

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092551.D
 Acq On : 27 Jan 2017 3:21
 Operator : SJ/MA
 Sample : I1452-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-43

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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	4.567	215	217	221	rVB	63041	78193	1.57%	0.174%
2	5.150	266	268	271	rBV	574340	623919	12.51%	1.388%
3	5.242	274	276	279	rVB	282889	274688	5.51%	0.611%
4	5.562	302	304	307	rVB	2099018	2055897	41.21%	4.574%
5	6.122	351	353	355	rVB	41066	57143	1.15%	0.127%
6	6.590	391	394	396	rBV	1765953	1482280	29.71%	3.298%
7	6.739	404	407	409	rBV	3594450	4054282	81.27%	9.020%
8	6.922	418	423	425	rBV3	54497	97368	1.95%	0.217%
9	6.967	425	427	431	rVB	1168379	1119991	22.45%	2.492%
10	7.127	438	441	443	rBV	3805746	3543845	71.04%	7.885%
11	7.310	454	457	459	rBV2	61813	81496	1.63%	0.181%
12	7.539	474	477	479	rVB	3070899	3335095	66.86%	7.420%
13	7.653	486	487	489	rVB2	145456	128727	2.58%	0.286%
14	7.767	496	497	501	rVB2	37863	60301	1.21%	0.134%
15	7.927	507	511	514	rBV5	34570	84611	1.70%	0.188%
16	7.996	514	517	521	rVV6	32274	86737	1.74%	0.193%
17	8.168	528	532	537	rVB6	67081	163100	3.27%	0.363%
18	8.259	537	540	543	rBV	1327518	1351402	27.09%	3.007%
19	8.305	543	544	548	rVB2	56595	96007	1.92%	0.214%
20	8.419	549	554	557	rBV5	58877	146559	2.94%	0.326%
21	8.510	560	562	564	rVV3	85293	117134	2.35%	0.261%
22	8.590	567	569	570	rVV2	117367	145703	2.92%	0.324%
23	8.636	571	573	576	rVV3	68060	122749	2.46%	0.273%
24	8.739	576	582	584	rVB5	50305	160273	3.21%	0.357%
25	8.796	584	587	588	rBV	72087	103788	2.08%	0.231%
26	8.819	588	589	594	rVV3	50622	122798	2.46%	0.273%
27	8.899	594	596	598	rVV2	80522	108955	2.18%	0.242%
28	8.956	598	601	602	rVV3	60195	123264	2.47%	0.274%
29	9.013	604	606	608	rVV2	225420	358660	7.19%	0.798%
30	9.048	608	609	611	rVV2	132840	165140	3.31%	0.367%
31	9.093	611	613	614	rVV2	97540	141882	2.84%	0.316%
32	9.116	614	615	617	rVV	104786	149503	3.00%	0.333%
33	9.162	617	619	621	rVV2	79040	119913	2.40%	0.267%
34	9.219	621	624	626	rVV2	135095	245428	4.92%	0.546%

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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-BF012417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.253	626	627	630	rVV3	72624	162287	3.25%	0.361%
36	9.345	632	635	637	rVV	4093392	4988479	100.00%	11.099%
37	9.390	637	639	641	rVV	190236	254999	5.11%	0.567%
38	9.448	641	644	647	rVV5	74373	225564	4.52%	0.502%
39	9.550	651	653	655	rVV	212051	224163	4.49%	0.499%
40	9.653	659	662	663	rVV2	87191	159516	3.20%	0.355%
41	9.688	663	665	666	rVV	106892	145689	2.92%	0.324%
42	9.745	666	670	672	rVV	518159	677450	13.58%	1.507%
43	9.836	676	678	680	rVV2	72597	144771	2.90%	0.322%
44	9.882	680	682	684	rVB2	59913	94455	1.89%	0.210%
45	9.951	684	688	690	rBV5	48674	113277	2.27%	0.252%
46	9.996	690	692	693	rVV	90392	139312	2.79%	0.310%
47	10.031	693	695	697	rVV	1681315	1508662	30.24%	3.357%
48	10.179	706	708	712	rBV3	100611	172209	3.45%	0.383%
49	10.236	712	713	716	rVV2	49277	78208	1.57%	0.174%
50	10.339	719	722	724	rVV2	133669	254731	5.11%	0.567%
51	10.419	727	729	730	rVV	65990	105980	2.12%	0.236%
52	10.453	730	732	734	rVB	204193	235164	4.71%	0.523%
53	10.545	737	740	742	rBV2	66735	118000	2.37%	0.263%
54	10.682	750	752	754	rBV2	127467	168411	3.38%	0.375%
55	10.773	757	760	762	rVV3	243272	377807	7.57%	0.841%
56	10.819	762	764	767	rVB2	2202677	2916941	58.47%	6.490%
57	10.934	772	774	778	rBV2	80487	165516	3.32%	0.368%
58	11.002	778	780	781	rBV	194527	179905	3.61%	0.400%
59	11.036	781	783	785	rBV2	151769	153868	3.08%	0.342%
60	11.071	785	786	787	rVB	172056	118030	2.37%	0.263%
61	11.094	787	788	789	rBV	90938	106033	2.13%	0.236%
62	11.185	794	796	798	rVB2	126916	137186	2.75%	0.305%
63	11.219	798	799	800	rBV	196144	150900	3.02%	0.336%
64	11.379	812	813	814	rBV	45409	60928	1.22%	0.136%
65	11.414	814	816	818	rVB	117274	119921	2.40%	0.267%
66	11.516	823	825	828	rVV	1526782	1399562	28.06%	3.114%
67	11.562	828	829	833	rVB4	33080	61533	1.23%	0.137%
68	11.722	842	843	847	rBV2	61731	124472	2.50%	0.277%
69	11.905	857	859	862	rVB2	80594	92346	1.85%	0.205%
70	12.054	869	872	873	rBV	113801	142777	2.86%	0.318%
71	12.316	893	895	897	rVB	72911	72146	1.45%	0.161%

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72	12.774	932	935	939	rVB3	48452	91947	1.84%	0.205%
73	12.877	943	944	947	rBV	44209	66516	1.33%	0.148%
74	12.957	949	951	952	rBV2	59117	55439	1.11%	0.123%
75	12.991	952	954	961	rVB	406954	492020	9.86%	1.095%
76	13.105	961	964	967	rBV	3454445	4268066	85.56%	9.496%
77	13.665	1012	1013	1015	rBV	103990	106869	2.14%	0.238%
78	13.882	1031	1032	1037	rVB2	65995	80250	1.61%	0.179%
79	13.997	1040	1042	1048	rVB	103002	150120	3.01%	0.334%
80	14.157	1053	1056	1058	rBV	1275329	1164869	23.35%	2.592%
81	15.643	1183	1186	1188	rBV	549293	905807	18.16%	2.015%
82	16.111	1225	1227	1231	rBV	31136	51051	1.02%	0.114%
83	16.637	1270	1273	1276	rVB	28069	55350	1.11%	0.123%

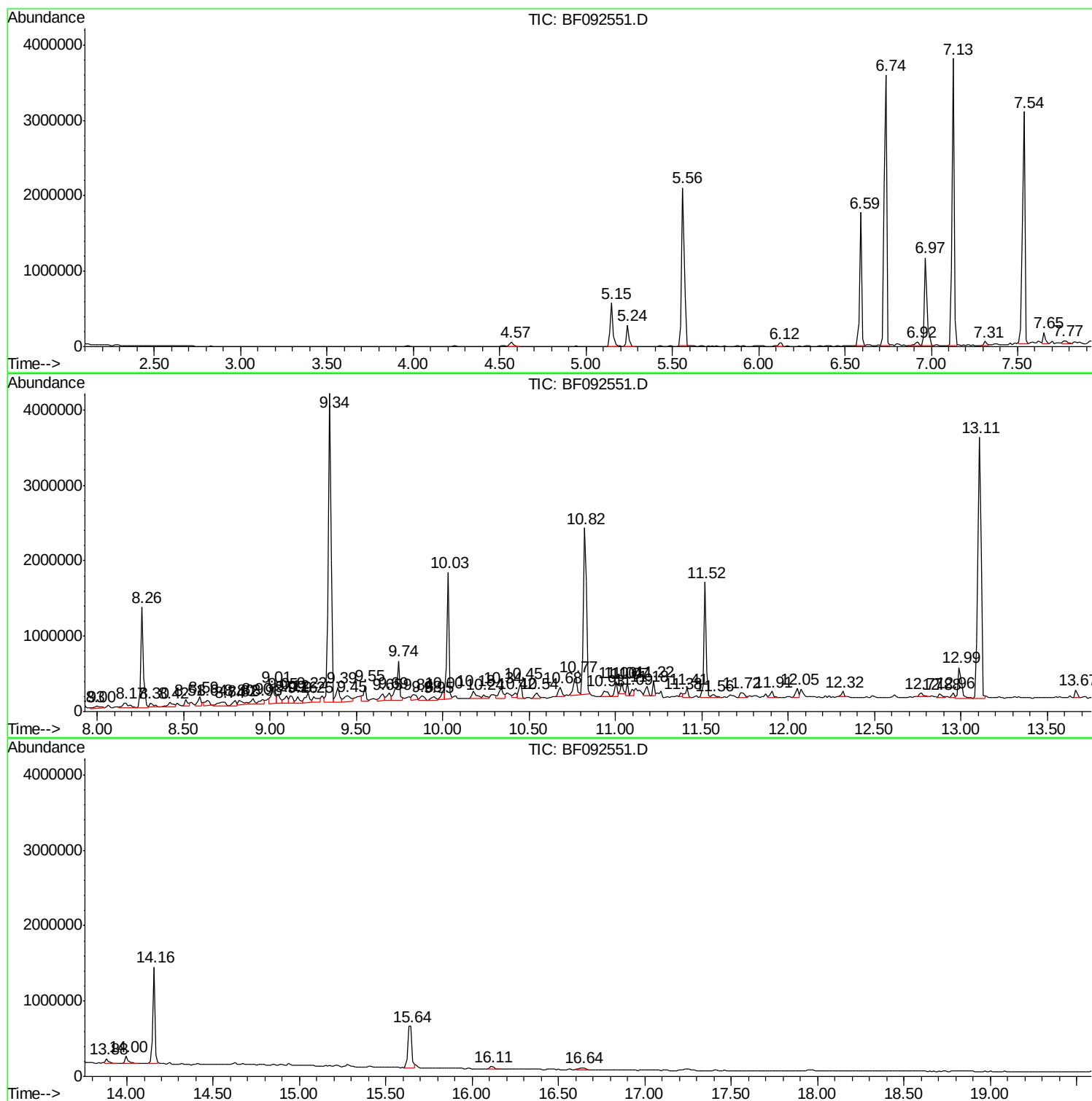
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BNA_F
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-43

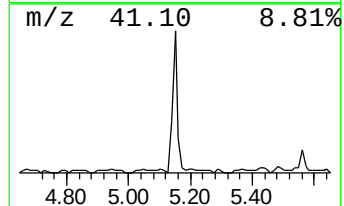
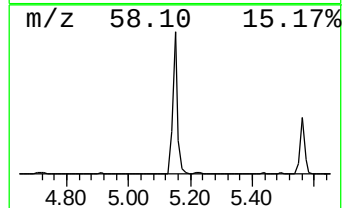
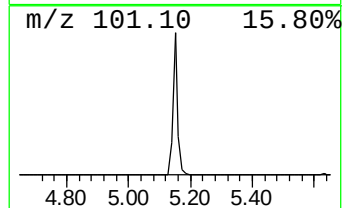
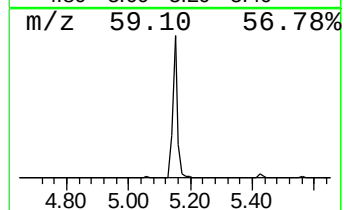
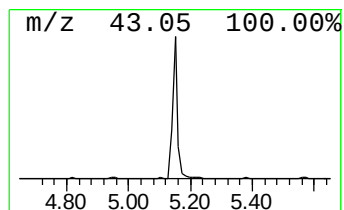
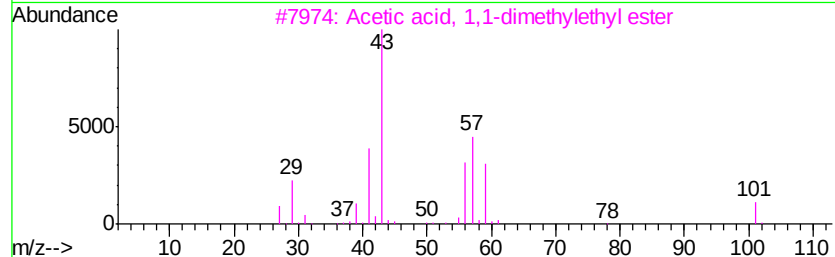
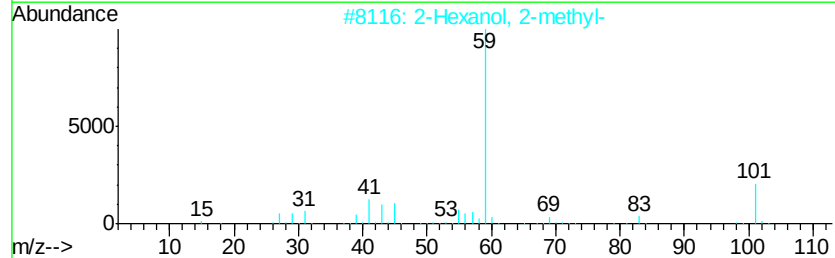
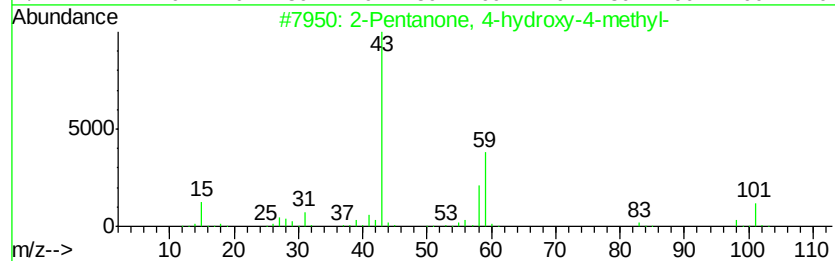
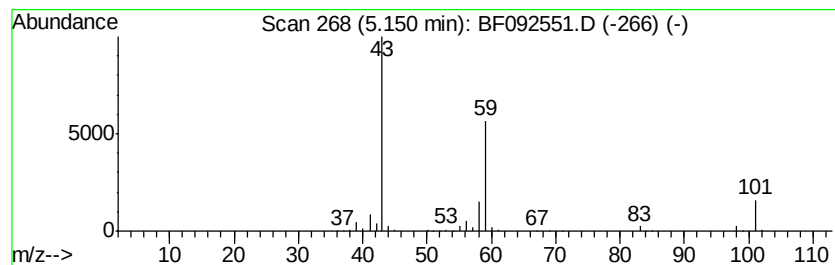
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	11.14 ng	623919	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9



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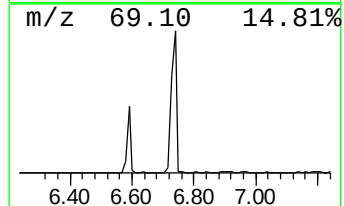
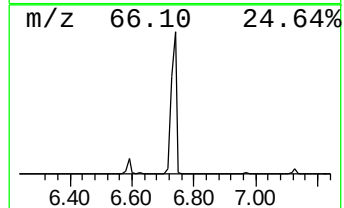
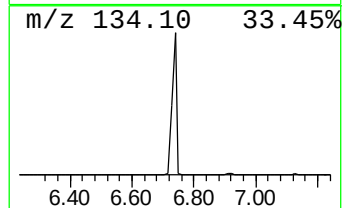
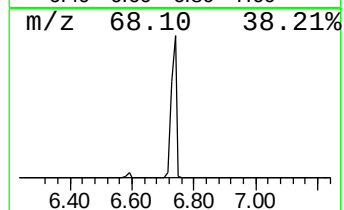
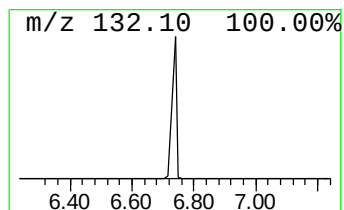
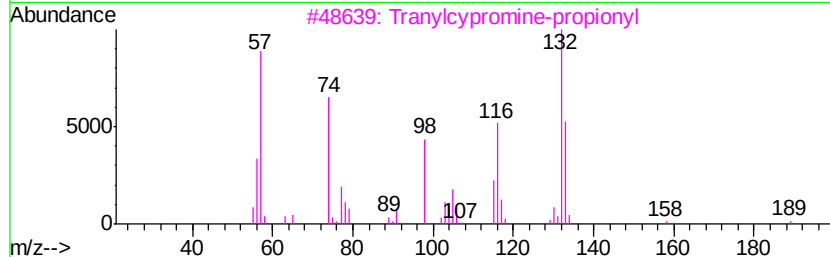
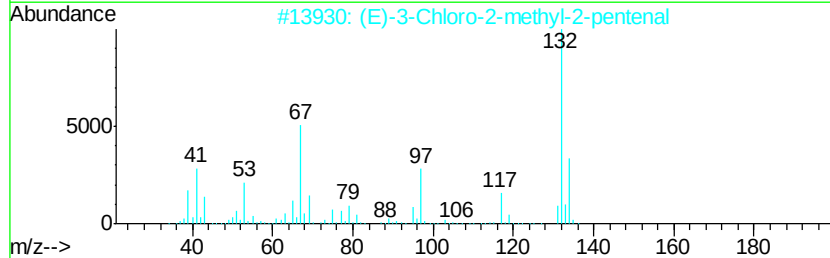
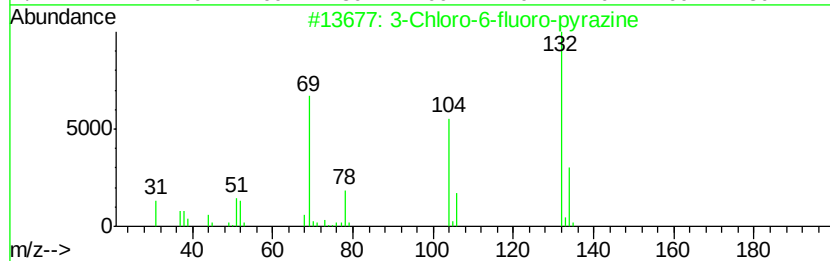
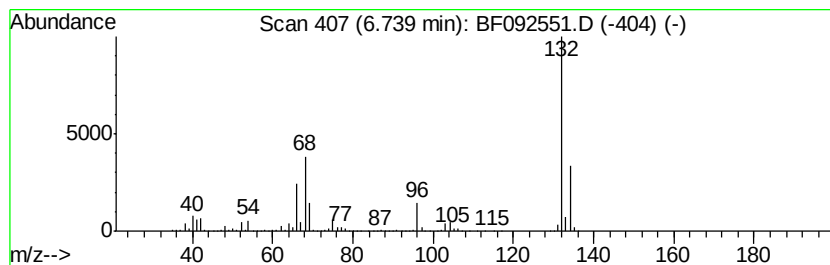
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	72.40 ng	4054280	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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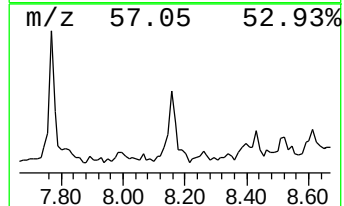
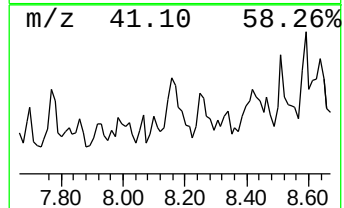
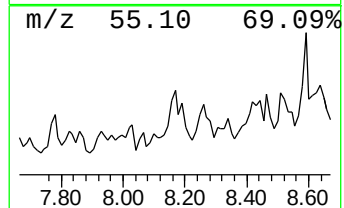
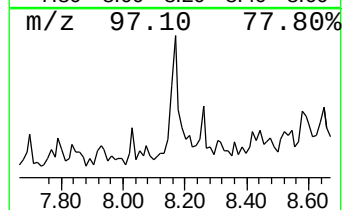
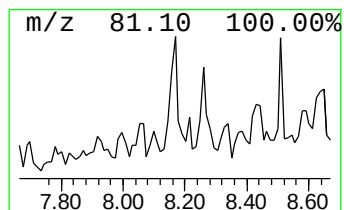
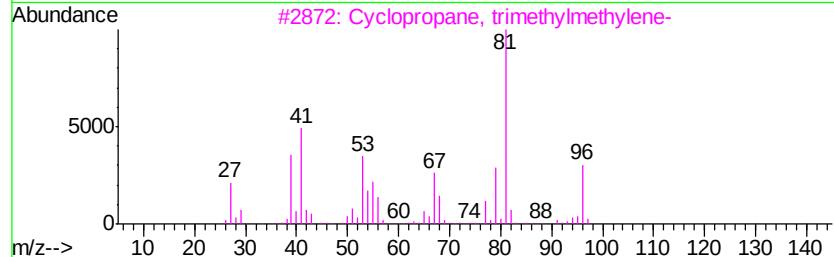
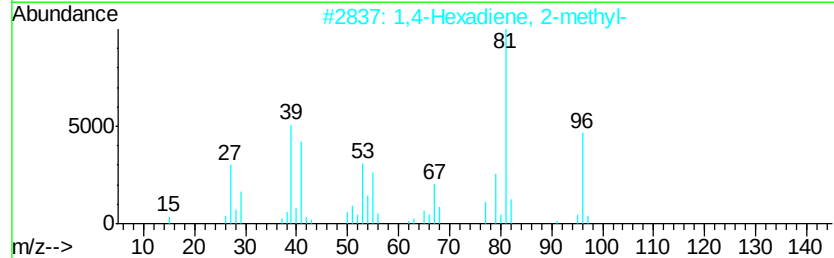
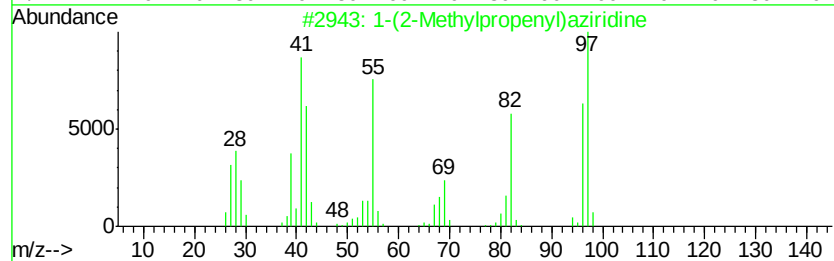
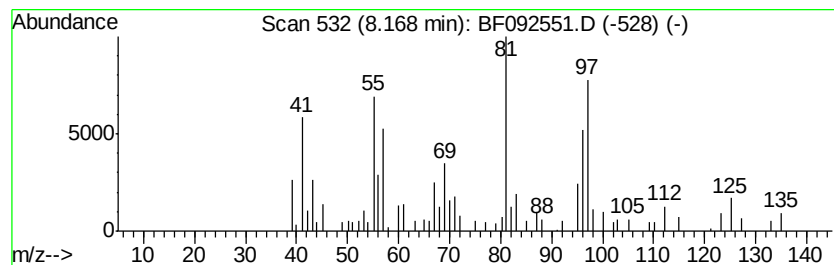
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.17 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	2.41 ng	163100	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(2-Methylpropenyl)aziridine	97	C6H11N	080839-93-6	43
2		1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	35
3		Cyclopropane, trimethylmethylen-	96	C7H12	034462-28-7	35
4		1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	35
5		1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	35



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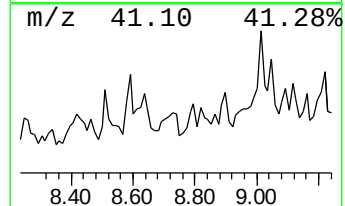
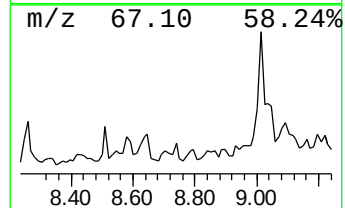
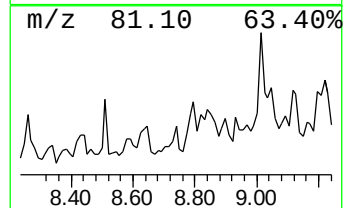
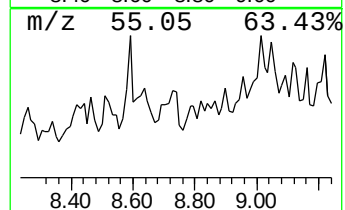
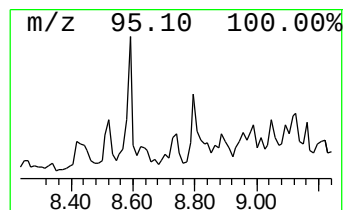
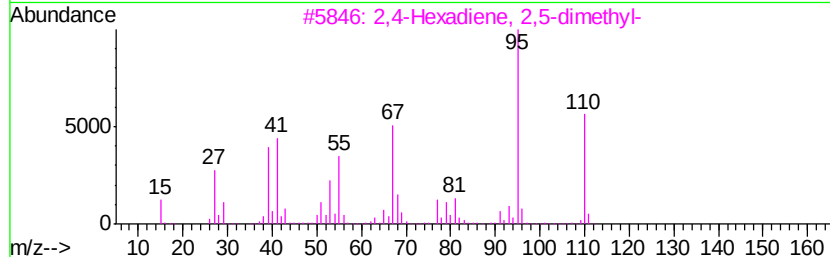
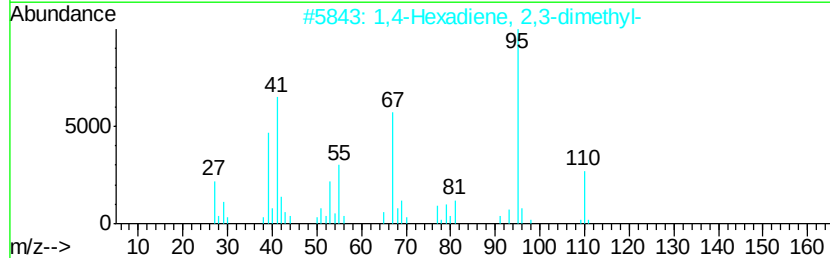
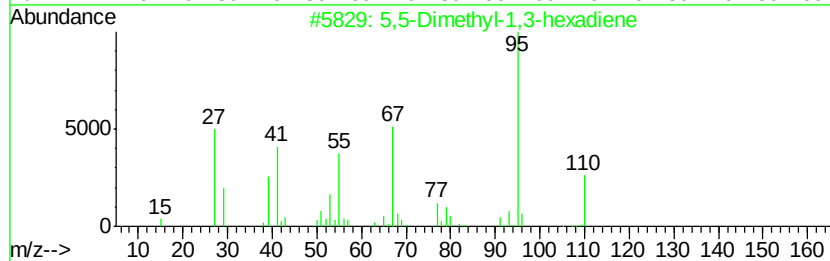
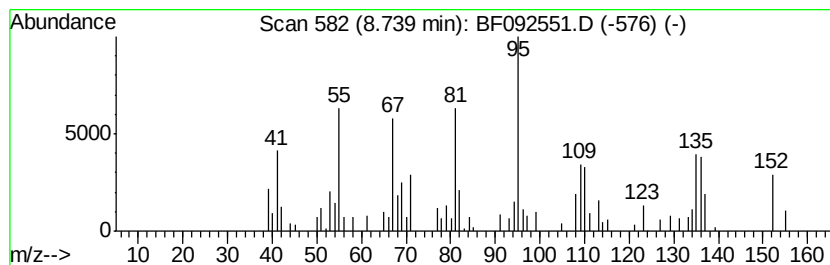
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.74 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	2.37 ng	160273	Napthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	46
2		1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	46
3		2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	46
4		Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	41
5		Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092551.D
Acq On : 27 Jan 2017 3:21
Operator : SJ/MA
Sample : I1452-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
W-43

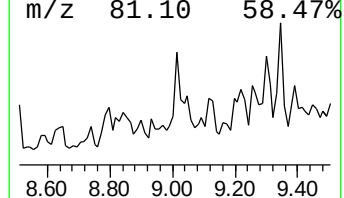
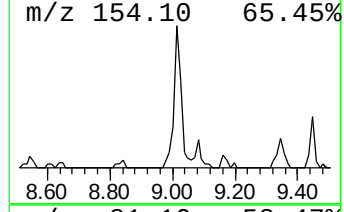
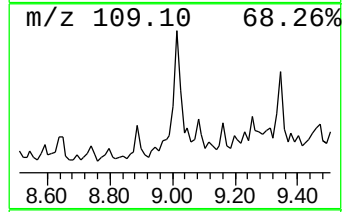
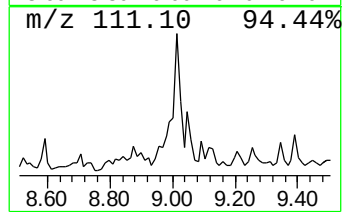
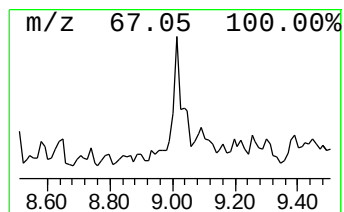
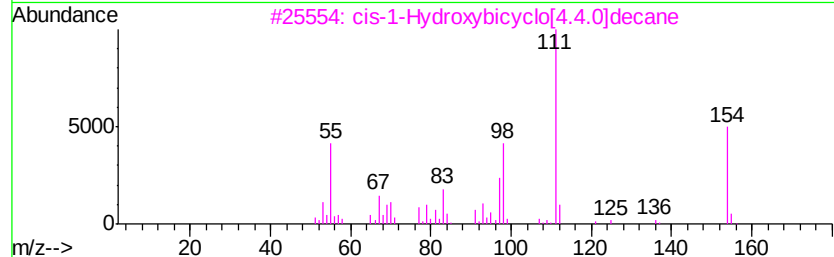
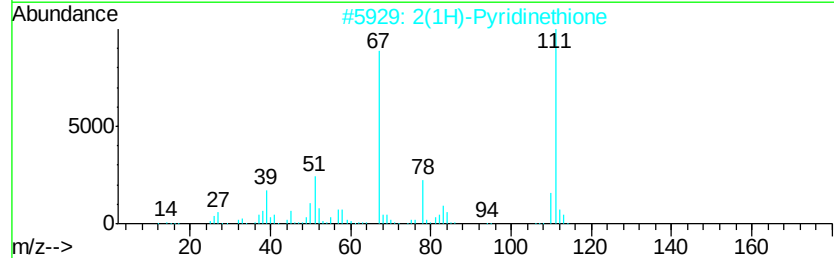
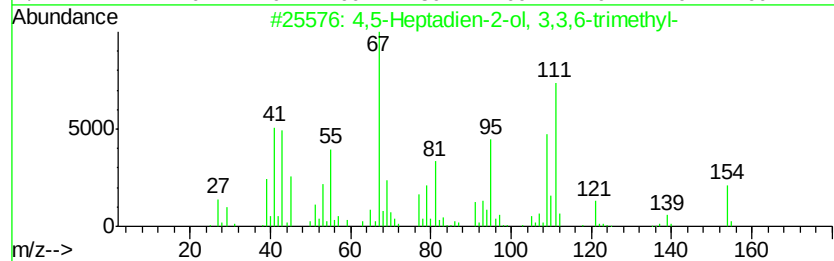
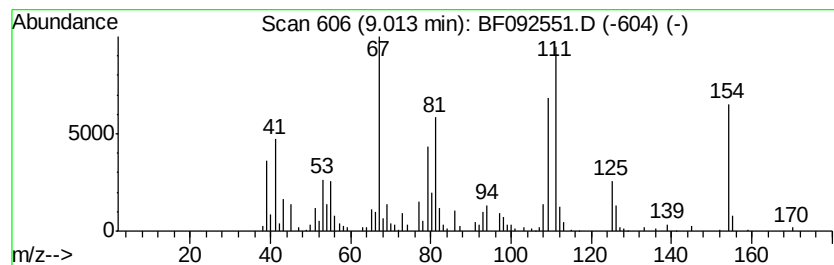
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4,5-Heptadien-2-ol, 3,3,6-t... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	5.31 ng	358660	Napthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,5-Heptadien-2-ol, 3,3,6-trimet...	154	C10H18O	060432-69-1	64
2		2(1H)-Pyridinethione	111	C5H5NS	002637-34-5	35
3		cis-1-Hydroxybicyclo[4.4.0]decane	154	C10H18O	003574-58-1	27
4		Bicyclo[2.2.2]octane-1-carboxyli...	154	C9H14O2	000699-55-8	22
5		Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	000499-70-7	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092551.D
Acq On : 27 Jan 2017 3:21
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Misc :
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Instrument :
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ClientSampleId :
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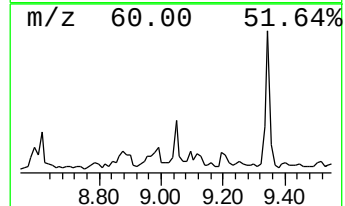
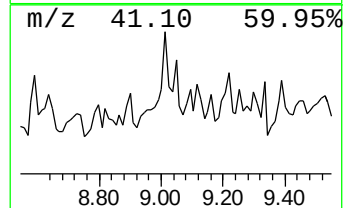
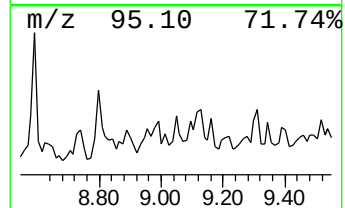
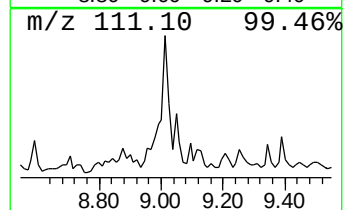
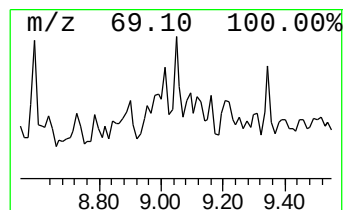
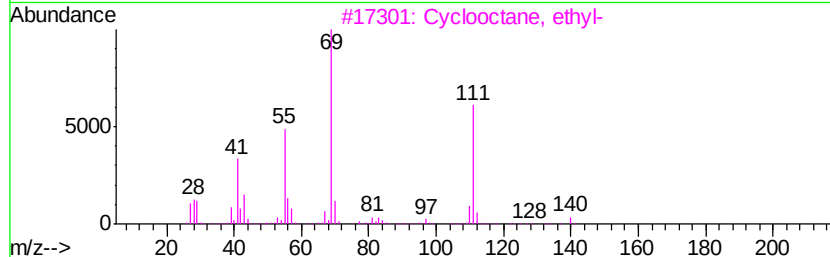
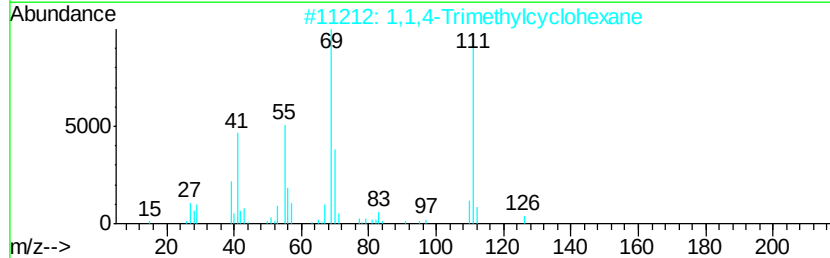
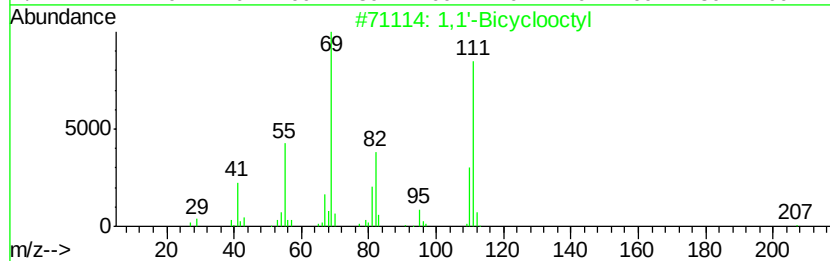
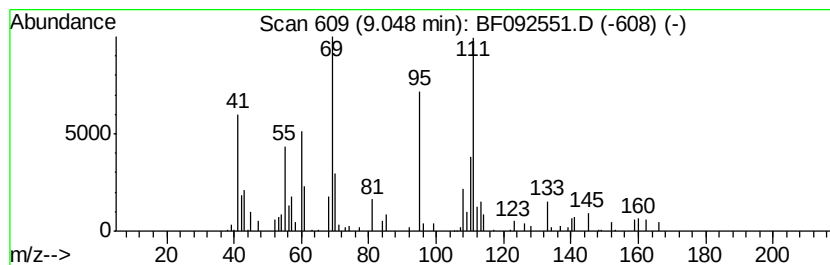
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.05 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	2.44 ng	165140	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	47
2		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	41
3		Cyclooctane, ethyl-	140	C10H20	013152-02-8	38
4		2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	38
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092551.D
Acq On : 27 Jan 2017 3:21
Operator : SJ/MA
Sample : I1452-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

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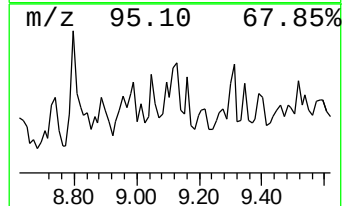
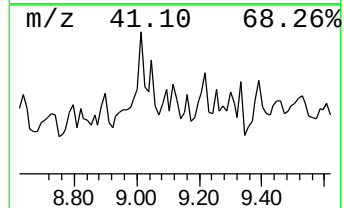
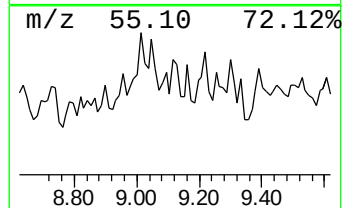
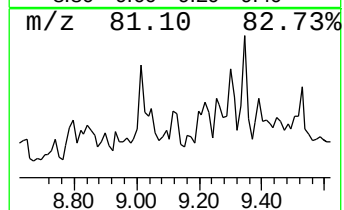
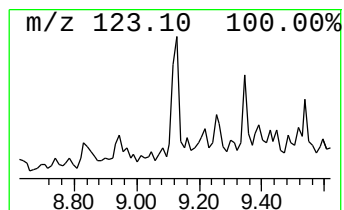
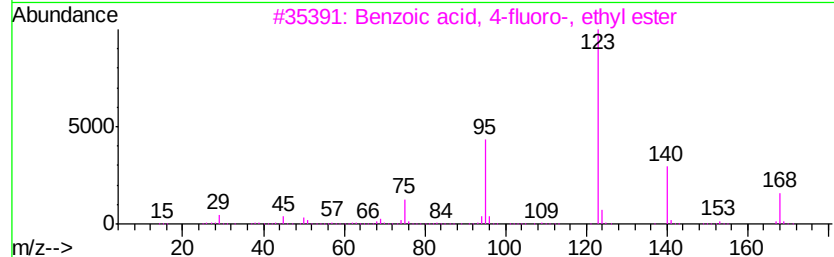
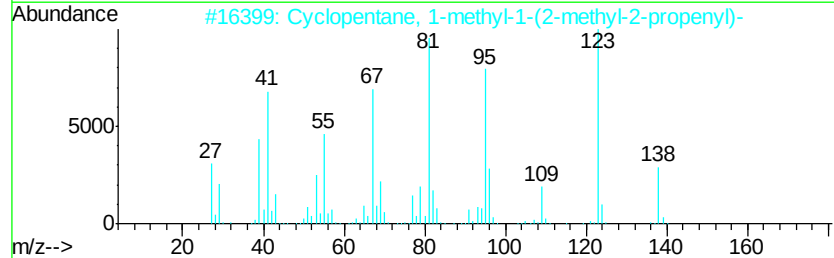
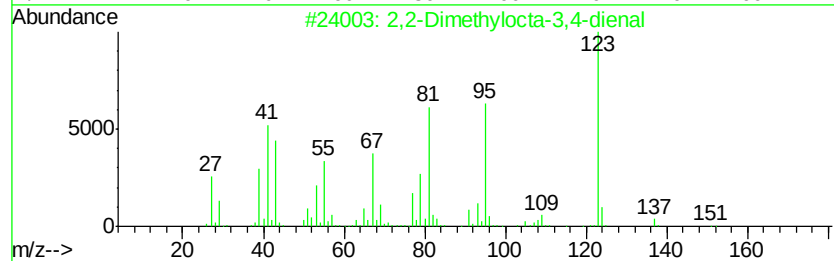
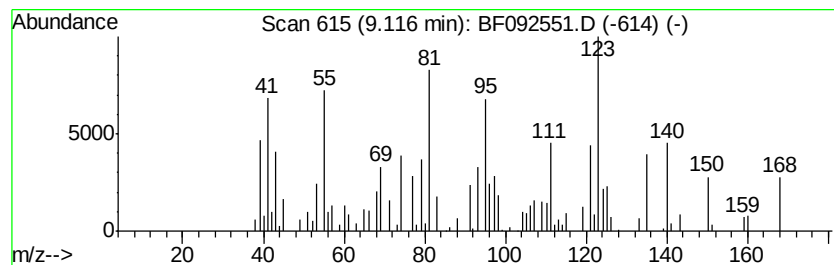
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.12 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	2.21 ng	149503	Napthalene-d8	8.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylocta-3,4-dienal			152	C10H16O	000590-71-6	38
2	Cyclopentane, 1-methyl-1-(2-meth...			138	C10H18	074764-47-9	38
3	Benzoic acid, 4-fluoro-, ethyl e...			168	C9H9F02	000451-46-7	35
4	Bicyclo[2.2.2]octane, 1-bromo-4-...			202	C9H15Br	000697-40-5	35
5	Benzoic acid, 4-fluoro-			140	C7H5F02	000456-22-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092551.D
Acq On : 27 Jan 2017 3:21
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Sample : I1452-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

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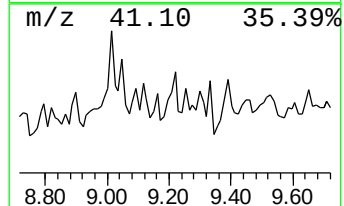
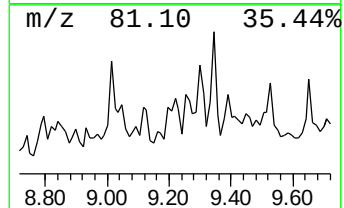
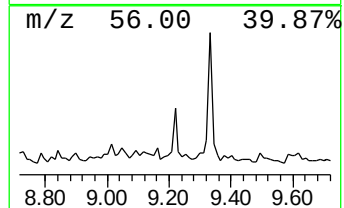
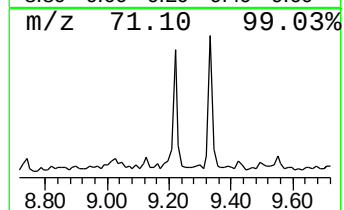
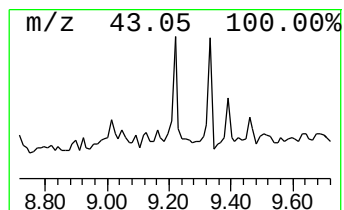
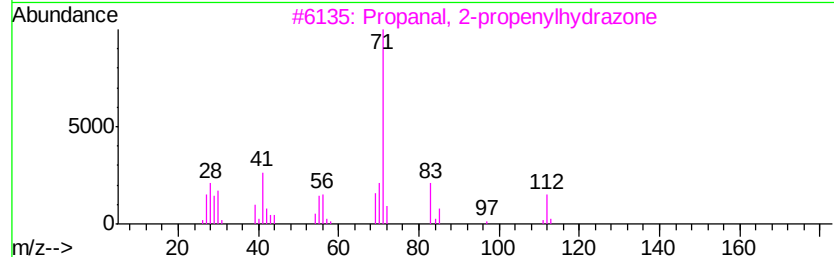
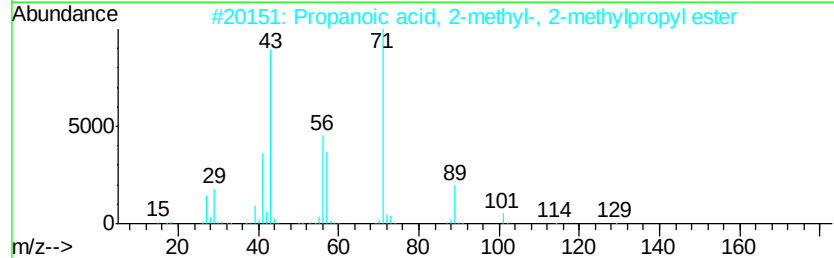
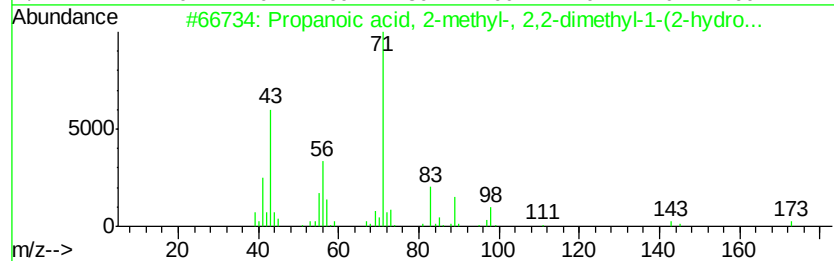
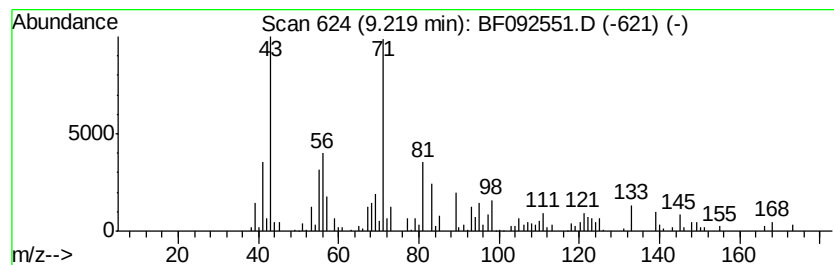
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Propanoic acid, 2-methyl-, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	3.25 ng	245428	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	64
2		Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	47
3		Propanal, 2-propenylhydrazine	112	C6H12N2	019031-78-8	35
4		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	35
5		Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092551.D
Acq On : 27 Jan 2017 3:21
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Misc :
ALS Vial : 40 Sample Multiplier: 1

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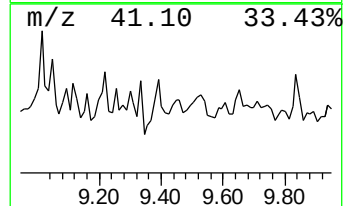
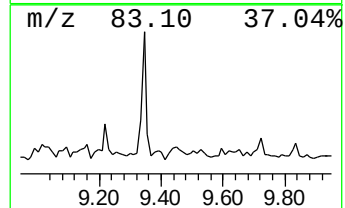
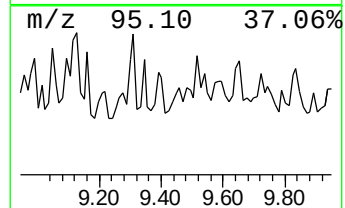
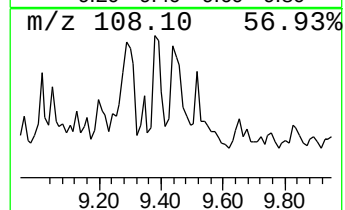
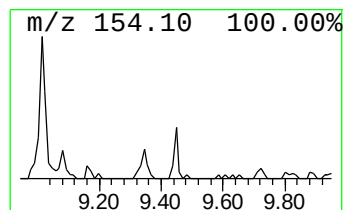
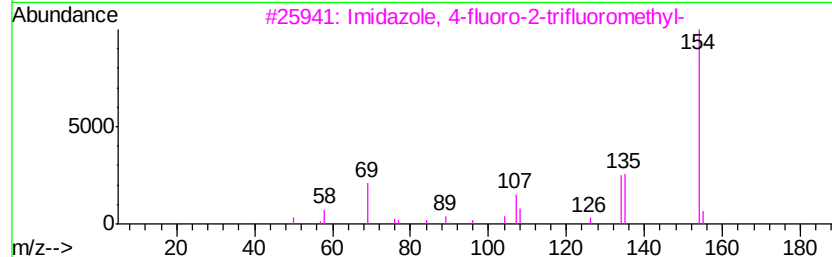
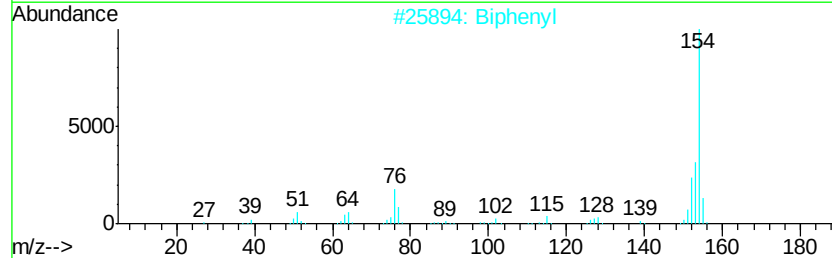
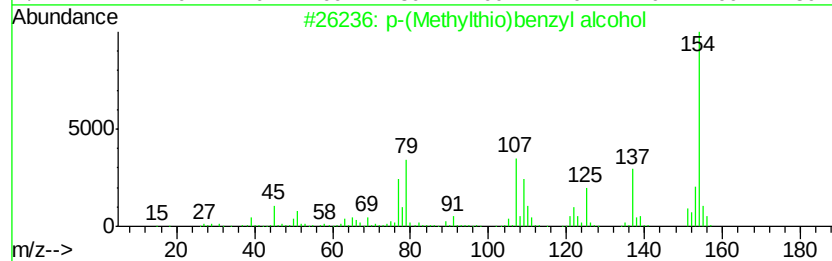
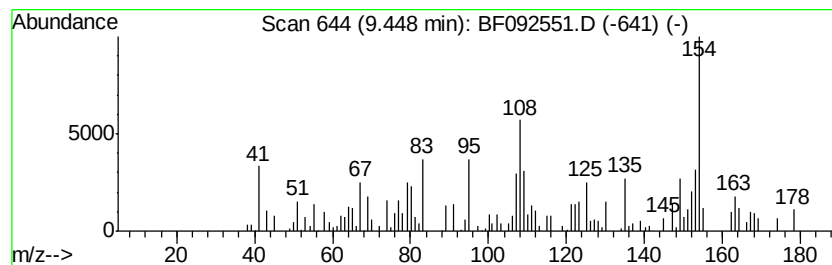
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 p-(Methylthio)benzyl alcohol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	2.99 ng	225564	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-(Methylthio)benzyl alcohol	154	C8H10OS	003446-90-0	55
2		Biphenyl	154	C12H10	000092-52-4	38
3		Imidazole, 4-fluoro-2-trifluoromethyl-	154	C4H2F4N2	219534-90-4	30
4		1,4-Dioxaspiro[4.5]decane, 6-methyl-	154	C9H14O2	023153-81-3	27
5		Benzoic acid, 3,5-dihydroxy-	154	C7H6O4	000099-10-5	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092551.D
Acq On : 27 Jan 2017 3:21
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Misc :
ALS Vial : 40 Sample Multiplier: 1

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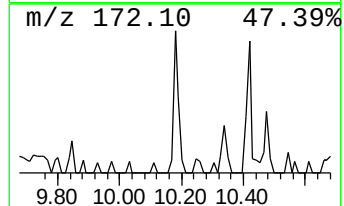
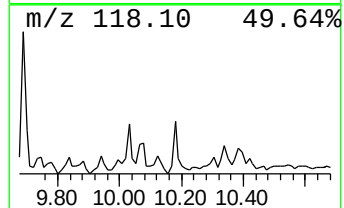
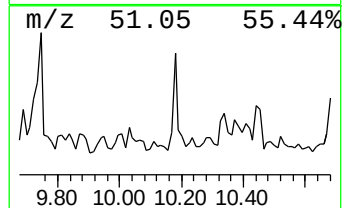
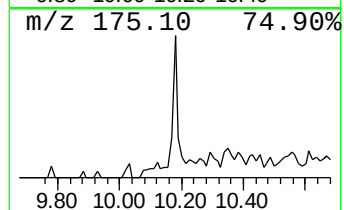
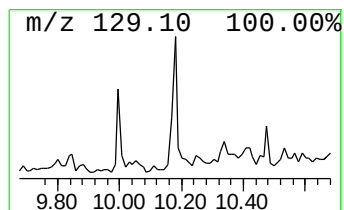
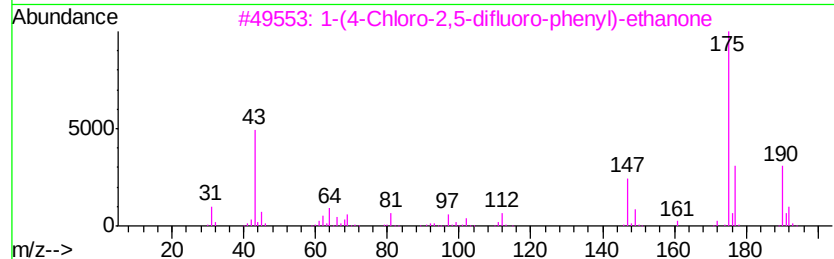
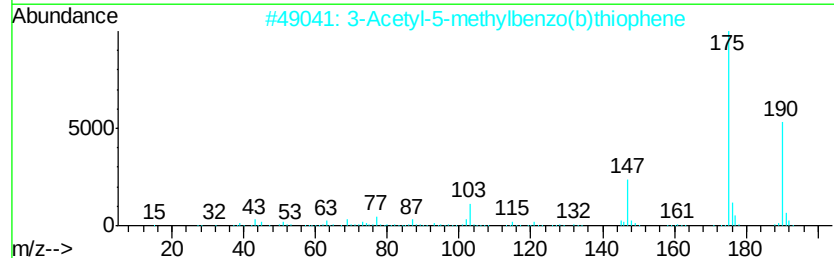
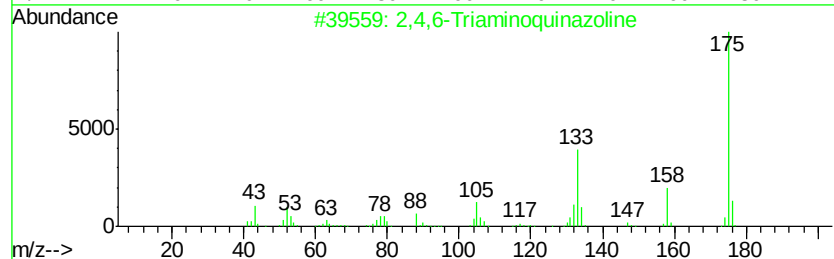
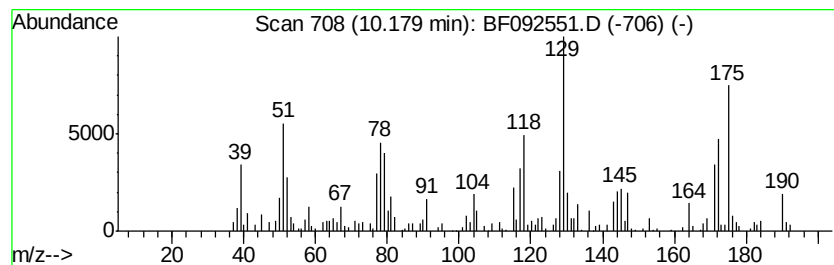
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.18 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.28 ng	172209	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,6-Triaminoquinazoline	175	C8H9N5	013741-90-7	22
2		3-Acetyl-5-methylbenzo(b)thiophene	190	C11H10OS	002046-76-6	20
3		1-(4-Chloro-2,5-difluoro-phenyl)...	190	C8H5ClF2O	000655-12-9	18
4		2-Acetyl-6-methylbenzo(b)thiophene	190	C11H10OS	001467-89-6	18
5		Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092551.D
Acq On : 27 Jan 2017 3:21
Operator : SJ/MA
Sample : I1452-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W-43

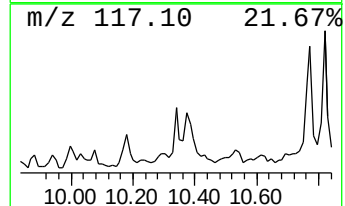
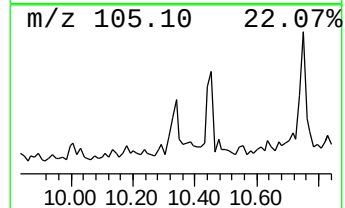
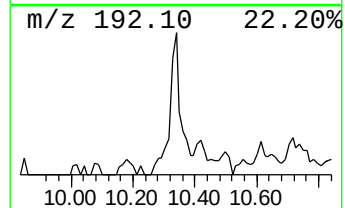
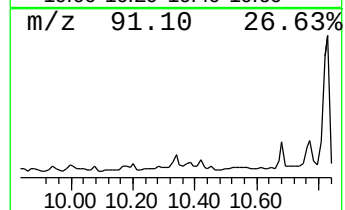
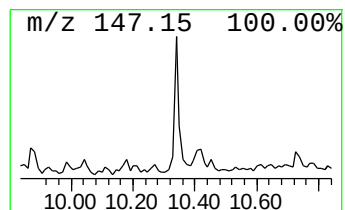
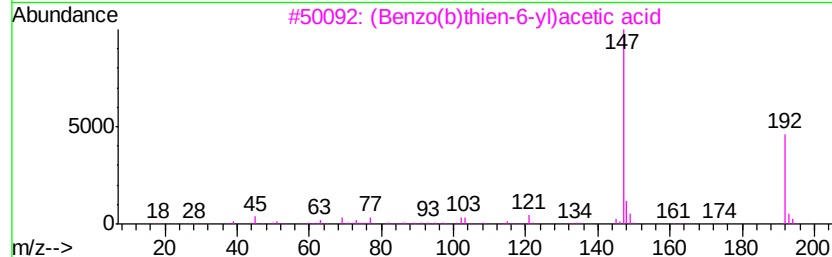
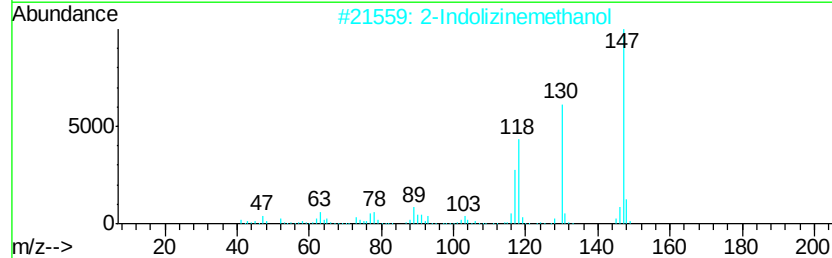
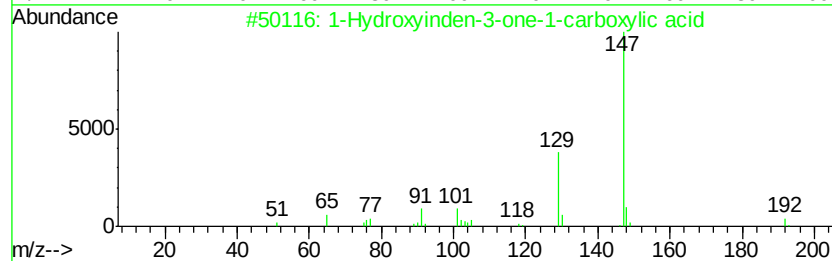
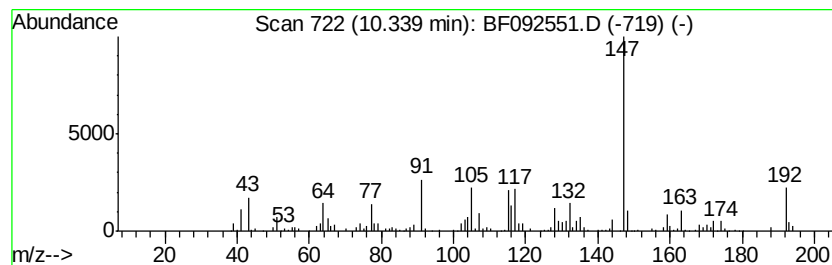
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.34 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	3.38 ng	254731	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hydroxyinden-3-one-1-carboxyli...	192	C10H8O4	1000215-33-8	46
2		2-Indolizinemethanol	147	C9H9NO	022320-21-4	43
3		(Benzo(b)thien-6-yl)acetic acid	192	C10H8O2S	006177-87-3	43
4		Benzeneacetonitrile, 4-methoxy-	147	C9H9NO	000104-47-2	38
5		Cyclopropanamine, N-methyl-1-phe...	147	C10H13N	056771-48-3	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092551.D
Acq On : 27 Jan 2017 3:21
Operator : SJ/MA
Sample : I1452-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-43

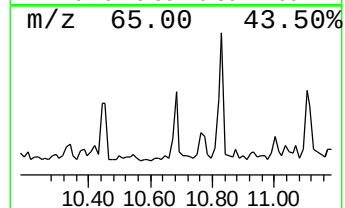
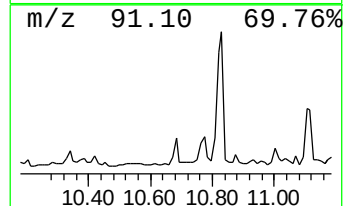
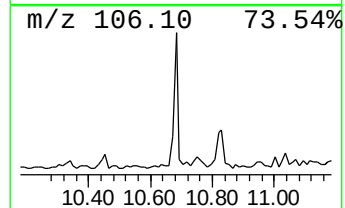
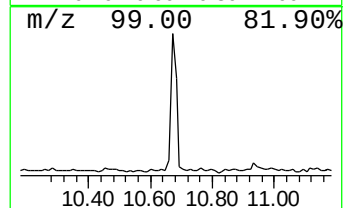
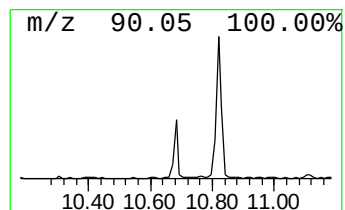
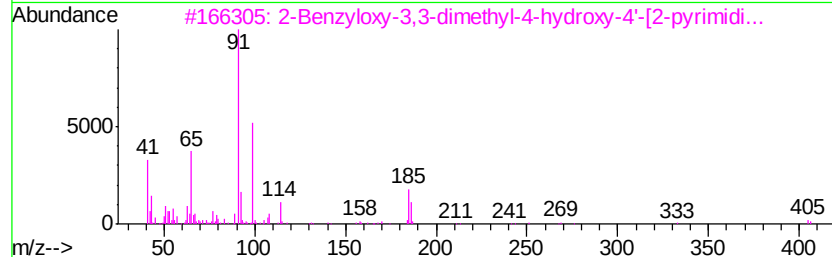
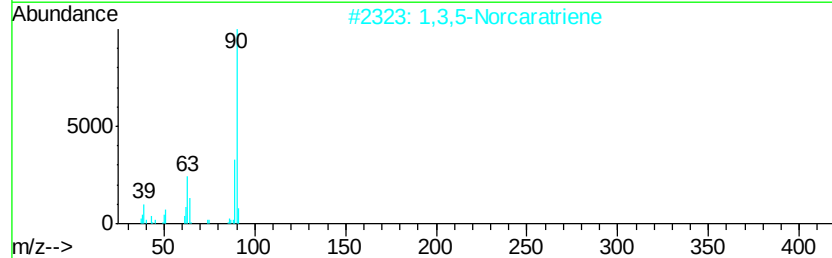
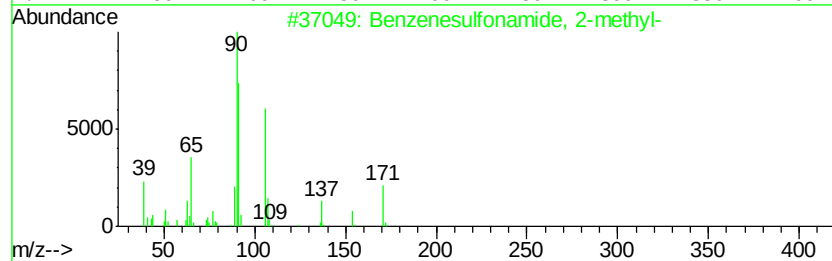
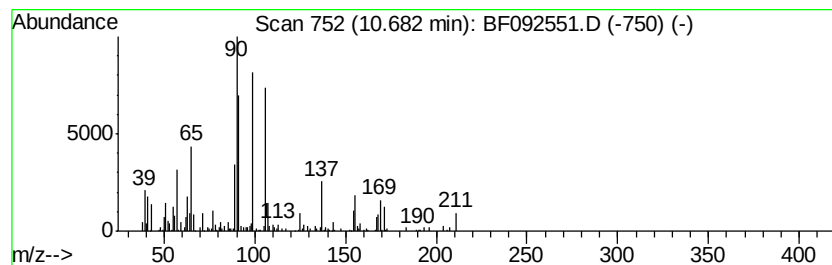
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzenesulfonamide, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	2.23 ng	168411	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	72
2		1,3,5-Norcaratriene	90	C7H6	004646-69-9	25
3		2-Benzylloxv-3,3-dimethyl-4-hydro...	470	C23H26N4O5S	1000254-50-6	22
4		Benzene, 1-methyl-4-nitro-	137	C7H7NO2	000099-99-0	15
5		3,5-Octadiyne	106	C8H10	016387-70-5	12



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092551.D
Acq On : 27 Jan 2017 3:21
Operator : SJ/MA
Sample : I1452-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-43

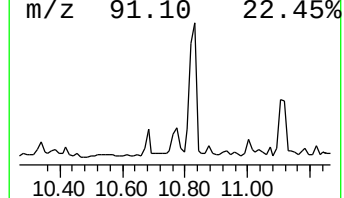
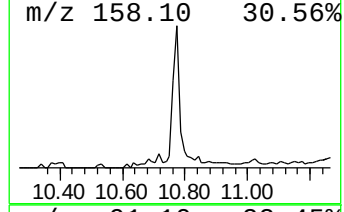
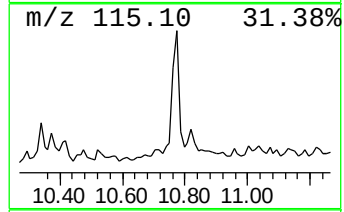
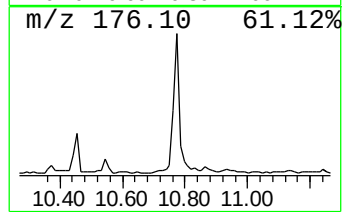
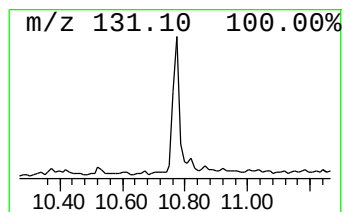
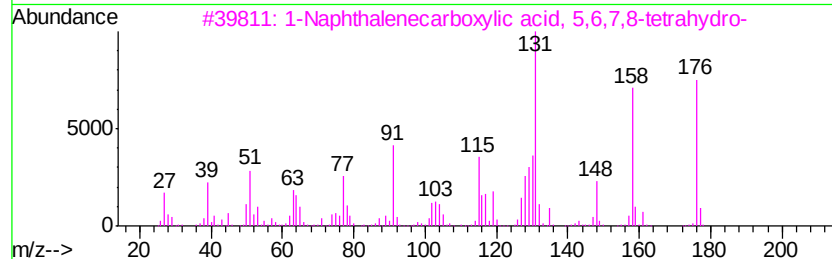
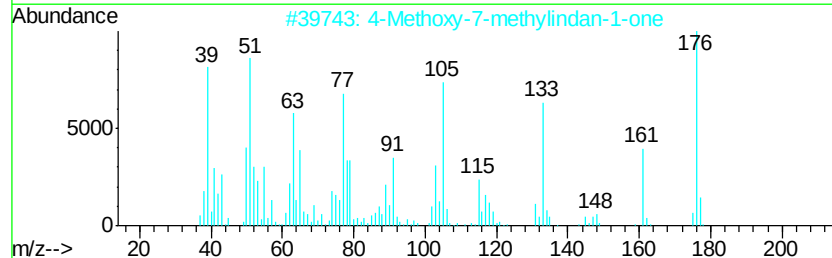
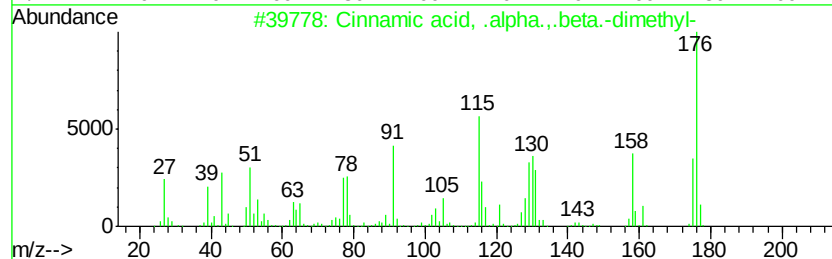
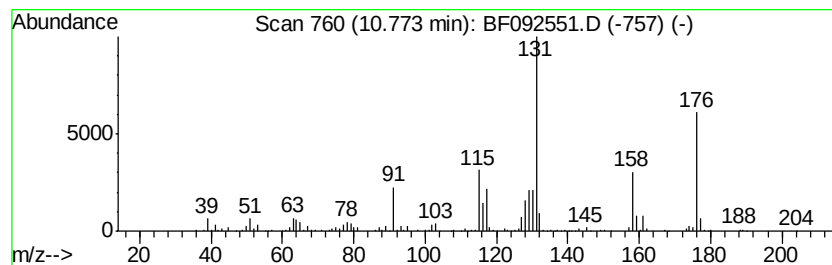
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cinnamic acid, .alpha.,.bet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	5.40 ng	377807	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	60
2		4-Methoxy-7-methylindan-1-one	176	C11H12O2	103988-25-6	56
3		1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	53
4		3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	53
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092551.D
Acq On : 27 Jan 2017 3:21
Operator : SJ/MA
Sample : I1452-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

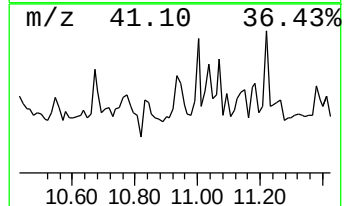
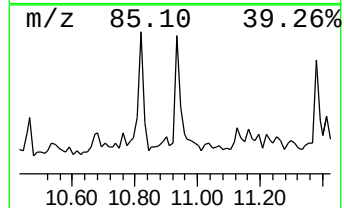
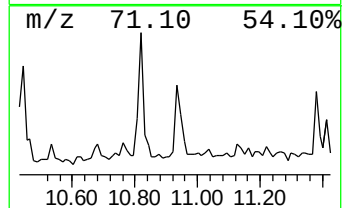
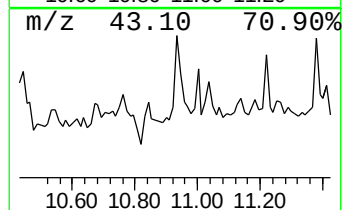
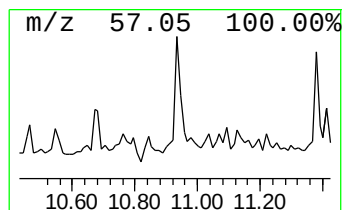
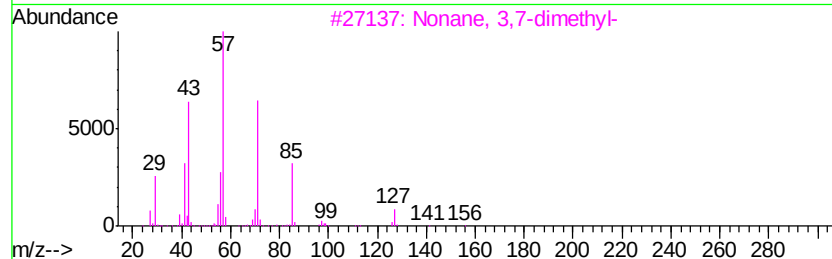
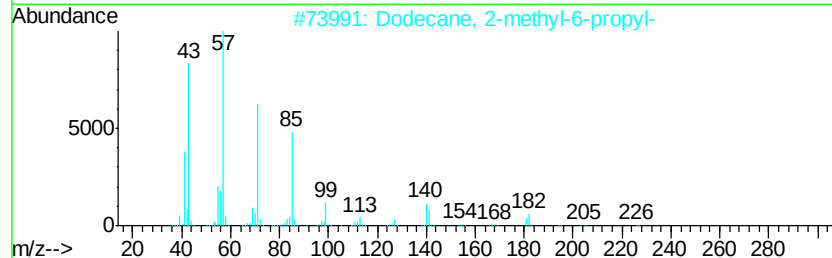
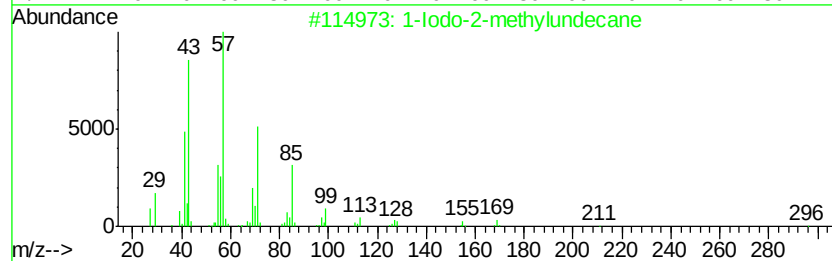
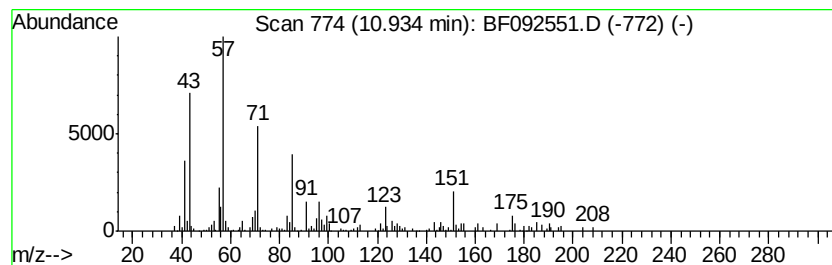
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Iodo-2-methylundecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	2.37 ng	165516	Phenanthrene-d10	11.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Iodo-2-methylundecane	296 C12H25I	073105-67-6 50
2		Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4 50
3		Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8 50
4		Hexadecane	226 C16H34	000544-76-3 43
5		Pentadecane	212 C15H32	000629-62-9 35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092551.D
Acq On : 27 Jan 2017 3:21
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Sample : I1452-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

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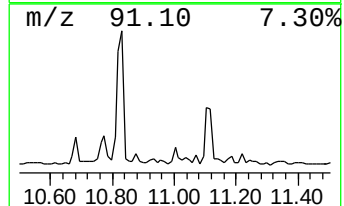
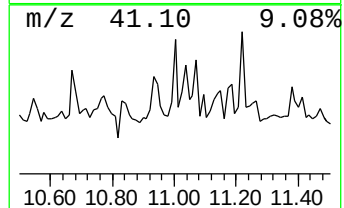
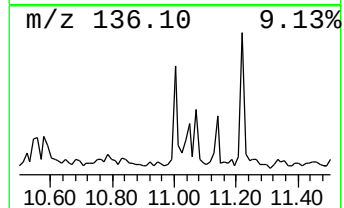
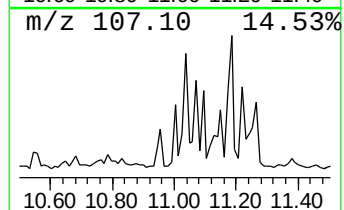
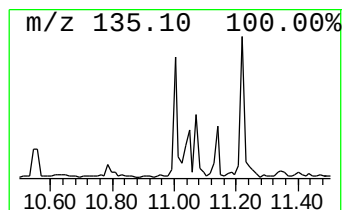
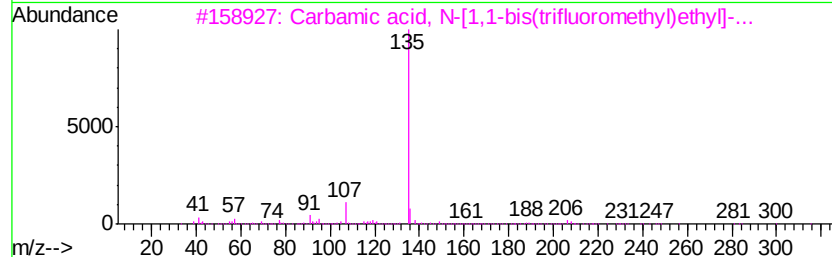
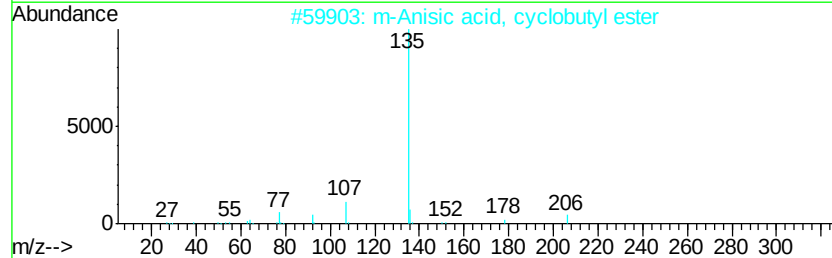
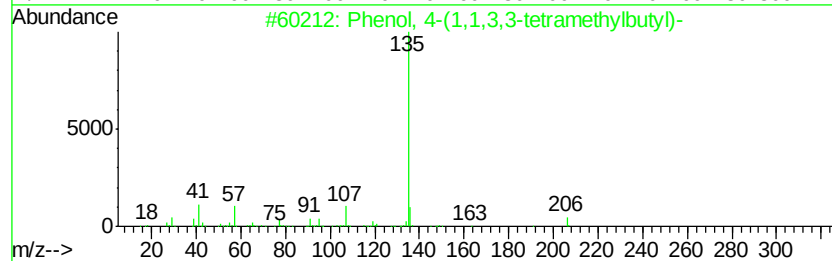
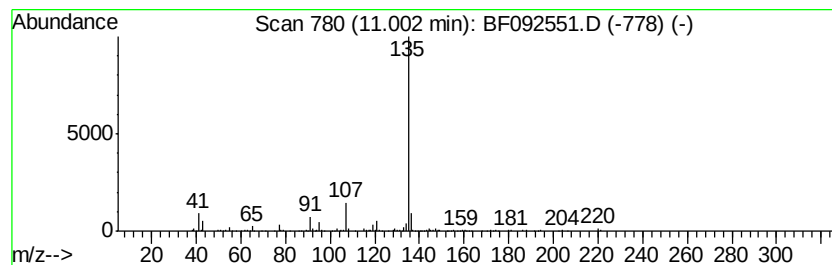
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	2.57 ng	179905	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2		m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	64
3		Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6N02	296242-69-8	56
4		((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
5		Thiocyanic acid, phenyl ester	135	C7H5NS	005285-87-0	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092551.D
Acq On : 27 Jan 2017 3:21
Operator : SJ/MA
Sample : I1452-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

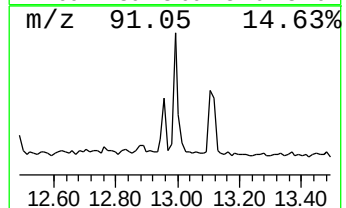
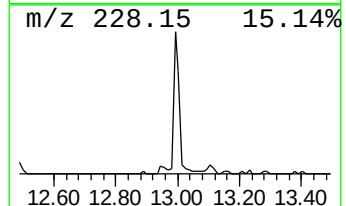
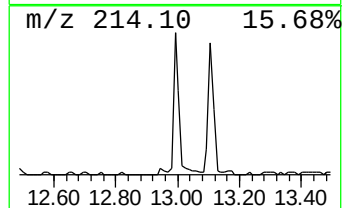
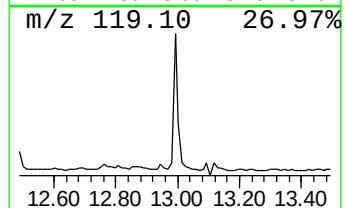
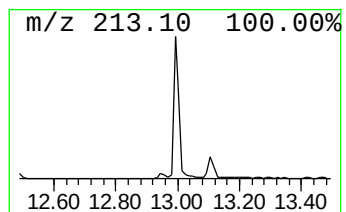
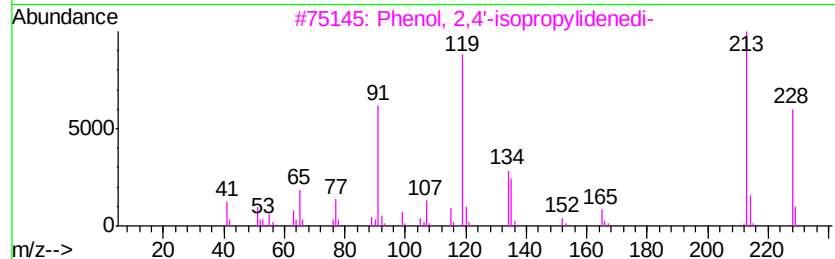
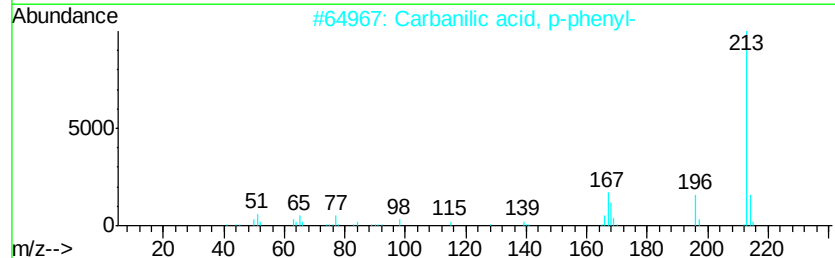
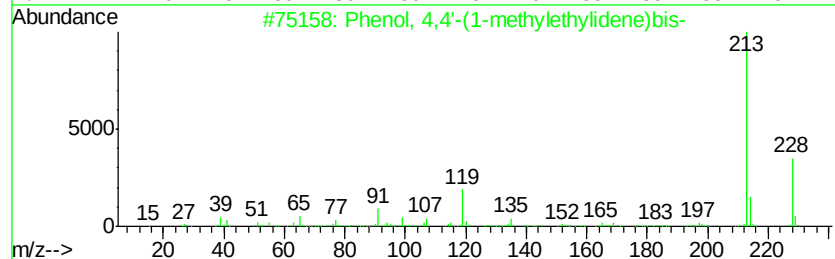
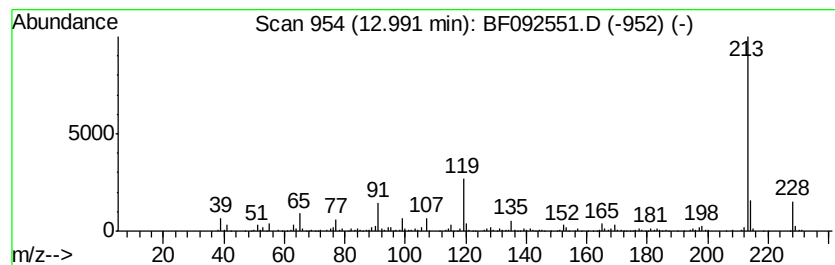
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.99	8.45 ng	492020	Chrysene-d12	14.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	47
3	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	45
4	Trimethyl[5-(trimethylsilyl)-2-t...	228	C10H20SSi2	017906-71-7	42
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
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Misc :
ALS Vial : 40 Sample Multiplier: 1

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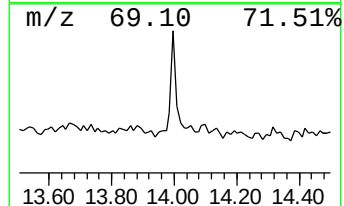
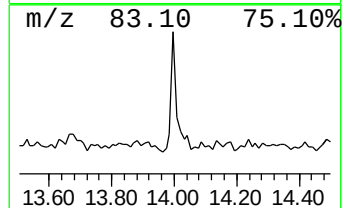
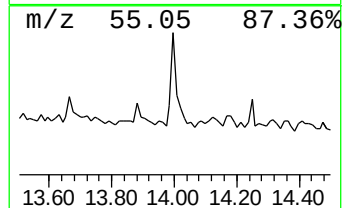
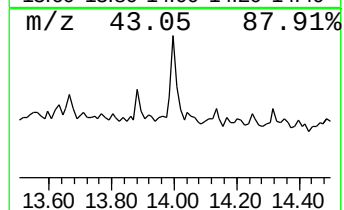
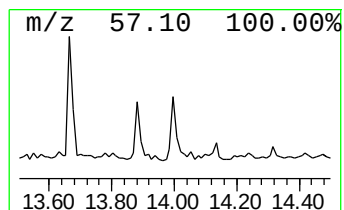
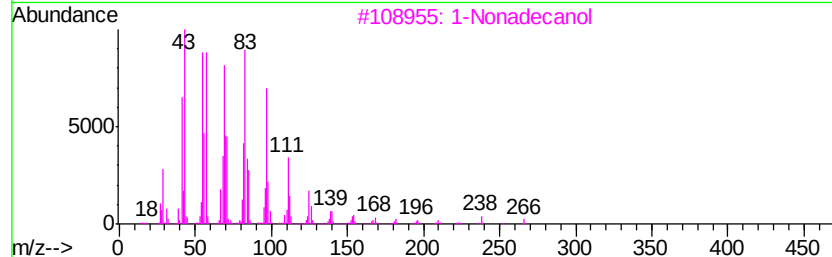
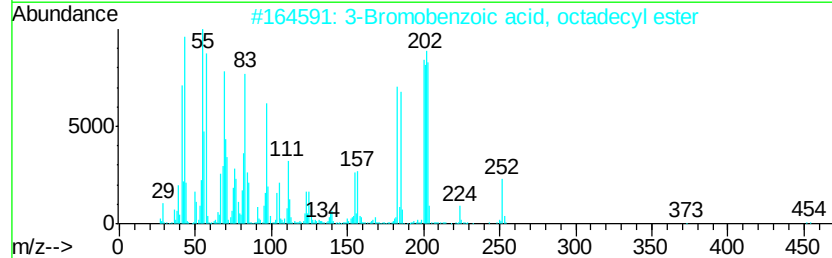
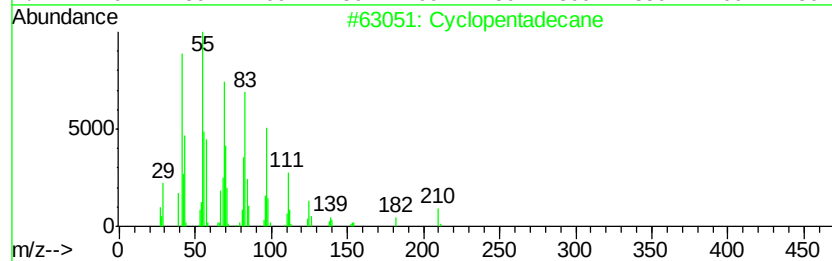
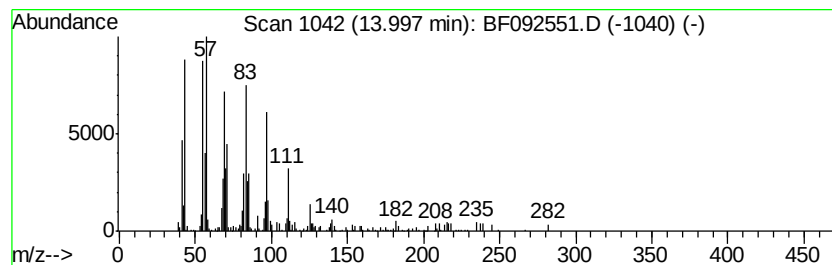
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cyclopentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	2.58 ng	150120	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	98
2		3-Bromobenzoic acid, octadecyl e...	452	C25H41BrO2	070153-14-9	96
3		1-Nonadecanol	284	C19H40O	001454-84-8	94
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092551.D
 Acq On : 27 Jan 2017 3:21
 Operator : SJ/MA
 Sample : I1452-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-43

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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
2-Pentanone, 4-hy...	5.15	11.1 ng		623919	1	6.97	1119990	20.0
unknown6.74	6.74	72.4 ng		4054280	1	6.97	1119990	20.0
unknown8.17	8.17	2.4 ng		163100	2	8.26	1351400	20.0
unknown8.74	8.74	2.4 ng		160273	2	8.26	1351400	20.0
4,5-Heptadien-2-o...	9.01	5.3 ng		358660	2	8.26	1351400	20.0
unknown9.05	9.05	2.4 ng		165140	2	8.26	1351400	20.0
unknown9.12	9.12	2.2 ng		149503	2	8.26	1351400	20.0
Propanoic acid, 2...	9.22	3.3 ng		245428	3	10.03	1508660	20.0
p-(Methylthio)ben...	9.45	3.0 ng		225564	3	10.03	1508660	20.0
unknown10.18	10.18	2.3 ng		172209	3	10.03	1508660	20.0
unknown10.34	10.34	3.4 ng		254731	3	10.03	1508660	20.0
Benzenesulfonamid...	10.68	2.2 ng		168411	3	10.03	1508660	20.0
Cinnamic acid, .a...	10.77	5.4 ng		377807	4	11.52	1399560	20.0
1-Iodo-2-methylun...	10.93	2.4 ng		165516	4	11.52	1399560	20.0
Phenol, 4-(1,1,3,...	11.00	2.6 ng		179905	4	11.52	1399560	20.0
Phenol, 4,4'-(1-m...	12.99	8.4 ng		492020	5	14.16	1164870	20.0
Cyclopentadecane	14.00	2.6 ng		150120	5	14.16	1164870	20.0