

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082408.D
 Acq On : 21 Oct 2015 17:06
 Operator : UM/IZ
 Sample : G4099-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151019MGP210BRV88

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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	4.400	196	198	202	rBV	89083	132741	3.56%	0.462%
2	4.926	242	244	248	rBV	353732	453329	12.15%	1.577%
3	5.200	265	268	271	rBV	234107	282130	7.56%	0.981%
4	5.326	275	279	280	rVV	25581	48537	1.30%	0.169%
5	5.360	280	282	294	rVV	1109604	1165432	31.24%	4.054%
6	5.577	298	301	307	rVB	56436	71252	1.91%	0.248%
7	5.920	328	331	333	rBV	63524	92062	2.47%	0.320%
8	6.412	372	374	376	rBV	500217	695584	18.65%	2.420%
9	6.537	382	385	387	rBV	2330634	2200808	59.00%	7.656%
10	6.583	387	389	393	rVB2	45428	85394	2.29%	0.297%
11	6.766	403	405	408	rBV	642675	606729	16.27%	2.111%
12	6.880	413	415	417	rBV	169827	217907	5.84%	0.758%
13	6.926	417	419	421	rBV	2289192	2240806	60.07%	7.795%
14	7.029	426	428	432	rVV	229127	219059	5.87%	0.762%
15	7.337	451	455	458	rBV	1235452	1857931	49.81%	6.463%
16	7.417	461	462	465	rVV	63935	69515	1.86%	0.242%
17	7.474	465	467	469	rVB2	28252	38898	1.04%	0.135%
18	7.806	492	496	498	rBV3	181992	371770	9.97%	1.293%
19	7.852	498	500	502	rVV	51549	91715	2.46%	0.319%
20	7.909	502	505	509	rVB	78165	122860	3.29%	0.427%
21	8.057	516	518	523	rVB2	986619	1501099	40.24%	5.222%
22	8.126	523	524	527	rVB	127598	185589	4.98%	0.646%
23	8.206	527	531	533	rBV	27265	37393	1.00%	0.130%
24	8.537	558	560	564	rBV	86751	98469	2.64%	0.343%
25	8.606	564	566	568	rVB	56374	66681	1.79%	0.232%
26	8.777	578	581	584	rVB5	29848	50883	1.36%	0.177%
27	8.869	584	589	591	rBV2	124669	176695	4.74%	0.615%
28	8.903	591	592	594	rVB	105386	79978	2.14%	0.278%
29	9.040	602	604	608	rVB3	56082	97660	2.62%	0.340%
30	9.143	610	613	615	rVV	3624751	3730258	100.00%	12.977%
31	9.235	617	621	625	rVV4	148255	254120	6.81%	0.884%
32	9.303	625	627	629	rVV	63299	70570	1.89%	0.245%
33	9.406	633	636	640	rBV3	19612	42260	1.13%	0.147%
34	9.680	657	660	662	rBV2	84373	103428	2.77%	0.360%

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35	9.818	669	672	674 rBV	1057701	1098110	29.44%	3.820%
36	9.966	683	685	688 rBV	57247	67383	1.81%	0.234%
37	10.023	688	690	692 rBV	102931	127263	3.41%	0.443%
38	10.058	692	693	695 rVB	159096	119740	3.21%	0.417%
39	10.115	695	698	701 rVB	40510	67694	1.81%	0.235%
40	10.183	701	704	706 rBV2	41720	79210	2.12%	0.276%
41	10.252	706	710	712 rBV3	40802	67258	1.80%	0.234%
42	10.355	716	719	720 rBV	194984	243203	6.52%	0.846%
43	10.458	725	728	729 rVB	35467	44126	1.18%	0.154%
44	10.503	729	732	733 rBV	59280	97704	2.62%	0.340%
45	10.526	733	734	738 rVB2	43768	65763	1.76%	0.229%
46	10.606	738	741	744 rBV	1756861	2016382	54.05%	7.015%
47	10.709	748	750	751 rBV	40939	55745	1.49%	0.194%
48	10.846	758	762	764 rVB4	53997	108015	2.90%	0.376%
49	10.892	764	766	768 rVV2	102978	125846	3.37%	0.438%
50	10.938	768	770	772 rVB2	33832	54324	1.46%	0.189%
51	10.983	772	774	780 rVB7	36585	94328	2.53%	0.328%
52	11.086	780	783	787 rBV2	50900	102245	2.74%	0.356%
53	11.235	793	796	798 rVB2	104760	116014	3.11%	0.404%
54	11.303	799	802	804 rBV	1113751	1064259	28.53%	3.702%
55	11.829	846	848	850 rBV	100185	155970	4.18%	0.543%
56	11.978	859	861	865 rVB4	19940	42286	1.13%	0.147%
57	12.629	916	918	923 rVB3	65646	99250	2.66%	0.345%
58	12.904	939	942	945 rBV	3081903	3320182	89.01%	11.550%
59	13.384	982	984	988 rVB3	21075	44377	1.19%	0.154%
60	14.012	1037	1039	1042 rBV	808623	961520	25.78%	3.345%
61	15.567	1173	1175	1185 rBV	452040	747694	20.04%	2.601%

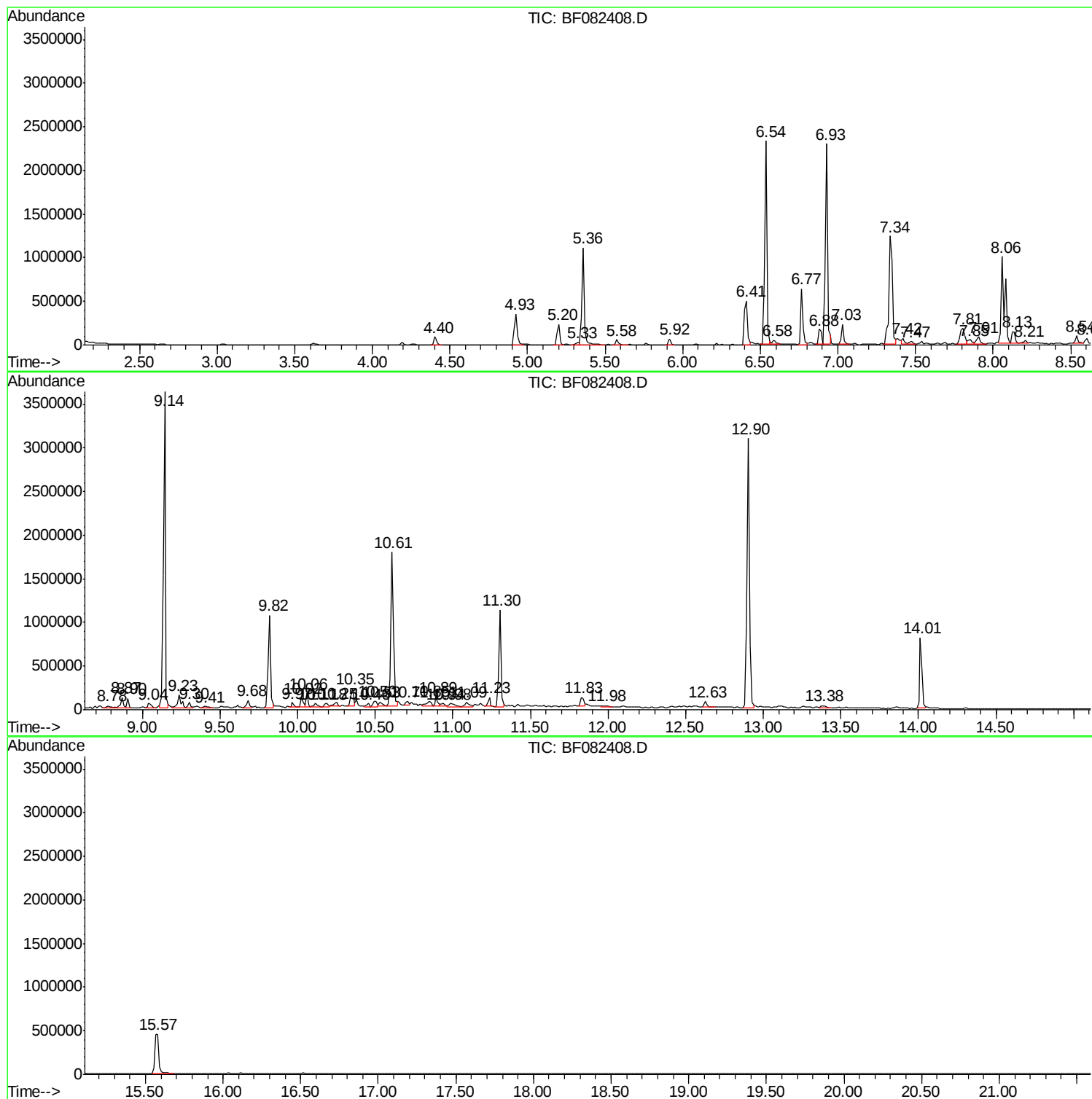
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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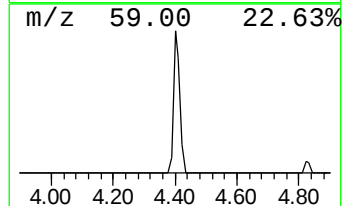
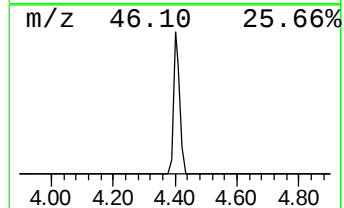
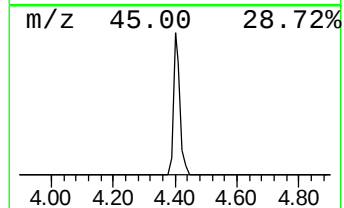
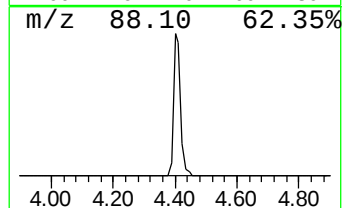
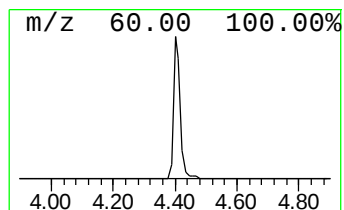
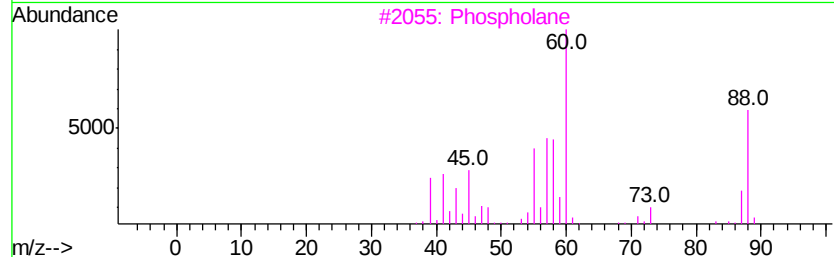
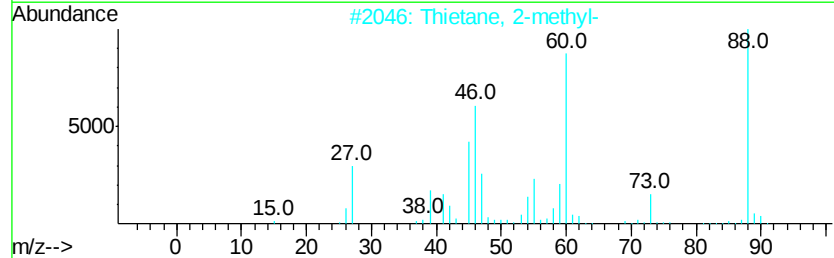
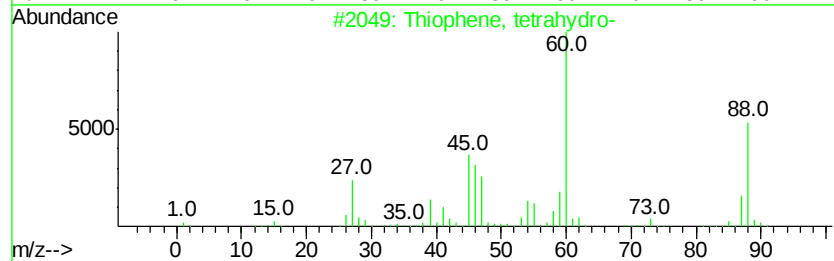
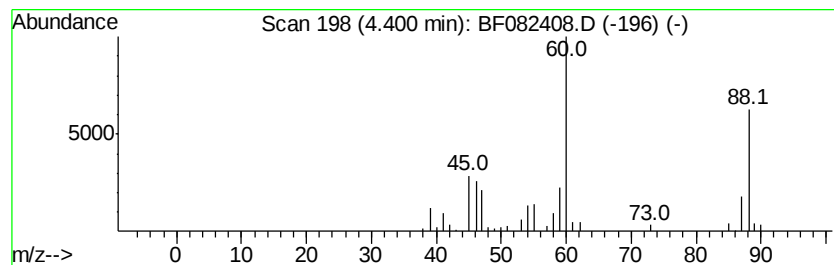
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Thiophene, tetrahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	4.38 ng	132741	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, tetrahydro-	88	C4H8S	000110-01-0	95
2			Thietane, 2-methyl-	88	C4H8S	017837-41-1	74
3			Phospholane	88	C4H9P	003466-00-0	64
4			Ethylvinyl sulfide	88	C4H8S	000627-50-9	40
5			Ethanol, 2-mercapto-	78	C2H6OS	000060-24-2	23



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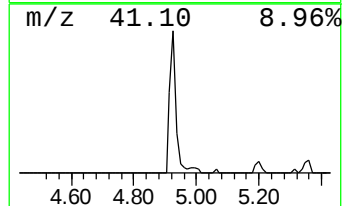
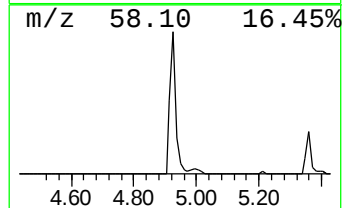
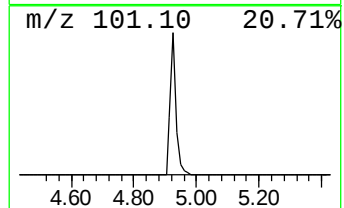
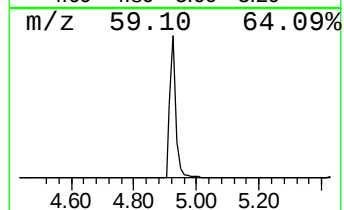
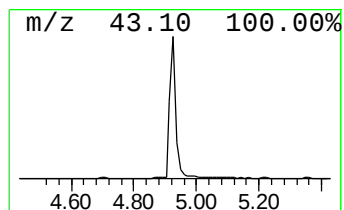
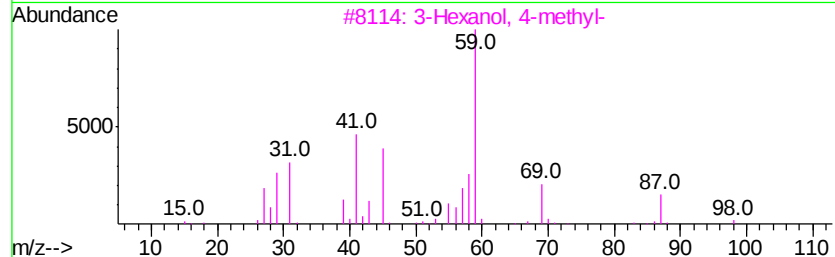
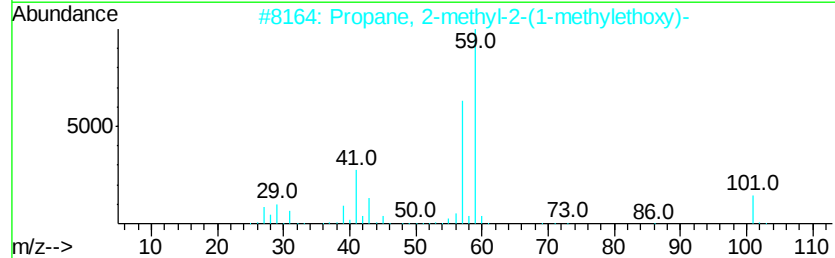
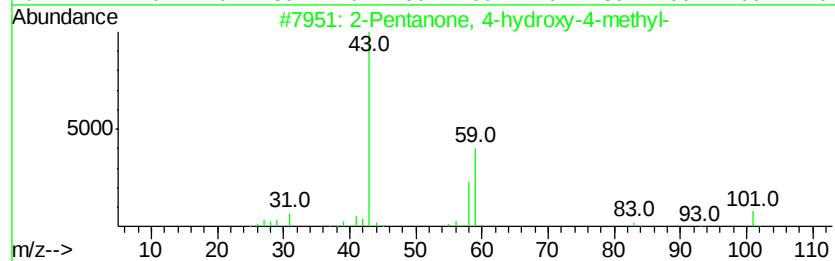
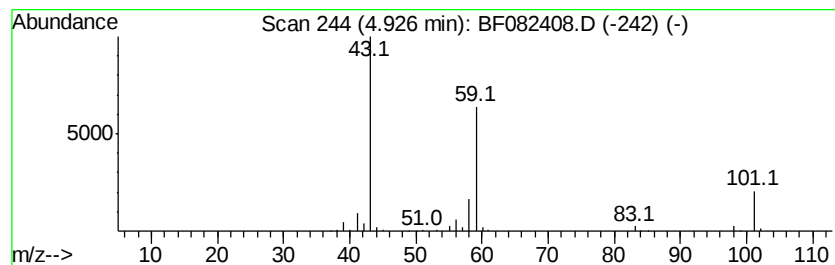
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	14.94 ng	453329	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	23
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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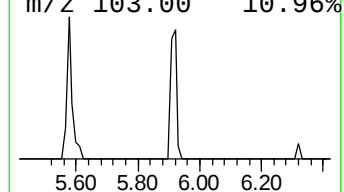
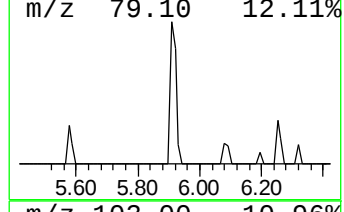
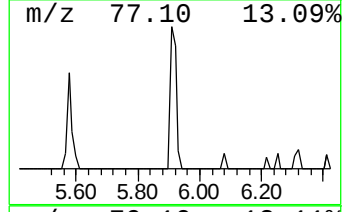
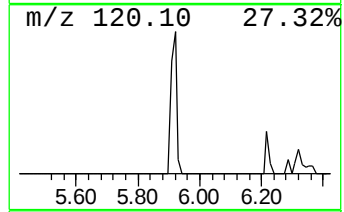
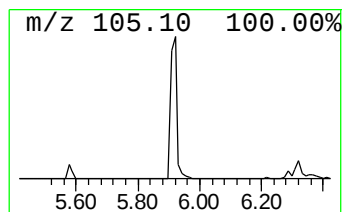
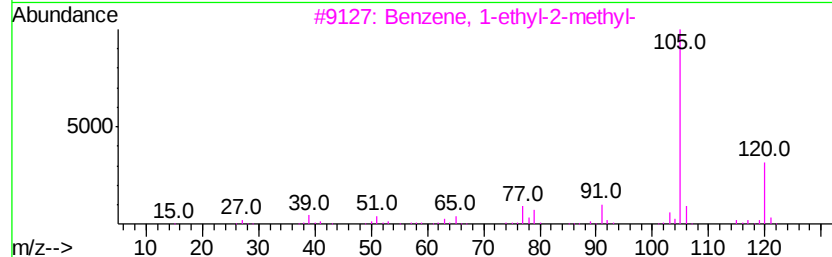
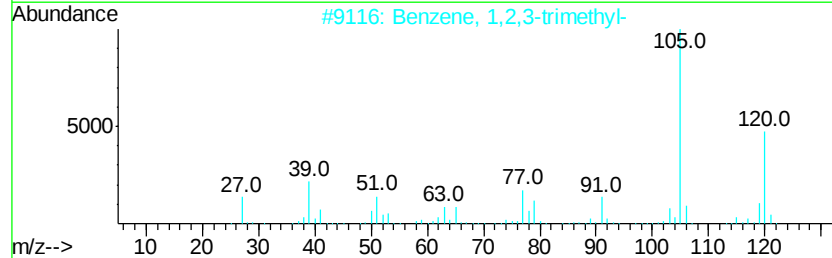
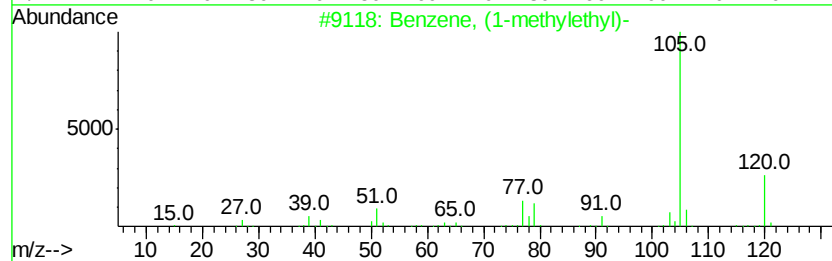
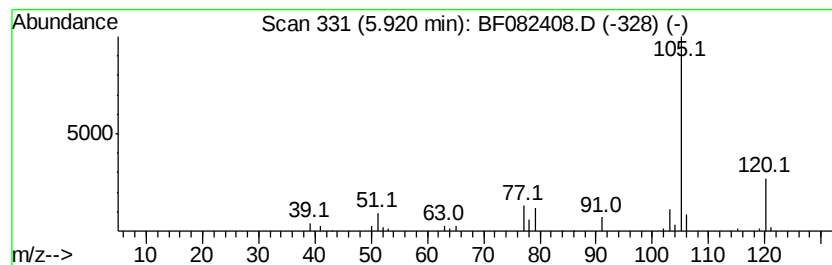
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	3.03 ng	92062	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	72
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	72



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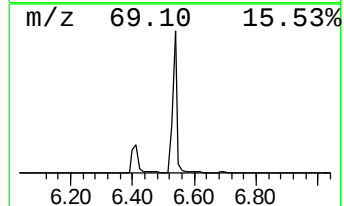
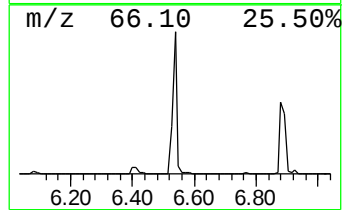
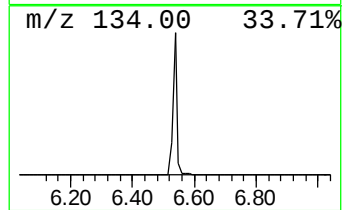
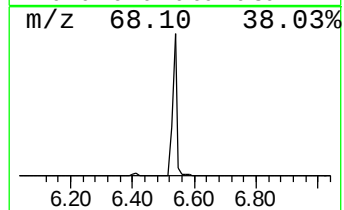
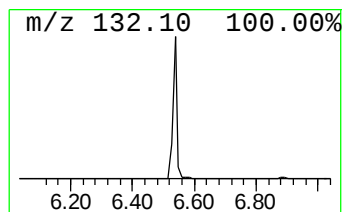
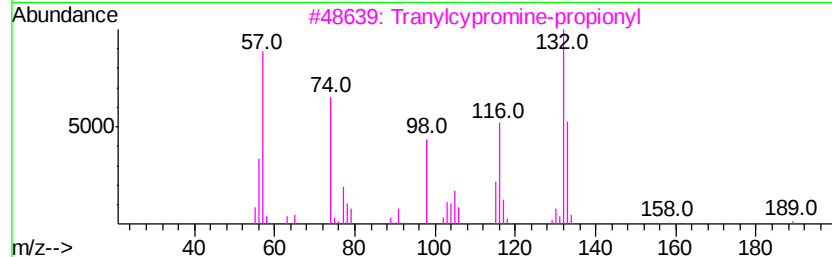
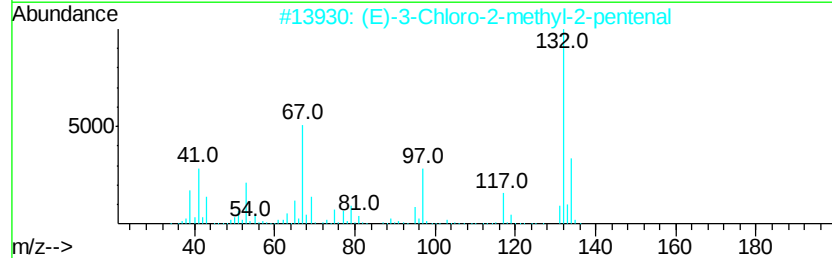
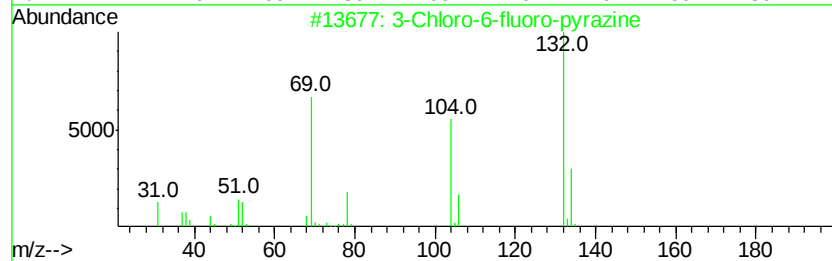
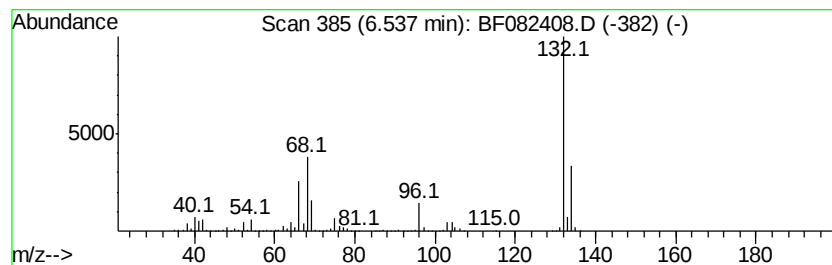
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	72.55 ng	2200810	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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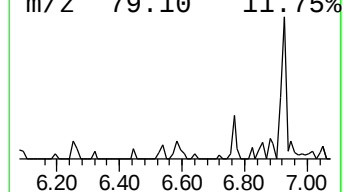
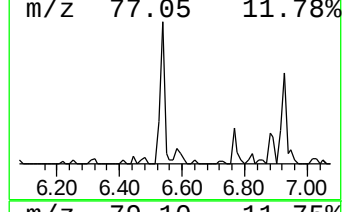
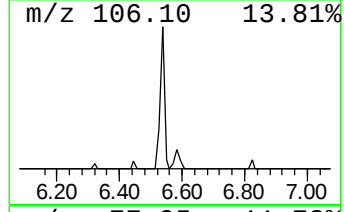
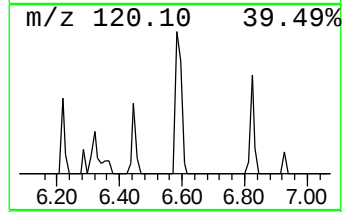
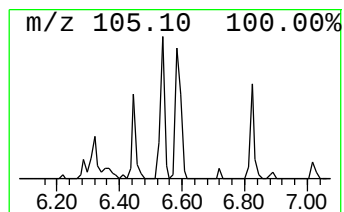
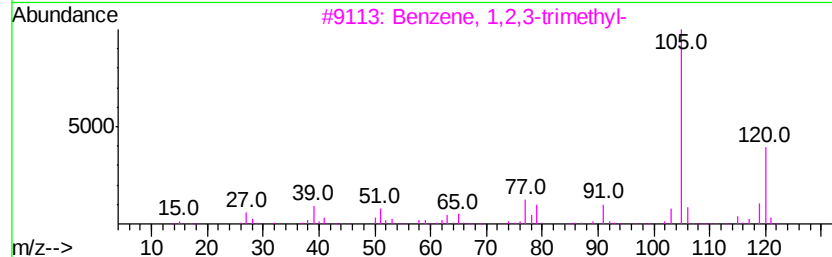
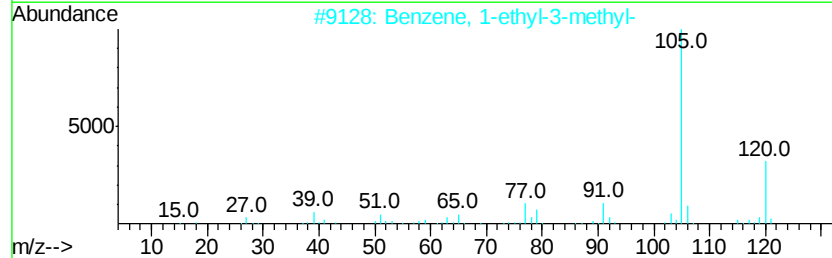
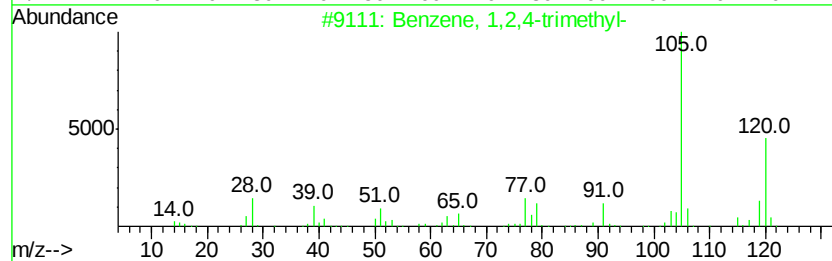
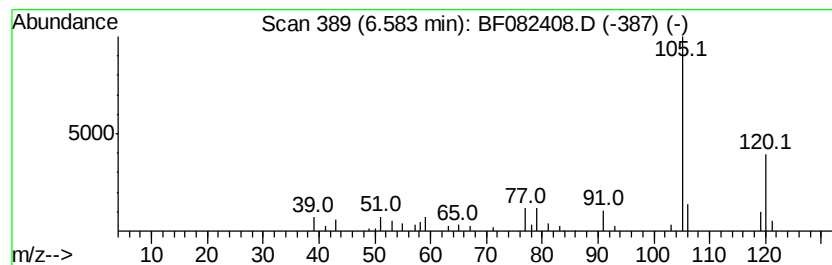
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	2.81 ng	85394	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082408.D
Acq On : 21 Oct 2015 17:06
Operator : UM/IZ
Sample : G4099-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

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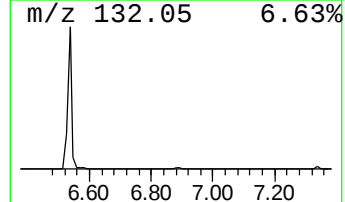
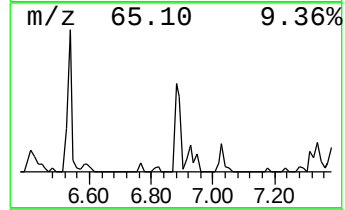
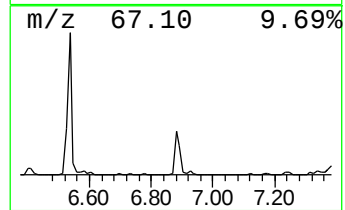
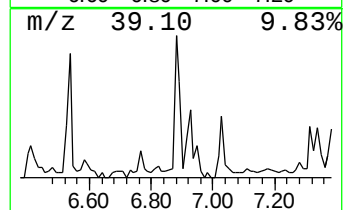
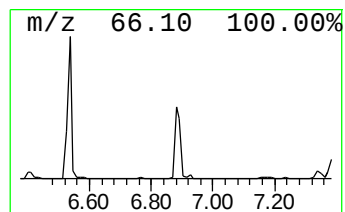
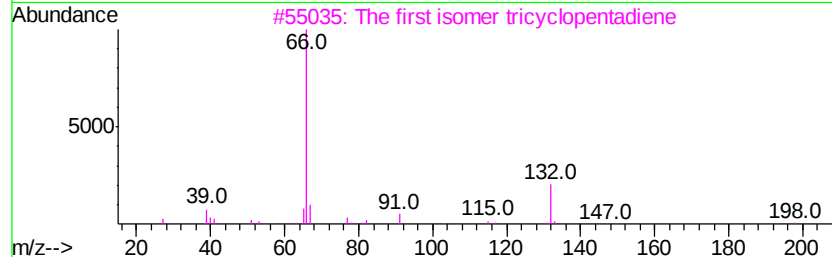
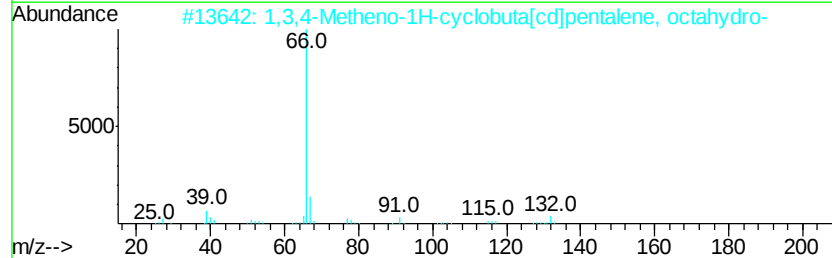
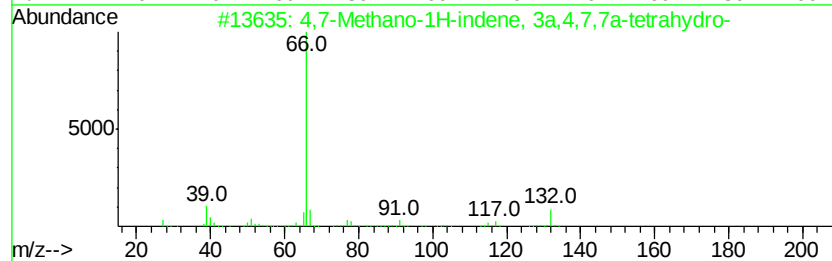
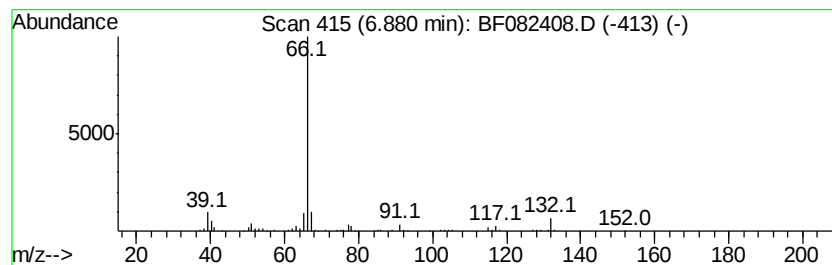
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4,7-Methano-1H-indene, 3a,4... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	7.18 ng	217907	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	91
2		1,3,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-88-6	86
3		The first isomer tricvclopentadiene	198	C15H18	1000222-21-0	83
4		5-Norbornene-2,3-diacetonitrile	172	C11H12N2	101832-55-7	83
5		Bicyclo[2.2.1]hept-5-en-2-ol	110	C7H10O	013080-90-5	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102115\
Data File : BF082408.D
Acq On : 21 Oct 2015 17:06
Operator : UM/IZ
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Misc :
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ClientSampleId :
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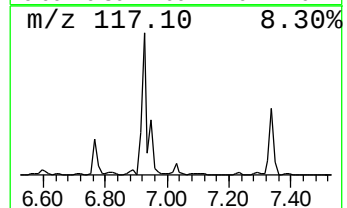
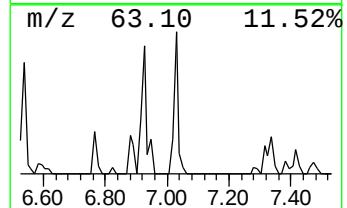
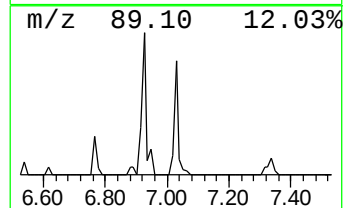
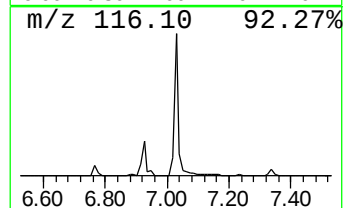
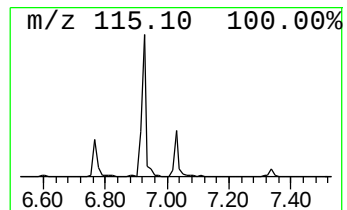
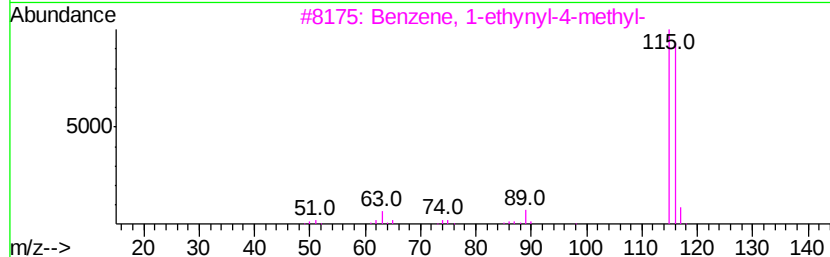
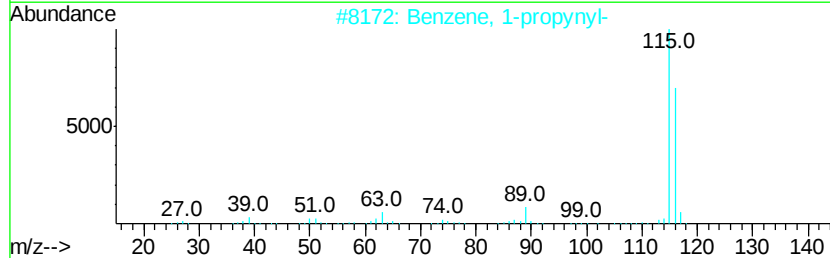
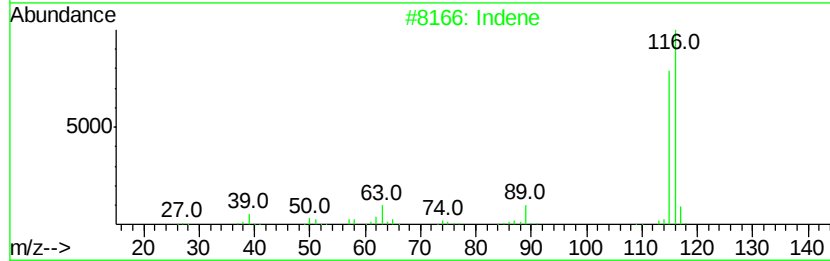
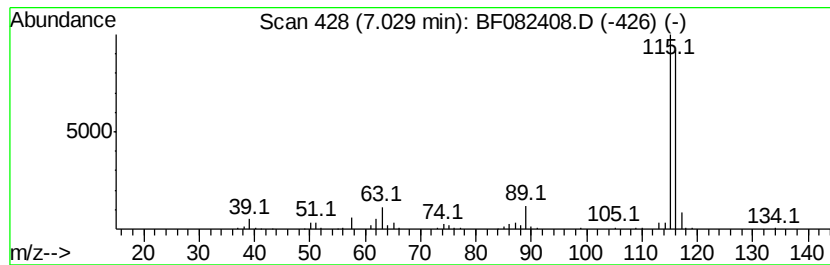
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	7.22 ng	219059	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5		Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102115\
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Acq On : 21 Oct 2015 17:06
Operator : UM/IZ
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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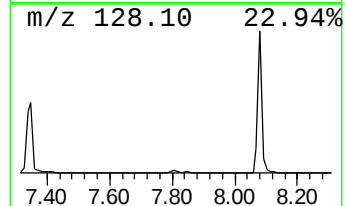
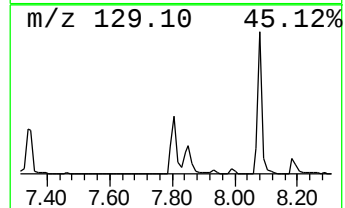
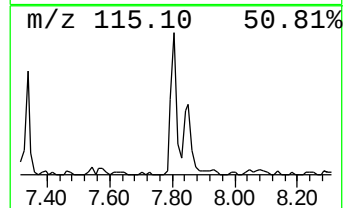
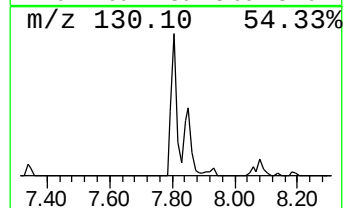
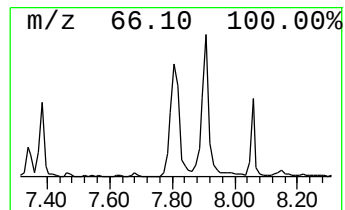
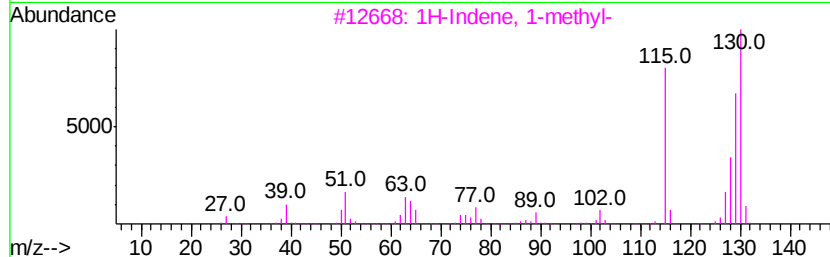
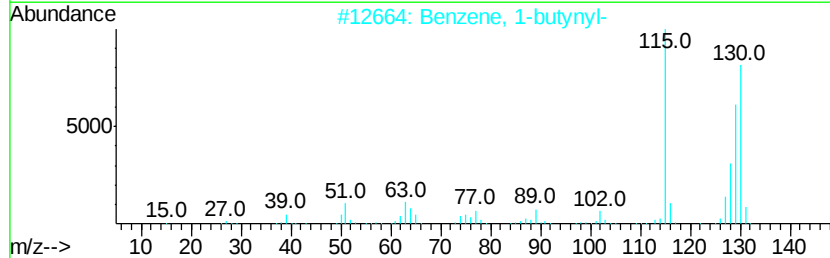
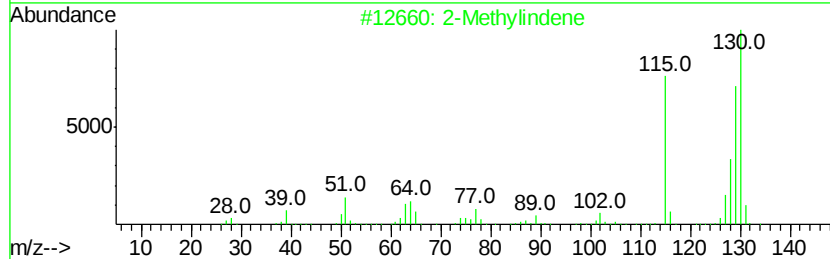
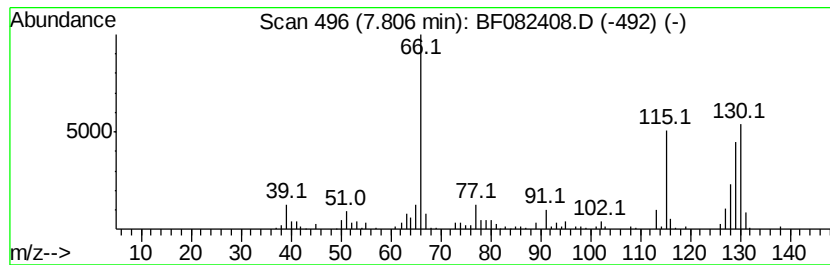
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	4.95 ng	371770	Naphthalene-d8	8.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	90
2			Benzene, 1-butynyl-	130	C10H10	000622-76-4	64
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	59
4			Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	52
5			Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	002890-96-2	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082408.D
Acq On : 21 Oct 2015 17:06
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Misc :
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Instrument :
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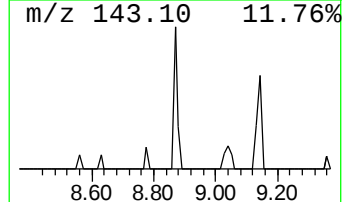
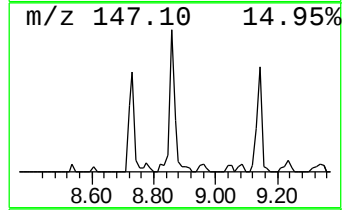
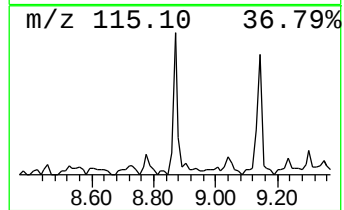
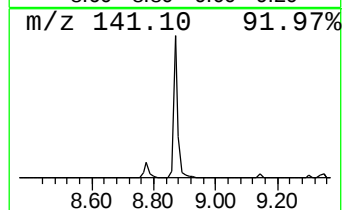
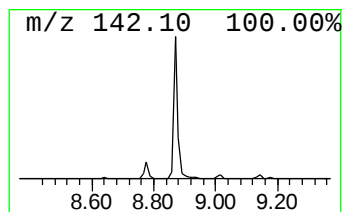
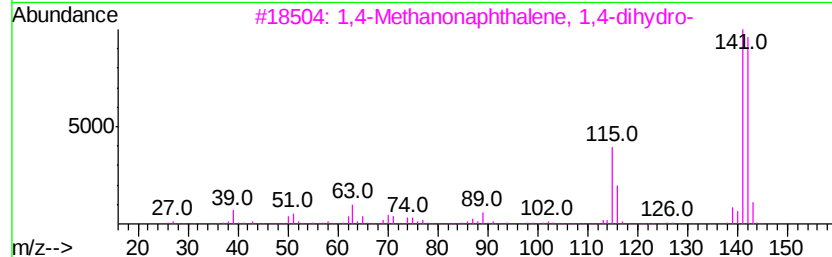
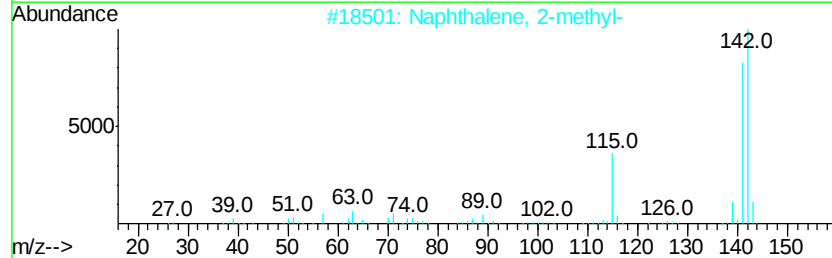
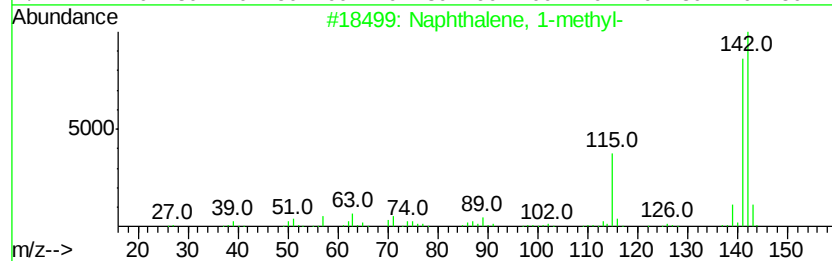
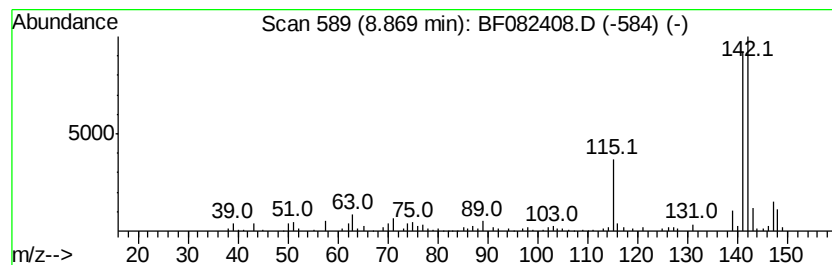
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	2.35 ng	176695	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	74
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102115\
Data File : BF082408.D
Acq On : 21 Oct 2015 17:06
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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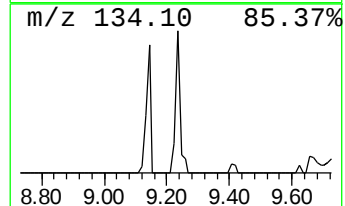
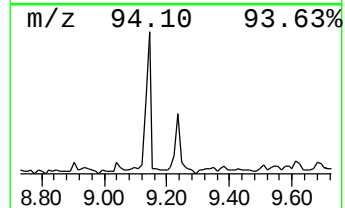
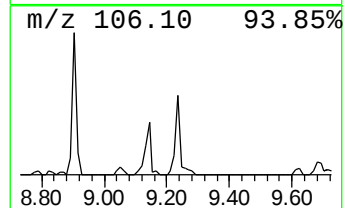
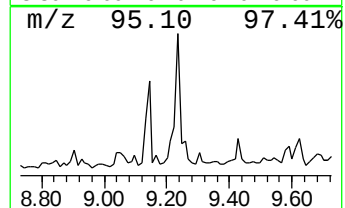
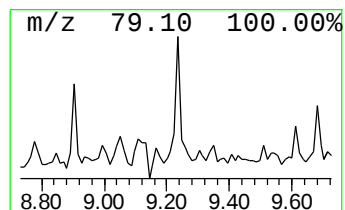
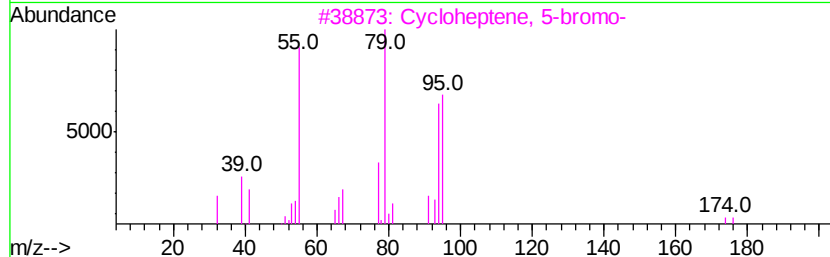
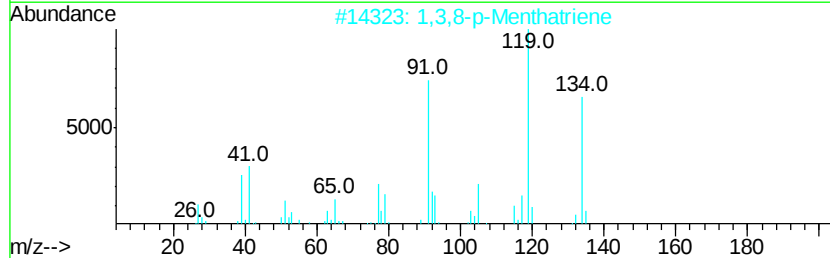
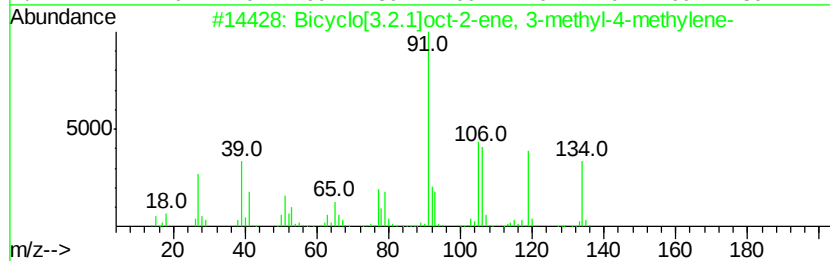
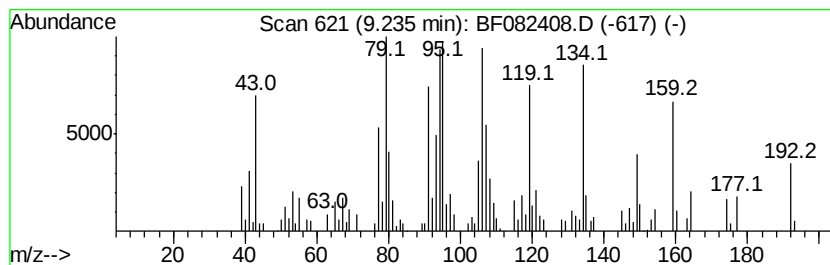
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.23 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	4.63 ng	254120	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	27
2		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	25
3		Cycloheptene, 5-bromo-	174	C7H11Br	054484-64-9	18
4		3-Amino-3-(2,5-dimethyl-phenyl)-...	193	C11H15NO2	1000297-26-7	15
5		1,5,5-Trimethyl-6-(3-methyl-buta...	190	C14H22	056763-66-7	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
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Acq On : 21 Oct 2015 17:06
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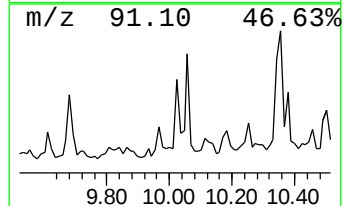
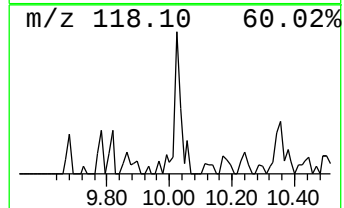
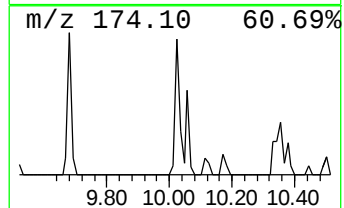
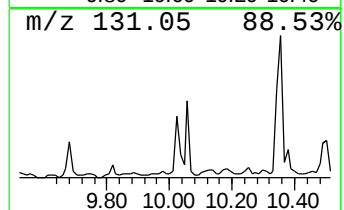
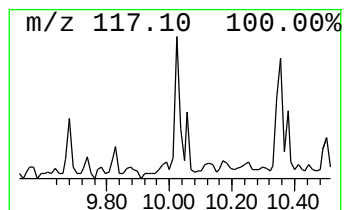
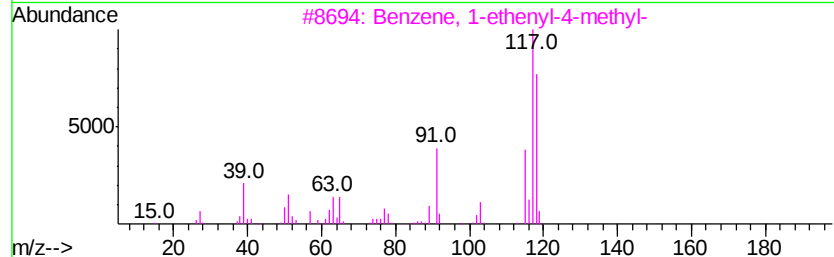
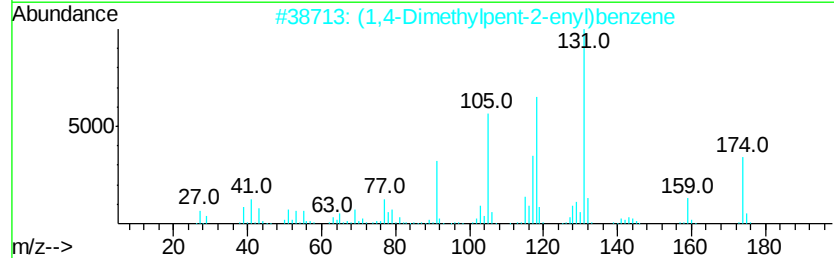
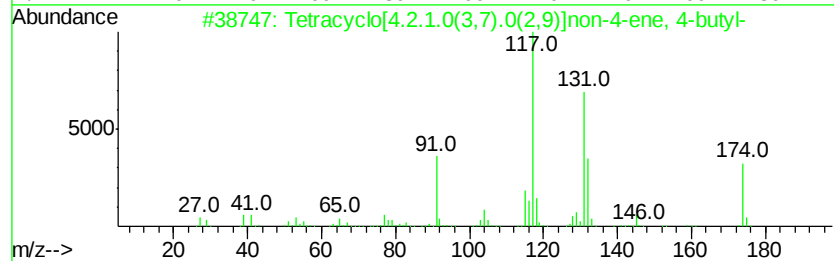
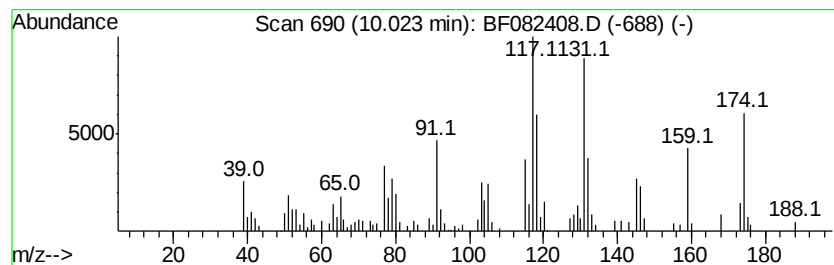
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tetracyclo[4.2.1.0(3,7).0(2... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	2.32 ng	127263	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracyclo[4.2.1.0(3,7).0(2,9)]n...	174	C13H18	1000164-31-2	60
2		(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	50
3		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	47
4		1,2,3,4-Tetrahydro[1,2,4]triazin...	174	C9H10N4	055754-07-9	38
5		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102115\
Data File : BF082408.D
Acq On : 21 Oct 2015 17:06
Operator : UM/IZ
Sample : G4099-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20151019MGP210BRV88

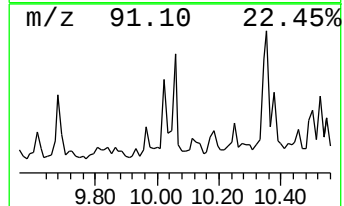
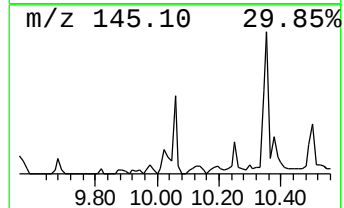
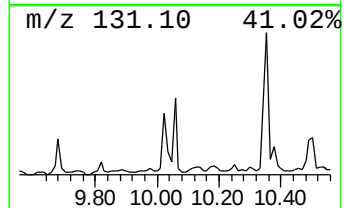
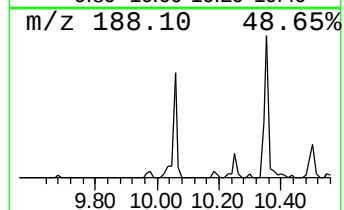
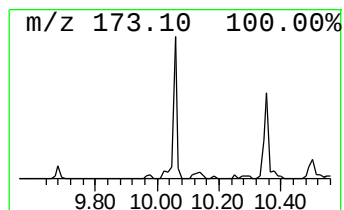
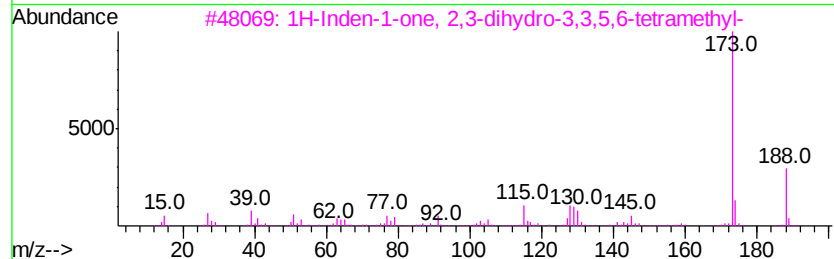
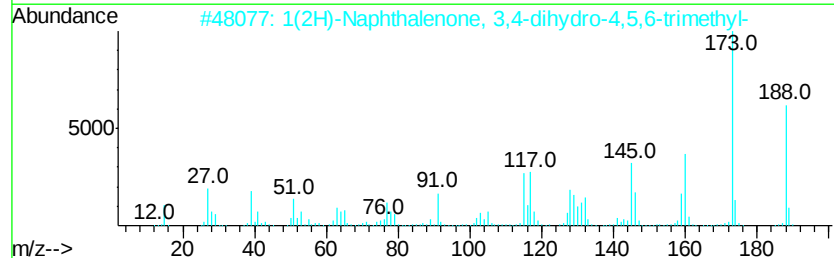
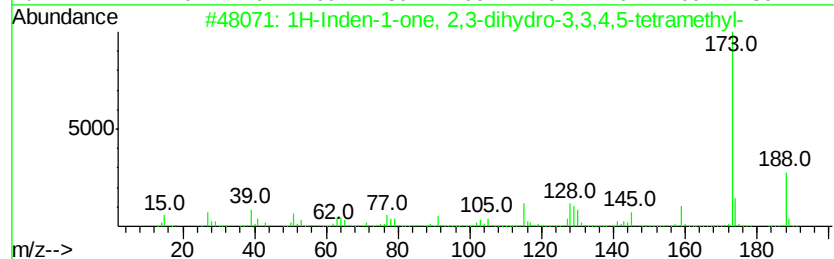
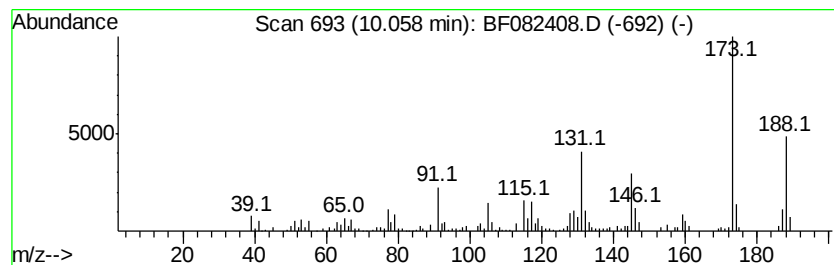
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	2.18 ng	119740	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	056298-98-7	83
2		1(2H)-Naphthalenone, 3,4-dihydro...	188	C13H16O	030316-31-5	60
3		1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-22-9	60
4		1,3-Cyclohexadiene, 2,6,6-trimet...	188	C14H20	052260-01-2	58
5		Naphthalene, 1,2,3,4-tetrahydro...	188	C14H20	081603-43-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082408.D
Acq On : 21 Oct 2015 17:06
Operator : UM/IZ
Sample : G4099-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

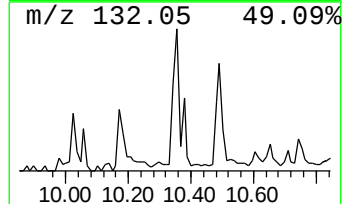
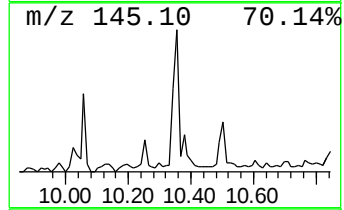
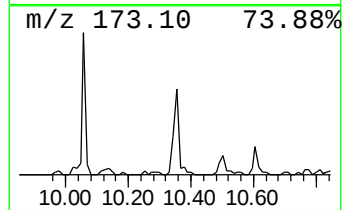
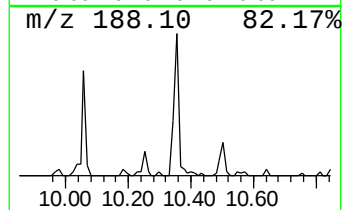
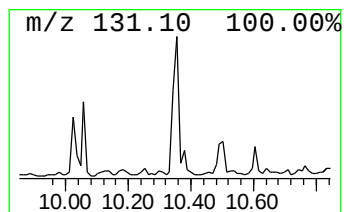
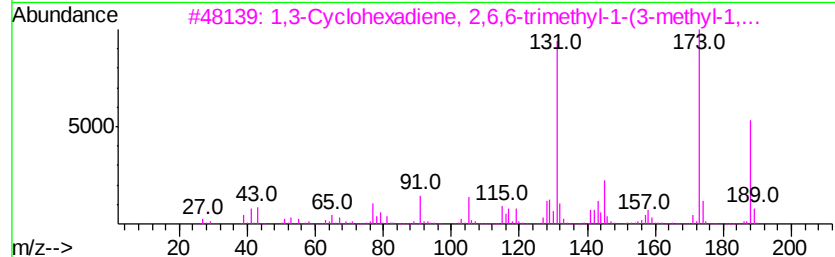
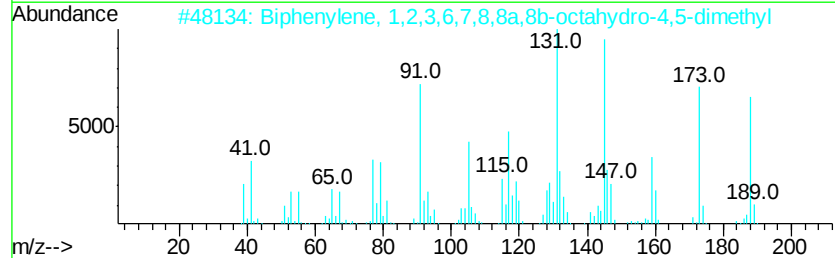
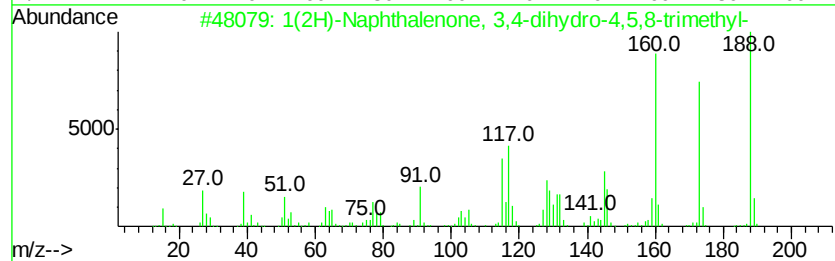
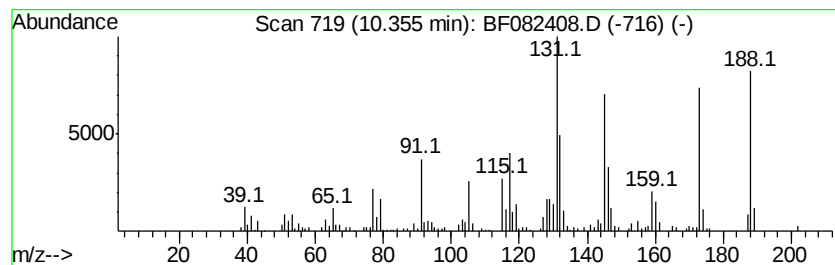
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	4.43 ng	243203	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1(2H)-Naphthalenone, 3,4-dihydro...	188 C13H16O	010468-61-8 83
2		Biphenylene, 1,2,3,6,7,8,8a,8b-o...	188 C14H20	106988-87-8 72
3		1,3-Cyclohexadiene, 2,6,6-trimet...	188 C14H20	052260-01-2 64
4		Benzene, 1-(1-methyl-2-propenyl)...	188 C14H20	057438-46-7 60
5		Bicyclo[4.2.0]oct-1-ene, exo-7-(...	188 C14H20	1000142-22-1 60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082408.D
Acq On : 21 Oct 2015 17:06
Operator : UM/IZ
Sample : G4099-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

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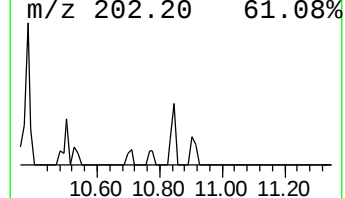
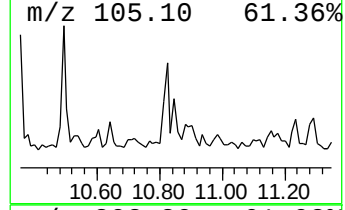
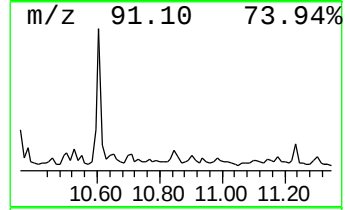
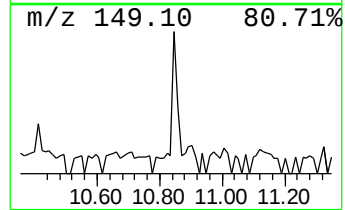
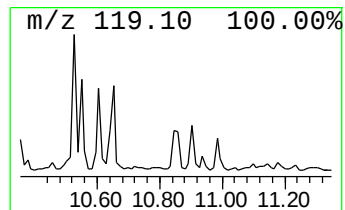
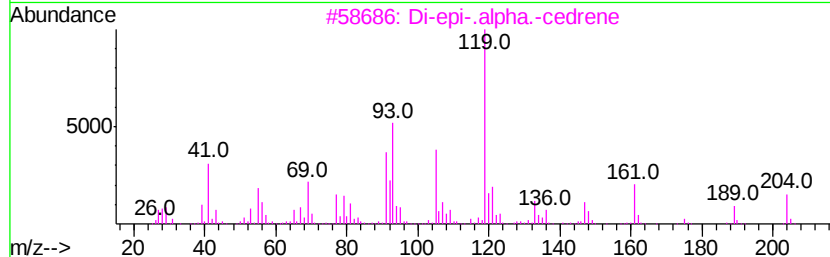
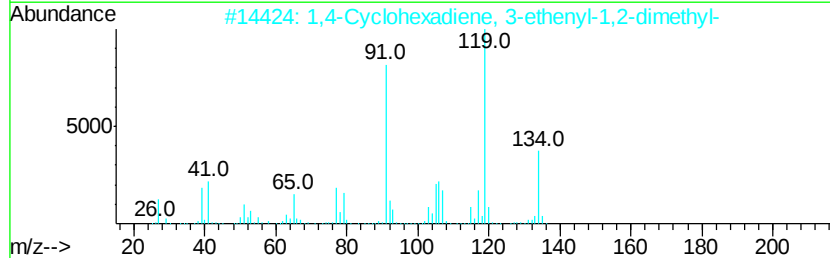
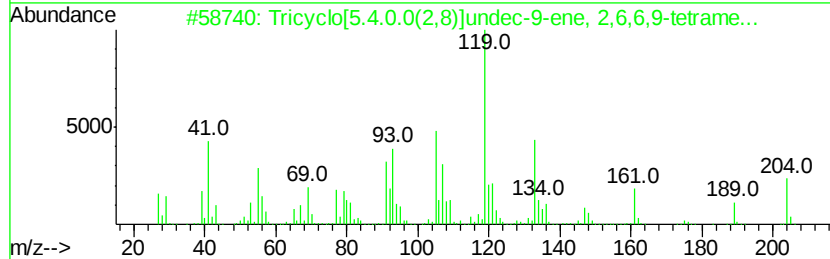
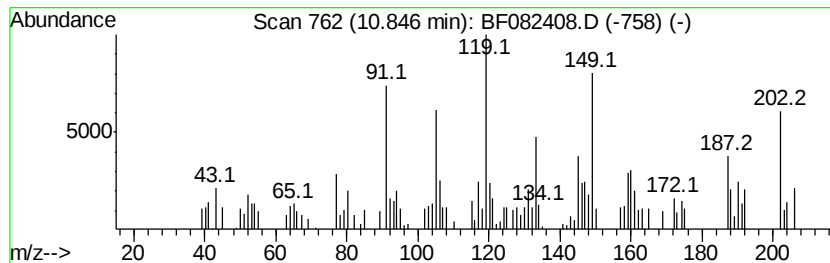
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.85 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	2.03 ng	108015	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	38
2		1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	25
3		Di-epi-.alpha.-cedrene	204	C15H24	1000156-13-3	25
4		Benzenebutanoic acid, 2,5-dimethyl-	192	C12H16O2	001453-06-1	20
5		Naphthalene, hexahydro-1,6-dimet...	204	C15H24	029837-12-5	15



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082408.D
Acq On : 21 Oct 2015 17:06
Operator : UM/IZ
Sample : G4099-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

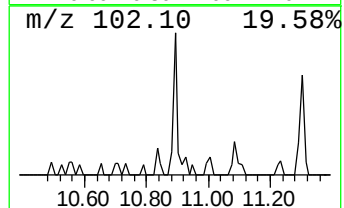
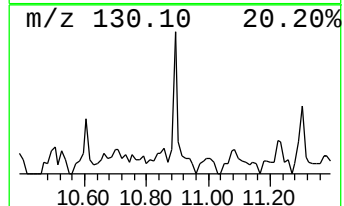
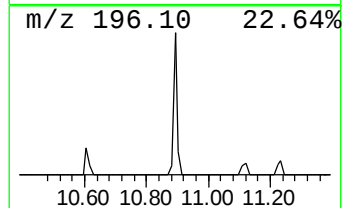
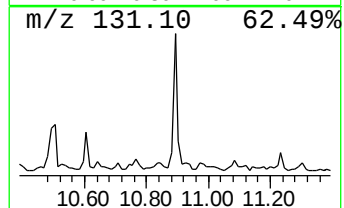
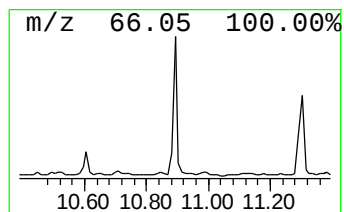
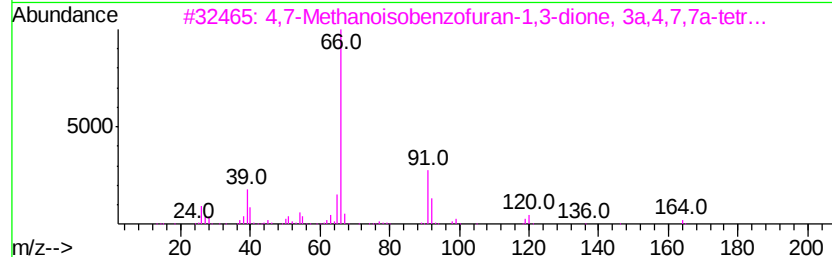
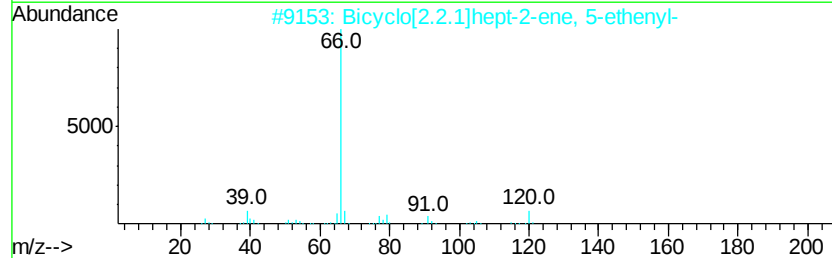
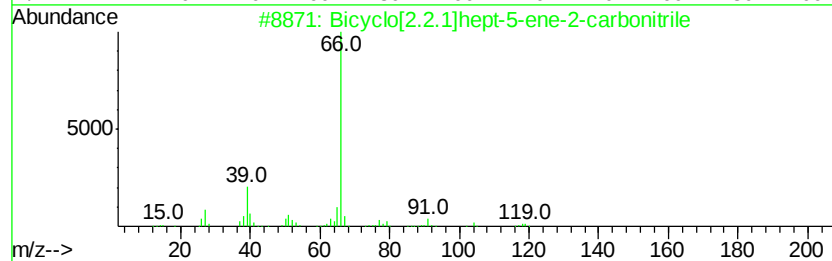
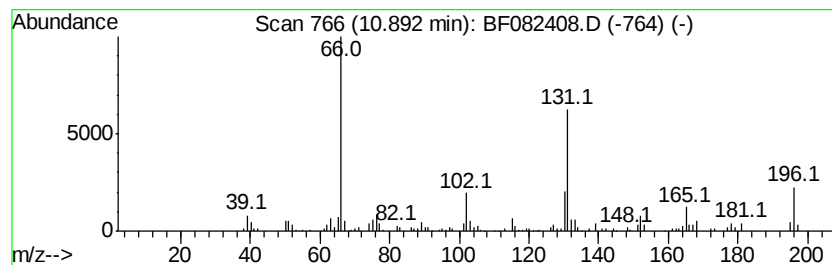
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Bicyclo[2.2.1]hept-5-ene-2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.89	2.36 ng	125846	Phenanthrene-d10	11.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicvclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	62
2		Bicvclo[2.2.1]hept-2-ene, 5-ethe...	120	C9H12	003048-64-4	58
3		4,7-Methanoisobenzofuran-1,3-dio...	164	C9H8O3	000826-62-0	53
4		Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	53
5		Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	000612-09-9	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082408.D
Acq On : 21 Oct 2015 17:06
Operator : UM/IZ
Sample : G4099-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20151019MGP210BRV88

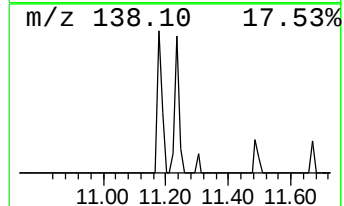
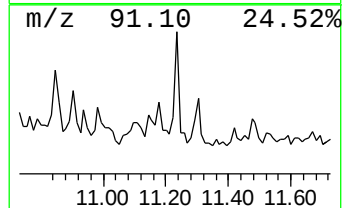
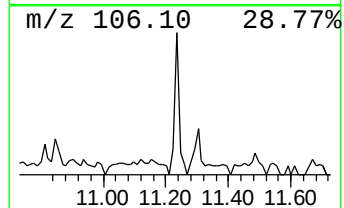
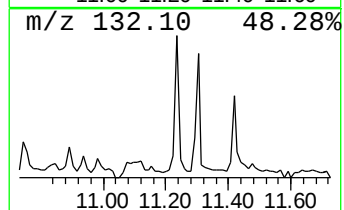
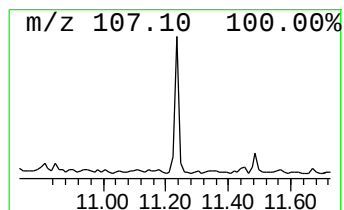
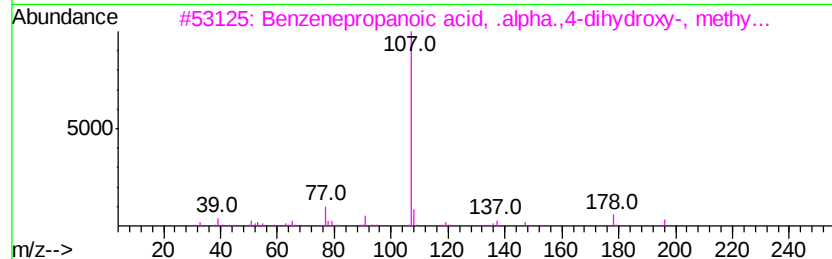
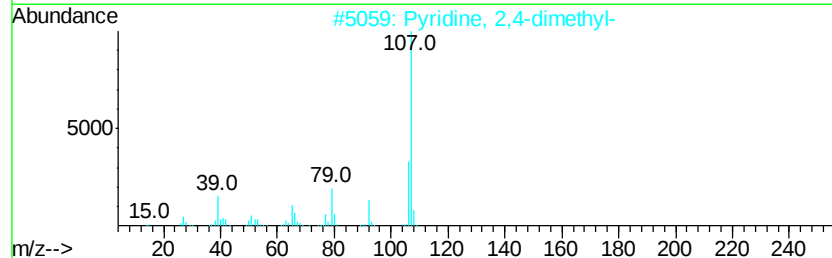
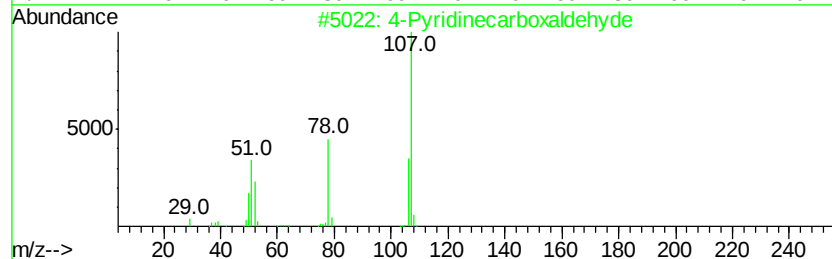
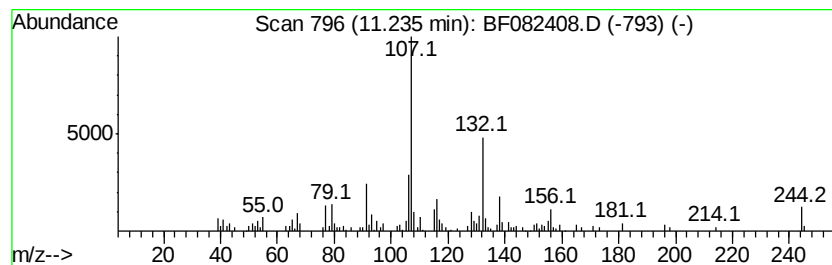
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown11.23 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.18 ng	116014	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Pyridinecarboxaldehyde	107	C6H5NO	000872-85-5	46
2			Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	43
3			Benzenepropanoic acid, .alpha.,4...	196	C10H12O4	051095-47-7	38
4			1,2-Ethanediol, 1-phenyl-	138	C8H10O2	000093-56-1	38
5			Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102115\
Data File : BF082408.D
Acq On : 21 Oct 2015 17:06
Operator : UM/IZ
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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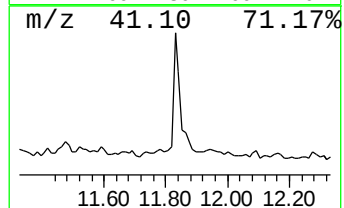
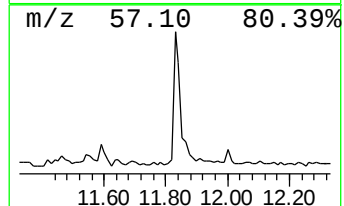
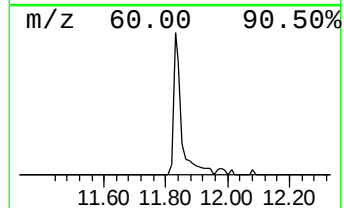
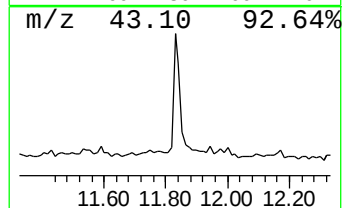
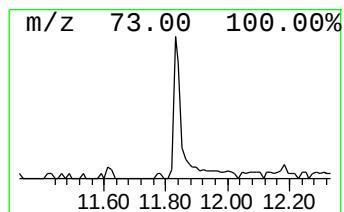
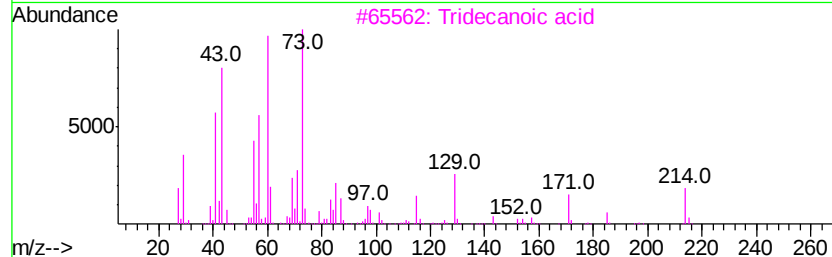
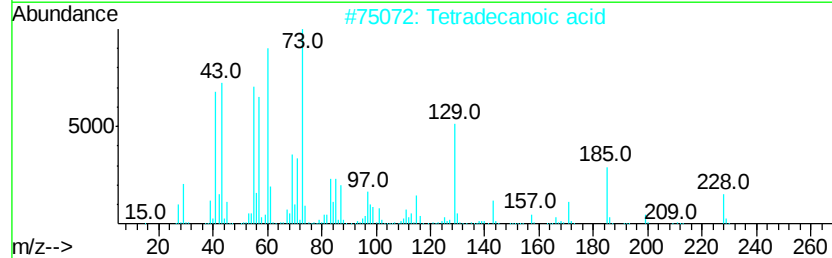
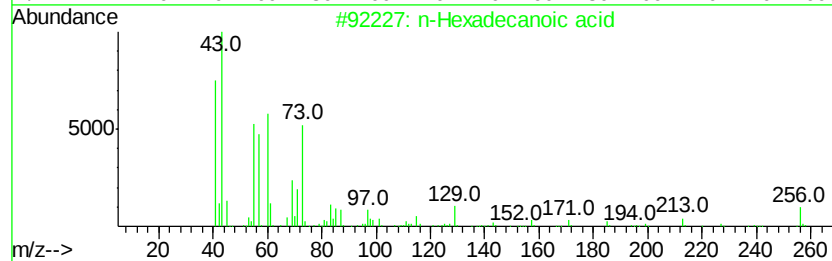
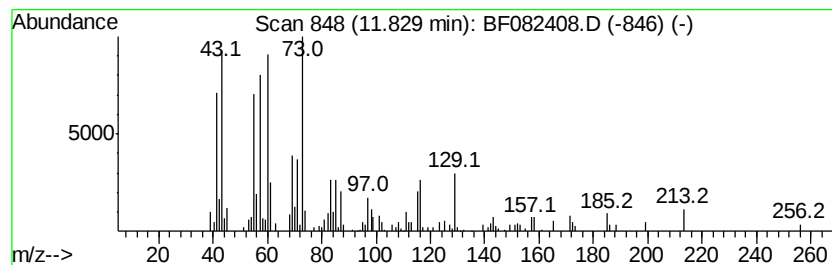
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.93 ng	155970	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3			Tridecanoic acid	214	C13H26O2	000638-53-9	74
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5			Dodecanoic acid	200	C12H24O2	000143-07-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102115\
 Data File : BF082408.D
 Acq On : 21 Oct 2015 17:06
 Operator : UM/IZ
 Sample : G4099-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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
Thiophene, tetrahydro...	4.40	4.4	ng	132741	1	6.77	606729	20.0
2-Pentanone, 4-hydroxy...	4.93	14.9	ng	453329	1	6.77	606729	20.0
Benzene, (1-methyl)-	5.92	3.0	ng	92062	1	6.77	606729	20.0
unknown6.54	6.54	72.5	ng	2200810	1	6.77	606729	20.0
Benzene, 1,2,4-trimethyl-	6.58	2.8	ng	85394	1	6.77	606729	20.0
4,7-Methano-1H-indene	6.88	7.2	ng	217907	1	6.77	606729	20.0
Indene	7.03	7.2	ng	219059	1	6.77	606729	20.0
2-Methylindene	7.81	5.0	ng	371770	2	8.06	1501100	20.0
Naphthalene, 1-methyl-	8.87	2.4	ng	176695	2	8.06	1501100	20.0
unknown9.23	9.23	4.6	ng	254120	3	9.82	1098110	20.0
Tetracyclo[4.2.1.0.0]	10.02	2.3	ng	127263	3	9.82	1098110	20.0
1H-Inden-1-one, 2-methyl-	10.06	2.2	ng	119740	3	9.82	1098110	20.0
1(2H)-Naphthaleno[1,2-b]	10.35	4.4	ng	243203	3	9.82	1098110	20.0
unknown10.85	10.85	2.0	ng	108015	4	11.30	1064260	20.0
Bicyclo[2.2.1]hept-2-ene	10.89	2.4	ng	125846	4	11.30	1064260	20.0
unknown11.23	11.23	2.2	ng	116014	4	11.30	1064260	20.0
n-Hexadecanoic acid	11.83	2.9	ng	155970	4	11.30	1064260	20.0