

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087014.D
 Acq On : 14 May 2016 12:20
 Operator : UM/SJ
 Sample : H2947-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

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-BF050916.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	1.736	12	13	62	rVB	4153255	8501478	100.00%	15.153%
2	4.753	275	277	285	rBV	44591	96908	1.14%	0.173%
3	5.199	314	316	325	rBV	1633907	1885547	22.18%	3.361%
4	5.839	370	372	375	rVV	69033	94593	1.11%	0.169%
5	6.113	393	396	402	rBV3	61003	122029	1.44%	0.218%
6	6.273	408	410	415	rBV	735895	1176775	13.84%	2.098%
7	6.387	417	420	422	rVV	3182148	3533027	41.56%	6.297%
8	6.547	432	434	438	rBV4	56385	175776	2.07%	0.313%
9	6.605	438	439	443	rVB	712885	946030	11.13%	1.686%
10	6.765	451	453	456	rBV	3222775	3166022	37.24%	5.643%
11	6.867	460	462	467	rVB3	151338	229018	2.69%	0.408%
12	6.959	467	470	472	rBV2	179236	244240	2.87%	0.435%
13	7.005	472	474	475	rVB	95231	120336	1.42%	0.214%
14	7.027	475	476	480	rBV3	60391	117831	1.39%	0.210%
15	7.153	483	487	488	rBV2	223877	345791	4.07%	0.616%
16	7.188	488	490	492	rVV	2909017	2969430	34.93%	5.293%
17	7.268	494	497	499	rVB3	169837	289757	3.41%	0.516%
18	7.302	499	500	502	rBV2	107693	141685	1.67%	0.253%
19	7.393	504	508	509	rBV3	351074	456211	5.37%	0.813%
20	7.416	509	510	512	rVB2	191710	175191	2.06%	0.312%
21	7.473	512	515	517	rVB3	58775	112294	1.32%	0.200%
22	7.530	517	520	521	rBV2	219850	386837	4.55%	0.690%
23	7.553	521	522	525	rVB2	144914	176780	2.08%	0.315%
24	7.645	528	530	531	rBV	52465	86639	1.02%	0.154%
25	7.725	535	537	539	rBV2	132914	210333	2.47%	0.375%
26	7.793	539	543	545	rBV3	90389	239840	2.82%	0.427%
27	7.839	545	547	549	rBV2	133931	241738	2.84%	0.431%
28	7.896	550	552	558	rVB	1159306	1473410	17.33%	2.626%
29	8.022	562	563	565	rVB2	91169	121800	1.43%	0.217%
30	8.102	565	570	572	rBV6	203059	539885	6.35%	0.962%
31	8.148	572	574	575	rVB	129776	164123	1.93%	0.293%
32	8.193	575	578	580	rVB4	146401	240629	2.83%	0.429%
33	8.285	580	586	588	rBV7	144747	475031	5.59%	0.847%
34	8.330	588	590	597	rBV	378064	885120	10.41%	1.578%

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35	8.433	597	599	601	rBV2	164841	210627	2.48%	0.375%
36	8.513	603	606	608	rBV3	114294	292623	3.44%	0.522%
37	8.559	608	610	611	rBV2	76493	115344	1.36%	0.206%
38	8.593	611	613	616	rVB4	204746	272154	3.20%	0.485%
39	8.708	616	623	626	rBV6	350590	1010980	11.89%	1.802%
40	8.788	628	630	631	rBV2	95588	152258	1.79%	0.271%
41	8.936	639	643	644	rBV	450165	617460	7.26%	1.101%
42	8.982	644	647	649	rVV	4463802	4510734	53.06%	8.040%
43	9.062	651	654	656	rBV4	102893	249644	2.94%	0.445%
44	9.108	656	658	662	rBV4	141331	354885	4.17%	0.633%
45	9.313	674	676	678	rBV3	150142	269091	3.17%	0.480%
46	9.348	678	679	680	rVV	146404	104912	1.23%	0.187%
47	9.382	680	682	686	rVV	444372	498312	5.86%	0.888%
48	9.508	692	693	696	rVB3	144328	163791	1.93%	0.292%
49	9.599	699	701	702	rBV	85164	115277	1.36%	0.205%
50	9.645	703	705	707	rVB	1228212	1200827	14.12%	2.140%
51	9.988	731	735	736	rBV2	273282	481508	5.66%	0.858%
52	10.079	741	743	745	rVB3	186239	298477	3.51%	0.532%
53	10.194	751	753	754	rBV2	62090	91170	1.07%	0.163%
54	10.308	761	763	765	rVV	108514	93784	1.10%	0.167%
55	10.399	769	771	772	rBV	246795	291715	3.43%	0.520%
56	10.434	772	774	776	rVV2	2055593	2652890	31.21%	4.729%
57	10.468	776	777	781	rVB2	138402	195510	2.30%	0.348%
58	10.571	783	786	789	rVB3	161228	354477	4.17%	0.632%
59	10.628	789	791	793	rBV	252983	261850	3.08%	0.467%
60	10.662	793	794	796	rVV2	212278	260898	3.07%	0.465%
61	10.696	796	797	800	rVV2	191129	258266	3.04%	0.460%
62	10.765	800	803	805	rVV2	122838	263633	3.10%	0.470%
63	10.799	805	806	808	rVV2	148184	211152	2.48%	0.376%
64	10.845	808	810	812	rVV	247805	280359	3.30%	0.500%
65	10.879	812	813	815	rVB	95540	114313	1.34%	0.204%
66	10.994	822	823	825	rVB2	90917	124674	1.47%	0.222%
67	11.119	832	834	837	rBV2	943324	1174640	13.82%	2.094%
68	11.256	844	846	848	rVB	92828	116406	1.37%	0.207%
69	11.325	850	852	853	rVV	230222	213619	2.51%	0.381%
70	11.359	853	855	858	rVV2	244513	513176	6.04%	0.915%
71	11.405	858	859	860	rVV	286273	220549	2.59%	0.393%

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72	11.451	860	863	864	rVV2	228976	277435	3.26%	0.495%
73	11.474	864	865	869	rVV2	186545	361273	4.25%	0.644%
74	11.542	869	871	872	rVV	331884	315035	3.71%	0.562%
75	11.577	872	874	876	rVV	161789	187919	2.21%	0.335%
76	11.679	880	883	888	rVB2	220849	307440	3.62%	0.548%
77	12.457	949	951	957	rBV	83923	119425	1.40%	0.213%
78	12.708	970	973	976	rBV	3516088	3923991	46.16%	6.994%
79	13.611	1050	1052	1057	rBV	88148	110005	1.29%	0.196%
80	13.748	1062	1064	1067	rBV	1010248	960585	11.30%	1.712%
81	15.108	1181	1183	1186	rBV	689291	786351	9.25%	1.402%

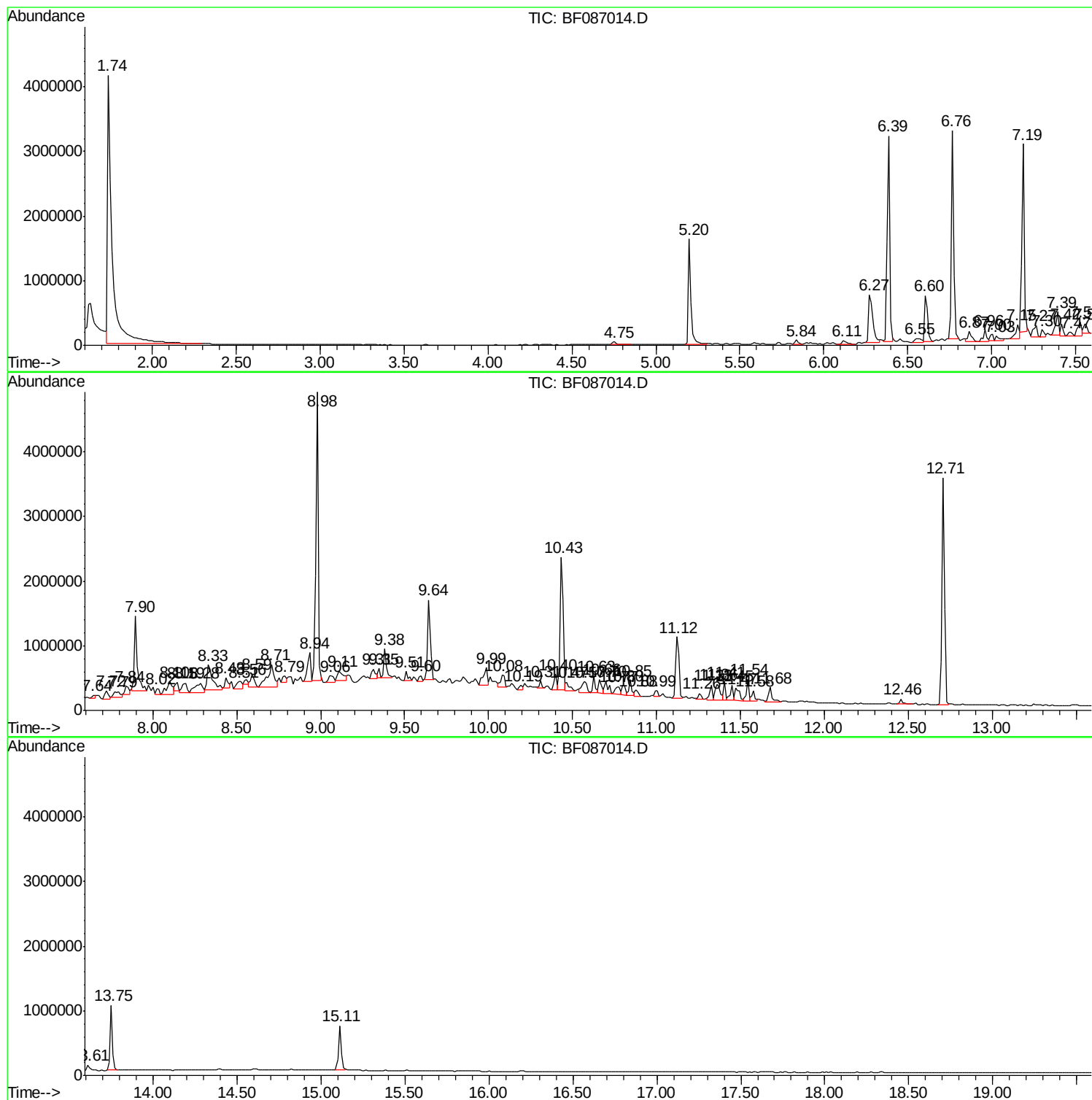
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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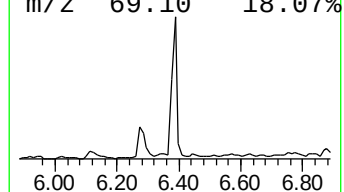
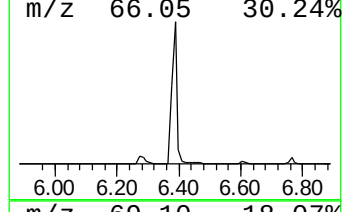
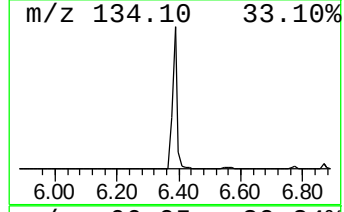
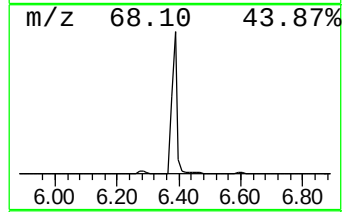
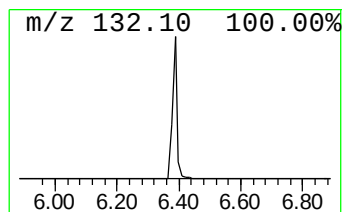
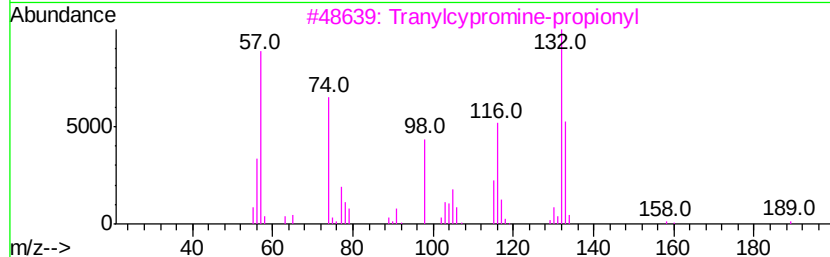
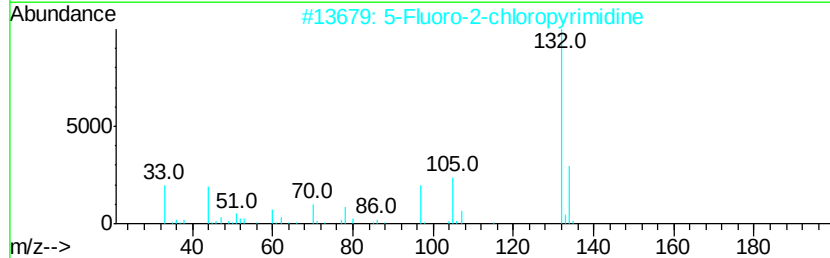
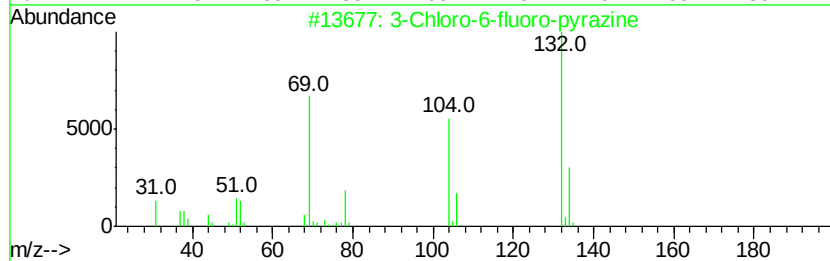
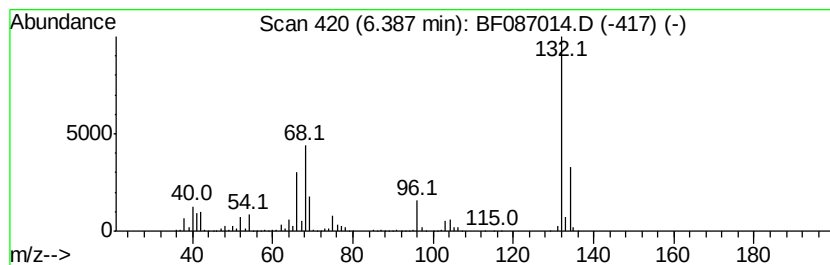
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	74.69 ng	3533030	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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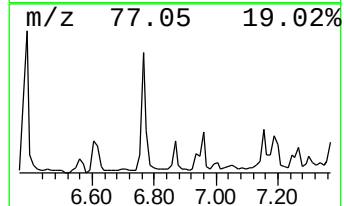
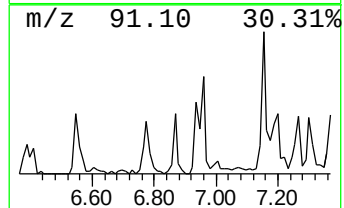
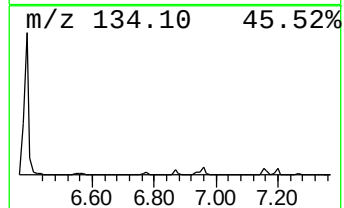
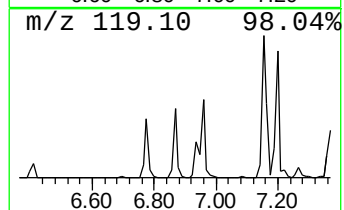
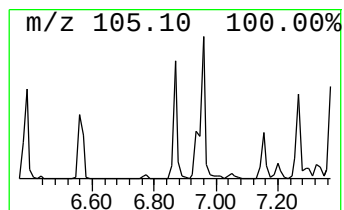
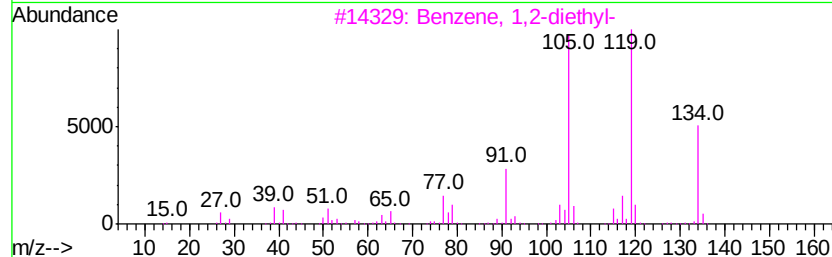
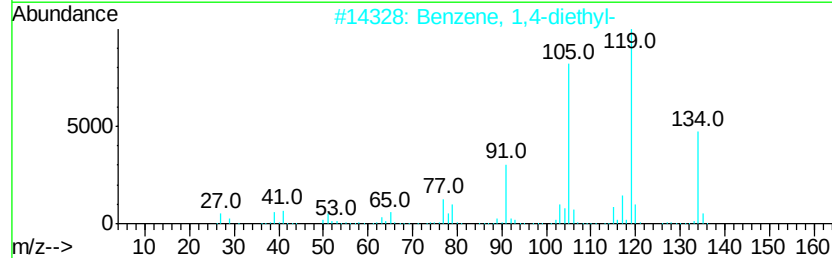
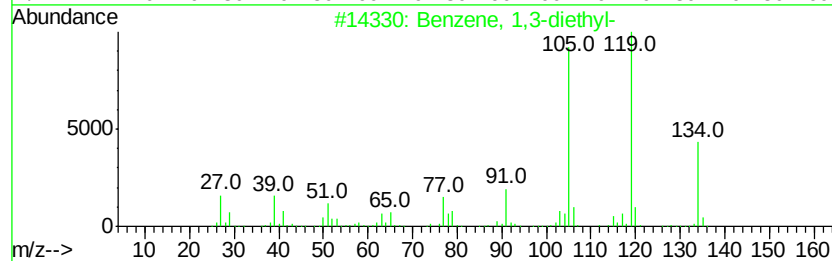
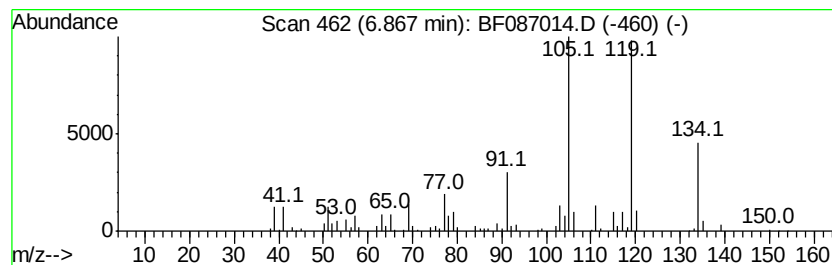
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	4.84 ng	229018	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83



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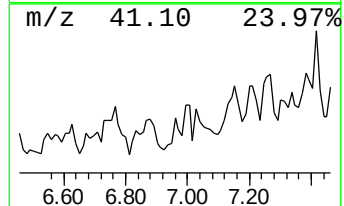
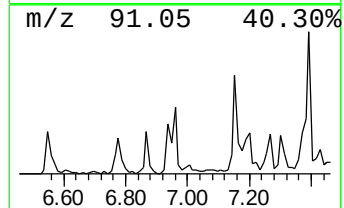
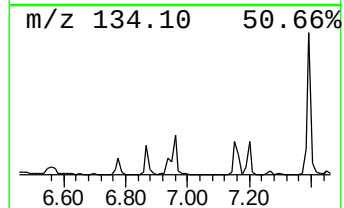
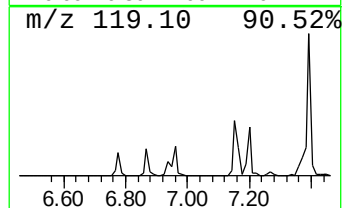
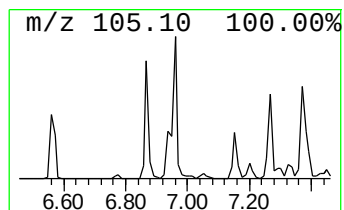
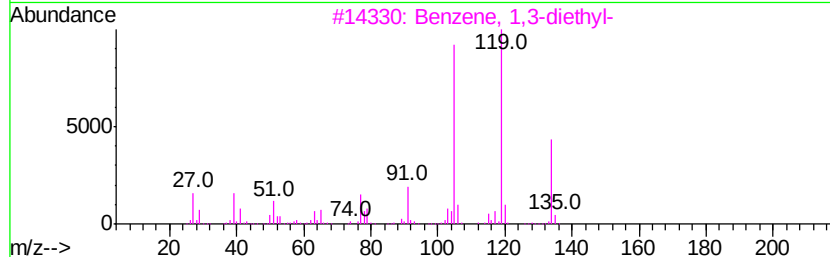
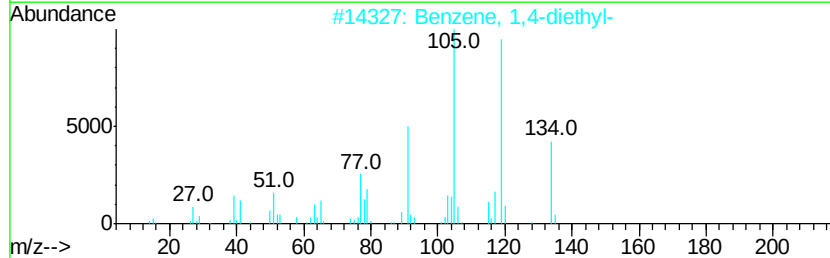
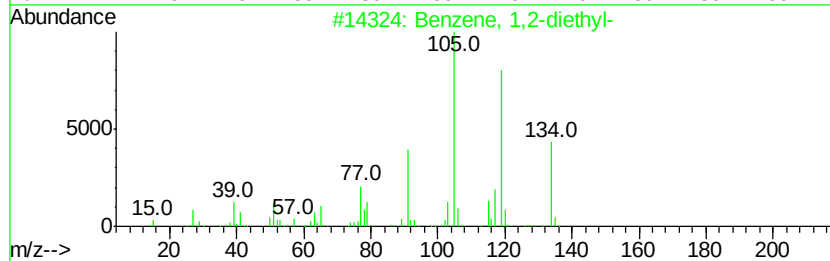
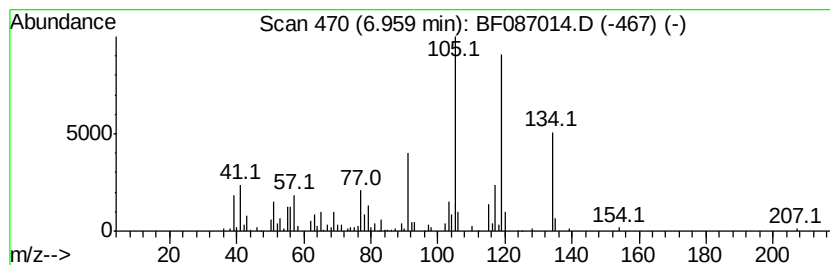
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	5.16 ng	244240	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Cyclobutene, bis(1-methylethylid...	134	C10H14	003642-14-6	87



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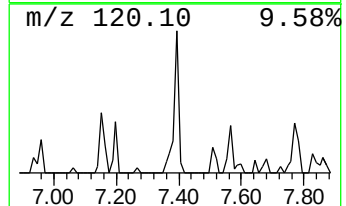
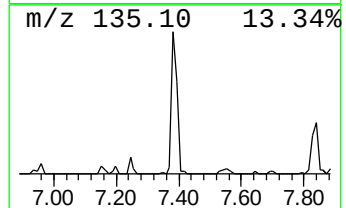
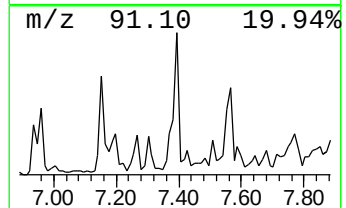
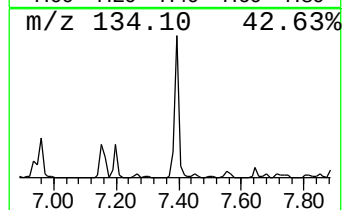
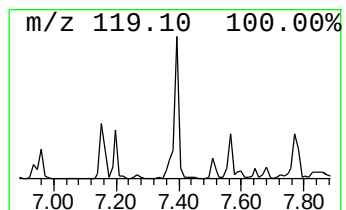
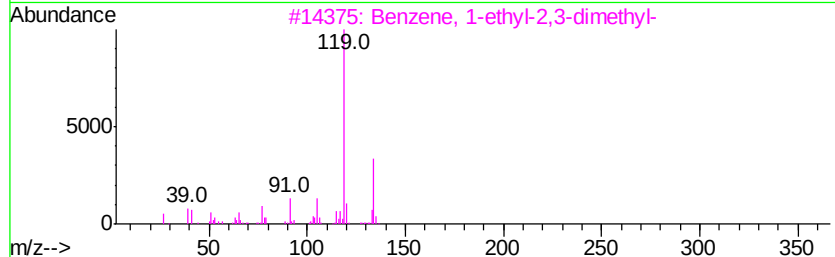
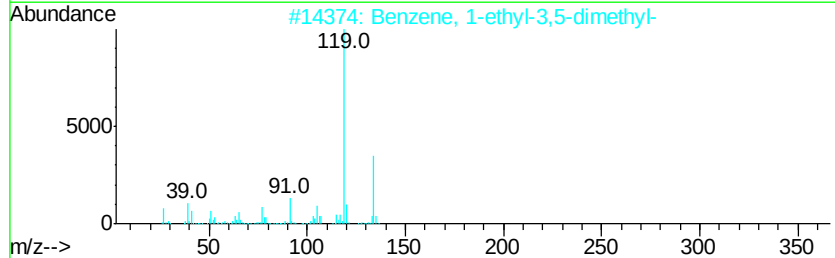
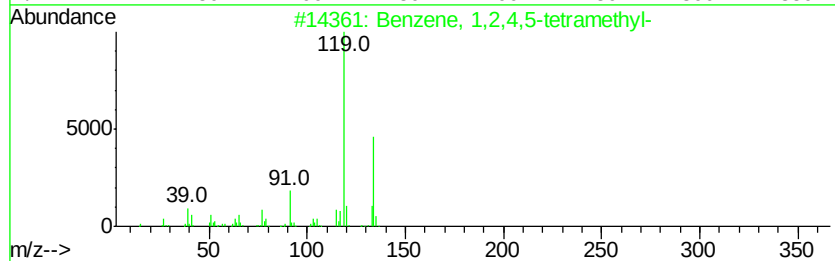
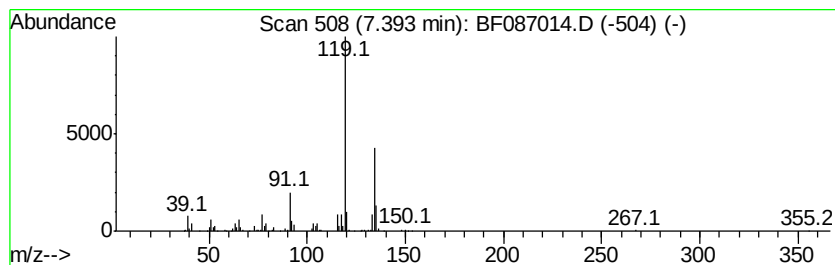
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	6.19 ng	456211	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087014.D
Acq On : 14 May 2016 12:20
Operator : UM/SJ
Sample : H2947-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

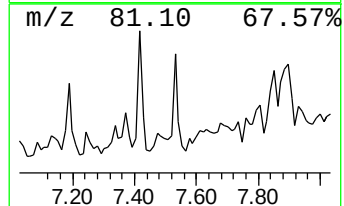
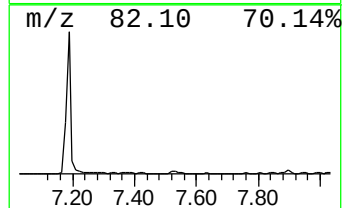
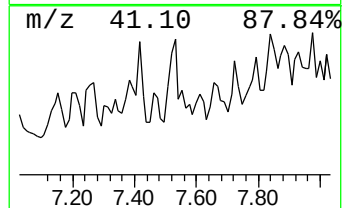
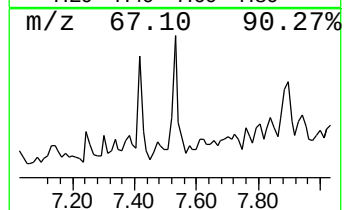
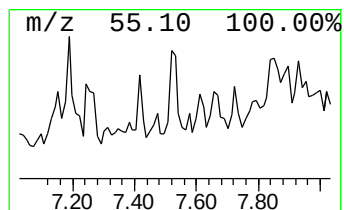
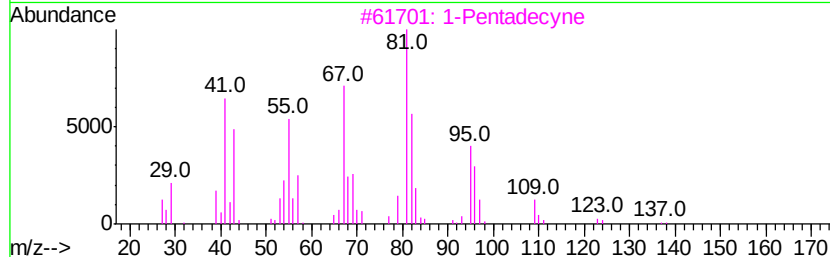
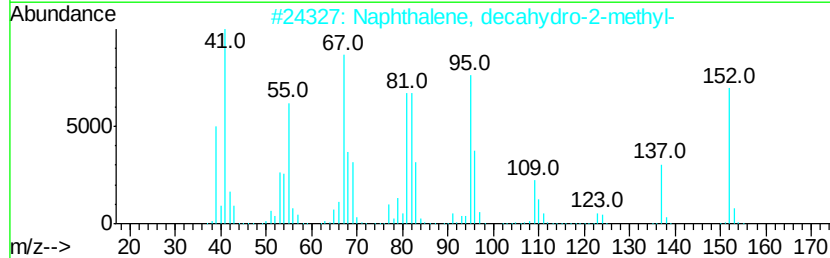
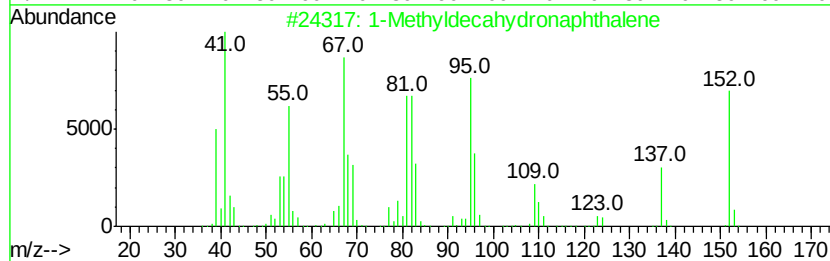
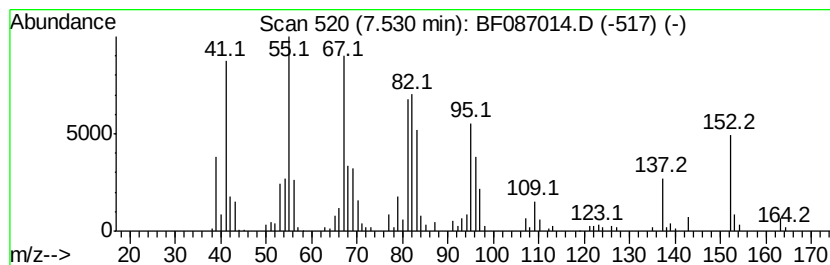
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Methyldecahydronaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	5.25 ng	386837	Naphthalene-d8	7.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 91
2		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 68
3		1-Pentadecyne	208 C15H28	000765-13-9 68
4		1-Hexadecyne	222 C16H30	000629-74-3 64
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	004795-86-2 58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
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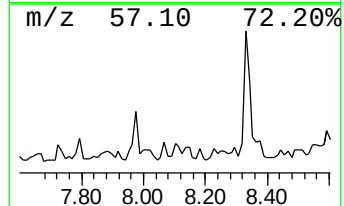
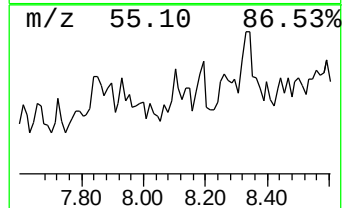
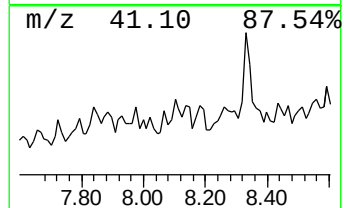
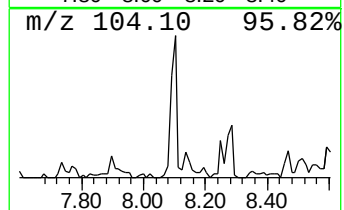
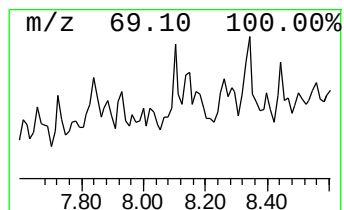
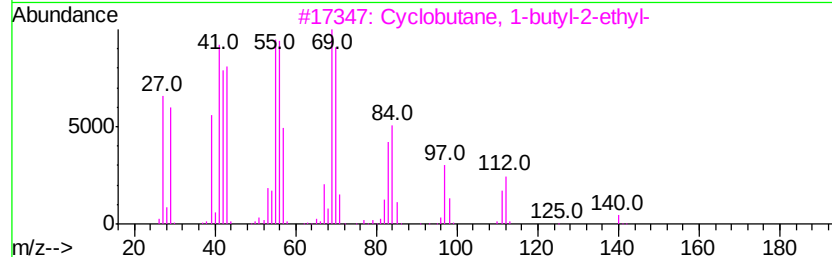
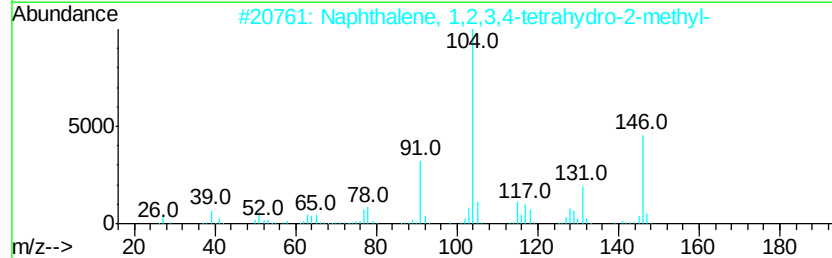
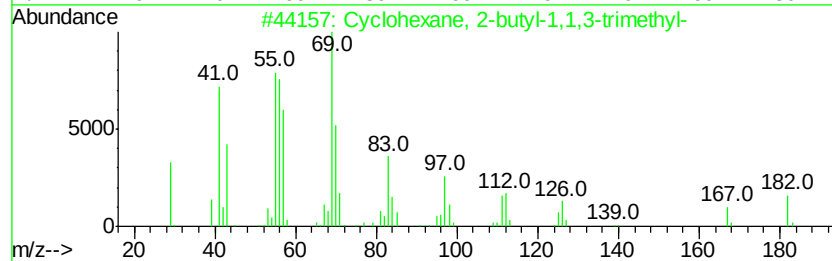
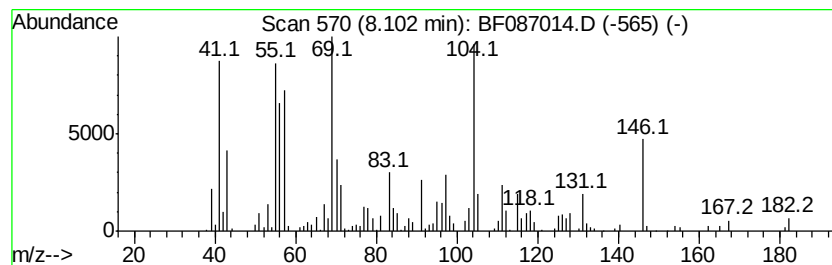
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	7.33 ng	539885	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	83
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	41
3		Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1000150-67-3	38
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30
5		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
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Acq On : 14 May 2016 12:20
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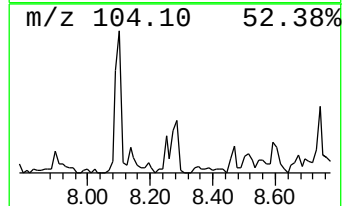
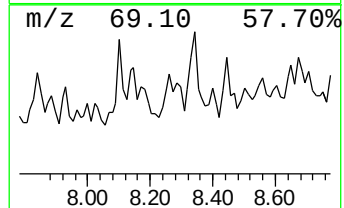
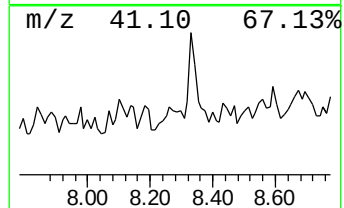
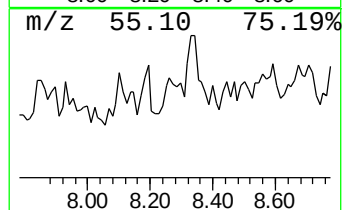
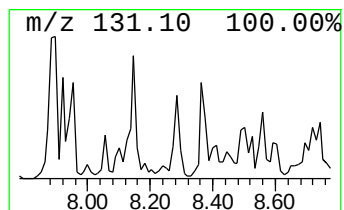
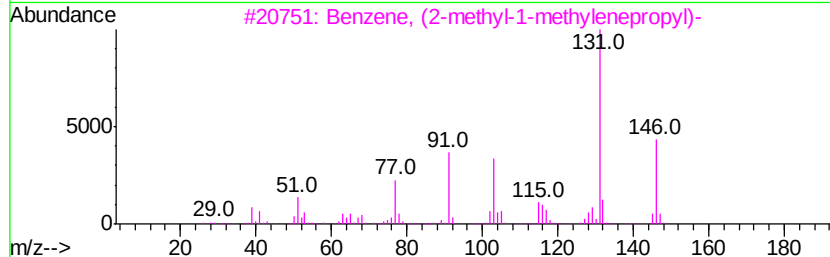
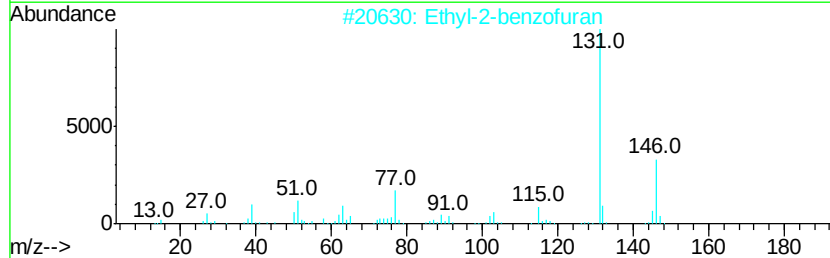
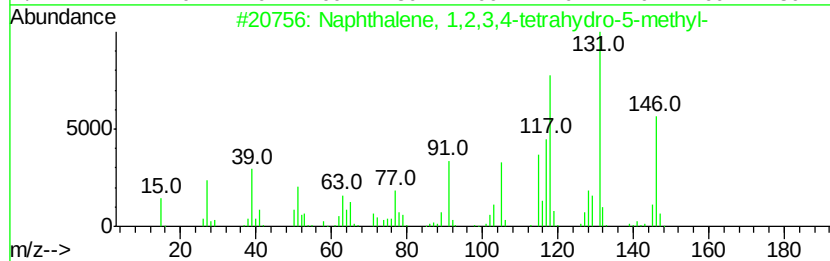
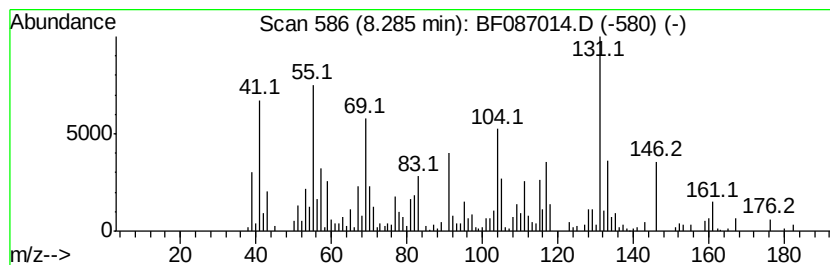
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	6.45 ng	475031	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	55
2		Ethyl-2-benzofuran	146	C10H10O	003131-63-3	46
3		Benzene, (2-methyl-1-methylenepropyl)-	146	C11H14	017498-71-4	45
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	43
5		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
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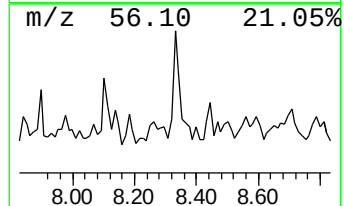
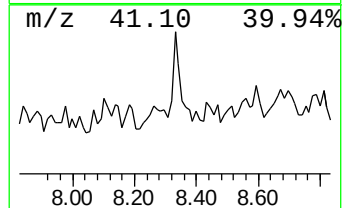
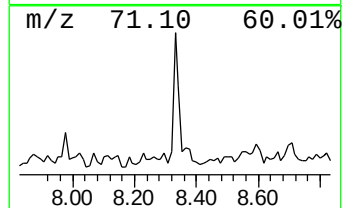
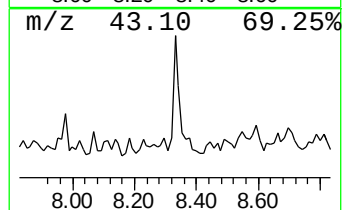
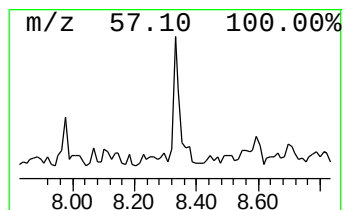
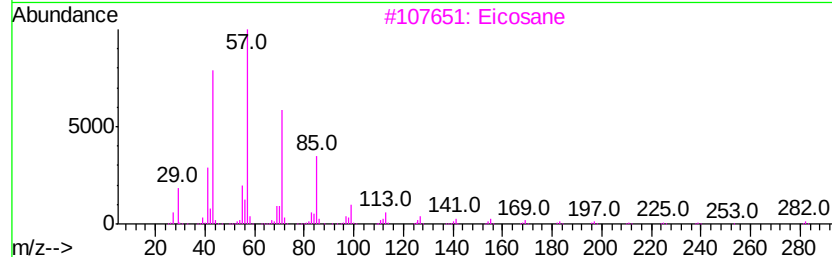
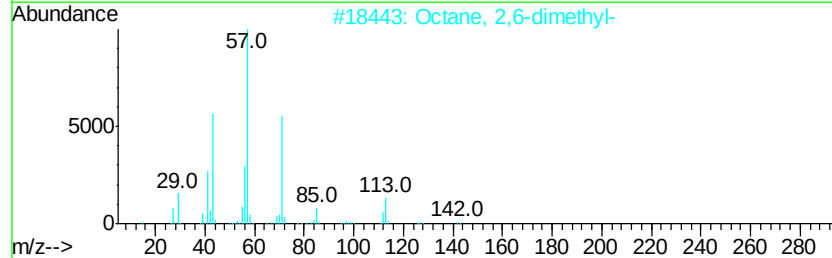
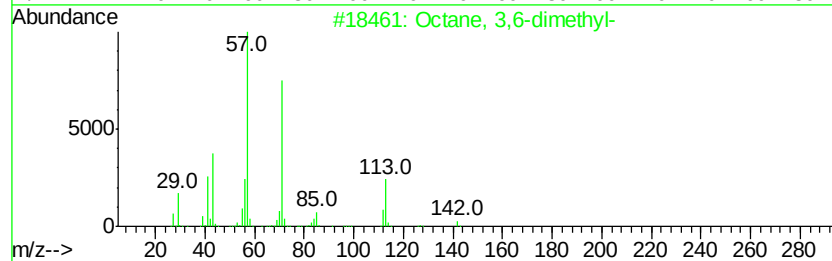
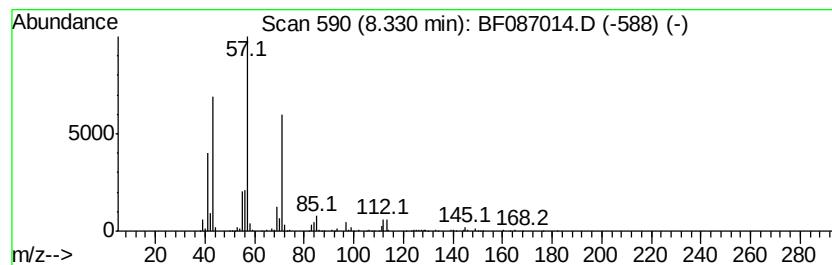
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	12.01 ng	885120	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3		Eicosane	282	C20H42	000112-95-8	59
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
5		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
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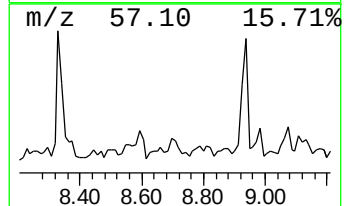
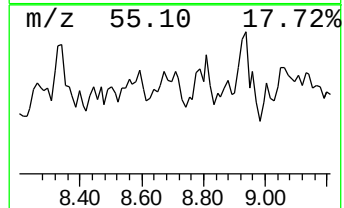
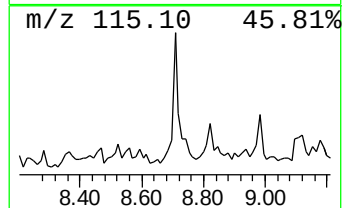
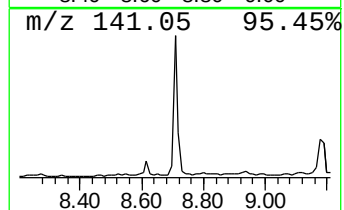
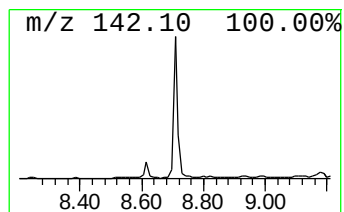
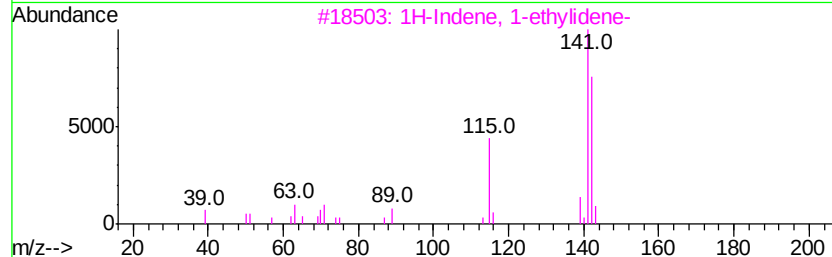
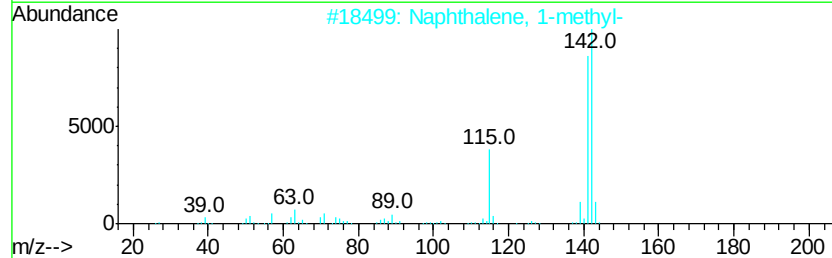
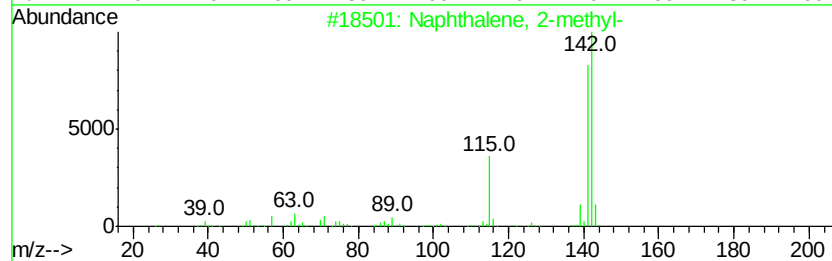
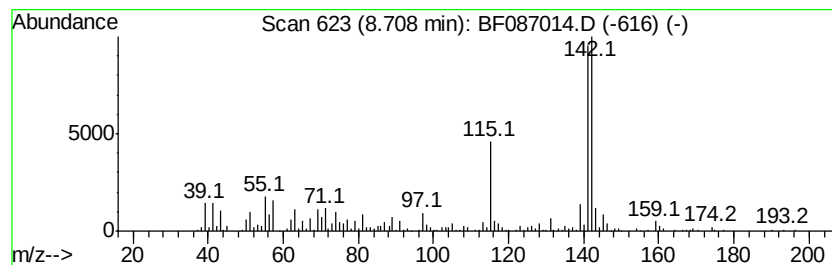
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	13.72 ng	1010980	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	93
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
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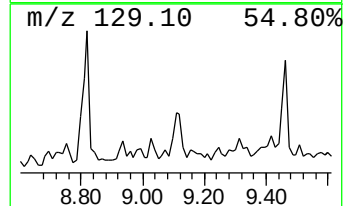
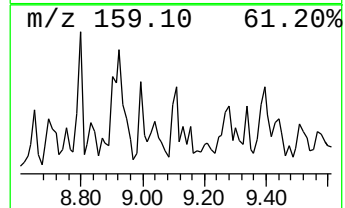
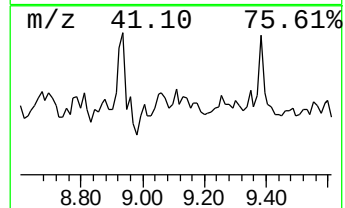
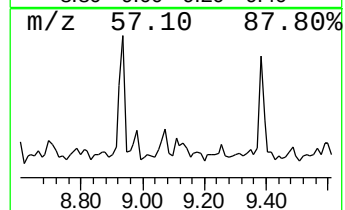
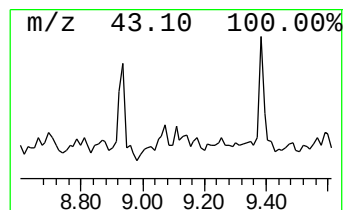
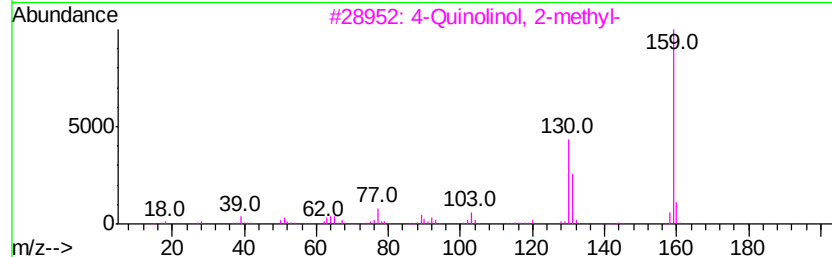
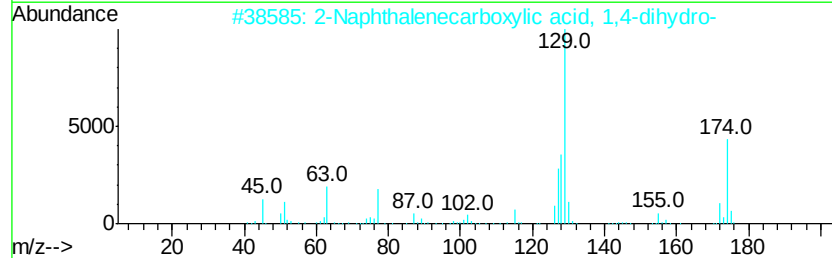
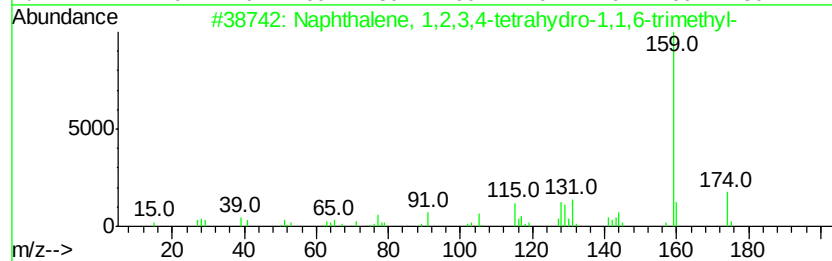
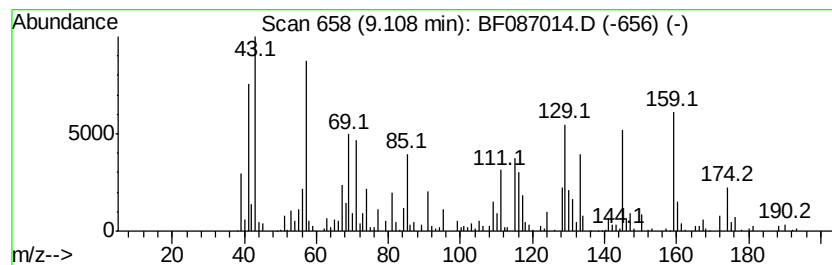
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.11 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	5.91 ng	354885	Acenaphthene-d10	9.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	174 C13H18	000475-03-6 47
2		2-Naphthalenecarboxylic acid, 1,...	174 C11H10O2	003299-82-9 15
3		4-Quinolinol, 2-methyl-	159 C10H9NO	000607-67-0 11
4		1-Methyl-2-formylindole	159 C10H9NO	027421-51-8 11
5		2H-Isoindole, 5,6-dimethyl-	145 C10H11N	070187-63-2 11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
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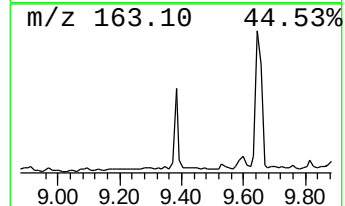
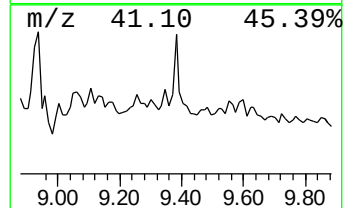
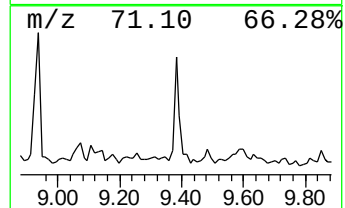
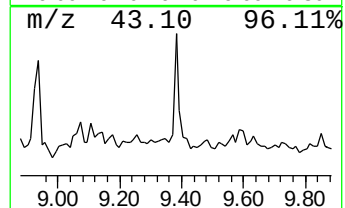
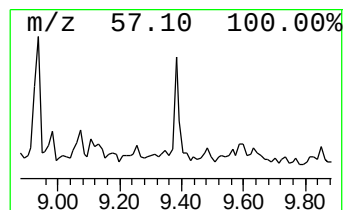
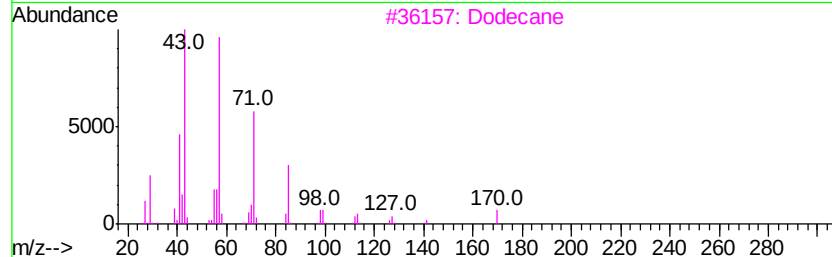
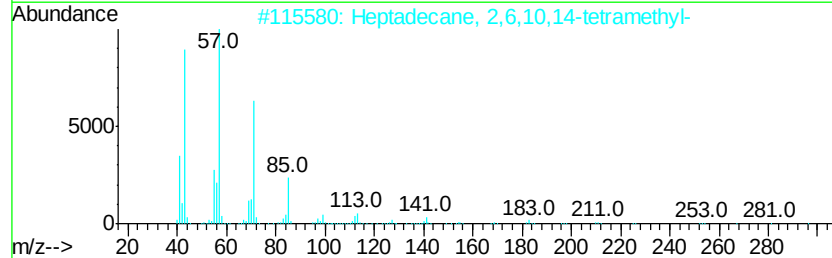
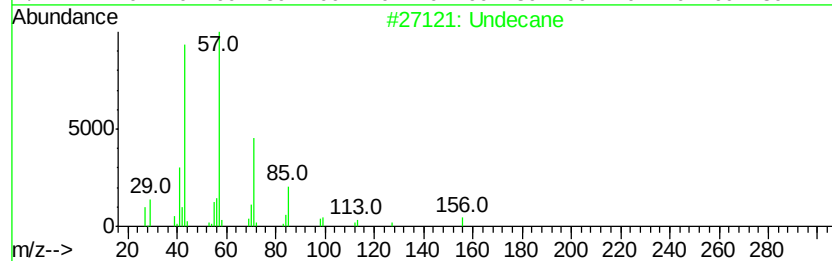
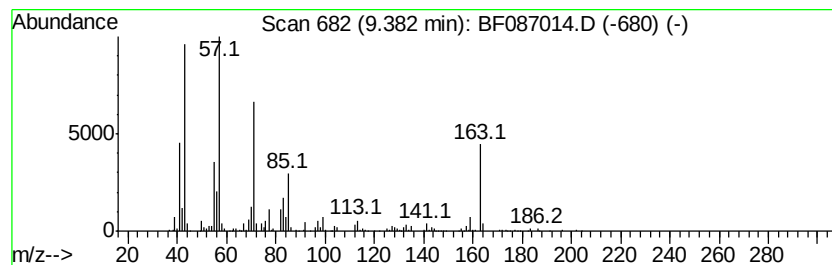
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.38	8.30 ng	498312	Acenaphthene-d10		9.64
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	52
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	52
3	Dodecane	170	C12H26	000112-40-3	50
4	Tridecane	184	C13H28	000629-50-5	50
5	Dotriacontane	451	C32H66	000544-85-4	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087014.D
Acq On : 14 May 2016 12:20
Operator : UM/SJ
Sample : H2947-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

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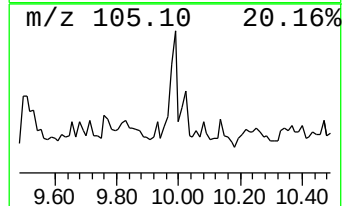
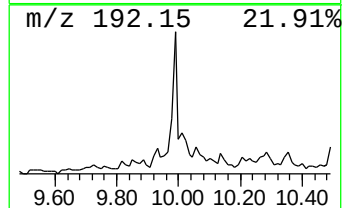
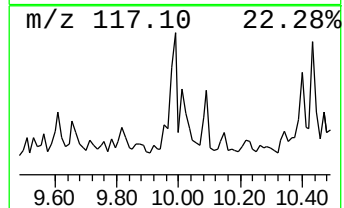
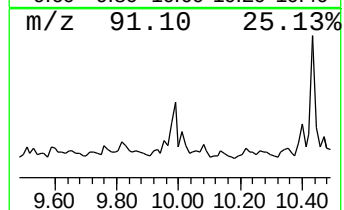
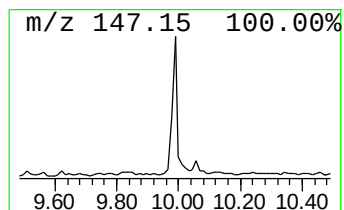
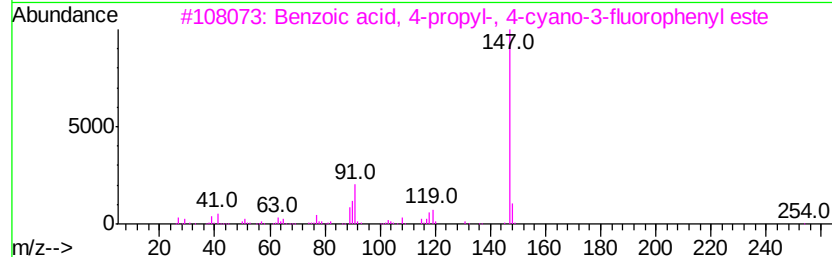
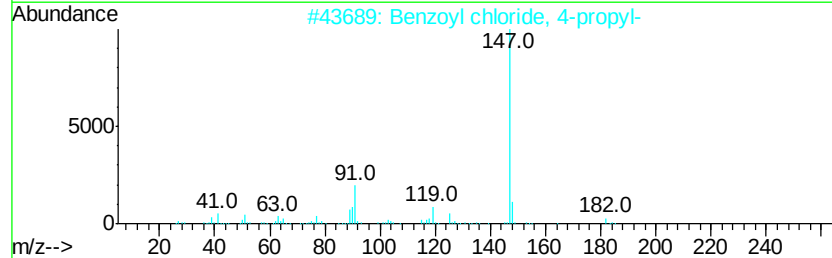
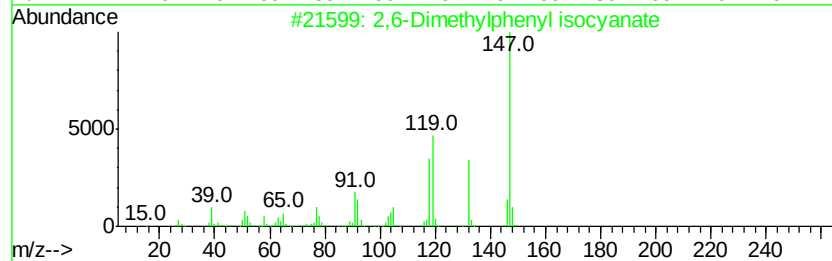
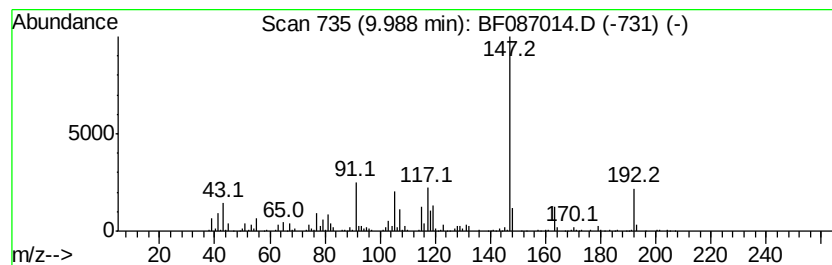
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.99 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	8.02 ng	481508	Acenaphthene-d10	9.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenyl isocyanate			147	C9H9NO	028556-81-2	43
2	Benzoyl chloride, 4-propyl-			182	C10H11ClO	052710-27-7	43
3	Benzoic acid, 4-propyl-, 4-cyano...			283	C17H14FN02	086776-51-4	43
4	Benzene, 1,2,4-trimethyl-5-(1-me...			162	C12H18	010222-95-4	43
5	(Benzo(b)thien-6-yl)acetic acid			192	C10H8O2S	006177-87-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087014.D
Acq On : 14 May 2016 12:20
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Sample : H2947-12
Misc :
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Instrument :
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ClientSampleId :
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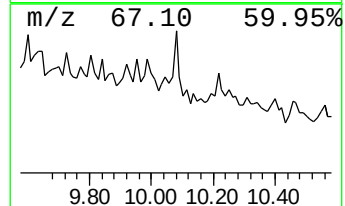
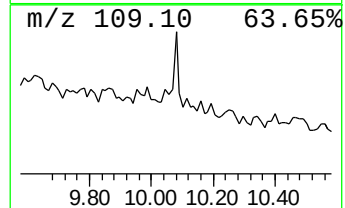
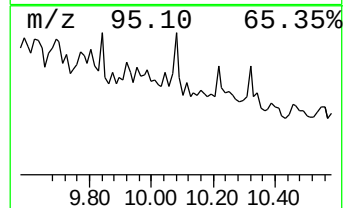
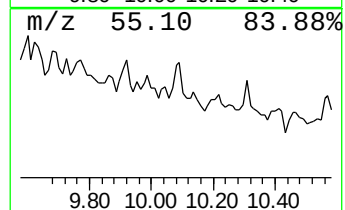
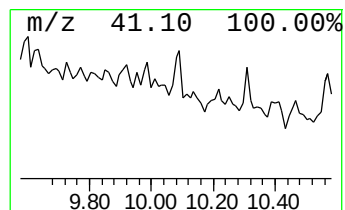
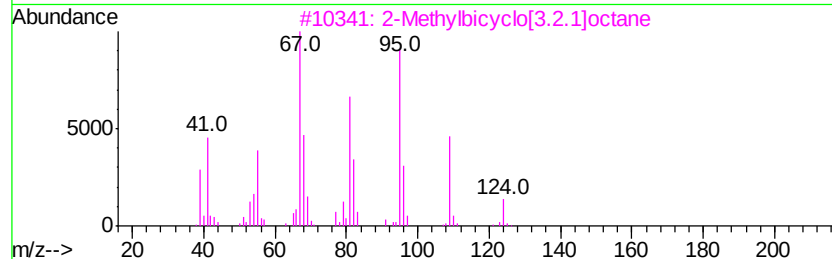
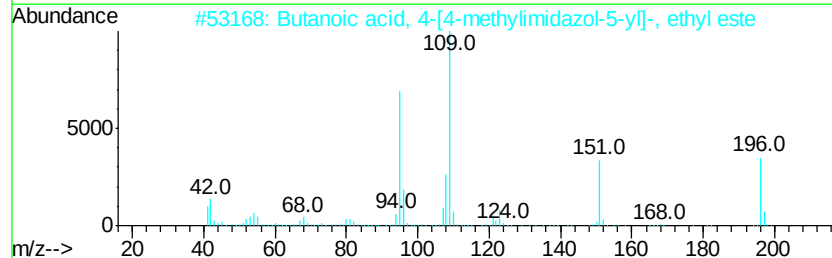
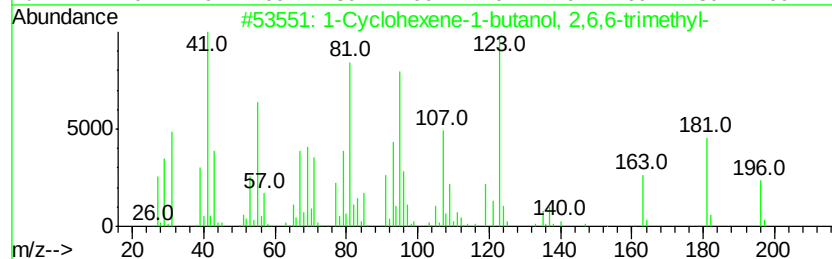
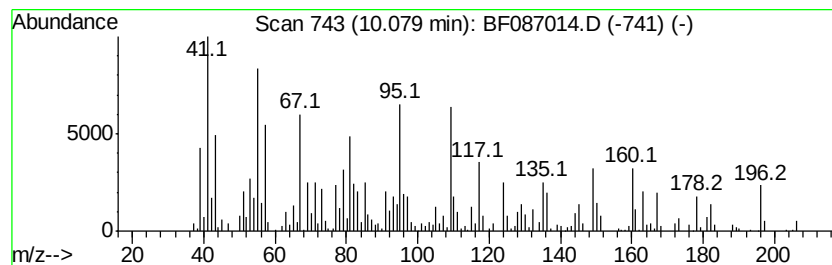
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.08 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	4.97 ng	298477	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclohexene-1-butanol, 2,6,6-t...	196	C13H24O	054344-91-1	30
2		Butanoic acid, 4-[4-methylimidaz...	196	C10H16N2O2	1000116-74-5	30
3		2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	27
4		2-Bornanone oxime	167	C10H17NO	013559-66-5	25
5		1,10-Dimethyl-2-methylene-trans-...	178	C13H22	1000103-97-8	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087014.D
Acq On : 14 May 2016 12:20
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Sample : H2947-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

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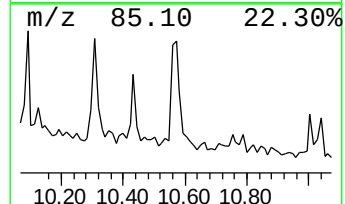
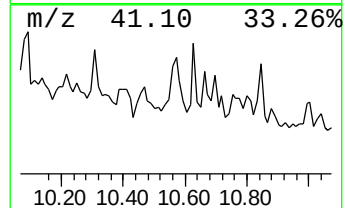
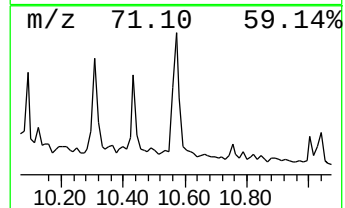
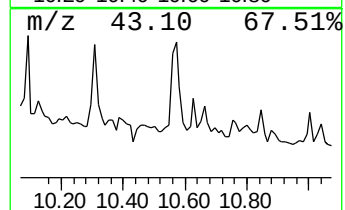
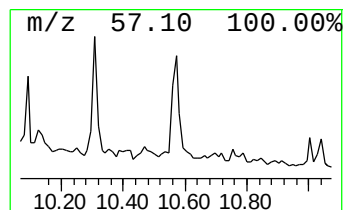
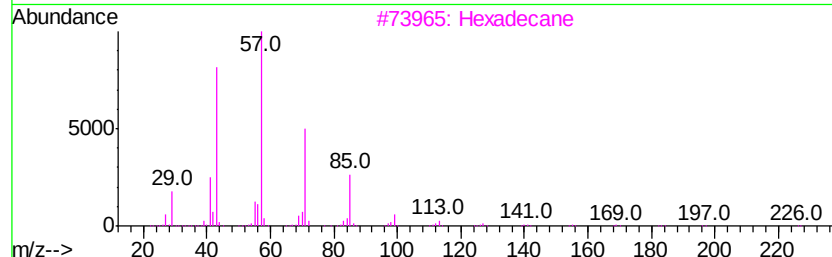
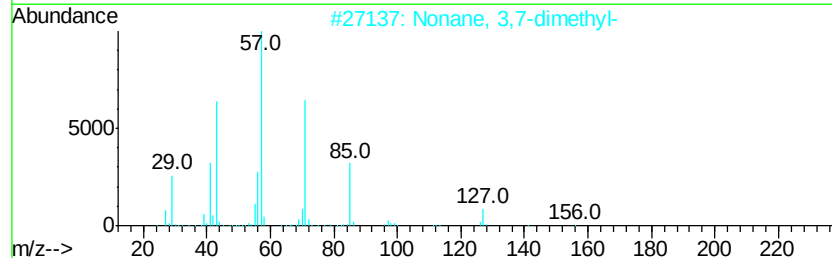
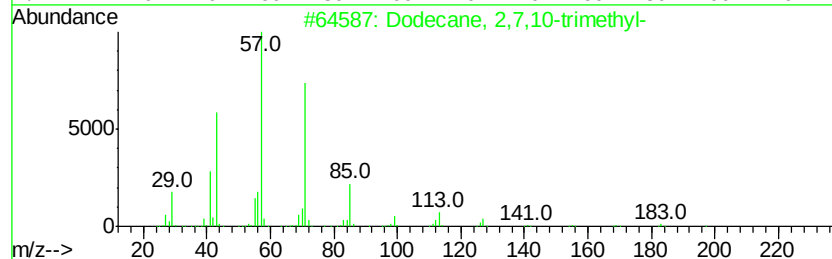
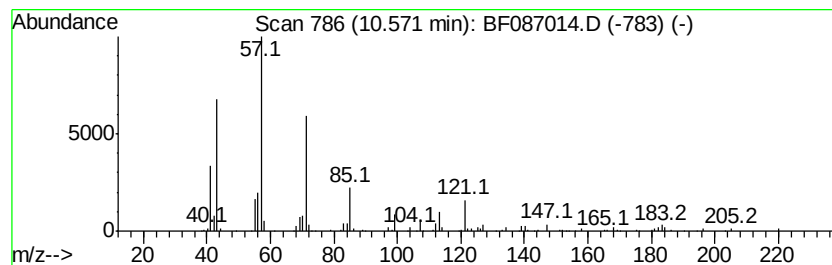
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2,7,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	6.04 ng	354477	Phenanthrene-d10	11.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
3			Hexadecane	226	C16H34	000544-76-3	58
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
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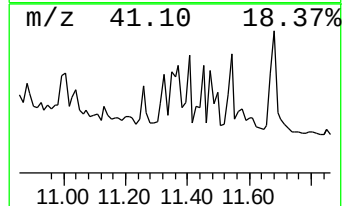
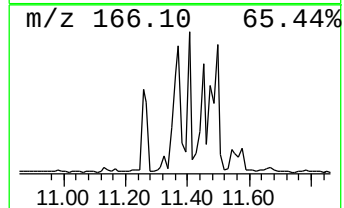
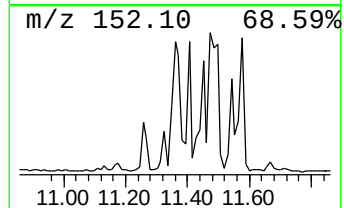
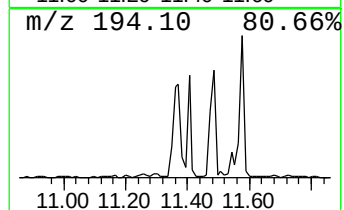
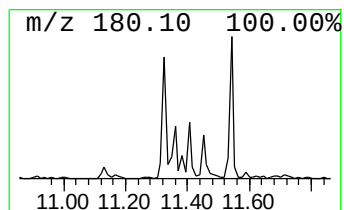
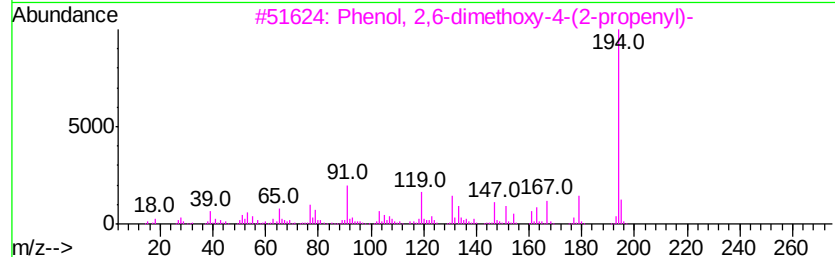
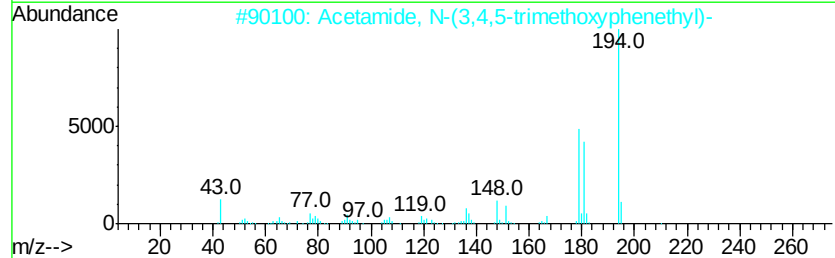
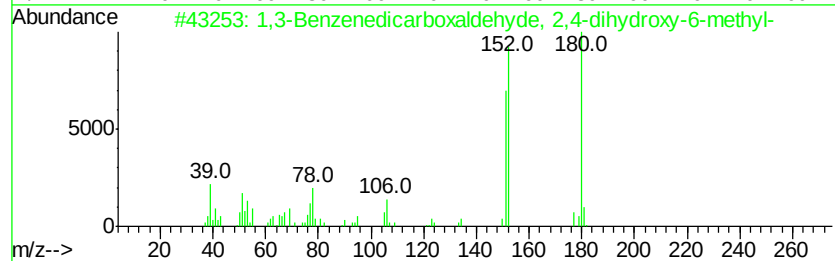
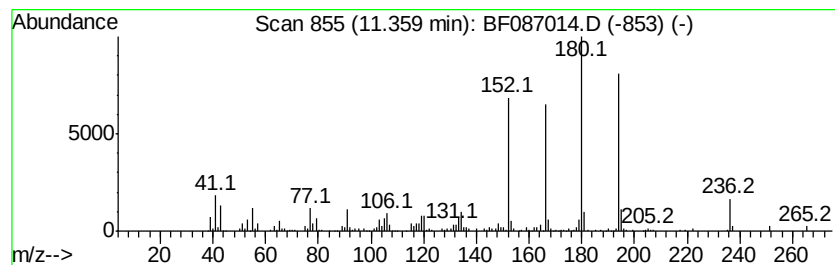
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown11.36 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.36	8.74 ng	513176	Phenanthrene-d10	11.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	35
2	Acetamide, N-(3,4,5-trimethoxyph...	253	C13H19NO4	004593-89-9	22
3	Phenol, 2,6-dimethoxy-4-(2-prope...	194	C11H14O3	006627-88-9	18
4	2-Hydroxy-4-isopropyl-7-methoxyt...	194	C11H14O3	089647-85-8	18
5	5-[5-Ethyl-2-furyl]hydantoin	194	C9H10N2O3	1000214-65-8	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
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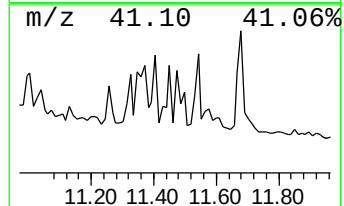
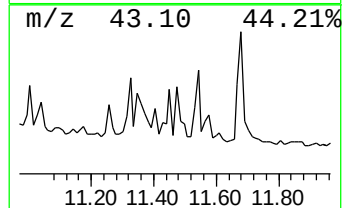
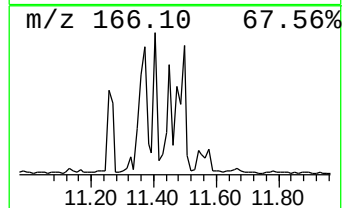
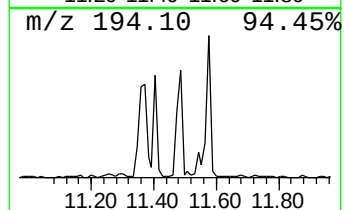
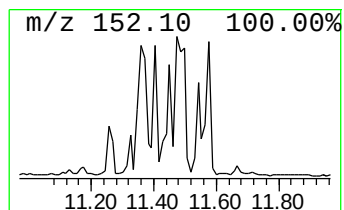
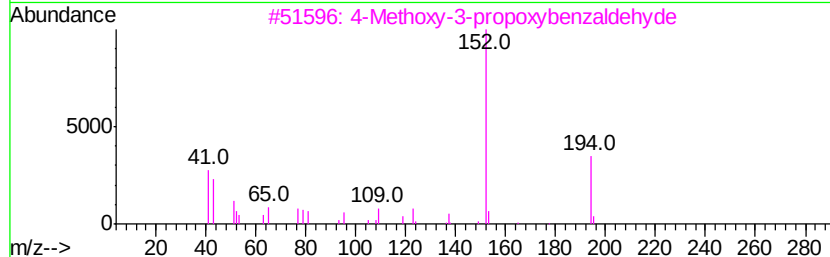
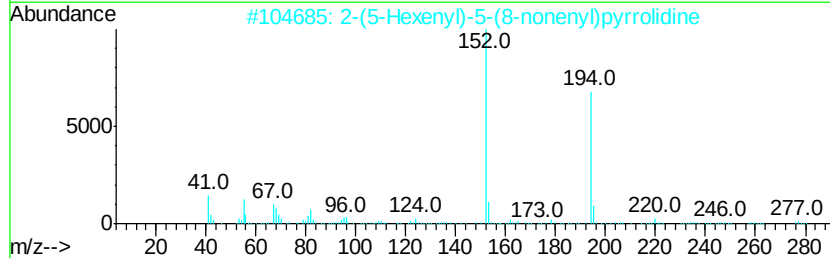
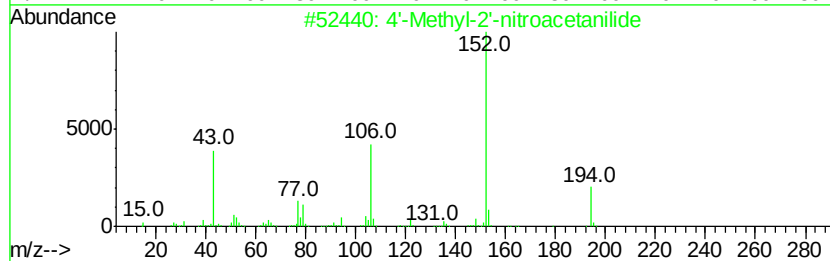
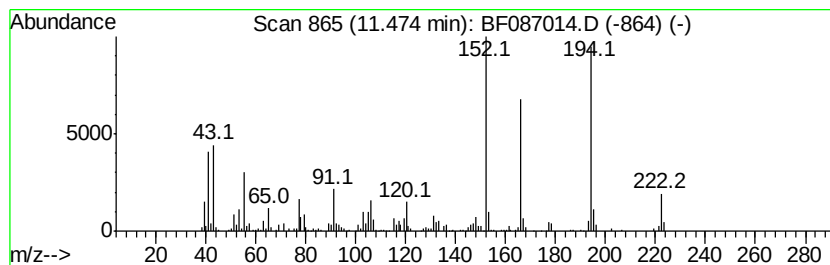
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4'-Methyl-2'-nitroacetanilide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.47	6.15 ng	361273	Phenanthrene-d10	11.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Methyl-2'-nitroacetanilide	194	C9H10N2O3	000612-45-3	53
2	2-(5-Hexenyl)-5-(8-nonenyl)pyrro...	277	C19H35N	100594-86-3	50
3	4-Methoxy-3-propoxybenzaldehyde	194	C11H14O3	005922-56-5	50
4	Phenylamine, N-formyl-4,5-dimeth...	194	C9H10N2O3	171182-96-0	43
5	Benzoic acid, 3,5-diamino-	152	C7H8N2O2	000535-87-5	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087014.D
Acq On : 14 May 2016 12:20
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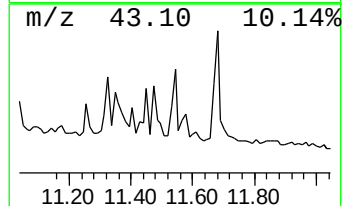
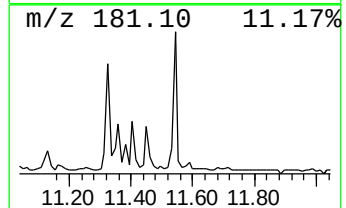
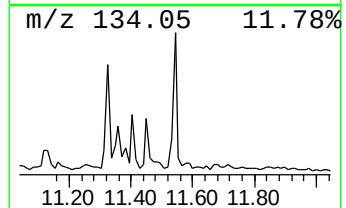
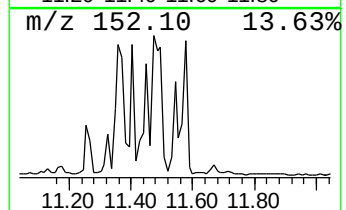
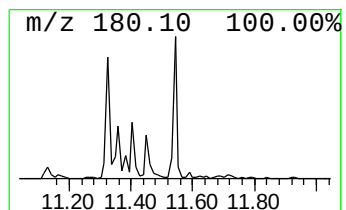
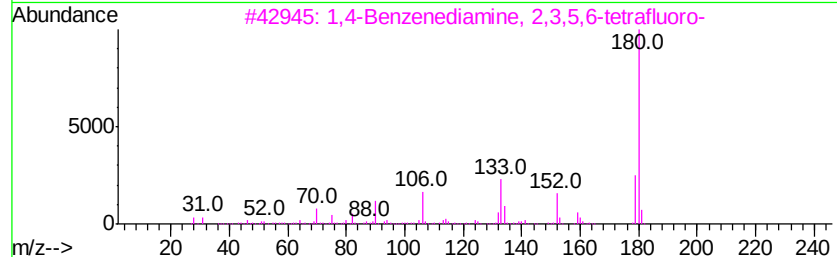
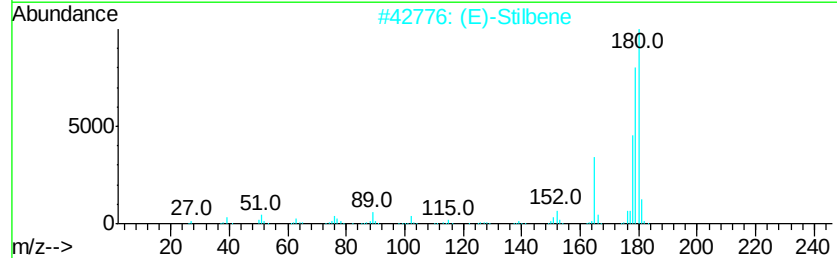
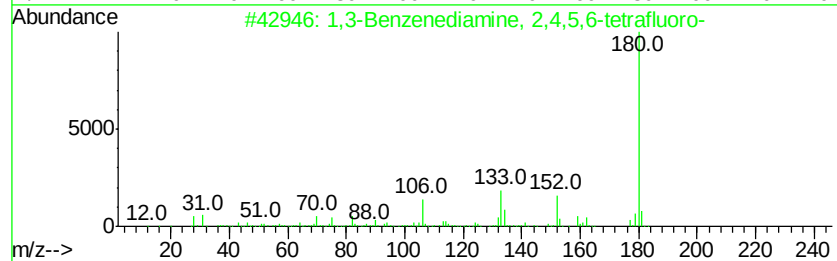
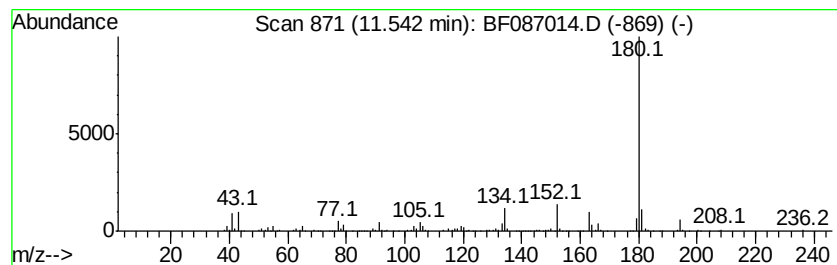
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,3-Benzenediamine, 2,4,5,6... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	5.36 ng	315035	Phenanthrene-d10	11.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Benzenediamine, 2,4,5,6-tetr...	180	C6H4F4N2	001198-63-6	64
2			(E)-Stilbene	180	C14H12	000103-30-0	53
3			1,4-Benzenediamine, 2,3,5,6-tetr...	180	C6H4F4N2	001198-64-7	53
4			Guanidine, (4-nitrophenyl)-	180	C7H8N4O2	005901-56-4	53
5			3-Ethyl-4-hydroxybicyclo[3.3.1]n...	180	C11H16O2	108162-57-8	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087014.D
Acq On : 14 May 2016 12:20
Operator : UM/SJ
Sample : H2947-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-04

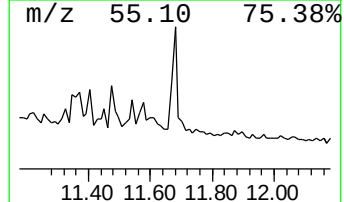
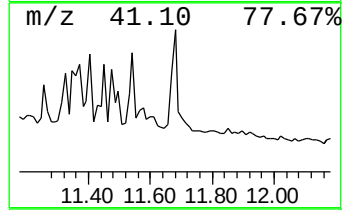
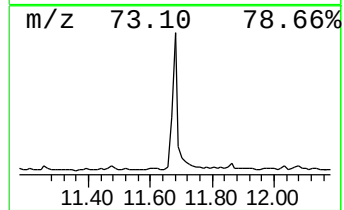
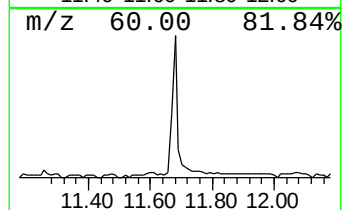
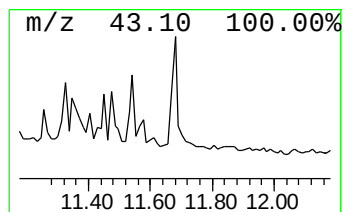
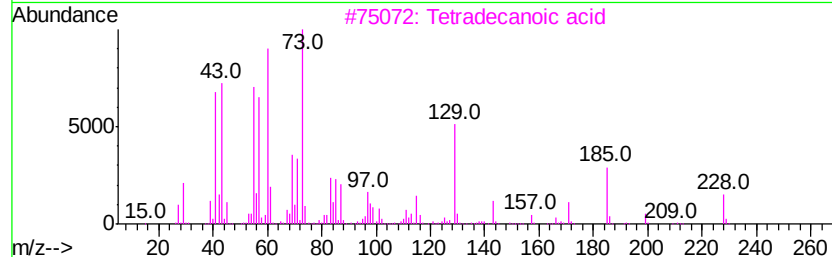
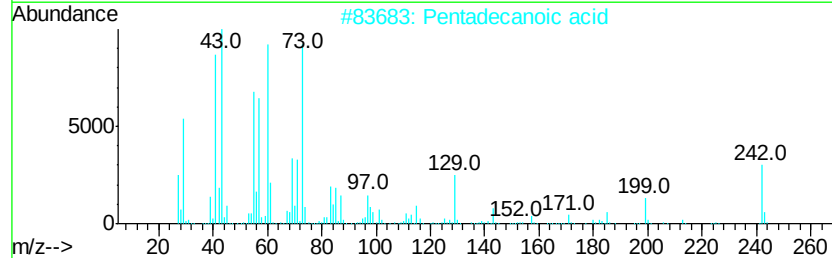
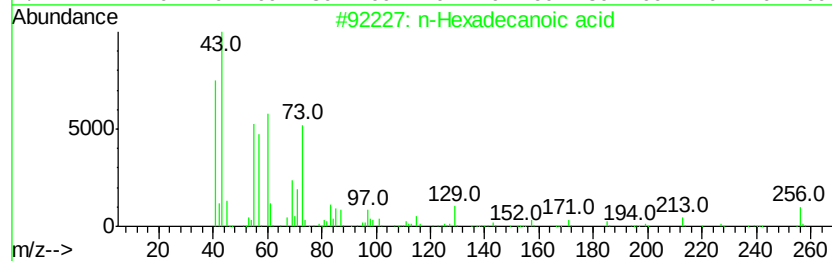
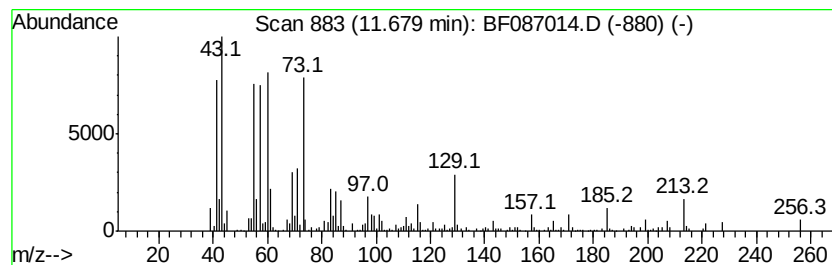
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	5.23 ng	307440	Phenanthrene-d10	11.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4			Undecanoic acid	186	C11H22O2	000112-37-8	64
5			Dodecanoic acid	200	C12H24O2	000143-07-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF087014.D
 Acq On : 14 May 2016 12:20
 Operator : UM/SJ
 Sample : H2947-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.39	6.39	74.7	ng	3533030	1	6.60	946030	20.0
Benzene, 1,3-diet...	6.87	4.8	ng	229018	1	6.60	946030	20.0
Benzene, 1,2-diet...	6.96	5.2	ng	244240	1	6.60	946030	20.0
Benzene, 1,2,4,5-...	7.39	6.2	ng	456211	2	7.90	1473410	20.0
1-Methyldecahydro...	7.53	5.3	ng	386837	2	7.90	1473410	20.0
Cyclohexane, 2-bu...	8.10	7.3	ng	539885	2	7.90	1473410	20.0
Naphthalene, 1,2,...	8.28	6.5	ng	475031	2	7.90	1473410	20.0
Octane, 3,6-dimet...	8.33	12.0	ng	885120	2	7.90	1473410	20.0
Naphthalene, 2-me...	8.71	13.7	ng	1010980	2	7.90	1473410	20.0
unknown9.11	9.11	5.9	ng	354885	3	9.64	1200830	20.0
Undecane	9.38	8.3	ng	498312	3	9.64	1200830	20.0
unknown9.99	9.99	8.0	ng	481508	3	9.64	1200830	20.0
unknown10.08	10.08	5.0	ng	298477	3	9.64	1200830	20.0
Dodecane, 2,7,10-...	10.57	6.0	ng	354477	4	11.12	1174640	20.0
unknown11.36	11.36	8.7	ng	513176	4	11.12	1174640	20.0
4'-Methyl-2'-nitr...	11.47	6.2	ng	361273	4	11.12	1174640	20.0
1,3-Benzenediamin...	11.54	5.4	ng	315035	4	11.12	1174640	20.0
n-Hexadecanoic acid	11.68	5.2	ng	307440	4	11.12	1174640	20.0