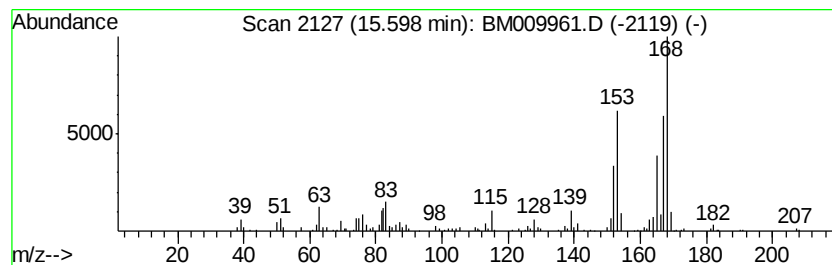
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 1-(2-propenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	7.75 ng	424766	Acenaphthene-d10	14.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	76
2			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	70
3			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60
4			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58
5			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
 Data File : BM009961.D
 Acq On : 07 May 2017 03:27
 Operator : SJ/MA
 Sample : I2997-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.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
unknown7.30	7.30	79.4	ng	2114520	1	7.77	532378	20.0
Benzene, 1,4-diet...	8.25	7.2	ng	192817	1	7.77	532378	20.0
Benzene, 1-methyl...	8.86	21.3	ng	567648	1	7.77	532378	20.0
Benzene, 1-methyl...	9.38	6.8	ng	377093	2	10.56	1107750	20.0
Benzene, 2-etheny...	9.80	6.5	ng	362248	2	10.56	1107750	20.0
Benzene, 1-methyl...	9.95	26.0	ng	1440270	2	10.56	1107750	20.0
1H-Indene, 2,3-di...	10.66	6.2	ng	343425	2	10.56	1107750	20.0
Naphthalene, 1,2,...	11.02	7.8	ng	434575	2	10.56	1107750	20.0
Benzene, (2-methy...	11.13	6.7	ng	372616	2	10.56	1107750	20.0
.alpha.,.beta.,.b...	11.47	6.1	ng	339339	2	10.56	1107750	20.0
1H-Indene, 2,3-di...	11.66	7.5	ng	414617	2	10.56	1107750	20.0
Naphthalene, 1,2,...	11.75	8.3	ng	457787	2	10.56	1107750	20.0
Naphthalene, 1,6-...	13.57	10.2	ng	556653	3	14.42	1095880	20.0
Naphthalene, 2,3-...	13.73	20.4	ng	1117420	3	14.42	1095880	20.0
Naphthalene, 1,5-...	13.97	9.5	ng	522566	3	14.42	1095880	20.0
Naphthalene, 1,8-...	14.14	6.5	ng	358373	3	14.42	1095880	20.0
Naphthalene, 2,3,...	14.82	7.2	ng	393546	3	14.42	1095880	20.0
Naphthalene, 1-(2...	15.60	7.8	ng	424766	3	14.42	1095880	20.0