

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090455.D
 Acq On : 7 Oct 2016 20:35
 Operator : UM/SJ
 Sample : H5140-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-6

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_F\METHODS\8270-BF100516.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	4.017	141	147	149	rBV2	239700	566956	1.68%	0.124%
2	4.280	166	170	173	rBV	216721	349021	1.03%	0.076%
3	4.611	196	199	205	rVB2	541913	1004077	2.97%	0.219%
4	5.034	232	236	239	rBV	680771	829775	2.46%	0.181%
5	5.137	239	245	247	rBV3	1068258	2484271	7.36%	0.543%
6	5.183	247	249	252	rBV2	1737270	2686640	7.96%	0.587%
7	5.251	252	255	257	rVB3	275510	577492	1.71%	0.126%
8	5.320	257	261	265	rVB2	337428	581215	1.72%	0.127%
9	5.389	265	267	269	rBV	1459750	2192132	6.49%	0.479%
10	5.457	272	273	276	rBV2	2222274	3480357	10.31%	0.760%
11	5.503	276	277	280	rVB	1577134	1775593	5.26%	0.388%
12	5.571	280	283	287	rVB3	6668771	17389161	51.51%	3.799%
13	5.674	291	292	295	rVB	658498	779133	2.31%	0.170%
14	5.754	297	299	302	rBV	1507780	2670950	7.91%	0.583%
15	5.800	302	303	304	rBV	1526663	1567700	4.64%	0.342%
16	5.834	304	306	310	rVB2	6067855	7659283	22.69%	1.673%
17	5.903	310	312	315	rVB2	2647606	4086225	12.10%	0.893%
18	6.017	318	322	324	rBV2	2484316	4282819	12.69%	0.936%
19	6.063	324	326	330	rBV2	1660355	3131615	9.28%	0.684%
20	6.154	330	334	336	rVB2	3885599	6582048	19.50%	1.438%
21	6.200	336	338	340	rBV	1383732	2513674	7.45%	0.549%
22	6.246	340	342	345	rBV2	7276203	11902088	35.25%	2.600%
23	6.303	345	347	349	rVB	2437440	2220924	6.58%	0.485%
24	6.337	349	350	356	rVB4	1718330	4909680	14.54%	1.072%
25	6.452	356	360	362	rBV2	4952995	12746103	37.75%	2.784%
26	6.532	362	367	371	rBV3	9687384	27871951	82.56%	6.088%
27	6.600	371	373	377	rVB3	6927963	16253030	48.14%	3.550%
28	6.692	379	381	384	rVB	5801531	8032718	23.79%	1.755%
29	6.772	384	388	391	rBV3	5178199	13442600	39.82%	2.936%
30	6.840	391	394	398	rVB2	9644858	24921629	73.82%	5.444%
31	6.966	400	405	406	rBV2	3736988	9951700	29.48%	2.174%
32	7.034	406	411	412	rBV2	4412654	8475809	25.10%	1.851%
33	7.069	412	414	417	rVB	5887769	8424163	24.95%	1.840%
34	7.160	420	422	424	rBV2	5948021	10469046	31.01%	2.287%

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Integration Parameters: rteint.p
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

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

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35	7.286	428	433	435	rBV3	8556956	24141475	71.51%	5.274%
36	7.343	435	438	441	rVB3	7016807	17715576	52.47%	3.870%
37	7.412	441	444	448	rVB2	6776780	12439242	36.84%	2.717%
38	7.515	448	453	454	rBV2	4413814	13211581	39.13%	2.886%
39	7.560	454	457	458	rBV2	5784828	11462215	33.95%	2.504%
40	7.663	464	466	468	rBV2	4140960	7216725	21.38%	1.576%
41	7.732	468	472	474	rVB3	2984167	6737829	19.96%	1.472%
42	7.823	474	480	485	rVB3	5757948	22080447	65.40%	4.823%
43	7.972	485	493	496	rBV7	5847671	33761533	100.00%	7.375%
44	8.040	496	499	504	rVV5	2754655	11011183	32.61%	2.405%
45	8.280	516	520	522	rBV4	3700095	11969567	35.45%	2.615%
46	9.183	597	599	604	rBV5	1839933	7542058	22.34%	1.648%
47	9.858	655	658	660	rBV3	2660309	7452654	22.07%	1.628%
48	10.761	736	737	738	rBV	2444612	3297759	9.77%	0.720%
49	11.081	760	765	766	rBV3	2912879	9682749	28.68%	2.115%
50	12.544	891	893	896	rVB3	3011880	5876811	17.41%	1.284%
51	12.624	897	900	906	rVB3	3385432	8556745	25.34%	1.869%
52	13.012	931	934	936	rVV3	1990311	4030581	11.94%	0.880%
53	13.058	936	938	940	rVV	2661914	2617718	7.75%	0.572%
54	13.138	943	945	946	rVV	4276014	4376747	12.96%	0.956%
55	13.207	950	951	952	rBV	693646	620353	1.84%	0.136%
56	13.355	962	964	966	rBV	1123456	938382	2.78%	0.205%
57	13.698	992	994	998	rVB2	642845	853009	2.53%	0.186%
58	14.178	1034	1036	1042	rVB	1432906	1666641	4.94%	0.364%
59	14.338	1048	1050	1058	rVB3	233114	510593	1.51%	0.112%
60	15.675	1164	1167	1169	rBV	951899	1205654	3.57%	0.263%

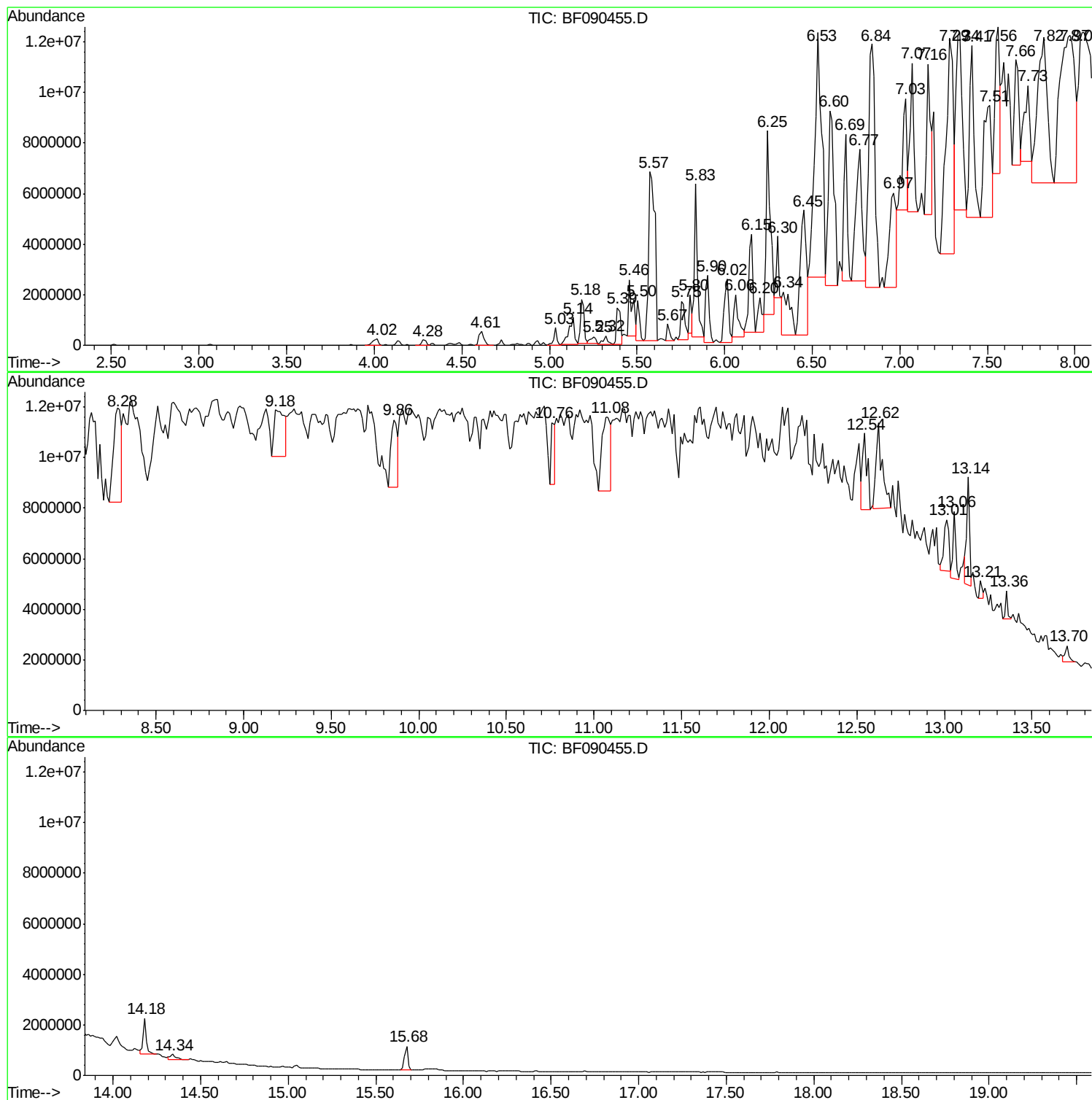
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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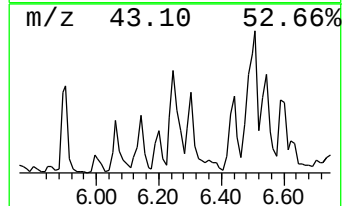
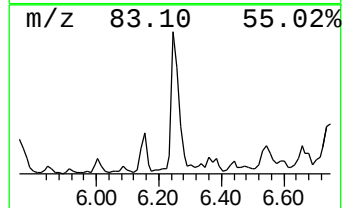
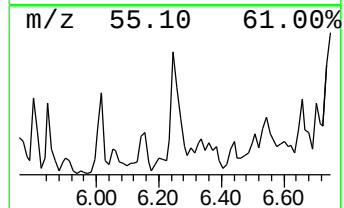
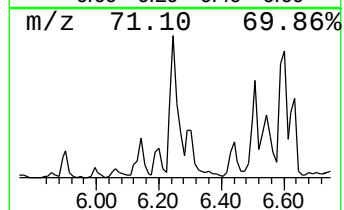
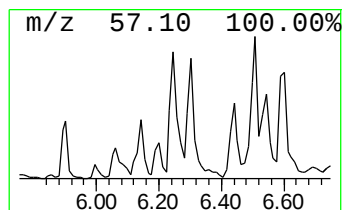
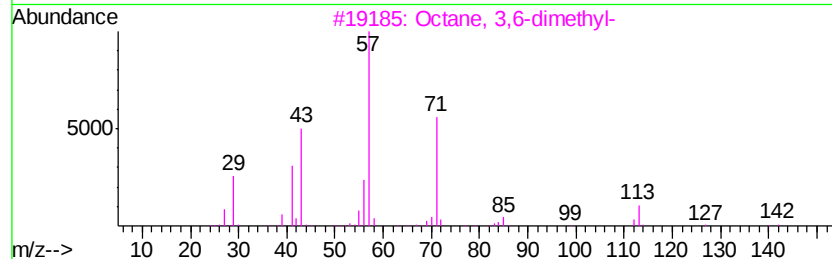
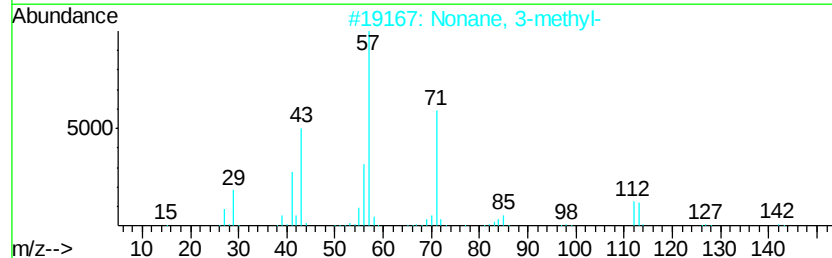
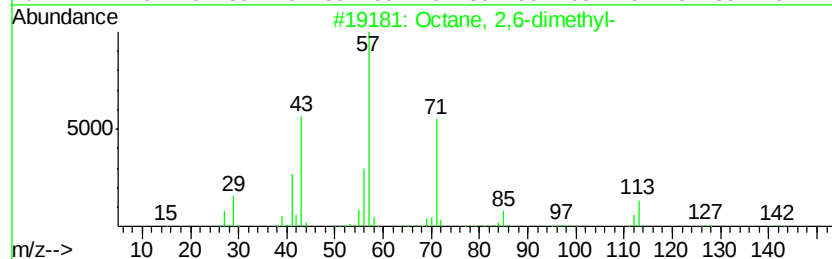
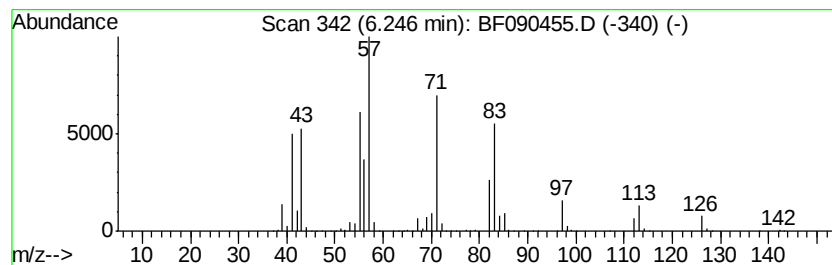
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	23.92 ng	11902100	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	55
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	55
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
4		3-Bromooctane	192	C8H17Br	000999-64-4	38
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	35



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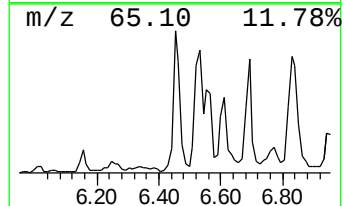
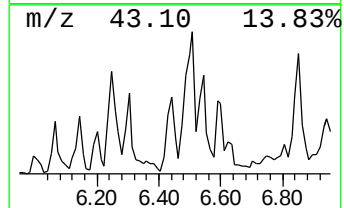
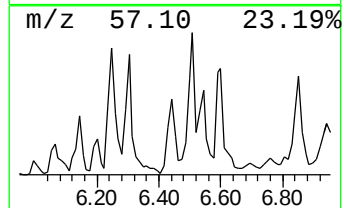
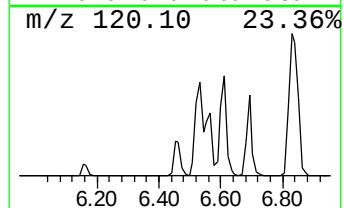
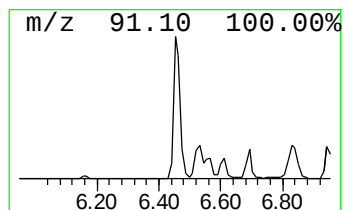
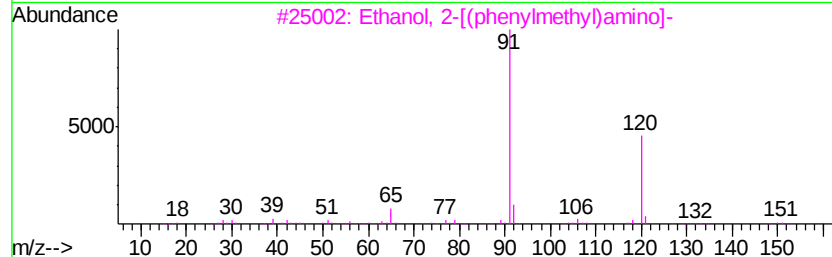
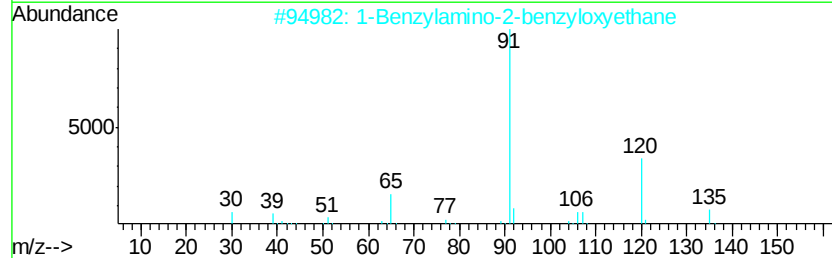
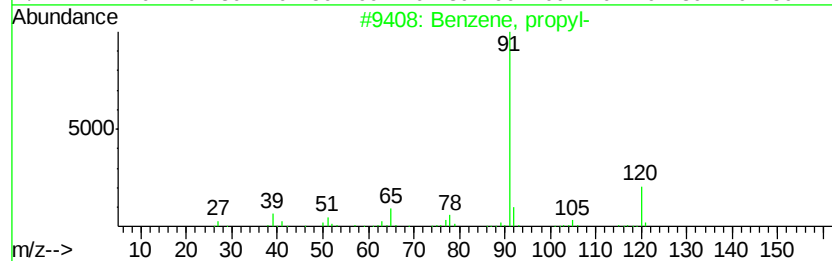
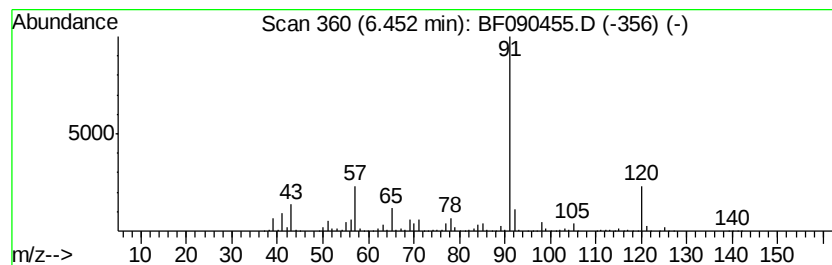
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	25.62 ng	12746100	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	81
2		1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	59
3		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59
4		Propanenitrile, 3-[(phenylmethyl)amino]-	160	C10H12N2	000706-03-6	59
5		1,2-Ethanediamine, N,N'-bis(phenyl)-	240	C16H20N2	000140-28-3	59



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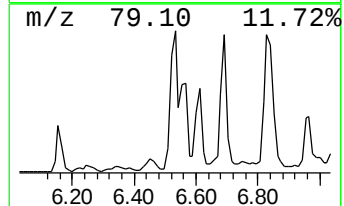
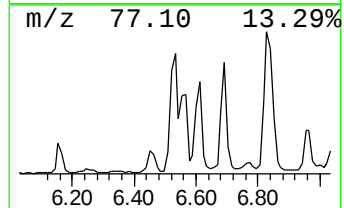
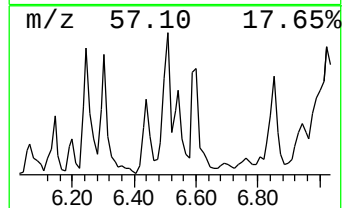
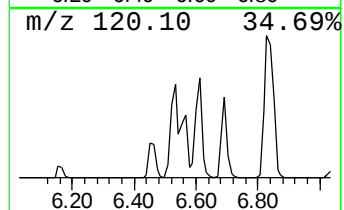
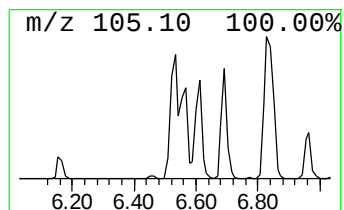
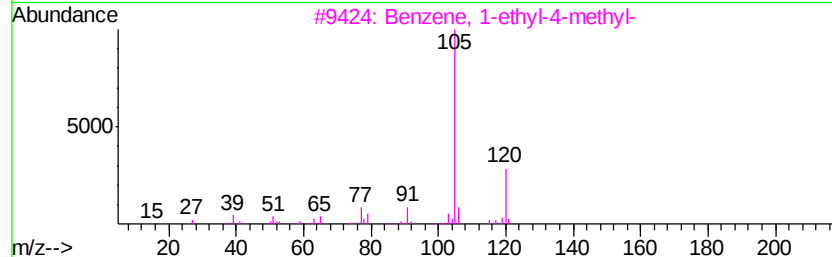
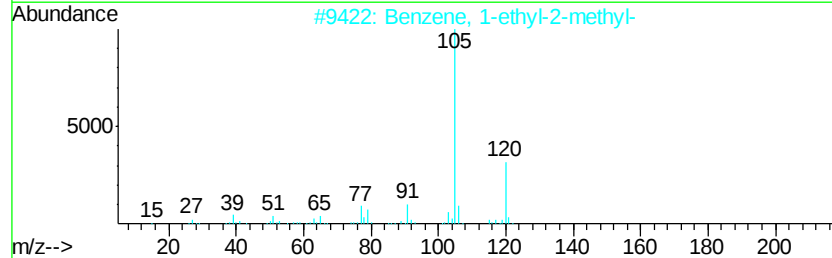
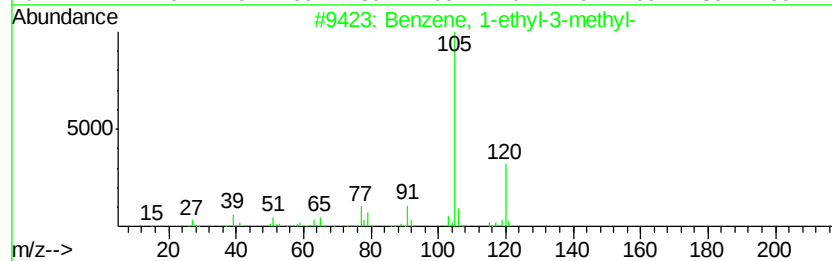
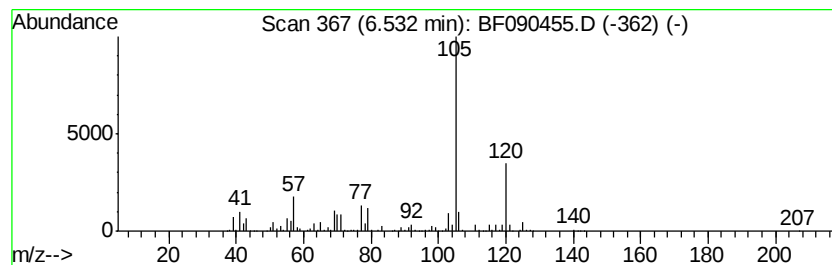
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	56.01 ng	27872000	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
5		Mesitylene	120	C9H12	000108-67-8	81



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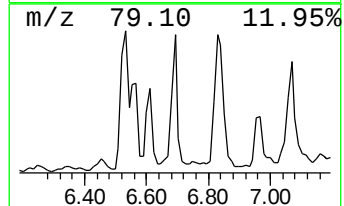
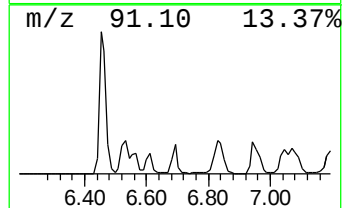
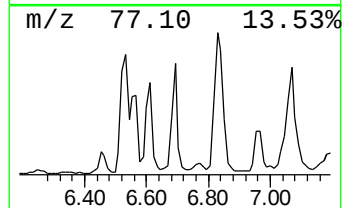
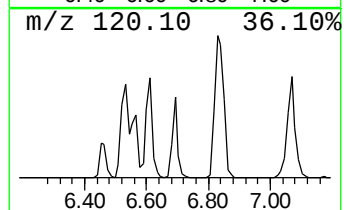
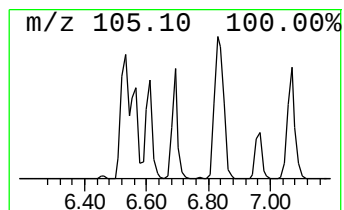
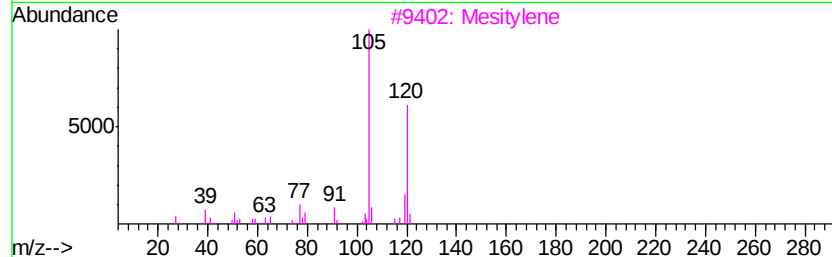
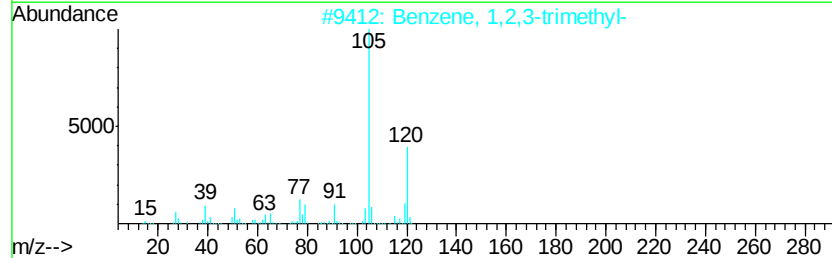
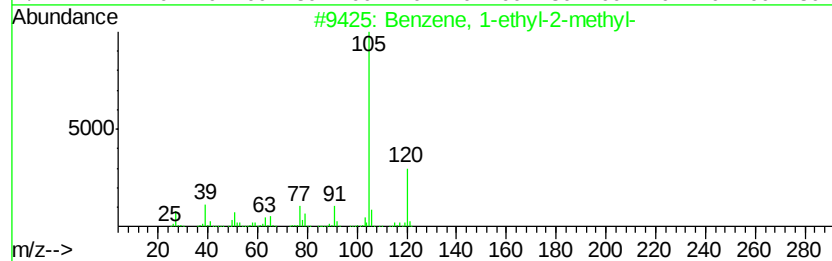
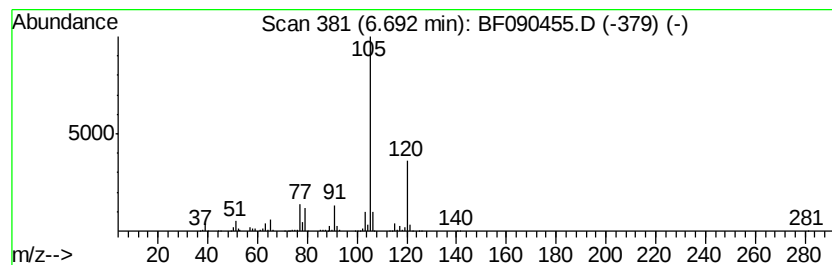
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	16.14 ng	8032720	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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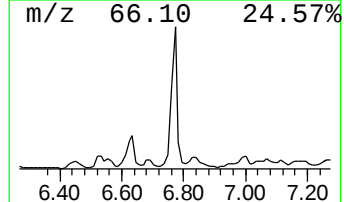
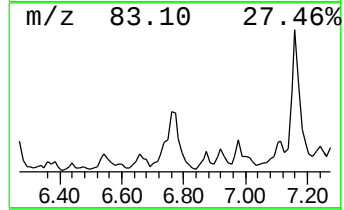
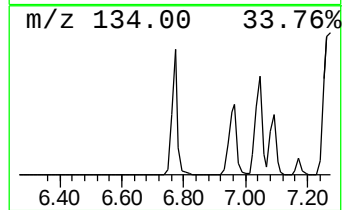
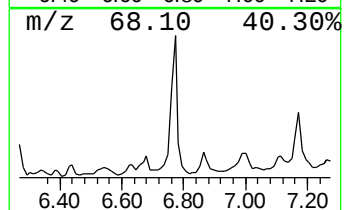
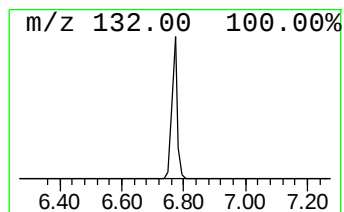
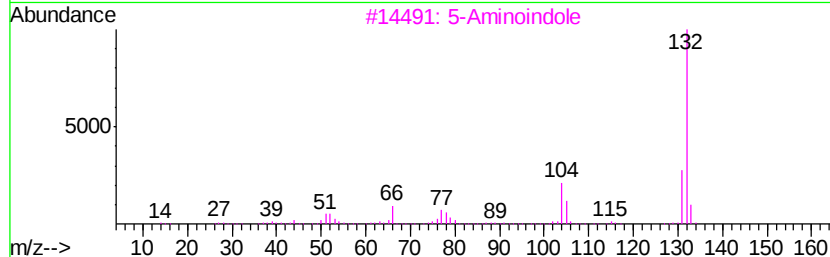
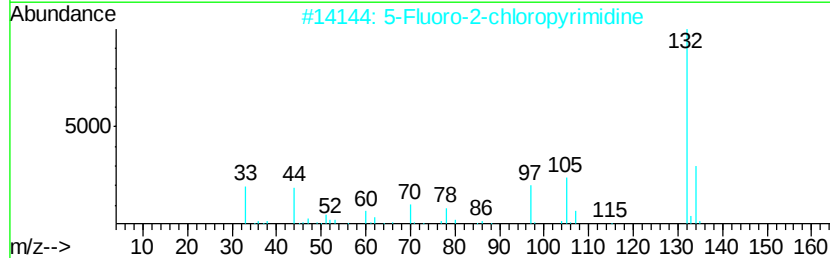
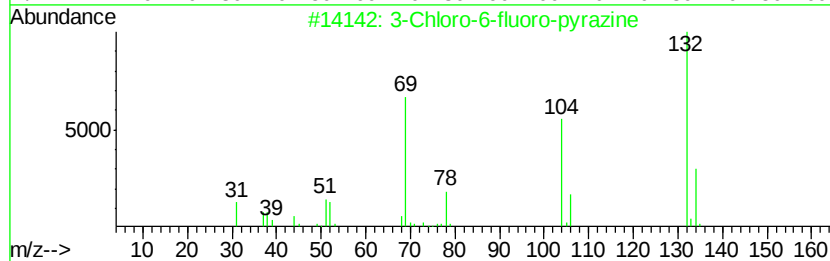
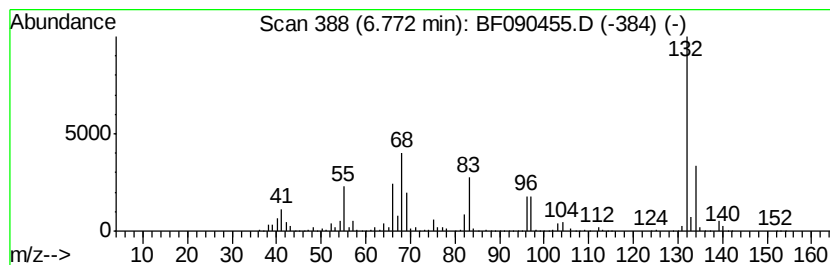
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.77 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	27.02 ng	13442600	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	12
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090455.D
Acq On : 7 Oct 2016 20:35
Operator : UM/SJ
Sample : H5140-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-6

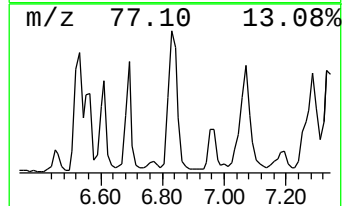
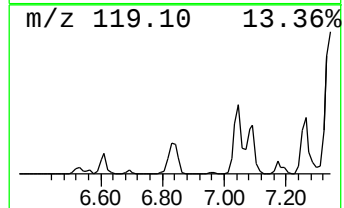
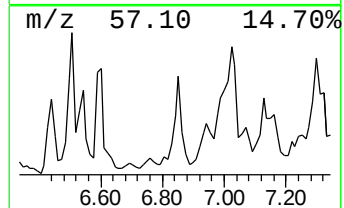
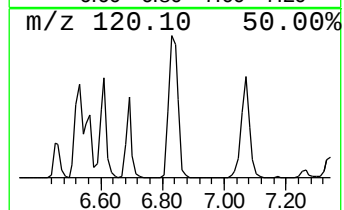
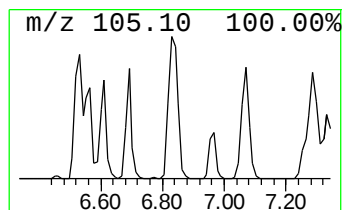
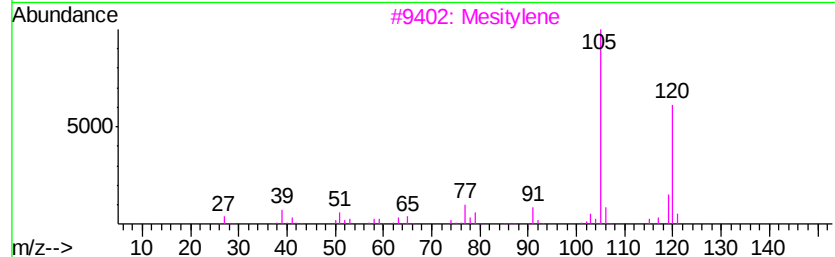
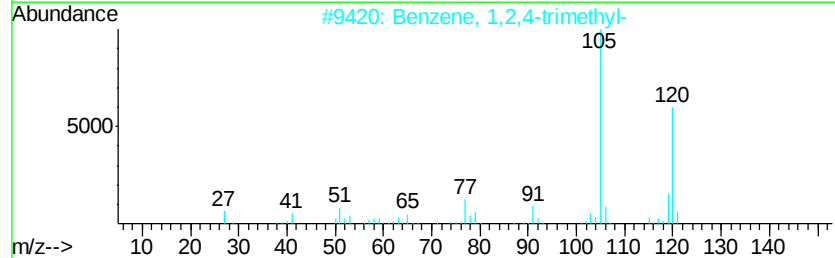
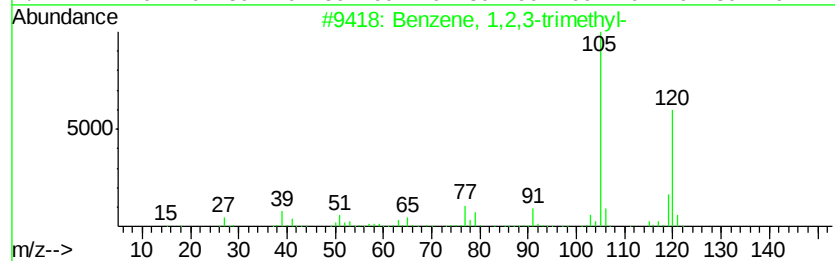
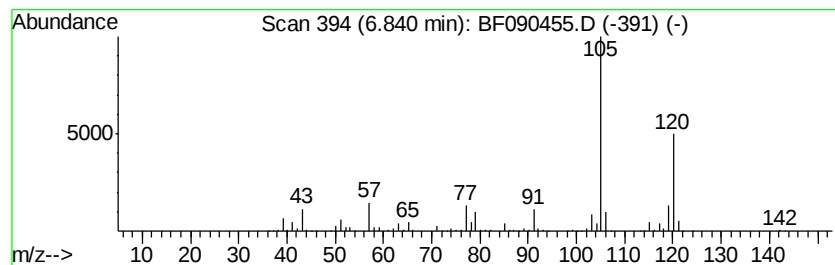
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	50.09 ng	24921600	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Mesitylene	120	C9H12	000108-67-8	95
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090455.D
Acq On : 7 Oct 2016 20:35
Operator : UM/SJ
Sample : H5140-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
T-6

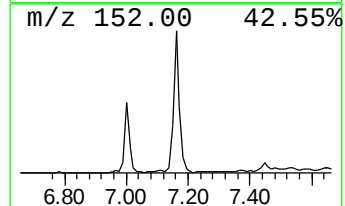
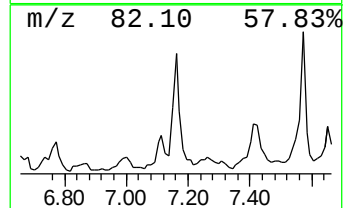
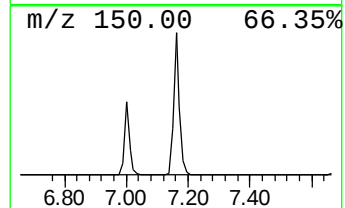
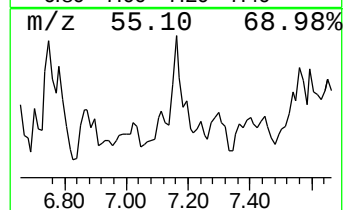
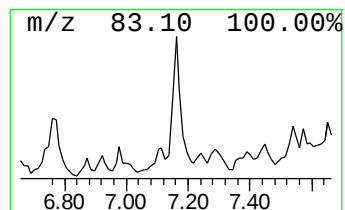
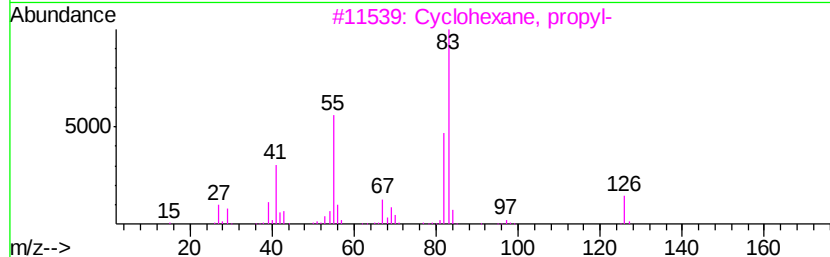
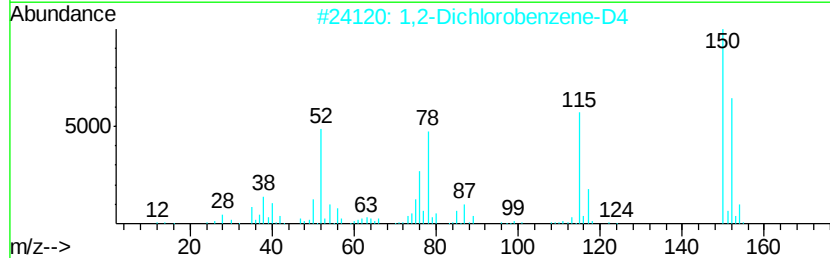
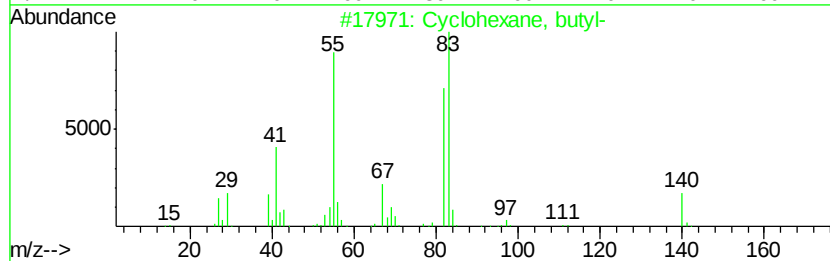
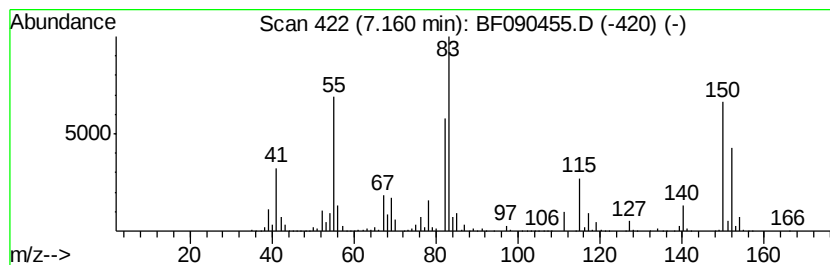
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	21.04 ng	10469000	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
2		1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	42
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	38
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
5		1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090455.D
Acq On : 7 Oct 2016 20:35
Operator : UM/SJ
Sample : H5140-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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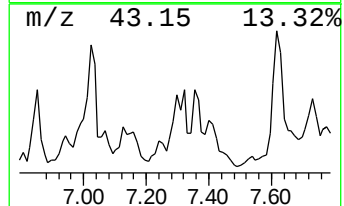
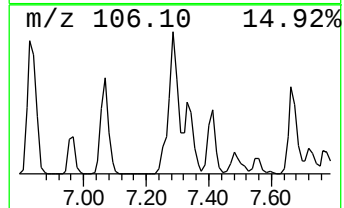
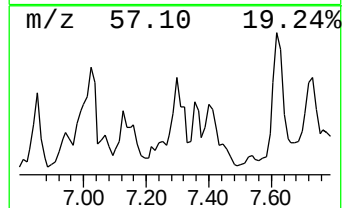
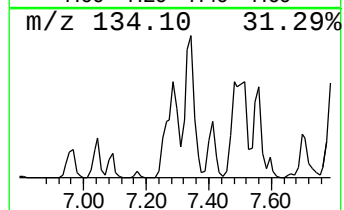
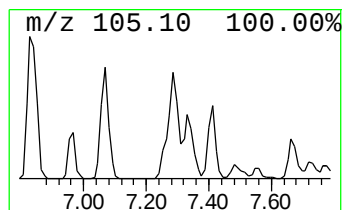
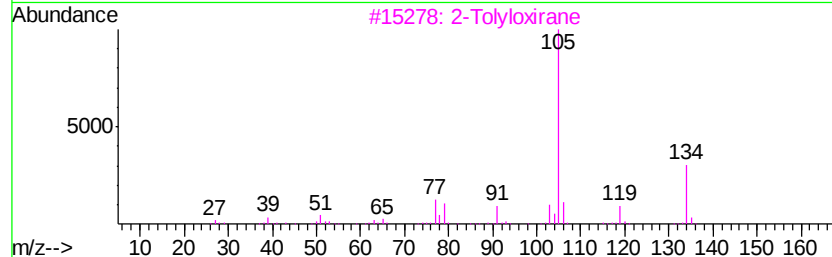
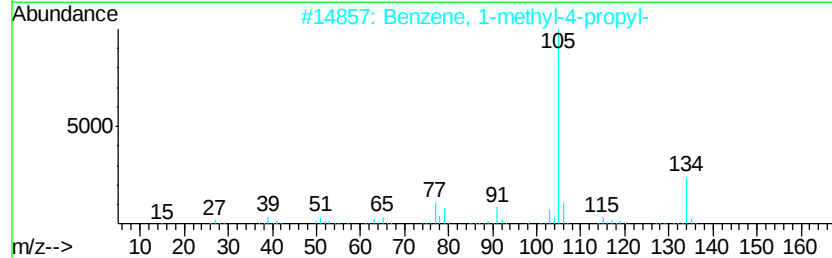
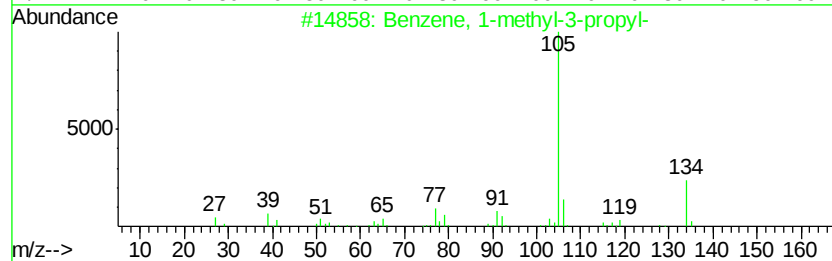
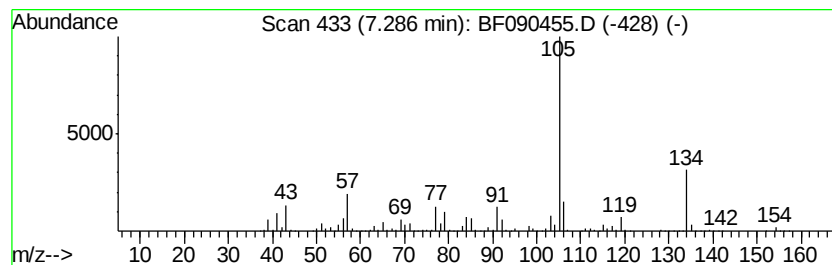
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	48.52 ng	24141500	1,4-Dichlorobenzene-d4	7.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
3			2-Tolyloxirane	134	C9H10O	002783-26-8	81
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	74
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090455.D
Acq On : 7 Oct 2016 20:35
Operator : UM/SJ
Sample : H5140-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-6

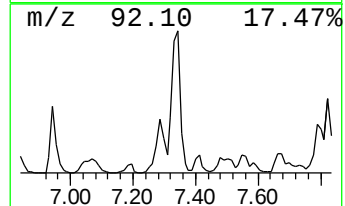
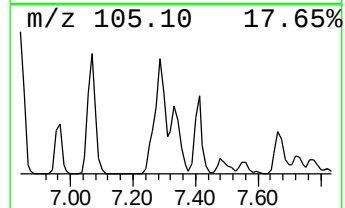
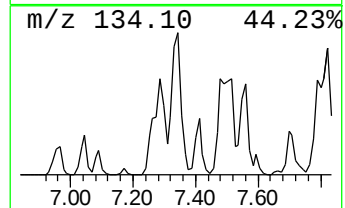
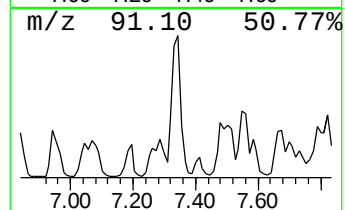
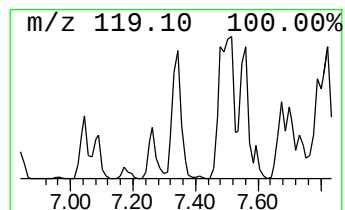
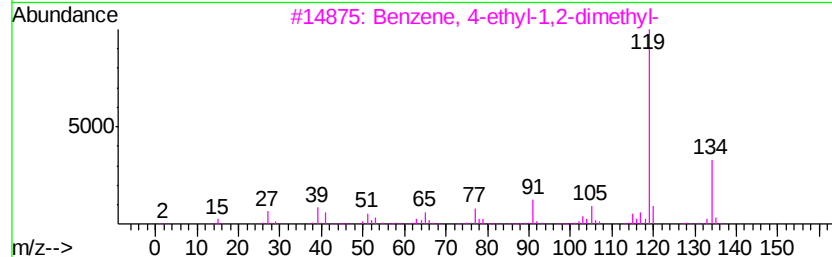
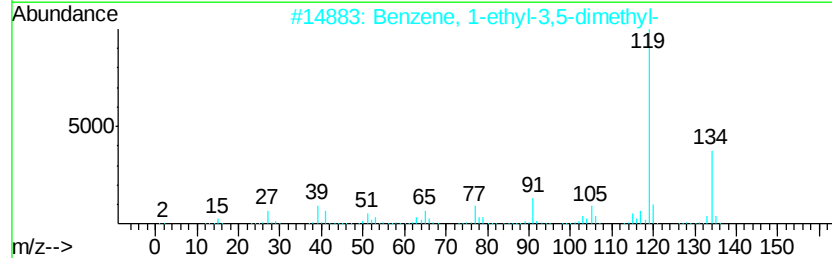
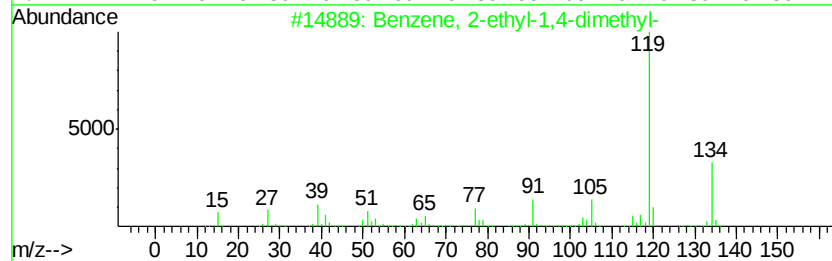
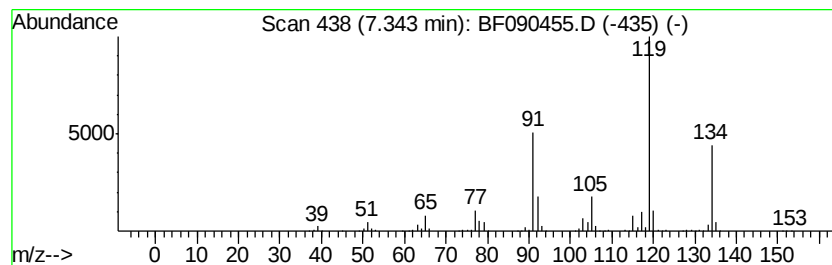
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	35.60 ng	17715600	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4		p-Cymene	134	C10H14	000099-87-6	93
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090455.D
Acq On : 7 Oct 2016 20:35
Operator : UM/SJ
Sample : H5140-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-6

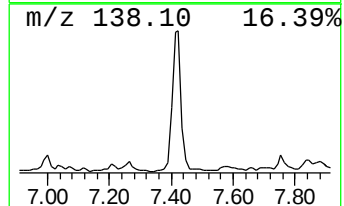
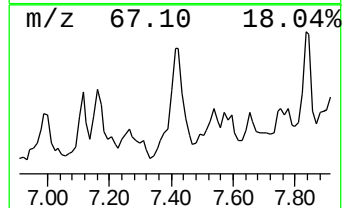
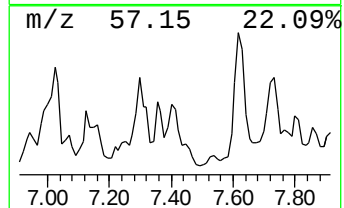
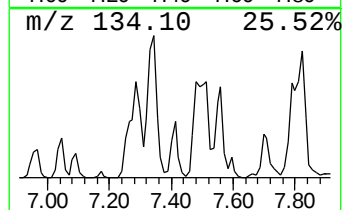
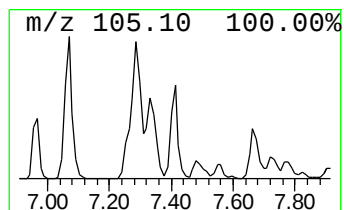
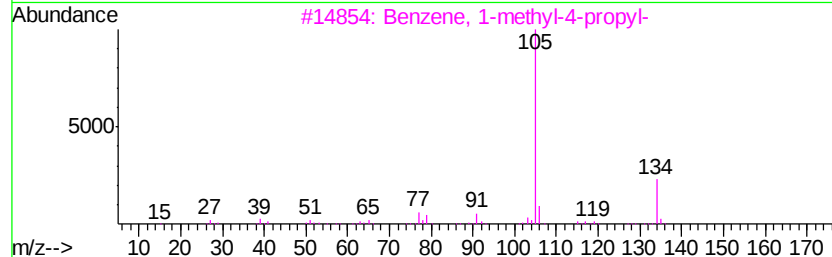
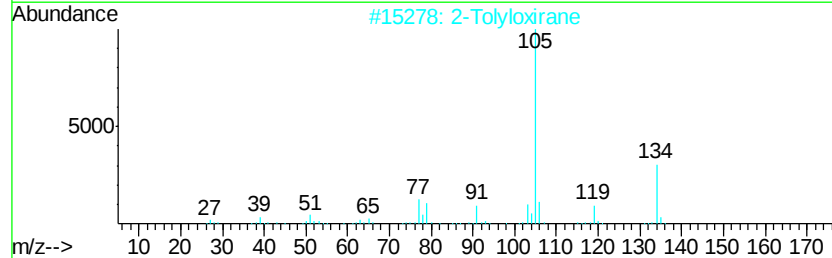
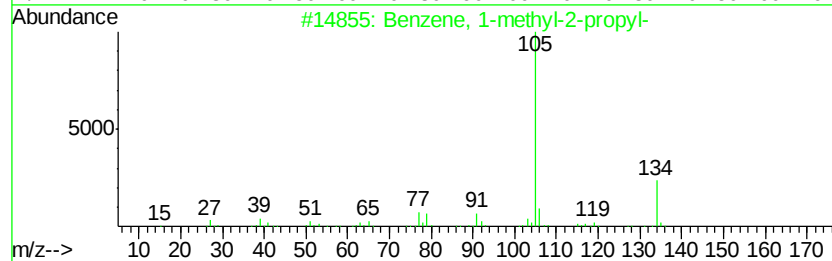
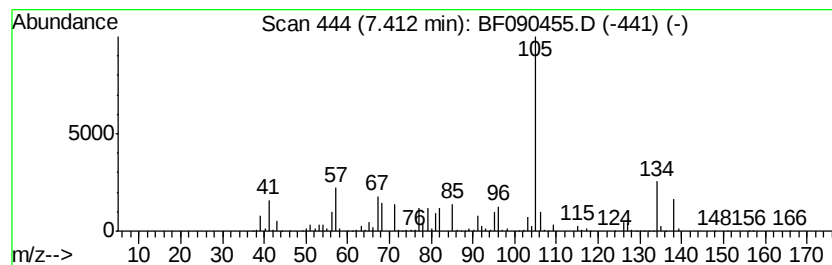
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-2-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	25.00 ng	12439200	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50
2		2-Tolyloxirane	134	C9H10O	002783-26-8	50
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	45
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
5		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
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Acq On : 7 Oct 2016 20:35
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Misc :
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Instrument :
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ClientSampleId :
T-6

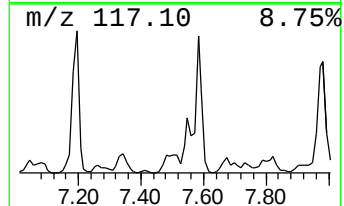
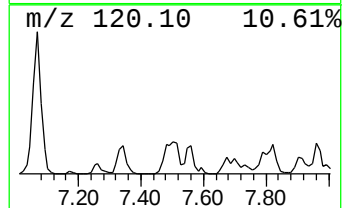
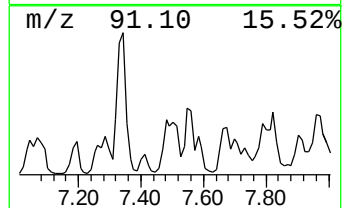
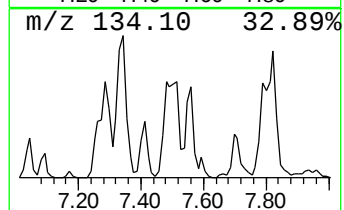
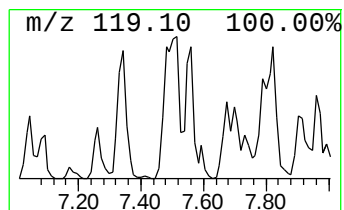
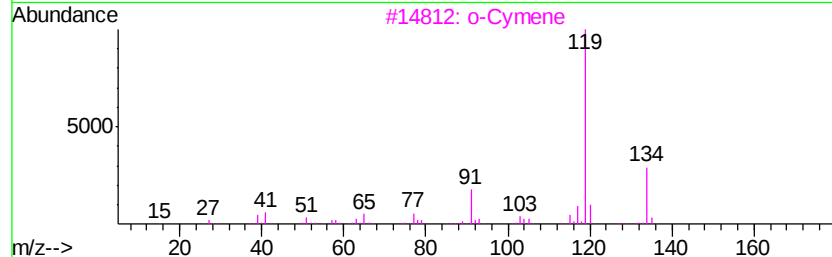
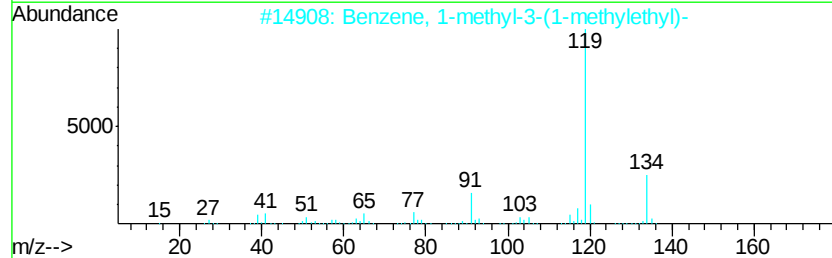
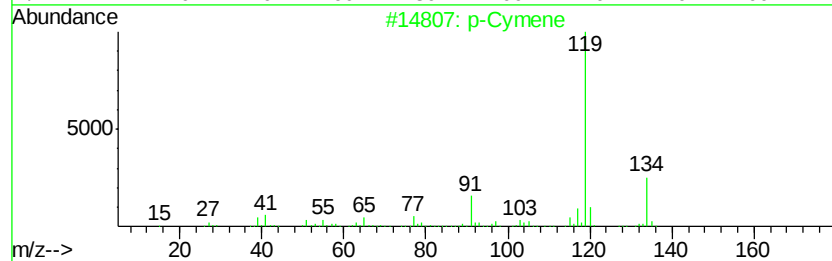
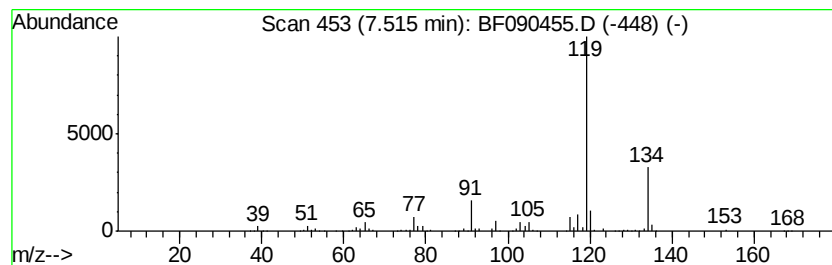
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	26.55 ng	13211600	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	95
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3		o-Cymene	134	C10H14	000527-84-4	94
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090455.D
Acq On : 7 Oct 2016 20:35
Operator : UM/SJ
Sample : H5140-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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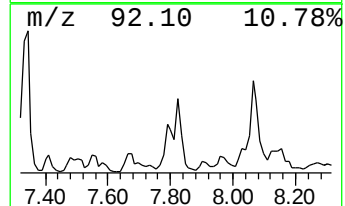
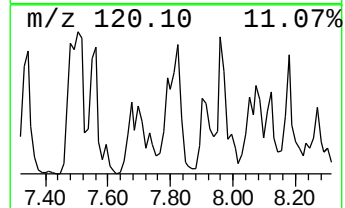
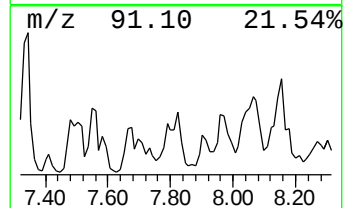
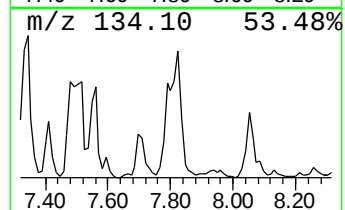
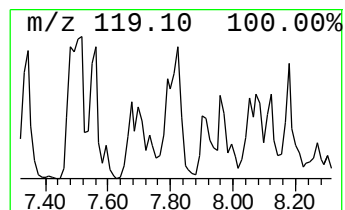
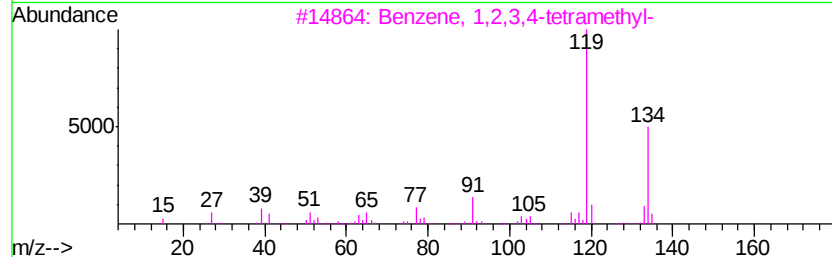
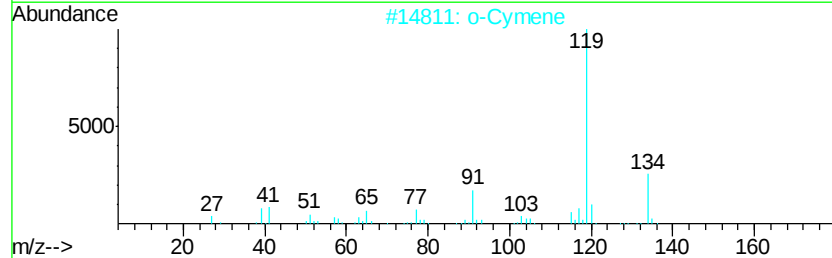
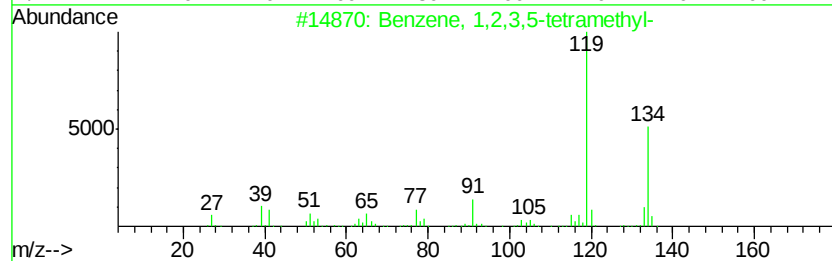
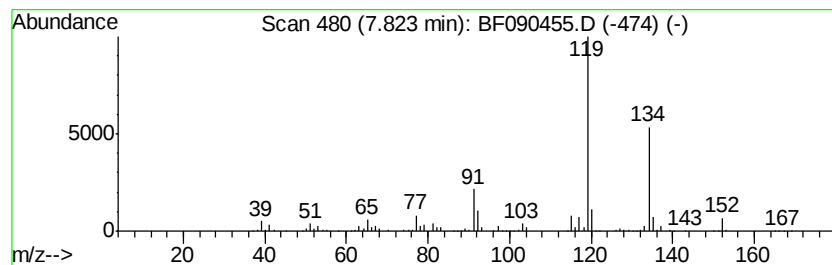
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	36.89 ng	22080400	Naphthalene-d8	8.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
2		o-Cymene	134	C10H14	000527-84-4	90
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



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Acq On : 7 Oct 2016 20:35
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Instrument :
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ClientSampleId :
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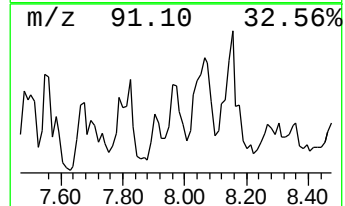
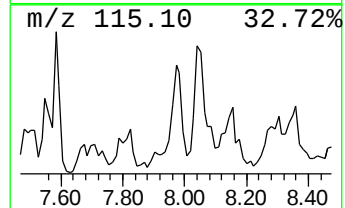
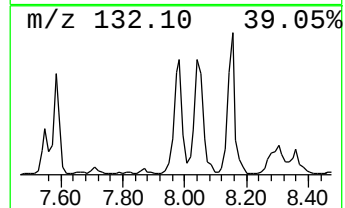
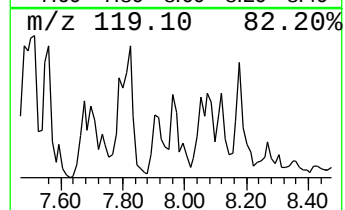
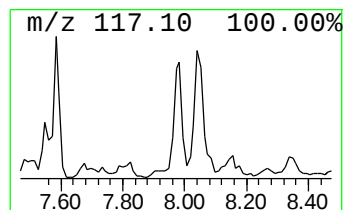
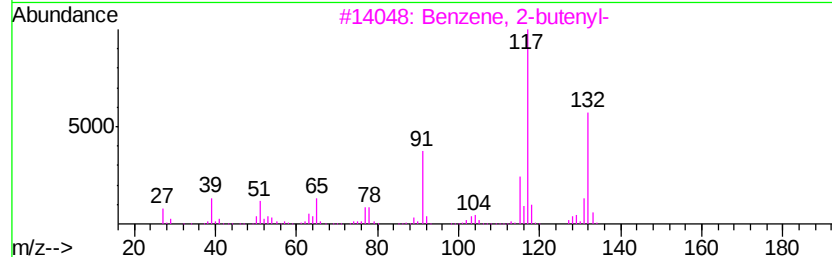
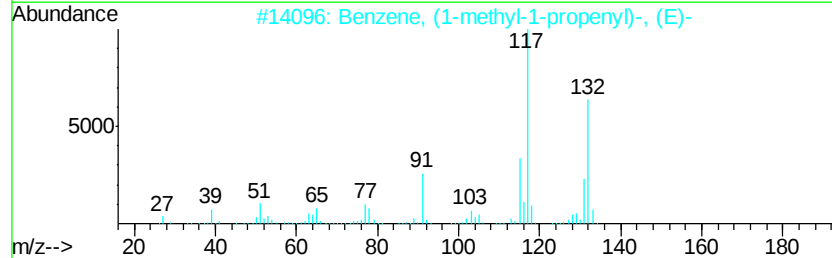
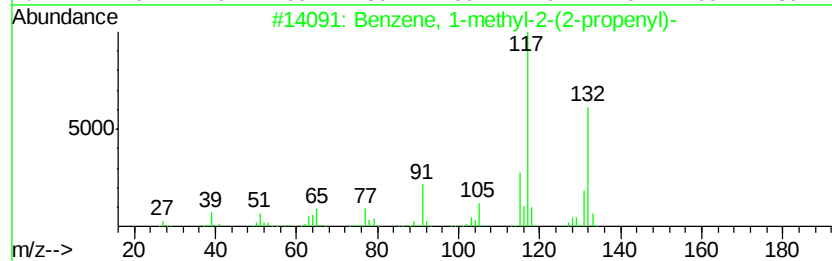
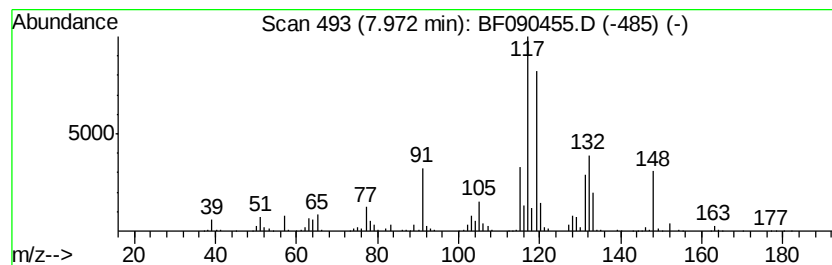
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1-methyl-2-(2-prop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	56.41 ng	33761500	Napthalene-d8	8.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
2		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	55
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
4		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000767-99-7	55
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55



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Sample : H5140-02
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Instrument :
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ClientSampleId :
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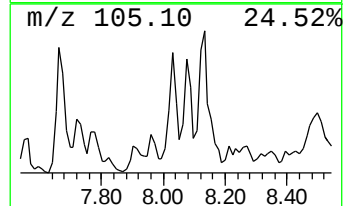
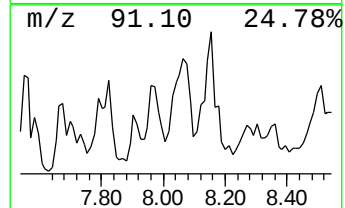
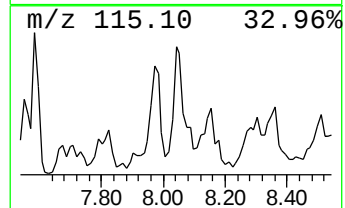
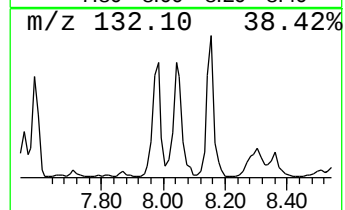
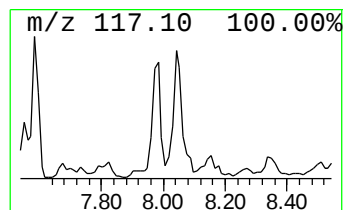
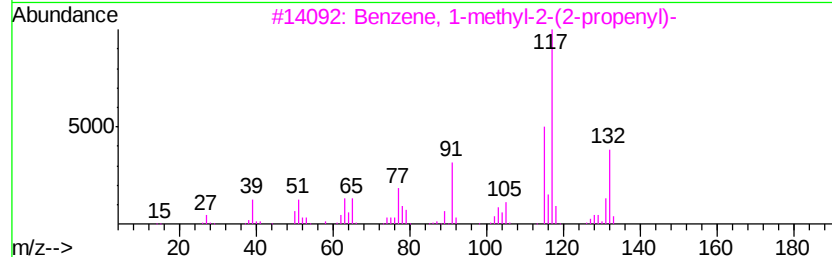
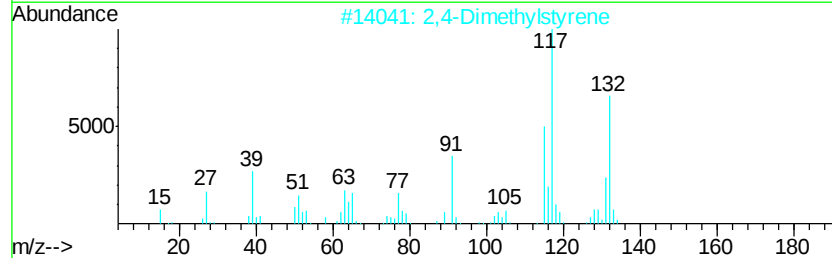
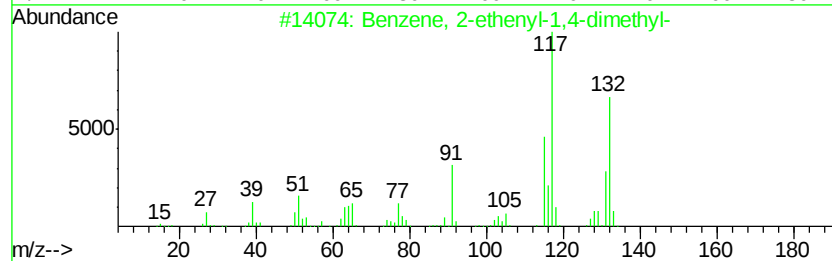
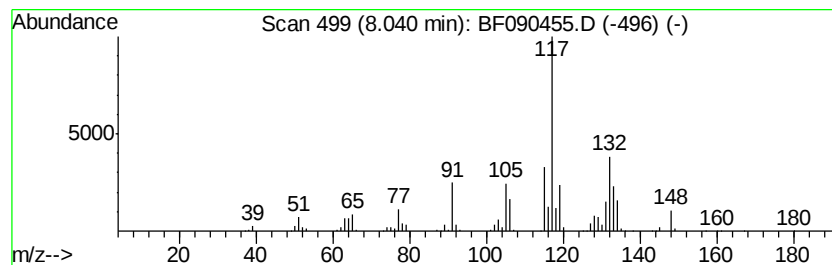
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	18.40 ng	11011200	Naphthalene-d8	8.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090455.D
Acq On : 7 Oct 2016 20:35
Operator : UM/SJ
Sample : H5140-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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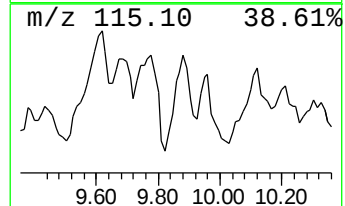
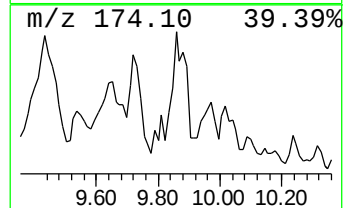
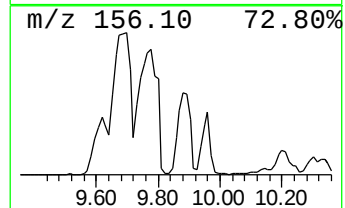
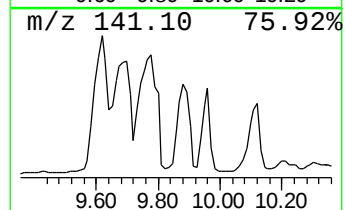
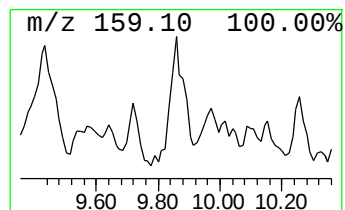
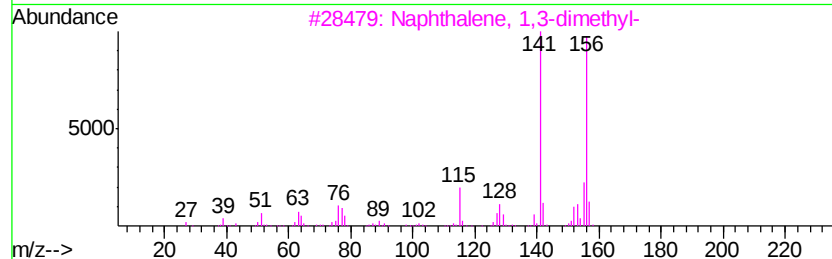
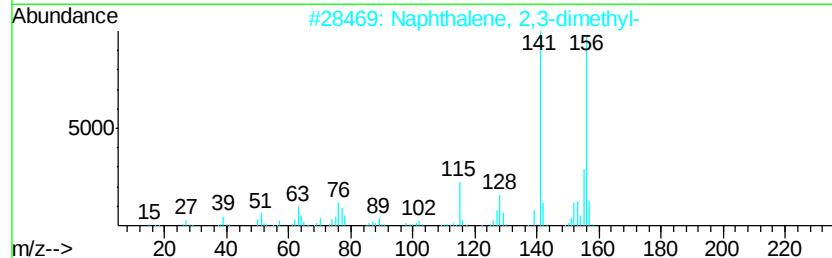
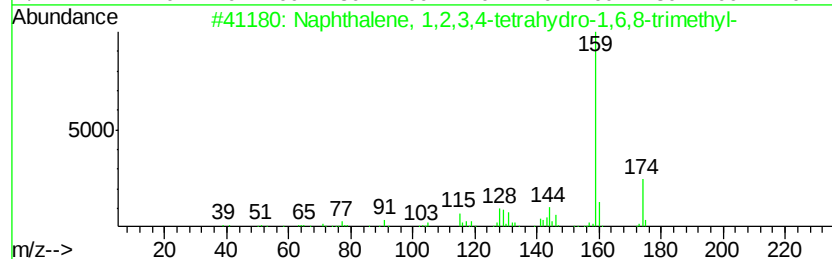
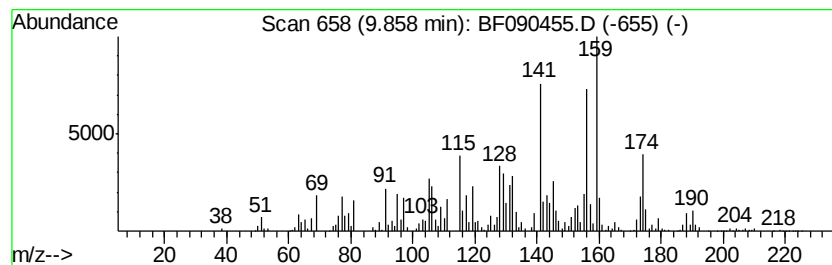
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	20.00 ng	7452650	Acenaphthene-d10	10.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	90
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	70
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	70
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	70
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	47



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Data File : BF090455.D
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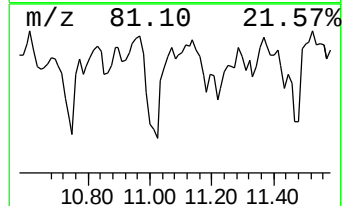
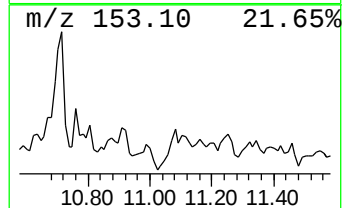
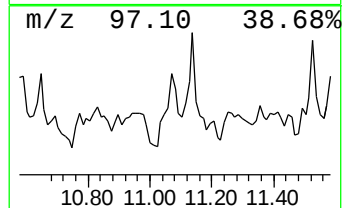
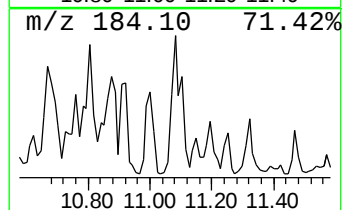
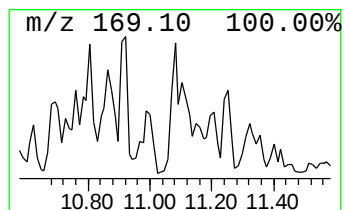
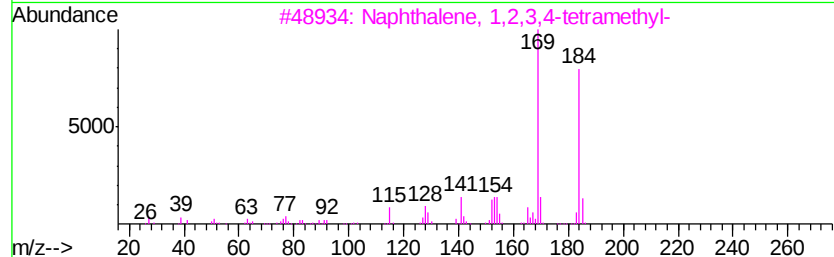
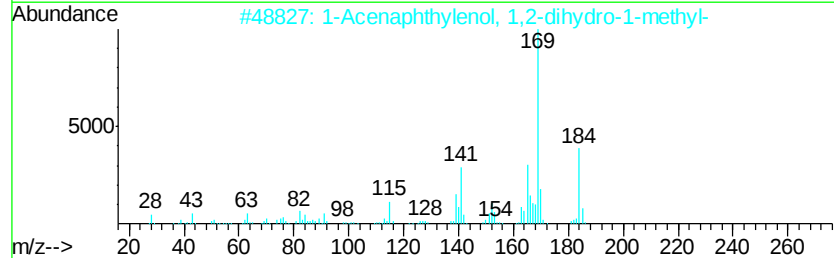
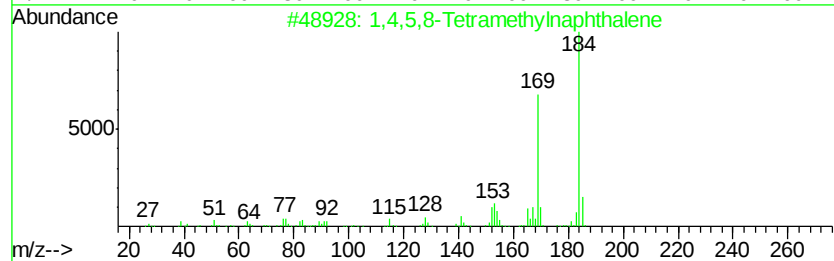
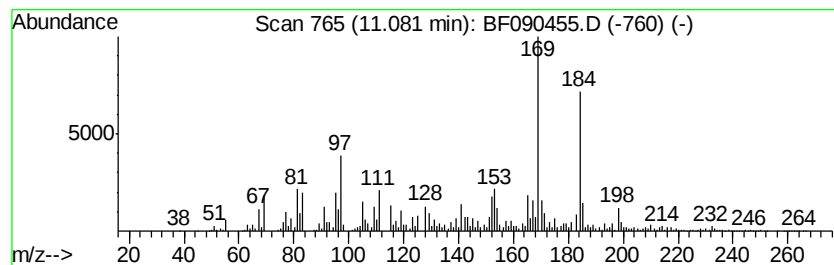
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1,4,5,8-Tetramethylnaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	20.00 ng	9682750	Phenanthrene-d10	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	78
2		1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	70
3		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	70
4		Chamazulene	184	C14H16	000529-05-5	60
5		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	60



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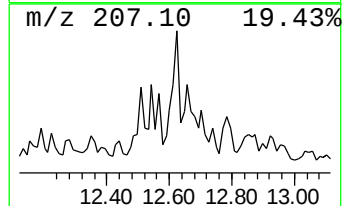
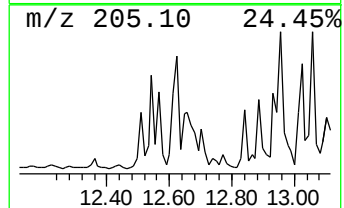
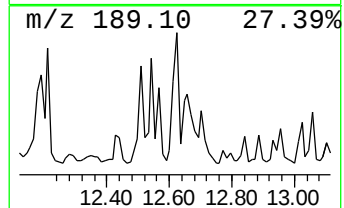
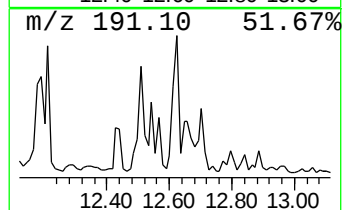
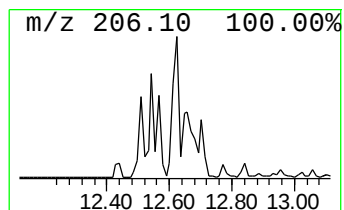
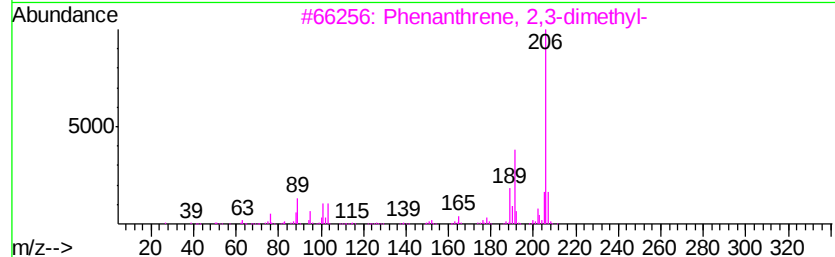
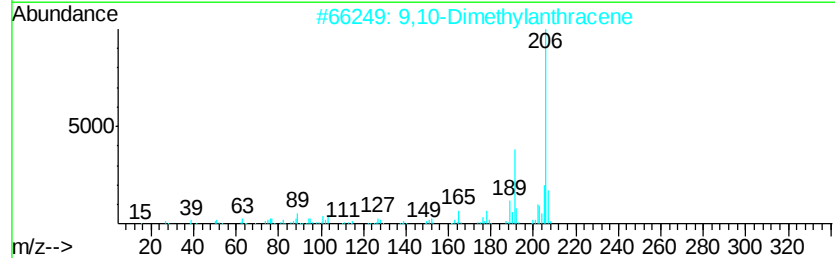
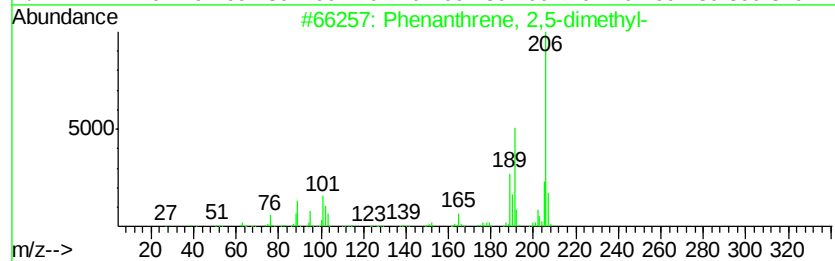
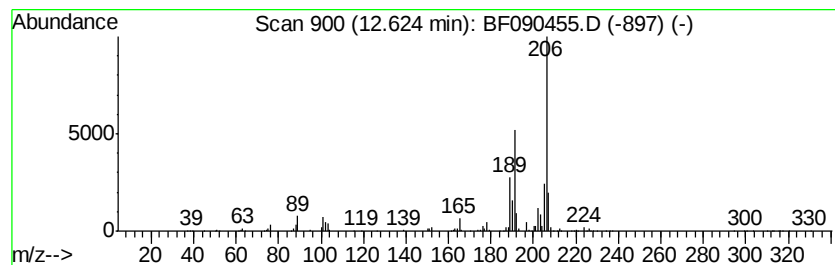
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	17.67 ng	8556750	Phenanthrene-d10	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



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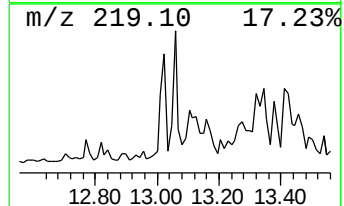
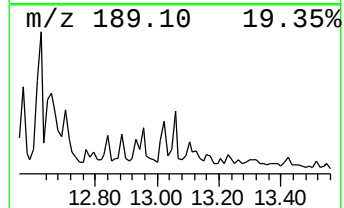
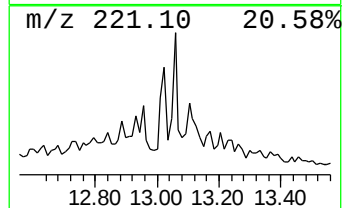
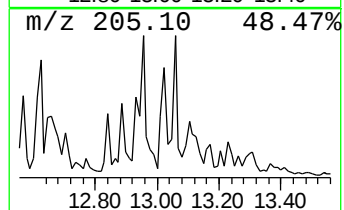
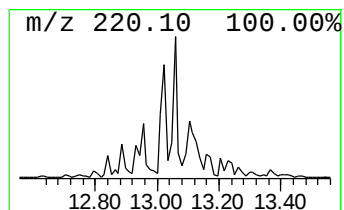
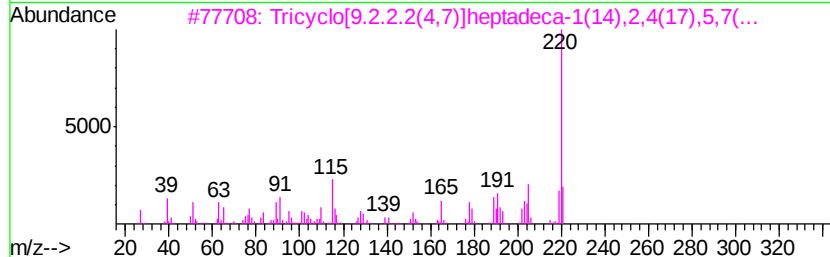
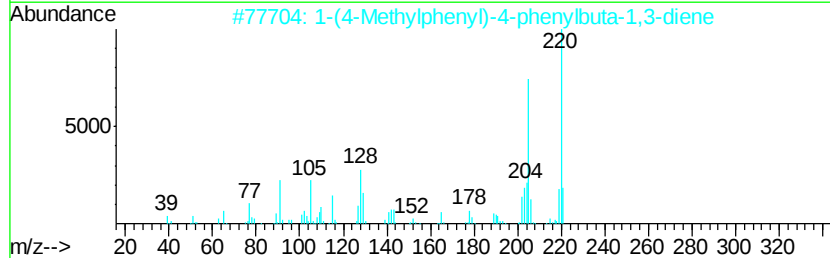
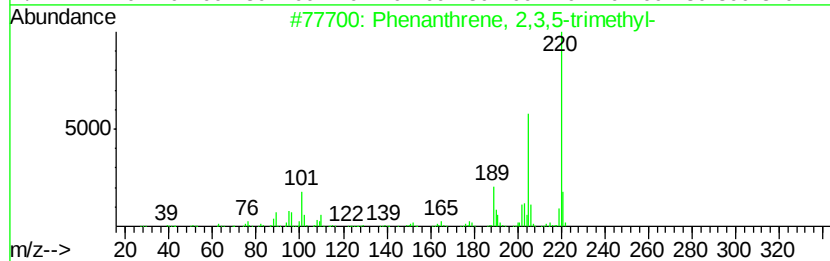
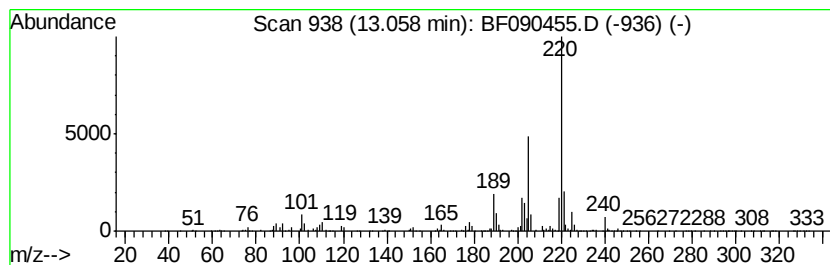
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	31.41 ng	2617720	Chrysene-d12	14.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	93
2		1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	83
3		Tricyclo[9.2.2.2(4,7)]heptadeca-...	220	C17H16	049576-90-1	59
4		Cyclopropanecarboxylic acid, 1-(...	360	C23H36O3	108546-71-0	53
5		Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090455.D
 Acq On : 7 Oct 2016 20:35
 Operator : UM/SJ
 Sample : H5140-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.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
Octane, 2,6-dimet...	6.25	23.9	ng	11902100	1	7.00	9951700	20.0
Benzene, propyl-	6.45	25.6	ng	12746100	1	7.00	9951700	20.0
Benzene, 1-ethyl-...	6.53	56.0	ng	27872000	1	7.00	9951700	20.0
Benzene, 1-ethyl-...	6.69	16.1	ng	8032720	1	7.00	9951700	20.0
unknown6.77	6.77	27.0	ng	13442600	1	7.00	9951700	20.0
Benzene, 1,2,3-tr...	6.84	50.1	ng	24921600	1	7.00	9951700	20.0
Cyclohexane, butyl-	7.16	21.0	ng	10469000	1	7.00	9951700	20.0
Benzene, 1-methyl...	7.29	48.5	ng	24141500	1	7.00	9951700	20.0
Benzene, 2-ethyl-...	7.34	35.6	ng	17715600	1	7.00	9951700	20.0
Benzene, 1-methyl...	7.41	25.0	ng	12439200	1	7.00	9951700	20.0
p-Cymene	7.51	26.6	ng	13211600	1	7.00	9951700	20.0
Benzene, 1,2,3,5-...	7.82	36.9	ng	22080400	2	8.31	11969600	20.0
Benzene, 1-methyl...	7.97	56.4	ng	33761500	2	8.31	11969600	20.0
Benzene, 2-etheny...	8.04	18.4	ng	11011200	2	8.31	11969600	20.0
Naphthalene, 1,2,...	9.86	20.0	ng	7452650	3	10.10	7452650	20.0
1,4,5,8-Tetrameth...	11.08	20.0	ng	9682750	4	11.63	9682750	20.0
Phenanthrene, 2,5...	12.62	17.7	ng	8556750	4	11.63	9682750	20.0
Phenanthrene, 2,3...	13.06	31.4	ng	2617720	5	14.18	1666640	20.0