

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
 Data File : BF082855.D
 Acq On : 10 Nov 2015 5:42
 Operator : UM/IZ
 Sample : G4155-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP3-16-16.5

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-BF110715.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	5.024	253	257	265	rVB	2596424	4417047	17.94%	1.027%
2	5.447	290	294	296	rBV	6833387	8475501	34.43%	1.971%
3	6.293	363	368	372	rBV2	174202	420022	1.71%	0.098%
4	6.362	372	374	380	rBV	385961	594420	2.41%	0.138%
5	6.476	380	384	386	rBV	6649866	8973848	36.45%	2.087%
6	6.602	392	395	398	rBV	6718801	8115779	32.96%	1.888%
7	6.693	401	403	405	rBV2	339376	520160	2.11%	0.121%
8	6.785	405	411	412	rBV4	428027	1278148	5.19%	0.297%
9	6.830	412	415	416	rBV2	1801023	2021885	8.21%	0.470%
10	6.865	416	418	420	rVB2	950599	1085458	4.41%	0.252%
11	6.899	420	421	423	rBV2	548758	788578	3.20%	0.183%
12	6.945	423	425	426	rBV2	476773	781745	3.18%	0.182%
13	6.990	426	429	431	rBV	5808756	6343457	25.77%	1.475%
14	7.025	431	432	434	rVB	605805	551654	2.24%	0.128%
15	7.082	434	437	438	rBV3	641134	1243500	5.05%	0.289%
16	7.116	438	440	442	rVB	1554428	1985555	8.06%	0.462%
17	7.162	442	444	445	rBV2	523797	452616	1.84%	0.105%
18	7.196	445	447	448	rBV2	682410	916084	3.72%	0.213%
19	7.230	448	450	452	rBV2	1232344	1970123	8.00%	0.458%
20	7.265	452	453	456	rBV2	1016121	1450626	5.89%	0.337%
21	7.333	457	459	460	rBV2	373699	463249	1.88%	0.108%
22	7.402	460	465	466	rBV3	3995105	8727826	35.45%	2.030%
23	7.447	466	469	471	rBV3	1219100	2419435	9.83%	0.563%
24	7.493	471	473	475	rBV3	2461205	3835596	15.58%	0.892%
25	7.573	475	480	481	rBV3	1755690	3830583	15.56%	0.891%
26	7.619	481	484	485	rBV2	911386	1901300	7.72%	0.442%
27	7.653	485	487	489	rVB2	3640019	5554038	22.56%	1.292%
28	7.722	489	493	494	rBV3	1516397	2789499	11.33%	0.649%
29	7.779	494	498	500	rVB4	4621902	9714390	39.46%	2.259%
30	7.859	500	505	507	rBV5	1727807	5577110	22.65%	1.297%
31	7.905	507	509	510	rBV	2036187	2527201	10.27%	0.588%
32	7.962	512	514	516	rVB3	1630694	2354097	9.56%	0.548%
33	8.042	516	521	523	rBV4	2654718	6937788	28.18%	1.614%
34	8.133	527	529	532	rVV3	5050188	9378416	38.09%	2.181%

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35	8.225	535	537	542	rVB2	4009267	9465008	38.45%	2.201%
36	8.316	543	545	547	rBV2	2487522	4073769	16.55%	0.948%
37	8.430	553	555	557	rBV3	2548869	4594386	18.66%	1.069%
38	8.590	566	569	573	rVB2	7428927	14974627	60.82%	3.483%
39	8.762	581	584	586	rBV	5667027	9485311	38.53%	2.206%
40	9.036	606	608	614	rBV8	2195947	8277838	33.62%	1.925%
41	9.196	619	622	627	rVB2	7535859	17965820	72.97%	4.179%
42	9.333	629	634	636	rBV2	8317226	20373002	82.75%	4.738%
43	9.653	658	662	665	rVB3	6284261	17510831	71.13%	4.073%
44	9.825	675	677	678	rBV2	3164575	4079510	16.57%	0.949%
45	9.871	678	681	682	rVV	7376801	11439043	46.46%	2.661%
46	9.893	682	683	687	rVB3	3545236	6041080	24.54%	1.405%
47	10.088	698	700	701	rBV2	2405980	3846458	15.62%	0.895%
48	10.122	701	703	704	rVV2	3691728	5127609	20.83%	1.193%
49	10.179	707	708	710	rVB2	5571800	4878660	19.82%	1.135%
50	10.362	722	724	726	rVB	5767536	8873490	36.04%	2.064%
51	10.579	739	743	746	rBV	8041994	18449560	74.94%	4.291%
52	10.625	746	747	748	rVV	3219099	2630451	10.68%	0.612%
53	10.659	748	750	751	rVV	3677424	3620336	14.71%	0.842%
54	10.694	751	753	755	rVB2	3992565	5511637	22.39%	1.282%
55	10.865	762	768	770	rBV2	8743196	24619429	100.00%	5.726%
56	11.276	802	804	806	rBV	6323894	11868936	48.21%	2.761%
57	11.574	828	830	832	rVB2	2355433	2008098	8.16%	0.467%
58	11.608	832	833	834	rVV	1502921	1053232	4.28%	0.245%
59	11.654	834	837	838	rVV	2560247	3774493	15.33%	0.878%
60	11.699	838	841	844	rVB	7385054	10773234	43.76%	2.506%
61	11.848	852	854	856	rBV3	2133774	3970366	16.13%	0.923%
62	11.916	859	860	861	rVV	3069717	2544010	10.33%	0.592%
63	11.997	865	867	868	rVV	2272973	4052850	16.46%	0.943%
64	12.099	872	876	880	rVB2	8102014	12402003	50.37%	2.885%
65	12.374	898	900	904	rVB3	2767054	4942361	20.08%	1.150%
66	12.431	904	905	907	rVV	3035466	3132550	12.72%	0.729%
67	12.477	907	909	911	rVV2	6571864	10430120	42.37%	2.426%
68	12.522	911	913	914	rVB	780097	1044663	4.24%	0.243%
69	12.842	939	941	943	rVB	5683839	6870539	27.91%	1.598%
70	12.957	949	951	956	rVB	5414789	7456253	30.29%	1.734%
71	13.197	969	972	974	rBV	5832535	5854326	23.78%	1.362%

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72	13.231	974	975	980	rVB5	745566	1473727	5.99%	0.343%
73	13.402	987	990	992	rVB	691931	972222	3.95%	0.226%
74	13.528	999	1001	1004	rVB	3319933	3353157	13.62%	0.780%
75	13.860	1028	1030	1037	rVB	2055098	2660901	10.81%	0.619%
76	13.997	1040	1042	1044	rVB	1233203	1655117	6.72%	0.385%
77	14.168	1055	1057	1064	rVB	784573	1280663	5.20%	0.298%
78	14.477	1082	1084	1087	rVB	304916	387981	1.58%	0.090%
79	14.785	1109	1111	1115	rVB	224749	248807	1.01%	0.058%
80	15.414	1163	1166	1169	rVB	992386	1239223	5.03%	0.288%
81	16.363	1246	1249	1258	rVB2	108779	264364	1.07%	0.061%

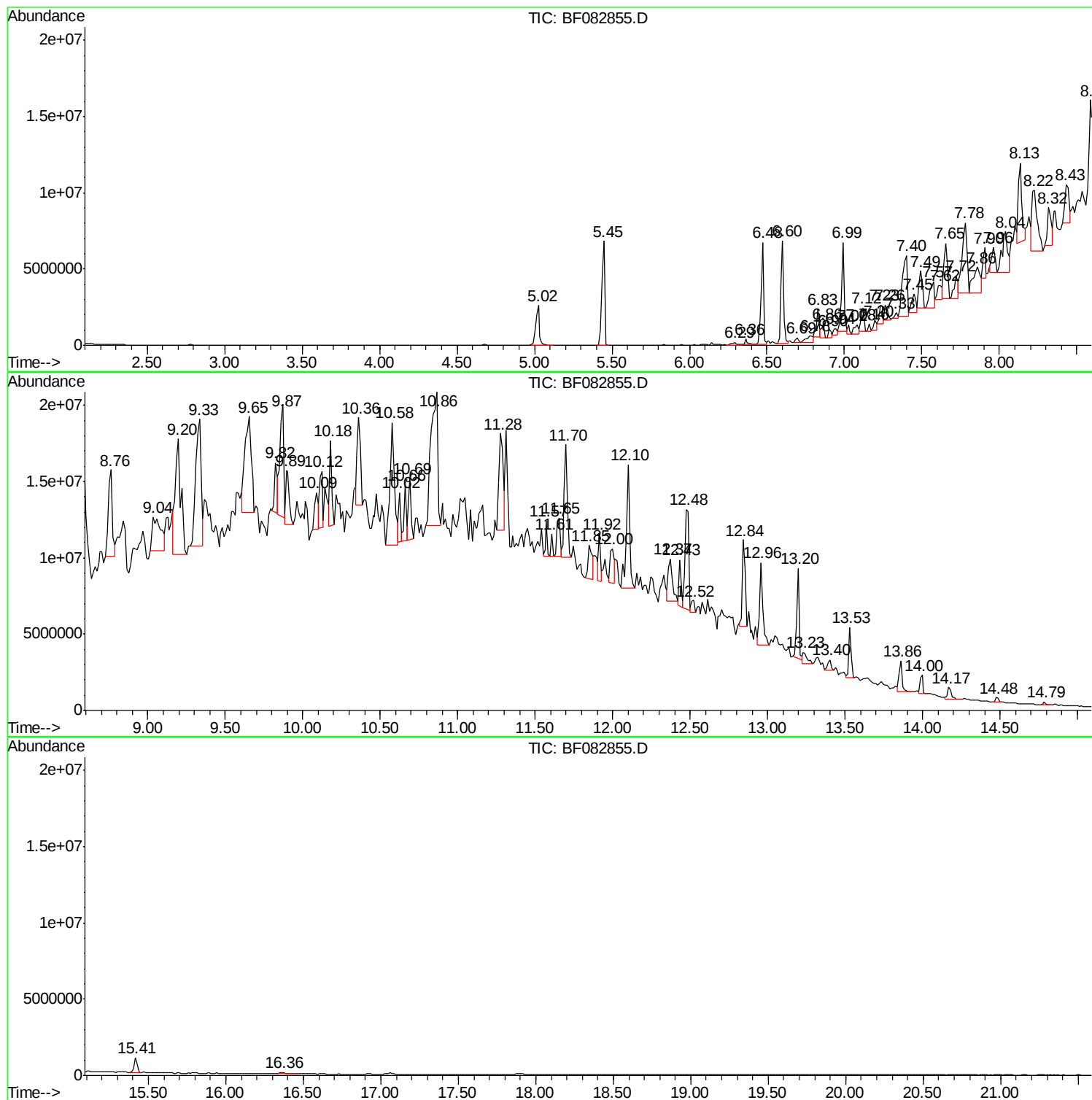
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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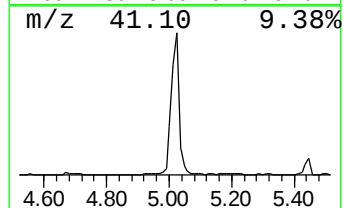
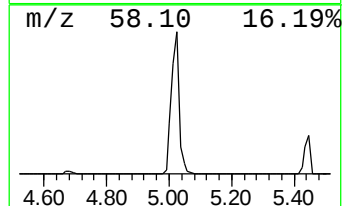
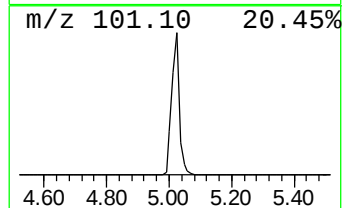
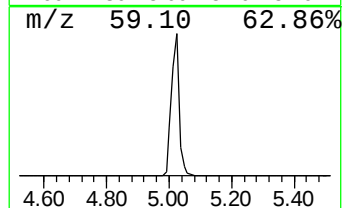
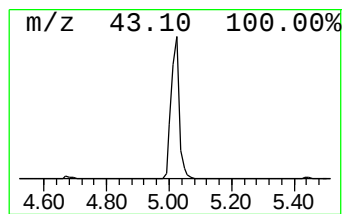
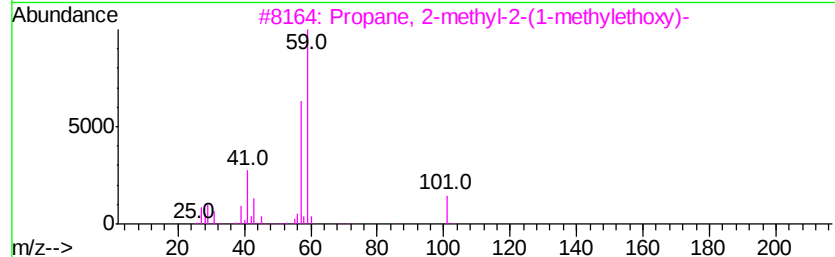
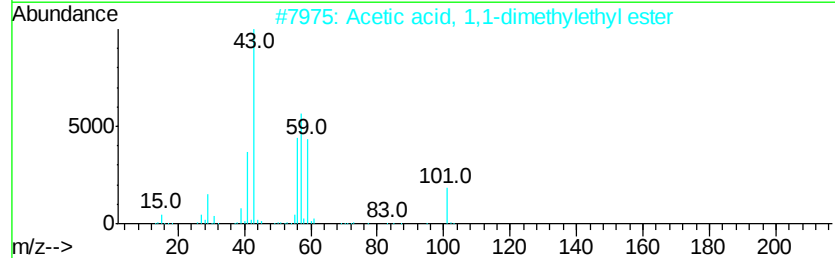
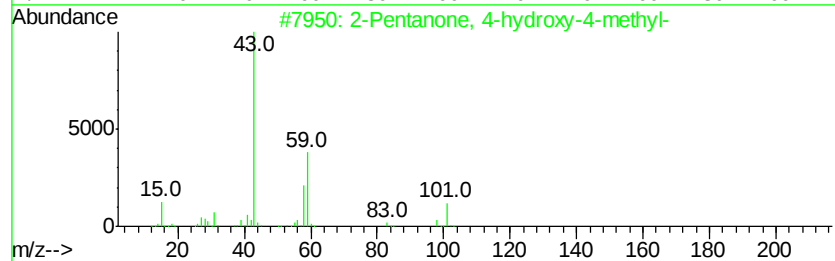
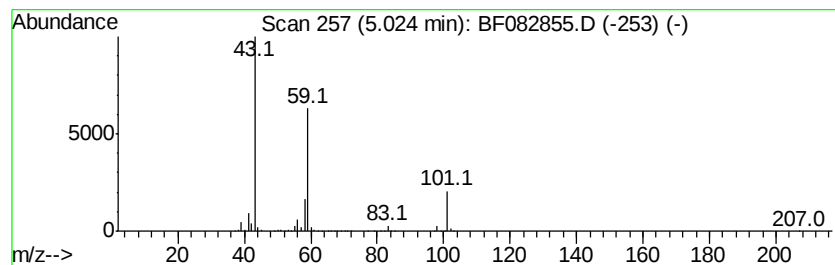
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	43.69 ng	4417050	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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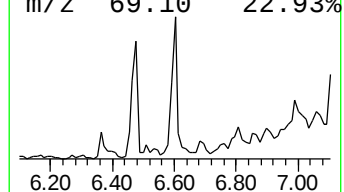
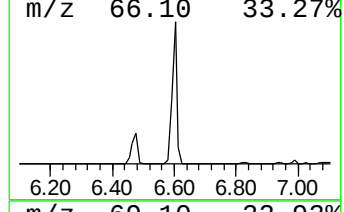
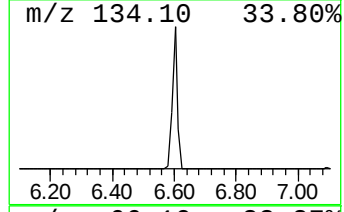
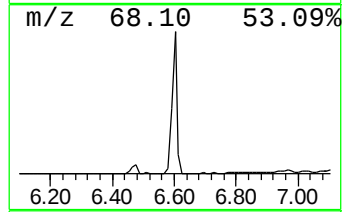
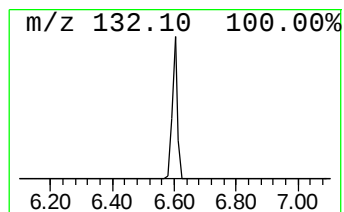
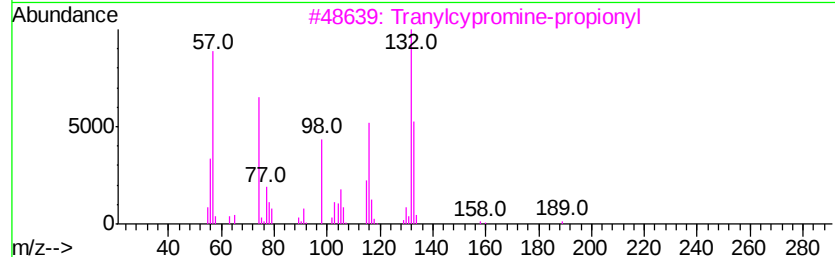
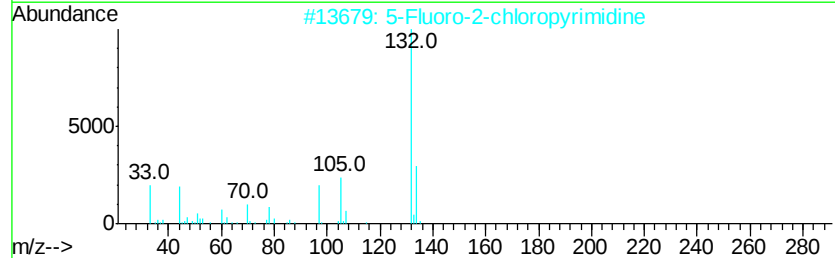
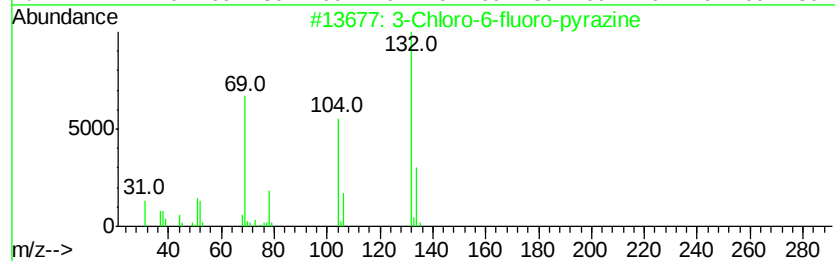
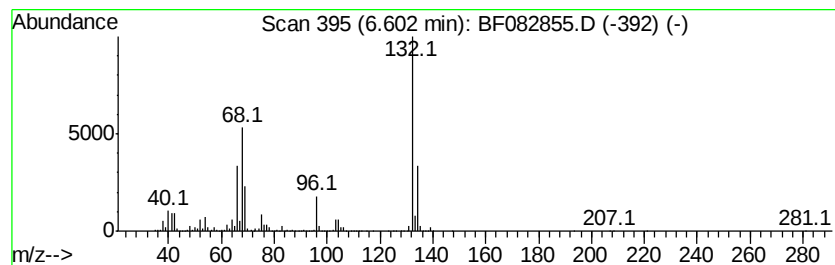
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	80.28 ng	8115780	1,4-Dichlorobenzene-d4	6.83

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10



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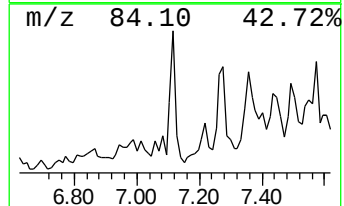
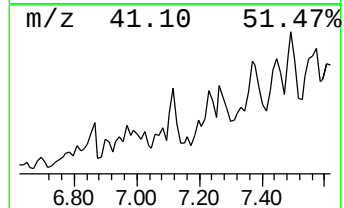
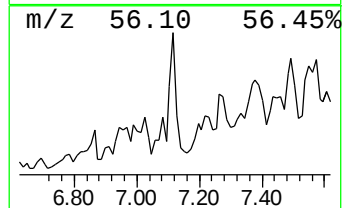
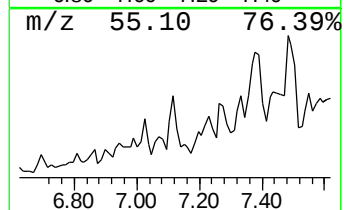
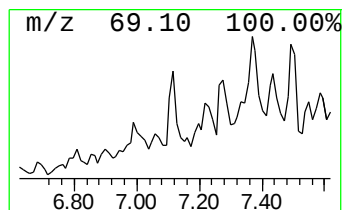
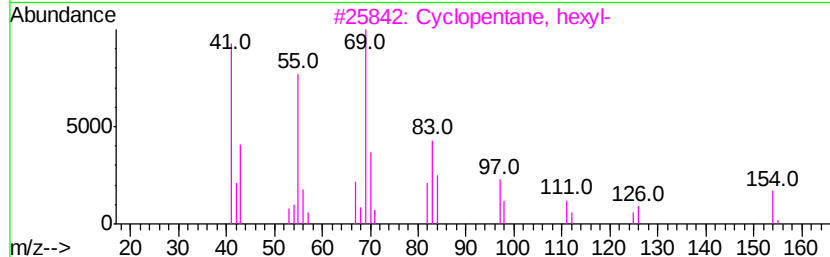
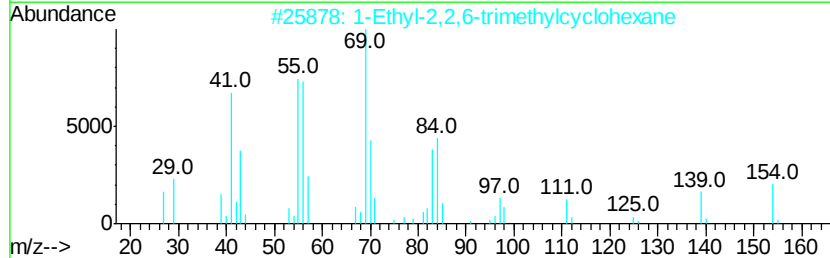
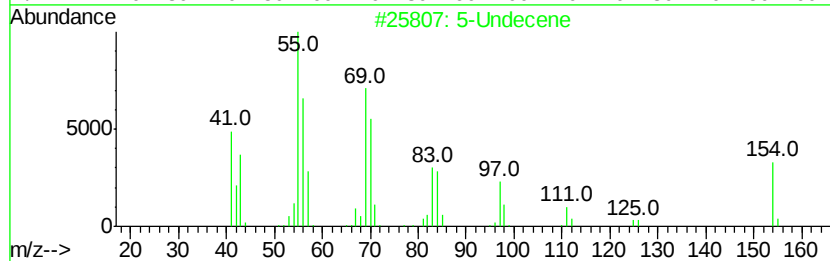
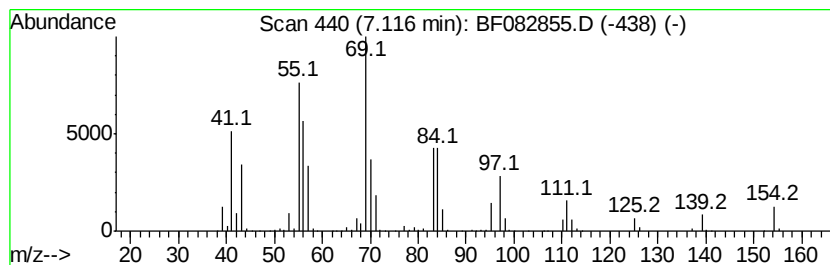
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 5-Undecene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	19.64 ng	1985560	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Undecene	154	C11H22	004941-53-1	93
2		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	81
3		Cyclopentane, hexyl-	154	C11H22	004457-00-5	62
4		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	53
5		Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	45



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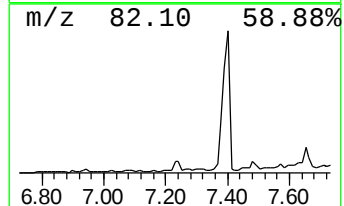
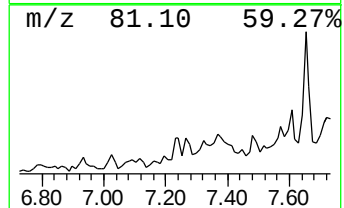
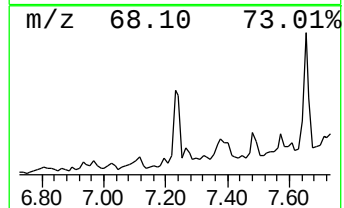
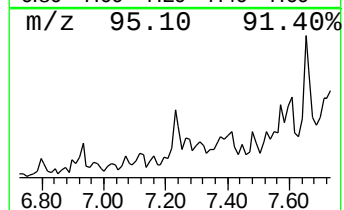
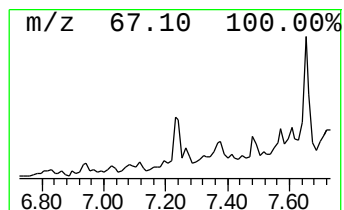
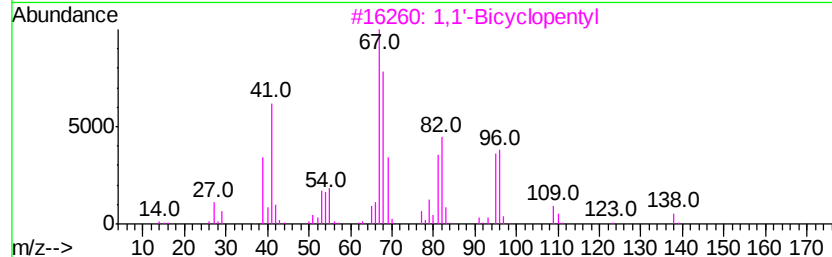
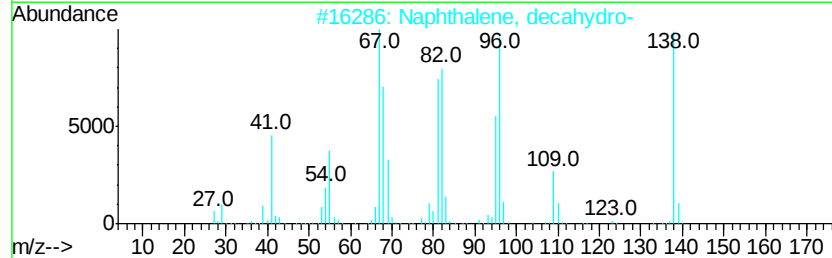
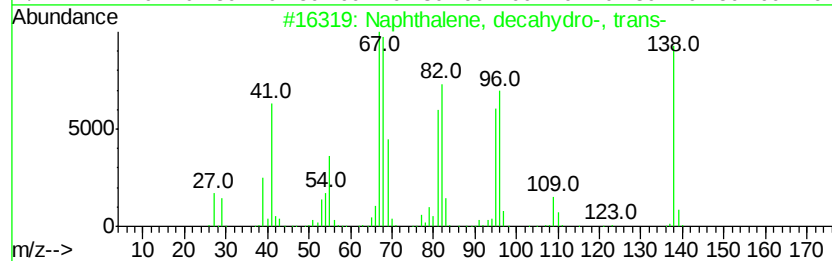
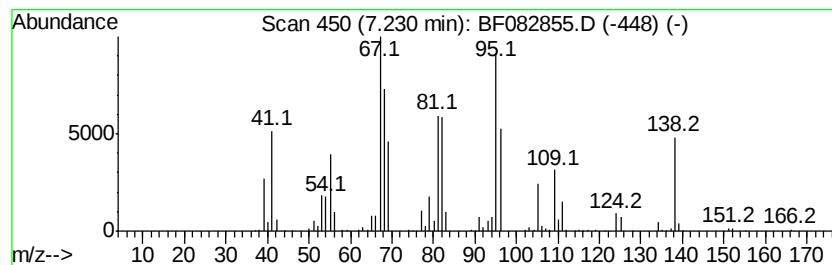
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	19.49 ng	1970120	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	89
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	70
3		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	68
4		Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	68
5		Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082855.D
Acq On : 10 Nov 2015 5:42
Operator : UM/IZ
Sample : G4155-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

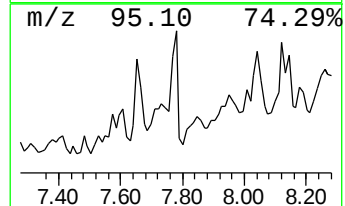
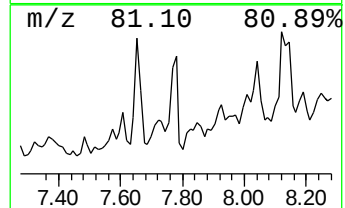
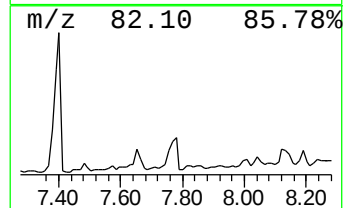
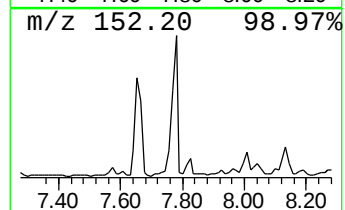
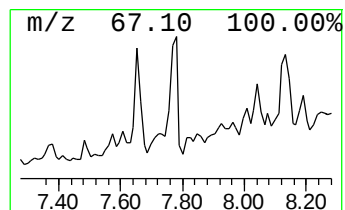
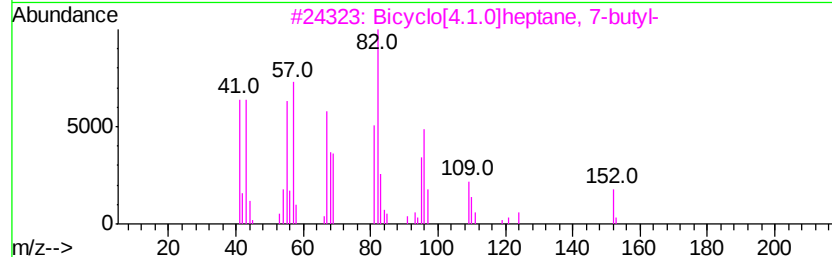
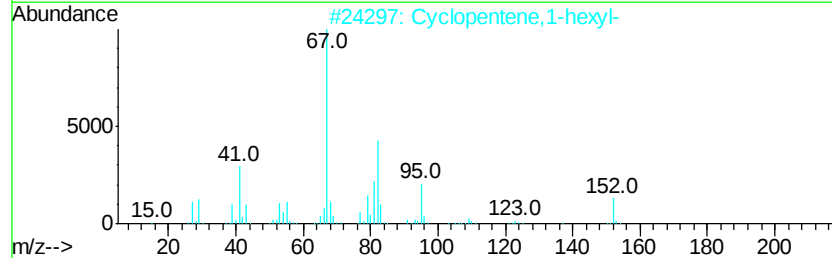
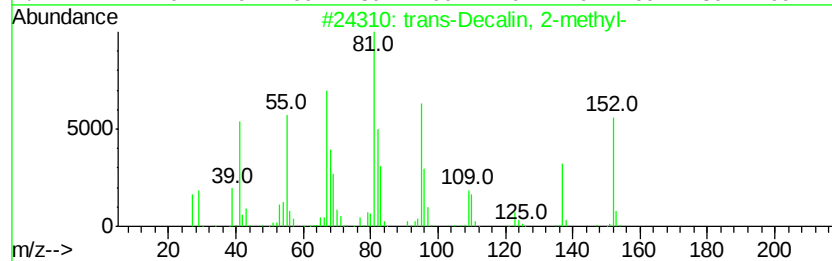
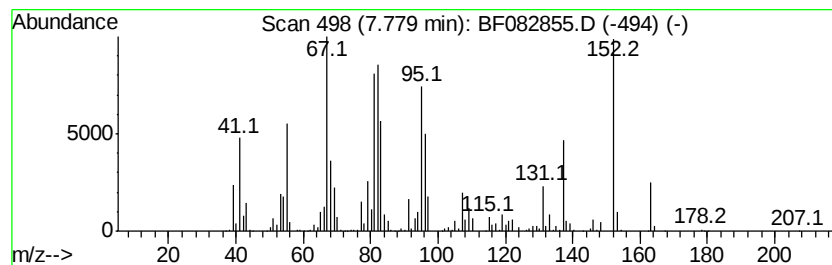
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 trans-Decalin, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.78	20.72 ng	9714390	Naphthalene-d8	8.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
2	Cyclopentene,1-hexyl-	152	C11H20	004291-99-0	53
3	Bicvclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	49
4	9-Methylbicvclo[3.3.1]nonane	138	C10H18	025107-01-1	46
5	4,5-Nonadiene	124	C9H16	000821-74-9	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
Data File : BF082855.D
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ClientSampleId :
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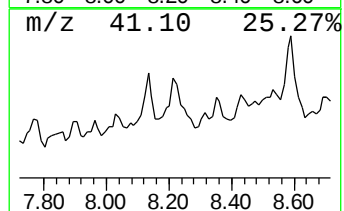
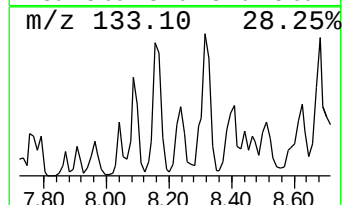
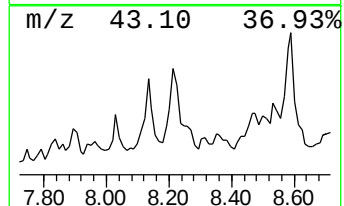
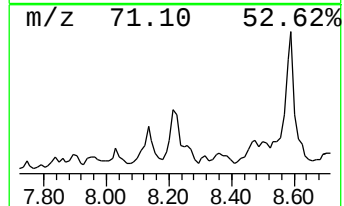
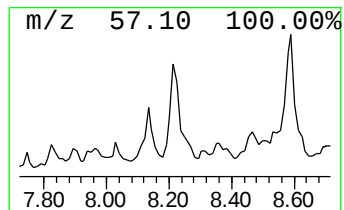
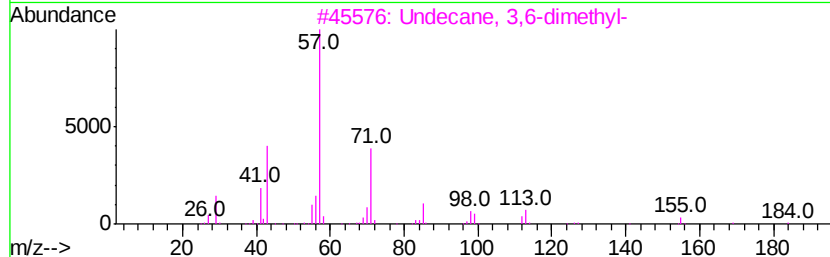
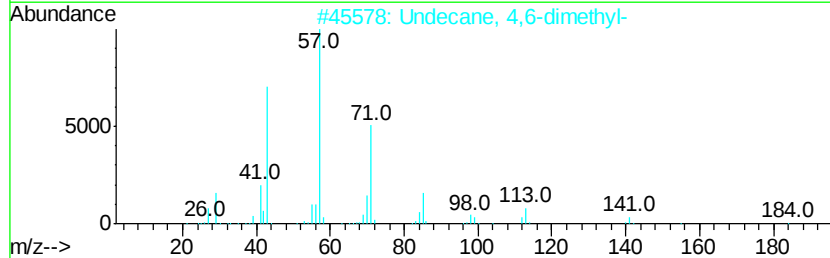
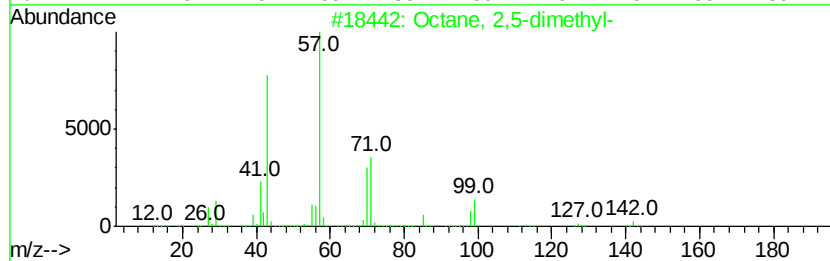
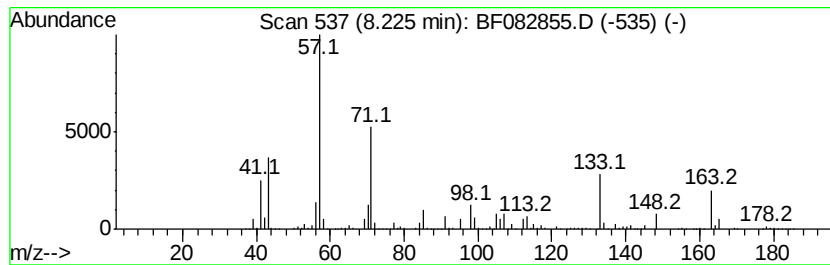
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.22 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	20.18 ng	9465010	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	43
2		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	43
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	41
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082855.D
Acq On : 10 Nov 2015 5:42
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Sample : G4155-01
Misc :
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Instrument :
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ClientSampleId :
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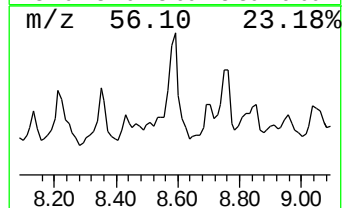
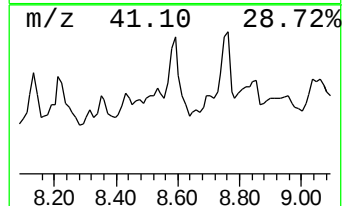
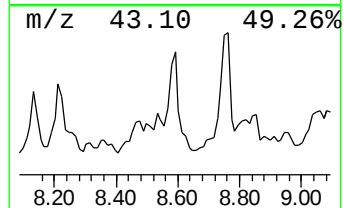
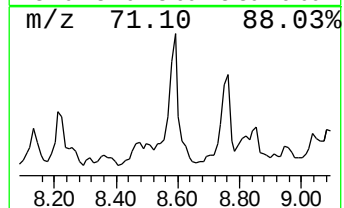
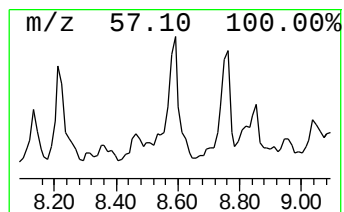
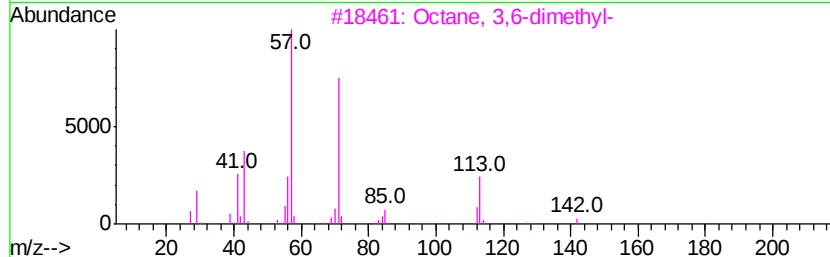
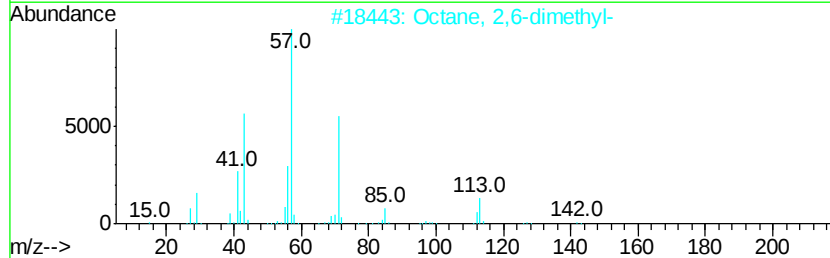
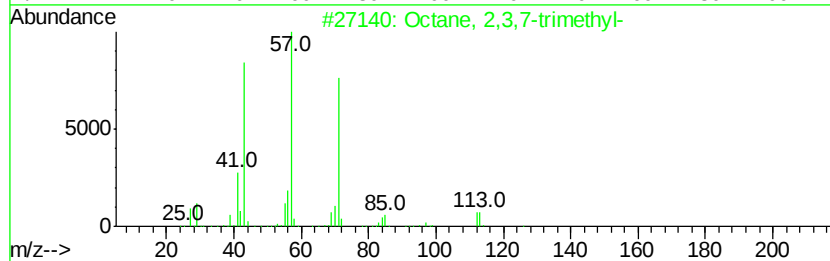
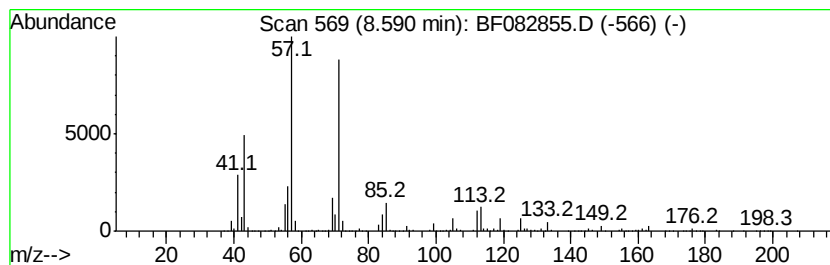
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octane, 2,3,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	31.93 ng	14974600	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
5		Octane, 2-bromo-	192	C8H17Br	000557-35-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
Data File : BF082855.D
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Misc :
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Instrument :
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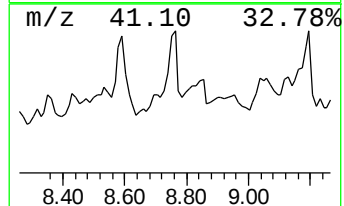
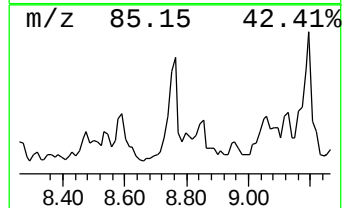
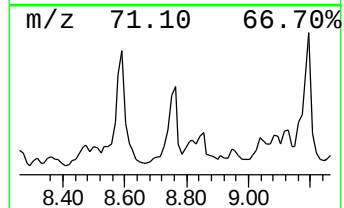
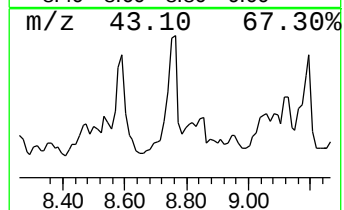
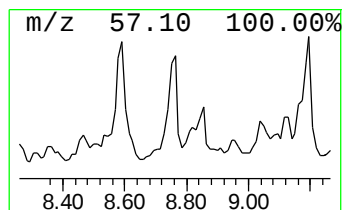
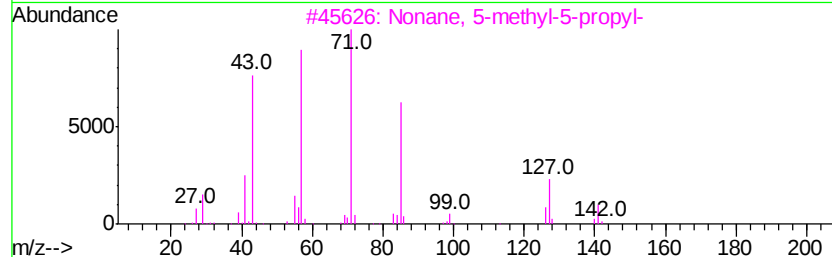
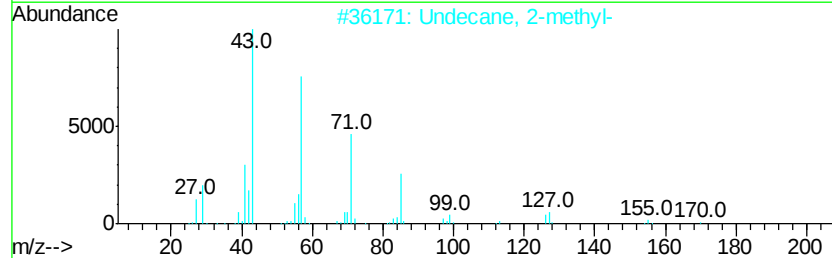
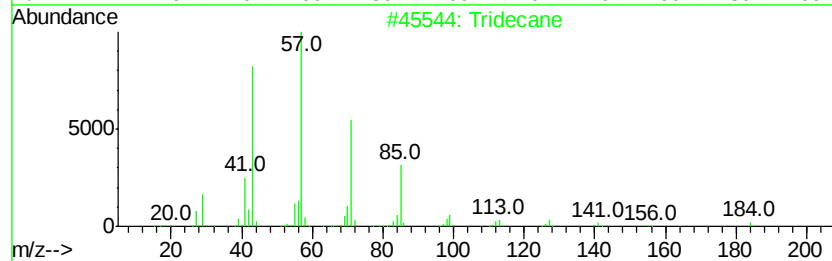
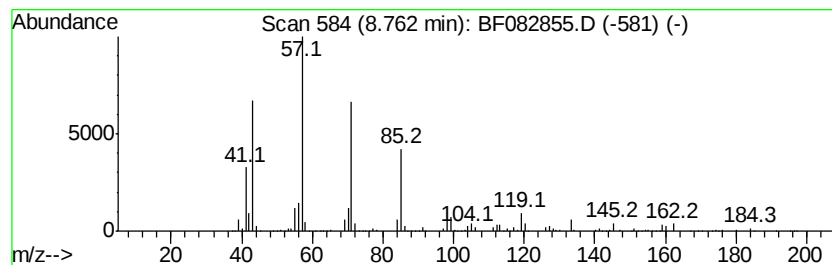
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	20.23 ng	9485310	Naphthalene-d8	8.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	91
2	Undecane, 2-methyl-		170	C12H26	007045-71-8	64
3	Nonane, 5-methyl-5-propyl-		184	C13H28	017312-75-3	59
4	Tetradecane		198	C14H30	000629-59-4	59
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082855.D
Acq On : 10 Nov 2015 5:42
Operator : UM/IZ
Sample : G4155-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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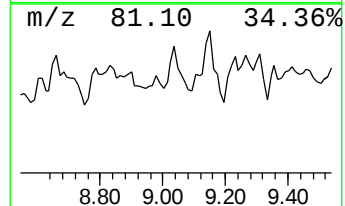
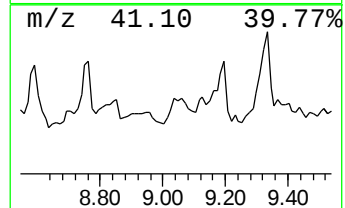
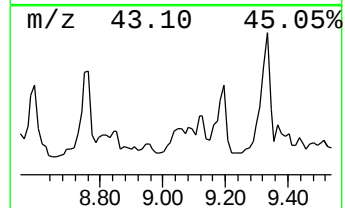
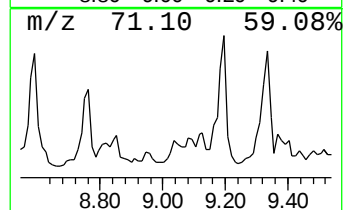
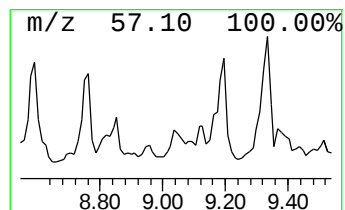
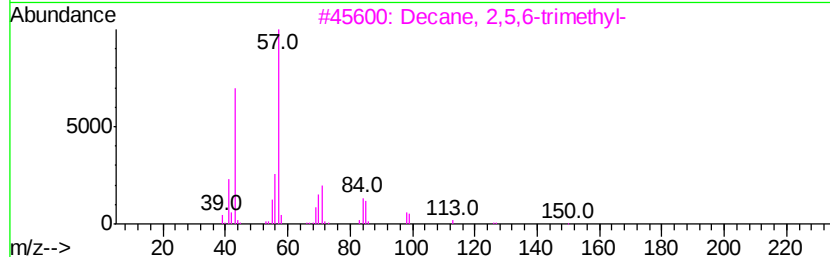
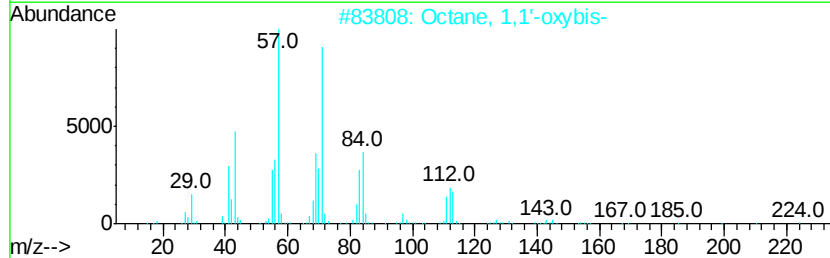
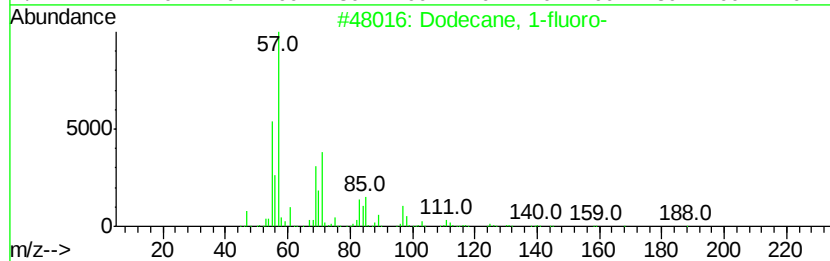
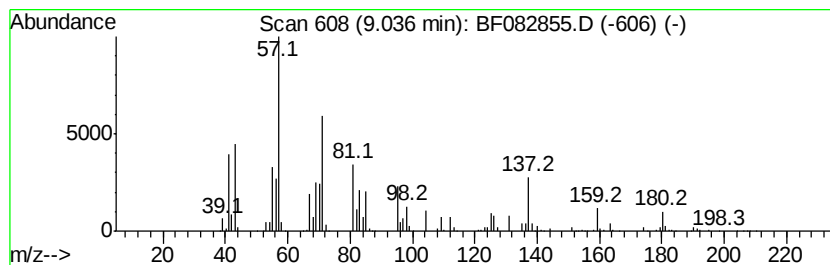
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	27.41 ng	8277840	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	43
2		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	35
3		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	27
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	27
5		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
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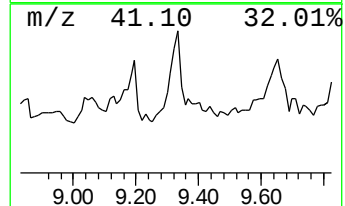
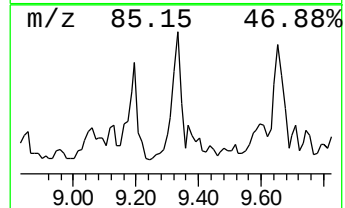
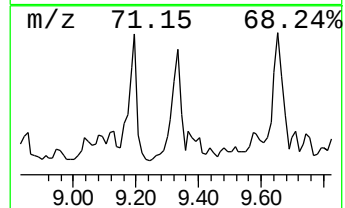
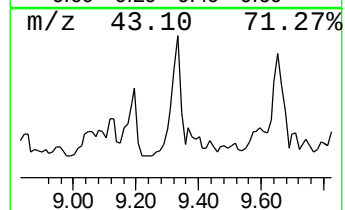
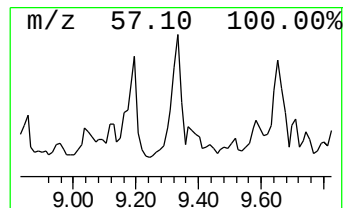
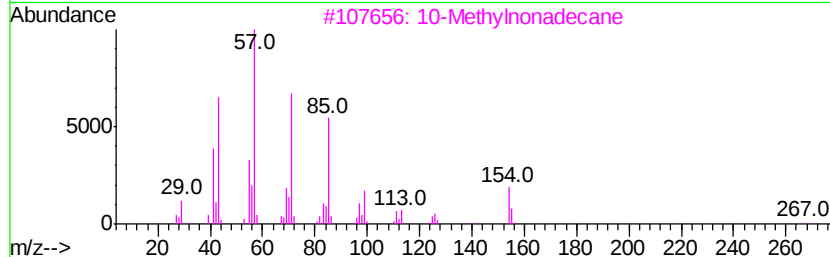
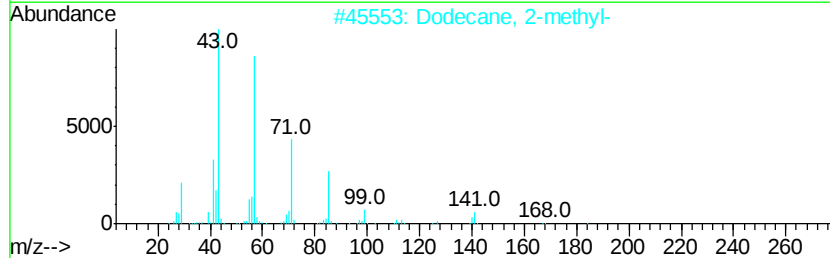
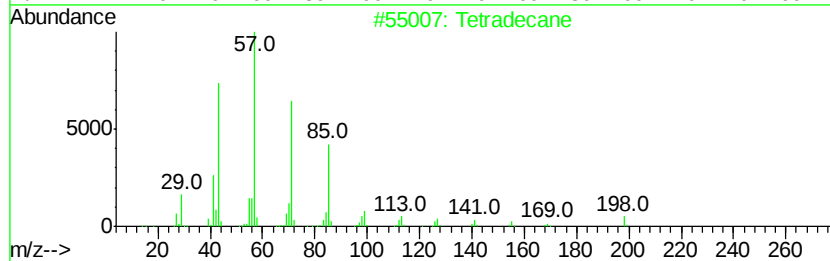
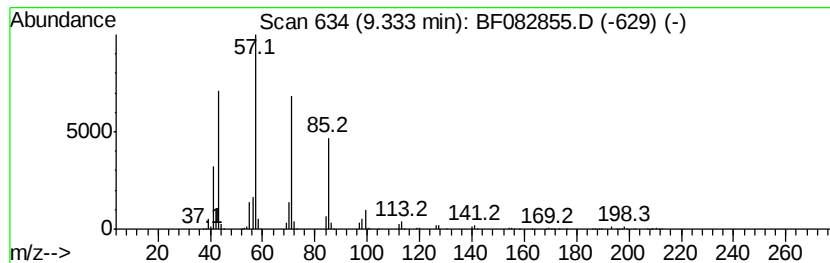
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	67.45 ng	20373000	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	87
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
3		10-Methylnonadecane	282	C20H42	056862-62-5	83
4		Hexadecane	226	C16H34	000544-76-3	83
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83



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Acq On : 10 Nov 2015 5:42
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Sample : G4155-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GP3-16-16.5

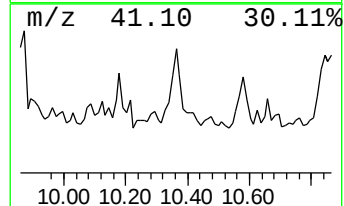
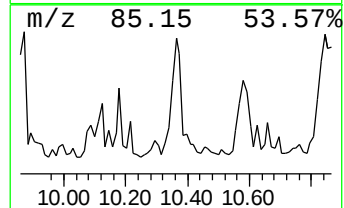
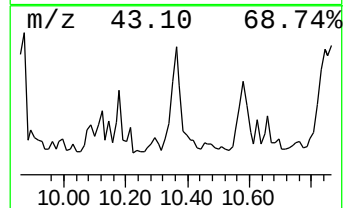
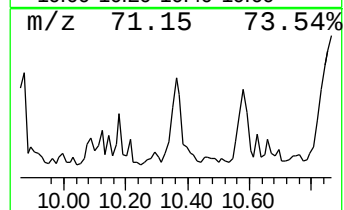
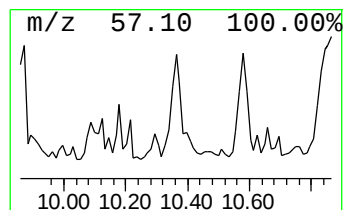
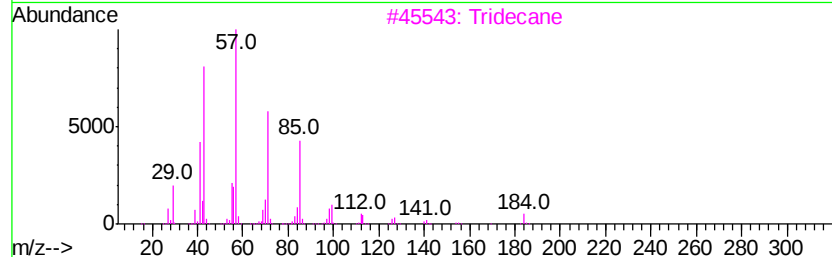
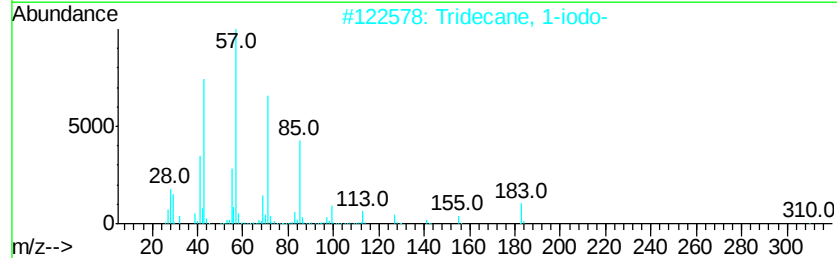
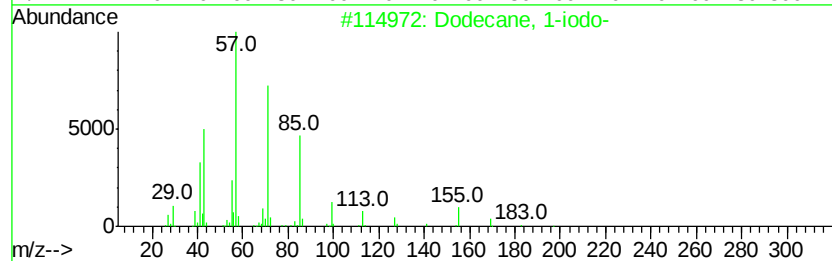
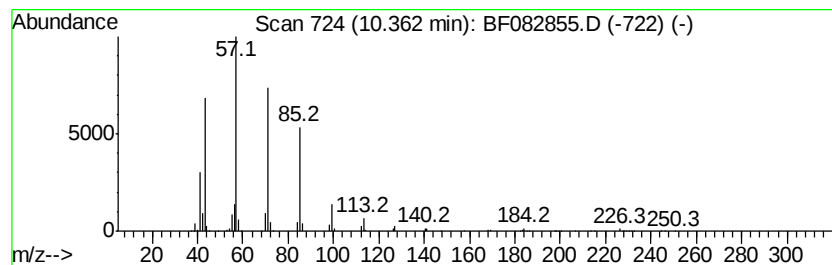
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	29.38 ng	8873490	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3		Tridecane	184	C13H28	000629-50-5	72
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5		Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
Data File : BF082855.D
Acq On : 10 Nov 2015 5:42
Operator : UM/IZ
Sample : G4155-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP3-16-16.5

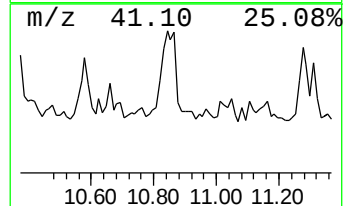
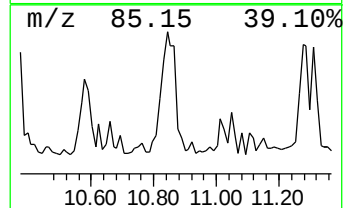
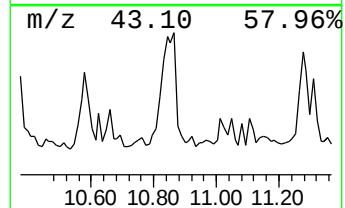
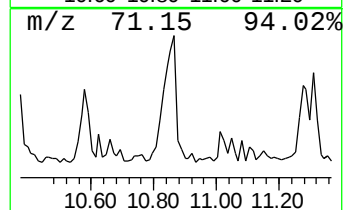
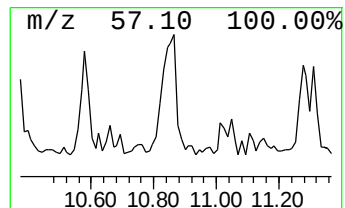
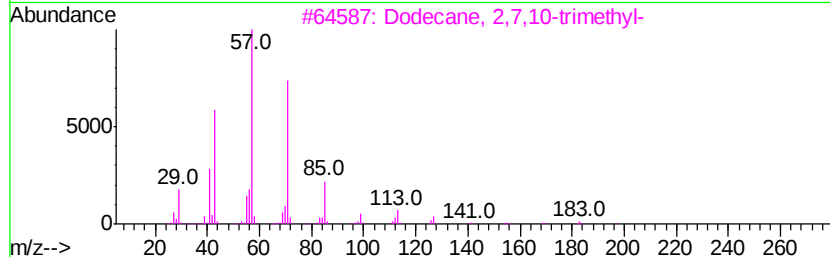
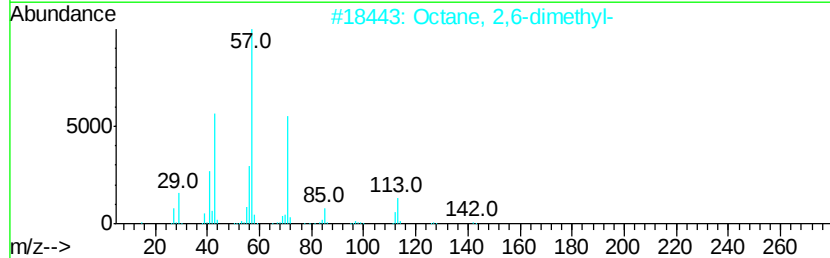
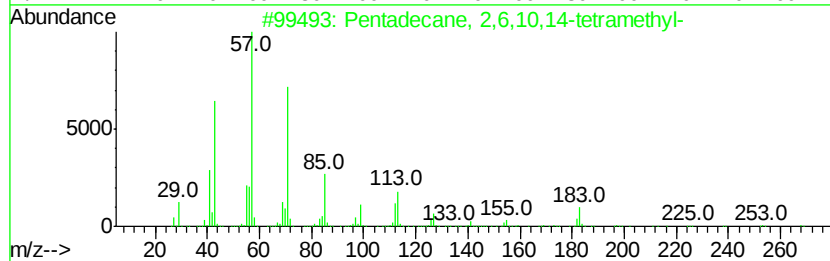
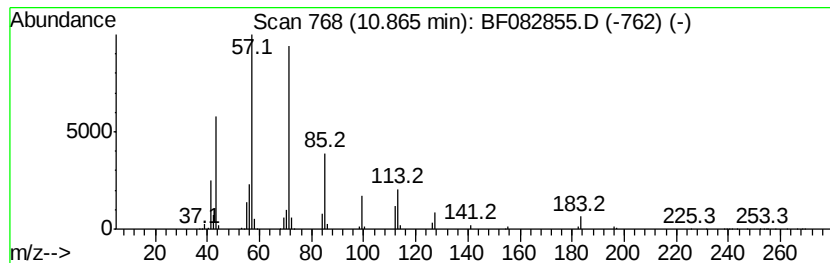
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	41.49 ng	24619400	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	52
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
Data File : BF082855.D
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Sample : G4155-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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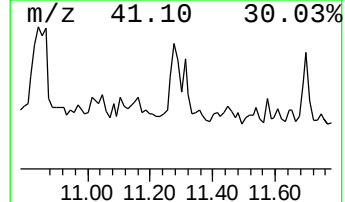
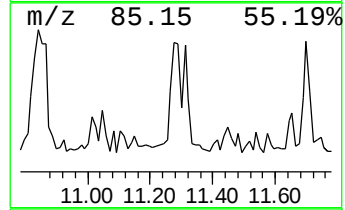
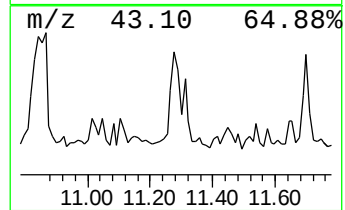
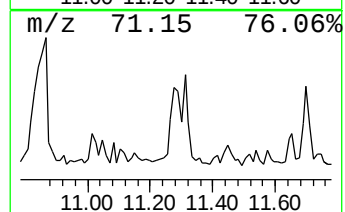
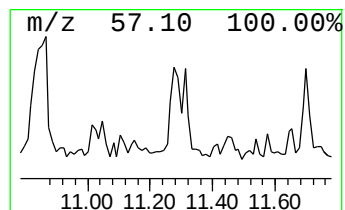
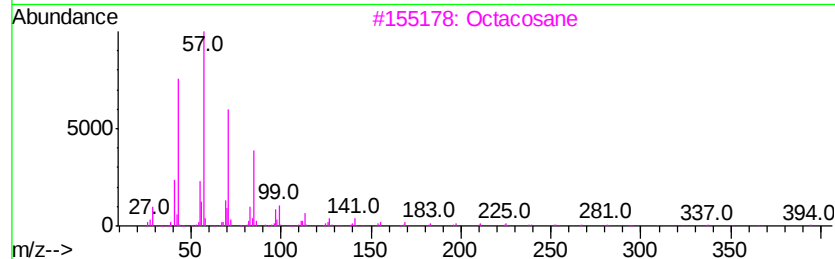
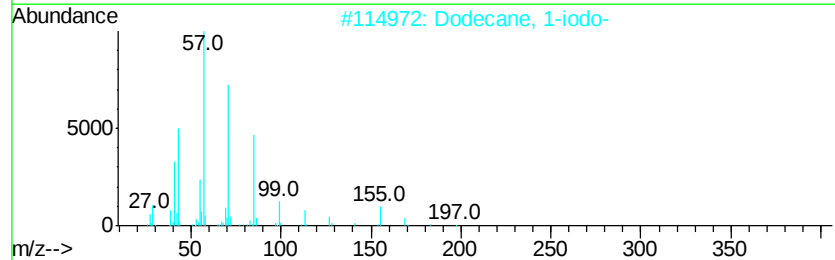
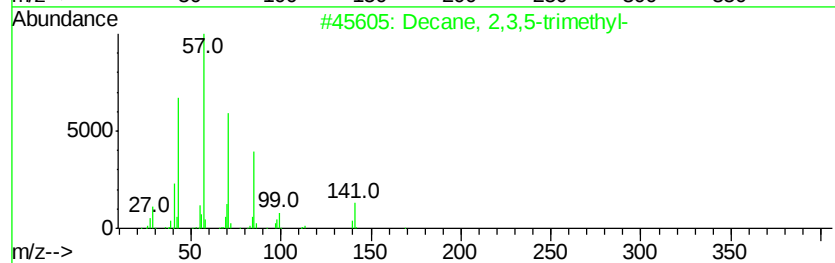
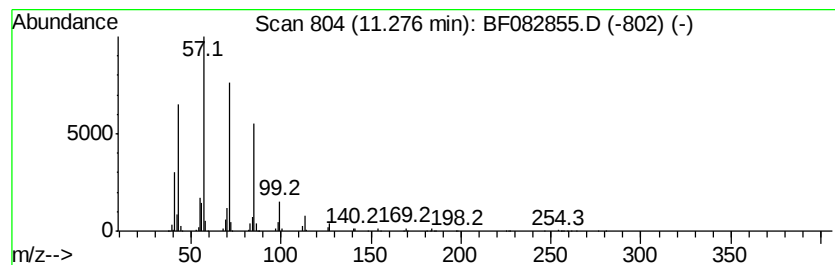
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane, 2,3,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	20.00 ng	11868900	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3		Octacosane	394	C28H58	000630-02-4	83
4		Pentadecane	212	C15H32	000629-62-9	80
5		Tetradecane	198	C14H30	000629-59-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
Data File : BF082855.D
Acq On : 10 Nov 2015 5:42
Operator : UM/IZ
Sample : G4155-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GP3-16-16.5

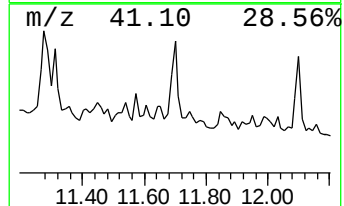
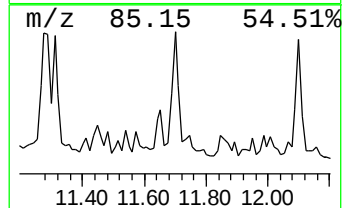
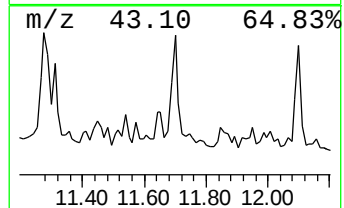
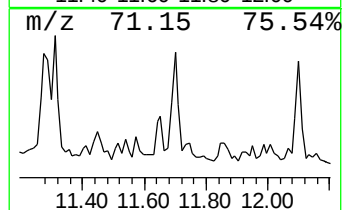
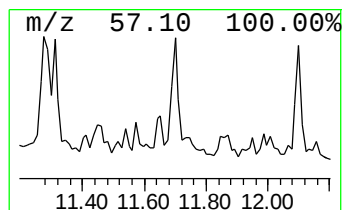
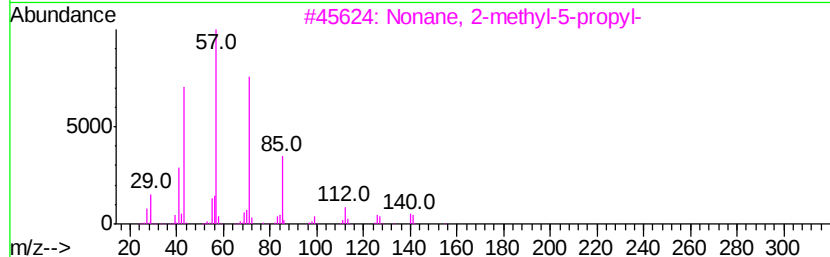
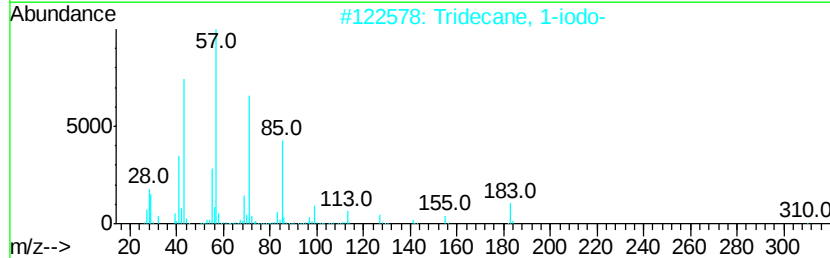
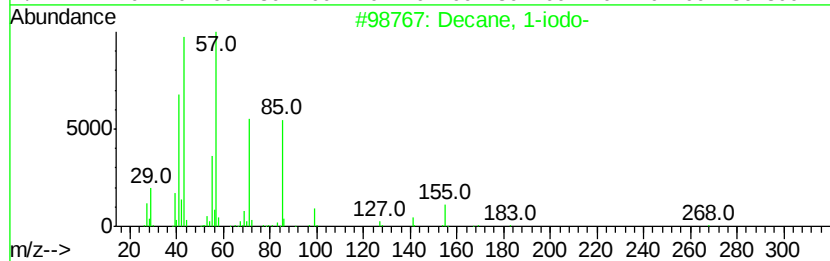
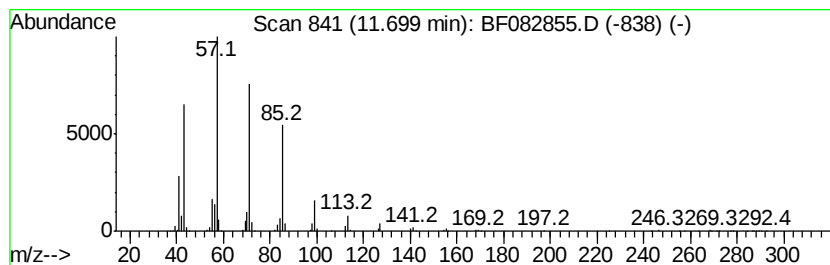
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	18.15 ng	10773200	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	83
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
5		Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082855.D
Acq On : 10 Nov 2015 5:42
Operator : UM/IZ
Sample : G4155-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GP3-16-16.5

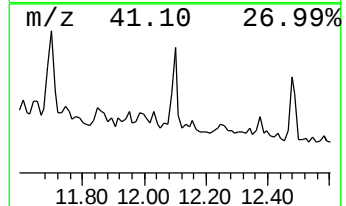
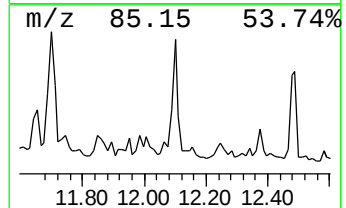
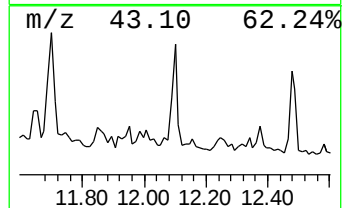
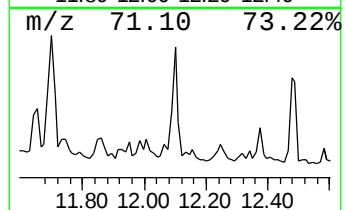
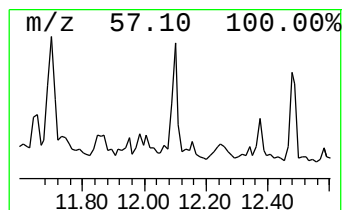
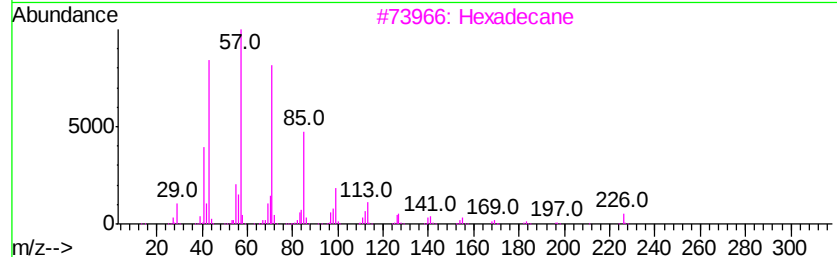
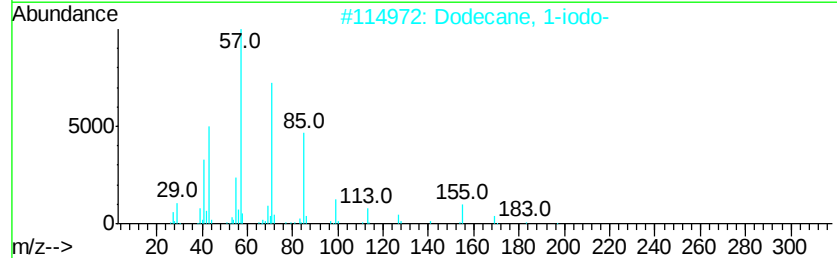
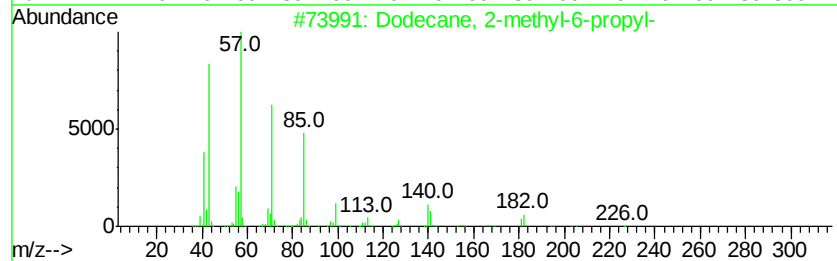
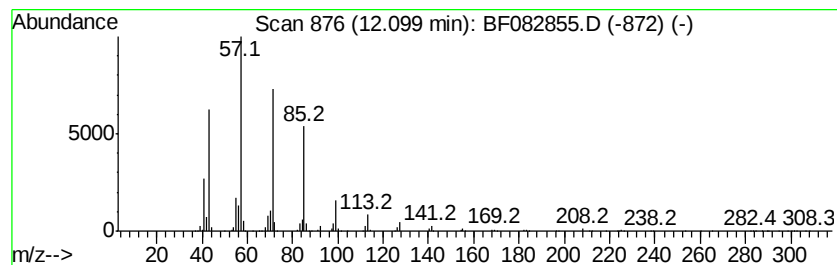
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	20.90 ng	12402000	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3		Hexadecane	226	C16H34	000544-76-3	83
4		Heptadecane	240	C17H36	000629-78-7	83
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
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Sample : G4155-01
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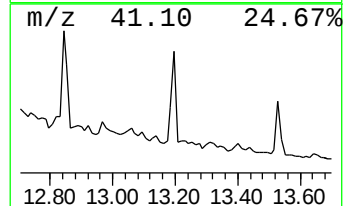
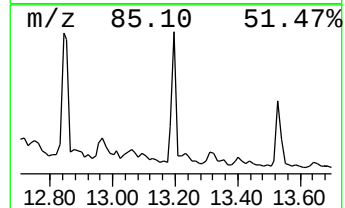
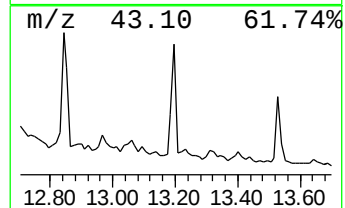
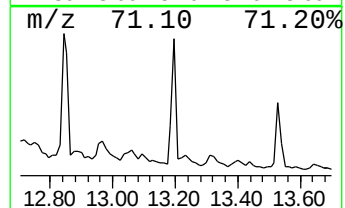
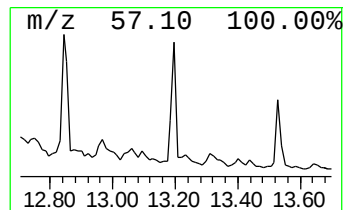
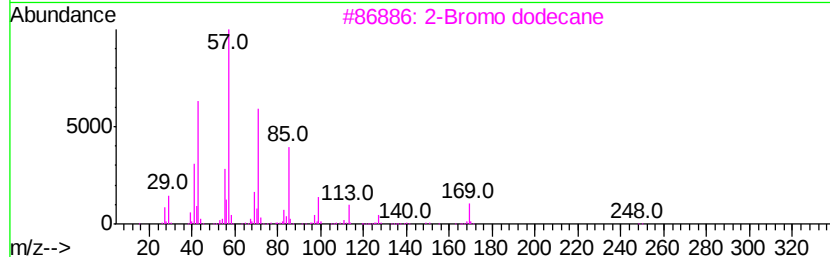
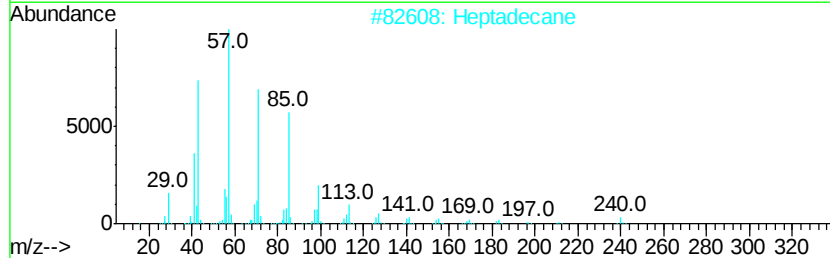
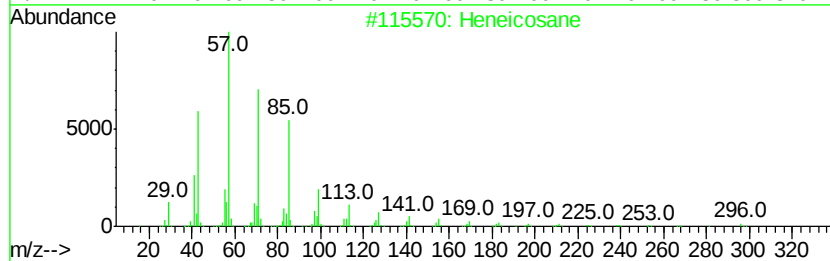
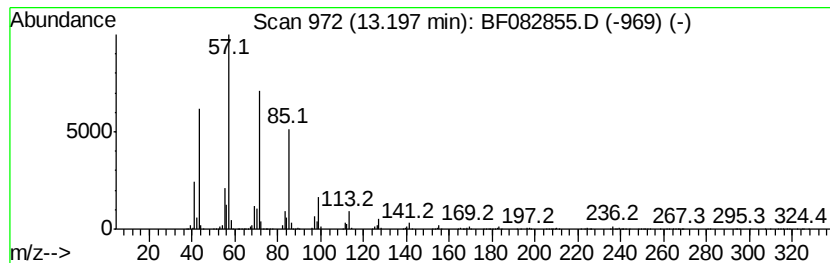
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	70.74 ng	5854330	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	Heptadecane	240 C17H36	000629-78-7	90
3	2-Bromo dodecane	248 C12H25Br	013187-99-0	90
4	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	90
5	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
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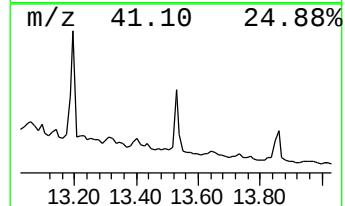
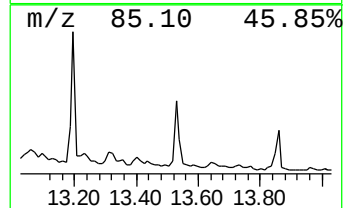
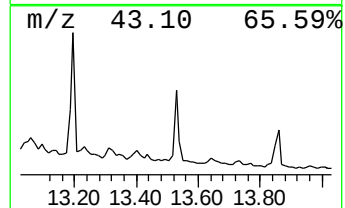
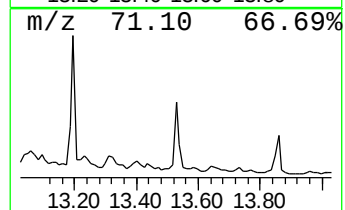
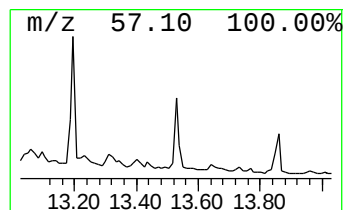
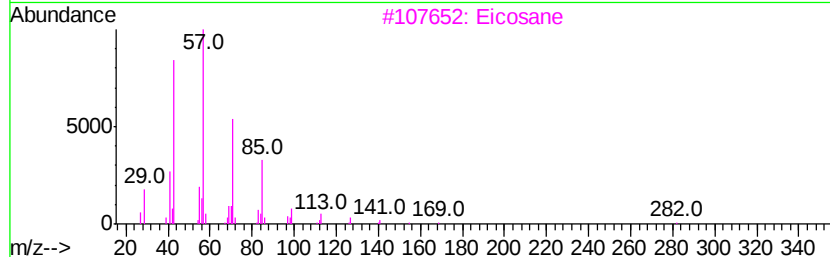
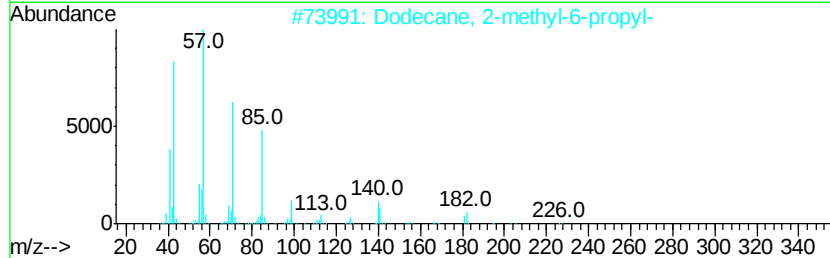
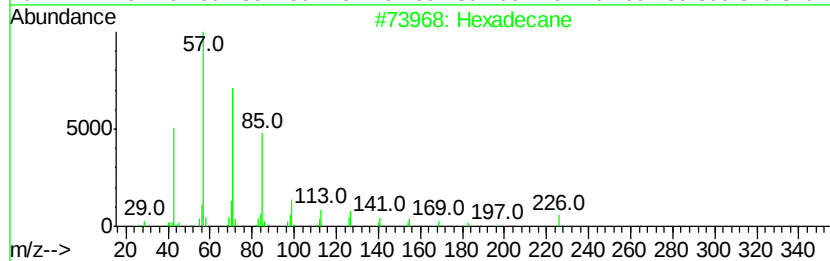
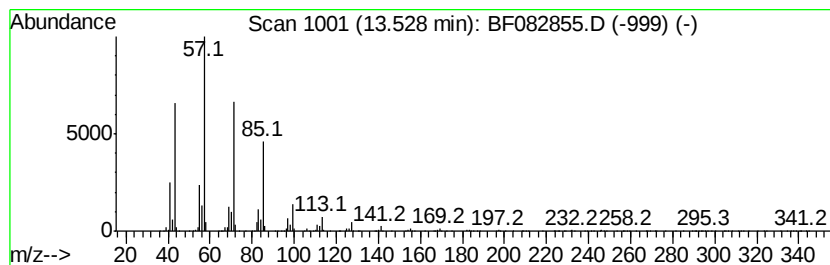
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	40.52 ng	3353160	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
Data File : BF082855.D
Acq On : 10 Nov 2015 5:42
Operator : UM/IZ
Sample : G4155-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP3-16-16.5

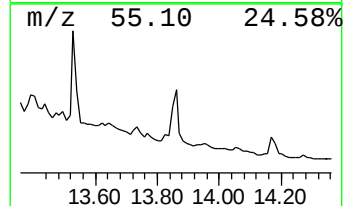
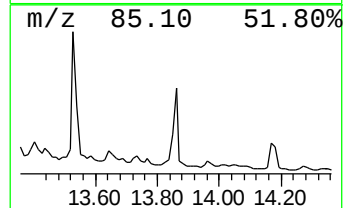
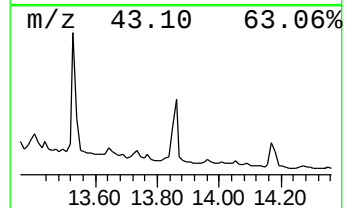
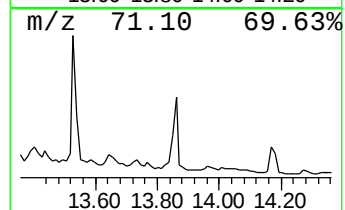
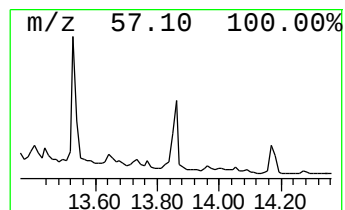
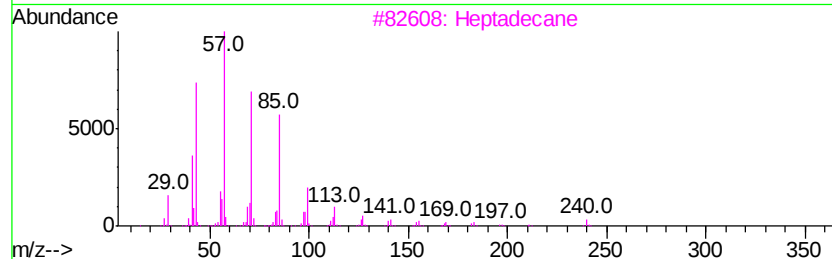
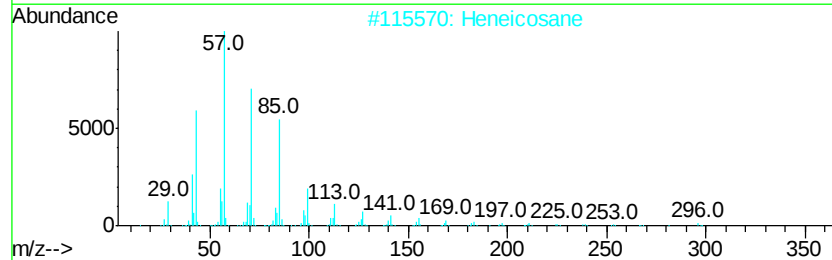
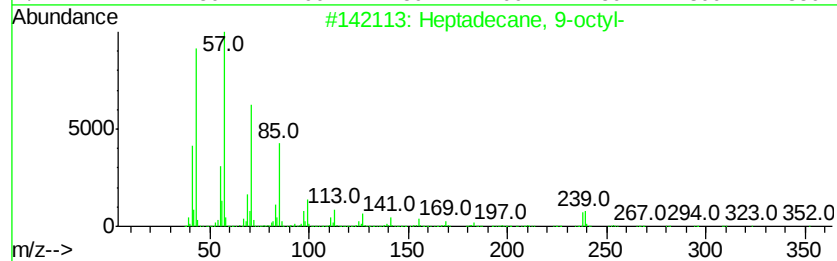
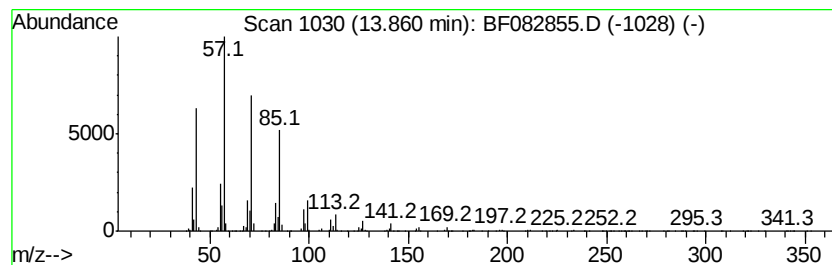
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 9-octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	32.15 ng	2660900	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane	240	C17H36	000629-78-7	86
4		Nonadecane	268	C19H40	000629-92-5	86
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
 Data File : BF082855.D
 Acq On : 10 Nov 2015 5:42
 Operator : UM/IZ
 Sample : G4155-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP3-16-16.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	43.7	ng	4417050	1	6.83	2021890	20.0
unknown6.60	6.60	80.3	ng	8115780	1	6.83	2021890	20.0
5-Undecene	7.12	19.6	ng	1985560	1	6.83	2021890	20.0
Naphthalene, deca...	7.23	19.5	ng	1970120	1	6.83	2021890	20.0
trans-Decalin, 2-...	7.78	20.7	ng	9714390	2	8.12	9378420	20.0
unknown8.22	8.22	20.2	ng	9465010	2	8.12	9378420	20.0
Octane, 2,3,7-tri...	8.59	31.9	ng	14974600	2	8.12	9378420	20.0
Tridecane	8.76	20.2	ng	9485310	2	8.12	9378420	20.0
unknown9.04	9.04	27.4	ng	8277840	3	9.90	6041080	20.0
Tetradecane	9.33	67.5	ng	20373000	3	9.90	6041080	20.0
Dodecane, 1-iodo-	10.36	29.4	ng	8873490	3	9.90	6041080	20.0
Pentadecane, 2,6,...	10.87	41.5	ng	24619400	4	11.39	11868900	20.0
Decane, 2,3,5-tri...	11.28	20.0	ng	11868900	4	11.39	11868900	20.0
Decane, 1-iodo-	11.70	18.1	ng	10773200	4	11.39	11868900	20.0
Dodecane, 2-methy...	12.10	20.9	ng	12402000	4	11.39	11868900	20.0
Heneicosane	13.20	70.7	ng	5854330	5	14.00	1655120	20.0
Hexadecane	13.53	40.5	ng	3353160	5	14.00	1655120	20.0
Heptadecane, 9-oc...	13.86	32.1	ng	2660900	5	14.00	1655120	20.0