

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093995.D
 Acq On : 28 Mar 2017 16:27
 Operator : SJ/MA
 Sample : I2362-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0662

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-BF032217.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.669	128	133	137	rBV	654898	775613	16.00%	0.913%
2	2.910	166	174	176	rBV	79730	112876	2.33%	0.133%
3	2.999	182	189	193	rBV3	89348	134542	2.77%	0.158%
4	3.469	258	269	271	rBV2	86520	153267	3.16%	0.181%
5	3.540	277	281	286	rBV	261881	272496	5.62%	0.321%
6	4.057	366	369	372	rBV	167692	160885	3.32%	0.189%
7	4.322	410	414	419	rVB3	88453	111732	2.30%	0.132%
8	4.451	430	436	440	rBV2	2337070	2565439	52.91%	3.021%
9	4.616	460	464	470	rBV2	164607	219683	4.53%	0.259%
10	4.704	473	479	481	rBV3	110866	184054	3.80%	0.217%
11	4.751	485	487	491	rVB	175670	155417	3.21%	0.183%
12	4.881	501	509	514	rBV5	277863	535287	11.04%	0.630%
13	5.016	528	532	536	rBV3	162806	178451	3.68%	0.210%
14	5.075	536	542	546	rVV2	185250	349071	7.20%	0.411%
15	5.181	554	560	565	rBV2	231572	392725	8.10%	0.463%
16	5.245	568	571	576	rVV	214606	304719	6.28%	0.359%
17	5.293	576	579	581	rVV	137711	131974	2.72%	0.155%
18	5.322	581	584	588	rVB3	194313	212847	4.39%	0.251%
19	5.381	588	594	596	rBV2	161428	218049	4.50%	0.257%
20	5.440	601	604	608	rVV2	104918	152571	3.15%	0.180%
21	5.481	608	611	614	rVB2	272300	293497	6.05%	0.346%
22	5.534	614	620	625	rBV	944834	1792362	36.97%	2.111%
23	5.581	625	628	635	rVB3	491502	793563	16.37%	0.935%
24	5.675	635	644	650	rBV	3365753	4361499	89.96%	5.137%
25	5.734	650	654	660	rBV4	244665	480743	9.92%	0.566%
26	5.787	660	663	665	rVV	206801	248475	5.12%	0.293%
27	5.810	665	667	669	rVV	173847	169354	3.49%	0.199%
28	5.845	669	673	675	rVV3	265192	411087	8.48%	0.484%
29	5.881	675	679	682	rVV2	508346	766836	15.82%	0.903%
30	5.928	682	687	690	rVV2	1084965	1351134	27.87%	1.591%
31	5.963	690	693	697	rVB2	462066	525247	10.83%	0.619%
32	6.004	697	700	702	rBV2	254472	267240	5.51%	0.315%
33	6.110	710	718	720	rBV	3104354	3681702	75.94%	4.336%
34	6.134	720	722	724	rVV	424736	432815	8.93%	0.510%

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35	6.163	724	727	729	rVV2	758747	815226	16.81%	0.960%
36	6.187	729	731	735	rVV3	314588	350522	7.23%	0.413%
37	6.222	735	737	739	rVB2	202077	156084	3.22%	0.184%
38	6.257	739	743	747	rBV3	192996	295518	6.10%	0.348%
39	6.304	747	751	752	rBV3	240168	251036	5.18%	0.296%
40	6.334	753	756	760	rVB5	188744	250773	5.17%	0.295%
41	6.392	762	766	768	rBV2	423603	557169	11.49%	0.656%
42	6.440	770	774	778	rBV4	269810	375994	7.75%	0.443%
43	6.534	786	790	792	rBV3	314992	420693	8.68%	0.495%
44	6.581	792	798	801	rBV	2147898	3012069	62.12%	3.547%
45	6.610	801	803	804	rBV2	145083	113119	2.33%	0.133%
46	6.645	804	809	812	rBV2	302545	359170	7.41%	0.423%
47	6.687	812	816	818	rBV4	427182	546240	11.27%	0.643%
48	6.722	819	822	825	rBV2	316748	480539	9.91%	0.566%
49	6.834	838	841	845	rBV4	516477	672041	13.86%	0.792%
50	6.904	851	853	855	rVB2	1203061	832389	17.17%	0.980%
51	6.934	855	858	859	rBV4	836223	688208	14.19%	0.811%
52	6.951	859	861	865	rVB3	984821	835371	17.23%	0.984%
53	6.998	865	869	871	rVB3	234622	353736	7.30%	0.417%
54	7.057	871	879	882	rBV5	475977	1080879	22.29%	1.273%
55	7.087	882	884	886	rVB2	278375	203578	4.20%	0.240%
56	7.128	886	891	893	rBV5	787703	1280640	26.41%	1.508%
57	7.222	900	907	908	rBV2	418984	705906	14.56%	0.831%
58	7.292	916	919	920	rBV2	174222	205966	4.25%	0.243%
59	7.304	920	921	924	rVB2	381128	279764	5.77%	0.329%
60	7.351	924	929	931	rBV2	396782	522129	10.77%	0.615%
61	7.434	938	943	946	rBV	1749136	2393478	49.37%	2.819%
62	7.469	946	949	951	rVV3	753098	1157995	23.88%	1.364%
63	7.504	952	955	962	rVB4	973426	1441183	29.72%	1.697%
64	7.592	964	970	973	rBV8	480883	792508	16.35%	0.933%
65	7.634	974	977	979	rVV3	193753	201931	4.16%	0.238%
66	7.704	985	989	990	rBV2	308911	388936	8.02%	0.458%
67	7.734	991	994	998	rVB4	689056	834362	17.21%	0.983%
68	7.792	998	1004	1007	rBV4	509540	1023792	21.12%	1.206%
69	7.881	1015	1019	1020	rBV3	718827	878658	18.12%	1.035%
70	7.969	1031	1034	1036	rBV4	401375	544715	11.23%	0.642%
71	8.092	1053	1055	1058	rVB	722167	632277	13.04%	0.745%

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72	8.210	1071	1075	1078	rVB3	524026	802761	16.56%	0.945%
73	8.245	1078	1081	1084	rBV3	521184	752516	15.52%	0.886%
74	8.310	1088	1092	1100	rVB4	740236	1997982	41.21%	2.353%
75	8.386	1102	1105	1107	rBV	733987	734297	15.14%	0.865%
76	8.434	1107	1113	1114	rBV5	726682	1342347	27.69%	1.581%
77	8.657	1149	1151	1154	rBV2	365311	355520	7.33%	0.419%
78	8.710	1157	1160	1163	rVV2	688853	1047429	21.60%	1.234%
79	8.763	1163	1169	1173	rVB	3390218	4848447	100.00%	5.710%
80	8.881	1187	1189	1191	rBV2	506542	378659	7.81%	0.446%
81	8.945	1197	1200	1202	rBV2	732992	845938	17.45%	0.996%
82	8.998	1203	1209	1212	rVV4	986690	1833079	37.81%	2.159%
83	9.028	1212	1214	1217	rVV3	384303	401252	8.28%	0.473%
84	9.181	1237	1240	1247	rVB6	1087379	1477172	30.47%	1.740%
85	9.263	1251	1254	1257	rVB4	520285	600837	12.39%	0.708%
86	9.328	1262	1265	1268	rBV3	590818	959642	19.79%	1.130%
87	9.475	1288	1290	1293	rVB2	614491	537723	11.09%	0.633%
88	9.522	1293	1298	1302	rBV4	736102	1625918	33.53%	1.915%
89	9.580	1305	1308	1314	rVB5	1435918	1748374	36.06%	2.059%
90	9.745	1333	1336	1340	rBV3	711507	935226	19.29%	1.101%
91	9.992	1372	1378	1381	rVB	888242	1684505	34.74%	1.984%
92	10.069	1387	1391	1394	rBV2	894822	1397285	28.82%	1.646%
93	10.128	1398	1401	1403	rBV2	571708	641367	13.23%	0.755%
94	10.269	1423	1425	1427	rBV	382267	327141	6.75%	0.385%
95	10.457	1455	1457	1461	rVB2	361674	354320	7.31%	0.417%
96	10.563	1471	1475	1478	rVB	1531738	2079323	42.89%	2.449%
97	11.410	1615	1619	1622	rVB	1060214	1086767	22.41%	1.280%
98	13.386	1949	1955	1958	rBV	2871984	3537222	72.96%	4.166%
99	14.651	2166	2170	2174	rVB	921064	908102	18.73%	1.070%
100	16.280	2442	2447	2456	rVB	680979	834111	17.20%	0.982%

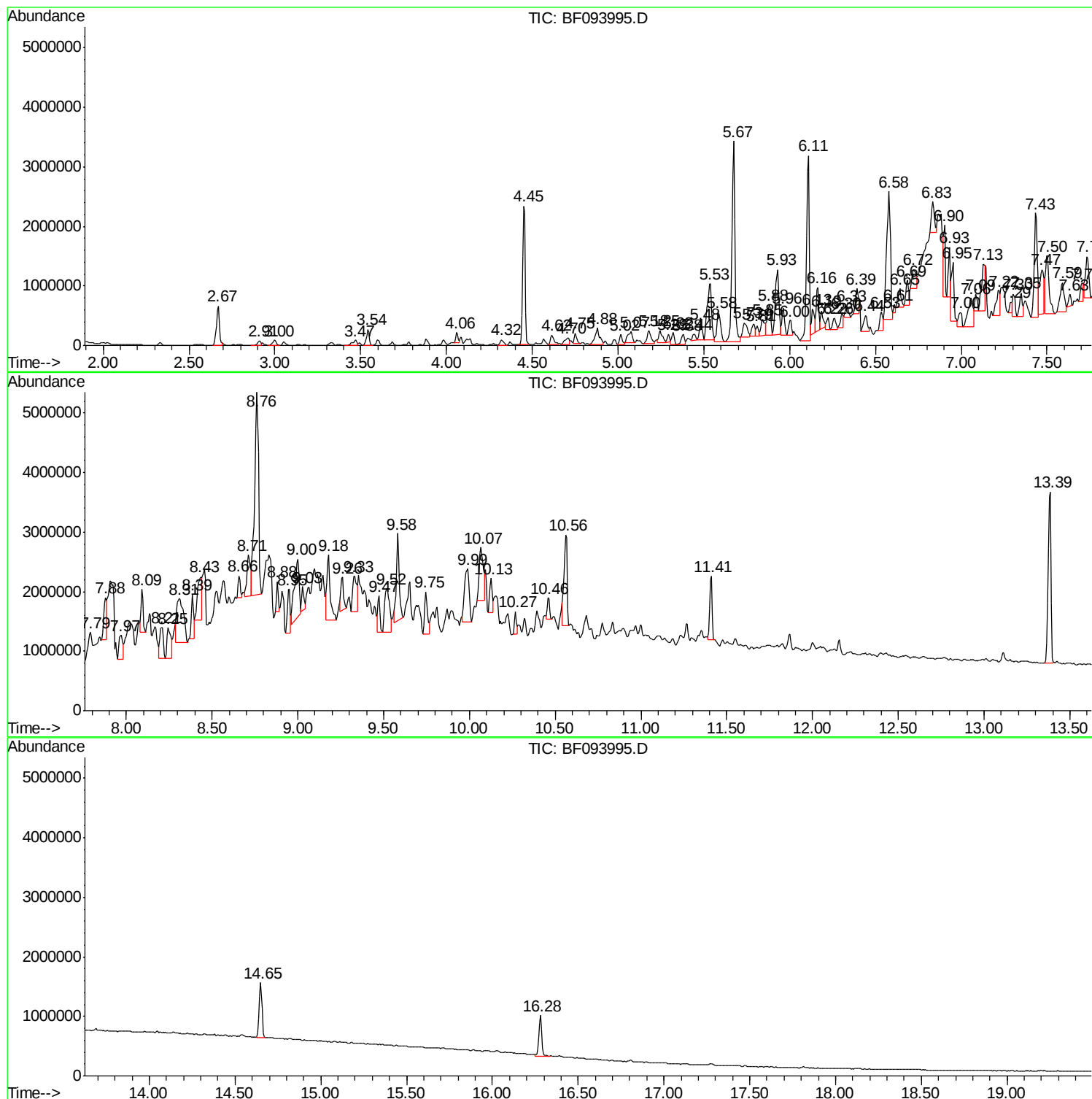
Sum of corrected areas: 84907108

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.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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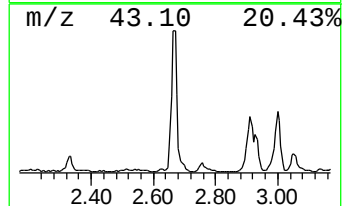
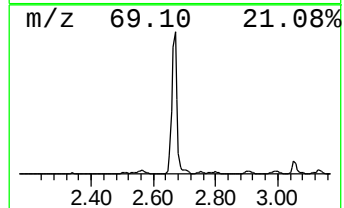
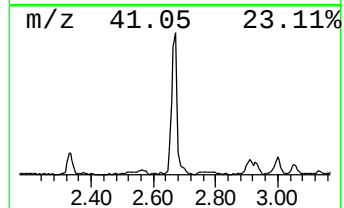
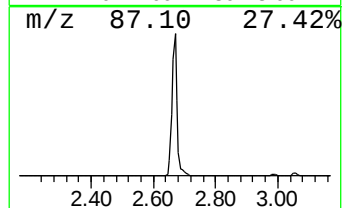
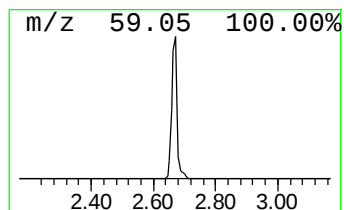
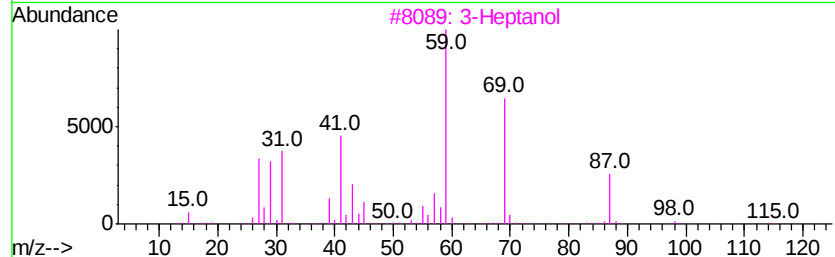
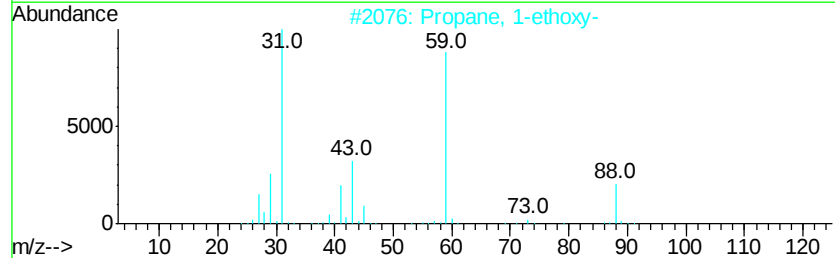
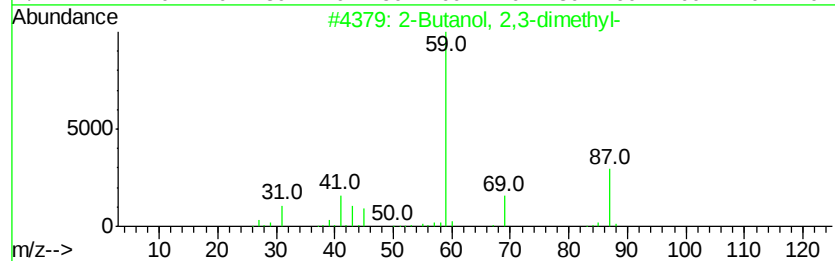
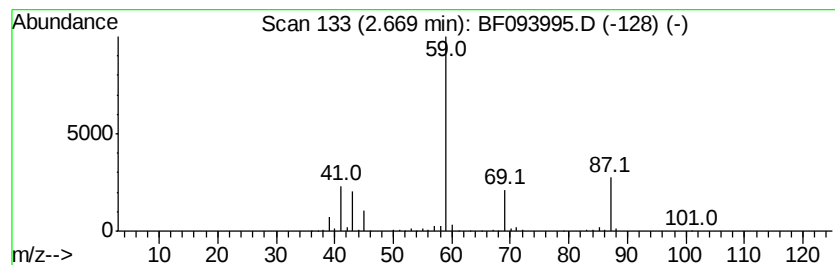
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Butanol, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.67	11.48 ng	775613	1,4-Dichlorobenzene-d4	5.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	83
2		Propane, 1-ethoxy-	88	C5H12O	000628-32-0	53
3		3-Heptanol	116	C7H16O	000589-82-2	40
4		2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	40
5		Butane, 2-methoxy-	88	C5H12O	006795-87-5	9



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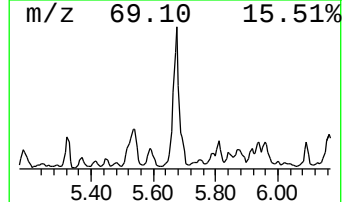
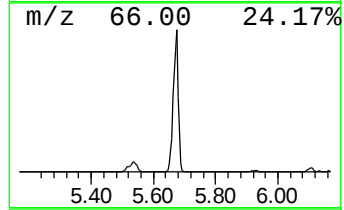
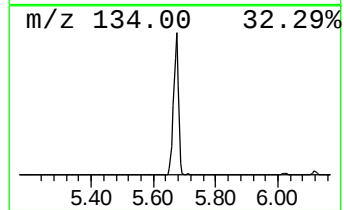
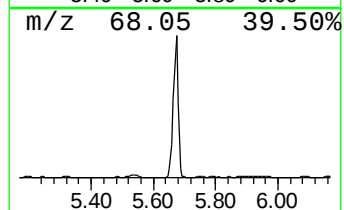
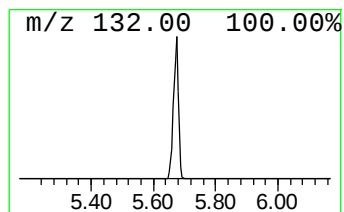
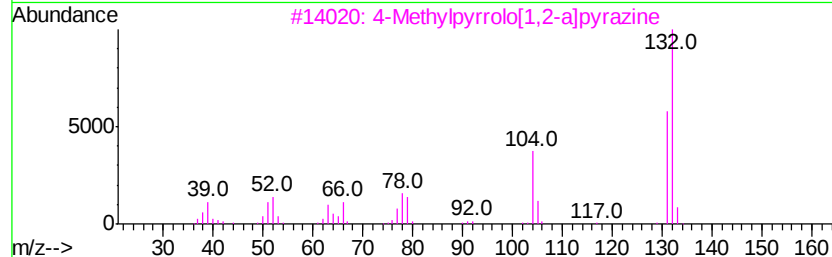
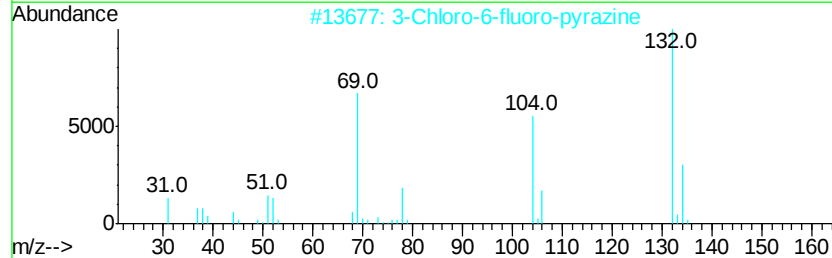
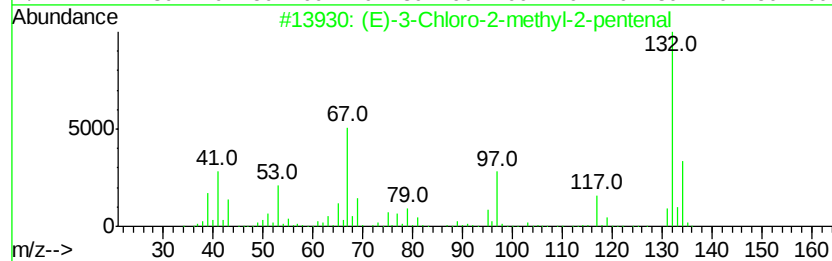
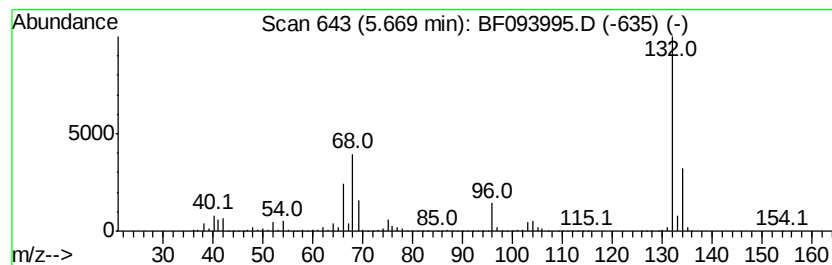
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	64.56 ng	4361500	1,4-Dichlorobenzene-d4	5.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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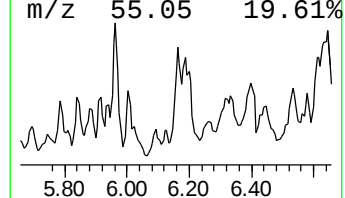
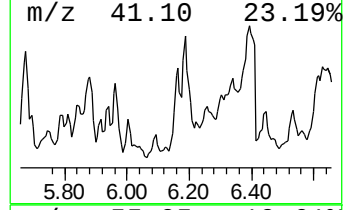
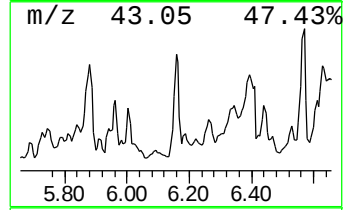
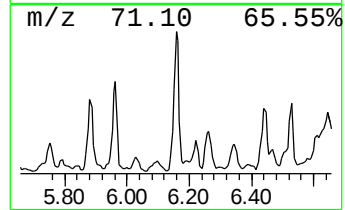
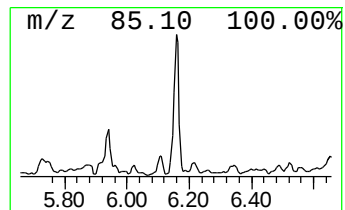
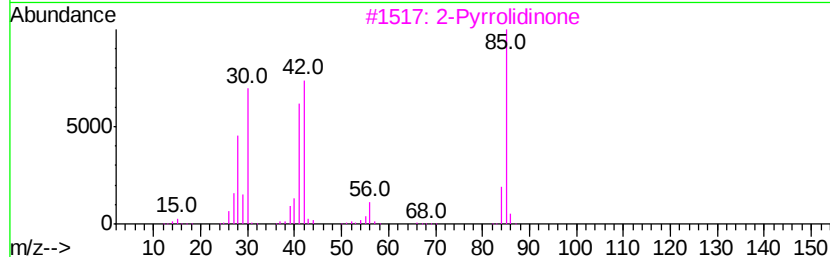
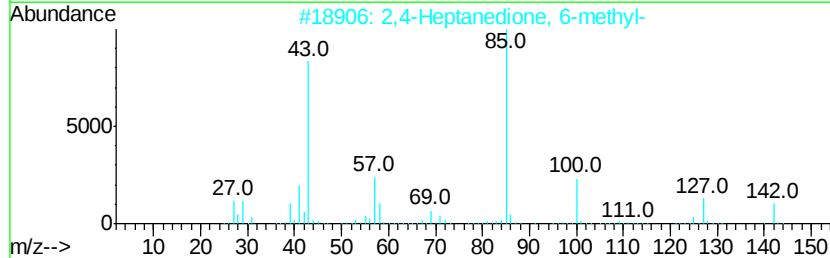
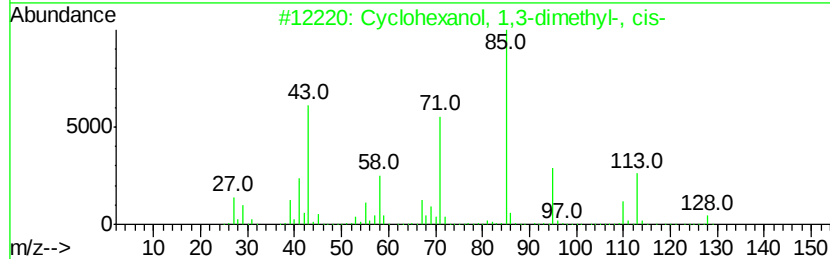
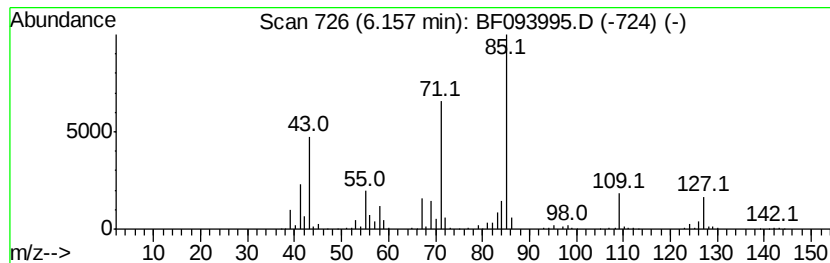
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.16 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	12.07 ng	815226	1,4-Dichlorobenzene-d4	5.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	47
2		2,4-Heptanedione, 6-methyl-	142	C8H14O2	003002-23-1	38
3		2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
4		2H-Pyran, tetrahydro-2-(12-penta...	308	C20H36O2	056666-38-7	37
5		4-Hexen-3-ol, 2,5-dimethyl-	128	C8H16O	060703-31-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF093995.D
Acq On : 28 Mar 2017 16:27
Operator : SJ/MA
Sample : I2362-07
Misc :
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Instrument :
BNA_F
ClientSampleId :
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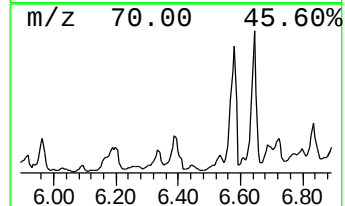
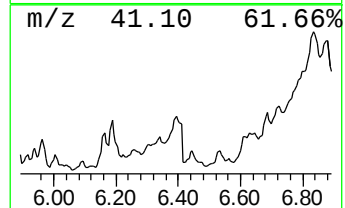
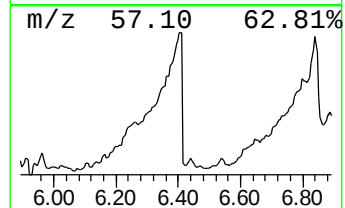
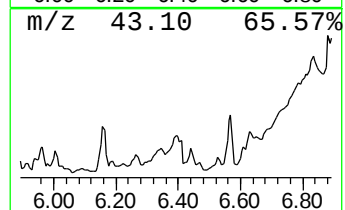
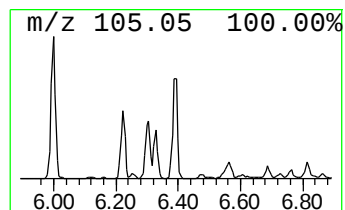
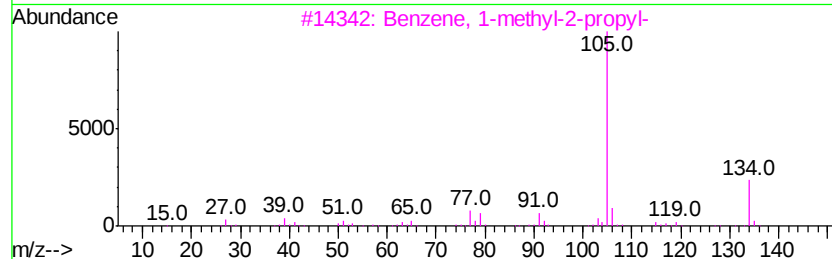
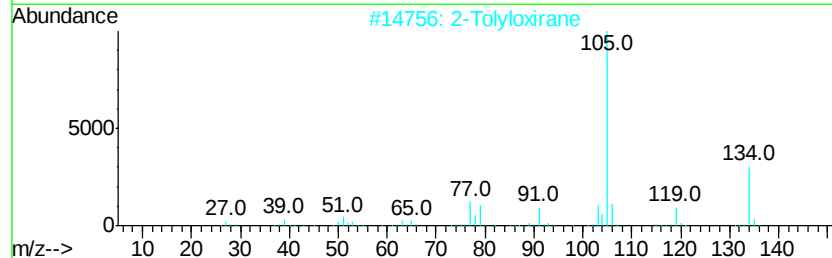
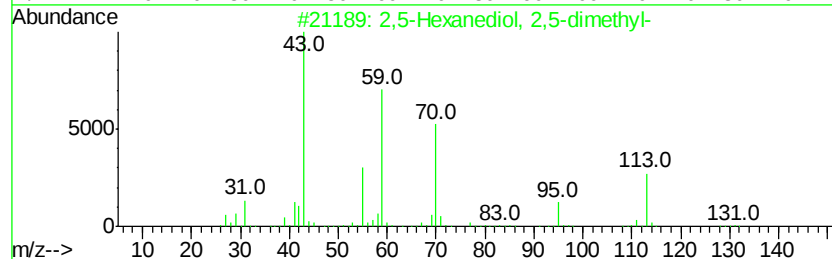
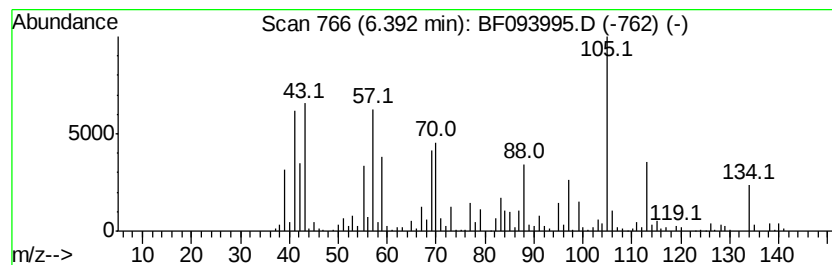
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.39 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	8.25 ng	557169	1,4-Dichlorobenzene-d4	5.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Hexanediol, 2,5-dimethyl-	146	C8H18O2	000110-03-2	38
2		2-Tolyloxirane	134	C9H10O	002783-26-8	25
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25
5		Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032817\
Data File : BF093995.D
Acq On : 28 Mar 2017 16:27
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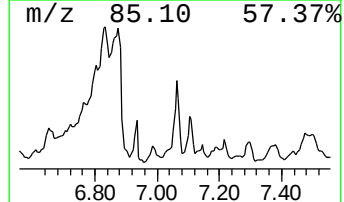
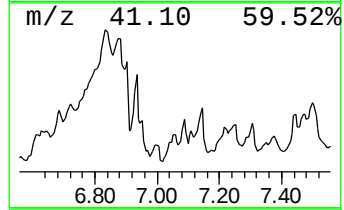
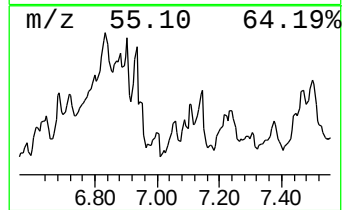
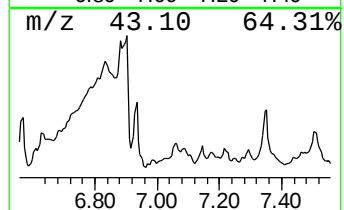
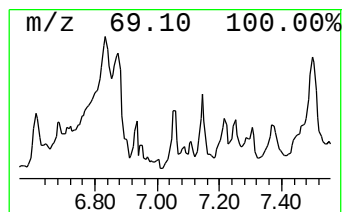
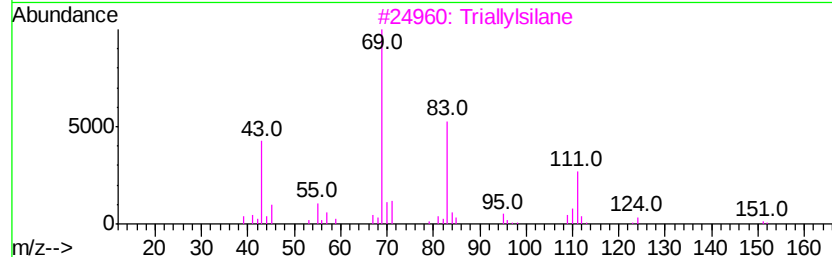
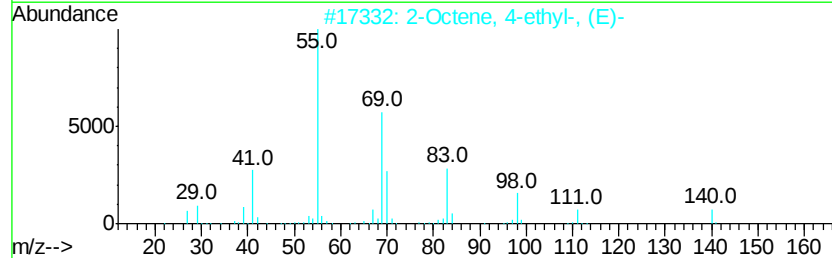
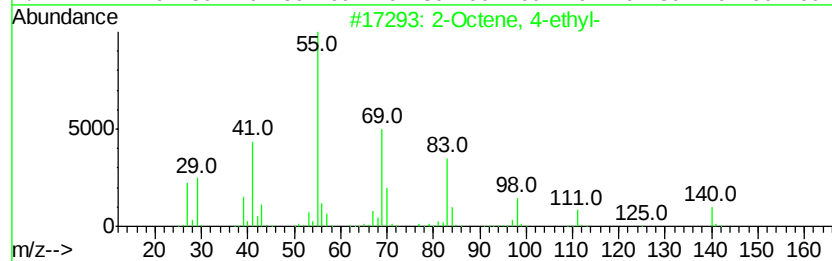
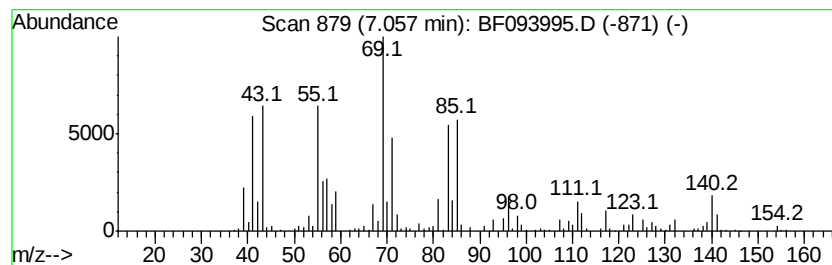
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	9.03 ng	1080880	Naphthalene-d8	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	43
2		2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	38
3		Triallylsilane	152	C9H16Si	001116-62-7	38
4		Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	35
5		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF093995.D
Acq On : 28 Mar 2017 16:27
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Sample : I2362-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

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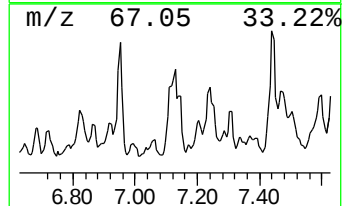
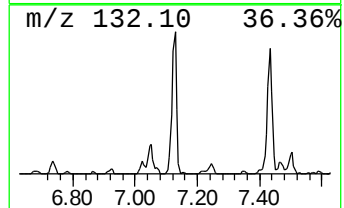
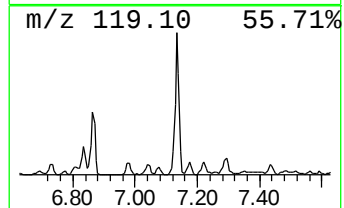
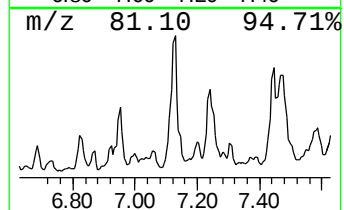
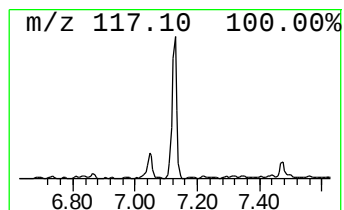
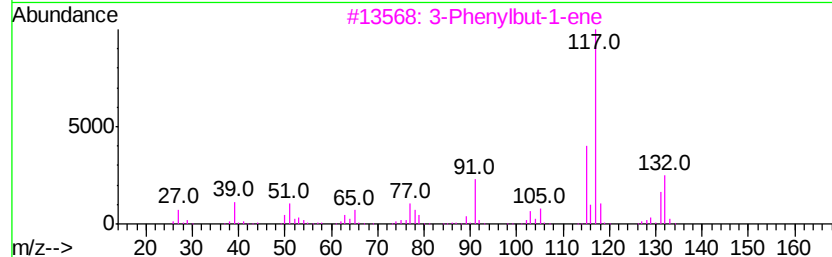
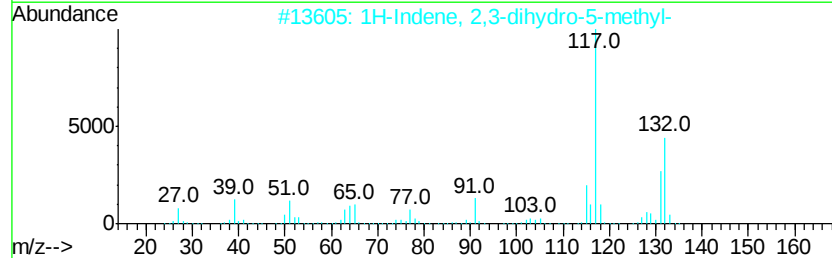
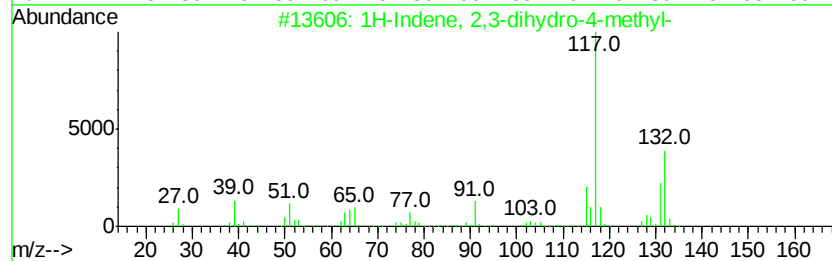
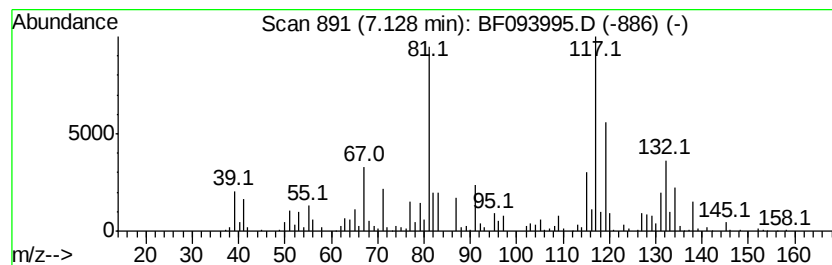
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.13 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	10.70 ng	1280640	Napthalene-d8	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	38
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	38
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	38
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	38
5		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF093995.D
Acq On : 28 Mar 2017 16:27
Operator : SJ/MA
Sample : I2362-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

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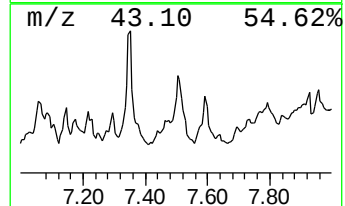
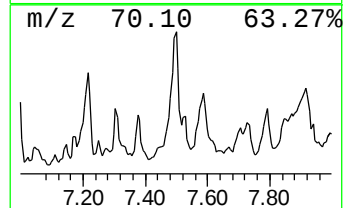
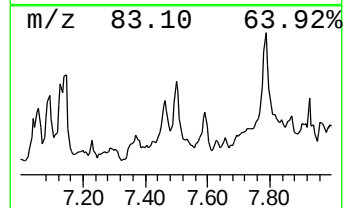
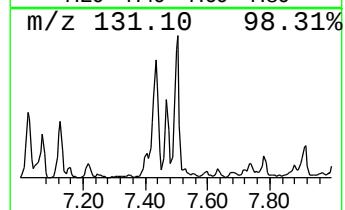
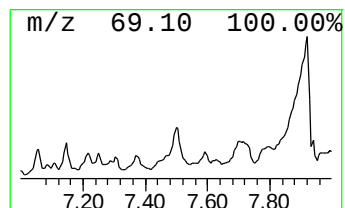
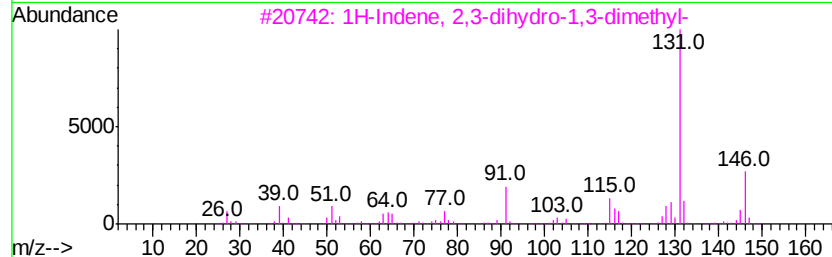
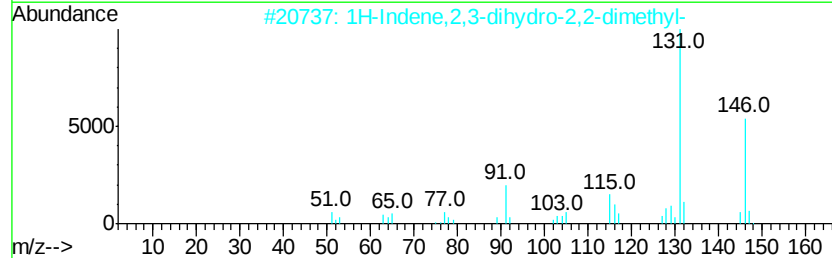
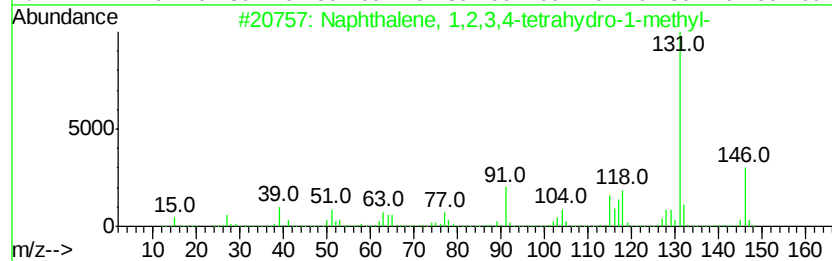
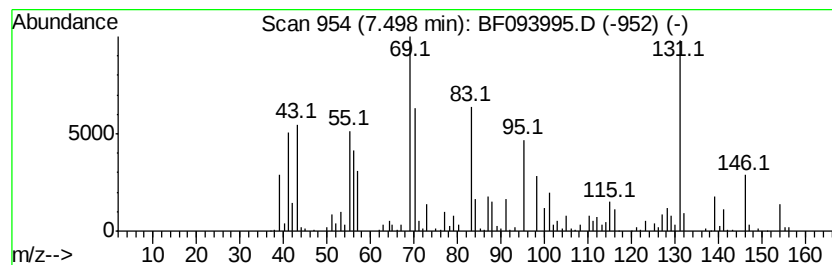
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.50 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	12.04 ng	1441180	Naphthalene-d8	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	38
2		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	30
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	25
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	25
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032817\
Data File : BF093995.D
Acq On : 28 Mar 2017 16:27
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ClientSampleId :
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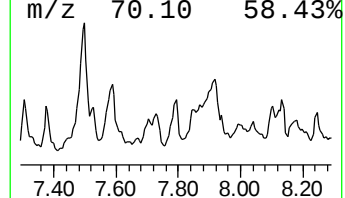
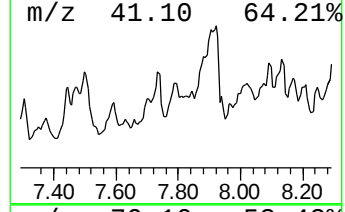
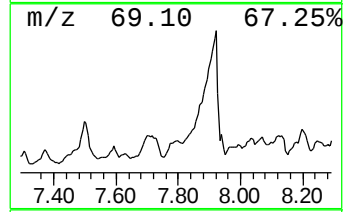
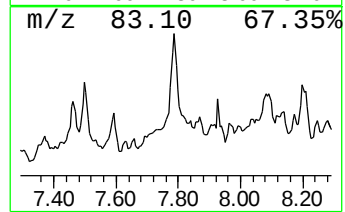
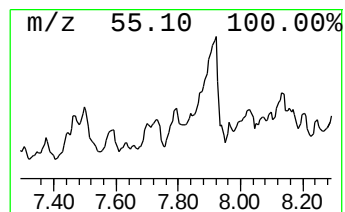
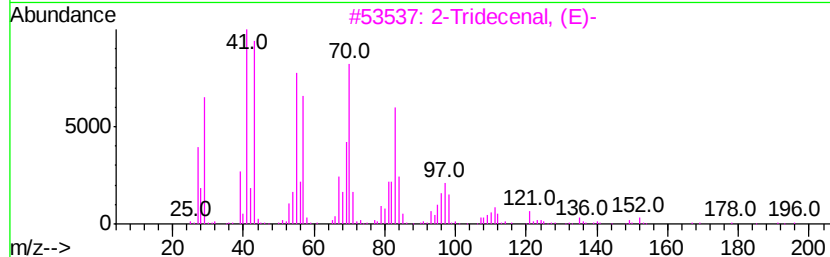
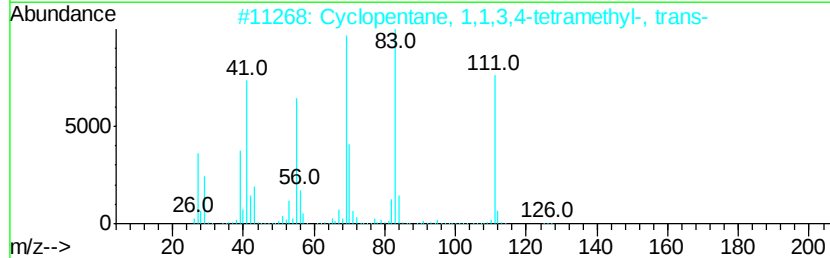
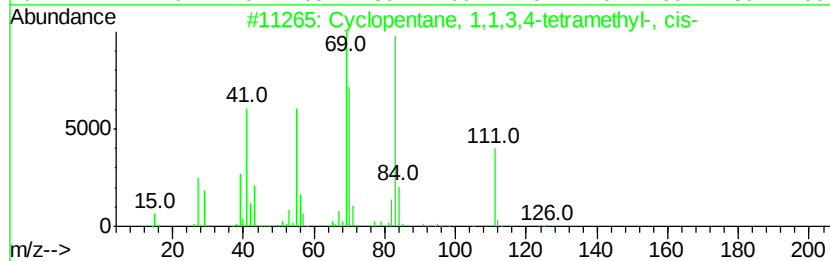
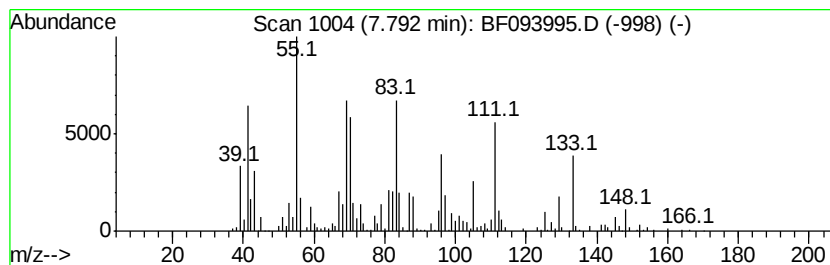
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown7.79 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	8.55 ng	1023790	Napthalene-d8	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	38
2		Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	30
3		2-Tridecenal, (E)-	196	C13H24O	007069-41-2	30
4		3-Nonene, 3-methyl-, (E)-	140	C10H20	069405-42-1	27
5		Cyclobutanecarboxylic acid, octy...	212	C13H24O2	1000280-40-5	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF093995.D
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Misc :
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ClientSampleId :
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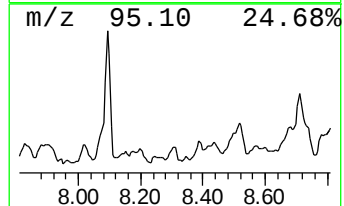
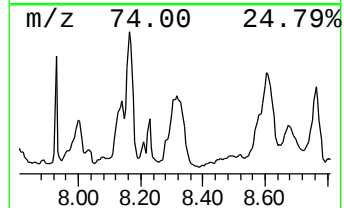
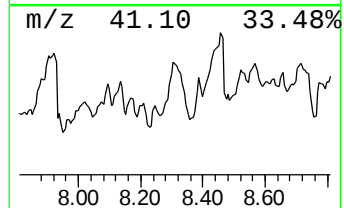
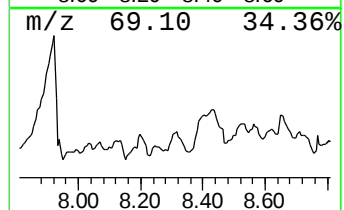
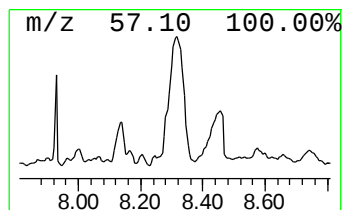
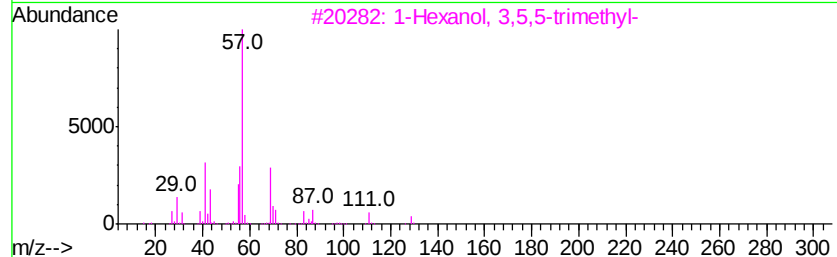
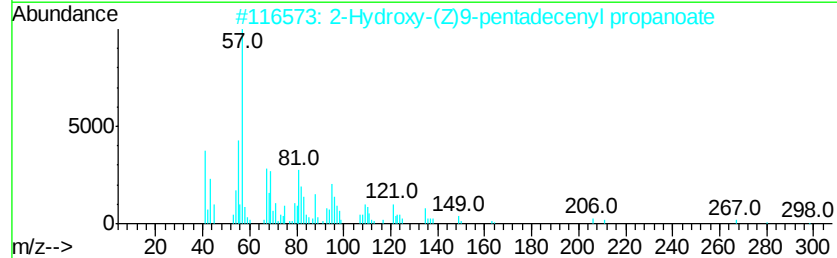
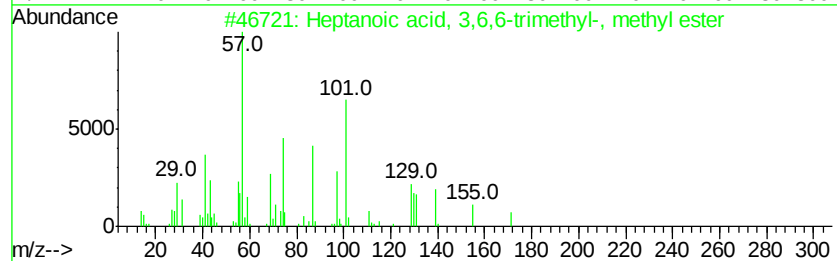
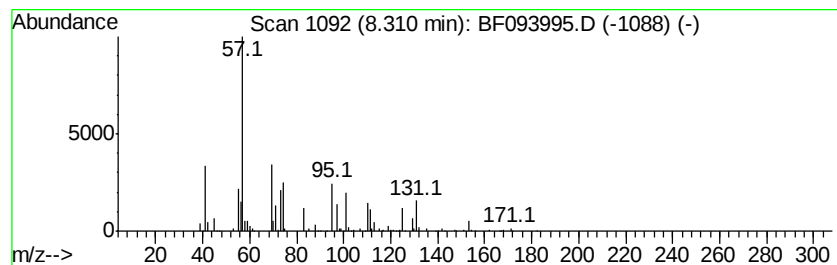
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.31 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	16.70 ng	1997980	Naphthalene-d8	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanoic acid, 3,6,6-trimethyl-...	186	C11H22O2	030448-48-7	23
2		2-Hydroxy-(Z)9-pentadecenyl prop...	298	C18H34O3	077899-00-4	17
3		1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	10
4		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	9
5		2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032817\
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ClientSampleId :
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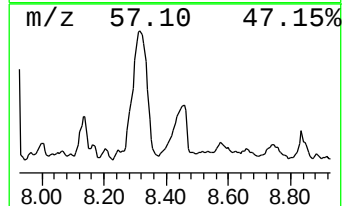
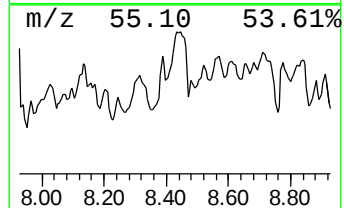
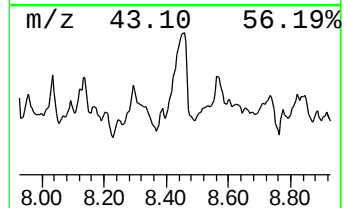
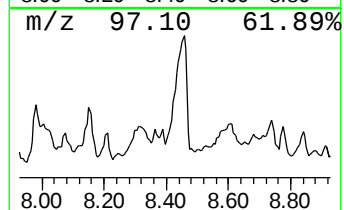
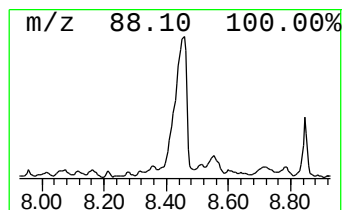
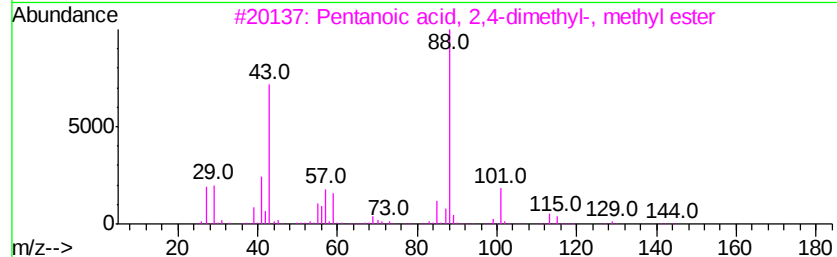
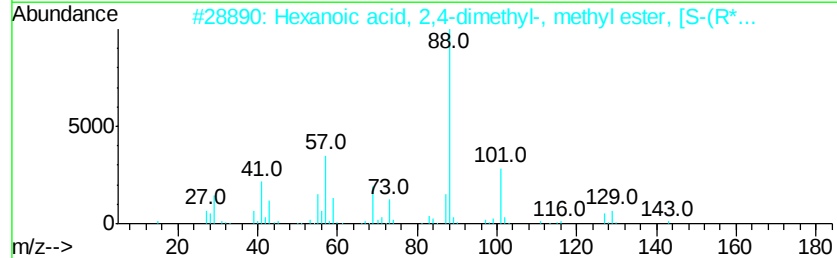
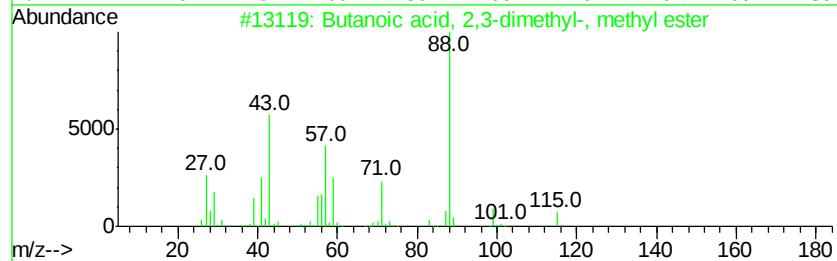
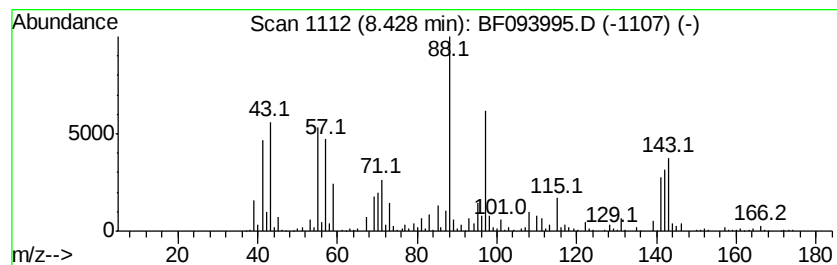
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.43 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	11.22 ng	1342350	Napthalene-d8	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 2,3-dimethyl-, me...	130	C7H14O2	030540-29-5	43
2		Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-45-7	38
3		Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	38
4		Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	38
5		Heptanoic acid, 2,4-dimethyl-, m...	172	C10H20O2	018450-78-7	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF093995.D
Acq On : 28 Mar 2017 16:27
Operator : SJ/MA
Sample : I2362-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

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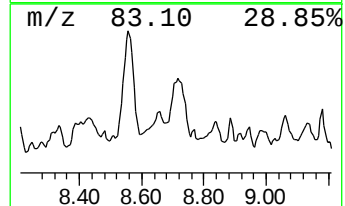
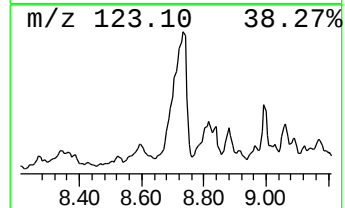
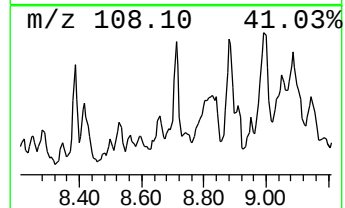
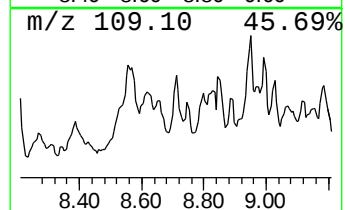
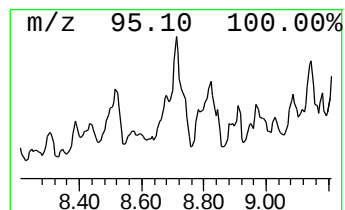
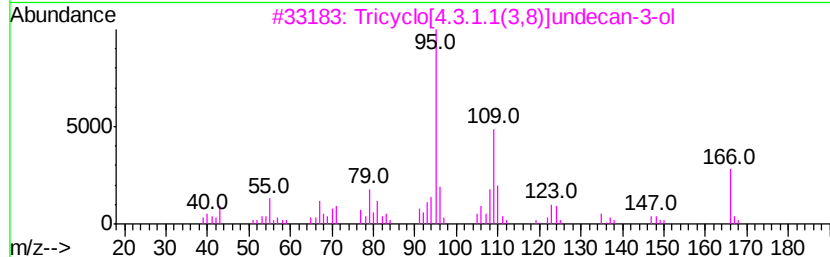
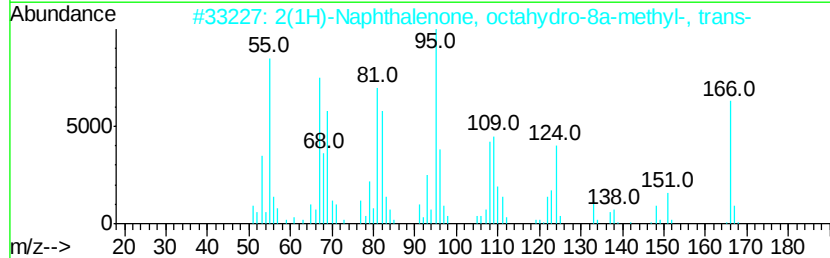
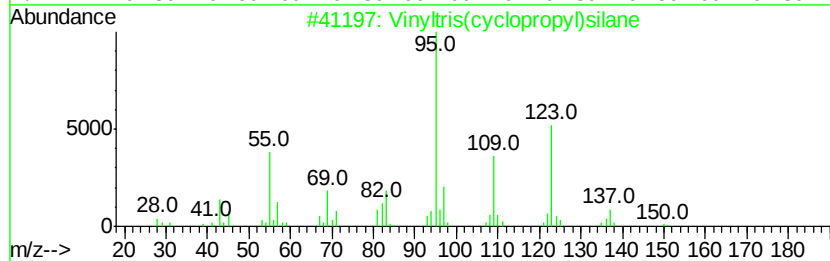
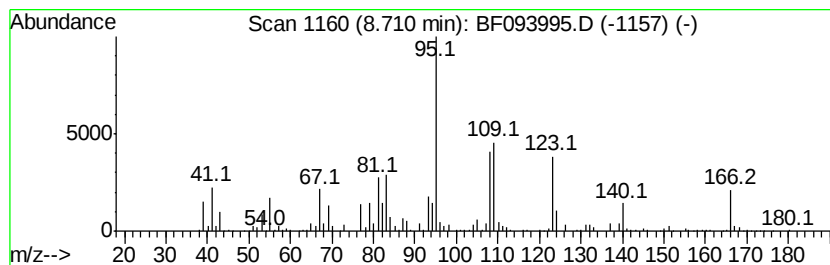
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Vinyltris(cyclopropyl)silane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	11.98 ng	1047430	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vinyltris(cvclopropvl)silane	178	C11H18Si	1000109-97-3	50
2		2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	42
3		Tricvclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	38
4		Divinylbis(cvclopropvl)silane	164	C10H16Si	1000109-95-2	37
5		1,2-Dimethyl-4-oxocyclohex-2-ene...	152	C9H12O2	1000187-01-2	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
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Sample : I2362-07
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ClientSampleId :
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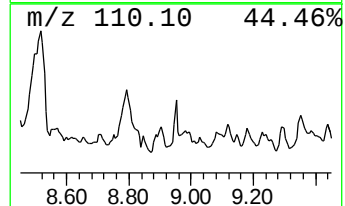
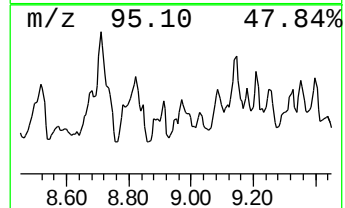
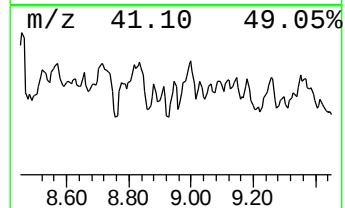
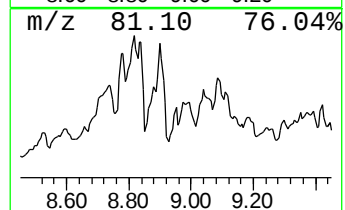
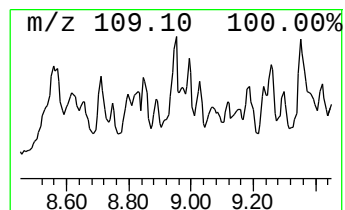
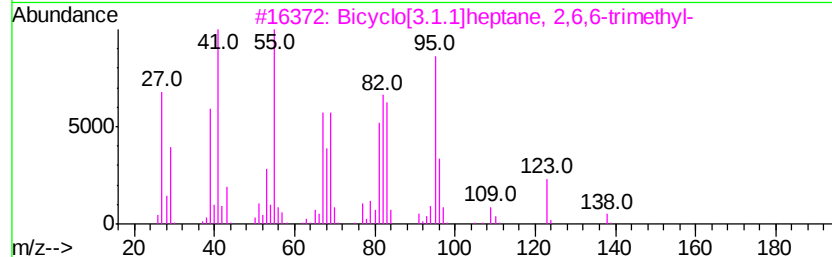
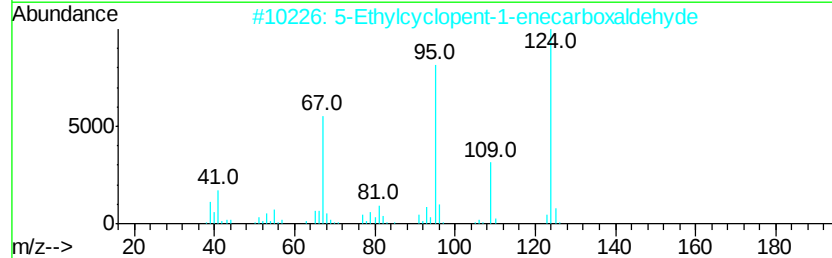
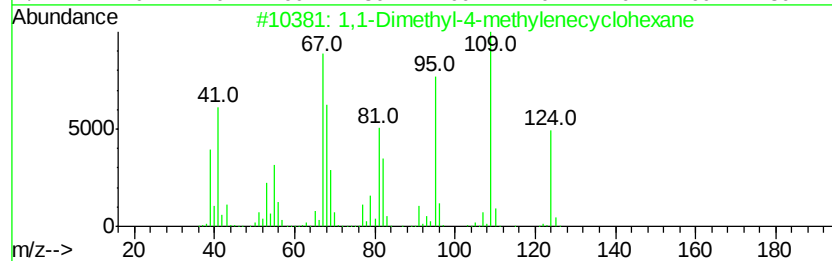
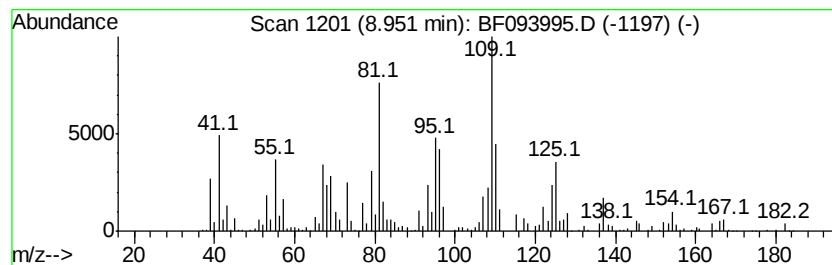
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown8.95 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	9.68 ng	845938	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	43
2		5-Ethylcyclopent-1-enecarboxalde...	124	C8H12O	036431-60-4	38
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	35
4		3-Methoxy-2(1H)-pyridone	125	C6H7NO2	020928-63-6	30
5		5-Cyclohexyl-1-pentene	152	C11H20	005729-54-4	30



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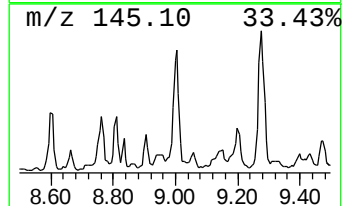
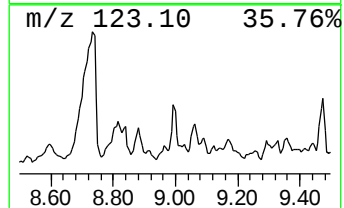
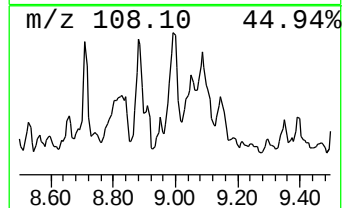
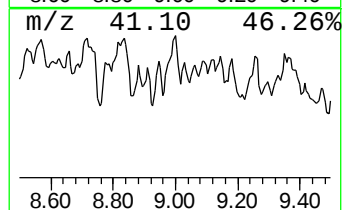
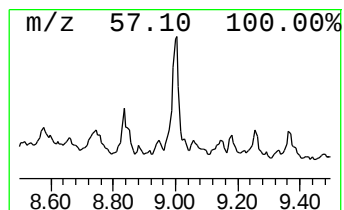
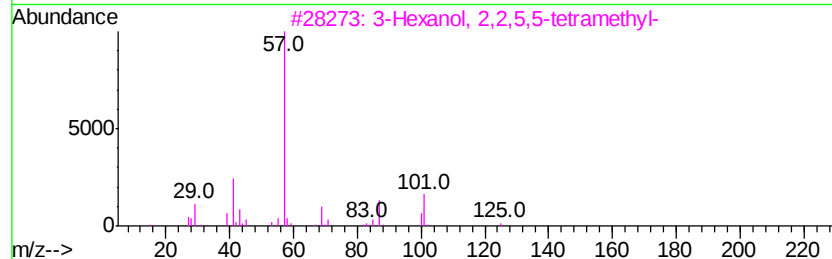
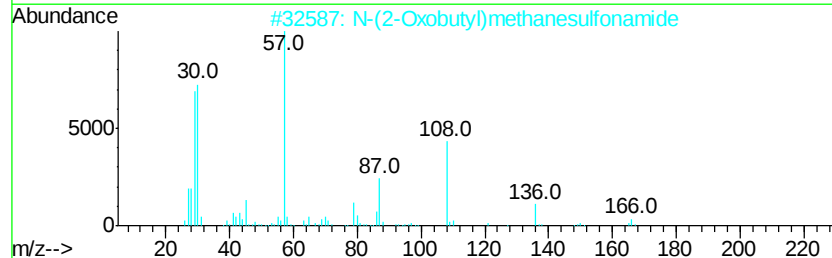
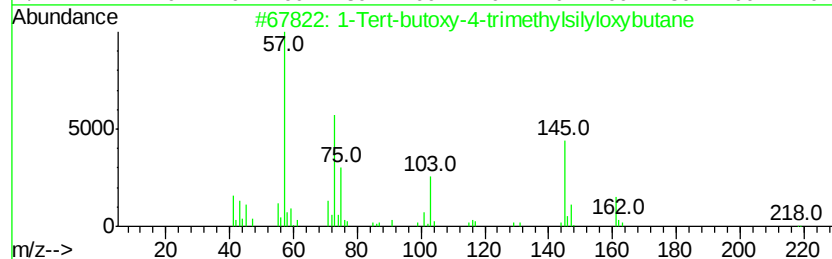
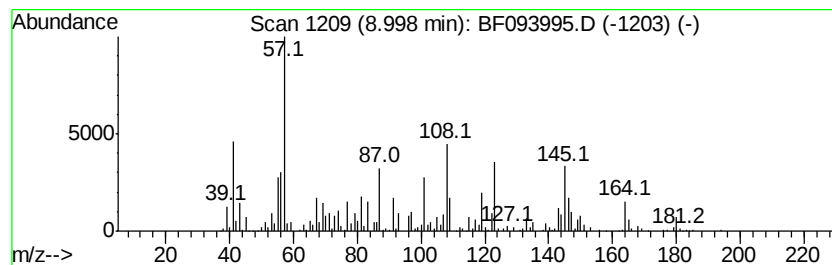
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.00 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	20.97 ng	1833080	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Tert-butoxy-4-trimethylsilylox...	218	C11H26O2Si	091988-79-3	9
2		N-(2-Oxobutyl)methanesulfonamide	165	C5H11NO3S	1000187-81-1	9
3		3-Hexanol, 2,2,5,5-tetramethyl-	158	C10H22O	055073-86-4	9
4		Phenol, 4-(2-aminoethyl)-	137	C8H11NO	000051-67-2	9
5		3-Oxo-2-n-pentyl-4,4-dimethylpen...	228	C13H24O3	1000202-26-0	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
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Misc :
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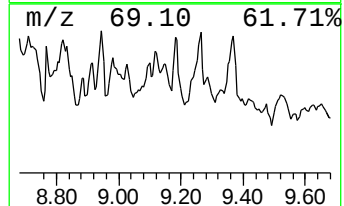
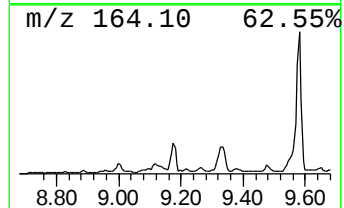
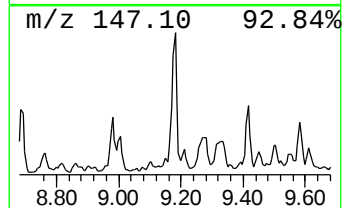
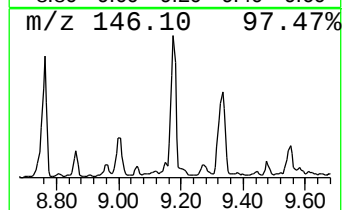
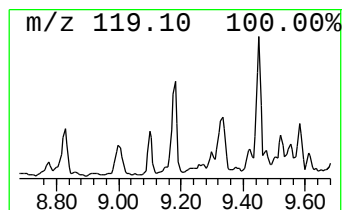
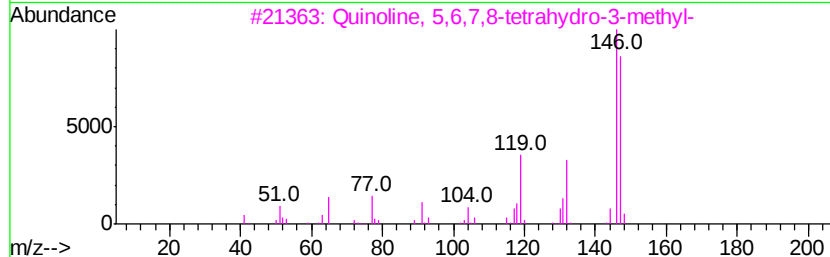
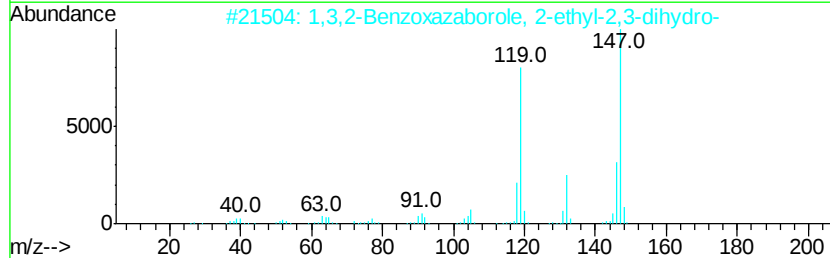
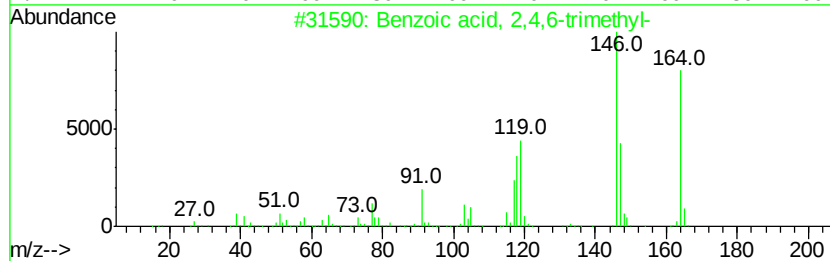
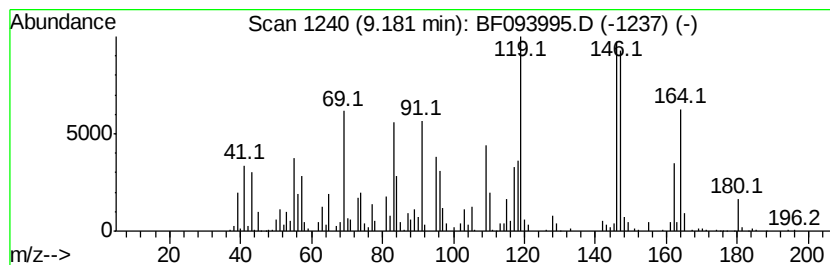
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	16.90 ng	1477170	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	83
2		1,3,2-Benzoxazaborole, 2-ethyl-2...	147	C8H10BNO	129363-62-8	38
3		Quinoline, 5,6,7,8-tetrahydro-3-...	147	C10H13N	028712-62-1	35
4		Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	30
5		Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
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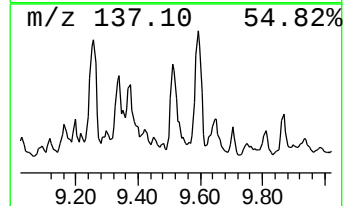
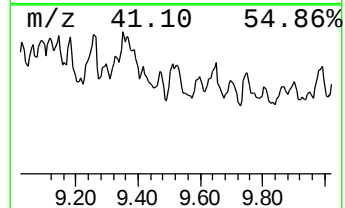
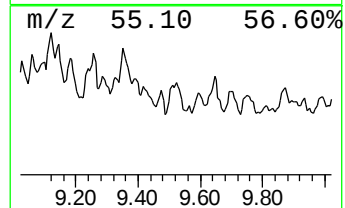
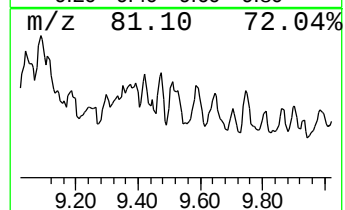
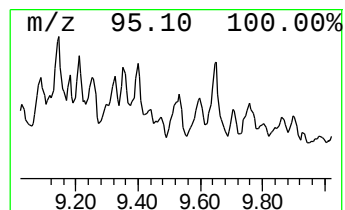
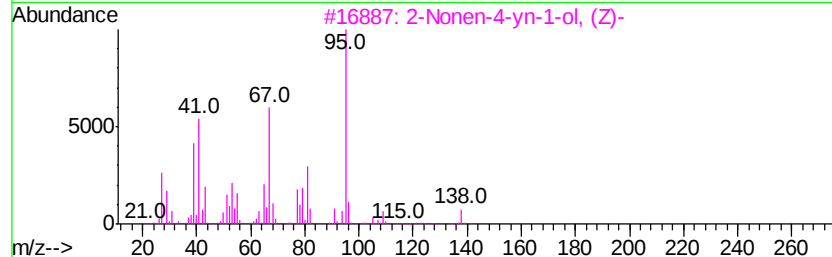
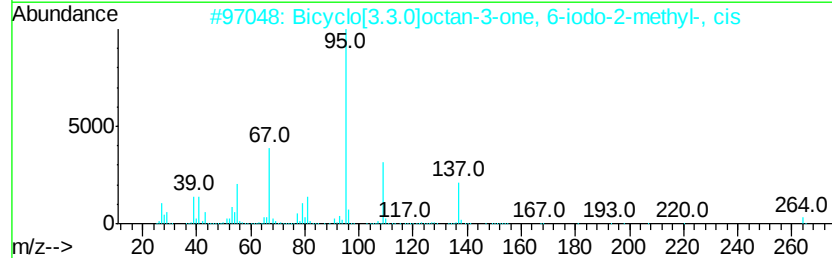
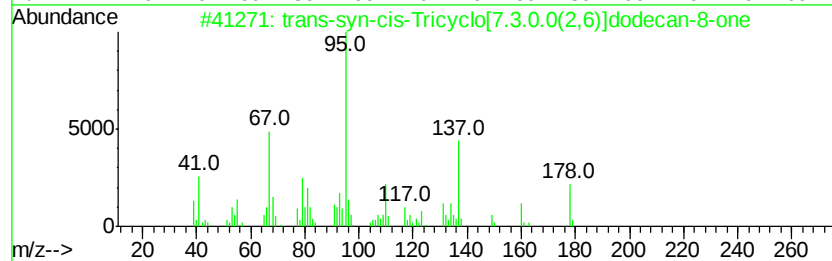
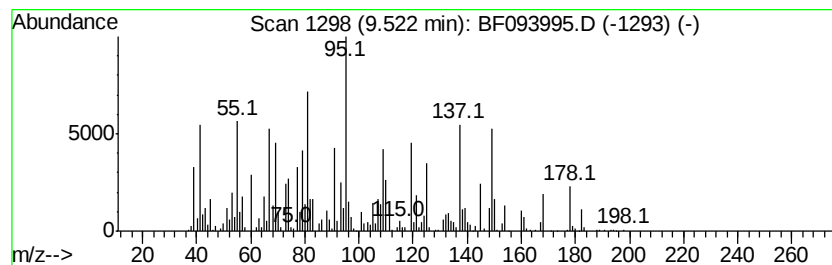
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown9.52 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	18.60 ng	1625920	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-syn-cis-Tricyclo[7.3.0.0(2...	178	C12H18O	073306-77-1	38
2		Bicyclo[3.3.0]octan-3-one, 6-iod...	264	C9H13IO	1000150-13-4	27
3		2-Nonen-4-yn-1-ol, (Z)-	138	C9H14O	134225-90-4	25
4		9-Borabicyclo[3.3.1]nonane, 9-(2...	178	C11H19BO	1000162-57-7	25
5		Methanone, cyclohexyl-1H-imidazo...	178	C10H14N2O	061985-29-3	20



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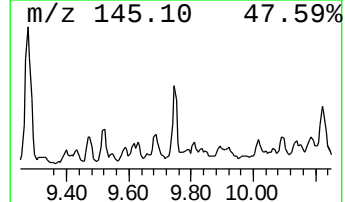
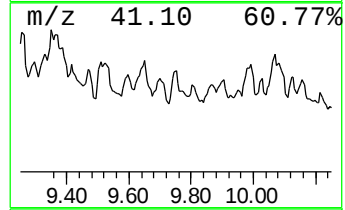
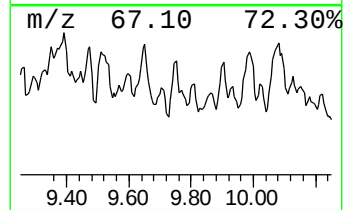
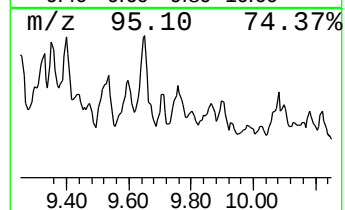
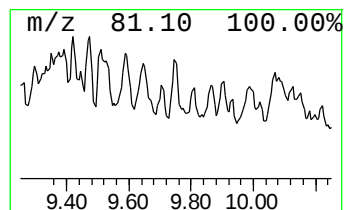
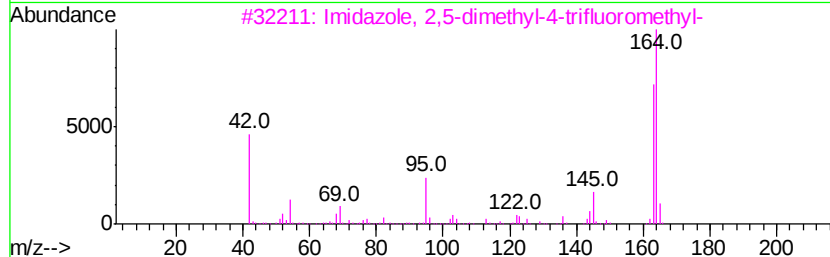
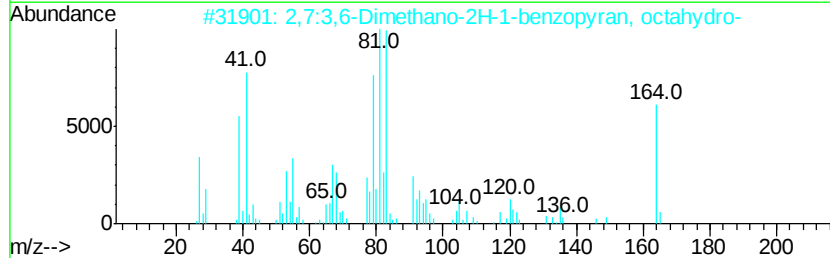
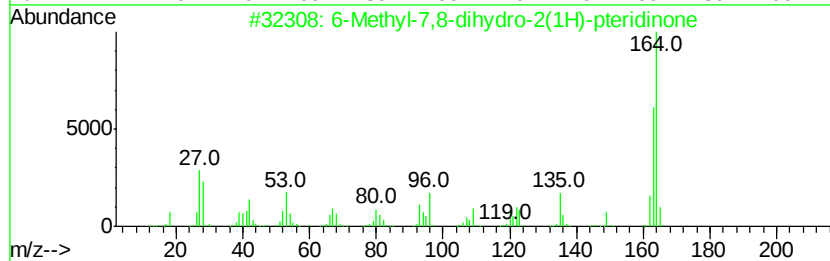
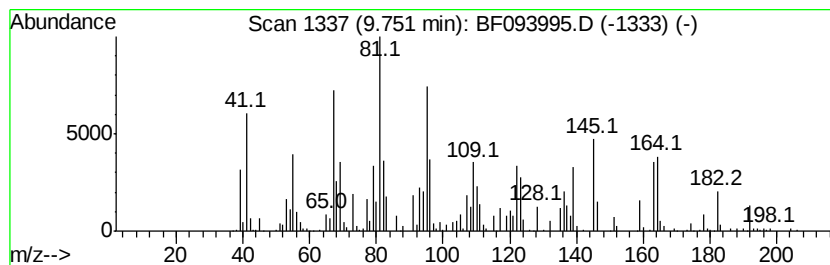
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown9.75 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	10.70 ng	935226	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Methyl-7,8-dihydro-2(1H)-pteridin...	164	C7H8N4O	089852-89-1	35
2		2,7:3,6-Dimethano-2H-1-benzopyra...	164	C11H16O	055092-18-7	30
3		Imidazole, 2,5-dimethyl-4-triflu...	164	C6H7F3N2	081769-62-2	27
4		Allylidene cyclohexane	122	C9H14	005664-10-8	25
5		7-Thiabicyclo[4.1.0]heptane, 1-m...	128	C7H12S	007272-23-3	25



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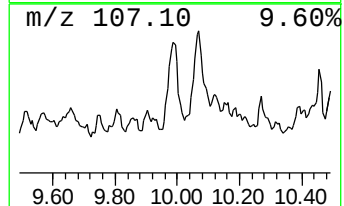
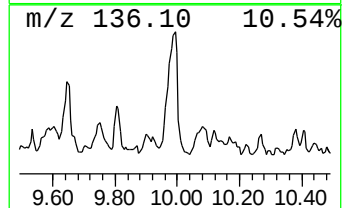
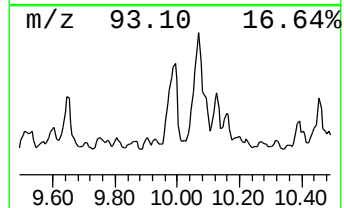
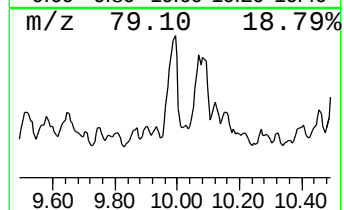
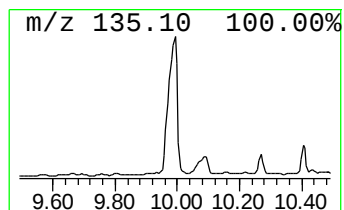
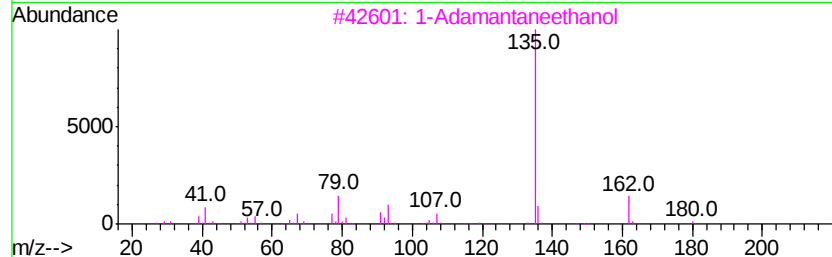
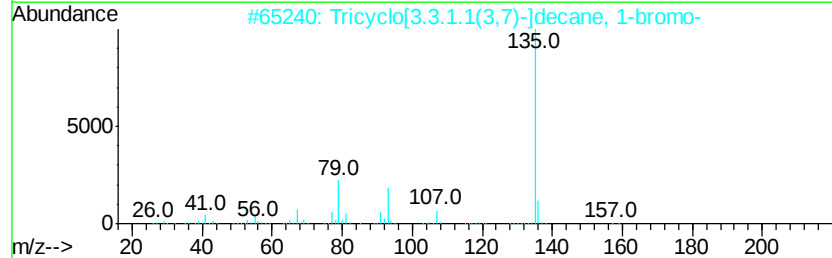
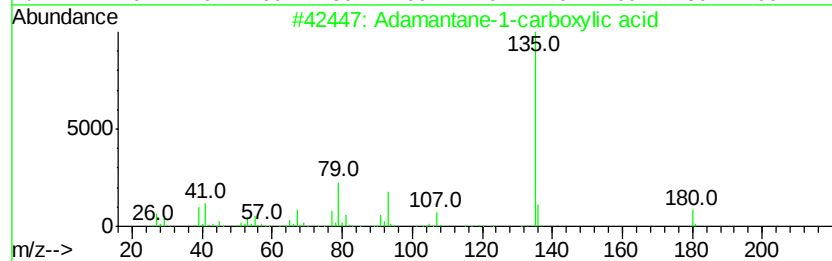
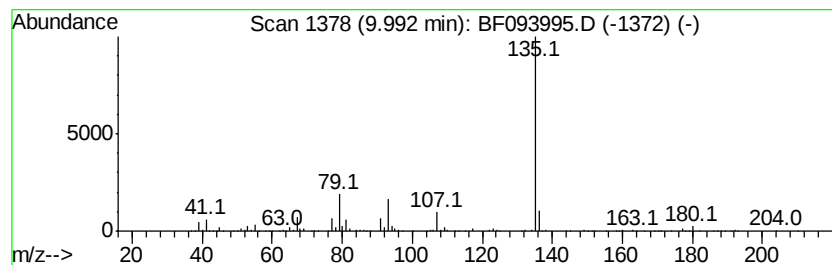
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Adamantane-1-carboxylic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	19.27 ng	1684510	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	90
2		Tricyclo[3.3.1.1(3,7)]decane, 1...	214	C10H15Br	000768-90-1	86
3		1-Adamantaneethanol	180	C12H20O	006240-11-5	86
4		1-Adamantanemethanol	166	C11H18O	000770-71-8	86
5		N-(3-Hydroxy-2,6-dimethyl-4-pyri...	300	C18H24N2O2	1000260-99-3	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF093995.D
Acq On : 28 Mar 2017 16:27
Operator : SJ/MA
Sample : I2362-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0662

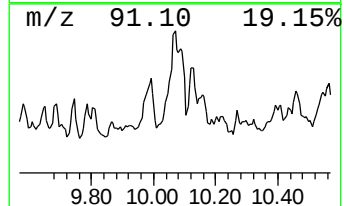
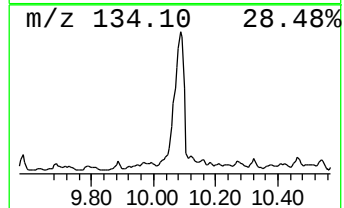
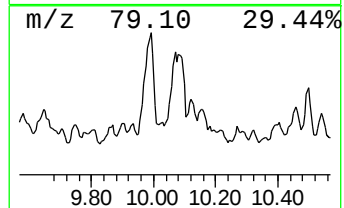
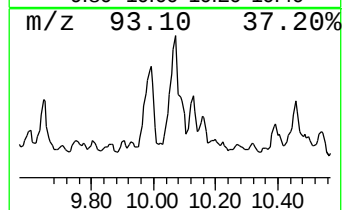
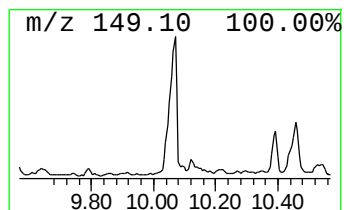
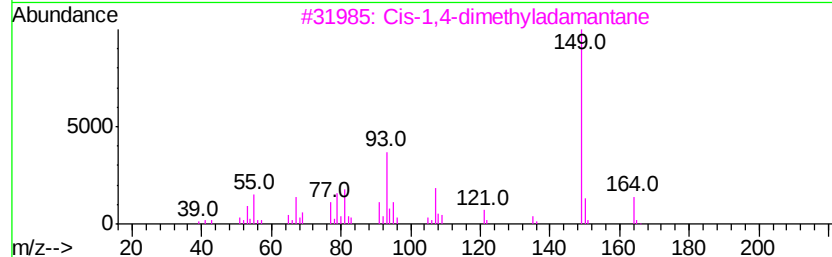
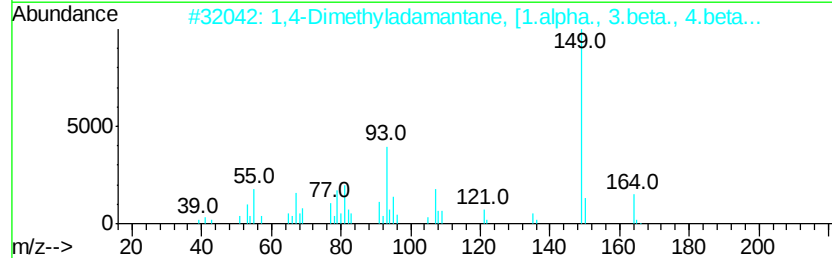
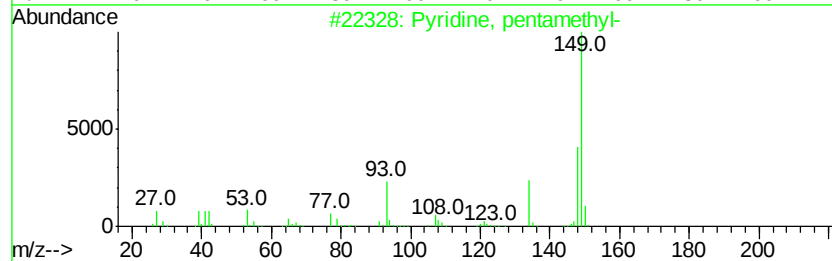
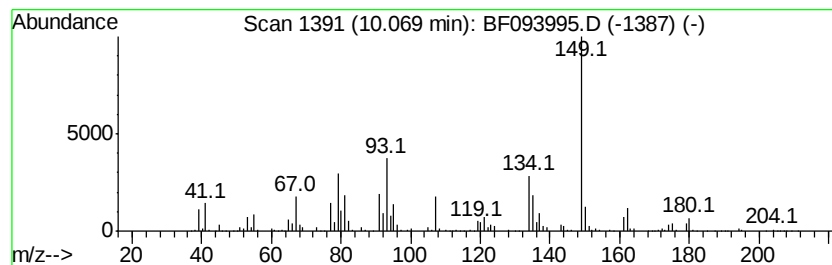
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pyridine, pentamethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	15.98 ng	1397290	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	64
2		1,4-Dimethyladamantane, [1.alpha...	164	C12H20	024145-88-8	59
3		Cis-1,4-dimethyladamantane	164	C12H20	024145-89-9	59
4		Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	53
5		Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032817\
 Data File : BF093995.D
 Acq On : 28 Mar 2017 16:27
 Operator : SJ/MA
 Sample : I2362-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0662

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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-Butanol, 2,3-di...	2.67	11.5	ng	775613	1	5.93	1351130	20.0
unknown5.67	5.67	64.6	ng	4361500	1	5.93	1351130	20.0
unknown6.16	6.16	12.1	ng	815226	1	5.93	1351130	20.0
unknown6.39	6.39	8.3	ng	557169	1	5.93	1351130	20.0
unknown7.06	7.06	9.0	ng	1080880	2	7.43	2393480	20.0
unknown7.13	7.13	10.7	ng	1280640	2	7.43	2393480	20.0
unknown7.50	7.50	12.0	ng	1441180	2	7.43	2393480	20.0
unknown7.79	7.79	8.6	ng	1023790	2	7.43	2393480	20.0
unknown8.31	8.31	16.7	ng	1997980	2	7.43	2393480	20.0
unknown8.43	8.43	11.2	ng	1342350	2	7.43	2393480	20.0
Vinyltris(cyclopr...	8.71	12.0	ng	1047430	3	9.58	1748370	20.0
unknown8.95	8.95	9.7	ng	845938	3	9.58	1748370	20.0
unknown9.00	9.00	21.0	ng	1833080	3	9.58	1748370	20.0
Benzoic acid, 2,4...	9.18	16.9	ng	1477170	3	9.58	1748370	20.0
unknown9.52	9.52	18.6	ng	1625920	3	9.58	1748370	20.0
unknown9.75	9.75	10.7	ng	935226	3	9.58	1748370	20.0
Adamantane-1-carb...	9.99	19.3	ng	1684510	3	9.58	1748370	20.0
Pyridine, pentame...	10.07	16.0	ng	1397290	3	9.58	1748370	20.0