

Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
 Data File : BF093479.D
 Acq On : 9 Mar 2017 15:49
 Operator : SJ/MA
 Sample : I2133-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB411GW

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-BF030717.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	4.916	263	265	271	rBV	553741	682703	12.88%	1.411%
2	5.361	303	304	321	rBV	855299	1572657	29.67%	3.251%
3	5.761	335	339	342	rBV	63501	85227	1.61%	0.176%
4	5.910	347	352	355	rBV2	45654	71551	1.35%	0.148%
5	6.424	395	397	404	rBV	542455	1134571	21.41%	2.345%
6	6.527	404	406	410	rBV	1835105	2446302	46.16%	5.057%
7	6.710	419	422	424	rBV2	82832	106117	2.00%	0.219%
8	6.756	424	426	430	rBV2	951657	1222192	23.06%	2.526%
9	6.882	435	437	438	rBV	126037	131988	2.49%	0.273%
10	6.916	438	440	445	rVB	3928747	3849122	72.63%	7.957%
11	7.007	447	448	454	rVB2	136773	320288	6.04%	0.662%
12	7.099	454	456	459	rBV2	177170	248950	4.70%	0.515%
13	7.202	463	465	469	rVB2	66136	136749	2.58%	0.283%
14	7.304	472	474	475	rBV	265909	322837	6.09%	0.667%
15	7.339	475	477	479	rBV	3410112	3622364	68.35%	7.488%
16	7.407	481	483	485	rVB2	65271	86424	1.63%	0.179%
17	7.545	490	495	496	rVB	209444	334698	6.32%	0.692%
18	7.613	498	501	503	rBV3	37914	67596	1.28%	0.140%
19	7.659	503	505	506	rVB2	68982	71706	1.35%	0.148%
20	7.727	506	511	514	rVB2	222784	468272	8.84%	0.968%
21	7.785	514	516	518	rBV2	719376	880876	16.62%	1.821%
22	7.865	521	523	526	rVB3	60722	111502	2.10%	0.230%
23	7.922	526	528	530	rVB	97770	83909	1.58%	0.173%
24	8.047	532	539	542	rBV2	1222153	2417597	45.62%	4.997%
25	8.093	542	543	545	rVB	268570	279681	5.28%	0.578%
26	8.139	545	547	549	rVB2	127725	145616	2.75%	0.301%
27	8.207	551	553	554	rBV	102338	111312	2.10%	0.230%
28	8.253	554	557	559	rVB2	202881	274631	5.18%	0.568%
29	8.299	559	561	562	rBV	166470	221027	4.17%	0.457%
30	8.333	562	564	567	rVB2	164656	244073	4.61%	0.505%
31	8.436	571	573	576	rBV	323871	317804	6.00%	0.657%
32	8.516	578	580	582	rBV2	267041	366311	6.91%	0.757%
33	8.550	582	583	585	rVB	261097	284732	5.37%	0.589%
34	8.607	586	588	590	rBV2	52409	78450	1.48%	0.162%

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35	8.642	590	591	593	rVB2	177142	142340	2.69%	0.294%
36	8.710	593	597	599	rBV3	438362	531226	10.02%	1.098%
37	8.745	599	600	601	rVB	96671	66316	1.25%	0.137%
38	8.802	601	605	606	rBV3	46720	70904	1.34%	0.147%
39	8.870	607	611	612	rBV	392140	568469	10.73%	1.175%
40	8.950	616	618	620	rBV2	48234	76445	1.44%	0.158%
41	8.996	620	622	623	rBV	63312	60861	1.15%	0.126%
42	9.019	623	624	627	rBV3	48910	72662	1.37%	0.150%
43	9.088	627	630	631	rBV3	47987	92139	1.74%	0.190%
44	9.133	631	634	636	rBV	4805377	5299966	100.00%	10.956%
45	9.270	643	646	648	rBV2	172092	266236	5.02%	0.550%
46	9.305	648	649	650	rVV	106938	91470	1.73%	0.189%
47	9.339	650	652	653	rVB	154525	173366	3.27%	0.358%
48	9.396	654	657	659	rBV	500528	559592	10.56%	1.157%
49	9.465	660	663	664	rVV	1106656	1219184	23.00%	2.520%
50	9.488	664	665	667	rVV2	417834	531705	10.03%	1.099%
51	9.533	667	669	670	rVV	226082	305633	5.77%	0.632%
52	9.579	671	673	678	rVB	398061	612342	11.55%	1.266%
53	9.659	678	680	683	rVB	231298	339895	6.41%	0.703%
54	9.716	683	685	689	rVB4	40892	69433	1.31%	0.144%
55	9.808	690	693	694	rVV	1341402	1575365	29.72%	3.256%
56	9.842	694	696	700	rVB2	184943	288993	5.45%	0.597%
57	9.910	700	702	704	rVB	153387	197540	3.73%	0.408%
58	9.956	704	706	707	rBV2	70865	80399	1.52%	0.166%
59	10.002	707	710	712	rBV2	230266	357270	6.74%	0.739%
60	10.048	712	714	716	rVB	268878	277243	5.23%	0.573%
61	10.116	718	720	722	rBV	237941	319812	6.03%	0.661%
62	10.150	722	723	725	rVV	164529	134910	2.55%	0.279%
63	10.230	725	730	732	rVB3	271838	551337	10.40%	1.140%
64	10.299	734	736	737	rBV	60846	58972	1.11%	0.122%
65	10.345	738	740	743	rVV3	167793	287476	5.42%	0.594%
66	10.413	744	746	747	rVV	332940	331250	6.25%	0.685%
67	10.493	751	753	756	rVB4	68934	160570	3.03%	0.332%
68	10.596	760	762	768	rVB	1487569	1576120	29.74%	3.258%
69	10.711	770	772	776	rVB2	166685	275566	5.20%	0.570%
70	10.779	776	778	780	rBV2	116810	174524	3.29%	0.361%
71	10.893	786	788	790	rBV2	54633	93992	1.77%	0.194%

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72	10.928	790	791	795	rVB	164738	149000	2.81%	0.308%
73	11.145	808	810	812	rBV3	74568	129863	2.45%	0.268%
74	11.282	820	822	824	rBV	896615	1276905	24.09%	2.640%
75	11.579	846	848	849	rVB	67758	70670	1.33%	0.146%
76	11.625	849	852	854	rBV3	24181	54408	1.03%	0.112%
77	11.785	865	866	868	rBV2	36942	61798	1.17%	0.128%
78	11.819	868	869	872	rVV	88381	98305	1.85%	0.203%
79	11.899	874	876	882	rVB2	59644	119750	2.26%	0.248%
80	11.979	882	883	886	rBV	57348	57416	1.08%	0.119%
81	12.688	943	945	947	rVB	165442	141579	2.67%	0.293%
82	12.768	951	952	957	rVB2	62880	77530	1.46%	0.160%
83	12.871	959	961	964	rBV	3424608	3291890	62.11%	6.805%
84	13.397	1005	1007	1008	rBV	106824	95508	1.80%	0.197%
85	13.785	1040	1041	1045	rVB4	44441	65095	1.23%	0.135%
86	13.934	1052	1054	1056	rBV	849024	1048942	19.79%	2.168%
87	15.351	1175	1178	1183	rBV	545534	880484	16.61%	1.820%
88	16.185	1248	1251	1256	rVB4	30395	65899	1.24%	0.136%

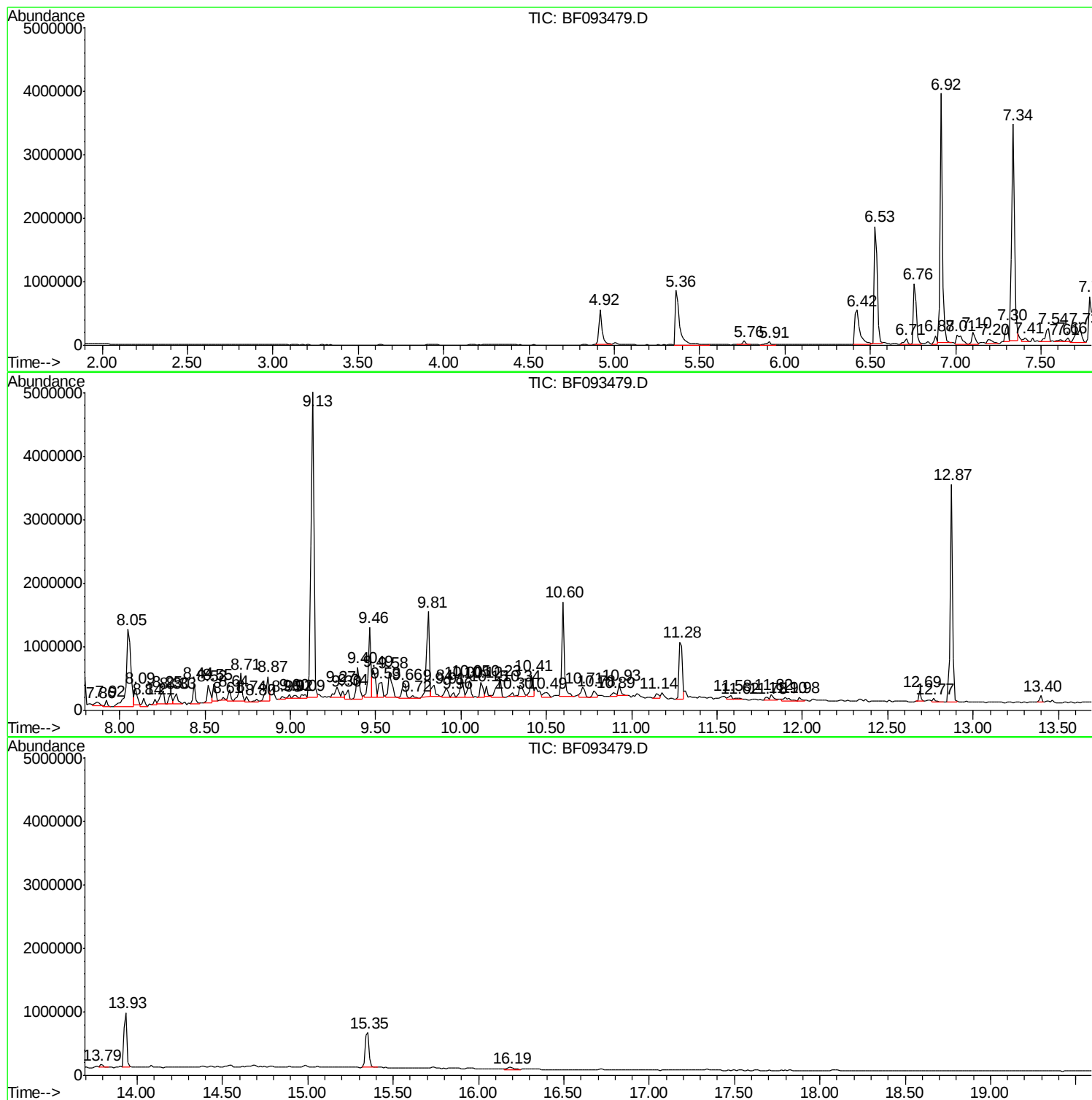
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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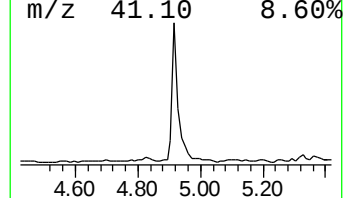
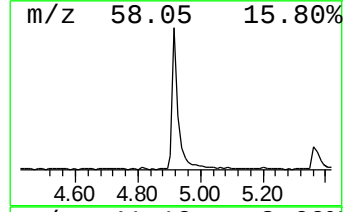
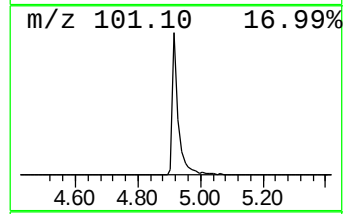
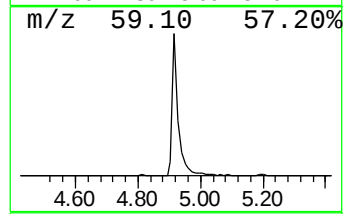
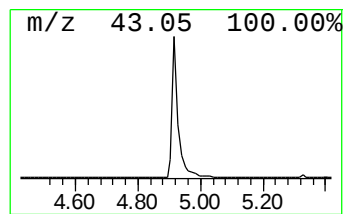
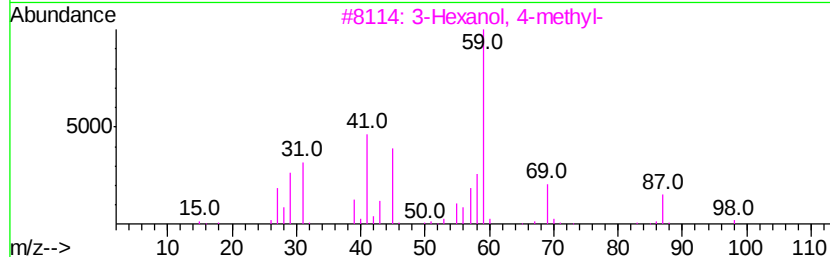
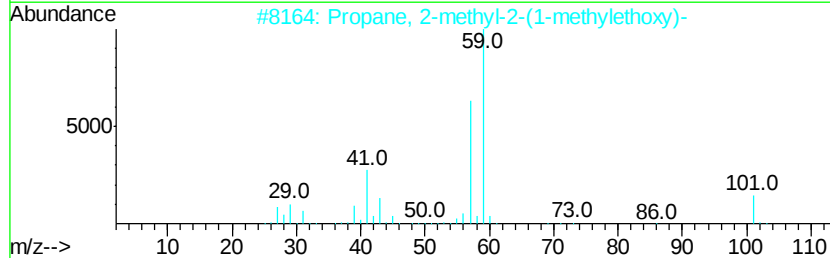
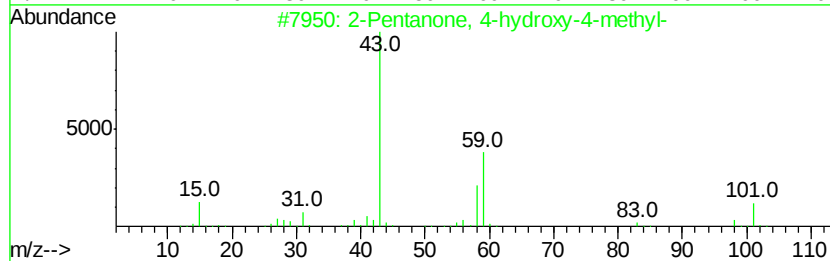
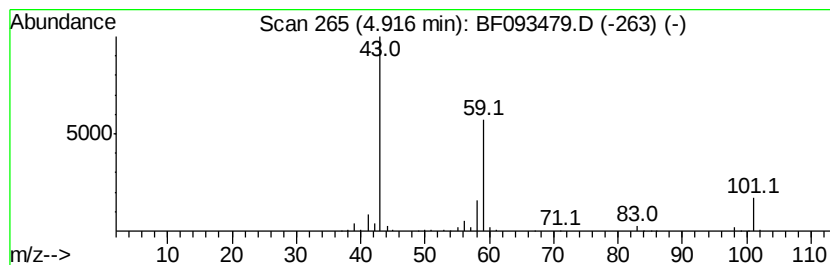
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	11.17 ng	682703	1,4-Dichlorobenzene-d4	6.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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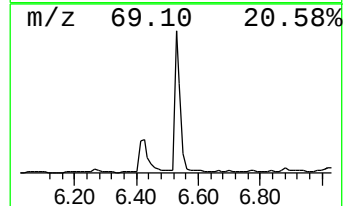
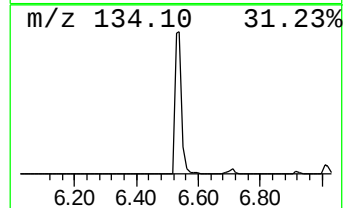
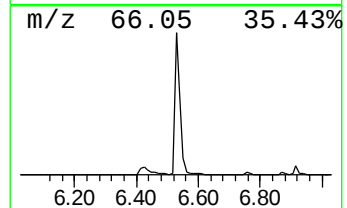
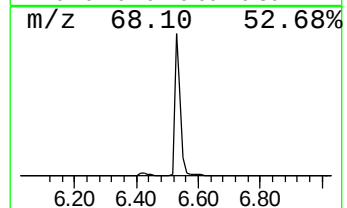
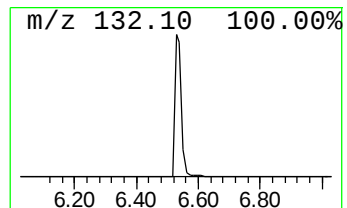
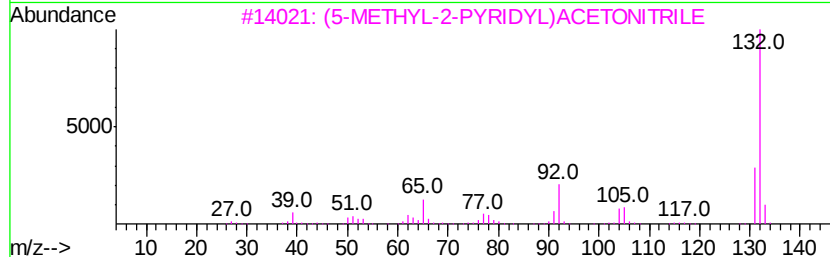
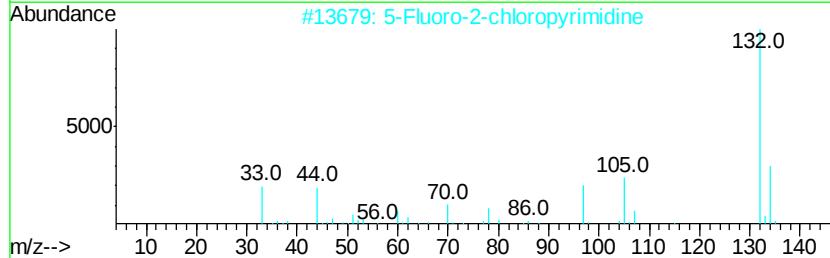
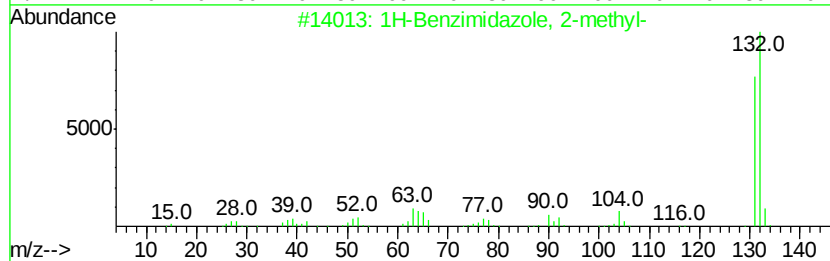
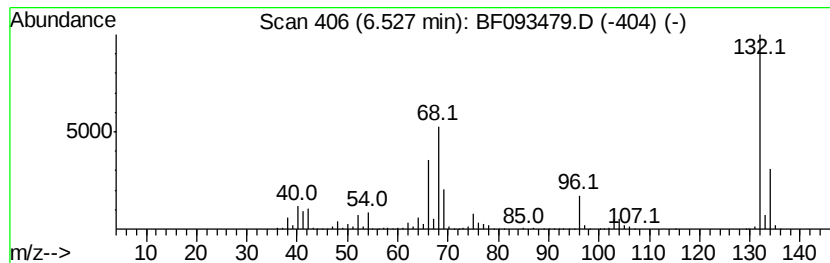
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	40.03 ng	2446300	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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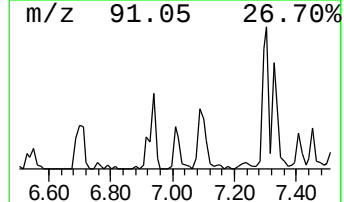
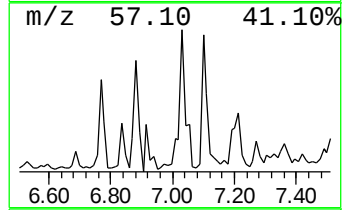
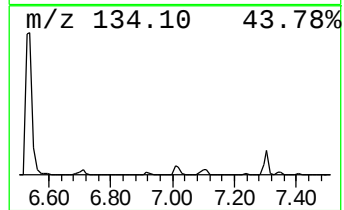
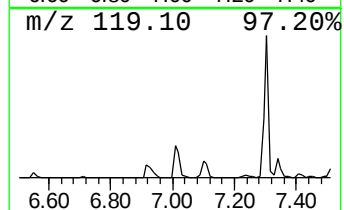
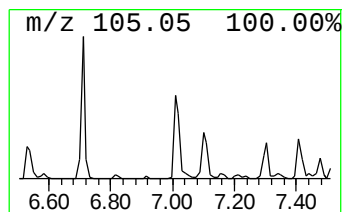
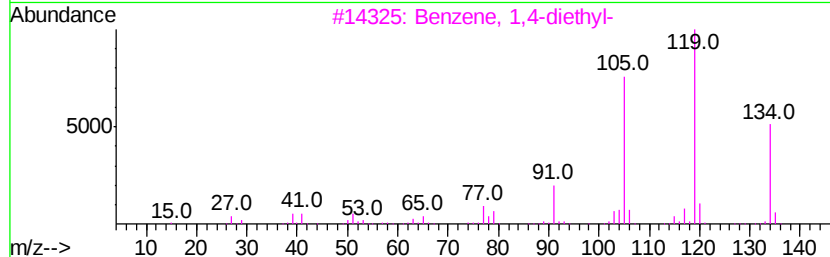
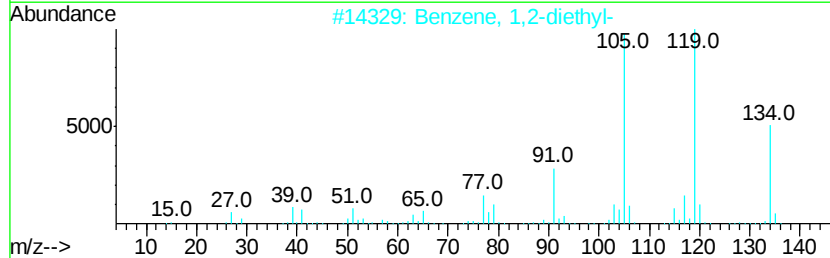
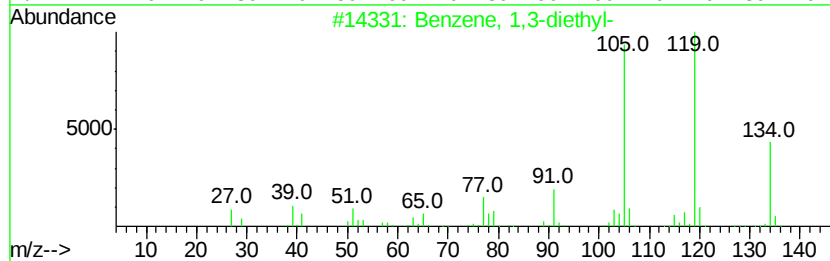
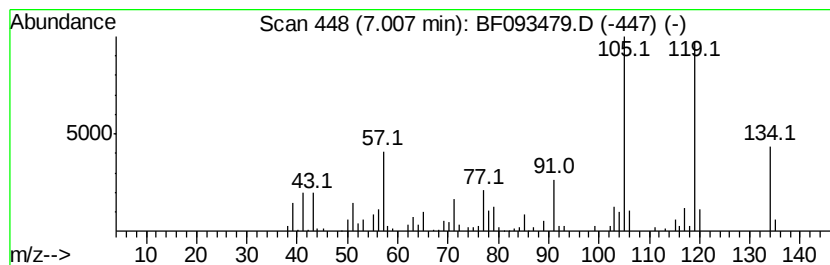
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	5.24 ng	320288	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81



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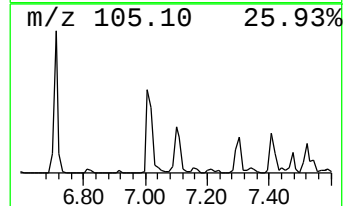
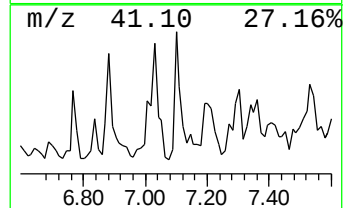
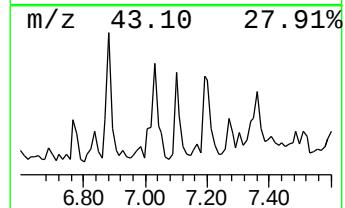
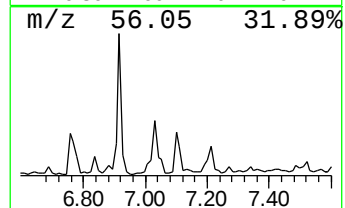
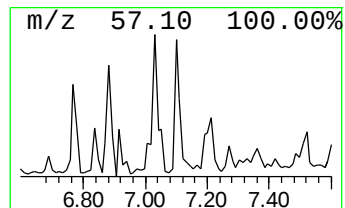
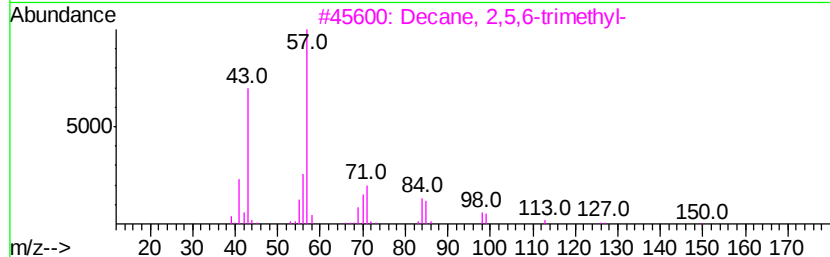
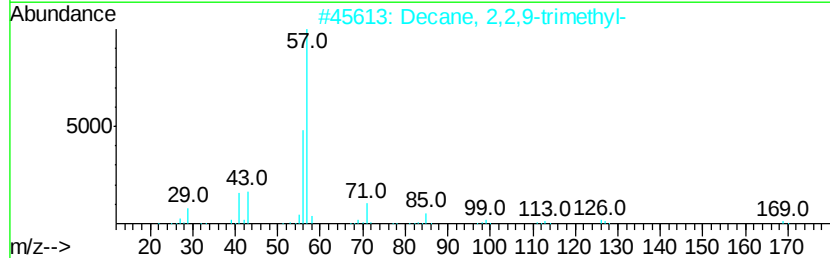
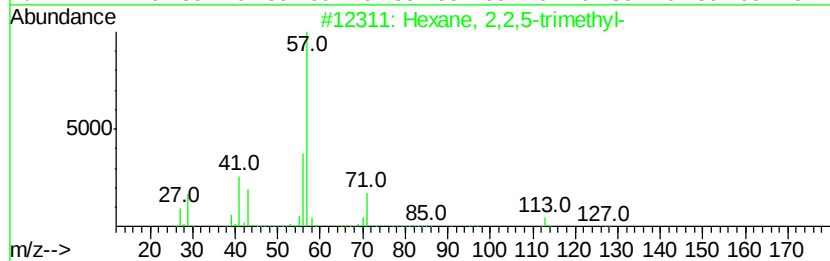
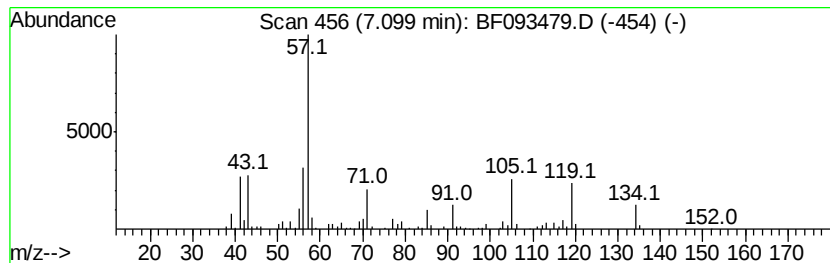
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.10 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	4.07 ng	248950	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	35
2		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	35
3		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	32
4		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	25
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	25



Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
Data File : BF093479.D
Acq On : 9 Mar 2017 15:49
Operator : SJ/MA
Sample : I2133-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB411GW

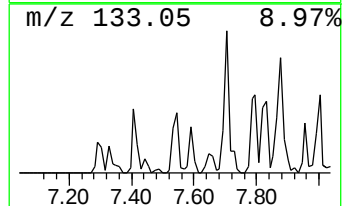
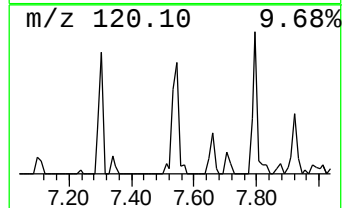
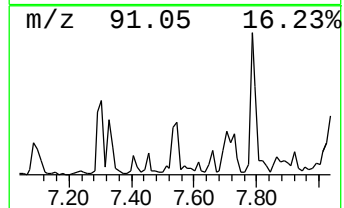
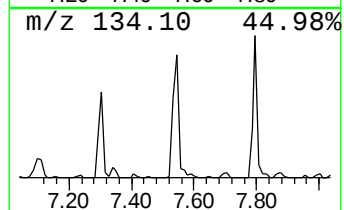
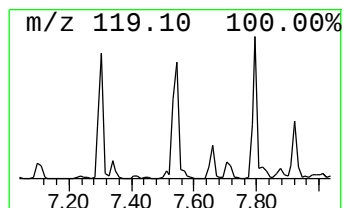
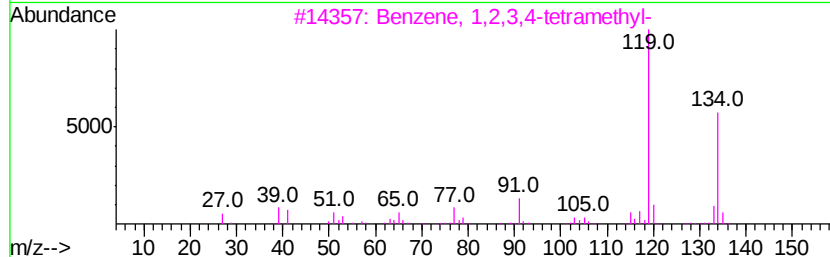
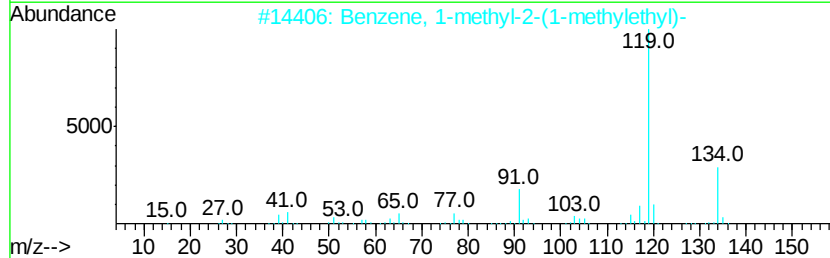
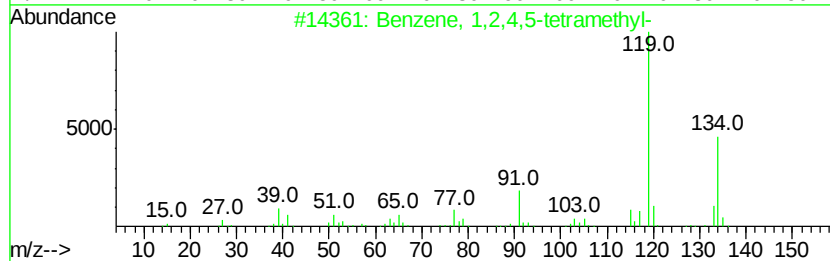
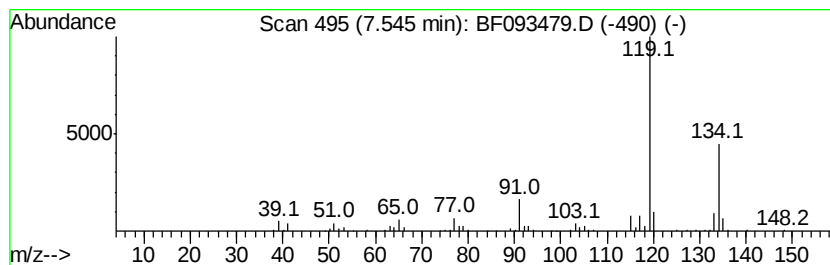
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	2.77 ng	334698	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	91



Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
Data File : BF093479.D
Acq On : 9 Mar 2017 15:49
Operator : SJ/MA
Sample : I2133-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

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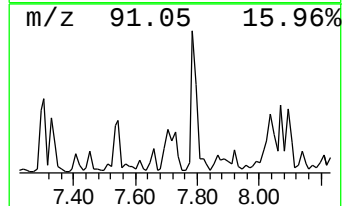
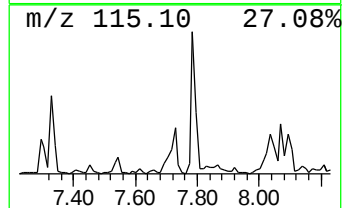
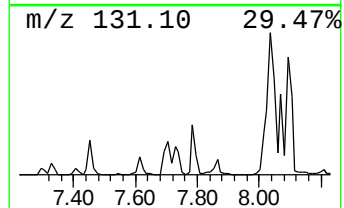
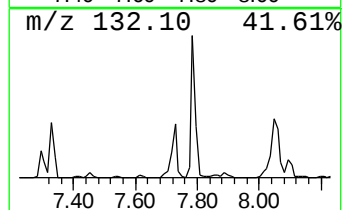
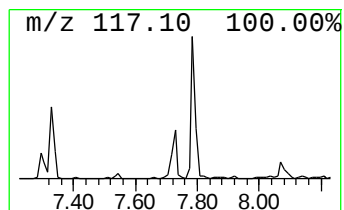
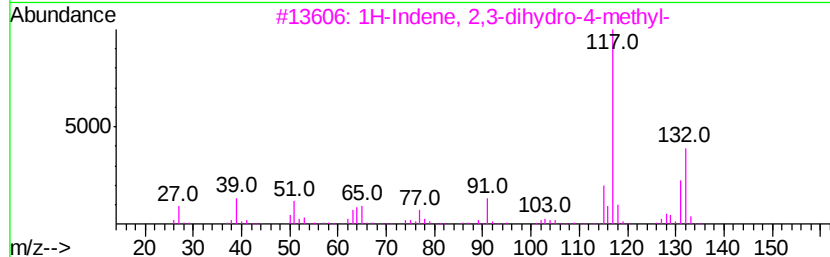
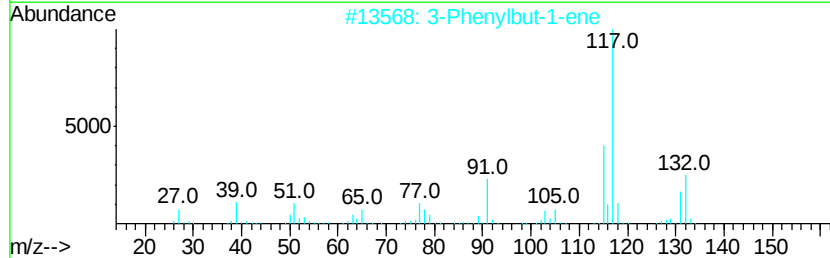
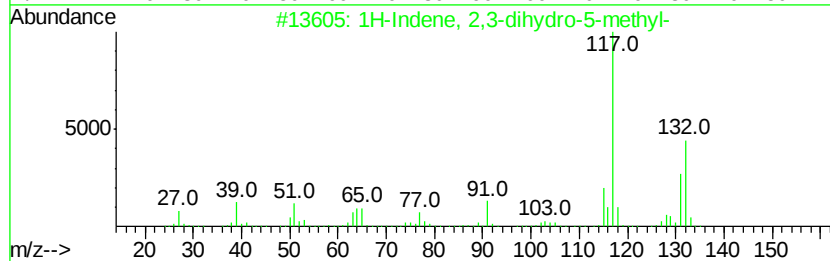
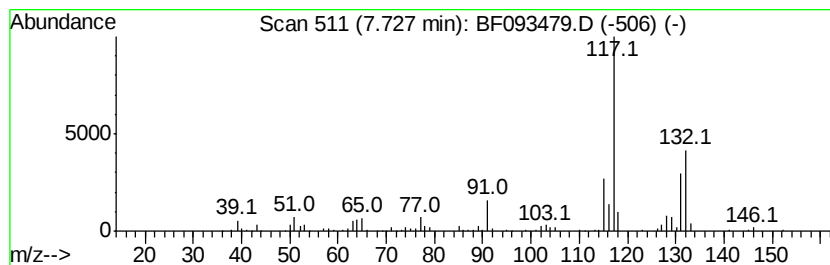
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	3.87 ng	468272	Napthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5		3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	86



Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
Data File : BF093479.D
Acq On : 9 Mar 2017 15:49
Operator : SJ/MA
Sample : I2133-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

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ClientSampleId :
HY-SB411GW

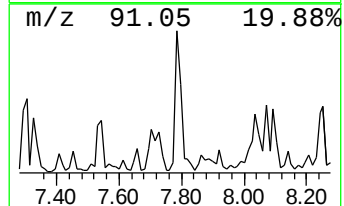
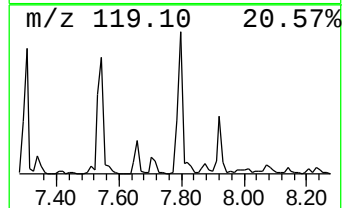
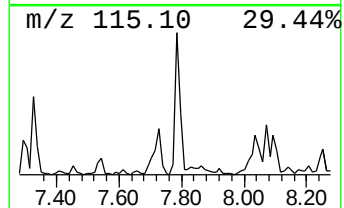
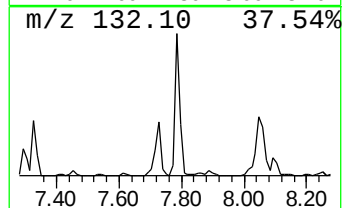
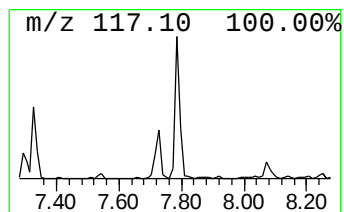
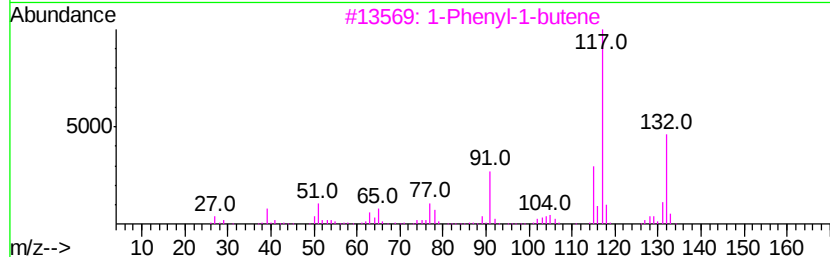
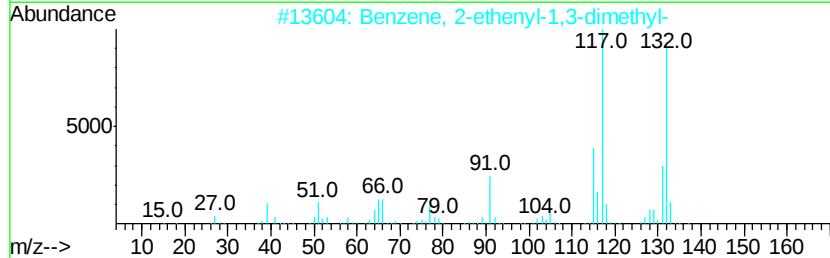
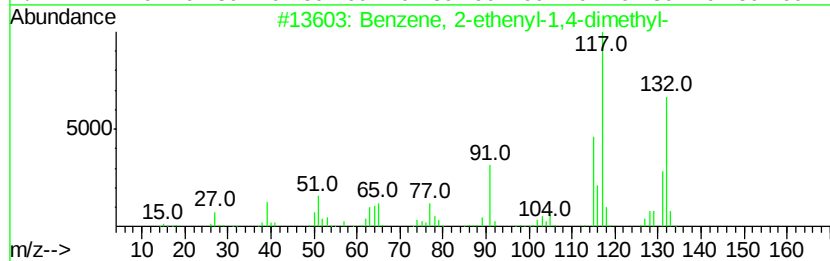
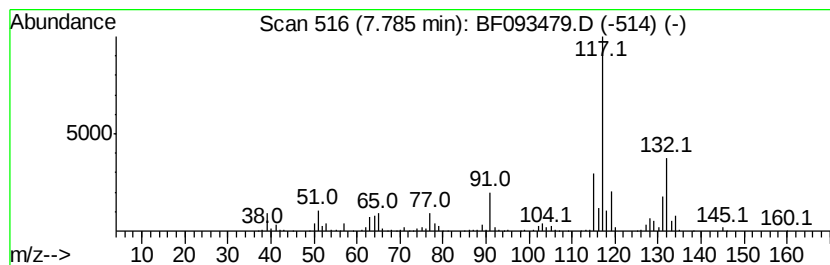
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	7.29 ng	880876	Napthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	89
5		Indan, 1-methyl-	132	C10H12	000767-58-8	87



Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
Data File : BF093479.D
Acq On : 9 Mar 2017 15:49
Operator : SJ/MA
Sample : I2133-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

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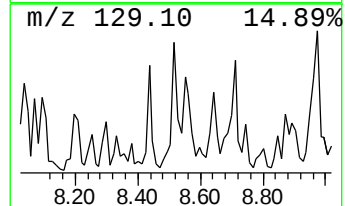
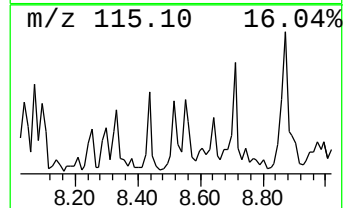
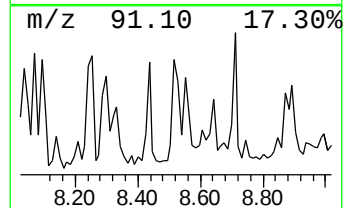
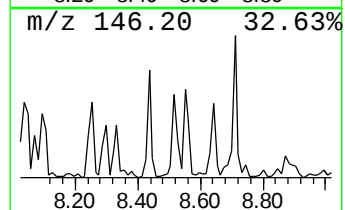
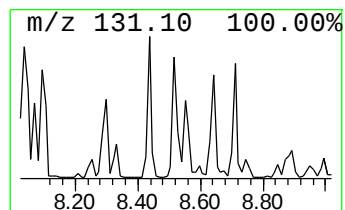
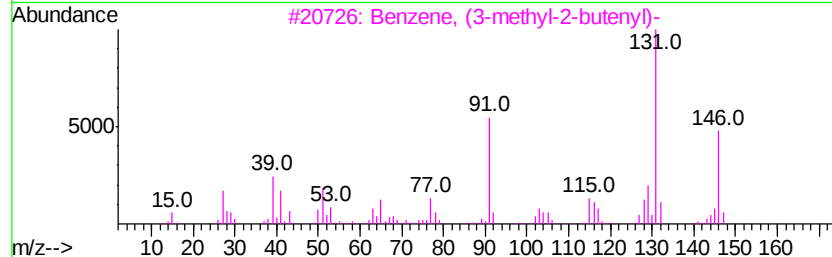
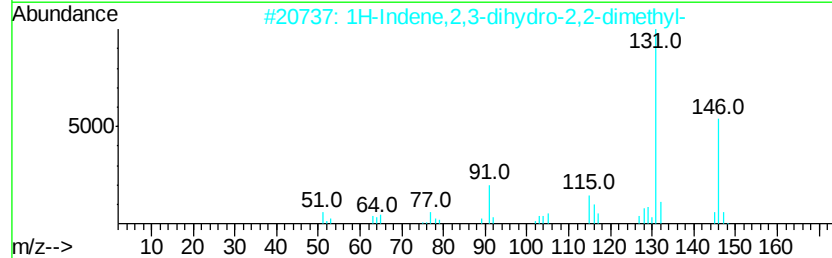
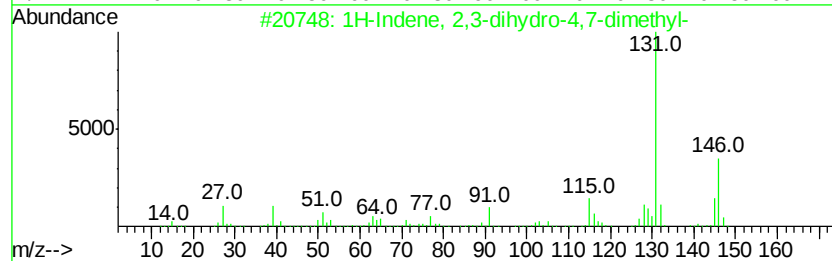
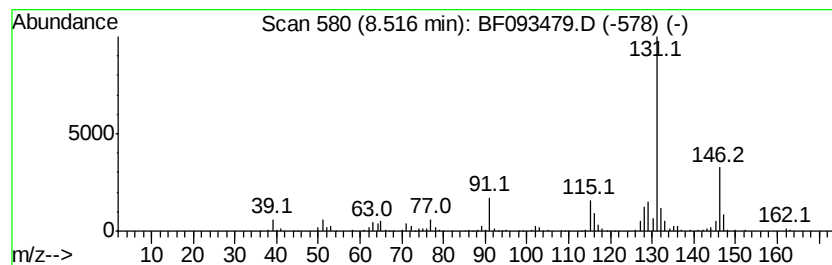
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	3.03 ng	366311	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	91
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	91
5		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91



Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
Data File : BF093479.D
Acq On : 9 Mar 2017 15:49
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ALS Vial : 47 Sample Multiplier: 1

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ClientSampleId :
HY-SB411GW

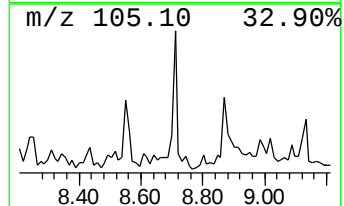
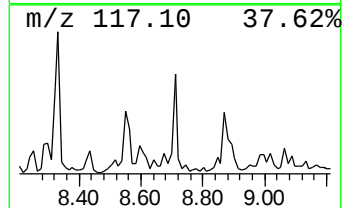
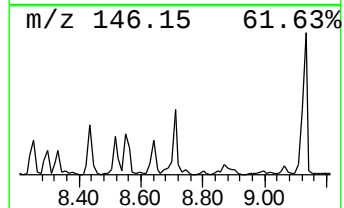
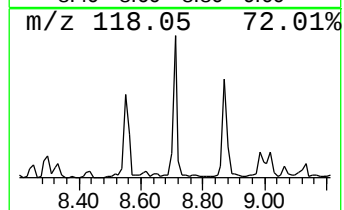
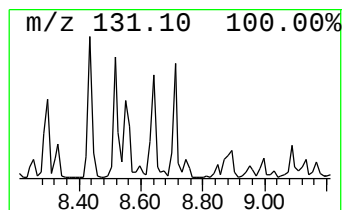
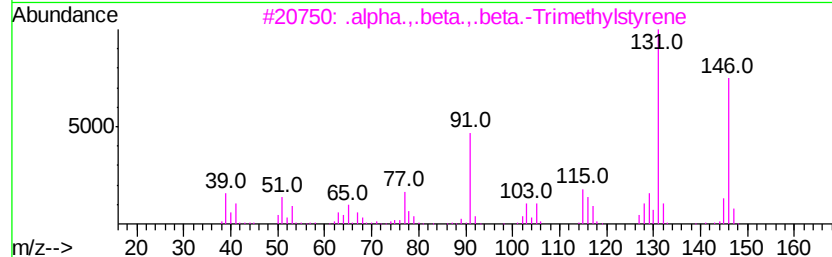
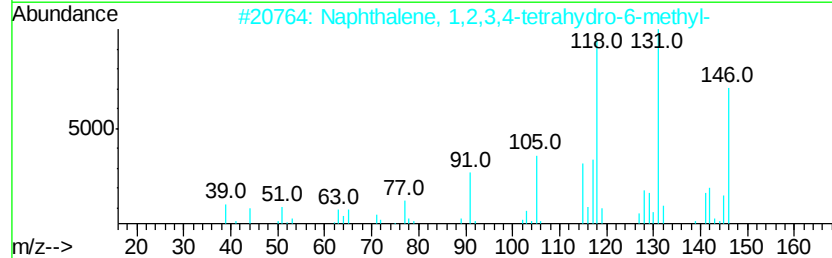
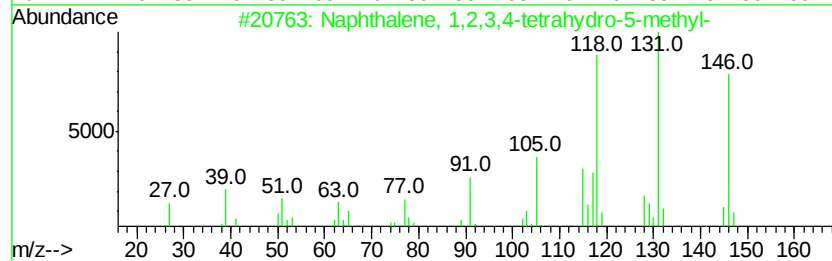
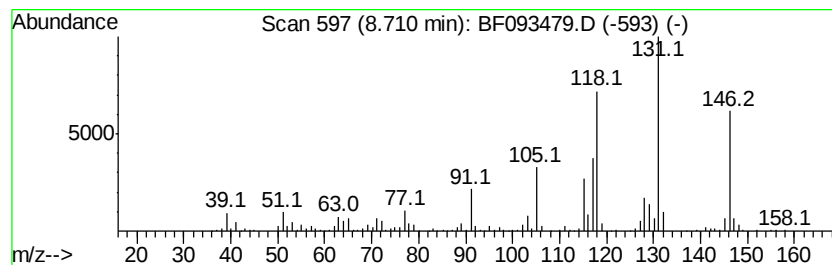
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	4.39 ng	531226	Naphthalene-d8	8.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3			.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	64
4			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	64
5			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030817\
Data File : BF093479.D
Acq On : 9 Mar 2017 15:49
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Misc :
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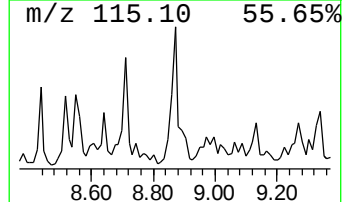
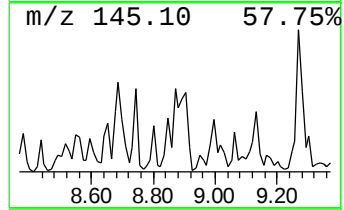
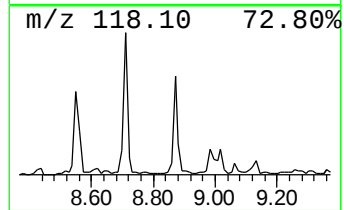
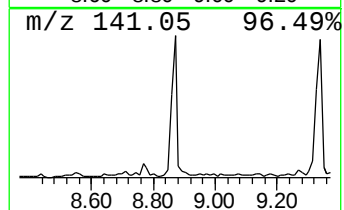
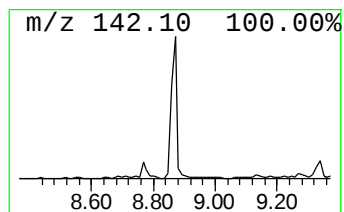
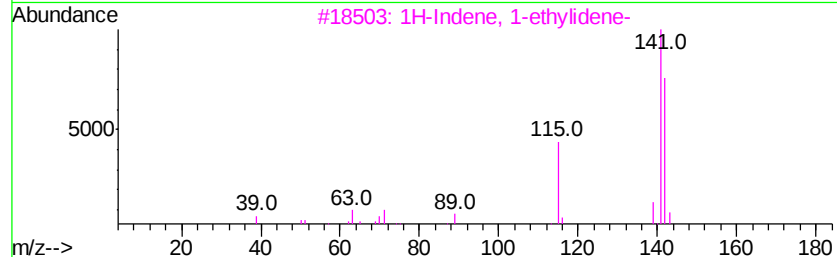
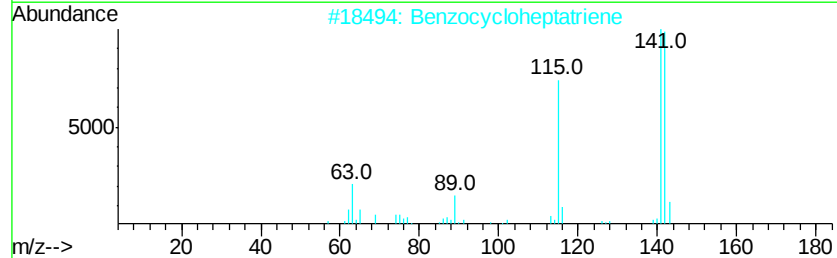
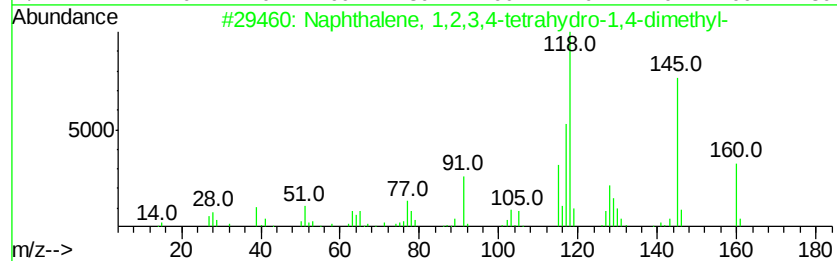
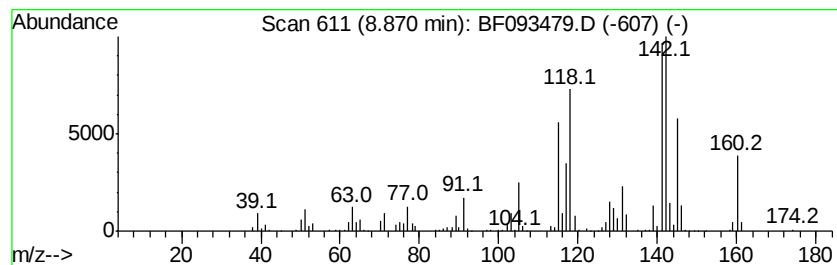
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	4.70 ng	568469	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	80
2		Benzocycloheptatriene	142	C11H10	000264-09-5	70
3		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	55
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	55
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	55



Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
Data File : BF093479.D
Acq On : 9 Mar 2017 15:49
Operator : SJ/MA
Sample : I2133-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

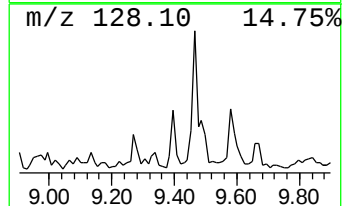
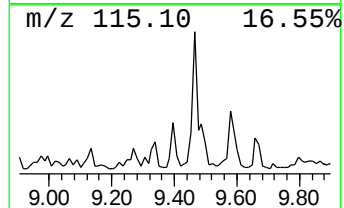
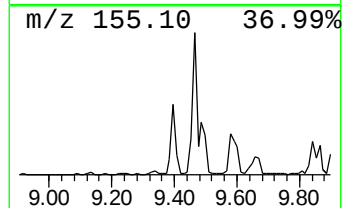
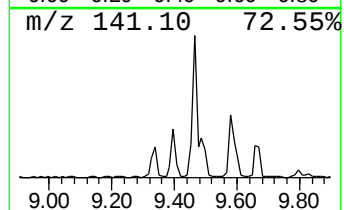
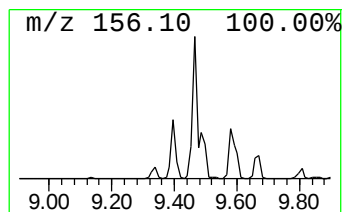
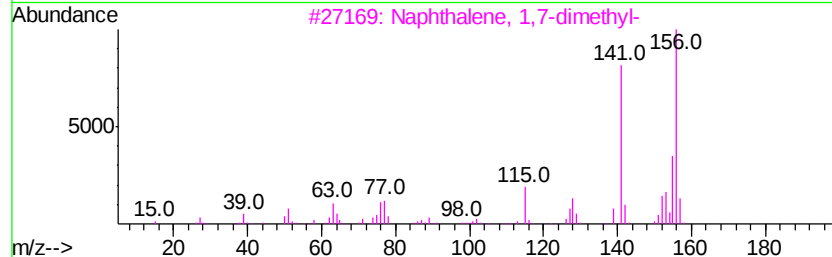
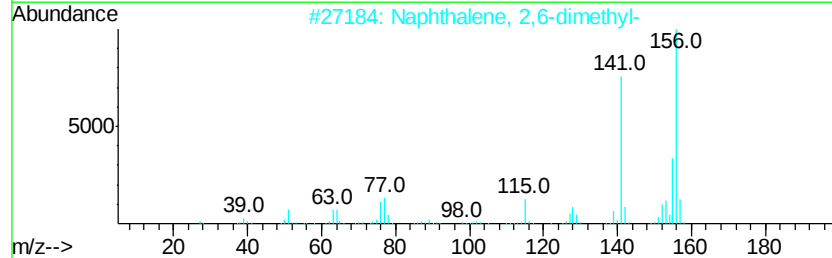
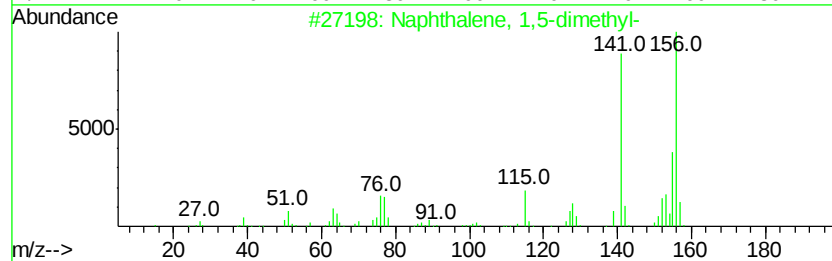
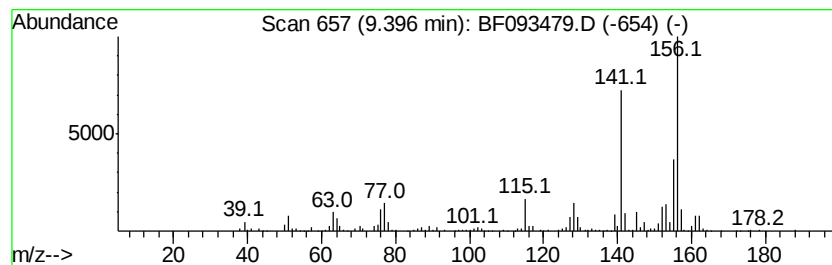
Instrument :
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ClientSampleId :
HY-SB411GW

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.40	7.10 ng	559592	Acenaphthene-d10		9.81
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
Data File : BF093479.D
Acq On : 9 Mar 2017 15:49
Operator : SJ/MA
Sample : I2133-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB411GW

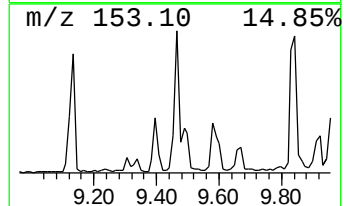
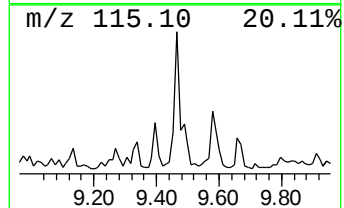
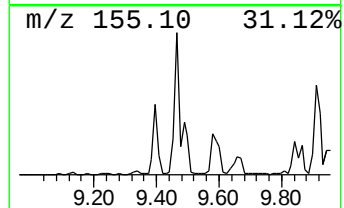
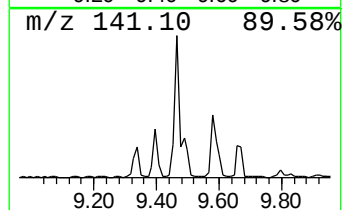
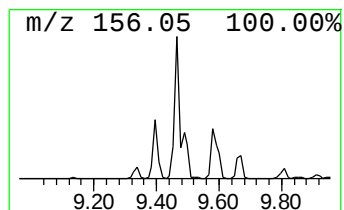
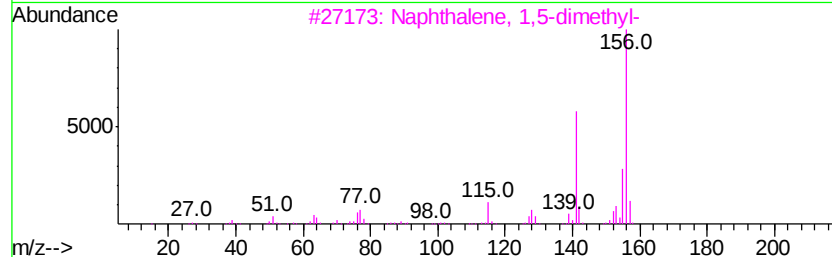
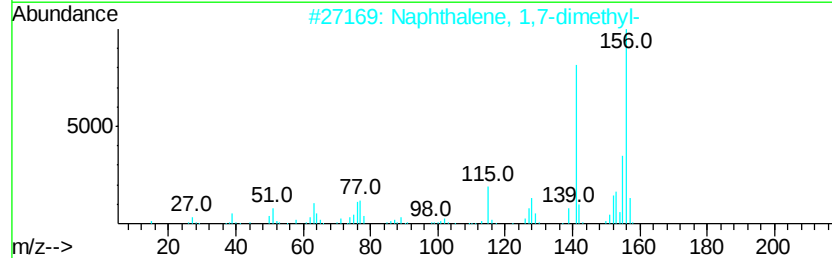
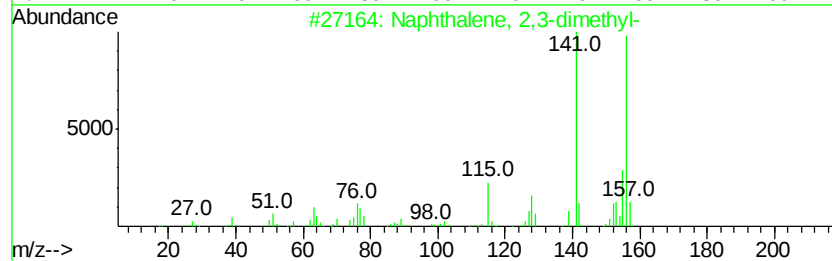
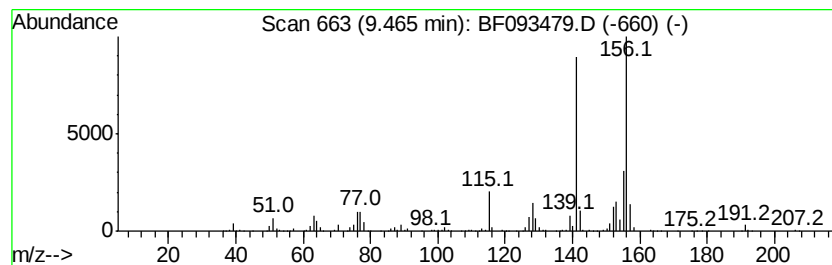
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	15.48 ng	1219180	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
Data File : BF093479.D
Acq On : 9 Mar 2017 15:49
Operator : SJ/MA
Sample : I2133-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB411GW

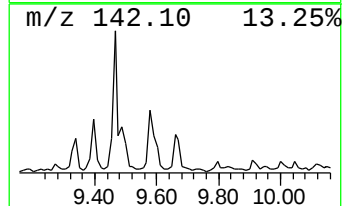
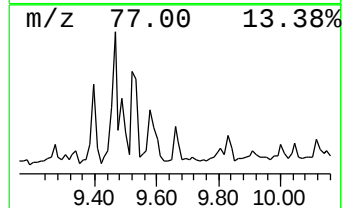
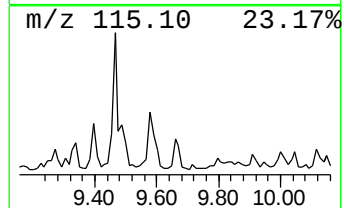
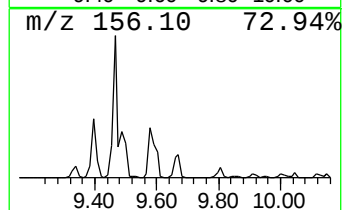
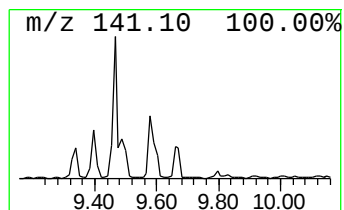
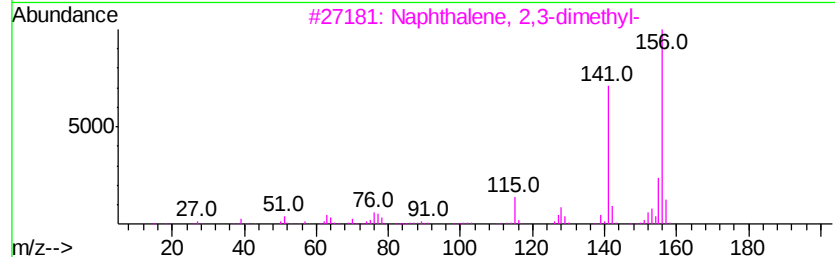
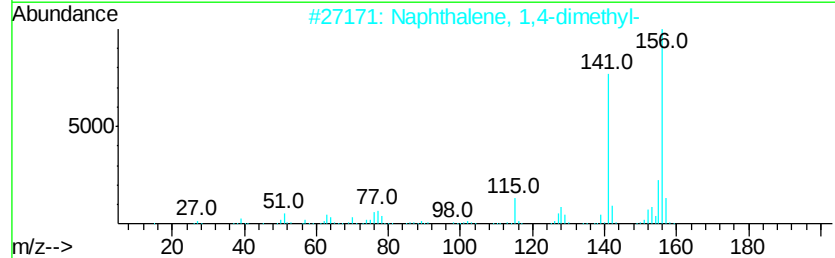
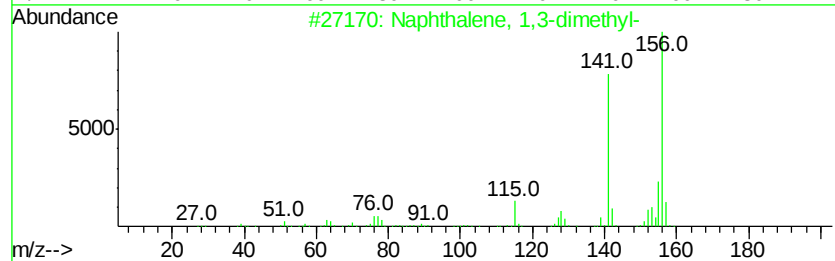
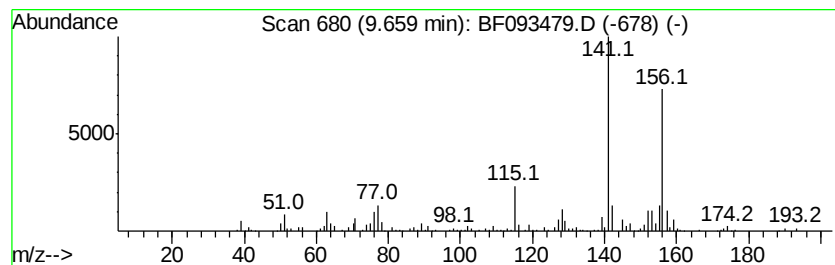
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	4.32 ng	339895	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93



Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
Data File : BF093479.D
Acq On : 9 Mar 2017 15:49
Operator : SJ/MA
Sample : I2133-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB411GW

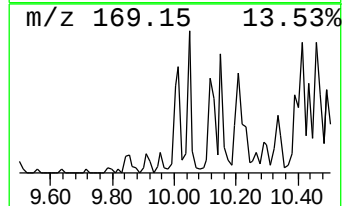
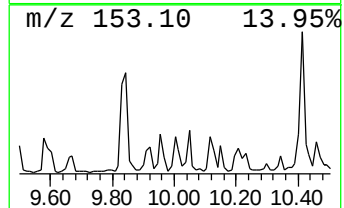
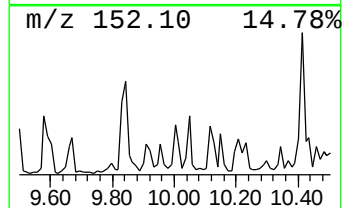
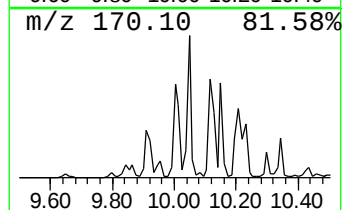
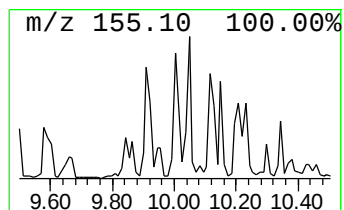
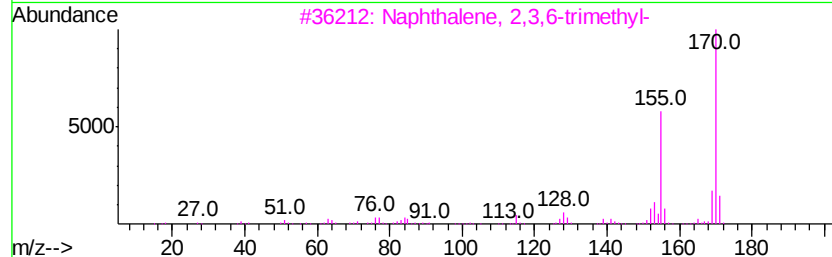
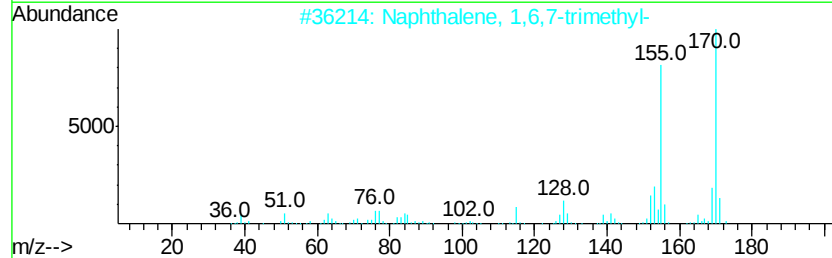
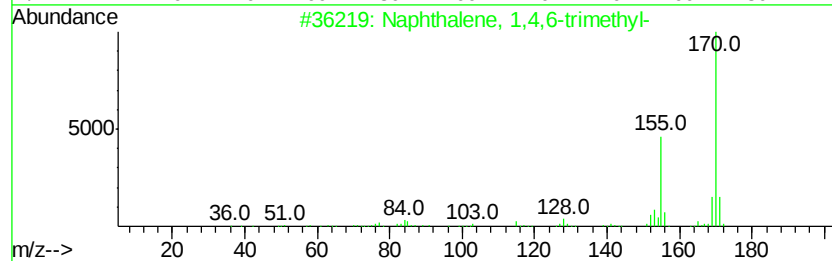
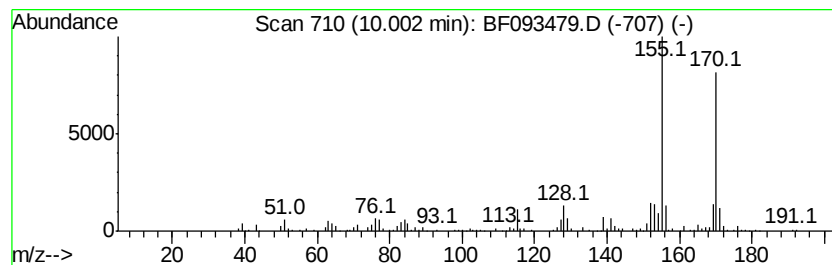
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	4.54 ng	357270	Acenaphthene-d10	9.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030817\
 Data File : BF093479.D
 Acq On : 9 Mar 2017 15:49
 Operator : SJ/MA
 Sample : I2133-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB411GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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...	4.92	11.2	ng	682703	1	6.76	1222190	20.0
unknown6.53	6.53	40.0	ng	2446300	1	6.76	1222190	20.0
Benzene, 1,3-diet...	7.01	5.2	ng	320288	1	6.76	1222190	20.0
unknown7.10	7.10	4.1	ng	248950	1	6.76	1222190	20.0
Benzene, 1,2,4,5-...	7.54	2.8	ng	334698	2	8.06	2417600	20.0
1H-Indene, 2,3-di...	7.73	3.9	ng	468272	2	8.06	2417600	20.0
Benzene, 2-etheny...	7.78	7.3	ng	880876	2	8.06	2417600	20.0
1H-Indene, 2,3-di...	8.52	3.0	ng	366311	2	8.06	2417600	20.0
Naphthalene, 1,2,...	8.71	4.4	ng	531226	2	8.06	2417600	20.0
Naphthalene, 1,2,...	8.87	4.7	ng	568469	2	8.06	2417600	20.0
Naphthalene, 1,5-...	9.40	7.1	ng	559592	3	9.81	1575370	20.0
Naphthalene, 2,3-...	9.46	15.5	ng	1219180	3	9.81	1575370	20.0
Naphthalene, 1,3-...	9.66	4.3	ng	339895	3	9.81	1575370	20.0
Naphthalene, 1,4,...	10.00	4.5	ng	357270	3	9.81	1575370	20.0