

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084054.D
 Acq On : 24 Dec 2015 00:58
 Operator : UM/SJ
 Sample : G4907-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

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-BF122215.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	4.773	232	235	238	rBB	24952	29088	1.17%	0.099%
2	4.990	252	254	257	rVB2	31435	47018	1.89%	0.160%
3	5.321	281	283	285	rBV	25851	28804	1.16%	0.098%
4	5.436	292	293	299	rBV	262577	351119	14.12%	1.195%
5	5.527	299	301	304	rVV3	20644	27398	1.10%	0.093%
6	5.584	304	306	310	rVB3	19133	29630	1.19%	0.101%
7	5.653	310	312	313	rBV	21870	28991	1.17%	0.099%
8	5.687	313	315	316	rVV	33022	33300	1.34%	0.113%
9	5.721	316	318	321	rVB2	22216	34241	1.38%	0.117%
10	5.847	327	329	332	rVB	51283	53795	2.16%	0.183%
11	6.087	348	350	352	rVB2	22251	30553	1.23%	0.104%
12	6.133	352	354	358	rBV2	22485	34373	1.38%	0.117%
13	6.259	364	365	368	rBV	16528	25060	1.01%	0.085%
14	6.316	368	370	375	rVB2	58657	57637	2.32%	0.196%
15	6.384	375	376	378	rBV	66391	62908	2.53%	0.214%
16	6.419	378	379	381	rBV2	45479	70190	2.82%	0.239%
17	6.510	383	387	390	rBV2	162596	349625	14.06%	1.190%
18	6.567	390	392	393	rBV	40177	56360	2.27%	0.192%
19	6.601	393	395	398	rVB	655041	768288	30.89%	2.615%
20	6.659	399	400	402	rBV2	22930	29877	1.20%	0.102%
21	6.693	402	403	406	rBV3	58069	118508	4.76%	0.403%
22	6.739	406	407	408	rBV	73296	79062	3.18%	0.269%
23	6.773	408	410	412	rVB2	81474	131164	5.27%	0.446%
24	6.819	412	414	419	rBV	358787	501945	20.18%	1.708%
25	6.887	419	420	425	rVB	89163	103630	4.17%	0.353%
26	6.979	425	428	430	rBV2	911000	946691	38.06%	3.222%
27	7.024	430	432	433	rBV	207223	228863	9.20%	0.779%
28	7.059	433	435	437	rVB	54808	90068	3.62%	0.307%
29	7.093	437	438	441	rVB3	33988	65181	2.62%	0.222%
30	7.173	441	445	447	rVB3	101292	211965	8.52%	0.721%
31	7.230	447	450	451	rBV2	134541	151037	6.07%	0.514%
32	7.264	451	453	456	rVB2	99937	150047	6.03%	0.511%
33	7.356	456	461	462	rBV3	131756	286392	11.51%	0.975%
34	7.390	462	464	465	rBV	537341	607723	24.43%	2.068%

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35	7.413	465	466	467 rBV	85348	65352	2.63%	0.222%
36	7.447	467	469	470 rVB2	144891	175428	7.05%	0.597%
37	7.504	472	474	477 rBV5	135389	212390	8.54%	0.723%
38	7.562	477	479	481 rVB2	194088	322612	12.97%	1.098%
39	7.607	481	483	484 rBV	144022	187122	7.52%	0.637%
40	7.630	484	485	488 rBV2	177905	233307	9.38%	0.794%
41	7.699	488	491	492 rVB	325329	321715	12.93%	1.095%
42	7.722	492	493	495 rVB2	211407	249559	10.03%	0.849%
43	7.756	495	496	497 rBV	81854	96853	3.89%	0.330%
44	7.790	497	499	501 rBV	370775	350645	14.10%	1.193%
45	7.859	501	505	507 rBV4	180051	482554	19.40%	1.642%
46	7.950	508	513	516 rBV5	370088	1033223	41.54%	3.517%
47	8.042	518	521	524 rVB4	244109	664285	26.71%	2.261%
48	8.110	524	527	530 rBV	589322	933731	37.54%	3.178%
49	8.167	530	532	534 rBV3	129988	242876	9.76%	0.827%
50	8.236	534	538	542 rVB7	361207	1078258	43.35%	3.670%
51	8.293	542	543	547 rVB4	203895	390141	15.68%	1.328%
52	8.362	547	549	550 rBV2	317783	532212	21.40%	1.811%
53	8.396	550	552	553 rBV2	200392	267041	10.74%	0.909%
54	8.499	560	561	563 rBV2	385444	396891	15.96%	1.351%
55	8.579	565	568	570 rBV3	508018	1253084	50.38%	4.265%
56	8.659	574	575	577 rVB	491440	554122	22.28%	1.886%
57	8.750	581	583	585 rVB2	530227	697137	28.03%	2.373%
58	8.830	588	590	591 rVB	252251	271913	10.93%	0.925%
59	8.899	594	596	600 rVB3	852298	1557796	62.63%	5.302%
60	9.013	600	606	608 rBV4	807805	2487384	100.00%	8.466%
61	9.116	613	615	617 rBV3	349352	646743	26.00%	2.201%
62	9.173	617	620	621 rVV2	762230	1204006	48.40%	4.098%
63	9.196	621	622	624 rVB2	1002312	942913	37.91%	3.209%
64	9.310	630	632	633 rBV	399699	555932	22.35%	1.892%
65	9.390	636	639	640 rBV2	540028	1163513	46.78%	3.960%
66	9.585	654	656	657 rBV	383724	539519	21.69%	1.836%
67	9.870	679	681	683 rBV2	436476	561547	22.58%	1.911%
68	11.882	855	857	861 rBV3	250465	559245	22.48%	1.903%
69	12.705	927	929	948 rVB5	269719	1178923	47.40%	4.012%
70	12.945	948	950	952 rVB	682381	668474	26.87%	2.275%
71	13.996	1040	1042	1045 rVB	252309	242110	9.73%	0.824%

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72	15.425	1165	1167	1170	rVB	192982	240551	9.67%	0.819%
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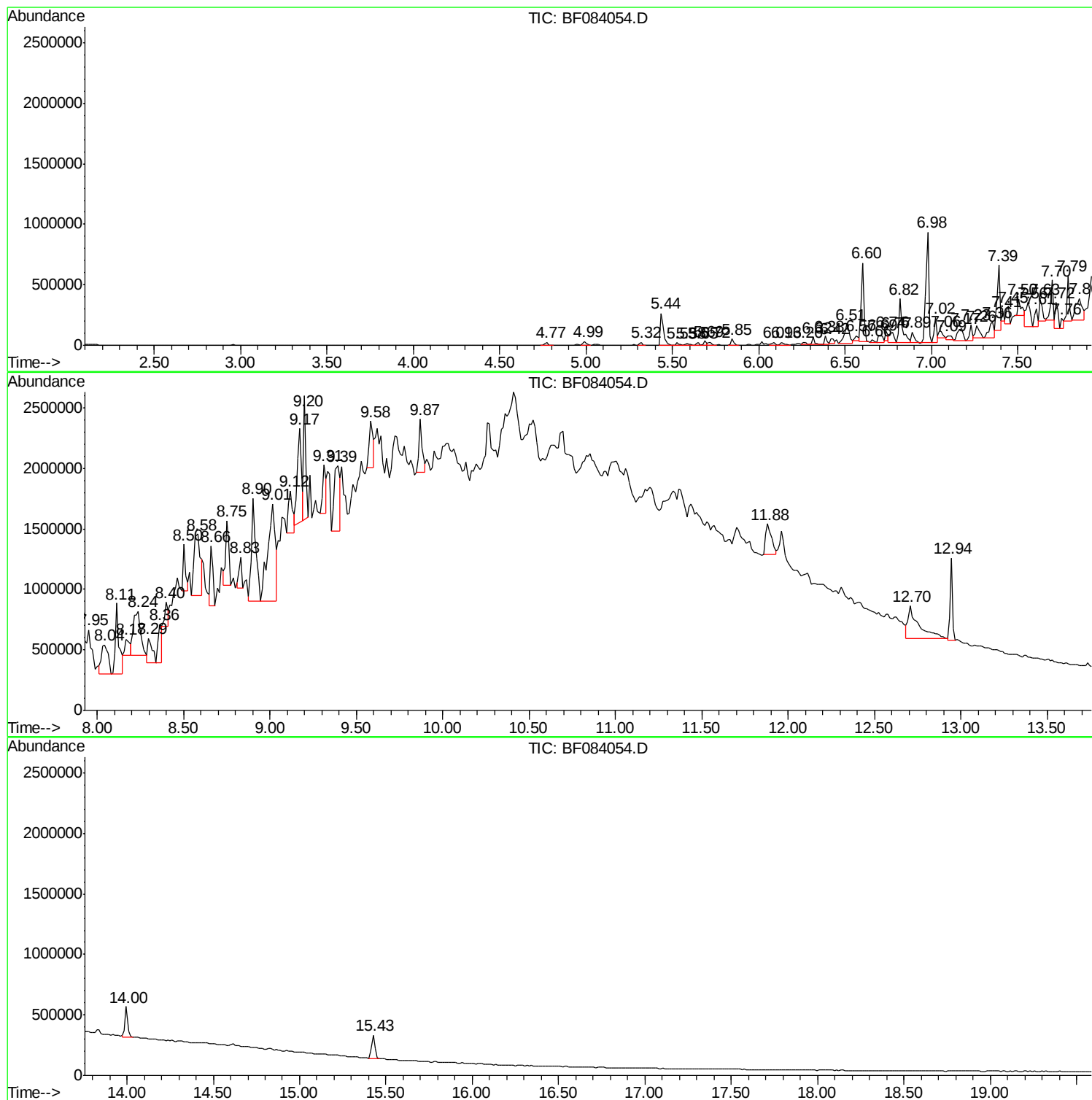
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : G4907-05
Misc :
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Instrument :
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ClientSampleId :
MW-12

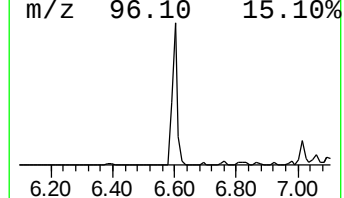
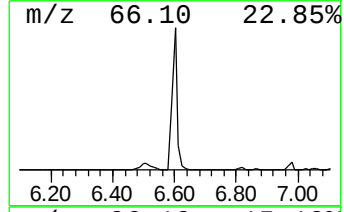
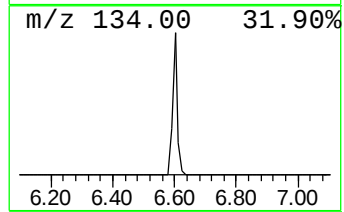
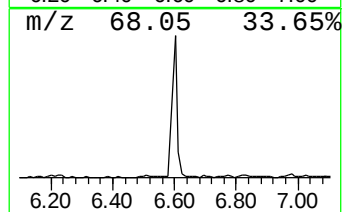
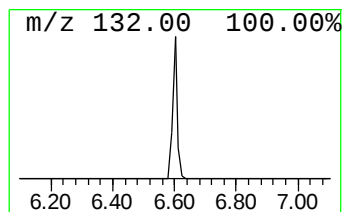
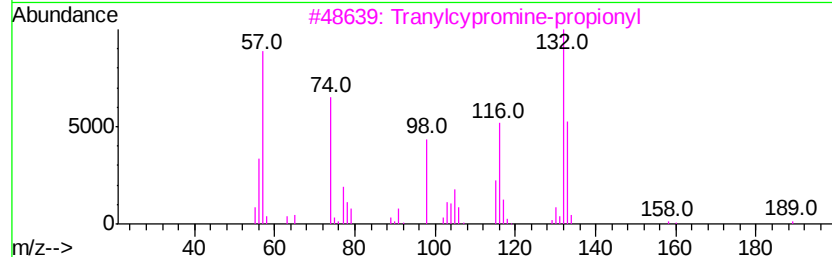
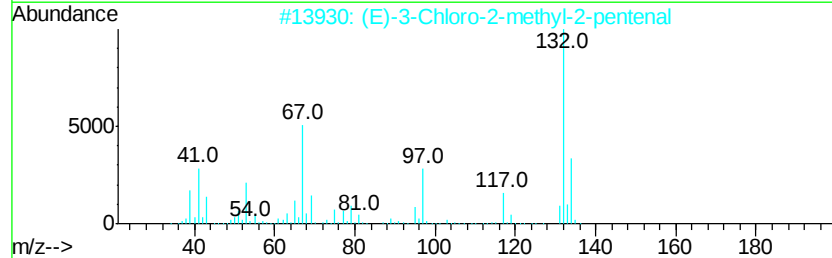
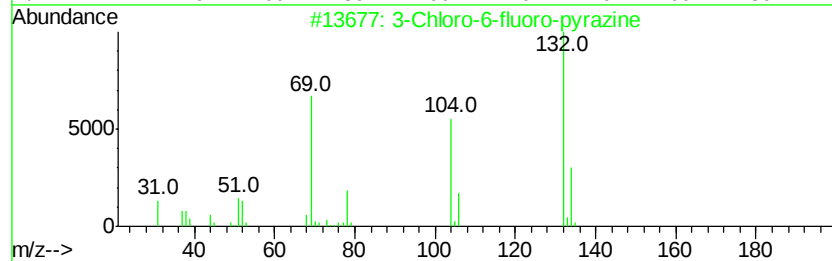
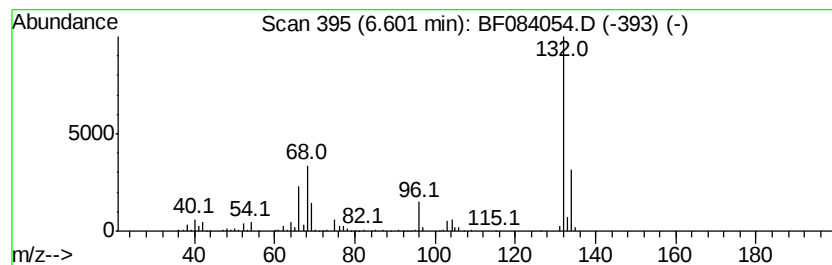
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.60 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	30.61 ng	768288	1,4-Dichlorobenzene-d4	6.82

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		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9



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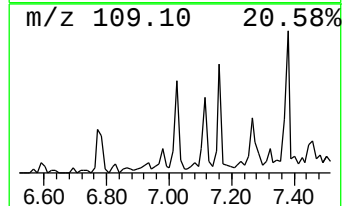
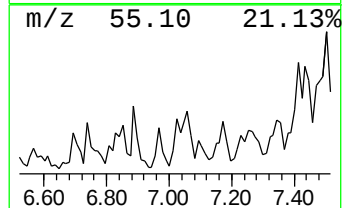
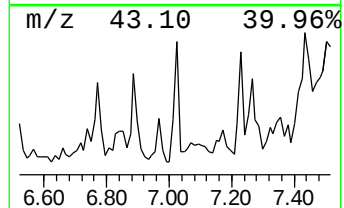
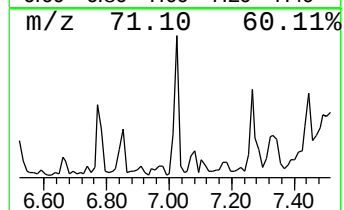
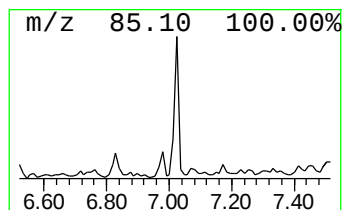
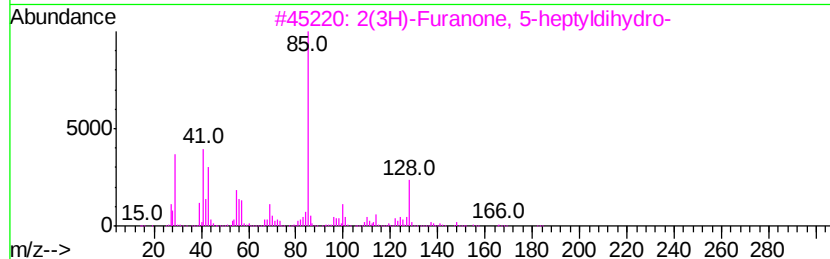
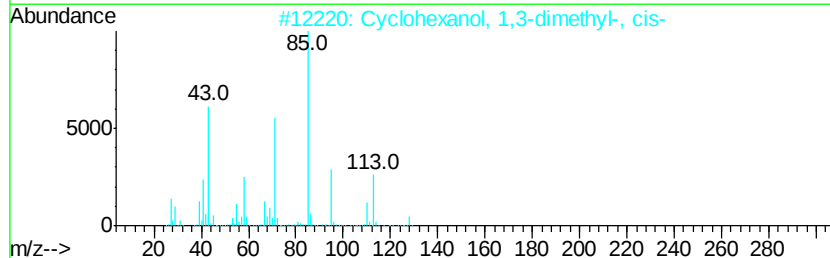
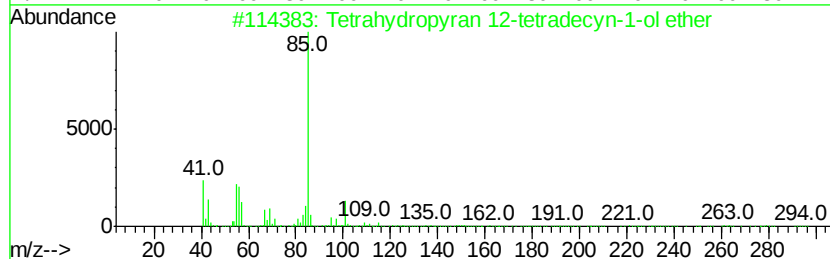
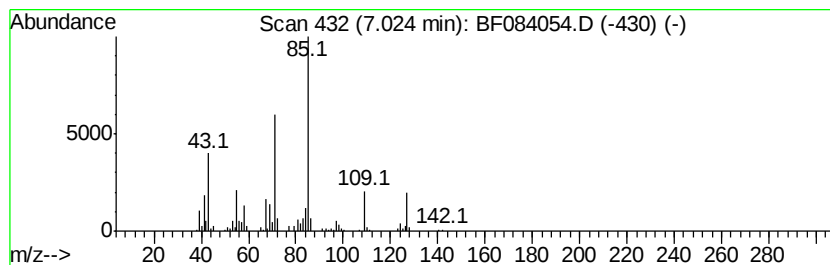
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	9.12 ng	228863	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrahydropyran 12-tetradecyn-1-...	294	C19H34O2	096249-40-0	43
2		Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	40
3		2(3H)-Furanone, 5-heptyldihydro-	184	C11H20O2	000104-67-6	37
4		2(3H)-Furanone, 5-butyldihydro-	142	C8H14O2	000104-50-7	35
5		2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	35



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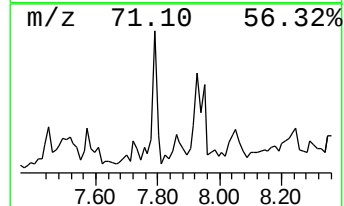
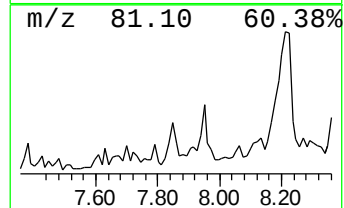
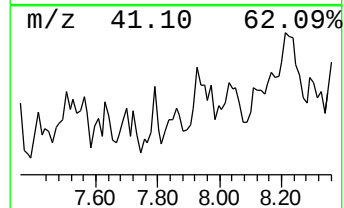
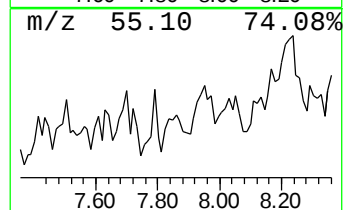
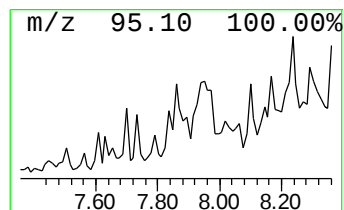
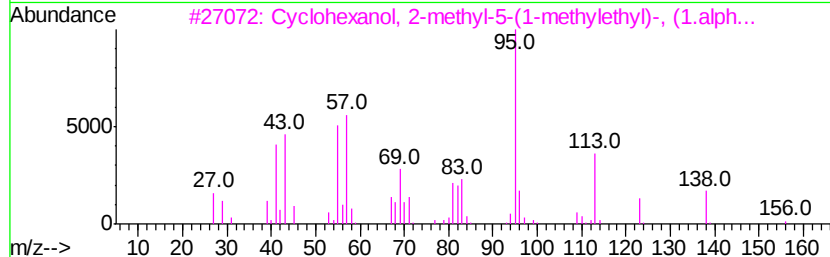
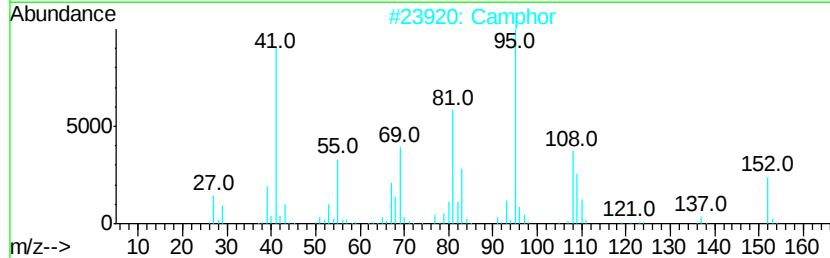
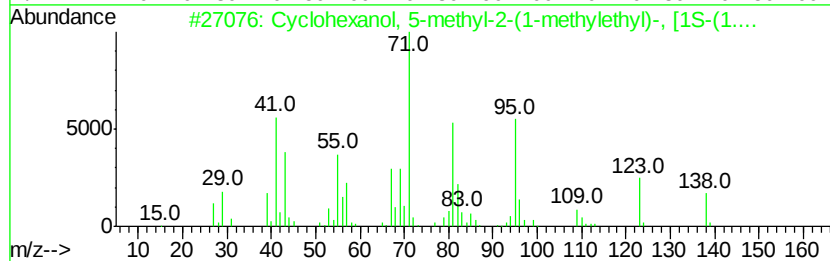
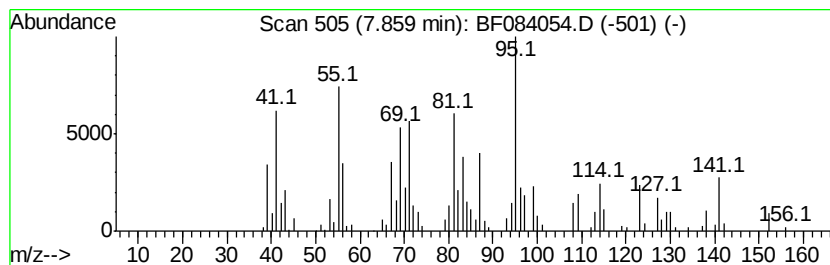
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Peak Number 4 unknown7.86 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	10.34 ng	482554	Napthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	38
2		Camphor	152	C10H16O	000076-22-2	30
3		Cyclohexanol, 2-methyl-5-(1-meth...	156	C10H20O	042846-32-2	27
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	27
5		Cyclohexanol, 5-methyl-2-(1-meth...	198	C12H22O2	002230-87-7	27



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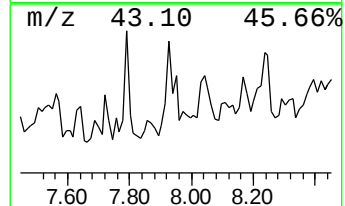
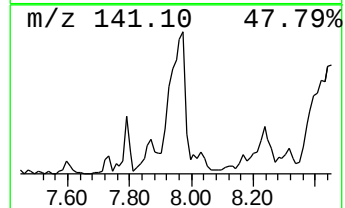
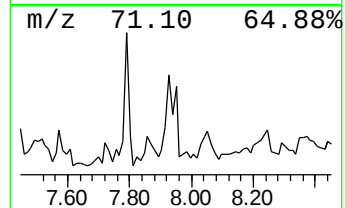
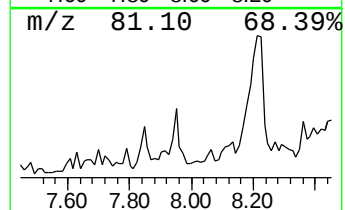
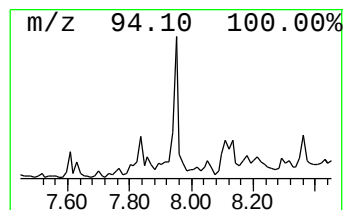
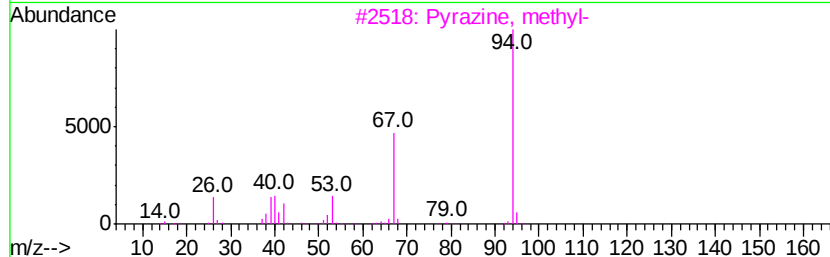
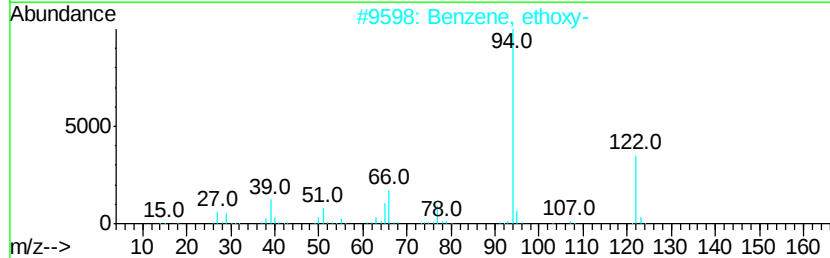
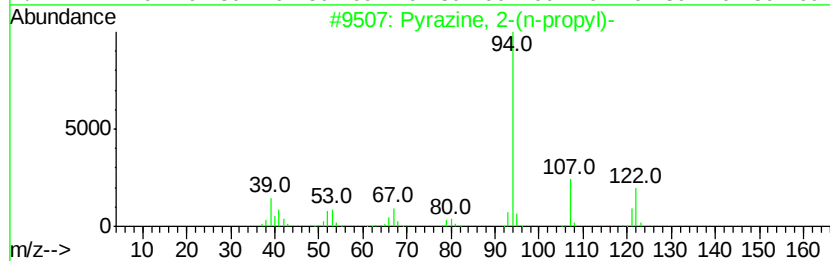
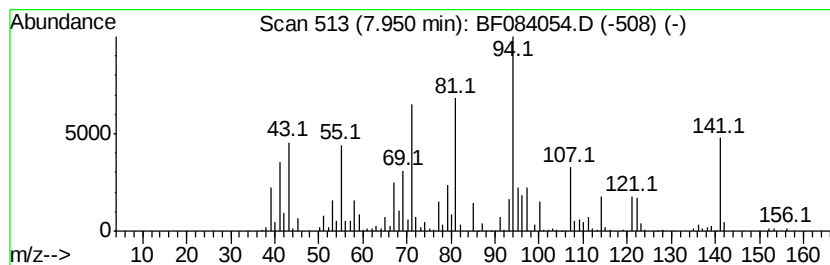
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Peak Number 5 unknown7.95 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	22.13 ng	1033220	Napthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrazine, 2-(n-propyl)-	122	C7H10N2	018138-03-9	35
2		Benzene, ethoxy-	122	C8H10O	000103-73-1	22
3		Pyrazine, methyl-	94	C5H6N2	000109-08-0	14
4		Acetic acid, phenyl ester	136	C8H8O2	000122-79-2	14
5		Pyrimidine, 5-methyl-	94	C5H6N2	002036-41-1	14



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Data File : BF084054.D
Acq On : 24 Dec 2015 00:58
Operator : UM/SJ
Sample : G4907-05
Misc :
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Instrument :
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ClientSampleId :
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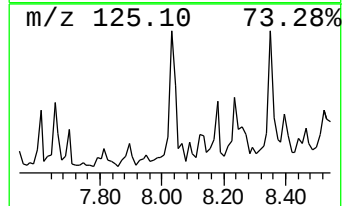
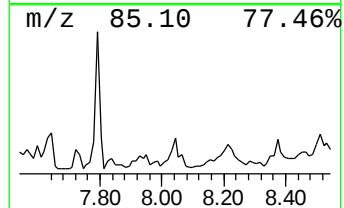
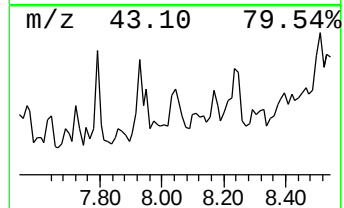
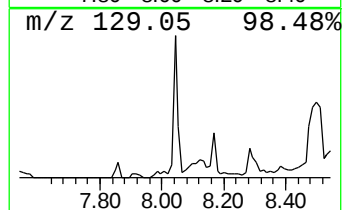
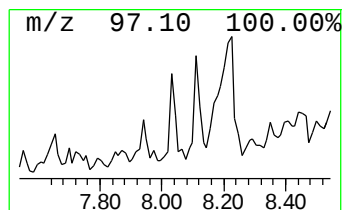
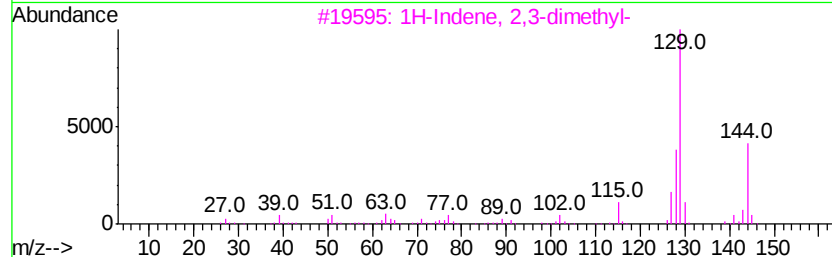
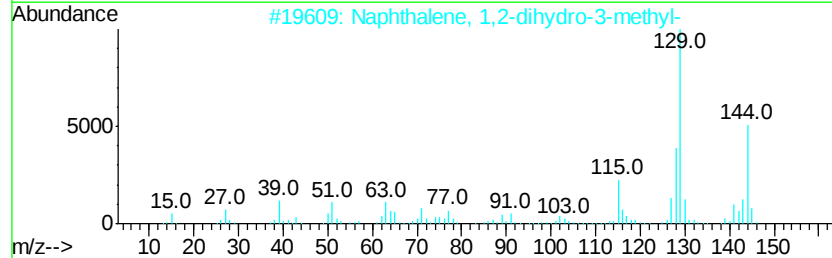
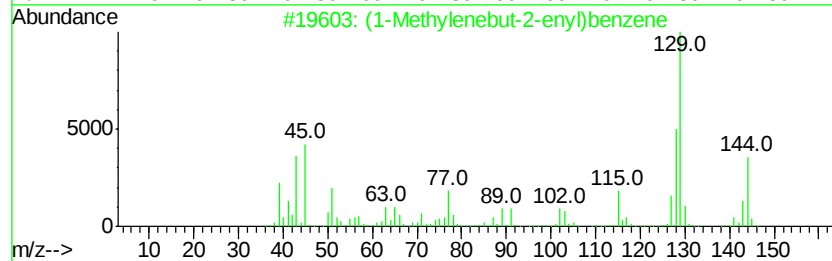
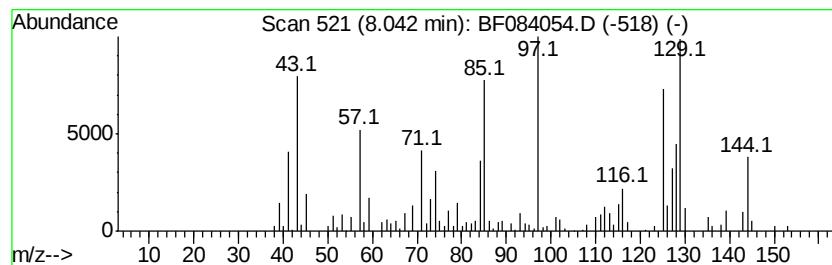
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	14.23 ng	664285	Naphthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	47
2		Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	38
3		1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	38
4		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	35
5		(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	35



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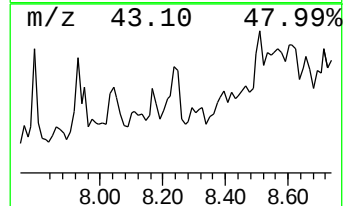
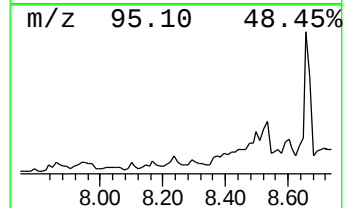
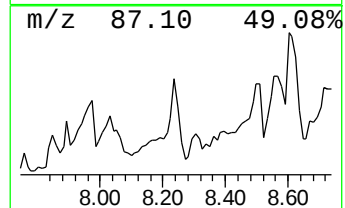
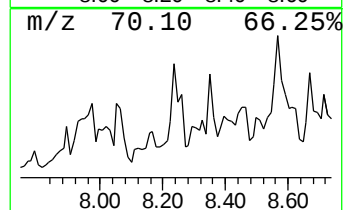
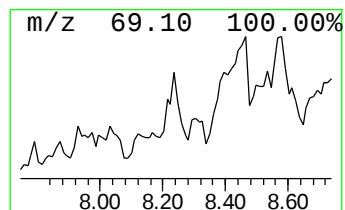
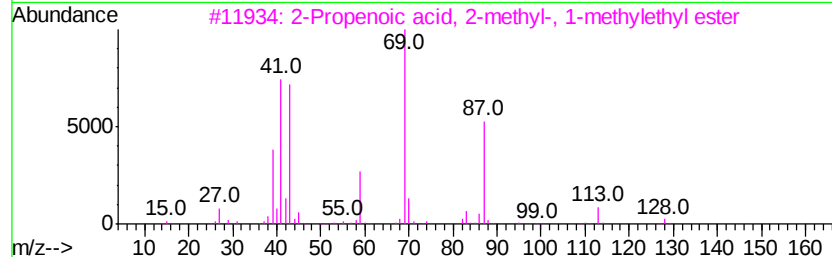
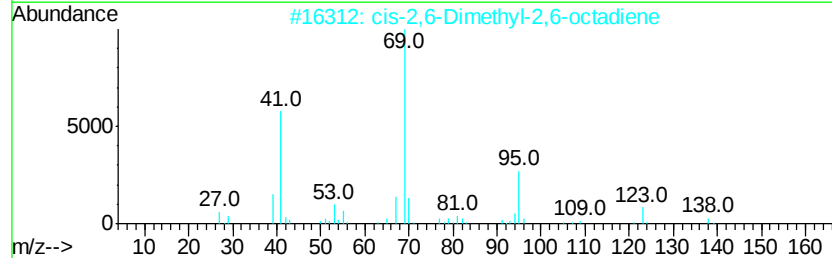
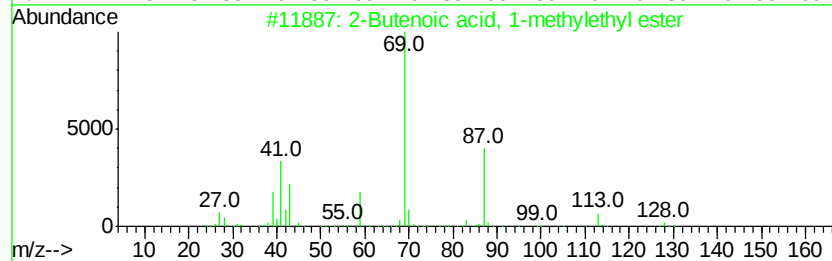
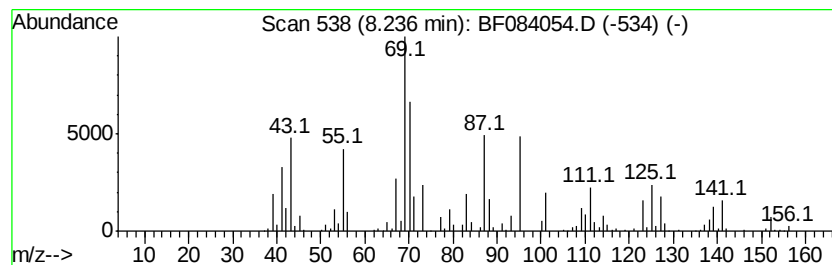
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.24 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	23.10 ng	1078260	Napthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butenoic acid, 1-methylethyl e...	128	C7H12O2	018060-77-0	27
2		cis-2,6-Dimethyl-2,6-octadiene	138	C10H18	002492-22-0	27
3		2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	27
4		Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	25
5		2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	25



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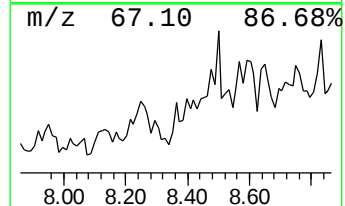
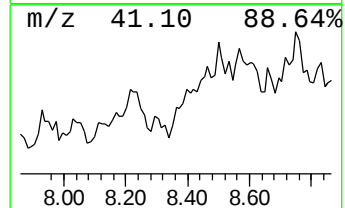
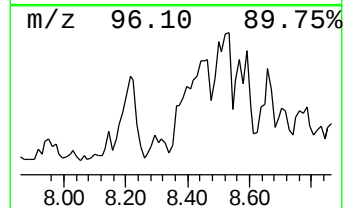
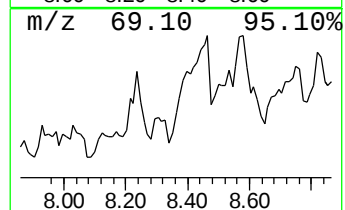
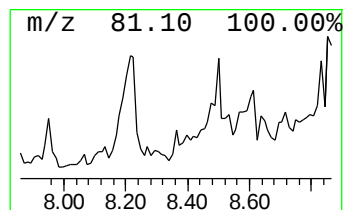
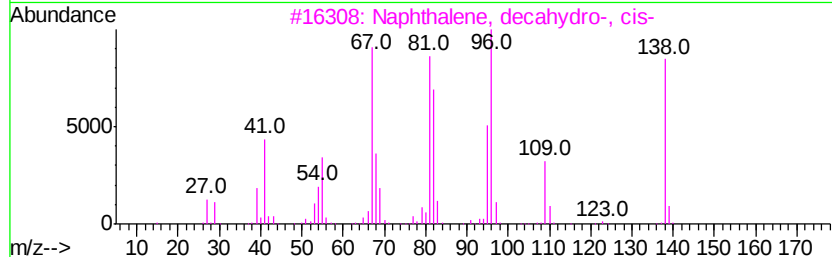
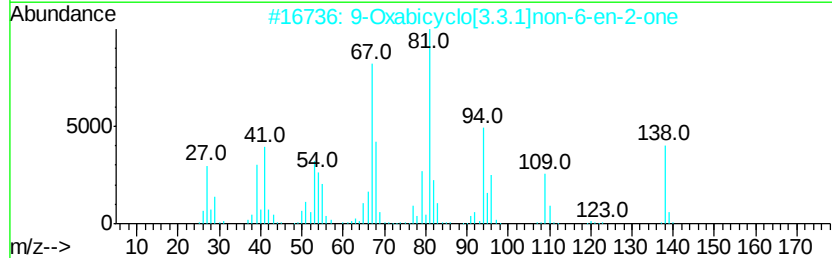
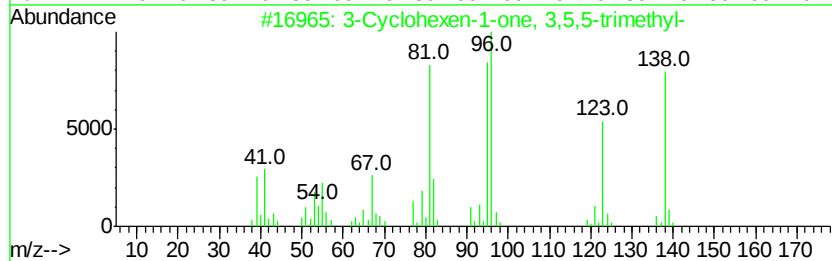
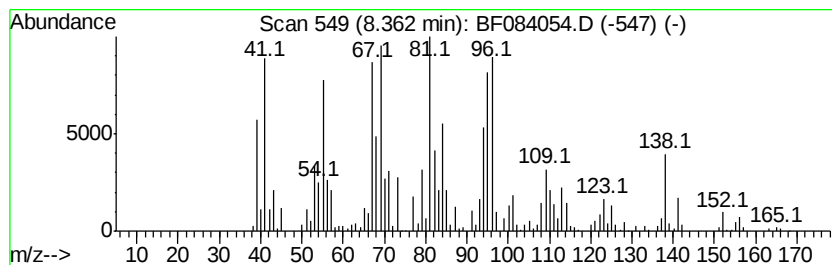
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 3-Cyclohexen-1-one, 3,5,5-t... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	11.40 ng	532212	Naphthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000471-01-2	89
2		9-Oxabicyclo[3.3.1]non-6-en-2-one	138	C8H10O2	1000190-61-5	64
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	60
4		endo-2-Methylbicyclo[3.3.1]nonane	138	C10H18	042558-37-2	58
5		Spiro[4.5]decane	138	C10H18	000176-63-6	55



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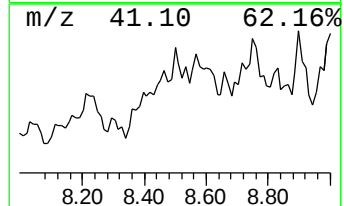
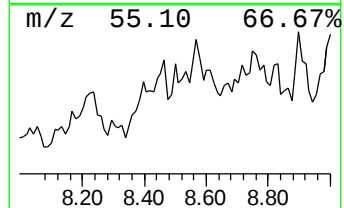
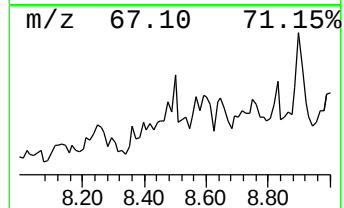
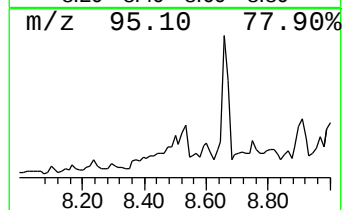
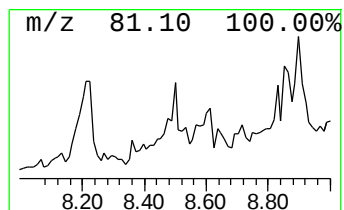
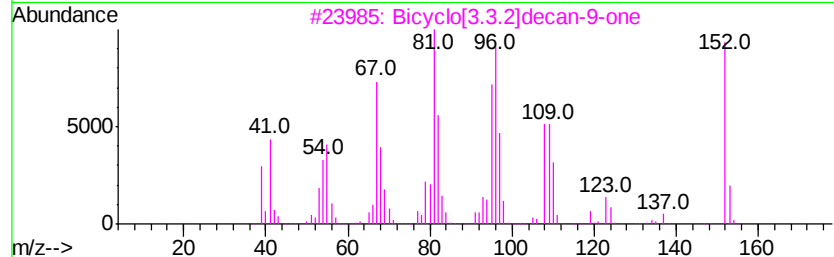
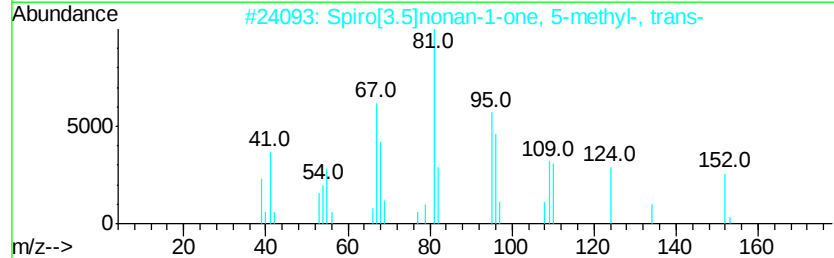
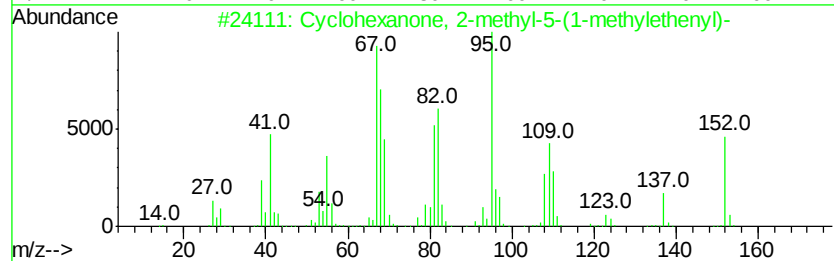
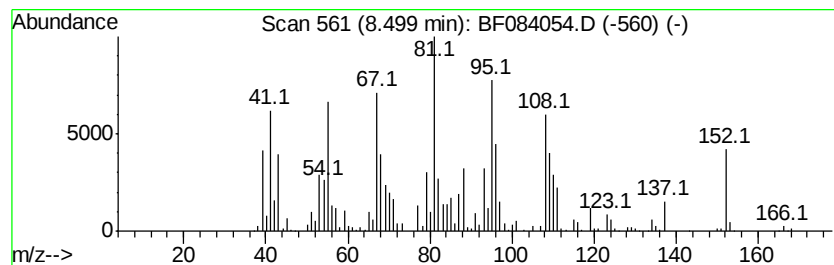
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexanone, 2-methyl-5-(... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	8.50 ng	396891	Naphthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	64
2		Spiro[3.5]nonan-1-one, 5-methyl-...	152	C10H16O	065147-56-0	64
3		Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	62
4		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	50
5		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	49



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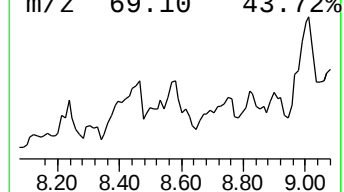
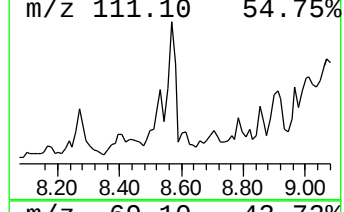
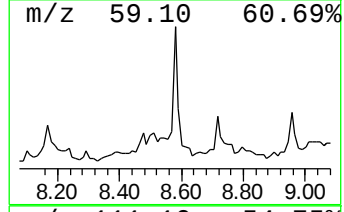
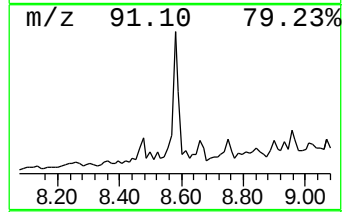
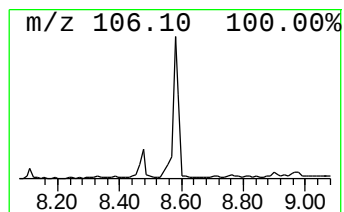
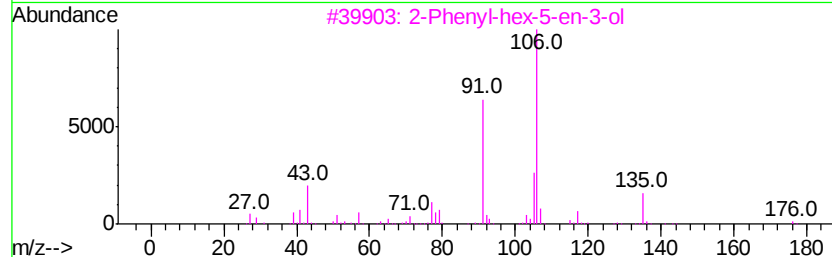
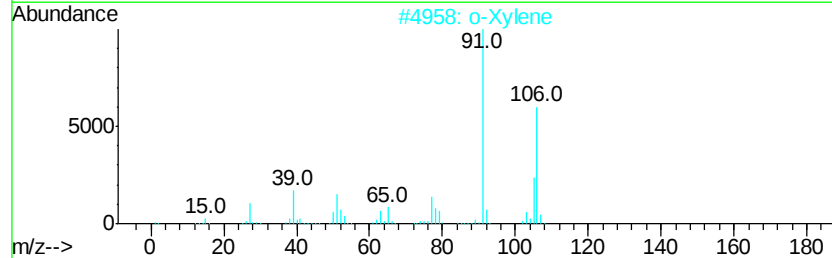
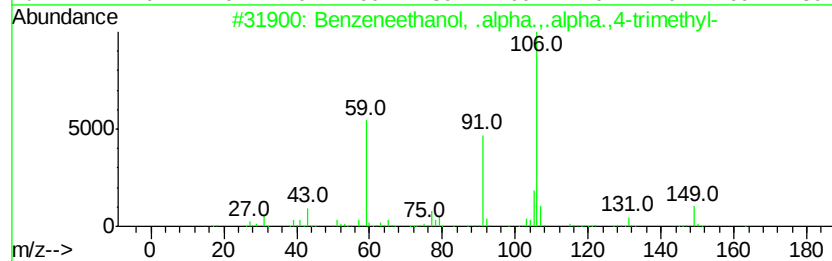
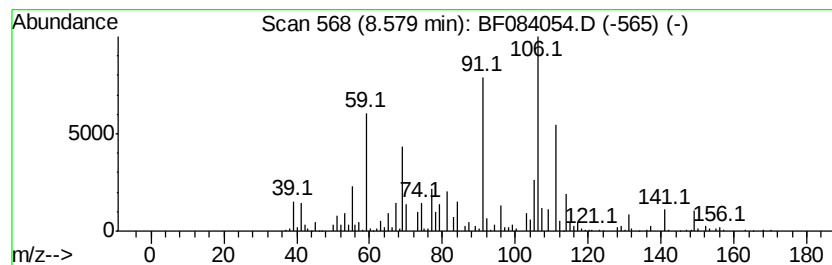
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzeneethanol, .alpha.,.al... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	26.84 ng	1253080	Napthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneethanol, .alpha.,.alpha.,...	164	C11H16O	020834-59-7	50
2		o-Xylene	106	C8H10	000095-47-6	38
3		2-Phenvl-hex-5-en-3-ol	176	C12H16O	077383-06-3	38
4		Benzeneethanol, .alpha.,.beta.-d...	150	C10H14O	052089-32-4	35
5		p-Xylene	106	C8H10	000106-42-3	30



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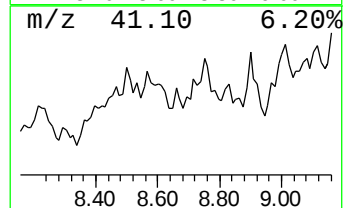
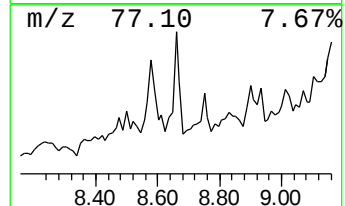
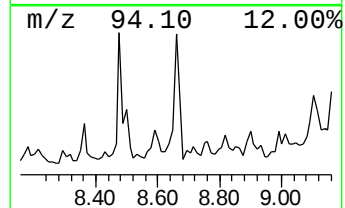
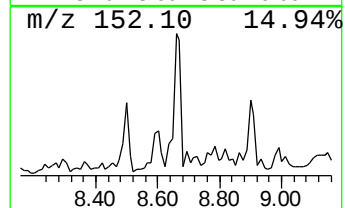
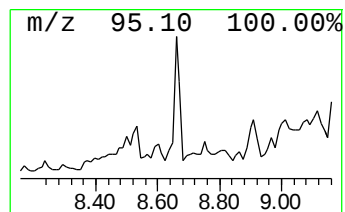
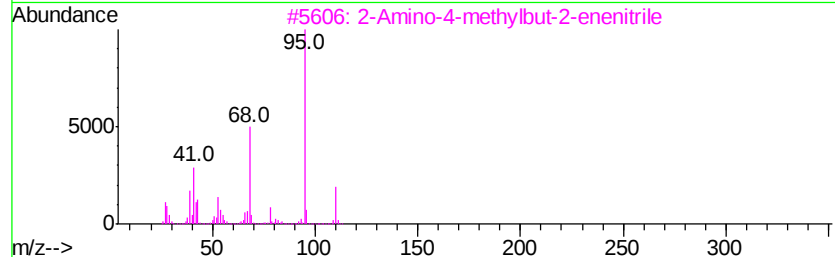
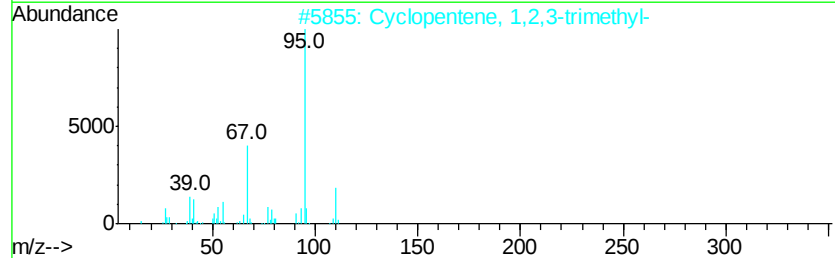
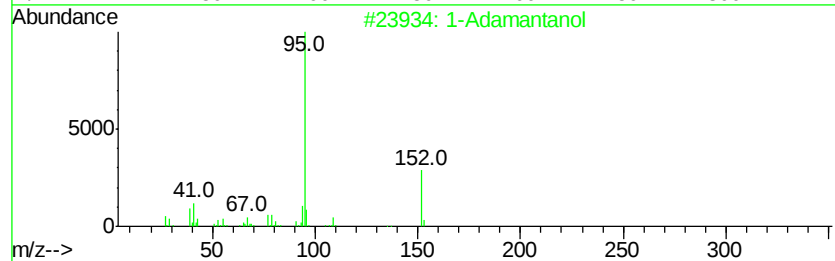
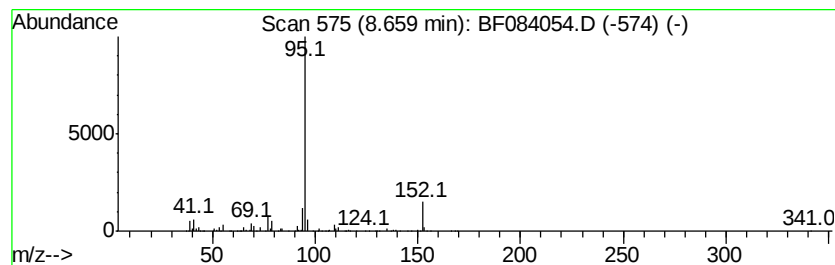
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown8.66 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	11.87 ng	554122	Naphthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Adamantanol	152	C10H16O	000768-95-6	46
2		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	38
3		2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	38
4		Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	38
5		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38



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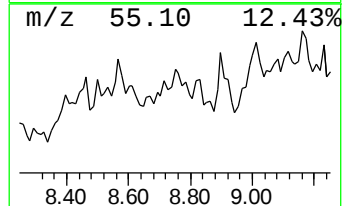
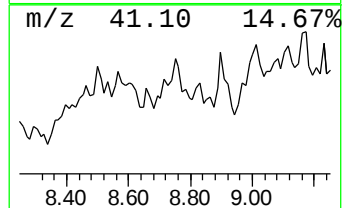
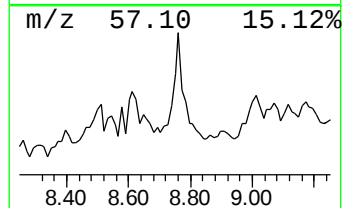
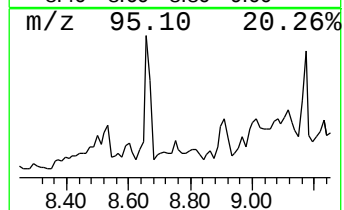
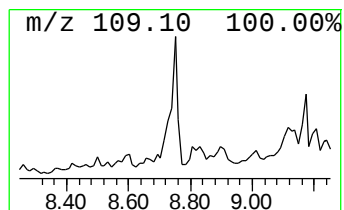
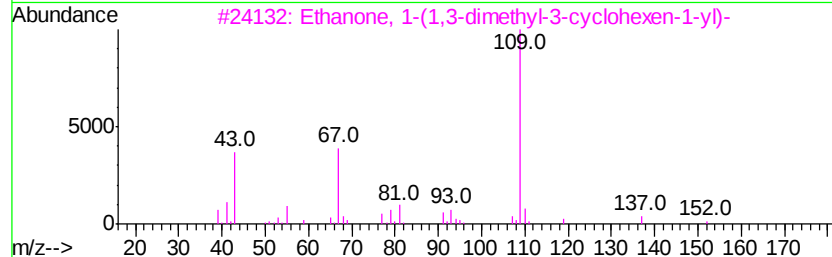
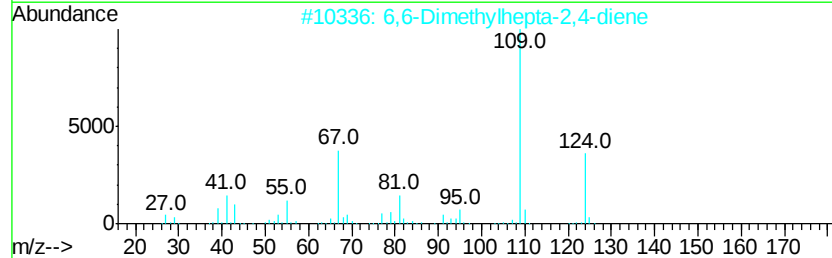
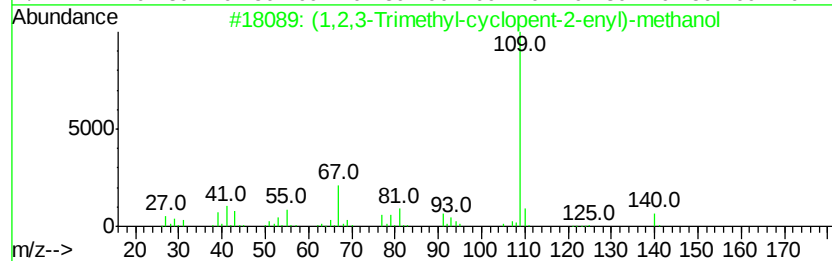
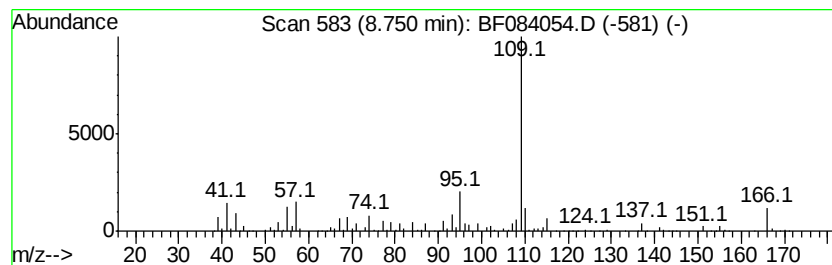
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 (1,2,3-Trimethyl-cyclopent-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	14.93 ng	697137	Napthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1,2,3-Trimethyl-cyclopent-2-enyl-...	140	C9H16O	1000190-91-3	50
2		6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	47
3		Ethanone, 1-(1,3-dimethyl-3-cycl...	152	C10H16O	051733-68-7	42
4		trans-8a-Methylperhydroazulen-4(...	166	C11H18O	032166-45-3	42
5		Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084054.D
Acq On : 24 Dec 2015 00:58
Operator : UM/SJ
Sample : G4907-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12

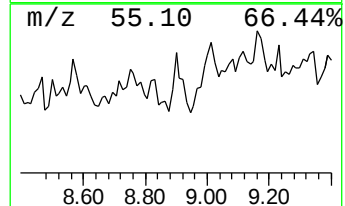
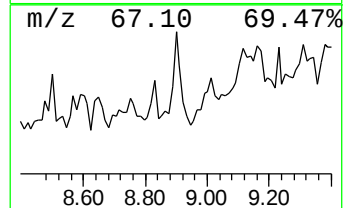
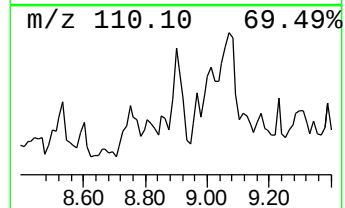
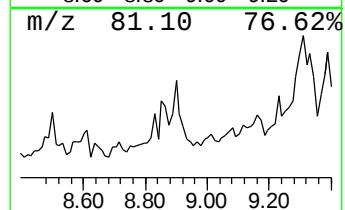
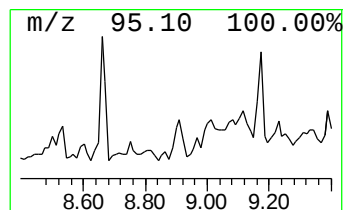
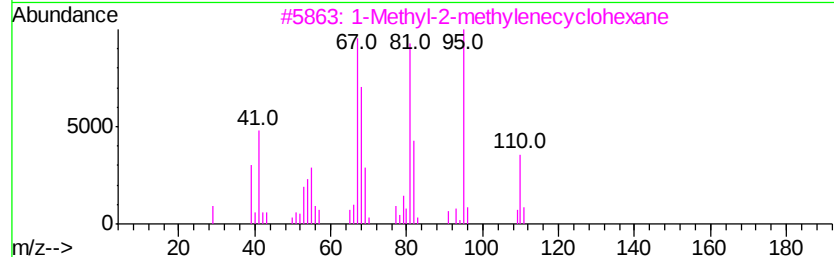
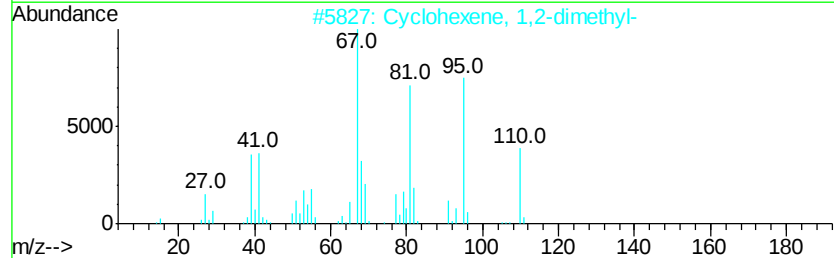
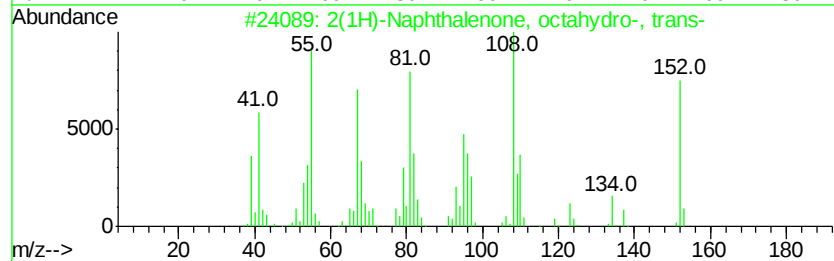
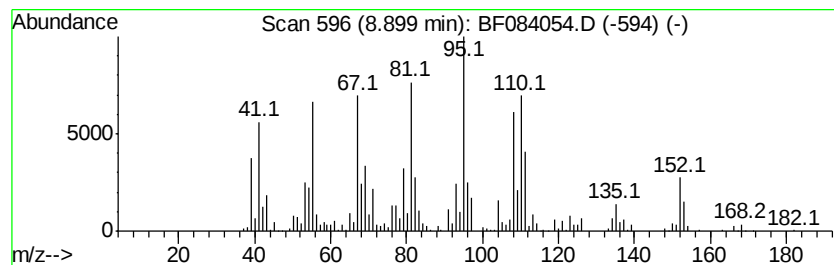
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2(1H)-Naphthalenone, octahydro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	33.37 ng	1557800	Naphthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Naphthalenone, octahydro-, ...	152	C10H16O	016021-08-2	93
2		Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	64
3		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	52
4		Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	52
5		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084054.D
Acq On : 24 Dec 2015 00:58
Operator : UM/SJ
Sample : G4907-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12

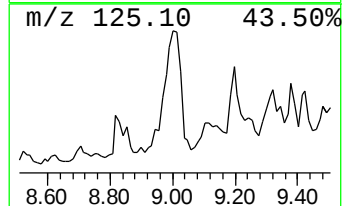
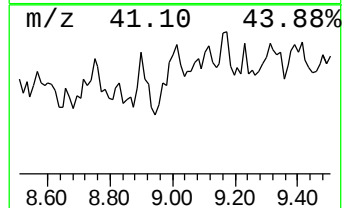
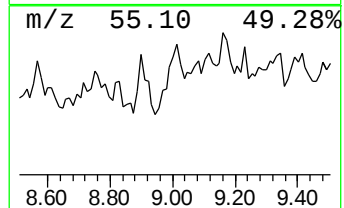
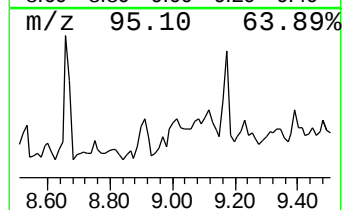
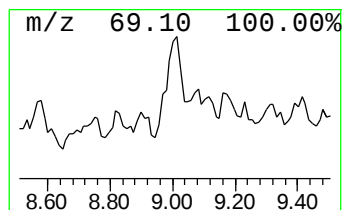
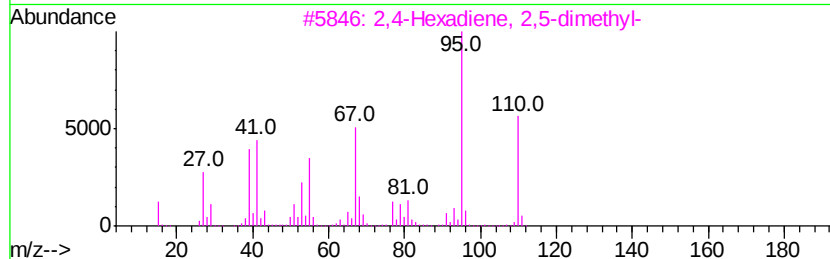
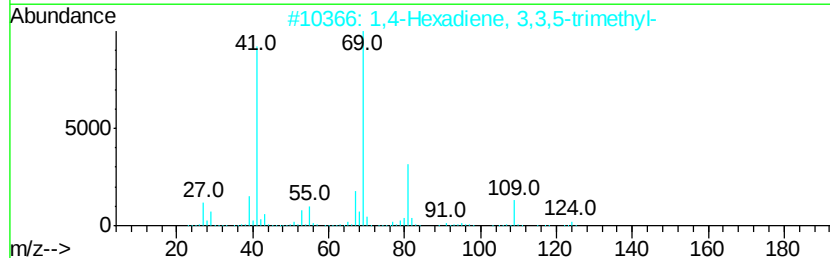
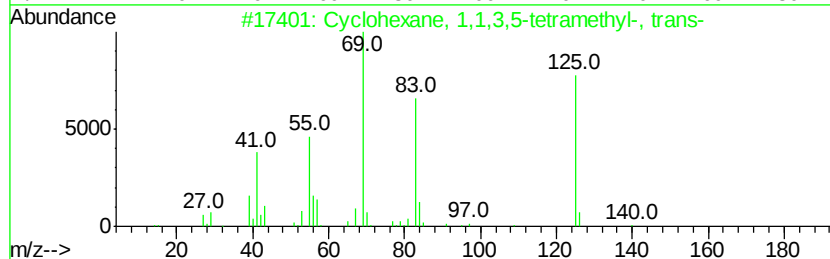
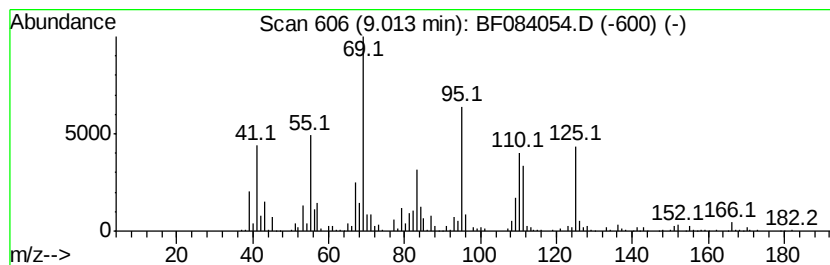
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	88.59 ng	2487380	Acenaphthene-d10	9.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
2			1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	30
3			2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	30
4			1-Hexyn-3-ol, 3,5-dimethyl-	126	C8H14O	000107-54-0	27
5			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084054.D
Acq On : 24 Dec 2015 00:58
Operator : UM/SJ
Sample : G4907-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
MW-12

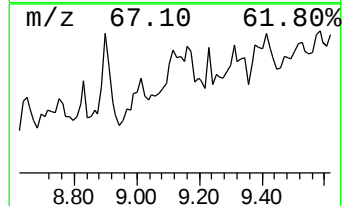
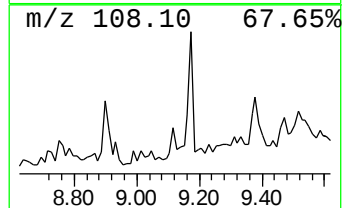
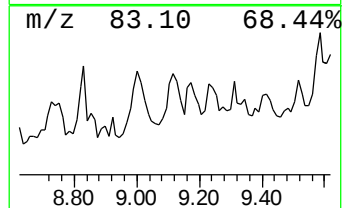
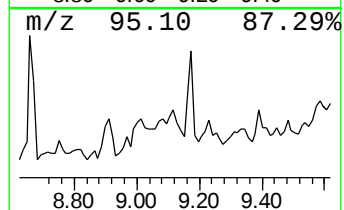
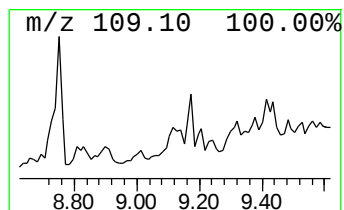
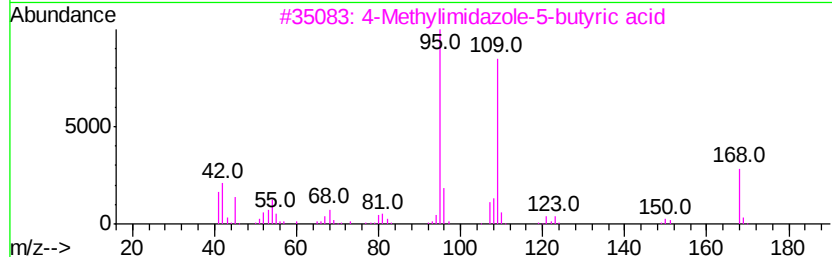
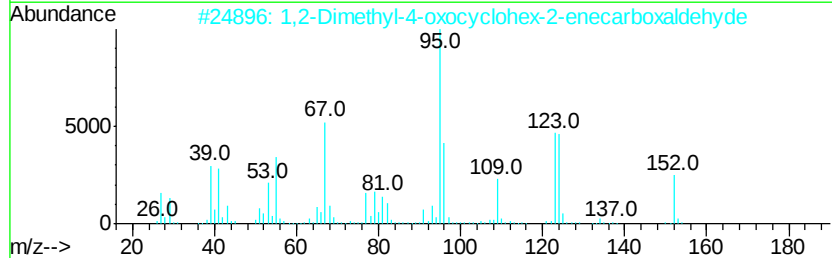
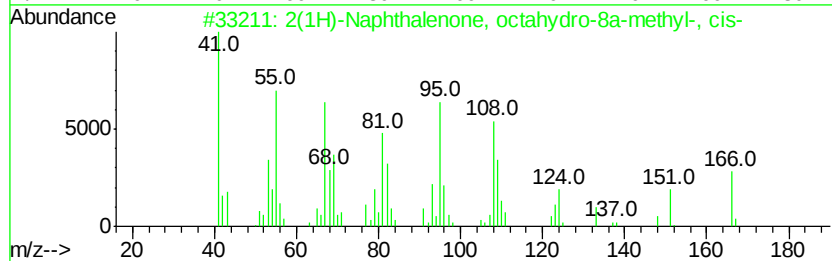
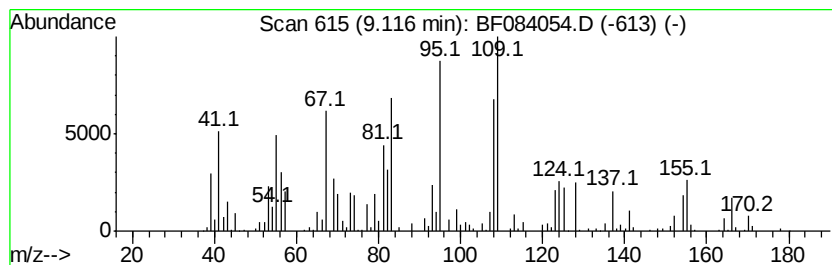
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.12 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	23.03 ng	646743	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	002530-17-8	41
2		1,2-Dimethyl-4-oxocyclohex-2-ene...	152	C9H12O2	1000187-01-2	38
3		4-Methylimidazole-5-butyrac acid	168	C8H12N2O2	1000129-14-7	35
4		1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	25
5		2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084054.D
Acq On : 24 Dec 2015 00:58
Operator : UM/SJ
Sample : G4907-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

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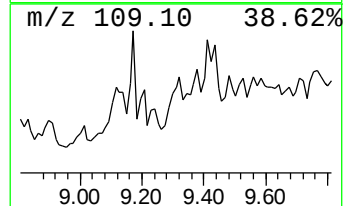
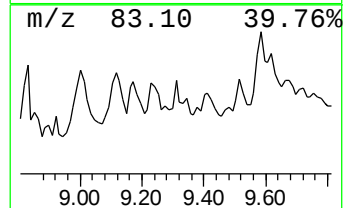
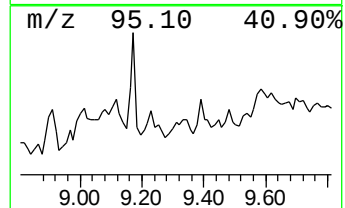
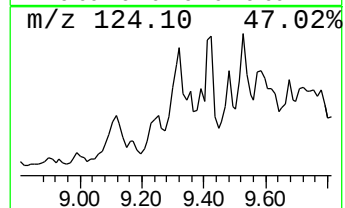
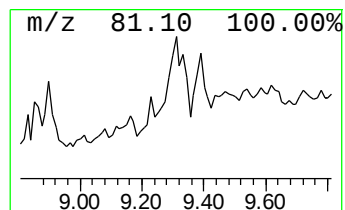
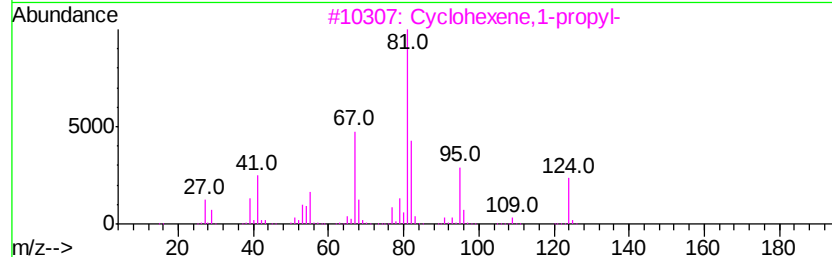
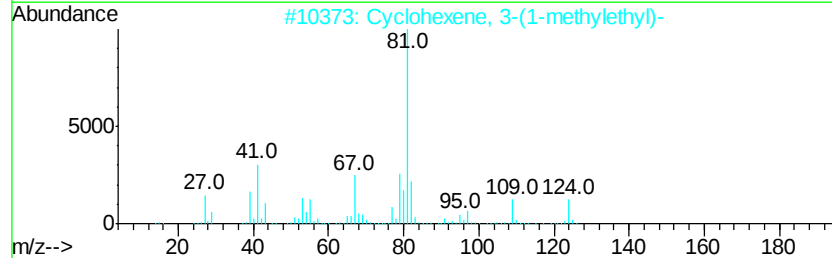
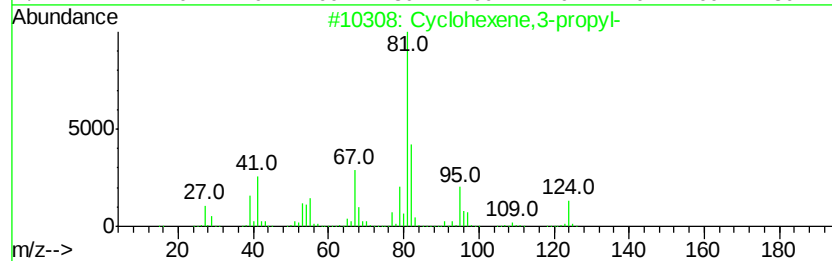
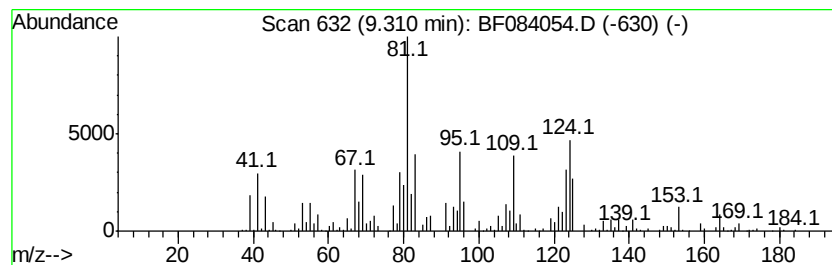
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown9.31 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	19.80 ng	555932	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	46
2		Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	43
3		Cyclohexene,1-propyl-	124	C9H16	002539-75-5	43
4		3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	40
5		6,11-Undecadiene, 1-acetoxy-3,7-...	252	C16H28O2	1000150-66-0	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084054.D
Acq On : 24 Dec 2015 00:58
Operator : UM/SJ
Sample : G4907-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12

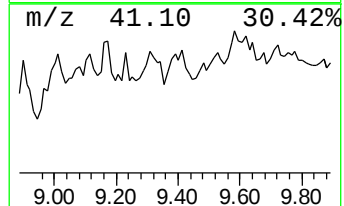
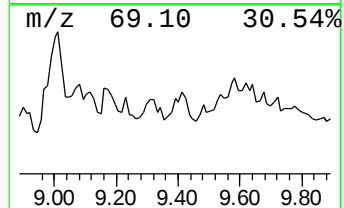
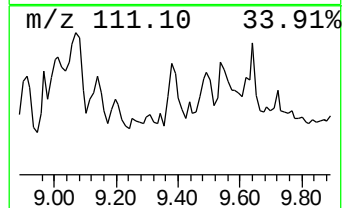
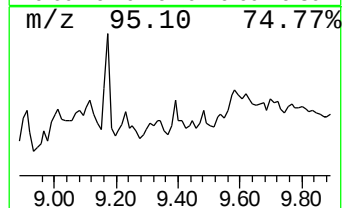
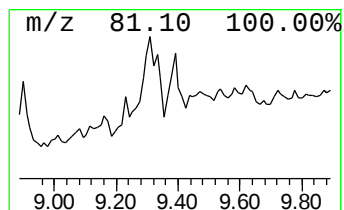
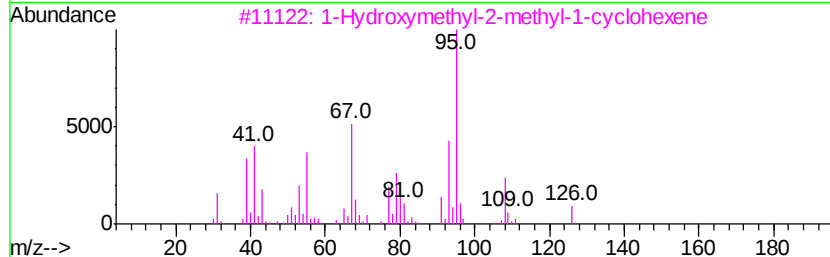
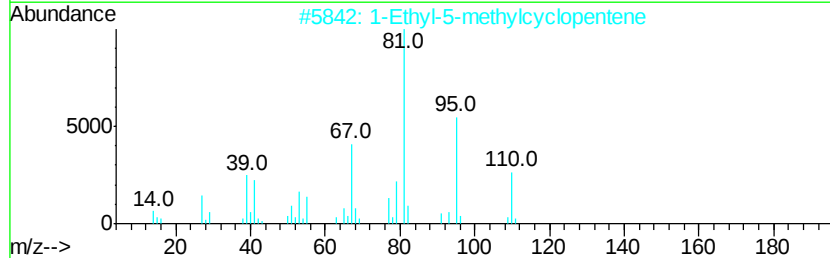
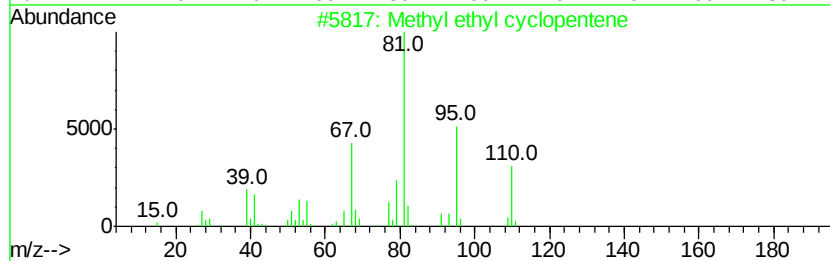
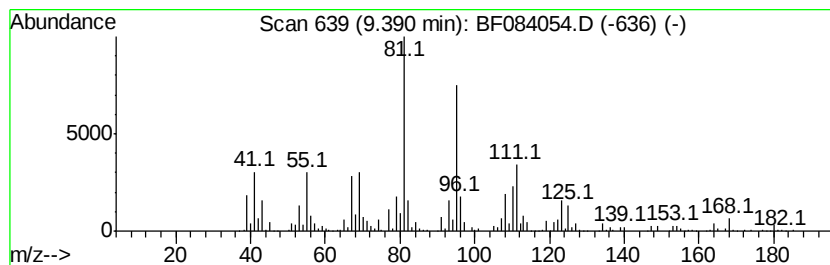
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown9.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	41.44 ng	1163510	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	49
2		1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	43
3		1-Hydroxymethyl-2-methyl-1-cyclo...	126	C8H14O	029474-11-1	38
4		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
5		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084054.D
Acq On : 24 Dec 2015 00:58
Operator : UM/SJ
Sample : G4907-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

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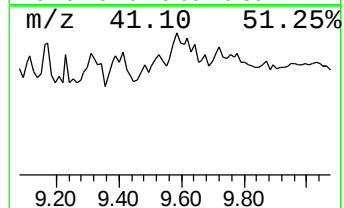
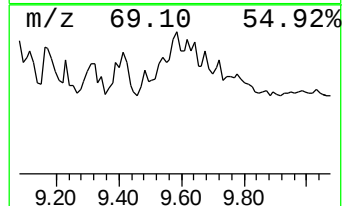
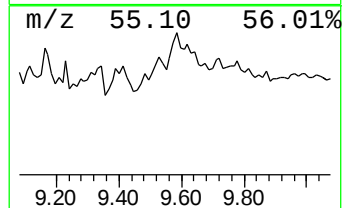
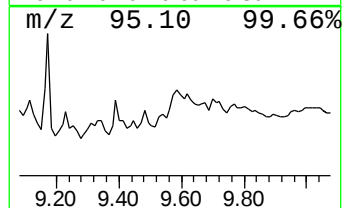
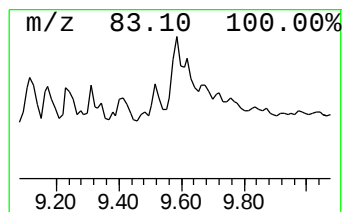
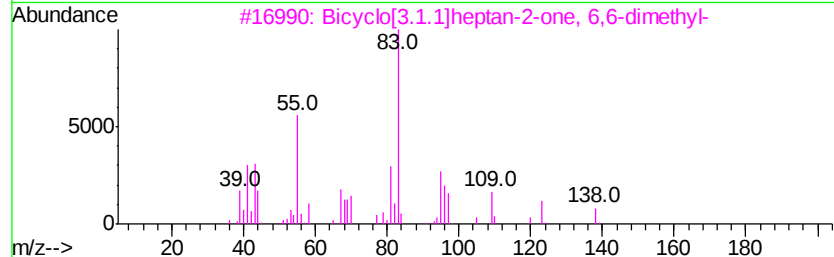
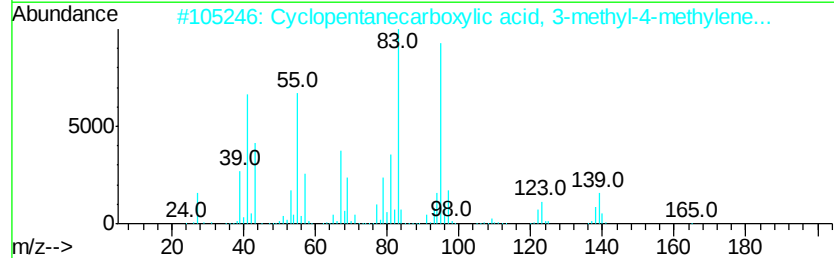
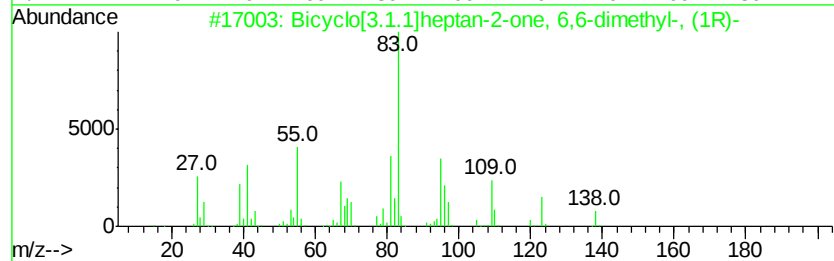
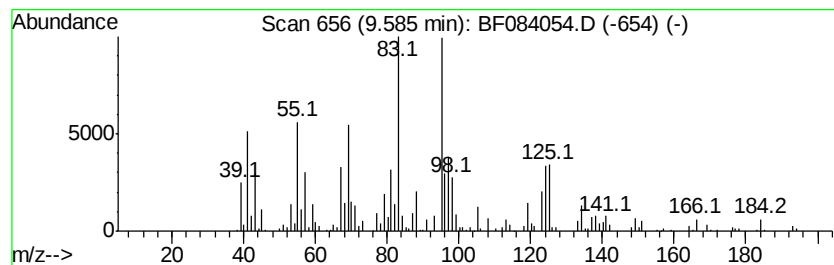
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Bicyclo[3.1.1]heptan-2-one,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	19.22 ng	539519	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	50
2		Cyclopentanecarboxylic acid, 3-m...	278	C18H30O2	1000152-25-8	49
3		Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	024903-95-5	38
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	30
5		1-Tridecyn-4-ol	196	C13H24O	074646-37-0	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084054.D
Acq On : 24 Dec 2015 00:58
Operator : UM/SJ
Sample : G4907-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12

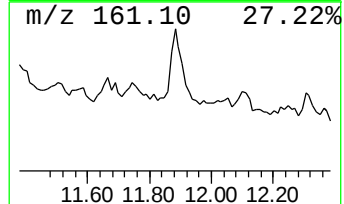
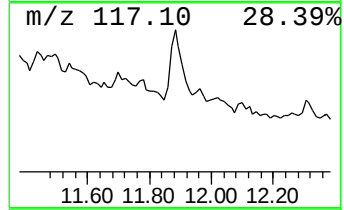
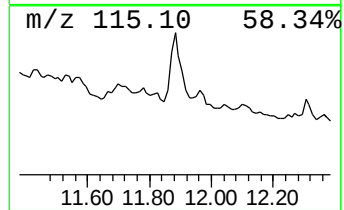
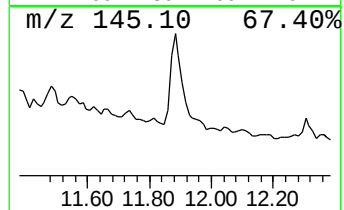
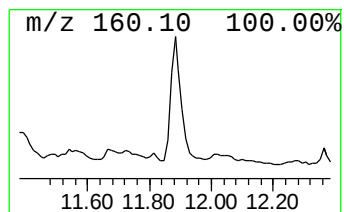
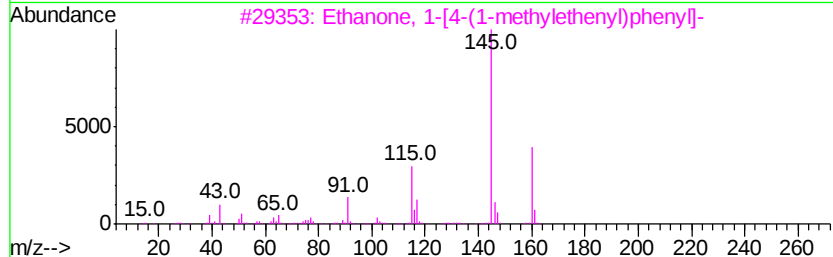
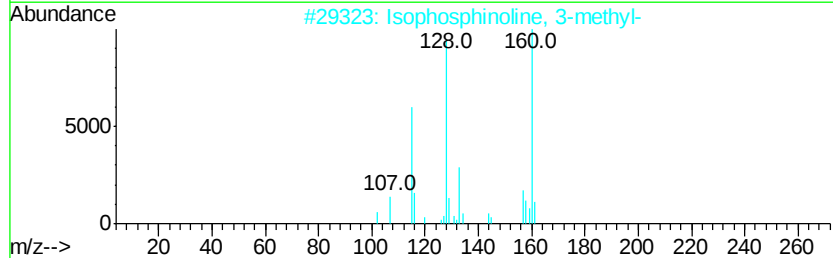
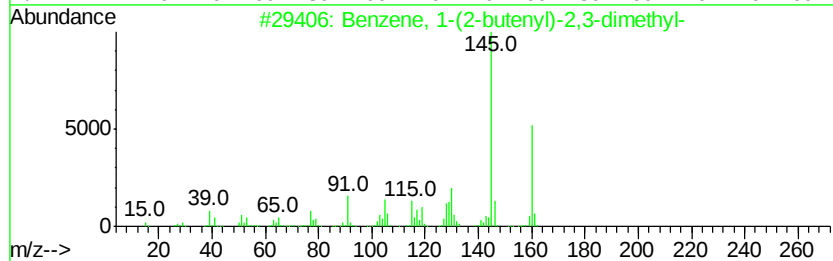
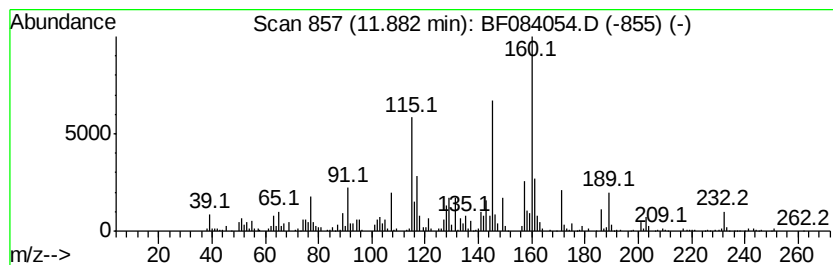
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	20.00 ng	559245	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	50
2		Isophosphinoline, 3-methyl-	160	C10H9P	049622-63-1	45
3		Ethanone, 1-[4-(1-methylethenyl)...]	160	C11H12O	005359-04-6	43
4		1-(Ethylthio)-2-(methylthio)-but...	160	C7H12S2	1000250-28-8	43
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084054.D
Acq On : 24 Dec 2015 00:58
Operator : UM/SJ
Sample : G4907-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12

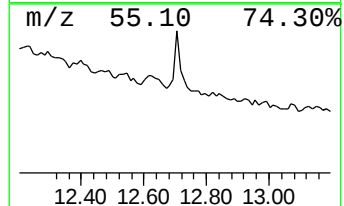
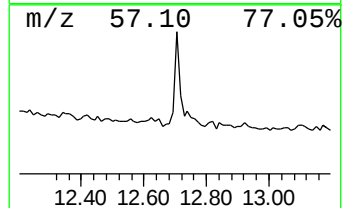
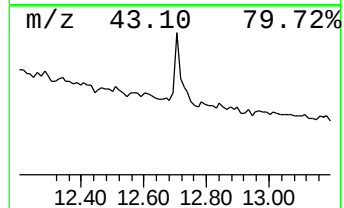
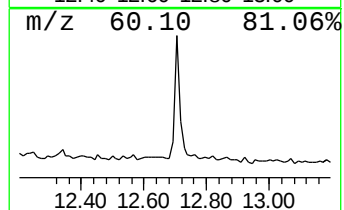
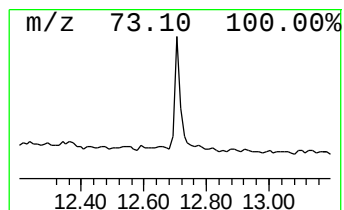
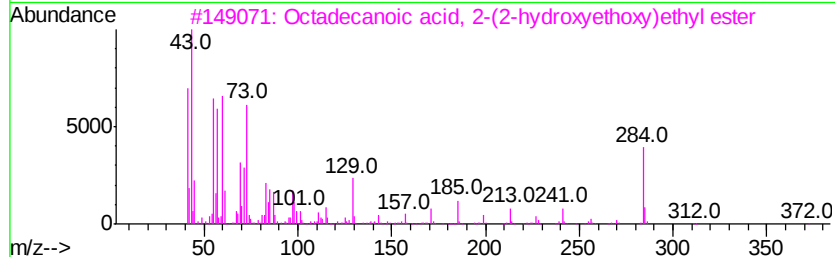
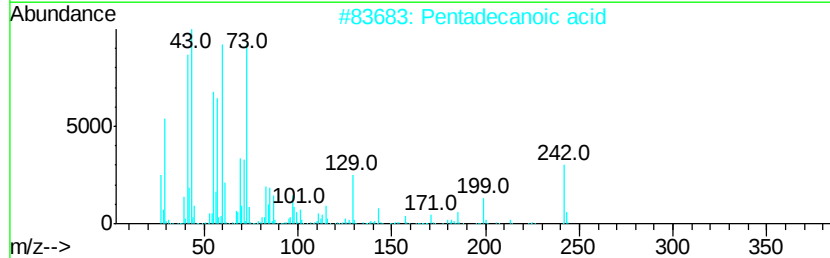
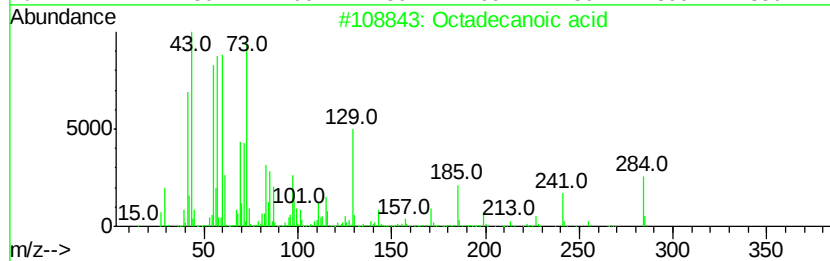
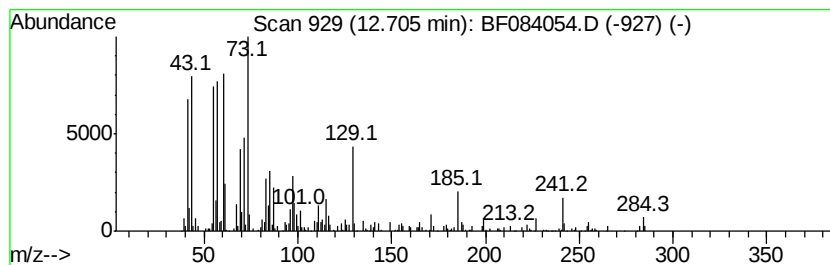
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	97.39 ng	1178920	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
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 Operator : UM/SJ
 Sample : G4907-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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
unknown6.60	6.60	30.6	ng	768288	1	6.82	501945	20.0
unknown7.02	7.02	9.1	ng	228863	1	6.82	501945	20.0
unknown7.86	7.86	10.3	ng	482554	2	8.11	933731	20.0
unknown7.95	7.95	22.1	ng	1033220	2	8.11	933731	20.0
unknown8.04	8.04	14.2	ng	664285	2	8.11	933731	20.0
unknown8.24	8.24	23.1	ng	1078260	2	8.11	933731	20.0
3-Cyclohexen-1-on...	8.36	11.4	ng	532212	2	8.11	933731	20.0
Cyclohexanone, 2-...	8.50	8.5	ng	396891	2	8.11	933731	20.0
Benzeneethanol,	8.58	26.8	ng	1253080	2	8.11	933731	20.0
unknown8.66	8.66	11.9	ng	554122	2	8.11	933731	20.0
(1,2,3-Trimethyl-...	8.75	14.9	ng	697137	2	8.11	933731	20.0
2(1H)-Naphthaleno...	8.90	33.4	ng	1557800	2	8.11	933731	20.0
unknown9.01	9.01	88.6	ng	2487380	3	9.88	561547	20.0
unknown9.12	9.12	23.0	ng	646743	3	9.88	561547	20.0
unknown9.31	9.31	19.8	ng	555932	3	9.88	561547	20.0
unknown9.39	9.39	41.4	ng	1163510	3	9.88	561547	20.0
Bicyclo[3.1.1]hep...	9.58	19.2	ng	539519	3	9.88	561547	20.0
Benzene, 1-(2-but...	11.88	20.0	ng	559245	4	11.37	559245	20.0
Octadecanoic acid	12.70	97.4	ng	1178920	5	14.00	242110	20.0