

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
 Data File : BF083524.D
 Acq On : 6 Dec 2015 00:18
 Operator : UM/IZ
 Sample : G4595-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP212BRV74

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-BF120415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.921	105	108	111	rBV	30791	95191	1.77%	0.212%
2	2.978	111	113	117	rVB	45509	74669	1.39%	0.167%
3	3.150	126	128	132	rVB	151673	186971	3.48%	0.417%
4	3.584	164	166	178	rBV	238048	375162	6.99%	0.837%
5	4.030	204	205	220	rVB	1097285	2032912	37.87%	4.533%
6	5.321	315	318	327	rBV	848762	1398924	26.06%	3.120%
7	5.459	327	330	335	rVV	3233968	3818385	71.13%	8.515%
8	5.527	335	336	346	rVB3	39487	104472	1.95%	0.233%
9	5.767	355	357	363	rBV	754775	938428	17.48%	2.093%
10	5.927	367	371	373	rBV	506107	652557	12.16%	1.455%
11	5.984	373	376	379	rBV	2960623	3576705	66.63%	7.976%
12	6.316	403	405	407	rBV	47249	57622	1.07%	0.128%
13	6.590	426	429	432	rBV	2146886	3552721	66.18%	7.923%
14	6.681	436	437	440	rVV	47025	83303	1.55%	0.186%
15	6.784	443	446	450	rVB	97861	145372	2.71%	0.324%
16	6.922	456	458	460	rBV	91726	110675	2.06%	0.247%
17	7.127	470	476	477	rBV3	29933	67246	1.25%	0.150%
18	7.184	479	481	486	rVB5	23556	63792	1.19%	0.142%
19	7.287	486	490	493	rBV2	171826	282914	5.27%	0.631%
20	7.390	493	499	504	rVV	119887	387471	7.22%	0.864%
21	7.539	507	512	514	rVV	91157	186643	3.48%	0.416%
22	7.596	514	517	519	rVV3	26374	54675	1.02%	0.122%
23	7.664	521	523	527	rVV	792772	1253469	23.35%	2.795%
24	7.790	530	534	536	rVV2	79213	189885	3.54%	0.423%
25	7.973	548	550	551	rBV	55332	71501	1.33%	0.159%
26	8.099	559	561	563	rBV2	35364	57720	1.08%	0.129%
27	8.453	590	592	597	rVV	49684	79891	1.49%	0.178%
28	8.533	597	599	602	rVB	84894	115463	2.15%	0.257%
29	8.693	608	613	614	rBV4	37993	67875	1.26%	0.151%
30	8.830	620	625	626	rBV3	22818	56003	1.04%	0.125%
31	8.922	631	633	635	rVV	37346	80749	1.50%	0.180%
32	9.013	638	641	645	rVB	169419	268441	5.00%	0.599%
33	9.173	650	655	657	rBV3	35493	77457	1.44%	0.173%
34	9.253	657	662	668	rVB4	81817	280631	5.23%	0.626%

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35	9.356	668	671	672	rBV2	37524	58820	1.10%	0.131%
36	9.413	672	676	679	rVV	3451124	5368389	100.00%	11.971%
37	9.562	686	689	692	rBV	128726	170505	3.18%	0.380%
38	9.653	692	697	699	rBV	137079	193133	3.60%	0.431%
39	9.699	699	701	706	rVB	63063	114526	2.13%	0.255%
40	9.859	710	715	721	rBV10	10371	54344	1.01%	0.121%
41	10.099	733	736	738	rBV	43754	72982	1.36%	0.163%
42	10.270	746	751	754	rBV3	95977	191494	3.57%	0.427%
43	10.453	764	767	775	rBV2	831999	1745668	32.52%	3.893%
44	10.705	787	789	792	rBV	121819	161502	3.01%	0.360%
45	10.830	797	800	804	rBV4	70339	155669	2.90%	0.347%
46	10.899	804	806	808	rVV	124454	140959	2.63%	0.314%
47	10.956	808	811	812	rVV	46942	67415	1.26%	0.150%
48	10.990	812	814	819	rVB2	60344	117709	2.19%	0.262%
49	11.128	823	826	829	rBV2	45786	94246	1.76%	0.210%
50	11.299	839	841	844	rVB2	135933	188781	3.52%	0.421%
51	11.368	844	847	850	rVB	191377	238740	4.45%	0.532%
52	11.425	850	852	854	rVB	46405	57216	1.07%	0.128%
53	11.562	861	864	866	rBV2	40408	71499	1.33%	0.159%
54	11.596	866	867	870	rBV2	38515	54329	1.01%	0.121%
55	11.665	870	873	874	rBV2	61075	109009	2.03%	0.243%
56	11.745	877	880	883	rVV	2014797	3070321	57.19%	6.847%
57	11.848	887	889	892	rVB3	55537	106526	1.98%	0.238%
58	11.916	892	895	898	rBV3	61237	126654	2.36%	0.282%
59	12.076	906	909	911	rBV2	71838	156954	2.92%	0.350%
60	12.202	916	920	923	rVB	156121	281845	5.25%	0.629%
61	12.271	923	926	928	rBV	71866	103443	1.93%	0.231%
62	12.396	935	937	943	rVB3	66360	172040	3.20%	0.384%
63	12.534	943	949	952	rBV	58723	147360	2.74%	0.329%
64	12.602	952	955	959	rVB3	44389	80676	1.50%	0.180%
65	12.694	959	963	965	rBV3	32203	74754	1.39%	0.167%
66	12.739	965	967	969	rVV2	83153	123744	2.31%	0.276%
67	12.796	969	972	974	rVB2	52962	102917	1.92%	0.230%
68	12.854	974	977	980	rBV	1021447	1323316	24.65%	2.951%
69	13.231	1008	1010	1014	rBV2	24085	55207	1.03%	0.123%
70	13.516	1031	1035	1038	rVB6	20474	53808	1.00%	0.120%
71	13.779	1056	1058	1062	rVB2	31523	64498	1.20%	0.144%

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72	13.905	1066	1069	1073	rVV2	179253	328552	6.12%	0.733%
73	13.974	1073	1075	1079	rVB3	36569	63342	1.18%	0.141%
74	14.157	1089	1091	1096	rBV5	35703	81804	1.52%	0.182%
75	14.271	1099	1101	1104	rBV2	32546	62627	1.17%	0.140%
76	14.637	1131	1133	1136	rBV	50262	82890	1.54%	0.185%
77	14.694	1136	1138	1144	rVB4	30025	94269	1.76%	0.210%
78	14.797	1144	1147	1155	rVB2	70737	157903	2.94%	0.352%
79	15.185	1178	1181	1185	rBV	160175	272400	5.07%	0.607%
80	15.494	1204	1208	1210	rBV	2914238	5058007	94.22%	11.279%
81	15.768	1230	1232	1238	rVB4	36243	94137	1.75%	0.210%
82	16.008	1250	1253	1256	rVB	42916	68065	1.27%	0.152%
83	16.980	1335	1338	1341	rBV	98906	138032	2.57%	0.308%
84	17.037	1341	1343	1351	rVB	764337	1128500	21.02%	2.517%
85	18.671	1484	1486	1493	rBV	733975	895905	16.69%	1.998%

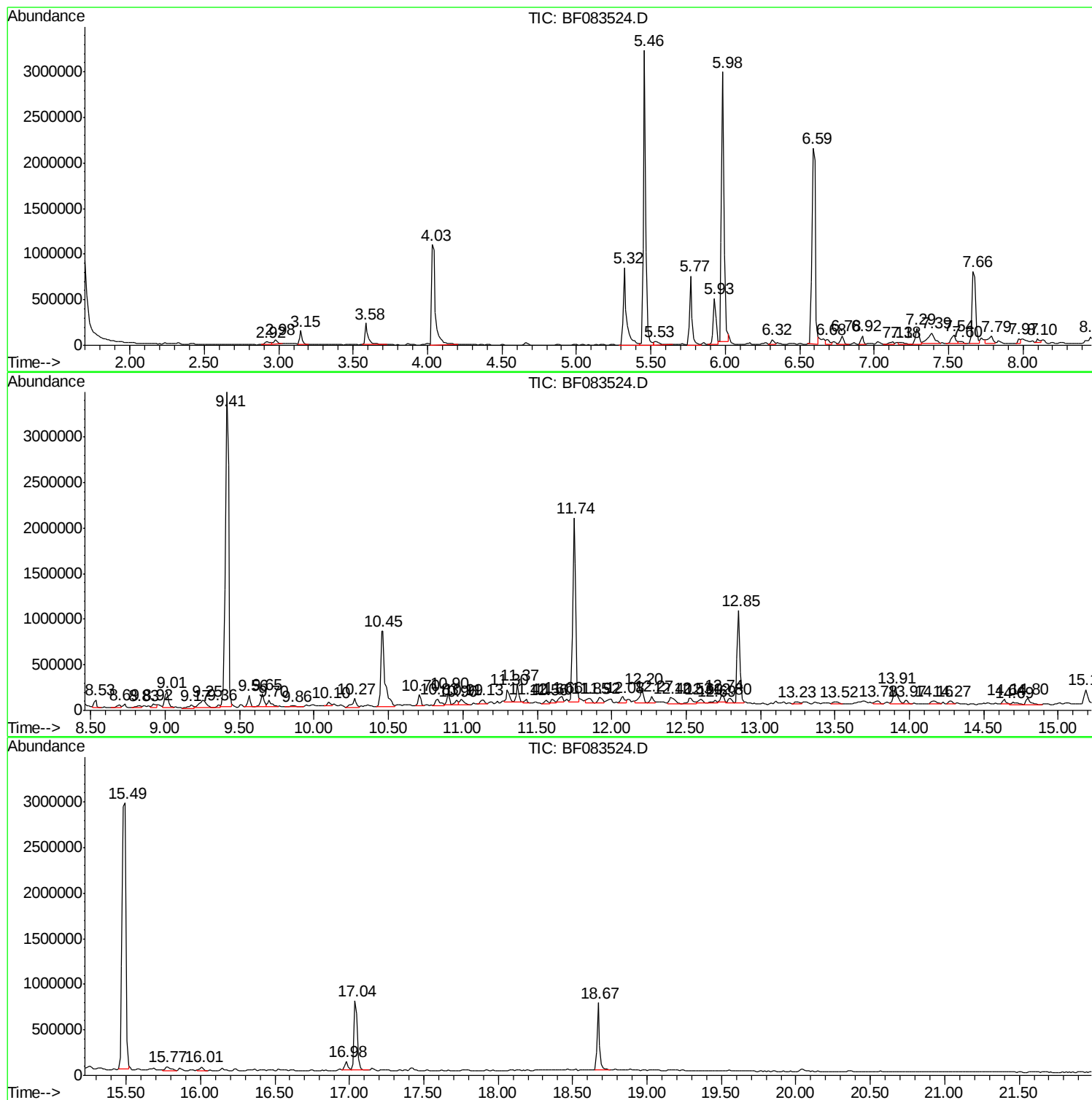
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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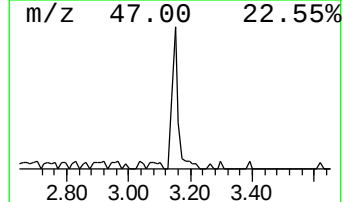
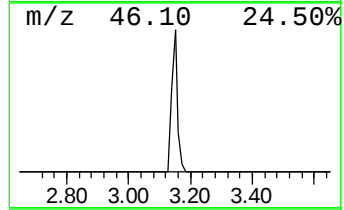
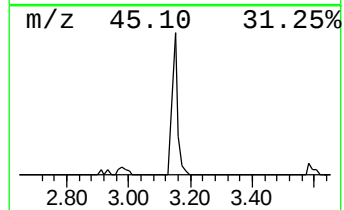
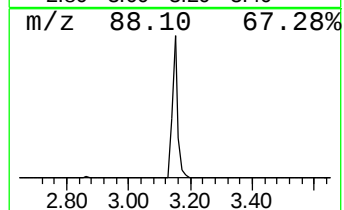
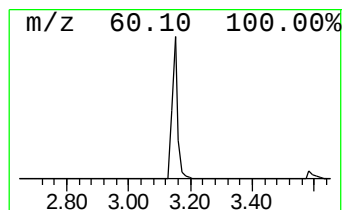
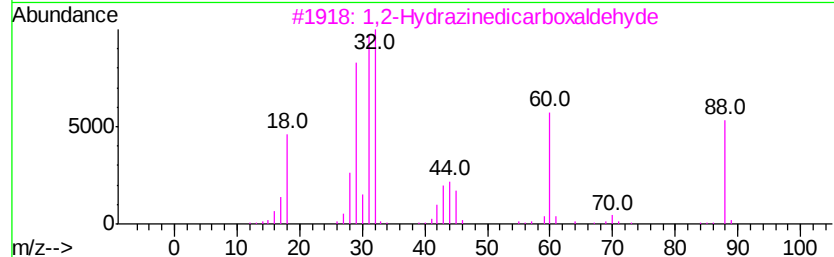
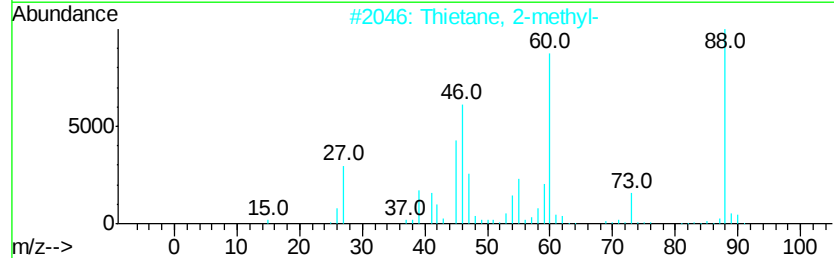
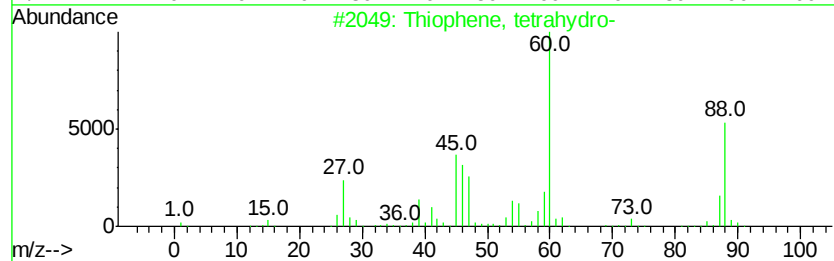
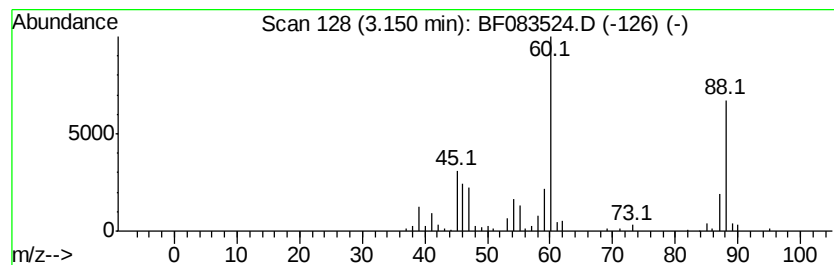
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Thiophene, tetrahydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	3.98 ng	186971	1,4-Dichlorobenzene-d4	5.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, tetrahydro-	88	C4H8S	000110-01-0	94
2			Thietane, 2-methyl-	88	C4H8S	017837-41-1	87
3			1,2-Hydrazinedicarboxaldehyd	88	C2H4N2O2	000628-36-4	50
4			Phospholane	88	C4H9P	003466-00-0	38
5			Ethanol, 2-mercapto-	78	C2H6OS	000060-24-2	23



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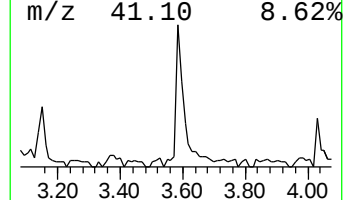
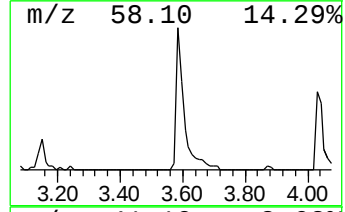
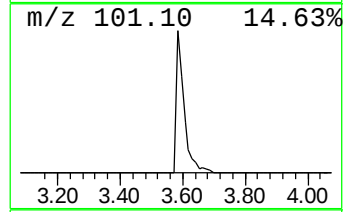
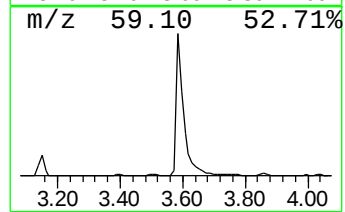
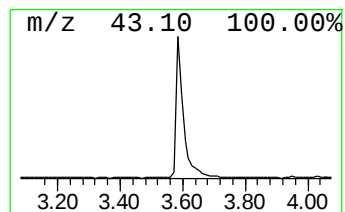
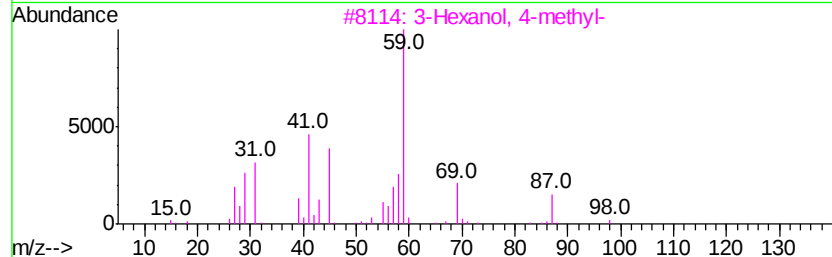
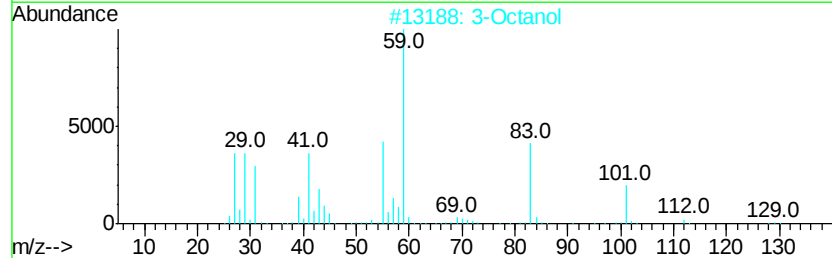
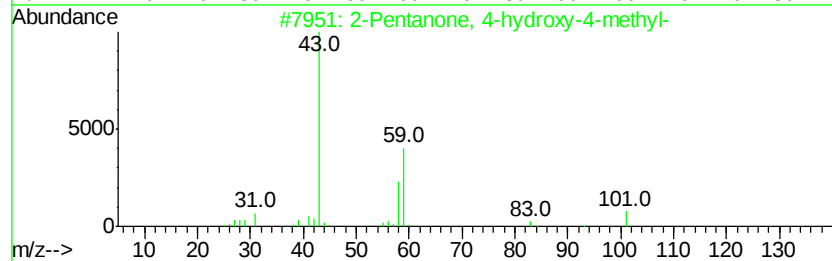
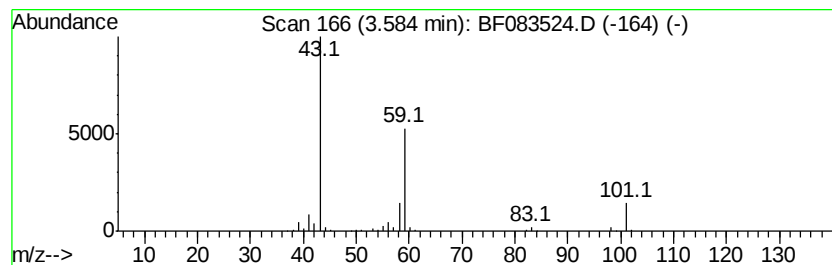
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.58	8.00 ng	375162	1,4-Dichlorobenzene-d4	5.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			3-Octanol	130	C8H18O	000589-98-0	33
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25



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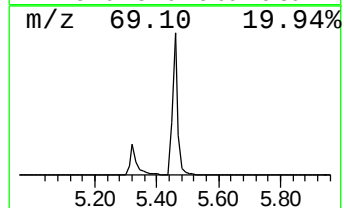
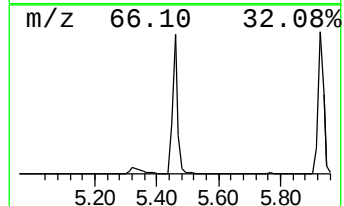
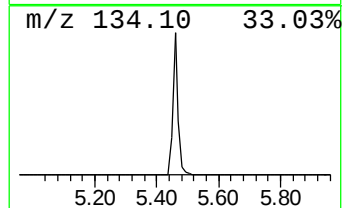
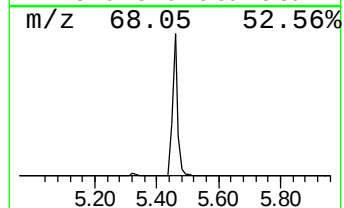
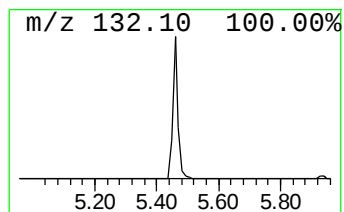
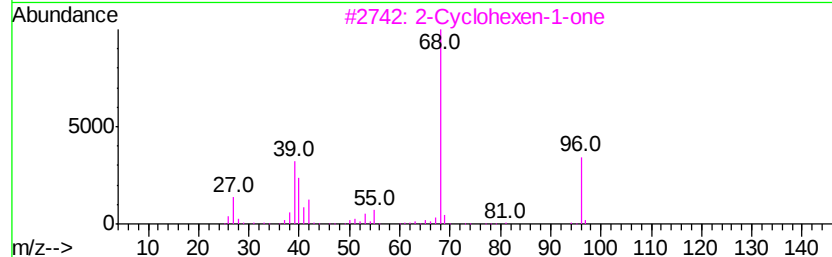
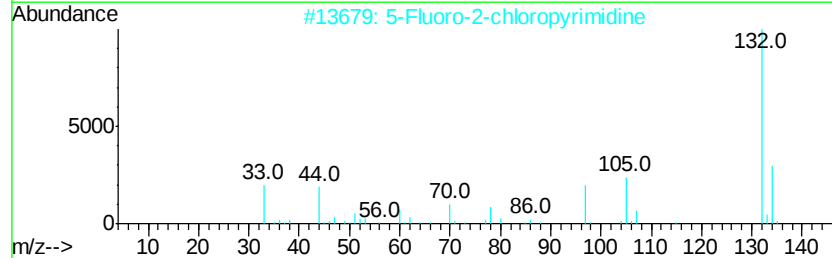
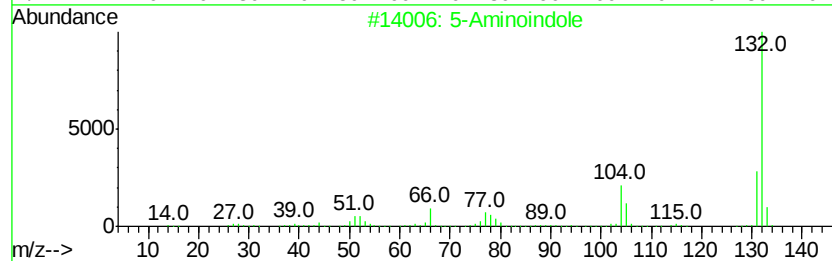
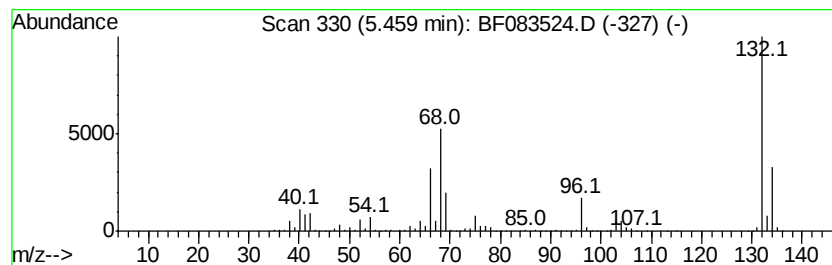
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown5.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	81.38 ng	3818390	1,4-Dichlorobenzene-d4	5.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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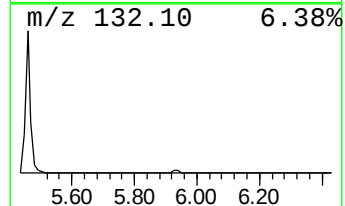
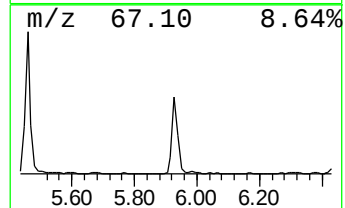
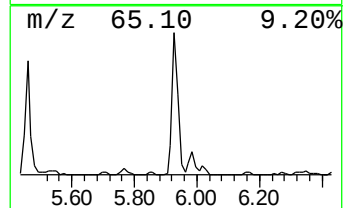
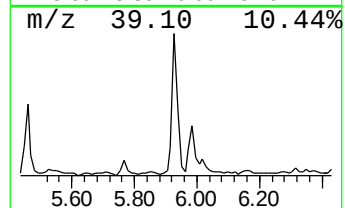
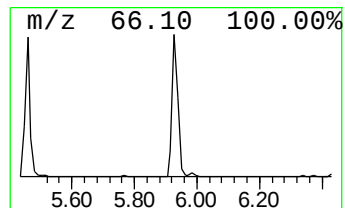
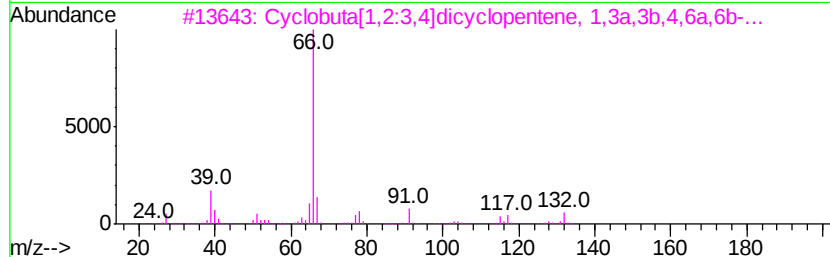
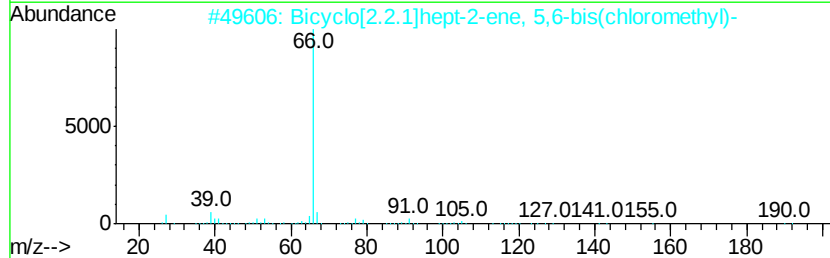
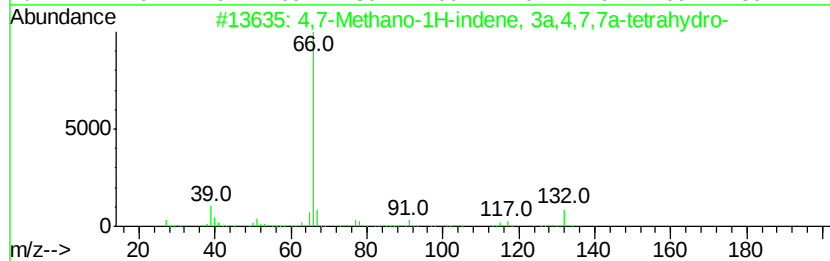
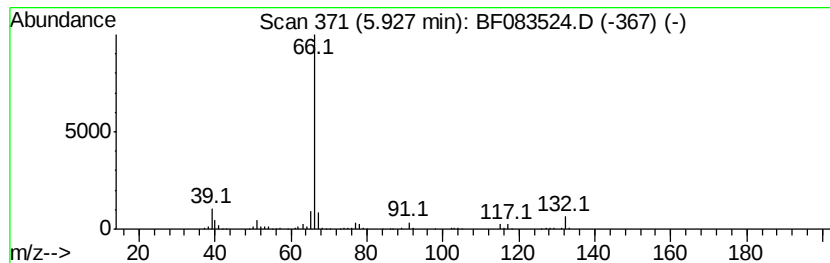
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	13.91 ng	652557	1,4-Dichlorobenzene-d4	5.77

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		Bicyclo[2.2.1]hept-2-ene, 5,6-bi...	190	C9H12Cl2	005992-56-3	83
3		Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	83
4		1,3,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-88-6	83
5		Bicyclo[2.2.1]hept-5-en-2-ol	110	C7H10O	013080-90-5	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
Data File : BF083524.D
Acq On : 6 Dec 2015 00:18
Operator : UM/IZ
Sample : G4595-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

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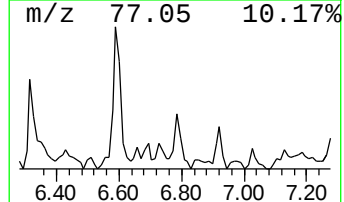
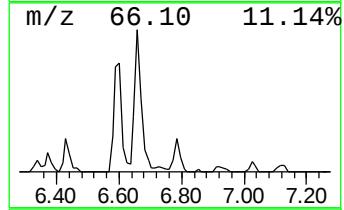
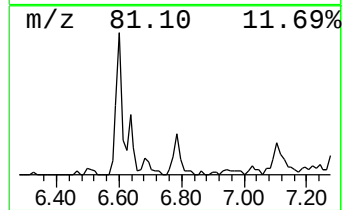
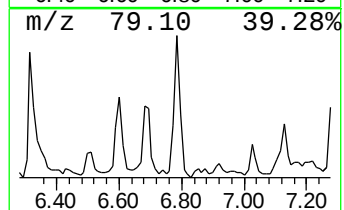
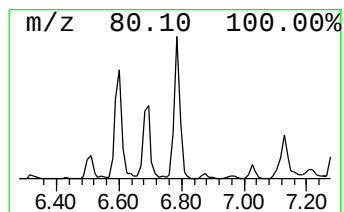
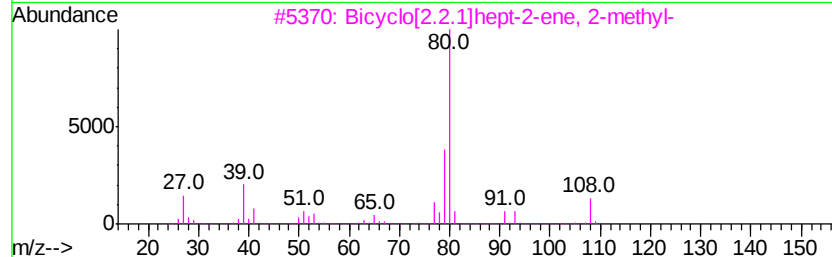
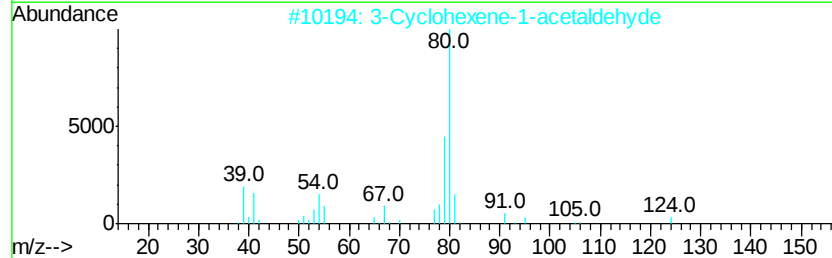
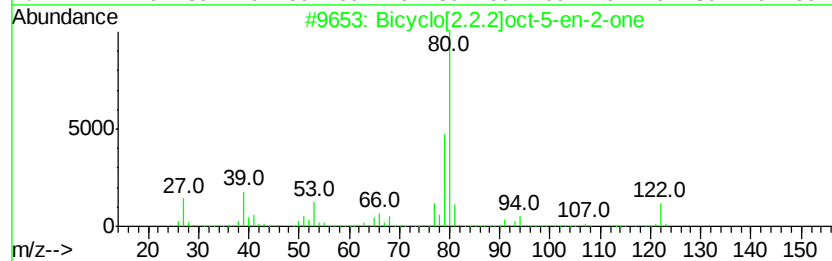
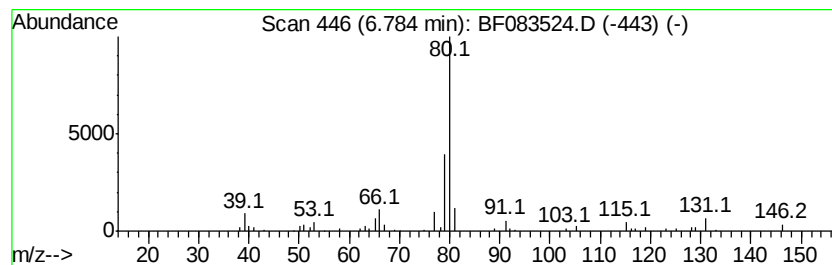
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Bicyclo[2.2.2]oct-5-en-2-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	2.32 ng	145372	Naphthalene-d8	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.2]oct-5-en-2-one	122	C8H10O	002220-40-8	83
2		3-Cyclohexene-1-acetaldehyde	124	C8H12O	024480-99-7	78
3		Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	78
4		cis-8-Methyl-bicyclo(4,3,0)non-3...	134	C10H14	1000144-50-6	64
5		Bicyclo[2.2.2]oct-2-ene	108	C8H12	000931-64-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
Data File : BF083524.D
Acq On : 6 Dec 2015 00:18
Operator : UM/IZ
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ClientSampleId :
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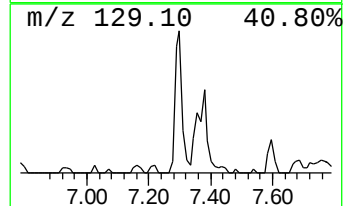
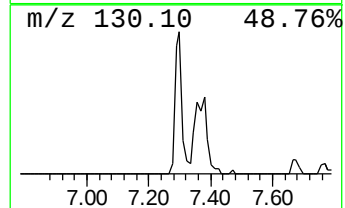
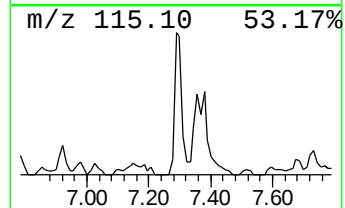
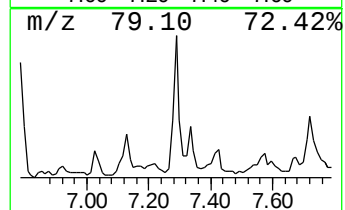
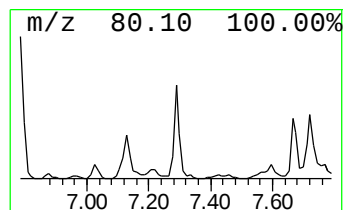
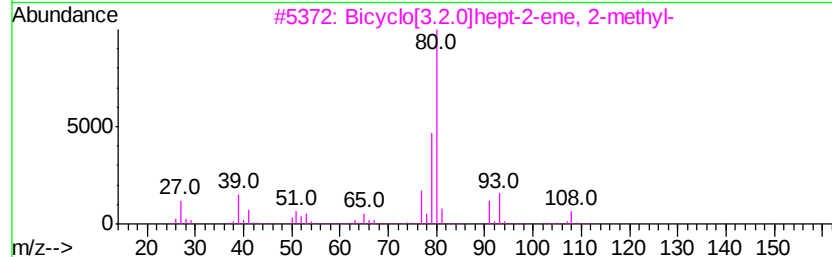
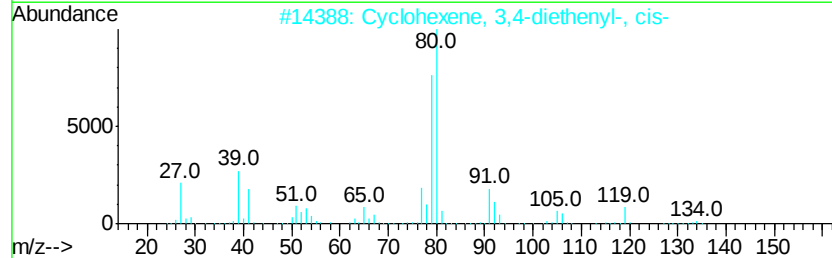
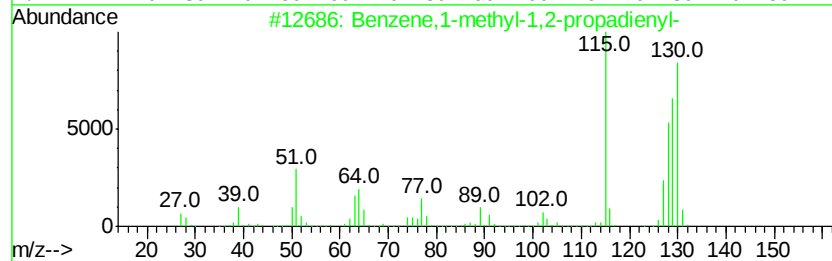
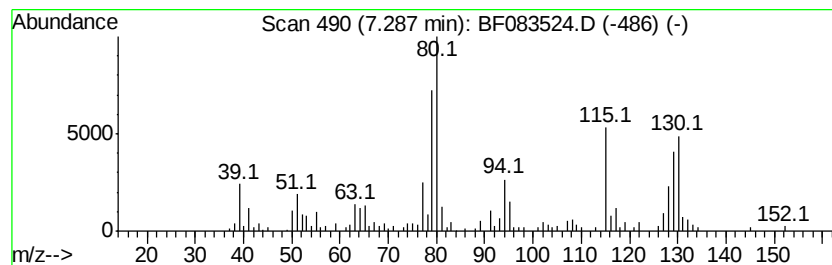
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene,1-methyl-1,2-propad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	4.51 ng	282914	Napthalene-d8	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	90
2		Cyclohexene, 3,4-diethenyl-, cis-	134	C10H14	061222-40-0	52
3		Bicyclo[3.2.0]hept-2-ene, 2-methyl-	108	C8H12	094122-58-4	52
4		1-Hexen-3-yne	80	C6H8	013721-54-5	50
5		2-Hexen-4-yne, (E)-	80	C6H8	033625-96-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
Data File : BF083524.D
Acq On : 6 Dec 2015 00:18
Operator : UM/IZ
Sample : G4595-06
Misc :
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Instrument :
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ClientSampleId :
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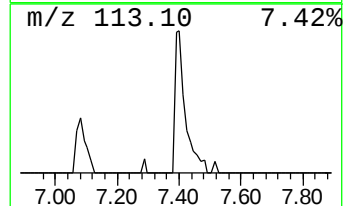
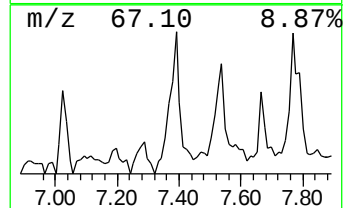
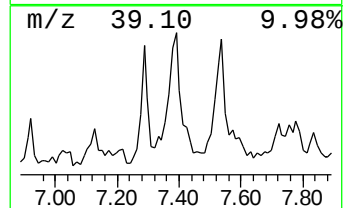
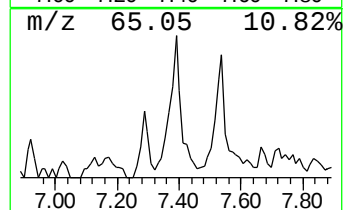
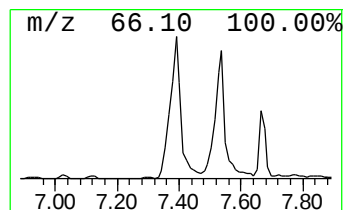
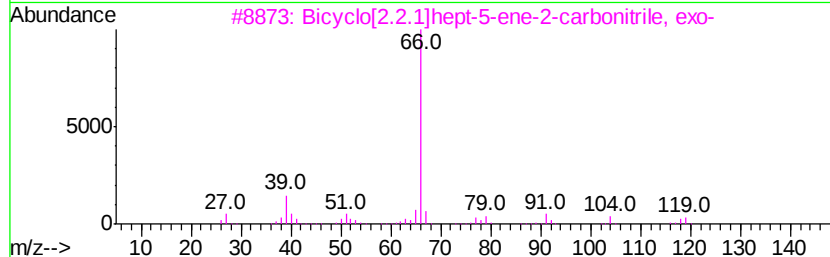
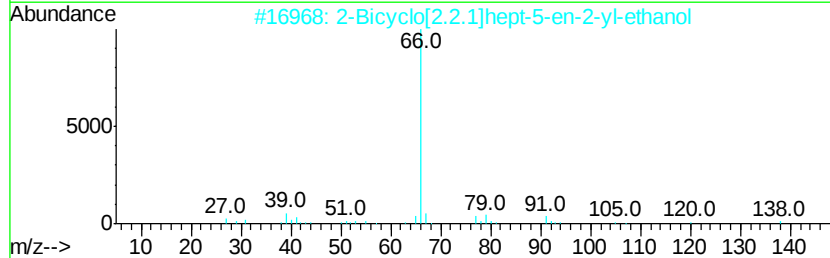
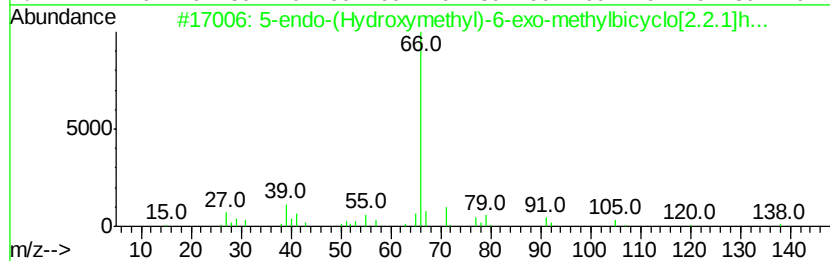
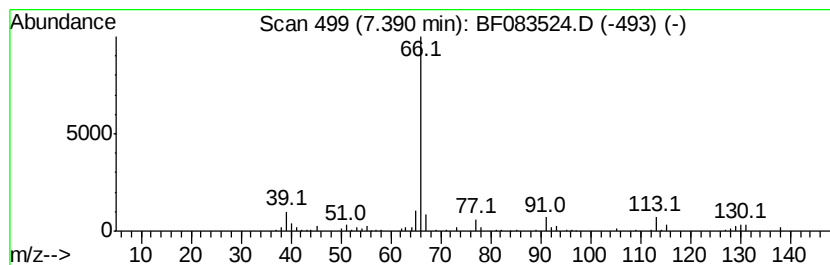
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5-endo-(Hydroxymethyl)-6-ex... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	6.18 ng	387471	Napthalene-d8	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-endo-(Hdroxymethyl)-6-exo-met...	138	C9H14O	018377-05-4	86
2		2-Bicyclo[2.2.1]hept-5-en-2-yl-e...	138	C9H14O	013080-91-6	86
3		Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	002890-96-2	78
4		5-Norbornene-2-methanol	124	C8H12O	000095-12-5	78
5		5-Ethyl bicyclo[2.2.1]-2-heptene	122	C9H14	015403-89-1	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083524.D
Acq On : 6 Dec 2015 00:18
Operator : UM/IZ
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Misc :
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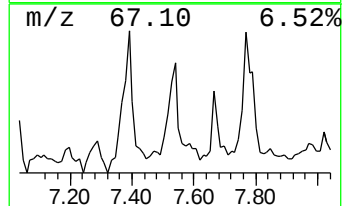
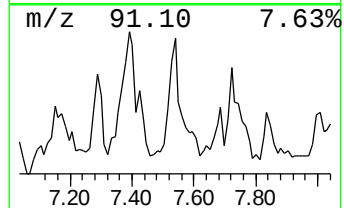
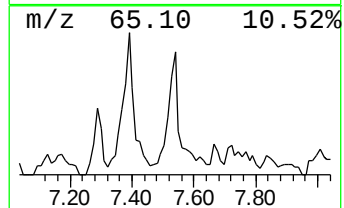
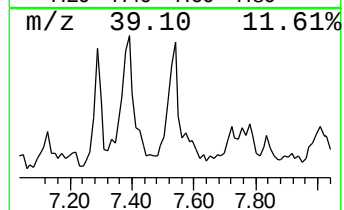
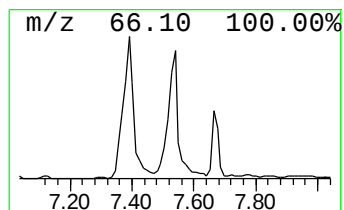
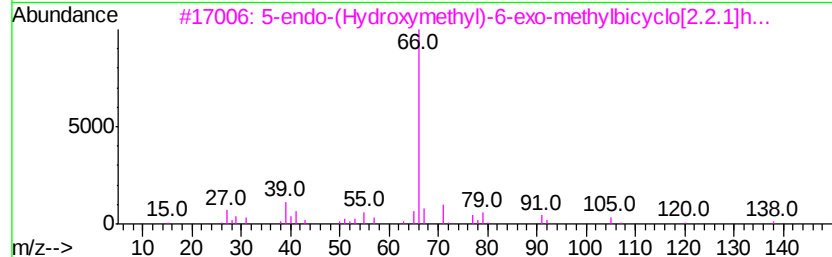
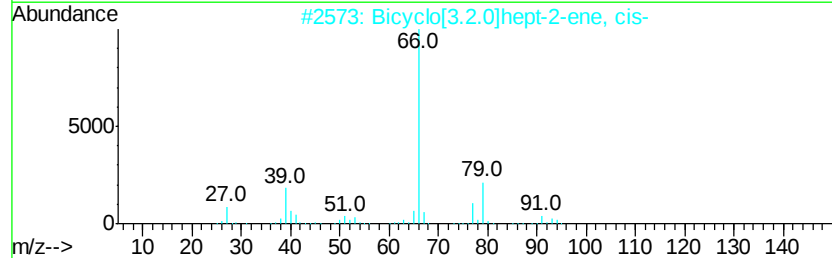
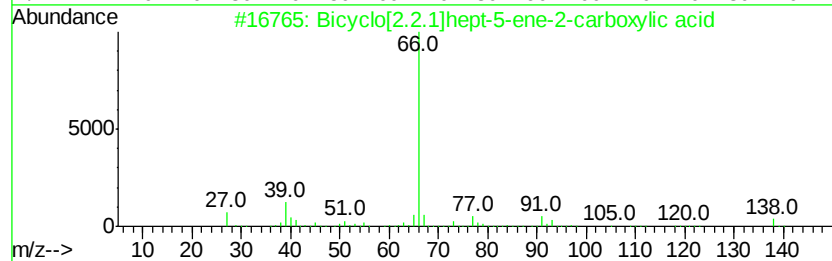
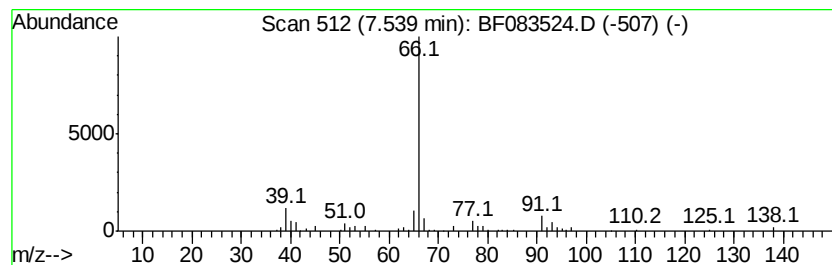
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Bicyclo[2.2.1]hept-5-ene-2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	2.98 ng	186643	Napthalene-d8	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]hept-5-ene-2-carbo...	138	C8H10O2	000120-74-1	91
2		Bicyclo[3.2.0]hept-2-ene, cis-	94	C7H10	1000155-54-0	90
3		5-endo-(Hydroxymethyl)-6-exo-met...	138	C9H14O	018377-05-4	90
4		2-Norbornene	94	C7H10	000498-66-8	90
5		5-Norbornene-2,3-diacetonitrile	172	C11H12N2	101832-55-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
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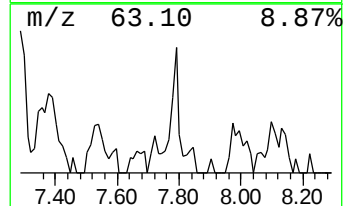
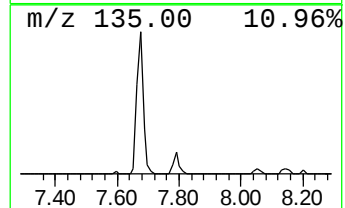
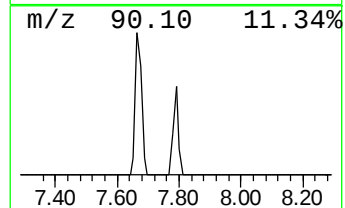
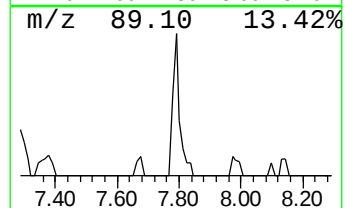
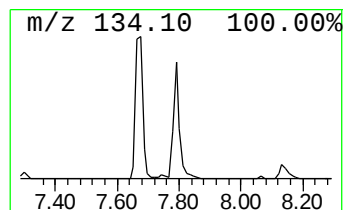
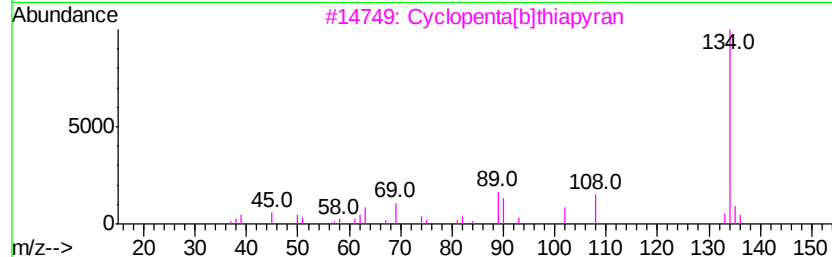
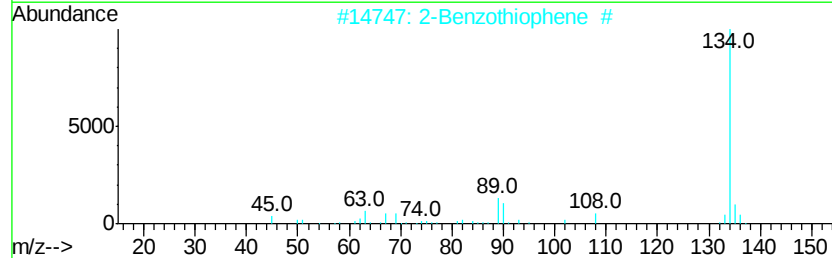
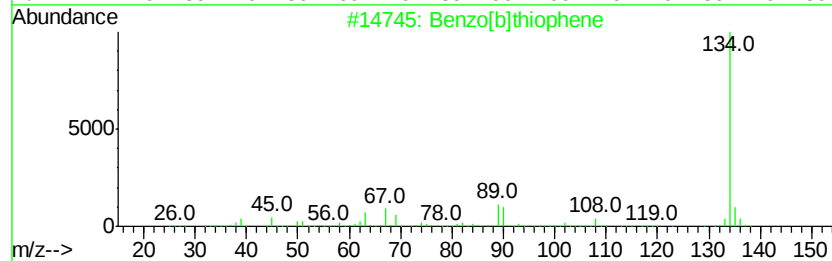
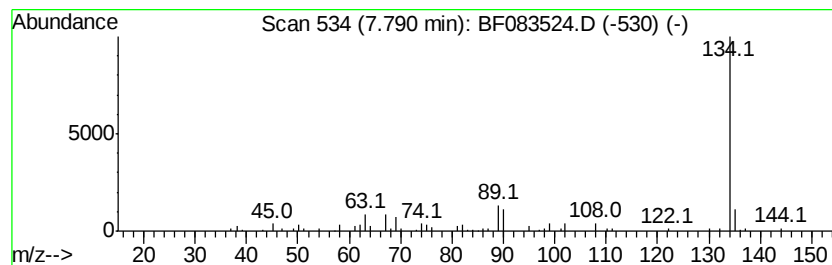
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	3.03 ng	189885	Napthalene-d8	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
2		2-Benzothiophene #	134	C8H6S	000270-82-6	83
3		Cyclopenta[b]thiapyran	134	C8H6S	000271-17-0	72
4		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	64
5		Isophthalaldehyde	134	C8H6O2	000626-19-7	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
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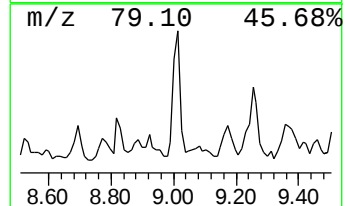
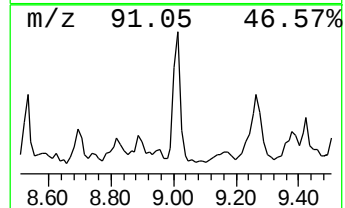
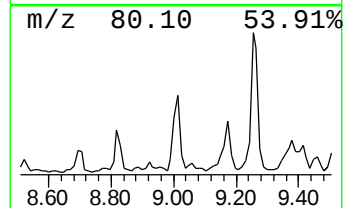
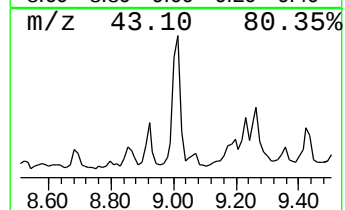
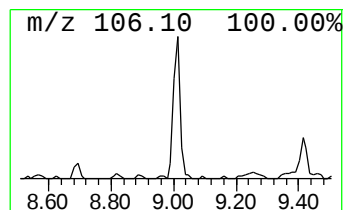
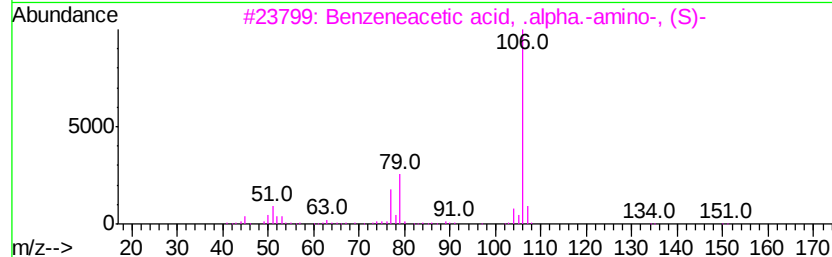
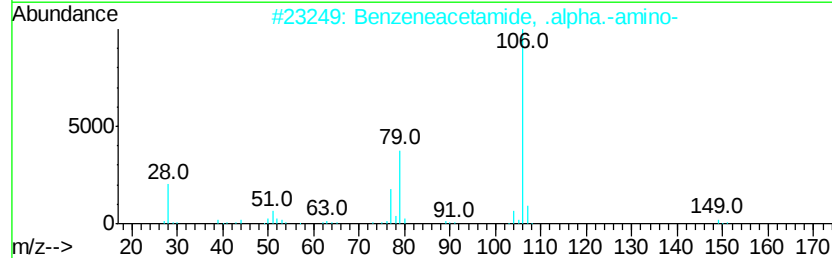
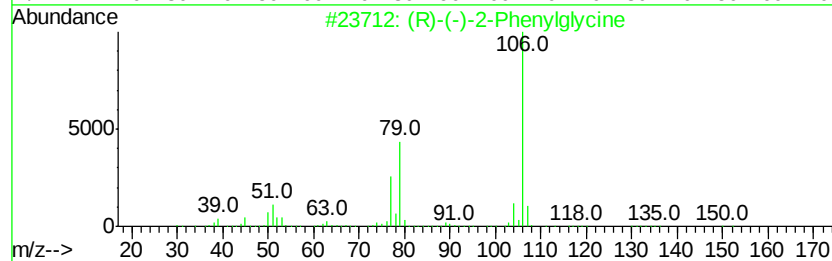
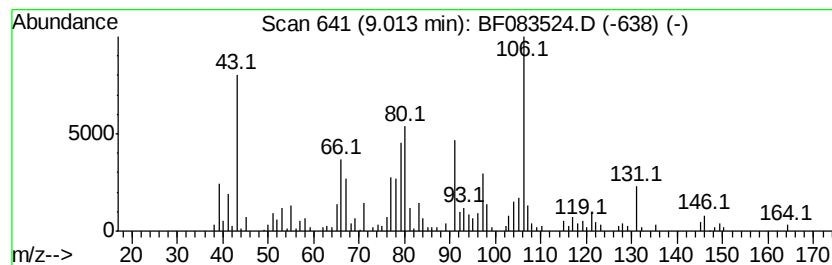
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown9.01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	4.28 ng	268441	Napthalene-d8	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(R)-(-)-2-Phenylglycine	151	C8H9NO2	000875-74-1	35
2		Benzeneacetamide, .alpha.-amino-	150	C8H10N2O	000700-63-0	35
3		Benzeneacetic acid, .alpha.-amin...	151	C8H9NO2	002935-35-5	35
4		Propanenitrile, 2-(propanenitril...	121	C6H7N3	1000196-32-1	27
5		2-Butanone, 1-amino-1-phenyl-	163	C10H13NO	032187-26-1	27



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Data File : BF083524.D
Acq On : 6 Dec 2015 00:18
Operator : UM/IZ
Sample : G4595-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

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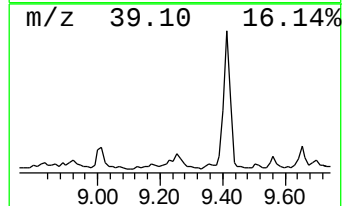
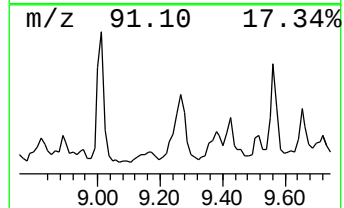
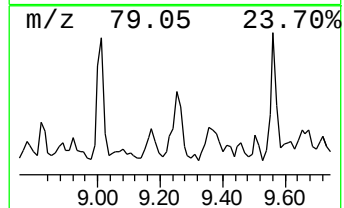
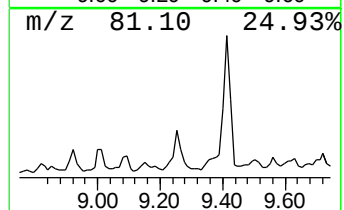
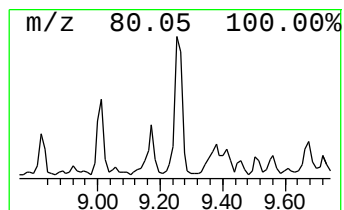
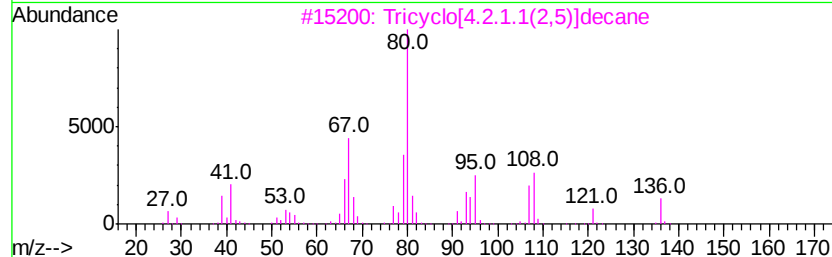
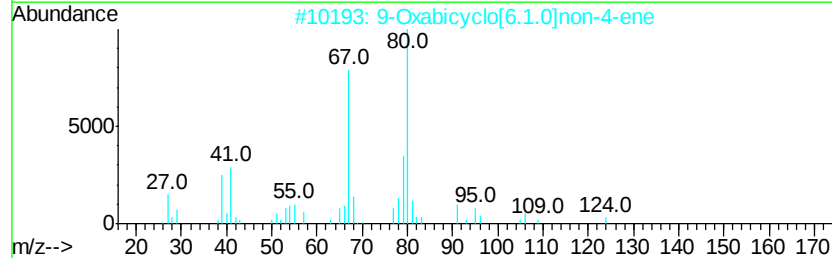
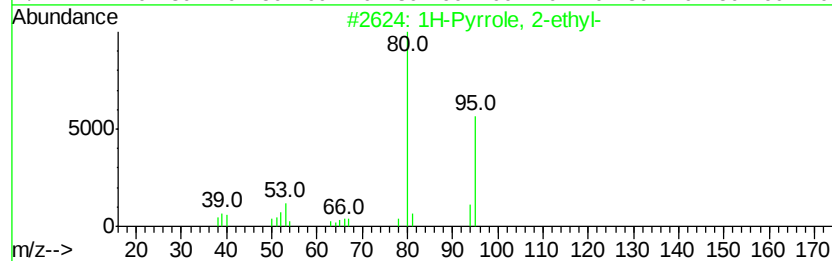
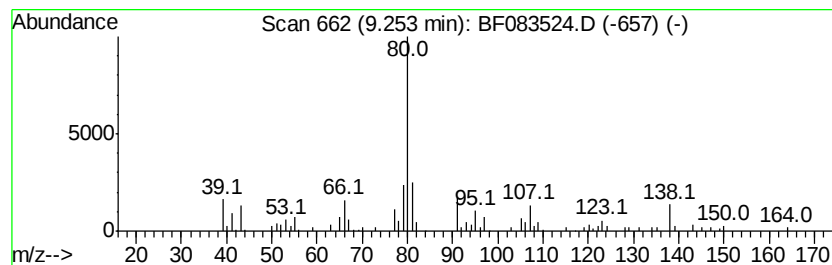
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Pyrrole, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	3.22 ng	280631	Acenaphthene-d10	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Pyrrole, 2-ethyl-	95	C6H9N	001551-06-0	64
2		9-Oxabicyclo[6.1.0]non-4-ene	124	C8H12O	000637-90-1	64
3		Tricyclo[4.2.1.1(2,5)]decane	136	C10H16	049700-70-1	64
4		6,8-Nonadien-2-one	138	C9H14O	077828-54-7	56
5		3-Oxabicyclo[3.3.0]oct-6-en-2-on...	168	C9H12O3	1000155-62-0	56



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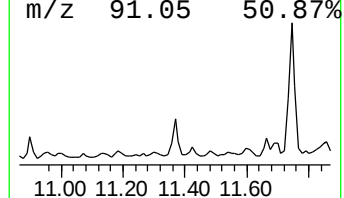
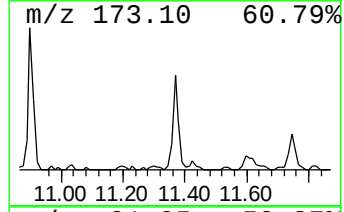
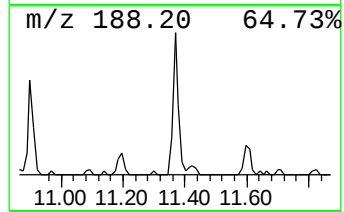
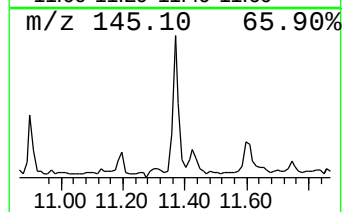
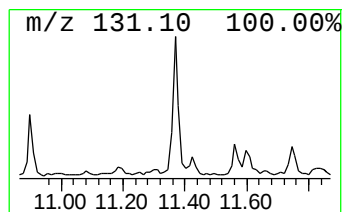
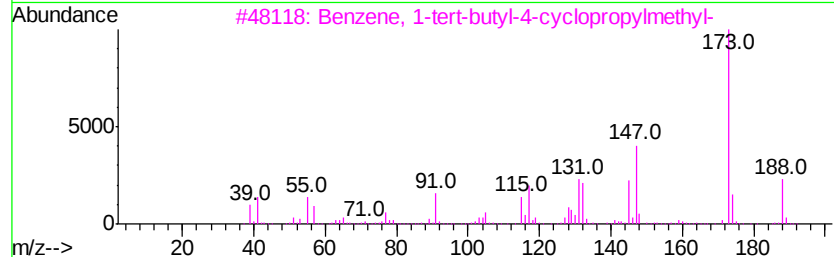
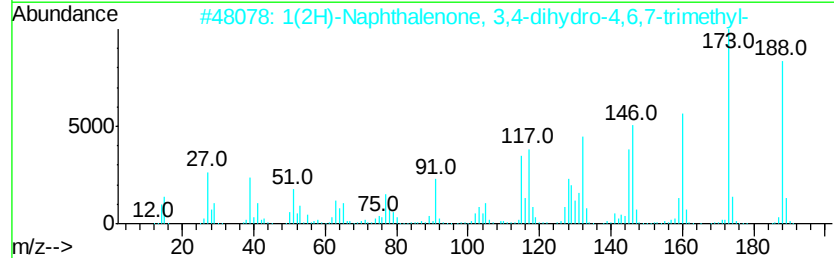
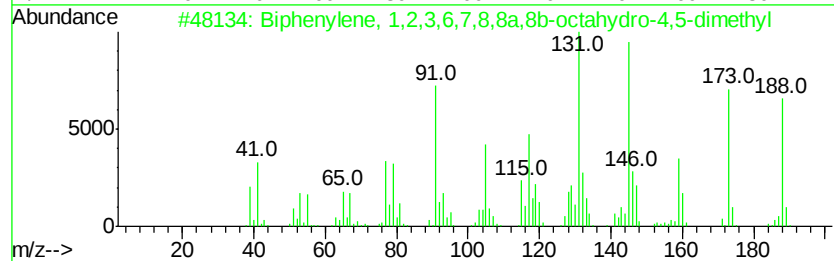
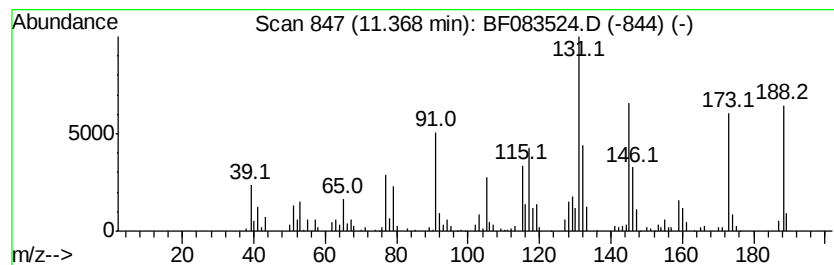
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Biphenylene, 1,2,3,6,7,8,8a... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	2.74 ng	238740	Acenaphthene-d10	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene, 1,2,3,6,7,8,8a,8b-o...	188	C14H20	106988-87-8	91
2		1(2H)-Naphthalenone, 3,4-dihydro...	188	C13H16O	030316-32-6	70
3		Benzene, 1-tert-butyl-4-cyclopro...	188	C14H20	058249-45-9	53
4		Benzene, 1-(1-methyl-2-propenyl)...	188	C14H20	057438-46-7	49
5		1(2H)-Naphthalenone, 3,4-dihydro...	188	C13H16O	010468-61-8	46



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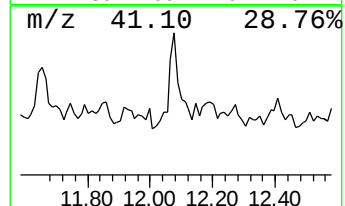
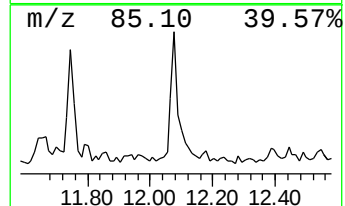
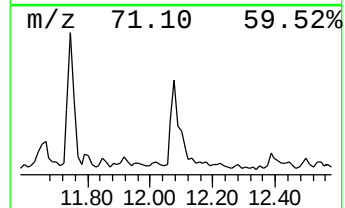
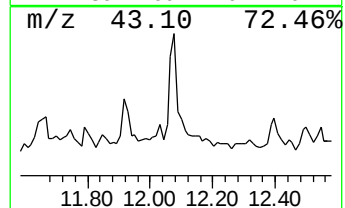
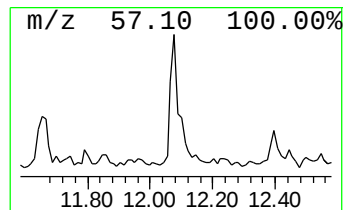
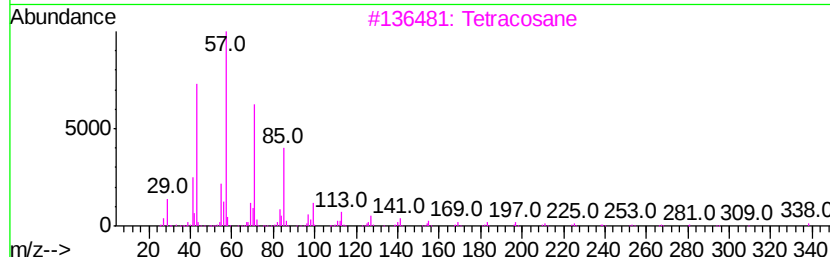
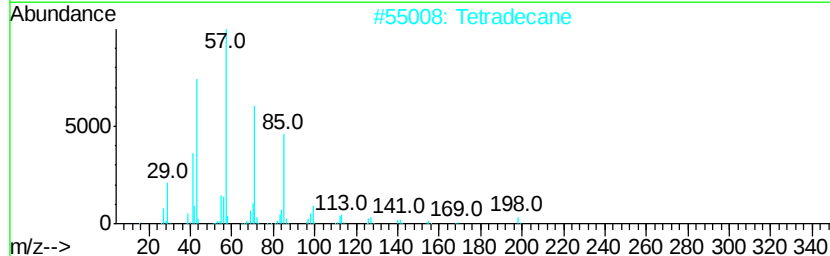
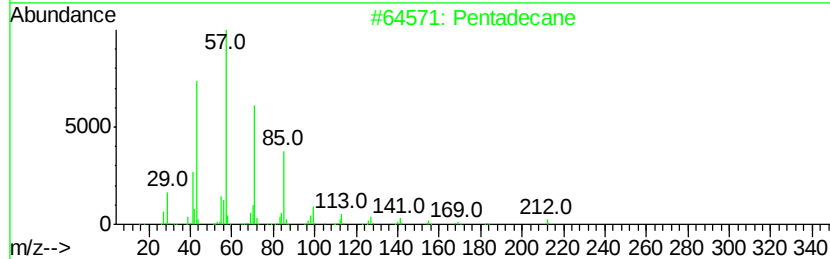
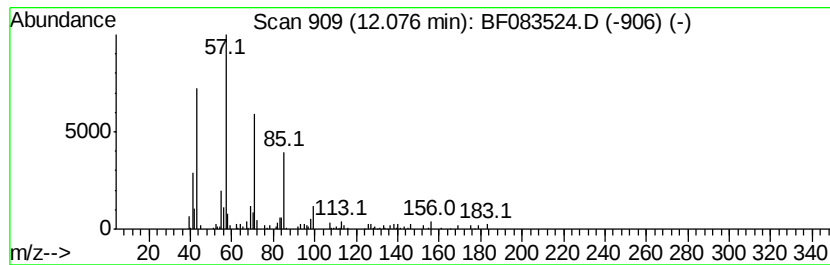
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	2.37 ng	156954	Phenanthrene-d10	12.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Tetradecane	198	C14H30	000629-59-4	86
3		Tetracosane	338	C24H50	000646-31-1	78
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	72
5		Nonadecane	268	C19H40	000629-92-5	72



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Misc :
ALS Vial : 15 Sample Multiplier: 1

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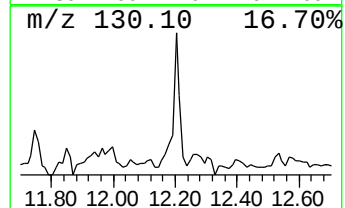
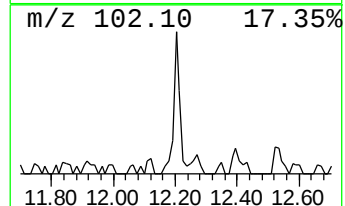
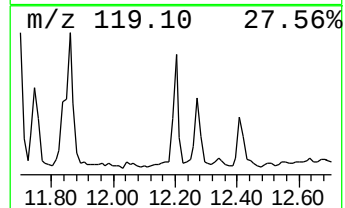
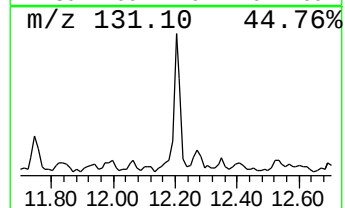
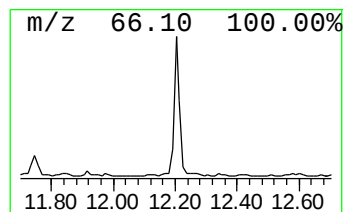
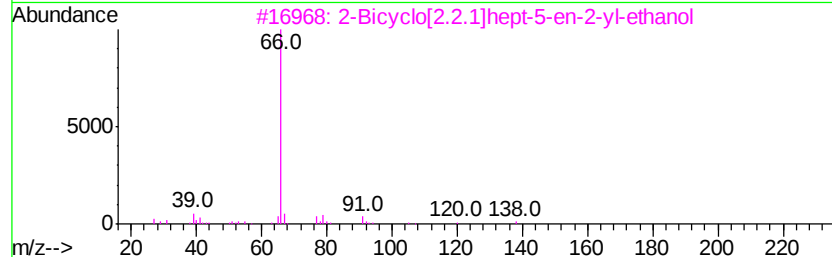
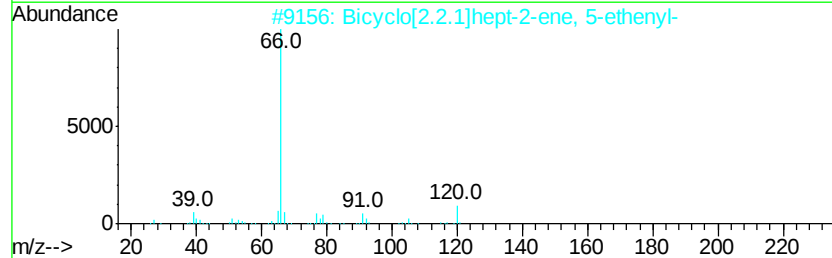
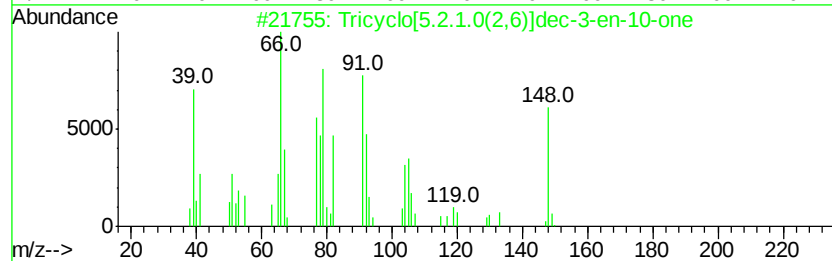
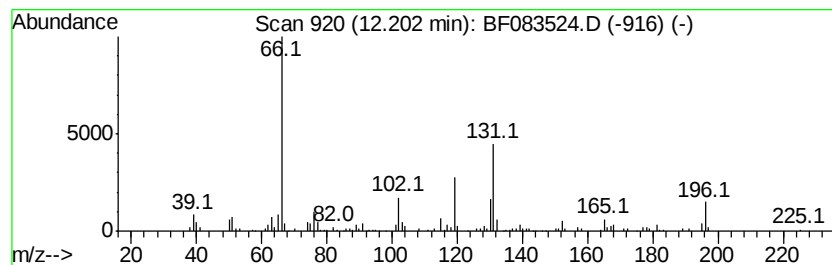
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tricyclo[5.2.1.0(2,6)]dec-3... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	4.26 ng	281845	Phenanthrene-d10	12.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	148	C10H12O	1000289-10-5	58
2		Bicyclo[2.2.1]hept-2-ene, 5-ethenyl...	120	C9H12	003048-64-4	53
3		2-Bicyclo[2.2.1]hept-5-en-2-yl-ethanol	138	C9H14O	013080-91-6	53
4		4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	53
5		Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	000612-09-9	53



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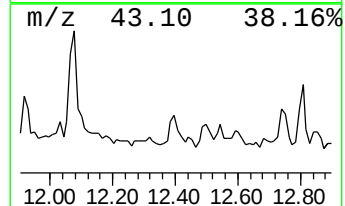
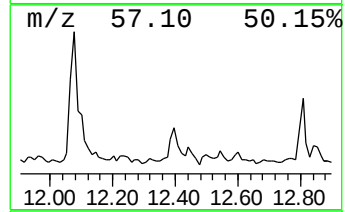
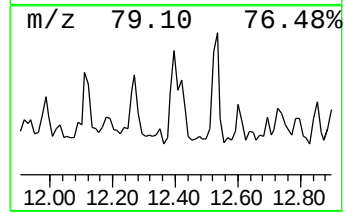
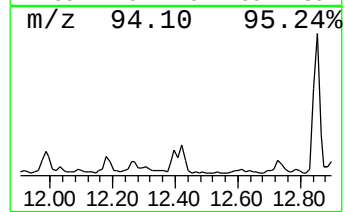
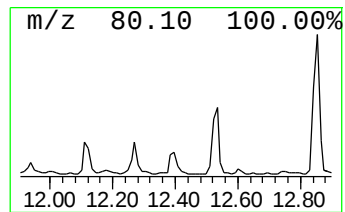
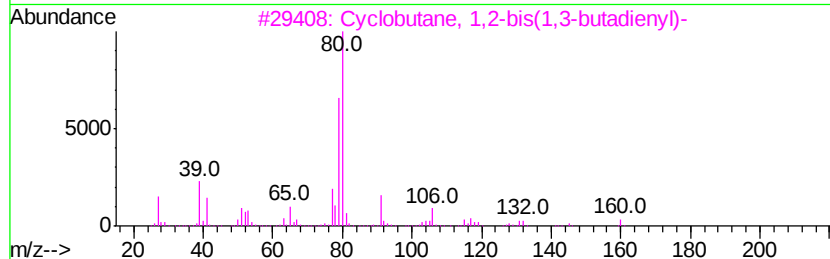
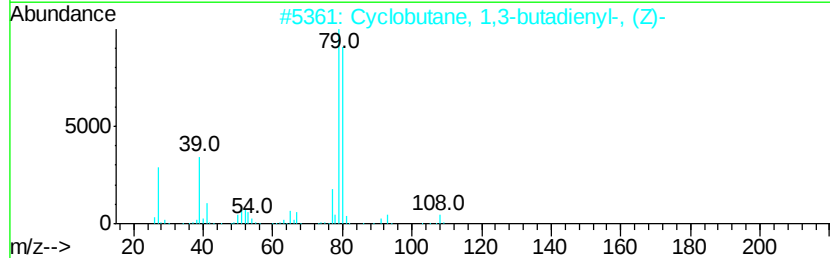
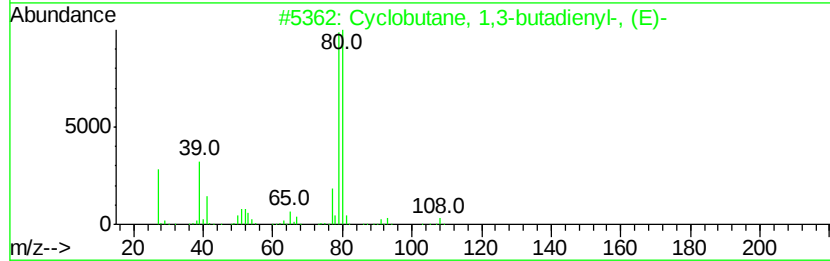
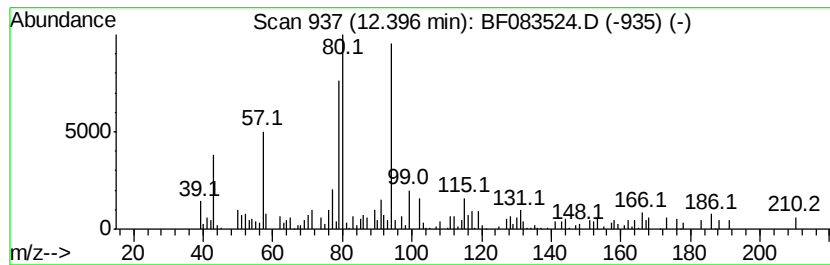
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclobutane, 1,3-butadienyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.60 ng	172040	Phenanthrene-d10	12.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, 1,3-butadienyl-, (E)-	108	C8H12	080344-48-5	68
2		Cyclobutane, 1,3-butadienyl-, (Z)-	108	C8H12	080344-45-2	68
3		Cyclobutane, 1,2-bis(1,3-butadie...	160	C12H16	080344-53-2	59
4		1,2-Bis(3-cyclohexenyl)ethylene	188	C14H20	017527-28-5	59
5		1,3-Isobenzofurandione, 3a,4,7,7...	152	C8H8O3	013149-03-6	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
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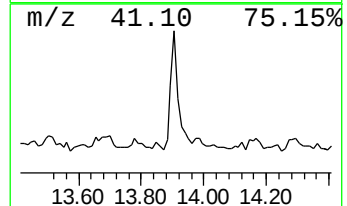
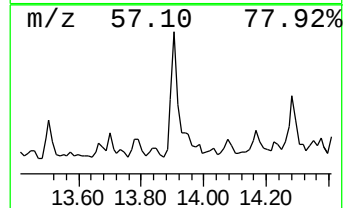
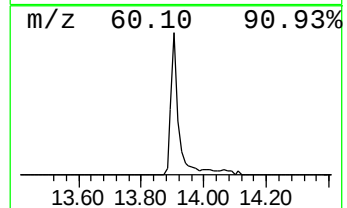
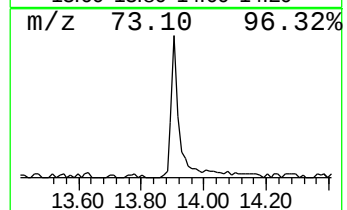
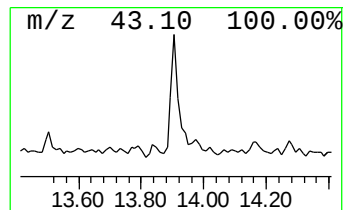
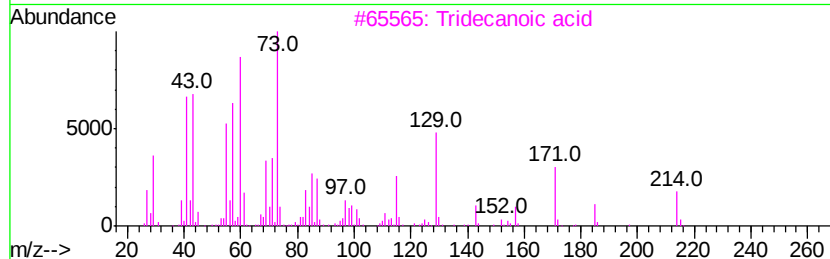
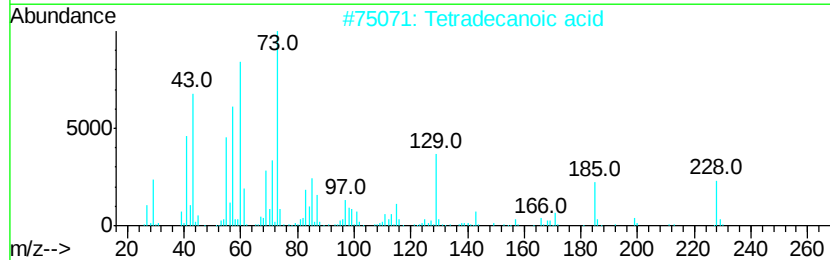
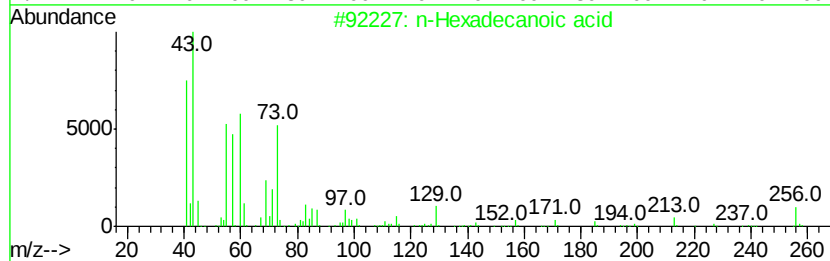
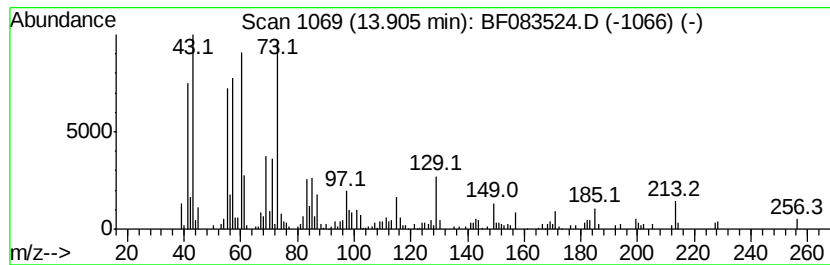
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	4.97 ng	328552	Phenanthrene-d10	12.85

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	95
3			Tridecanoic acid	214	C13H26O2	000638-53-9	95
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5			Dodecanoic acid	200	C12H24O2	000143-07-7	62



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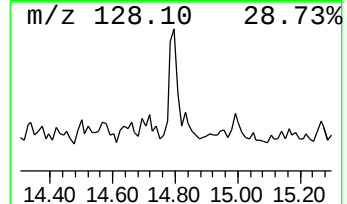
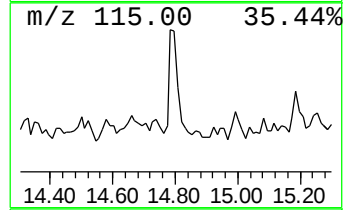
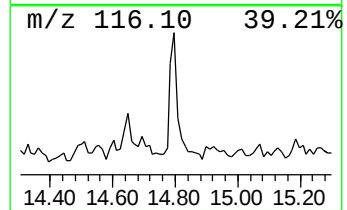
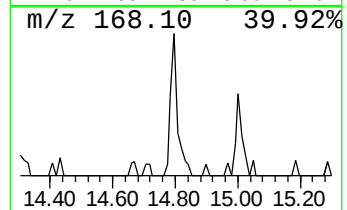
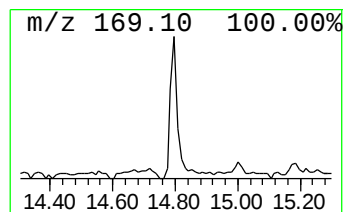
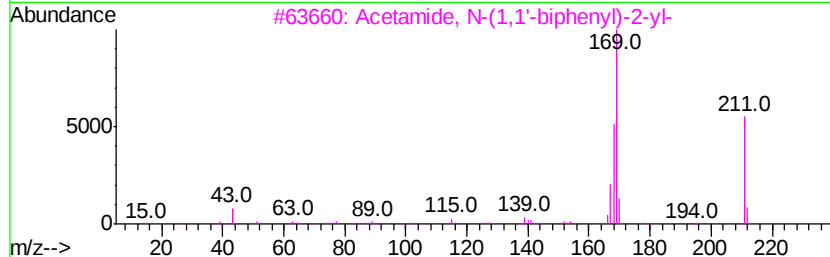
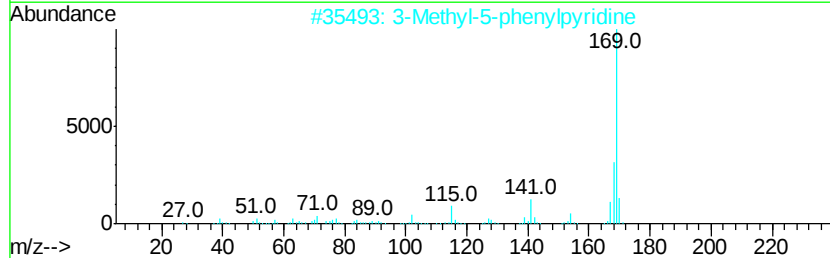
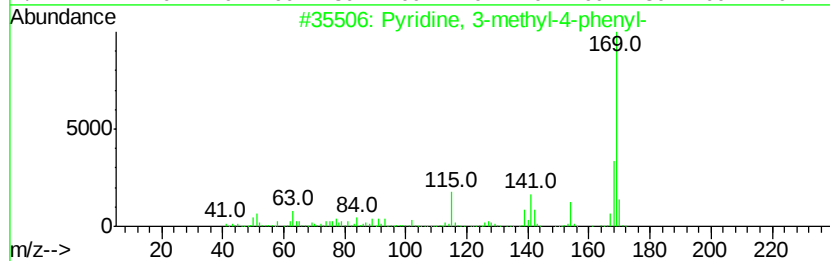
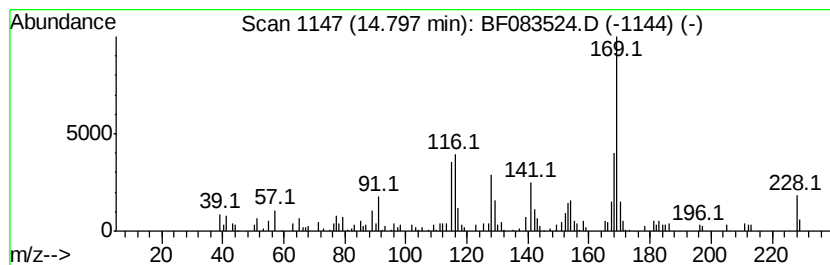
Instrument :
BNA_F
ClientSampleId :
20151124MGP212BRV74

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyridine, 3-methyl-4-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.80	2.39 ng	157903	Phenanthrene-d10	12.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pvridine, 3-methyl-4-phenyl-	169	C12H11N	002052-92-8	50
2	3-Methyl-5-phenylpvridine	169	C12H11N	010477-94-8	49
3	Acetamide, N-(1,1'-biphenyl)-2-yl-	211	C14H13NO	002113-47-5	49
4	4-(4-Methylphenyl)pvridine	169	C12H11N	004423-10-3	46
5	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
Data File : BF083524.D
Acq On : 6 Dec 2015 00:18
Operator : UM/IZ
Sample : G4595-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

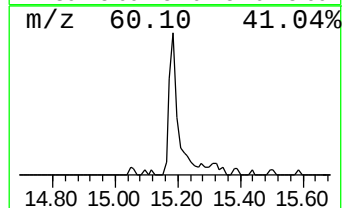
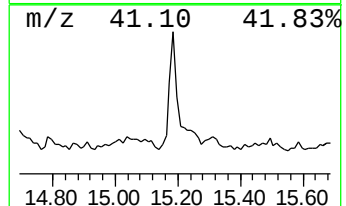
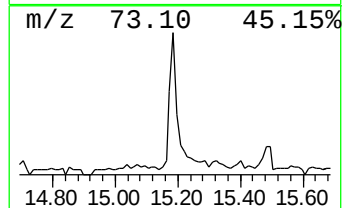
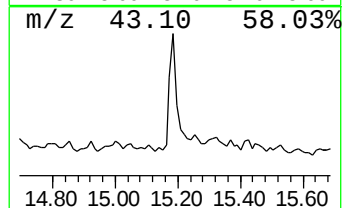
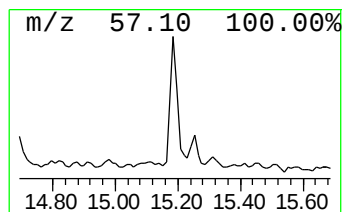
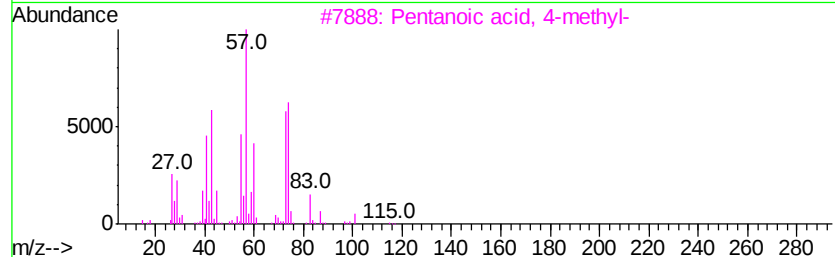
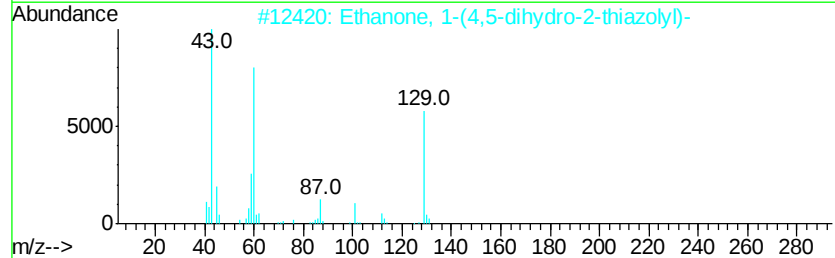
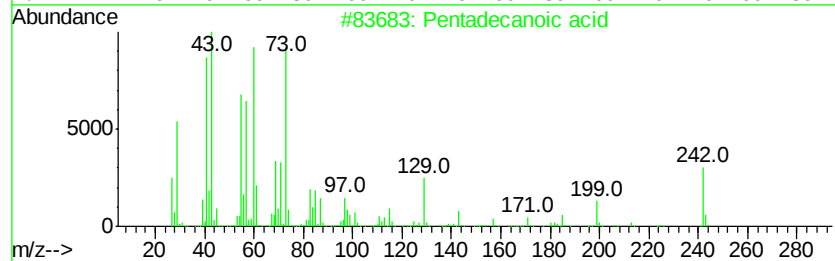
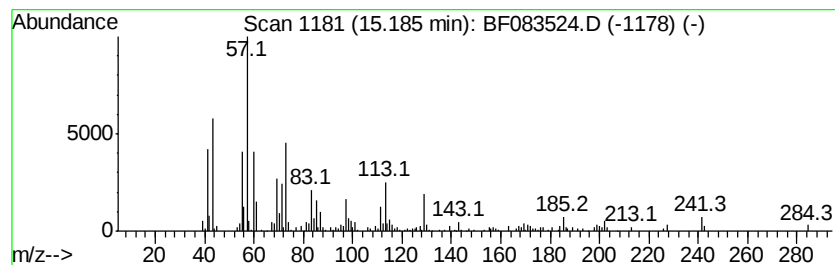
Instrument :
BNA_F
ClientSampleId :
20151124MGP212BRV74

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown15.19 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.19	4.83 ng	272400	Chrysene-d12		17.04
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
2	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	35
3	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	25
4	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	14
5	4-Methyl(pentamethylene)silyloxy...	312	C19H40OSi	1000278-78-7	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083524.D
Acq On : 6 Dec 2015 00:18
Operator : UM/IZ
Sample : G4595-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151124MGP212BRV74

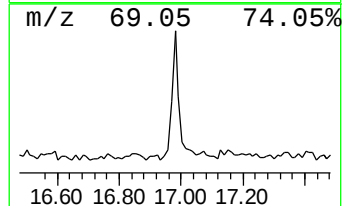
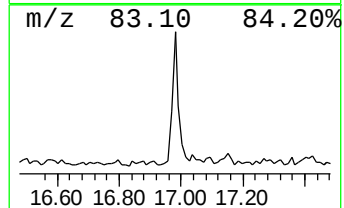
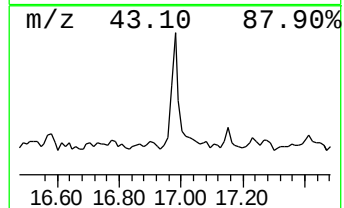
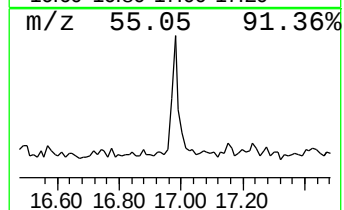
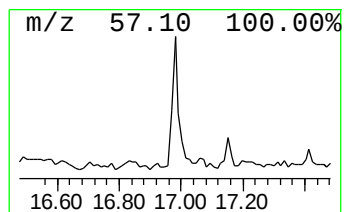
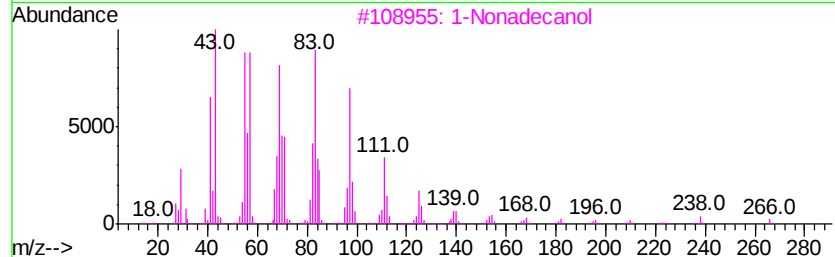
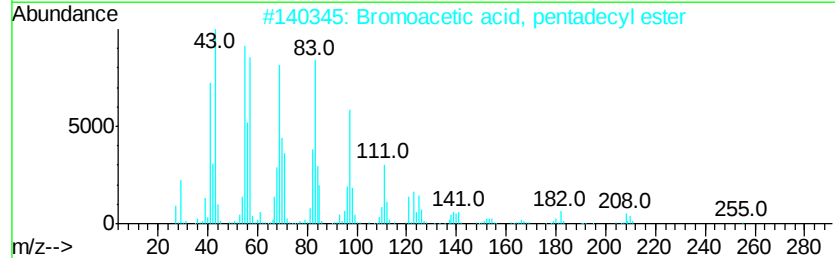
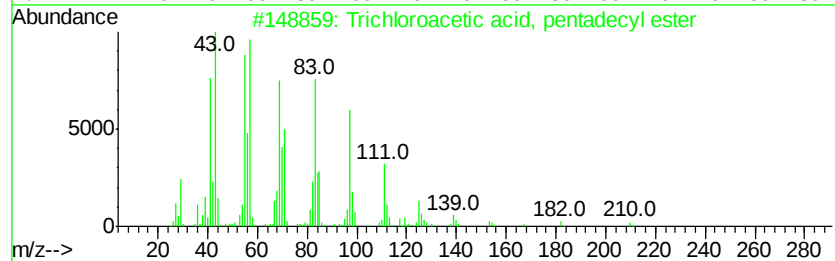
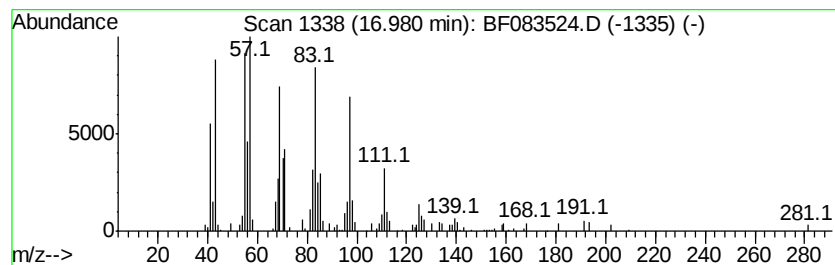
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Trichloroacetic acid, penta... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	2.45 ng	138032	Chrysene-d12	17.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2			Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
3			1-Nonadecanol	284	C19H40O	001454-84-8	91
4			11-Tricosene	322	C23H46	052078-56-5	91
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
 Data File : BF083524.D
 Acq On : 6 Dec 2015 00:18
 Operator : UM/IZ
 Sample : G4595-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP212BRV74

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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, tetrah...	3.15	4.0	ng	186971	1	5.77	938428	20.0
2-Pentanone, 4-hy...	3.58	8.0	ng	375162	1	5.77	938428	20.0
unknown5.46	5.46	81.4	ng	3818390	1	5.77	938428	20.0
4,7-Methano-1H-in...	5.93	13.9	ng	652557	1	5.77	938428	20.0
Bicyclo[2.2.2]oct...	6.78	2.3	ng	145372	2	7.66	1253470	20.0
Benzene,1-methyl-...	7.29	4.5	ng	282914	2	7.66	1253470	20.0
5-endo-(Hydroxyme...	7.39	6.2	ng	387471	2	7.66	1253470	20.0
Bicyclo[2.2.1]hep...	7.54	3.0	ng	186643	2	7.66	1253470	20.0
Benzo[b]thiophene	7.79	3.0	ng	189885	2	7.66	1253470	20.0
unknown9.01	9.01	4.3	ng	268441	2	7.66	1253470	20.0
1H-Pyrrole, 2-ethyl-	9.25	3.2	ng	280631	3	10.45	1745670	20.0
Biphenylene, 1,2,...	11.37	2.7	ng	238740	3	10.45	1745670	20.0
Pentadecane	12.08	2.4	ng	156954	4	12.85	1323320	20.0
Tricyclo[5.2.1.0(...	12.20	4.3	ng	281845	4	12.85	1323320	20.0
Cyclobutane, 1,3-...	12.40	2.6	ng	172040	4	12.85	1323320	20.0
n-Hexadecanoic acid	13.91	5.0	ng	328552	4	12.85	1323320	20.0
Pyridine, 3-methy...	14.80	2.4	ng	157903	4	12.85	1323320	20.0
unknown15.19	15.19	4.8	ng	272400	5	17.04	1128500	20.0
Trichloroacetic a...	16.98	2.5	ng	138032	5	17.04	1128500	20.0