

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087517.D
 Acq On : 29 May 2016 12:50
 Operator : UM/SJ
 Sample : H3222-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

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-BF052316.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	3.519	166	169	180	rBV	37847	144902	3.60%	0.141%
2	4.696	269	272	276	rBV2	82851	215379	5.36%	0.210%
3	4.844	283	285	299	rVB	240097	491950	12.24%	0.479%
4	5.382	329	332	339	rBV	651193	1524006	37.92%	1.485%
5	5.484	339	341	346	rVV	163805	306264	7.62%	0.299%
6	5.564	346	348	356	rVB2	89968	236876	5.89%	0.231%
7	5.679	356	358	361	rBV2	56570	136378	3.39%	0.133%
8	5.759	361	365	371	rVB4	93018	296019	7.36%	0.289%
9	5.999	384	386	392	rVB	87755	187943	4.68%	0.183%
10	6.433	421	424	429	rVB2	72897	143596	3.57%	0.140%
11	6.570	433	436	439	rBV	56416	133878	3.33%	0.130%
12	6.742	446	451	455	rVV2	131981	297574	7.40%	0.290%
13	6.856	459	461	463	rBV	196422	290327	7.22%	0.283%
14	6.902	463	465	471	rVB	387341	613216	15.26%	0.598%
15	7.005	471	474	476	rBV	93326	141219	3.51%	0.138%
16	7.050	476	478	483	rVV	580321	1244702	30.97%	1.213%
17	7.130	483	485	492	rVV	1650705	2866792	71.32%	2.794%
18	7.222	492	493	496	rVV2	67364	130851	3.26%	0.128%
19	7.416	504	510	512	rVV5	147102	485204	12.07%	0.473%
20	7.462	512	514	517	rVV	537682	1123172	27.94%	1.095%
21	7.519	517	519	524	rVB3	359686	709660	17.66%	0.692%
22	7.702	532	535	542	rBV	1667808	2641879	65.73%	2.575%
23	7.805	542	544	548	rVV	426595	698961	17.39%	0.681%
24	7.885	548	551	553	rVV3	151953	238705	5.94%	0.233%
25	8.045	560	565	568	rBV3	316545	769350	19.14%	0.750%
26	8.182	573	577	579	rBV	515610	910473	22.65%	0.887%
27	8.308	585	588	590	rVV2	449154	642035	15.97%	0.626%
28	8.342	590	591	593	rVV	228832	405490	10.09%	0.395%
29	8.388	593	595	598	rVV	1417227	1966619	48.93%	1.917%
30	8.445	598	600	602	rVV	264198	493540	12.28%	0.481%
31	8.479	602	603	607	rVB2	76576	119454	2.97%	0.116%
32	8.570	607	611	615	rBV4	144561	558065	13.88%	0.544%
33	8.662	615	619	621	rVV4	128732	351281	8.74%	0.342%
34	8.719	621	624	626	rVB2	340320	548221	13.64%	0.534%

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35	8.822	628	633	634	rBV4	116534	323388	8.05%	0.315%
36	8.856	634	636	639	rVB	294658	401615	9.99%	0.391%
37	8.959	642	645	647	rBV3	174920	305177	7.59%	0.297%
38	9.096	654	657	661	rBV2	384975	1132504	28.18%	1.104%
39	9.233	661	669	674	rVV8	323861	1445095	35.95%	1.408%
40	9.336	674	678	682	rVV5	196692	544161	13.54%	0.530%
41	9.428	684	686	691	rBV4	161299	405876	10.10%	0.396%
42	9.496	691	692	694	rBV	627922	927931	23.09%	0.904%
43	9.531	694	695	700	rVB4	291214	459482	11.43%	0.448%
44	9.702	703	710	713	rBV3	458744	1666080	41.45%	1.624%
45	9.839	717	722	725	rVB7	391567	1271159	31.62%	1.239%
46	9.908	725	728	732	rBV3	376400	932608	23.20%	0.909%
47	9.988	732	735	736	rBV3	278846	629213	15.65%	0.613%
48	10.091	742	744	745	rBV2	250847	356100	8.86%	0.347%
49	10.148	747	749	751	rVV3	425790	812963	20.23%	0.792%
50	10.251	751	758	759	rVV3	730526	2440724	60.72%	2.379%
51	10.285	759	761	763	rVV2	652897	1106336	27.52%	1.078%
52	10.365	763	768	771	rVV	1327369	2525419	62.83%	2.461%
53	10.456	771	776	777	rVV2	547989	1352042	33.64%	1.318%
54	10.502	777	780	782	rVV3	806773	1763924	43.88%	1.719%
55	10.548	782	784	785	rVV	390713	575497	14.32%	0.561%
56	10.582	785	787	790	rVV2	353250	675306	16.80%	0.658%
57	10.662	790	794	796	rVV4	423679	952408	23.69%	0.928%
58	10.708	796	798	800	rVB2	188925	258469	6.43%	0.252%
59	10.776	800	804	806	rVB2	1155157	1941845	48.31%	1.893%
60	10.822	806	808	809	rBV	460739	735612	18.30%	0.717%
61	10.856	809	811	814	rVB	496726	683978	17.02%	0.667%
62	10.936	814	818	820	rBV3	389867	856726	21.31%	0.835%
63	11.016	820	825	828	rBV3	424722	1019388	25.36%	0.994%
64	11.085	828	831	833	rVV	321383	529007	13.16%	0.516%
65	11.176	833	839	845	rVV8	618096	3351946	83.39%	3.267%
66	11.279	845	848	850	rVV	2066476	3838013	95.48%	3.741%
67	11.382	853	857	862	rVB4	770022	2311362	57.50%	2.253%
68	11.474	862	865	866	rBV	379366	594537	14.79%	0.579%
69	11.565	871	873	875	rBV2	457196	811595	20.19%	0.791%
70	11.702	882	885	887	rBV2	564409	919305	22.87%	0.896%
71	11.977	905	909	911	rBV3	416986	1232529	30.66%	1.201%

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72	12.274	933	935	937	rBV2	312100	438880	10.92%	0.428%
73	12.331	937	940	946	rVV3	954675	2616894	65.10%	2.551%
74	12.468	947	952	955	rVV4	691821	2416827	60.13%	2.356%
75	12.594	958	963	968	rVB2	1125527	4019498	100.00%	3.918%
76	12.685	968	971	974	rBV5	306974	873914	21.74%	0.852%
77	12.754	974	977	979	rBV2	606786	904022	22.49%	0.881%
78	12.868	984	987	992	rBV5	647410	1863120	46.35%	1.816%
79	13.074	1001	1005	1009	rVV3	1017029	2503350	62.28%	2.440%
80	13.154	1009	1012	1014	rVV3	329031	768265	19.11%	0.749%
81	13.245	1016	1020	1024	rVB2	1029743	3271337	81.39%	3.188%
82	13.337	1024	1028	1030	rBV2	759234	1835743	45.67%	1.789%
83	13.508	1038	1043	1045	rBV5	546274	1381603	34.37%	1.347%
84	13.554	1045	1047	1050	rVV3	768620	1712171	42.60%	1.669%
85	13.645	1053	1055	1059	rVV2	1417794	2379016	59.19%	2.319%
86	13.862	1071	1074	1078	rVB3	414947	833432	20.73%	0.812%
87	14.148	1096	1099	1101	rVB2	524259	932482	23.20%	0.909%
88	14.205	1102	1104	1108	rVB3	356335	754754	18.78%	0.736%
89	14.274	1108	1110	1113	rBV2	535851	1107100	27.54%	1.079%
90	14.480	1125	1128	1129	rBV3	131764	273214	6.80%	0.266%
91	14.640	1138	1142	1147	rBV5	438554	1484220	36.93%	1.447%
92	14.742	1149	1151	1153	rVB	669716	826902	20.57%	0.806%
93	15.005	1171	1174	1179	rVB4	225280	535255	13.32%	0.522%
94	15.268	1194	1197	1198	rBV2	105087	170565	4.24%	0.166%
95	15.520	1217	1219	1222	rVB2	166619	241609	6.01%	0.235%
96	15.748	1237	1239	1243	rVB3	198952	374877	9.33%	0.365%
97	16.823	1331	1333	1341	rVB2	71299	153505	3.82%	0.150%
98	17.086	1353	1356	1359	rBV	2041141	2389146	59.44%	2.329%
99	18.434	1472	1474	1482	rVB	462667	756290	18.82%	0.737%
100	20.114	1619	1621	1632	rBV	351116	629397	15.66%	0.613%

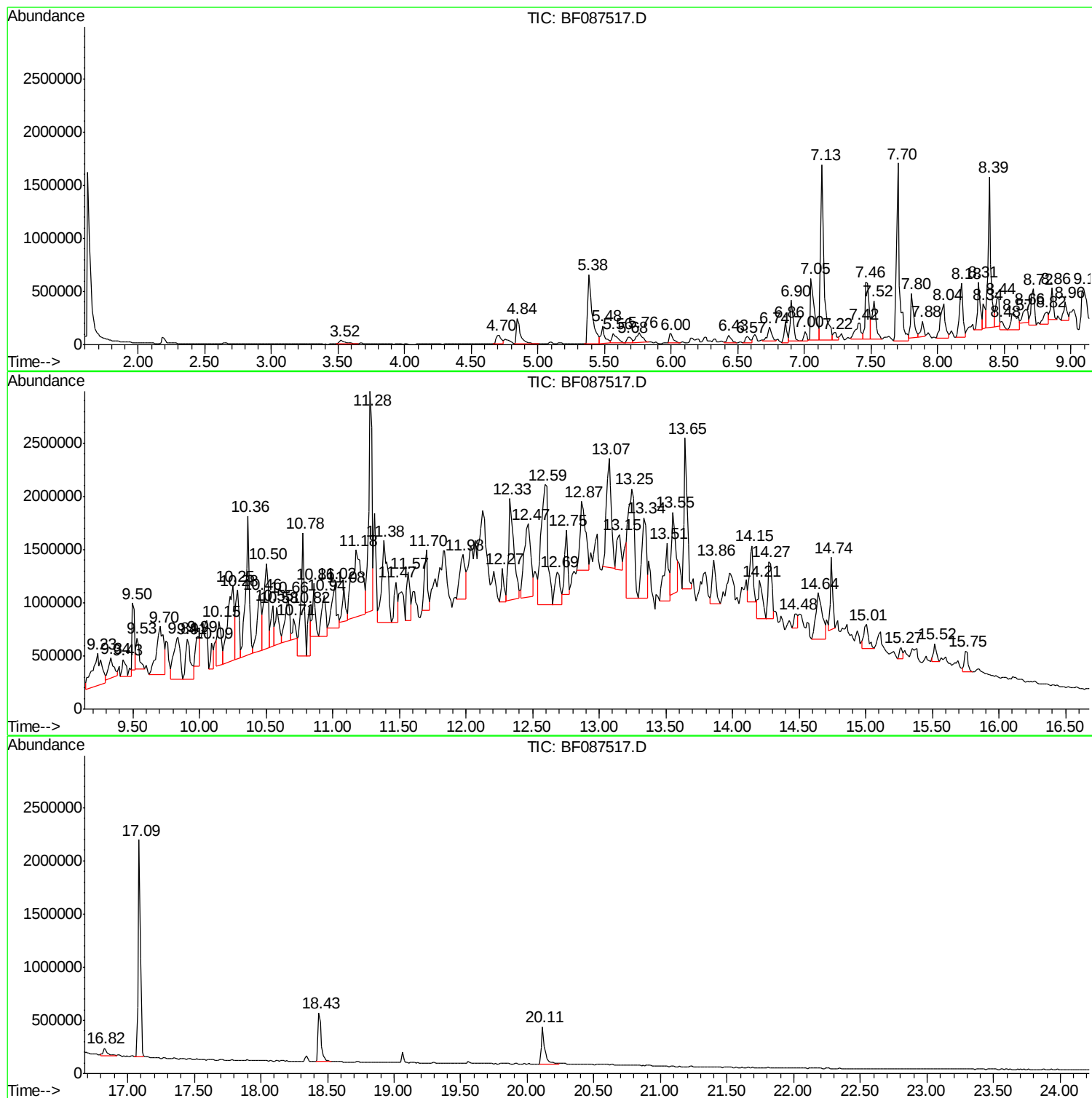
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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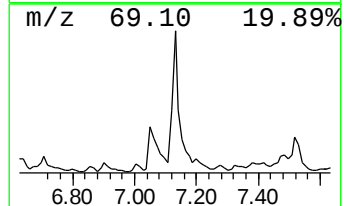
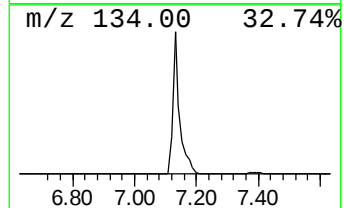
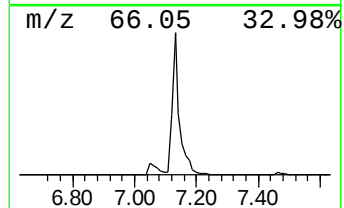
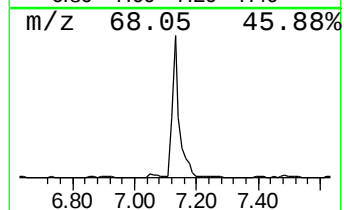
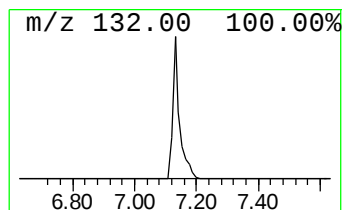
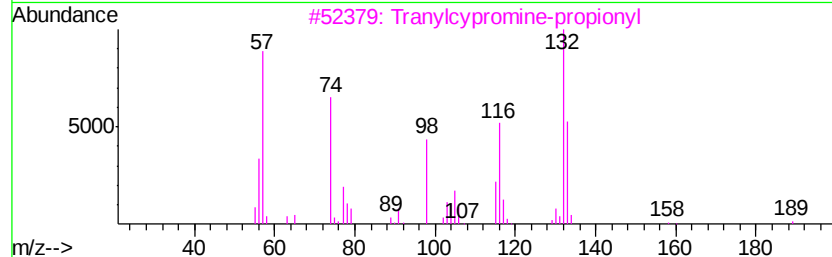
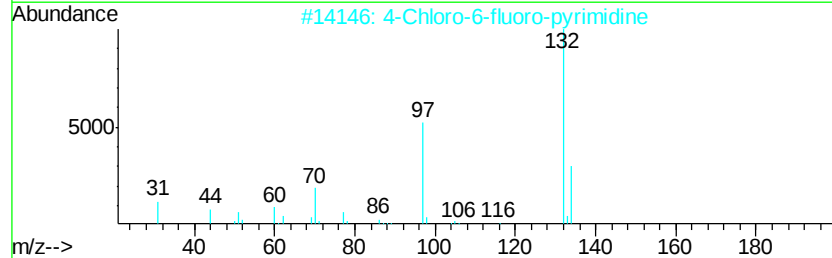
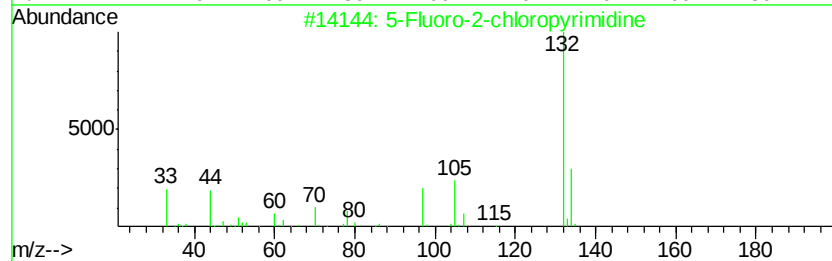
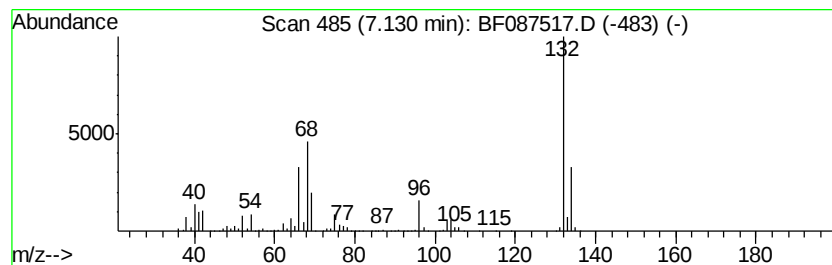
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.13 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	51.05 ng	2866790	1,4-Dichlorobenzene-d4	7.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16



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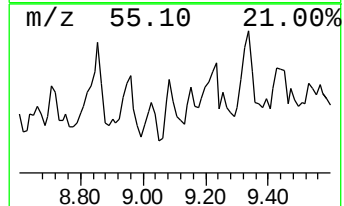
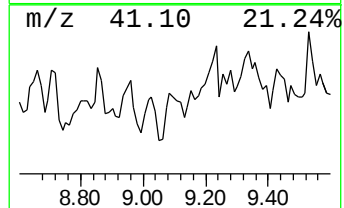
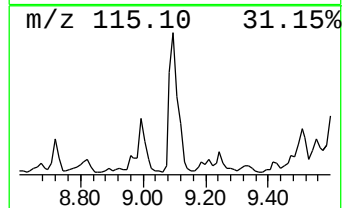
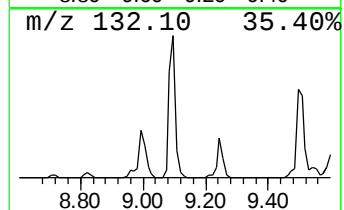
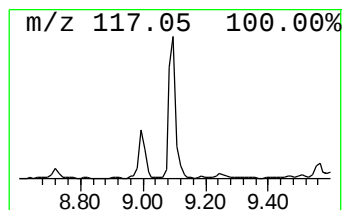
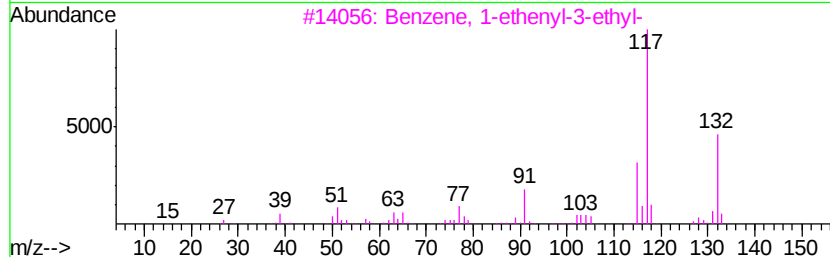
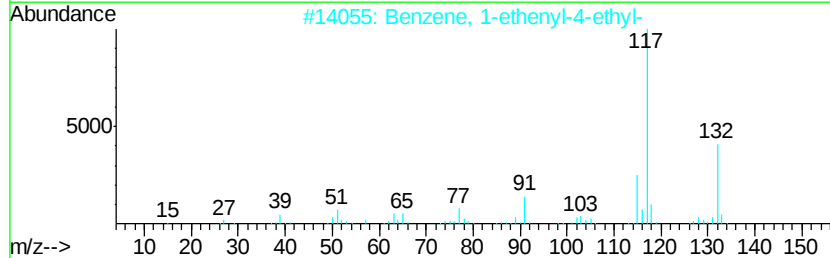
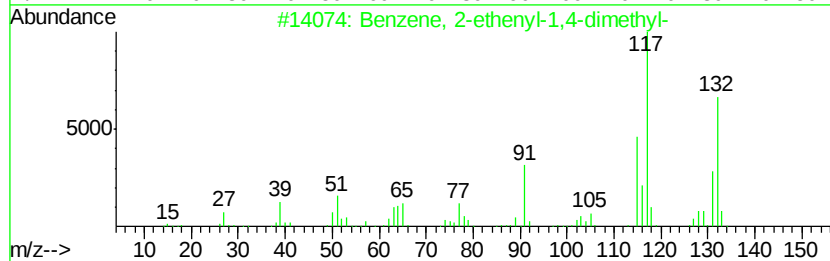
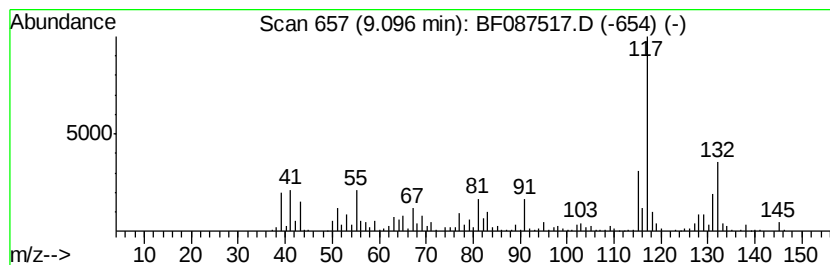
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	24.41 ng	1132500	Napthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87



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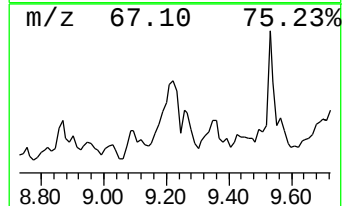
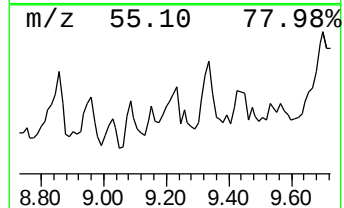
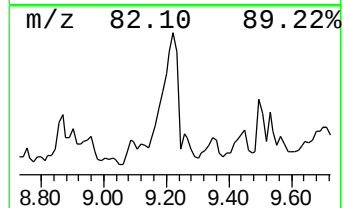
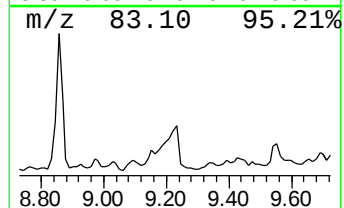
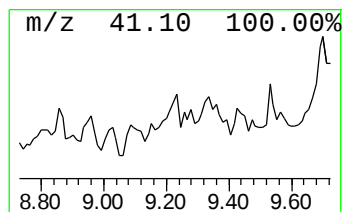
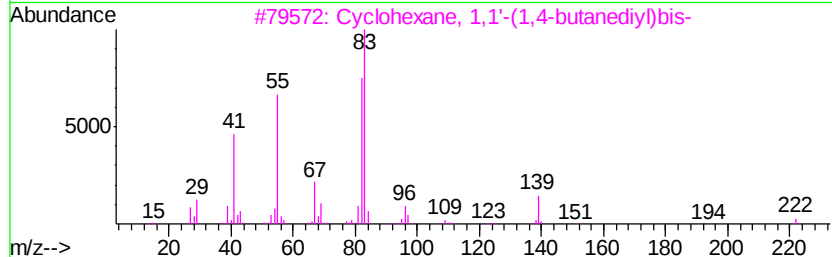
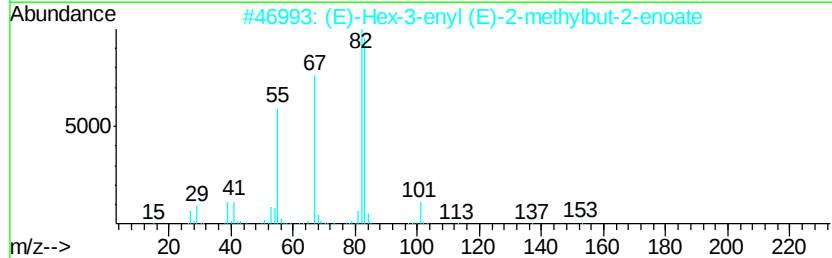
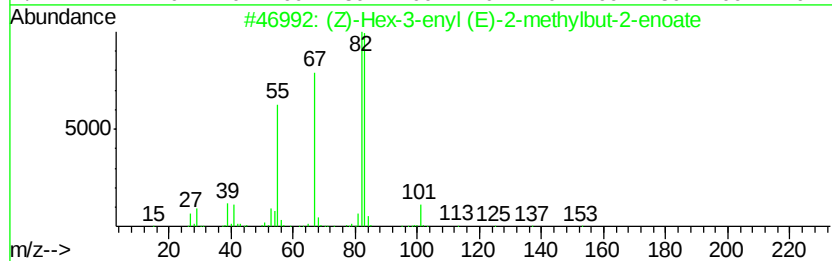
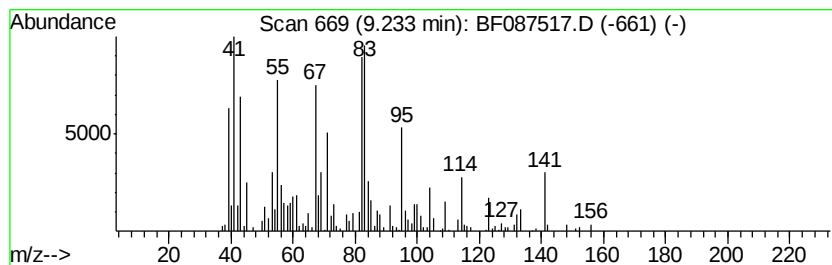
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Peak Number 4 unknown9.23 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	31.15 ng	1445100	Naphthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	1000373-73-0	47
2		(E)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	1000373-74-1	47
3		Cyclohexane, 1,1'-(1,4-butanediyl...	222	C16H30	006165-44-2	35
4		Adipic acid, di(trans-hex-3-enyl...	310	C18H30O4	1000354-02-3	35
5		Fomepizole	82	C4H6N2	007554-65-6	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087517.D
Acq On : 29 May 2016 12:50
Operator : UM/SJ
Sample : H3222-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-36

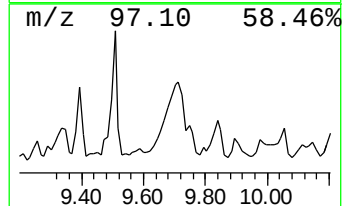
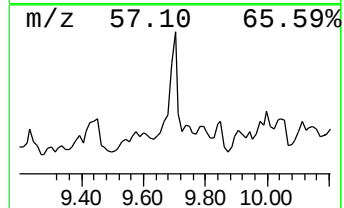
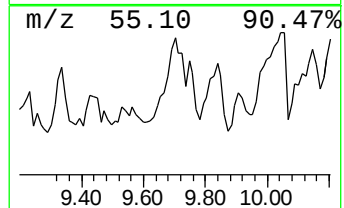
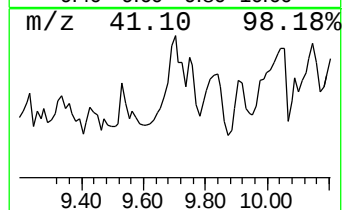
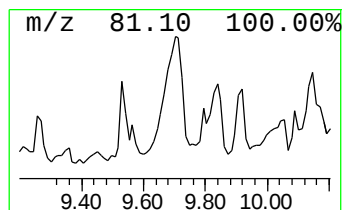
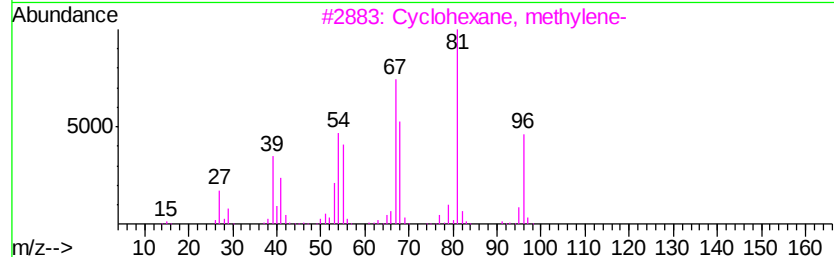
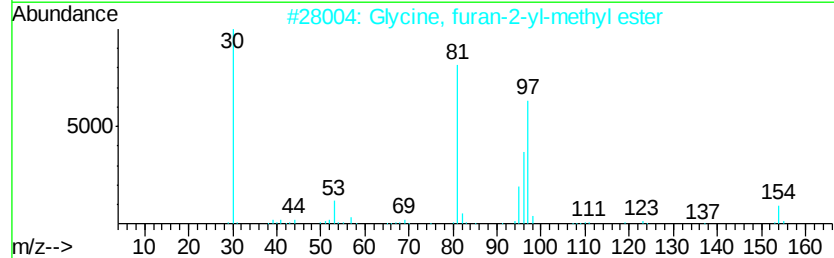
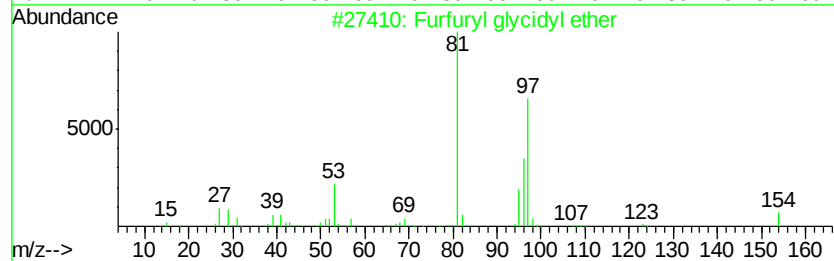
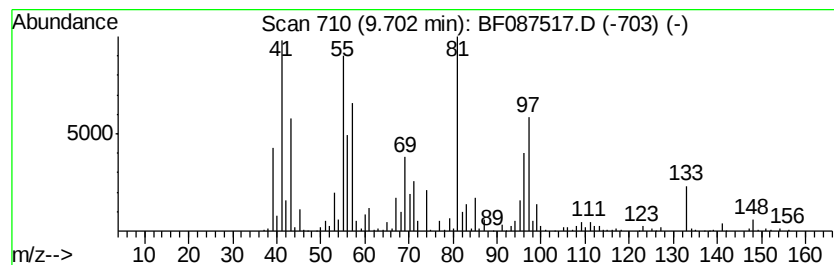
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown9.70 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	35.91 ng	1666080	Naphthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	43
2		Glycine, furan-2-yl-methyl ester	155	C7H9NO3	1000306-78-7	43
3		Cyclohexane, methylene-	96	C7H12	001192-37-6	35
4		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	35
5		Pentalene, octahydro-2,5-dimethyl-	138	C10H18	028588-55-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087517.D
Acq On : 29 May 2016 12:50
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Sample : H3222-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

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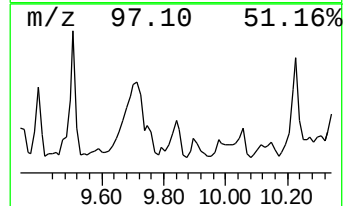
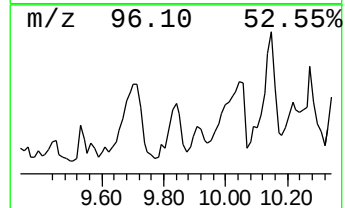
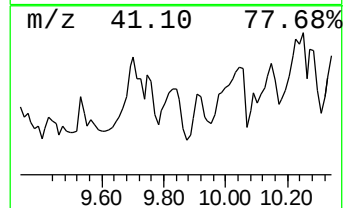
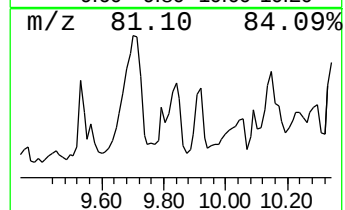
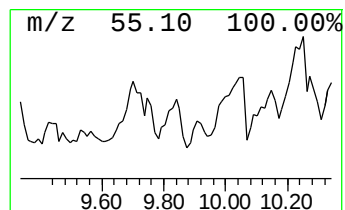
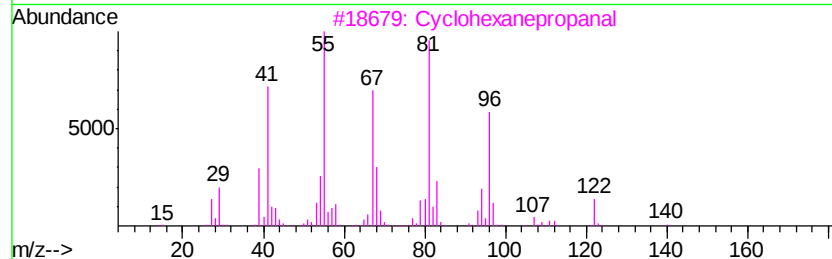
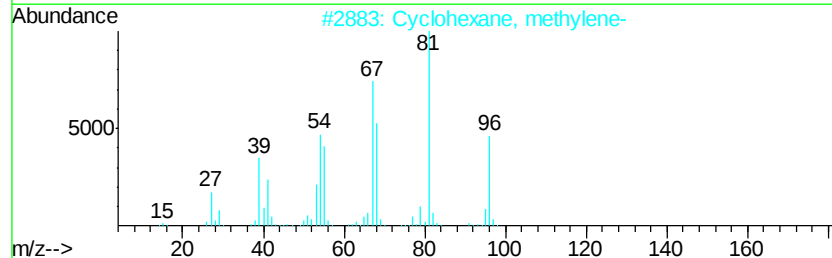
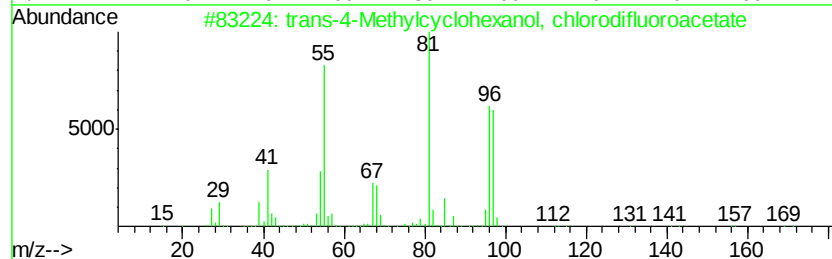
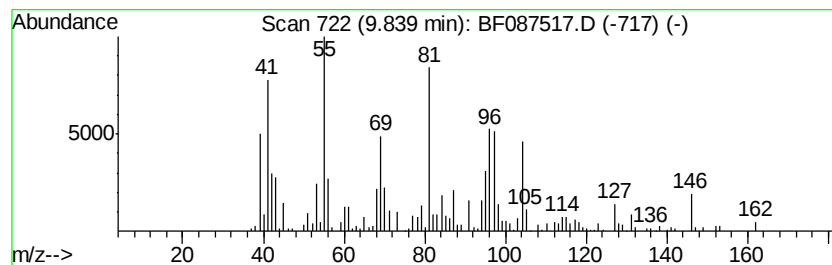
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown9.84 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	27.40 ng	1271160	Naphthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-4-Methylcyclohexanol, chlo...	226	C9H13ClF2O2	1000376-26-1	47
2		Cyclohexane, methylene-	96	C7H12	001192-37-6	35
3		Cyclohexanepropanal	140	C9H16O	004361-28-8	35
4		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	35
5		Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087517.D
Acq On : 29 May 2016 12:50
Operator : UM/SJ
Sample : H3222-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

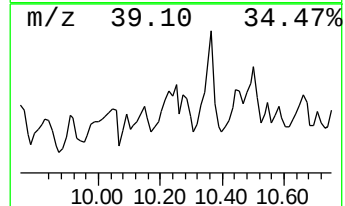
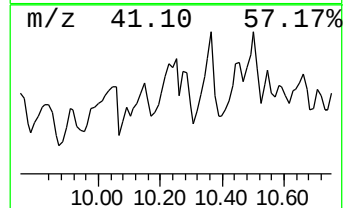
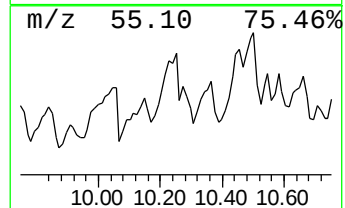
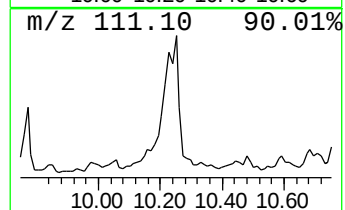
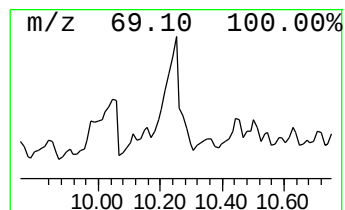
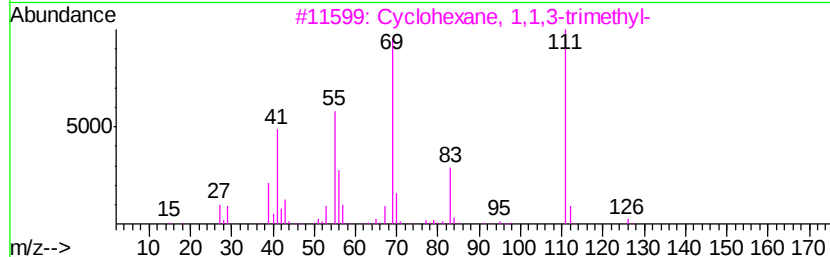
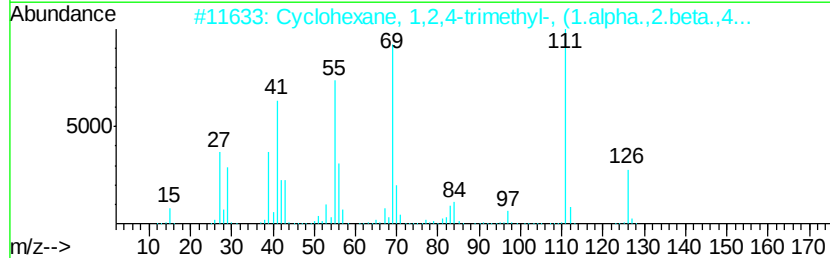
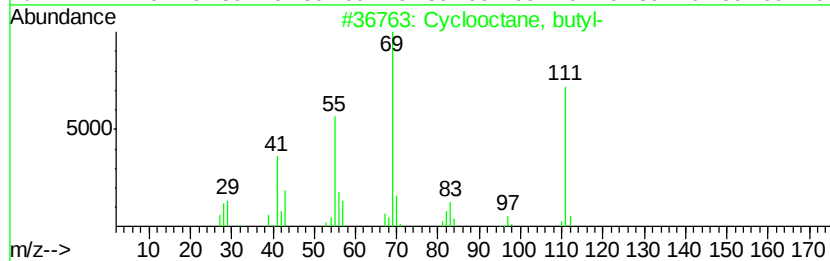
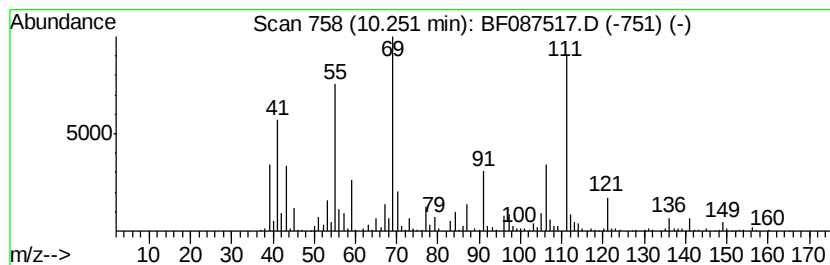
Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclooctane, butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	52.61 ng	2440720	Naphthalene-d8	9.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclooctane, butyl-	168 C12H24	016538-93-5 59
2		Cyclohexane, 1,2,4-trimethyl-, (...)	126 C9H18	007667-60-9 59
3		Cyclohexane, 1,1,3-trimethyl-	126 C9H18	003073-66-3 53
4		1,1'-Bicyclooctyl	222 C16H30	006708-17-4 52
5		Cyclohexane, 1,3,5-trimethyl-	126 C9H18	001839-63-0 50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087517.D
Acq On : 29 May 2016 12:50
Operator : UM/SJ
Sample : H3222-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

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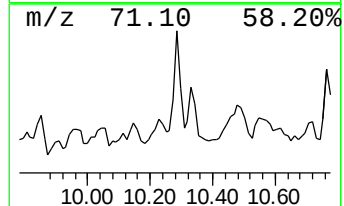
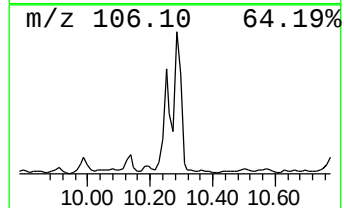
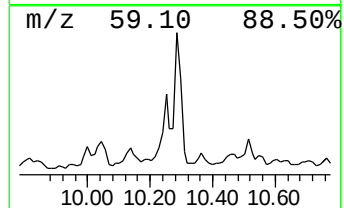
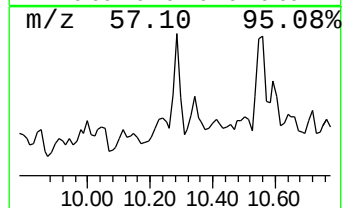
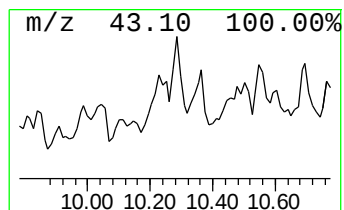
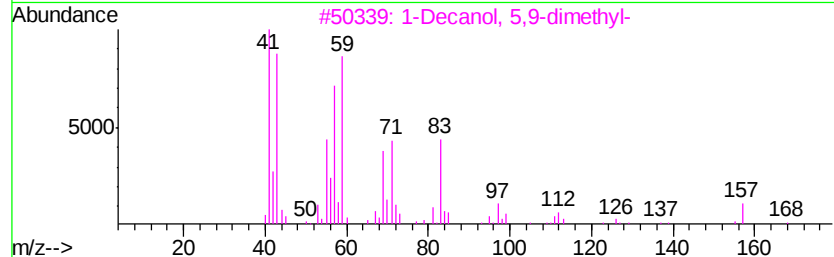
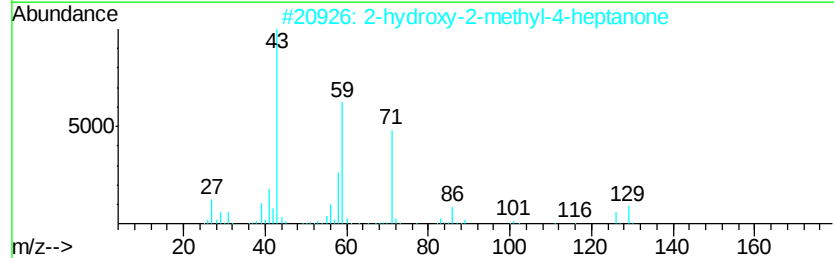
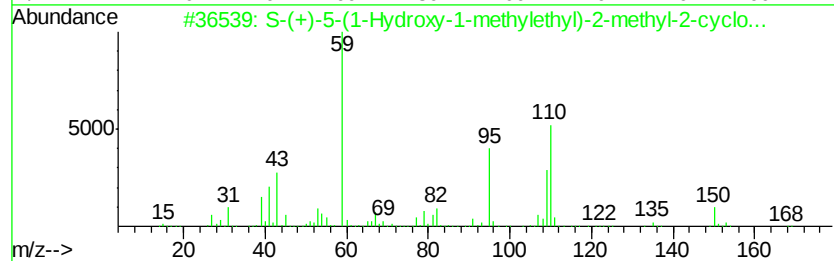
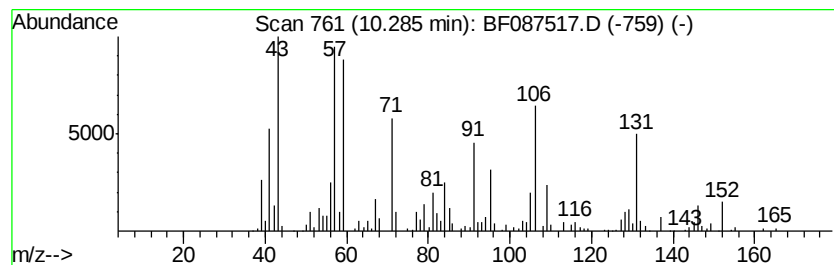
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown10.28 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	23.85 ng	1106340	Napthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	S-(+)-5-(1-Hydroxy-1-methylethyl...	168	C10H16O2	060593-11-5	27
2		2-hydroxy-2-methyl-4-heptanone	144	C8H16O2	054862-91-8	25
3		1-Decanol, 5,9-dimethyl-	186	C12H26O	091482-38-1	16
4		Benzenepropanol, .alpha.,.alpha....	164	C11H16O	000103-05-9	12
5		3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087517.D
Acq On : 29 May 2016 12:50
Operator : UM/SJ
Sample : H3222-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

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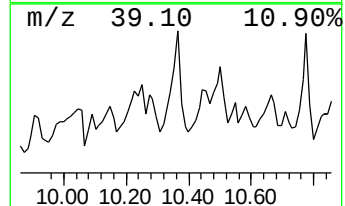
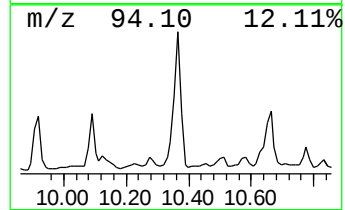
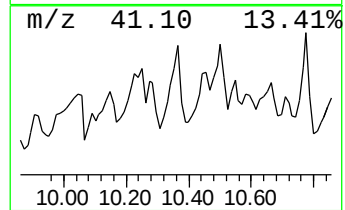
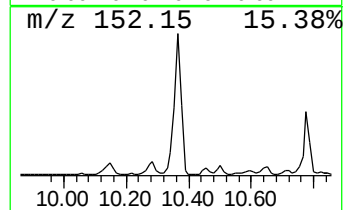
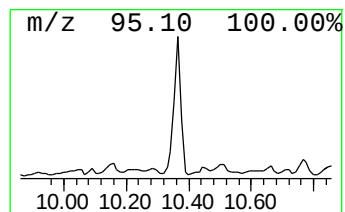
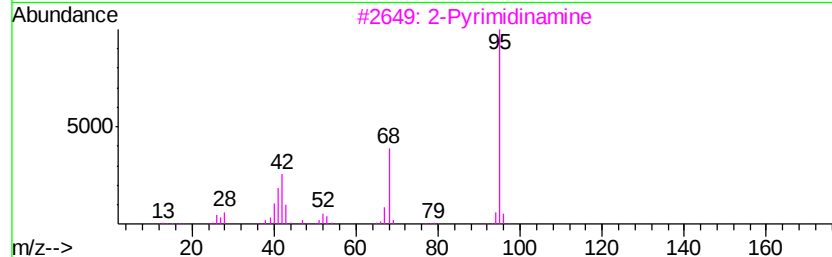
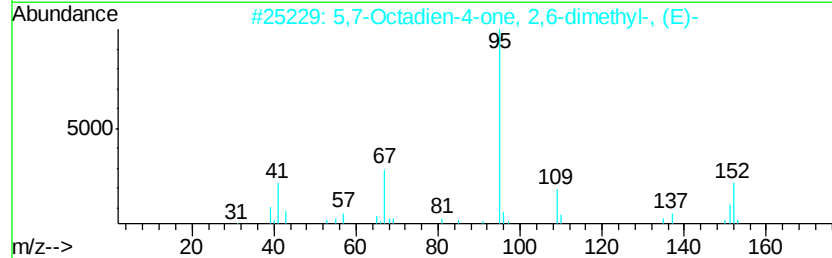
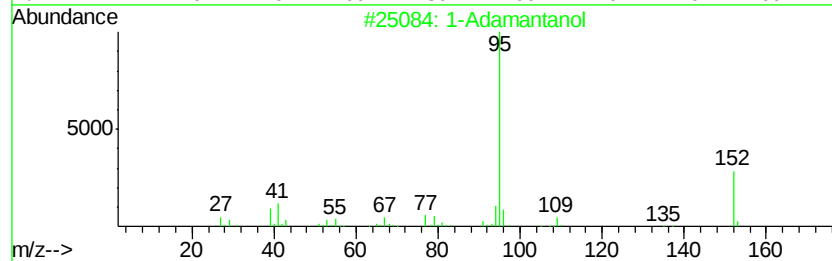
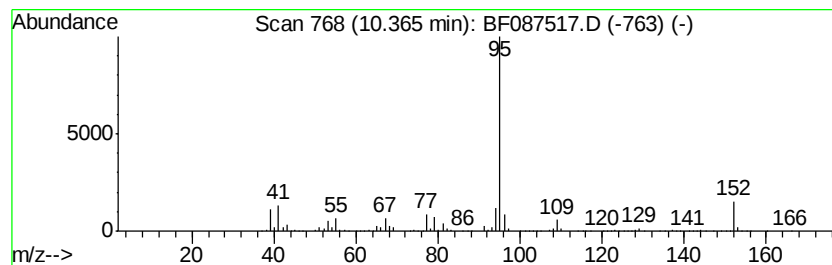
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1-Adamantanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	54.43 ng	2525420	Naphthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Adamantanol	152	C10H16O	000768-95-6	90
2		5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	59
3		2-Pyrimidinamine	95	C4H5N3	000109-12-6	53
4		2-Oxatricyclo[3.3.1.1(3,7)]decan...	152	C10H16O	006508-22-1	50
5		2-Furanmethanethiol, 5-methyl-	128	C6H8OS	059303-05-8	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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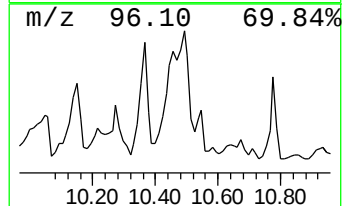
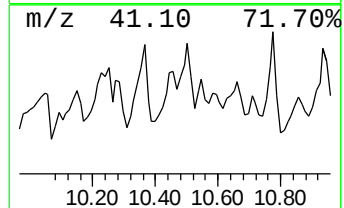
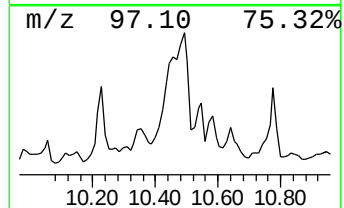
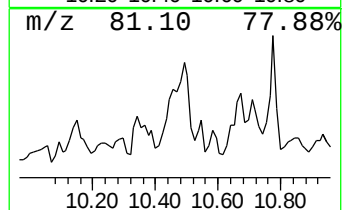
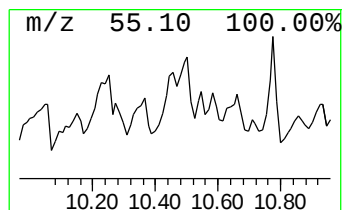
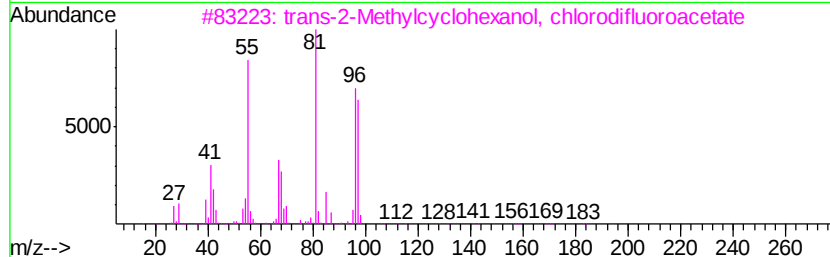
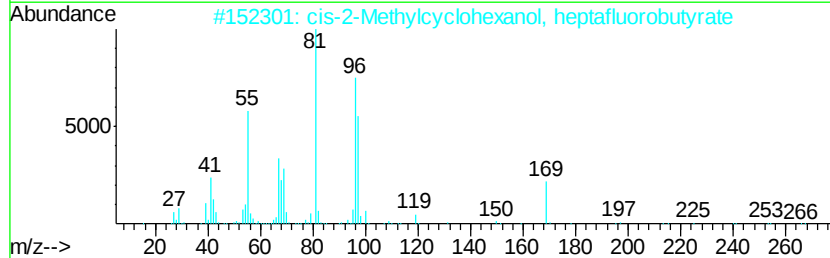
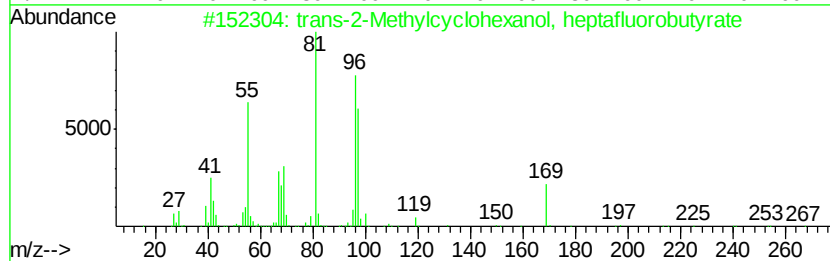
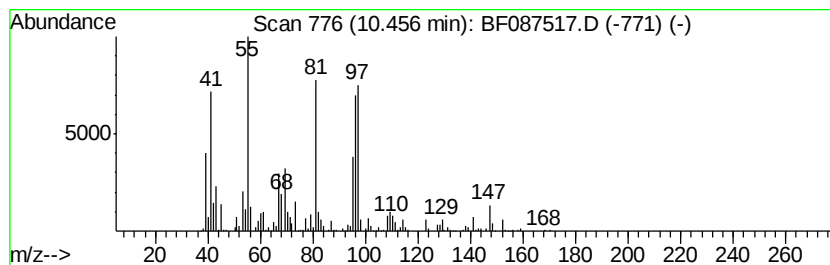
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown10.46 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	29.14 ng	1352040	Napthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-2-Methylcyclohexanol, hept...	310	C11H13F7O2	1000364-13-5	49
2		cis-2-Methylcyclohexanol, heptaf...	310	C11H13F7O2	1000364-12-5	49
3		trans-2-Methylcyclohexanol, chlo...	226	C9H13ClF2O2	1000376-26-0	49
4		Carbonic acid, isobutyl cyclohex...	214	C12H22O3	1000357-83-0	47
5		4H-1,3-Benzodioxin-4-one, hexahy...	170	C9H14O3	124899-15-6	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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Acq On : 29 May 2016 12:50
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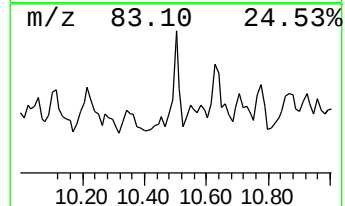
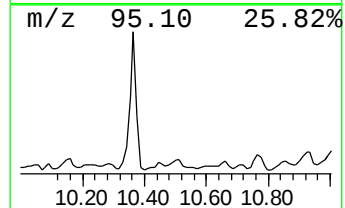
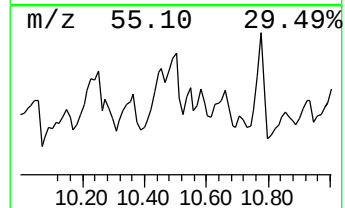
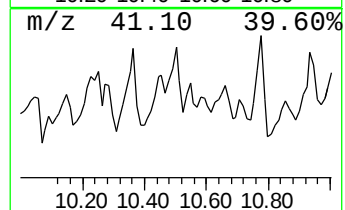
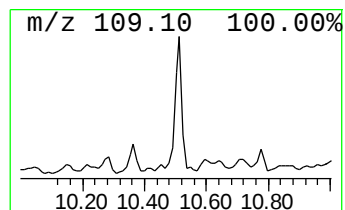
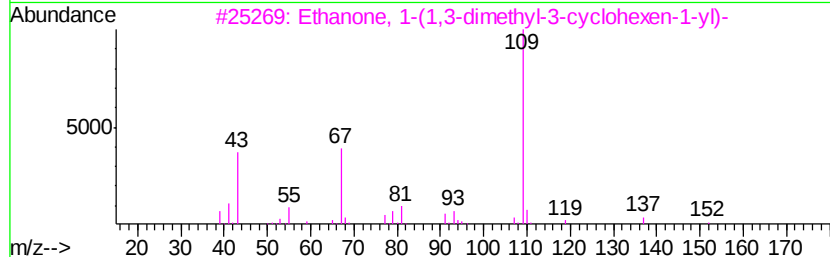
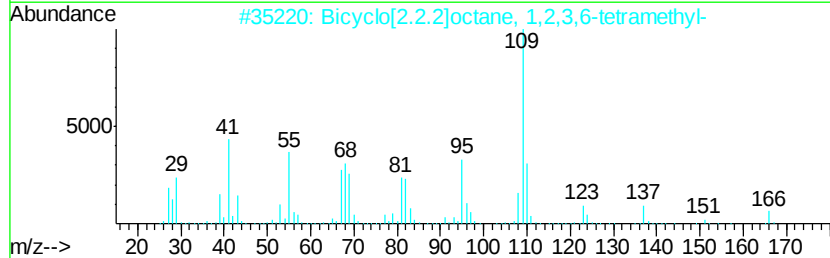
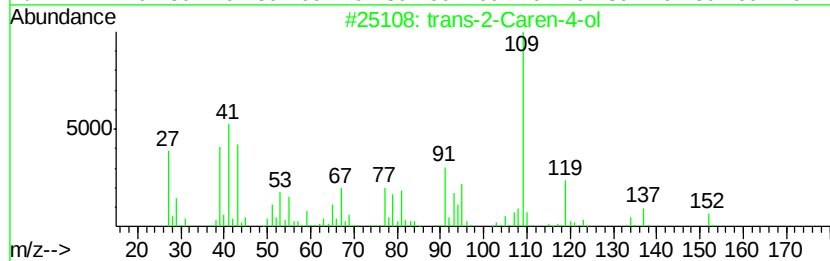
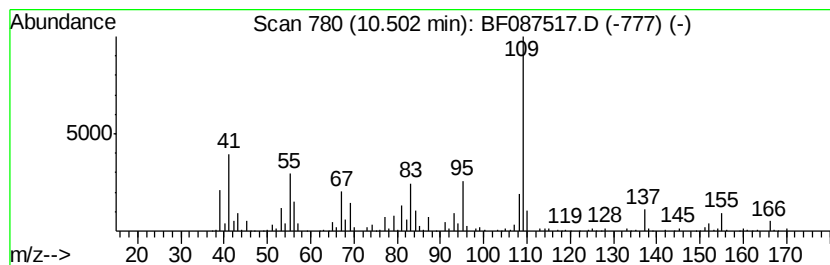
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 trans-2-Caren-4-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	38.02 ng	1763920	Naphthalene-d8	9.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-2-Caren-4-ol	152 C10H16O	004017-82-7	59
2	Bicyclo[2.2.2]octane, 1,2,3,6-te...	166 C12H22	062338-45-8	53
3	Ethanone, 1-(1,3-dimethyl-3-cycl...	152 C10H16O	051733-68-7	47
4	1-(1,2,3-Trimethyl-cyclopent-2-e...	152 C10H16O	070987-81-4	46
5	(1,2,3-Trimethyl-cyclopent-2-eny...	140 C9H16O	1000190-91-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087517.D
Acq On : 29 May 2016 12:50
Operator : UM/SJ
Sample : H3222-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

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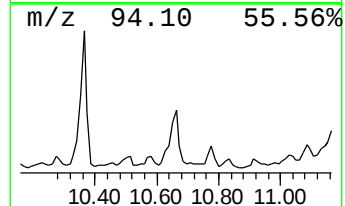
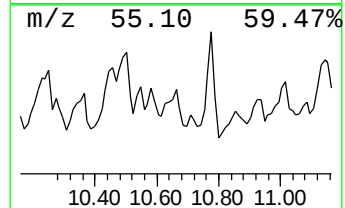
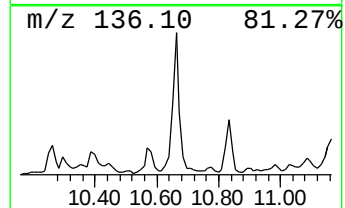
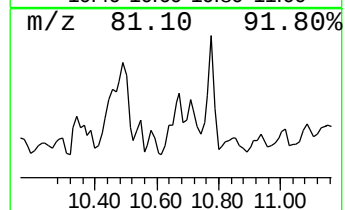
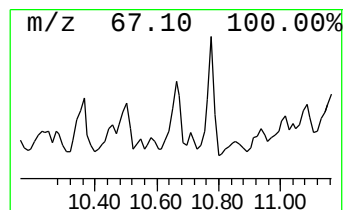
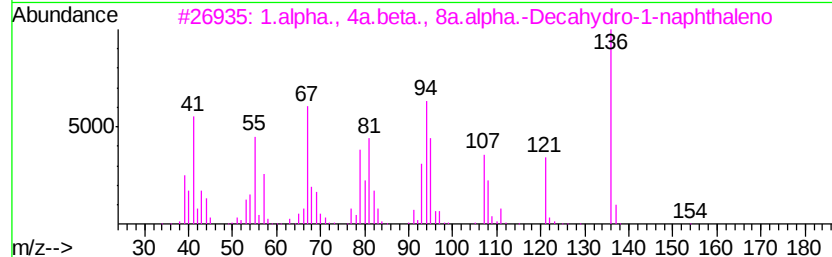
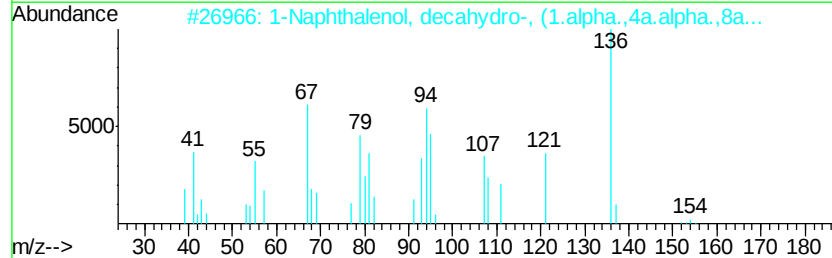
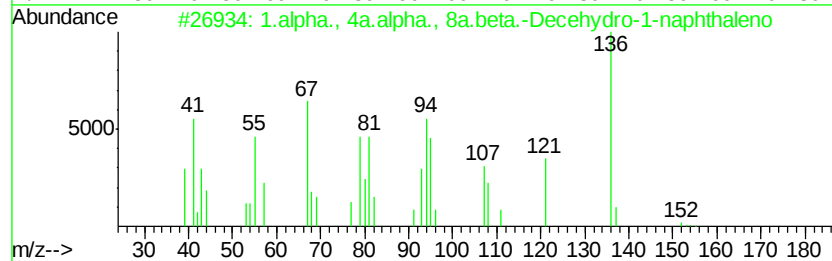
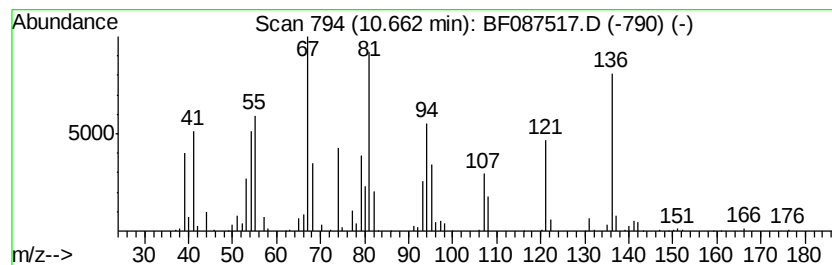
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown10.66 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	20.53 ng	952408	Naphthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1.alpha., 4a.alpha., 8a.beta.-De...	154	C10H18O	002529-03-5	46
2		1-Naphthalenol, decahydro-, (1.a...	154	C10H18O	014759-74-1	46
3		1.alpha., 4a.beta., 8a.alpha.-De...	154	C10H18O	036159-47-4	46
4		5-Dodecyne	166	C12H22	019780-12-2	43
5		Tricyclo[5.3.0.0(4,8)]decane	136	C10H16	019485-20-2	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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Misc :
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ClientSampleId :
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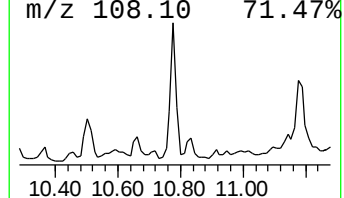
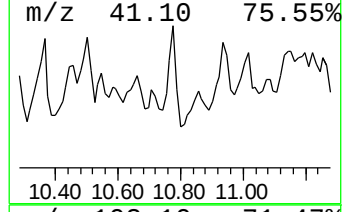
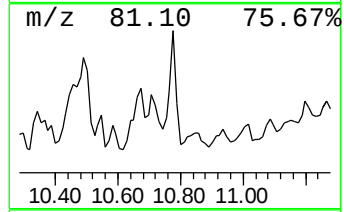
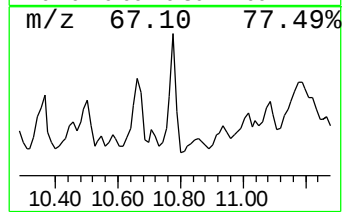
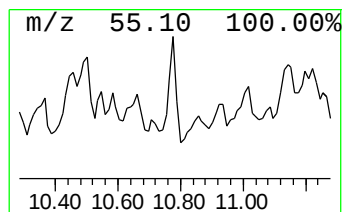
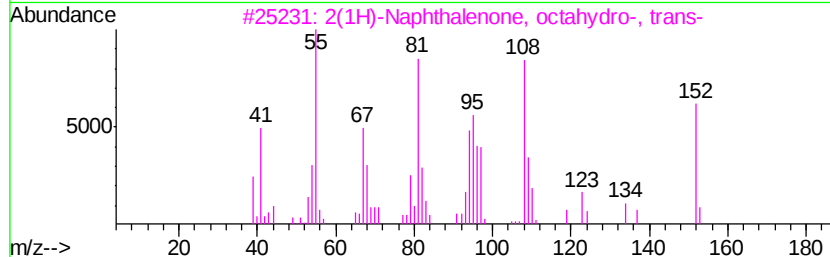
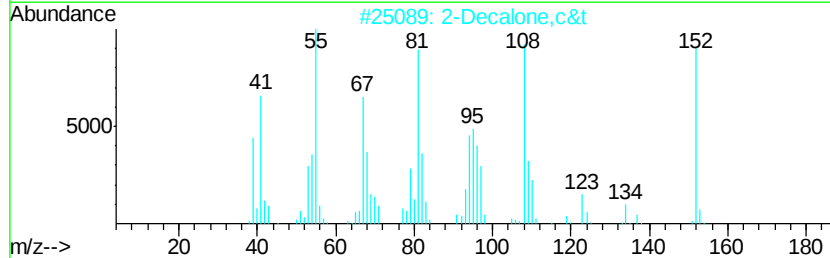
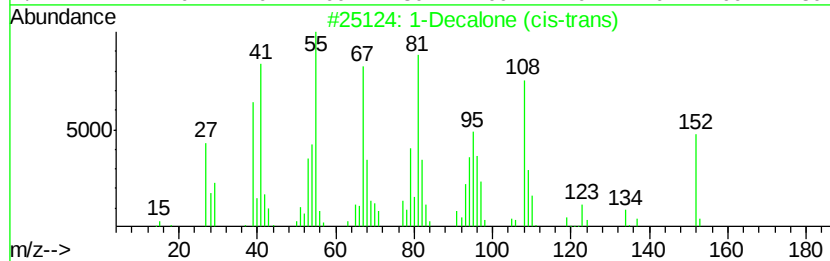
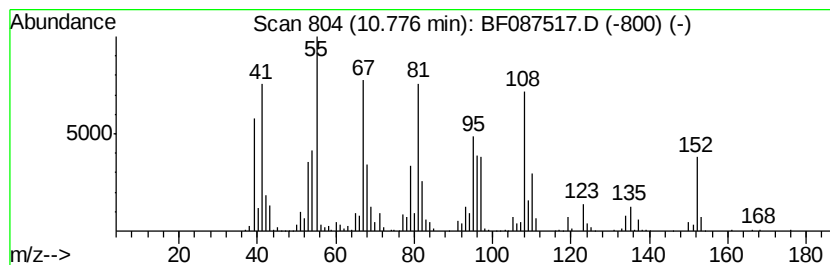
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1-Decalone (cis-trans) Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	41.85 ng	1941850	Naphthalene-d8	9.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decalone (cis-trans)	152	C10H16O	004832-16-0	93
2			2-Decalone,c&t	152	C10H16O	004832-17-1	91
3			2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	89
4			3,4-Heptadiene	96	C7H12	002454-31-1	49
5			Cyclohexane, methylene-	96	C7H12	001192-37-6	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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Acq On : 29 May 2016 12:50
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Sample : H3222-06
Misc :
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Instrument :
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ClientSampleId :
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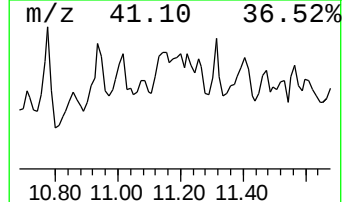
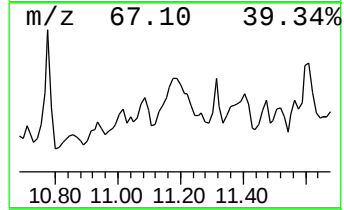
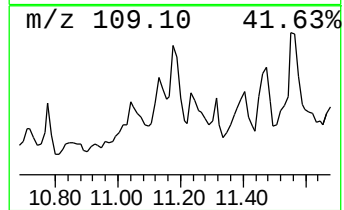
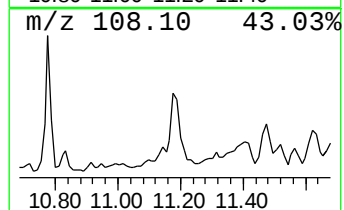
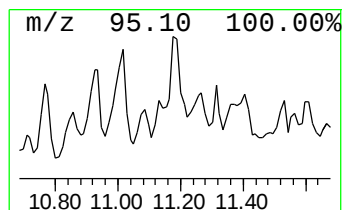
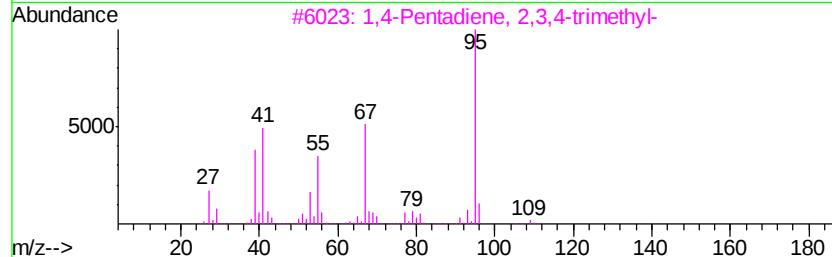
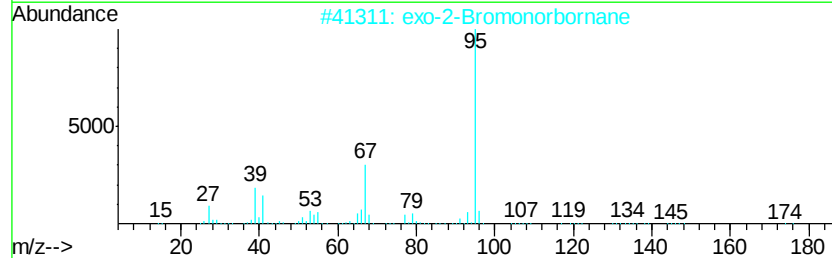
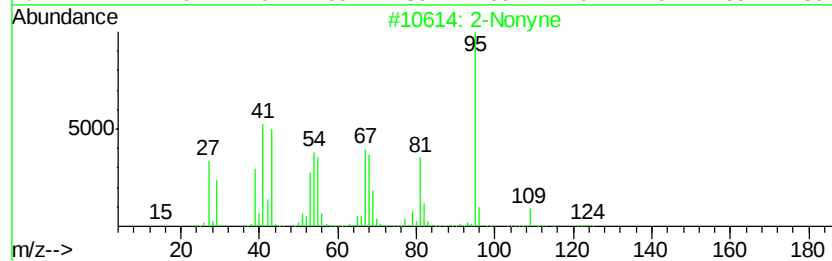
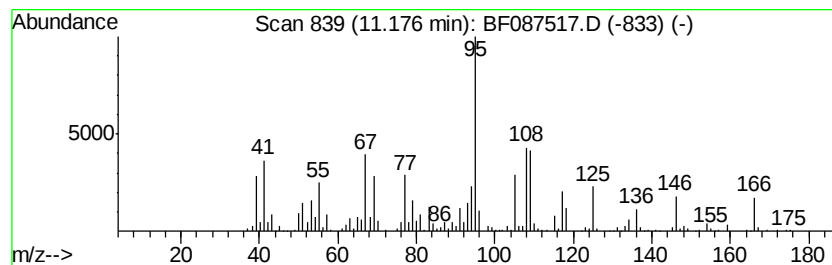
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown11.18 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	25.62 ng	3351950	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Nonyne	124	C9H16	019447-29-1	35
2		exo-2-Bromonorbornane	174	C7H11Br	002534-77-2	27
3		1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	27
4		6-Methyl-2-heptyne	110	C8H14	051065-64-6	27
5		Bicyclo[2.2.1]heptane, 2-(2-prop...	136	C10H16	002633-80-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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Sample : H3222-06
Misc :
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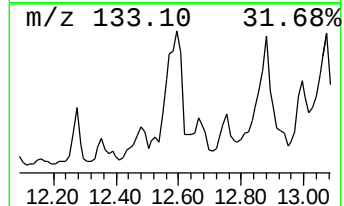
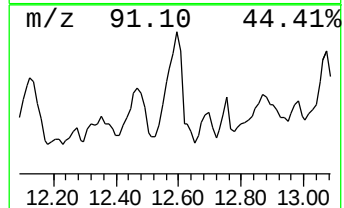
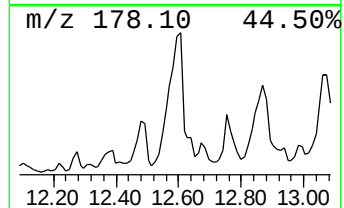
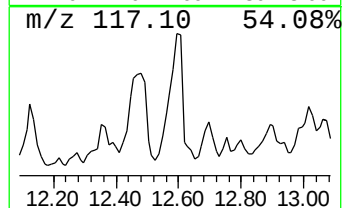
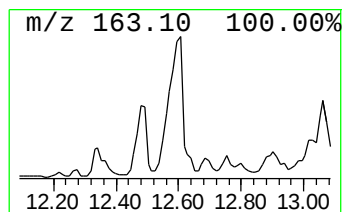
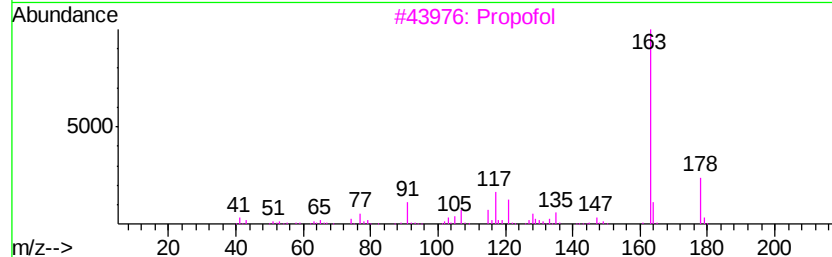
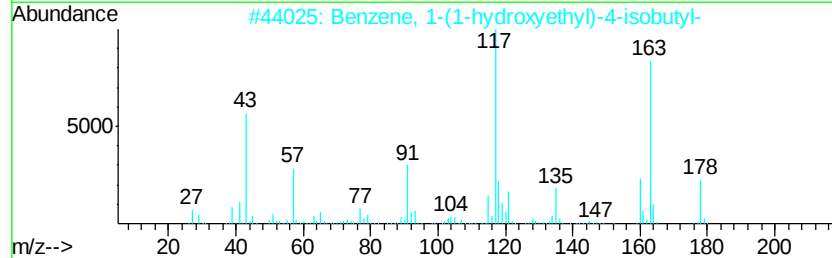
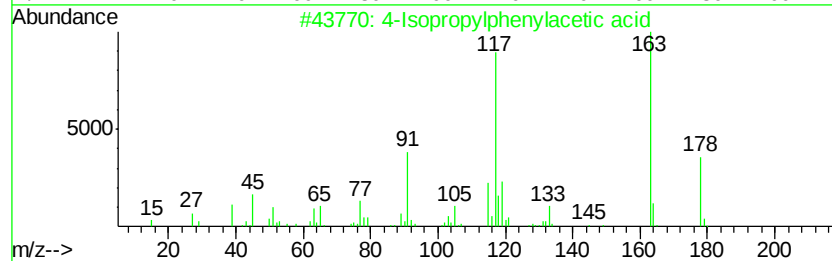
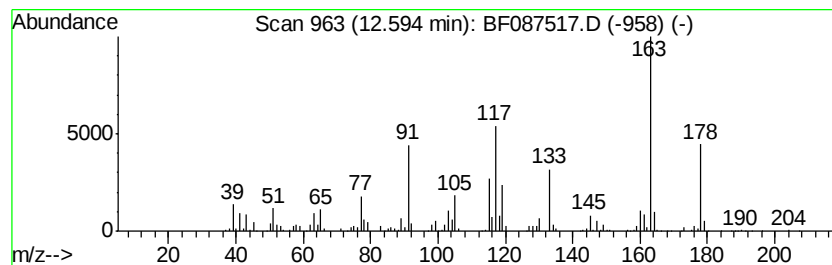
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 4-Isopropylphenylacetic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	30.72 ng	4019500	Acenaphthene-d10	12.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4-Isopropylphenylacetic acid	178 C11H14O2	004476-28-2	68
2	Benzene, 1-(1-hydroxyethyl)-4-is...	178 C12H18O	040150-92-3	58
3	Propofol	178 C12H18O	002078-54-8	52
4	Phenol, 3,5-bis(1-methylethyl)-	178 C12H18O	026886-05-5	49
5	5-Nitrobenzimidazole	163 C7H5N3O2	1000229-89-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087517.D
Acq On : 29 May 2016 12:50
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Sample : H3222-06
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ALS Vial : 41 Sample Multiplier: 1

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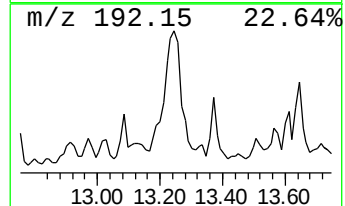
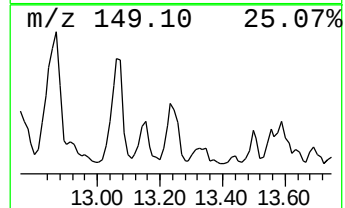
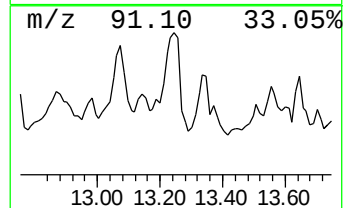
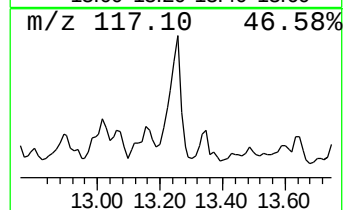
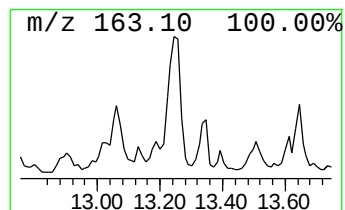
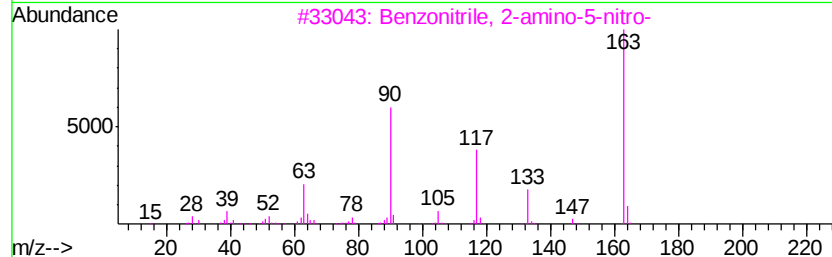
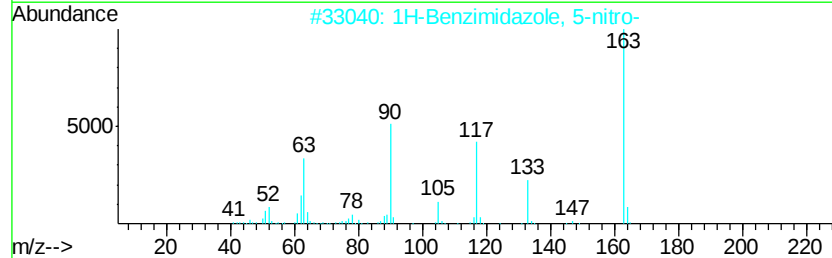
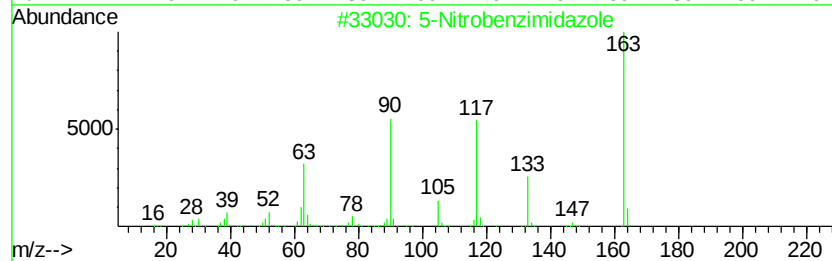
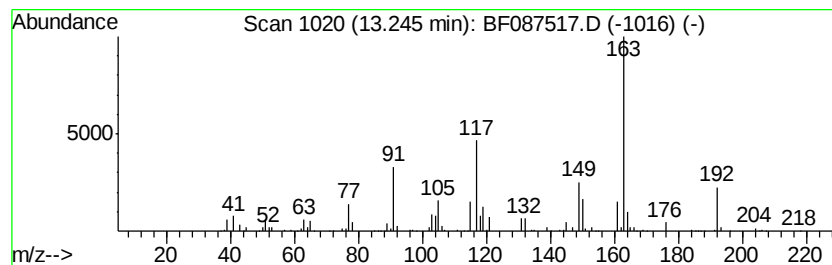
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown13.25 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	25.00 ng	3271340	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Nitrobenzimidazole	163	C7H5N3O2	1000229-89-5	49
2		1H-Benzimidazole, 5-nitro-	163	C7H5N3O2	000094-52-0	47
3		Benzonitrile, 2-amino-5-nitro-	163	C7H5N3O2	017420-30-3	38
4		Benzene, 2-isocyanato-1-methoxy-...	163	C9H9NO2	1000319-47-4	35
5		1,3-Benzenedicarboxylic acid, di...	194	C10H10O4	001459-93-4	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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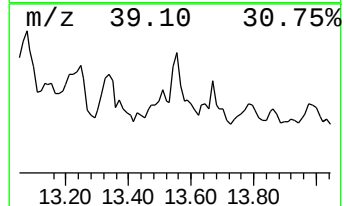
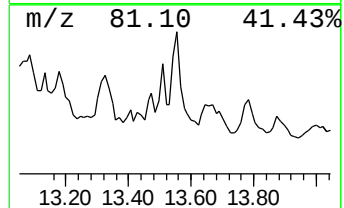
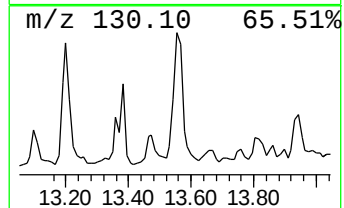
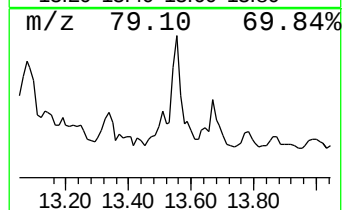
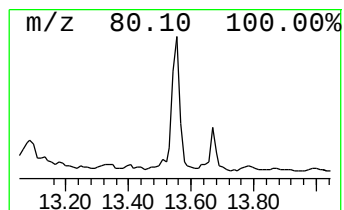
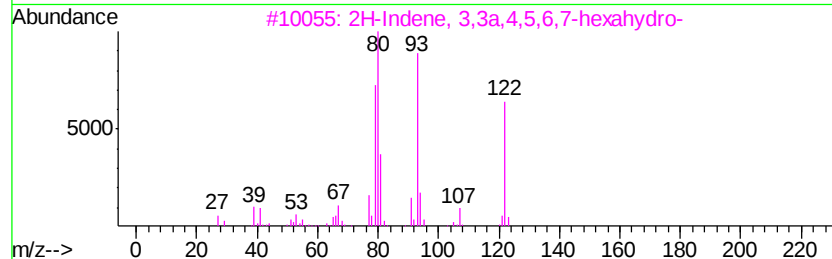
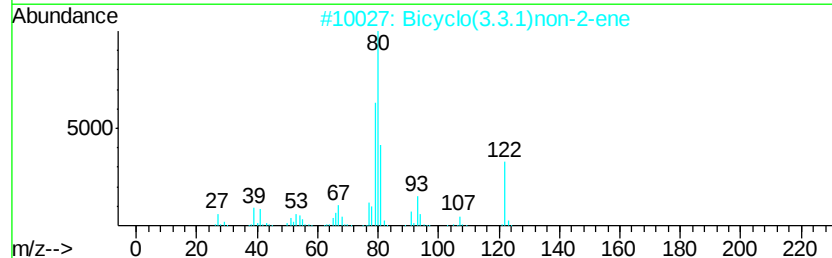
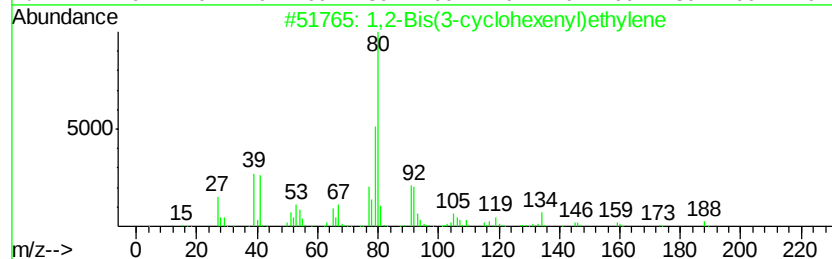
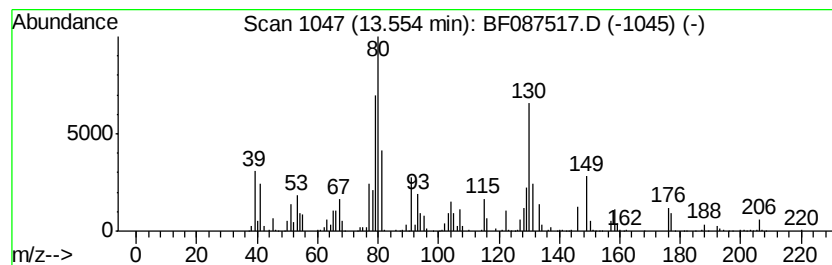
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1,2-Bis(3-cyclohexenyl)ethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	41.41 ng	1712170	Phenanthrene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Bis(3-cyclohexenyl)ethylene	188	C14H20	017527-28-5	76
2		Bicyclo(3.3.1)non-2-ene	122	C9H14	006671-66-5	58
3		2H-Indene, 3,3a,4,5,6,7-hexahydro-	122	C9H14	016189-41-6	58
4		Bicyclo[2.2.2]oct-5-en-2-one	122	C8H10O	002220-40-8	53
5		2-Hexen-4-yne, (Z)-	80	C6H8	030626-48-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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Operator : UM/SJ
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Misc :
ALS Vial : 41 Sample Multiplier: 1

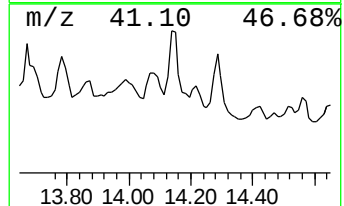
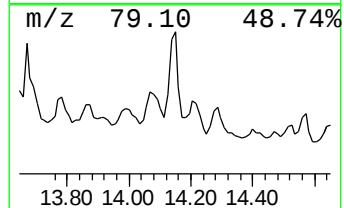
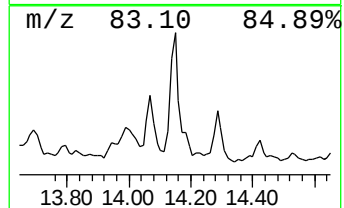
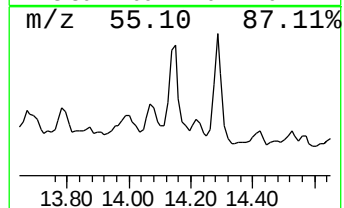
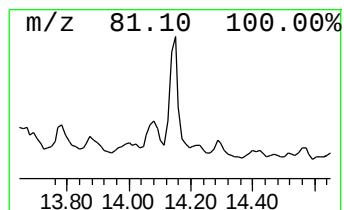
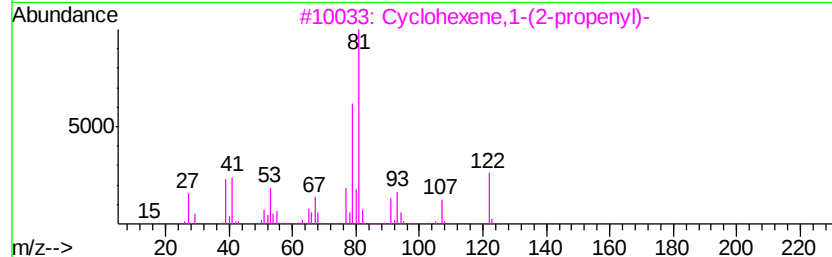
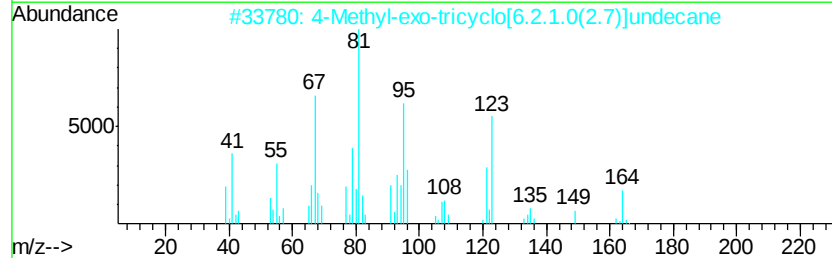
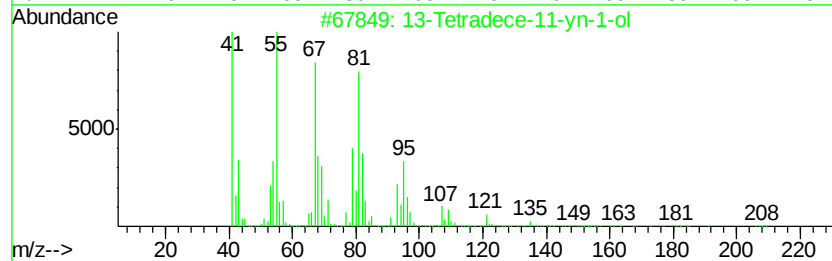
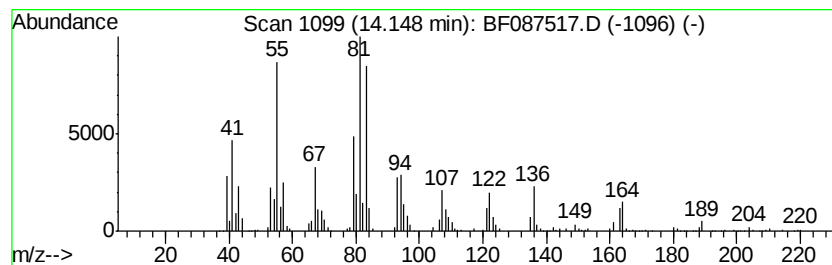
Instrument :
BNA_F
ClientSampleId :
MW-36

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown14.15 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.15	22.55 ng	932482	Phenanthrene-d10	14.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradec-11-yn-1-ol	208	C14H24O	1000131-00-4	43
2	4-Methyl-exo-tricyclo[6.2.1.0(2....	164	C12H20	1000215-29-8	43
3	Cyclohexene,1-(2-propenyl)-	122	C9H14	013511-13-2	43
4	Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	43
5	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087517.D
Acq On : 29 May 2016 12:50
Operator : UM/SJ
Sample : H3222-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-36

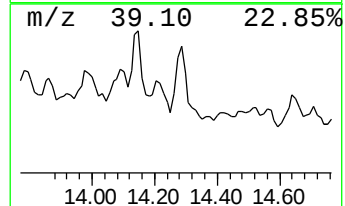
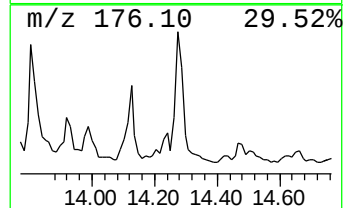
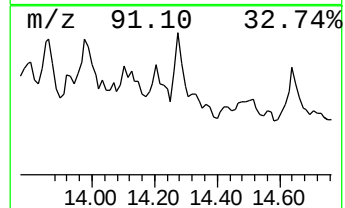
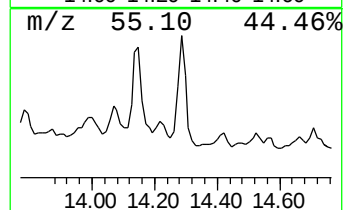
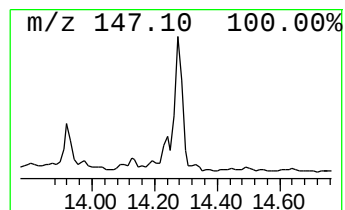
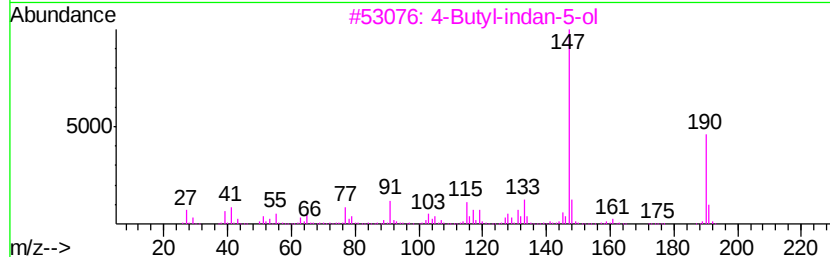
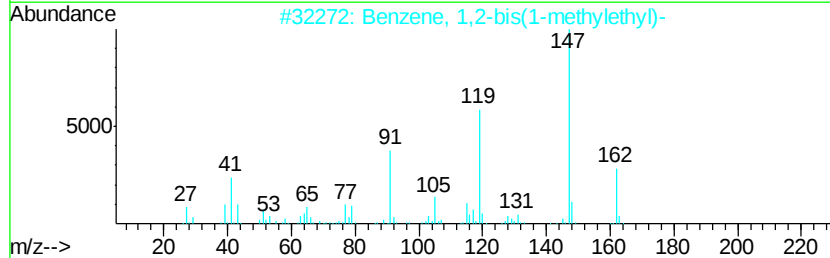
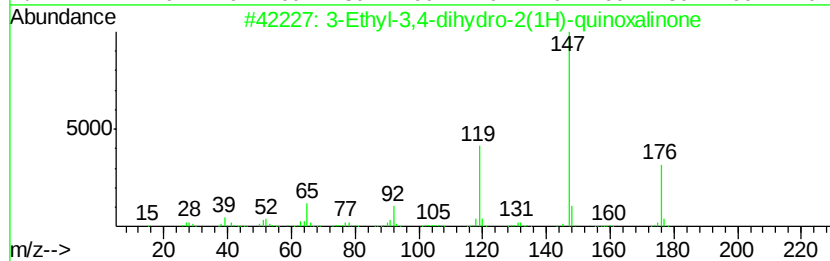
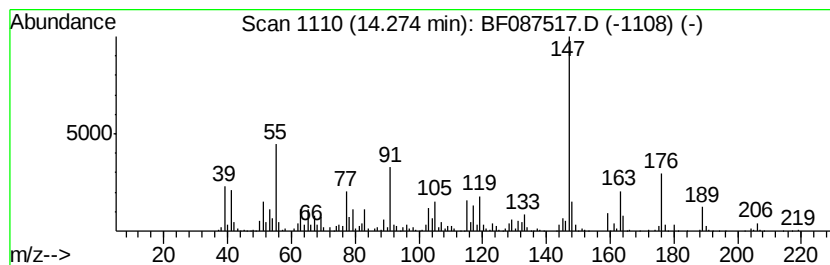
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown14.27 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	26.78 ng	1107100	Phenanthrene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Ethyl-3,4-dihydro-2(1H)-quinox...	176	C10H12N2O	1000332-11-4	49
2		Benzene, 1,2-bis(1-methylethyl)-	162	C12H18	000577-55-9	47
3		4-Butyl-indan-5-ol	190	C13H18O	1000194-67-3	47
4		Ethanone, 1-(2,4,6-trimethylphen...	162	C11H14O	001667-01-2	47
5		1H-Inden-1-one, 5-amino-2,3-dihy...	147	C9H9NO	003470-54-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087517.D
Acq On : 29 May 2016 12:50
Operator : UM/SJ
Sample : H3222-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-36

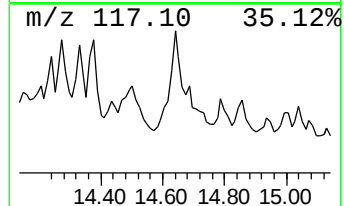
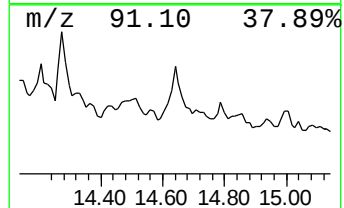
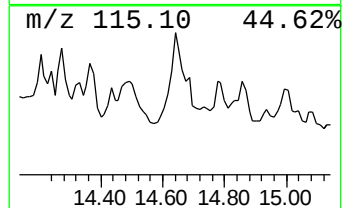
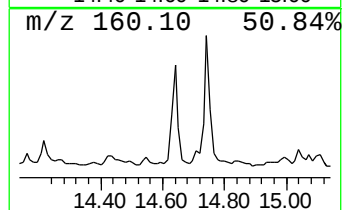
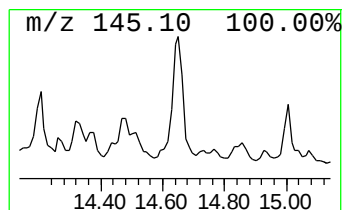
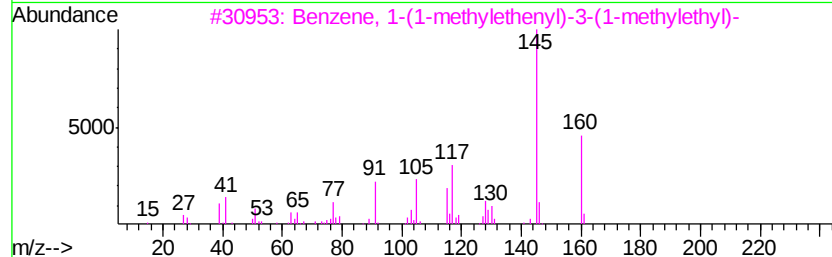
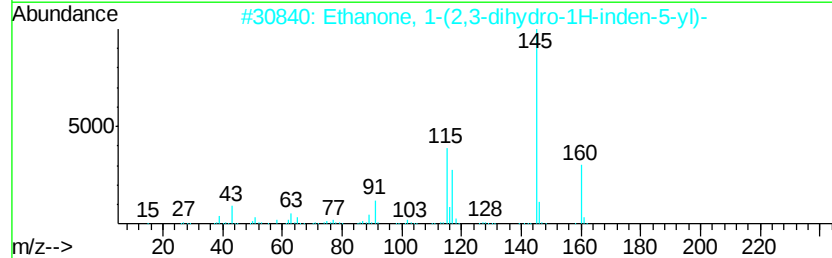
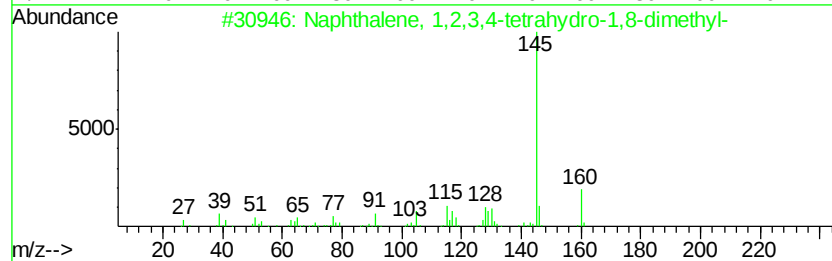
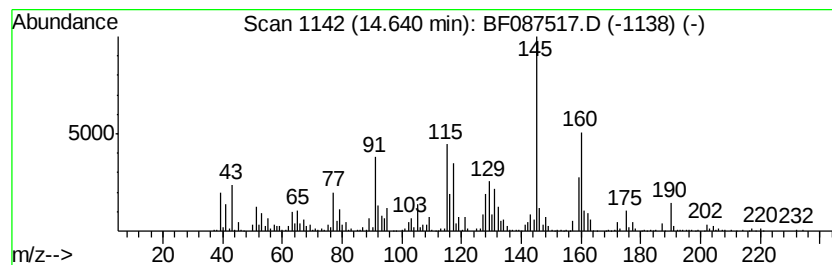
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	35.90 ng	1484220	Phenanthrene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	68
2		Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	60
3		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60
4		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087517.D
 Acq On : 29 May 2016 12:50
 Operator : UM/SJ
 Sample : H3222-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.13	7.13	51.0	ng	2866790	1	7.47	1123170	20.0
Benzene, 2-etheny...	9.10	24.4	ng	1132500	2	9.50	927931	20.0
unknown9.23	9.23	31.1	ng	1445100	2	9.50	927931	20.0
unknown9.70	9.70	35.9	ng	1666080	2	9.50	927931	20.0
unknown9.84	9.84	27.4	ng	1271160	2	9.50	927931	20.0
Cyclooctane, butyl-	10.25	52.6	ng	2440720	2	9.50	927931	20.0
unknown10.28	10.28	23.9	ng	1106340	2	9.50	927931	20.0
1-Adamantanol	10.36	54.4	ng	2525420	2	9.50	927931	20.0
unknown10.46	10.46	29.1	ng	1352040	2	9.50	927931	20.0
trans-2-Caren-4-ol	10.50	38.0	ng	1763920	2	9.50	927931	20.0
unknown10.66	10.66	20.5	ng	952408	2	9.50	927931	20.0
1-Decalone (cis-t...	10.78	41.9	ng	1941850	2	9.50	927931	20.0
unknown11.18	11.18	25.6	ng	3351950	3	12.33	2616890	20.0
4-Isopropylphenyl...	12.59	30.7	ng	4019500	3	12.33	2616890	20.0
unknown13.25	13.25	25.0	ng	3271340	3	12.33	2616890	20.0
1,2-Bis(3-cyclohe...	13.55	41.4	ng	1712170	4	14.74	826902	20.0
unknown14.15	14.15	22.6	ng	932482	4	14.74	826902	20.0
unknown14.27	14.27	26.8	ng	1107100	4	14.74	826902	20.0
Naphthalene, 1,2,...	14.64	35.9	ng	1484220	4	14.74	826902	20.0