

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079135.D
 Acq On : 12 May 2015 2:22
 Operator : TP/IZ
 Sample : G2146-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

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-BF043015.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	1.575	31	34	37	rVB	404304	536461	19.63%	2.136%
2	1.747	46	49	52	rBV	704427	909569	33.28%	3.622%
3	1.861	57	59	86	rVB	1558688	2732858	100.00%	10.883%
4	5.096	336	342	345	rBV	23527	35574	1.30%	0.142%
5	5.599	384	386	389	rVB	642458	664155	24.30%	2.645%
6	6.273	441	445	448	rVB	31896	35885	1.31%	0.143%
7	6.856	494	496	499	rBV	455481	440870	16.13%	1.756%
8	7.004	507	509	512	rBV	1134016	1337645	48.95%	5.327%
9	7.244	525	530	532	rBV2	46858	68738	2.52%	0.274%
10	7.302	532	535	537	rBV	248121	354048	12.96%	1.410%
11	7.484	548	551	553	rBV	1458183	1436841	52.58%	5.722%
12	7.610	559	562	564	rBV	58519	52239	1.91%	0.208%
13	7.702	568	570	575	rBV3	26395	60712	2.22%	0.242%
14	7.987	593	595	599	rVB	1272791	1196756	43.79%	4.766%
15	8.102	602	605	607	rVB3	25894	33667	1.23%	0.134%
16	8.250	616	618	620	rVB	61204	51499	1.88%	0.205%
17	8.479	634	638	642	rVB4	31881	91851	3.36%	0.366%
18	8.559	642	645	647	rBV2	41822	66205	2.42%	0.264%
19	8.673	651	655	658	rBV4	10164	28342	1.04%	0.113%
20	8.765	661	663	665	rBV2	20512	43019	1.57%	0.171%
21	8.867	670	672	674	rVV	466604	581251	21.27%	2.315%
22	8.902	674	675	677	rVV2	47672	67609	2.47%	0.269%
23	8.936	677	678	681	rVV	53244	65151	2.38%	0.259%
24	8.982	681	682	686	rVB4	26328	35924	1.31%	0.143%
25	9.039	686	687	689	rVB2	27651	31323	1.15%	0.125%
26	9.119	692	694	697	rVV2	68716	85174	3.12%	0.339%
27	9.176	697	699	701	rVV	55451	67717	2.48%	0.270%
28	9.210	701	702	705	rVV2	19723	30419	1.11%	0.121%
29	9.359	710	715	717	rVB2	52724	91072	3.33%	0.363%
30	9.462	718	724	726	rBV3	80049	119194	4.36%	0.475%
31	9.576	732	734	736	rBV2	44300	48998	1.79%	0.195%
32	9.656	739	741	743	rBV2	19992	32593	1.19%	0.130%
33	9.702	743	745	747	rVB	60037	71295	2.61%	0.284%
34	9.736	747	748	751	rBV3	17123	39138	1.43%	0.156%

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35	9.885	758	761	762 rBV	236118	328410	12.02%	1.308%
36	10.045	774	775	777 rBV	20005	33666	1.23%	0.134%
37	10.079	777	778	781 rVB2	38791	41700	1.53%	0.166%
38	10.125	781	782	784 rBV2	23582	29329	1.07%	0.117%
39	10.216	788	790	793 rBV	2161628	2189822	80.13%	8.721%
40	10.410	805	807	808 rBV	19678	35909	1.31%	0.143%
41	10.433	808	809	811 rVV2	38226	75773	2.77%	0.302%
42	10.468	811	812	814 rVB	73360	55620	2.04%	0.222%
43	10.548	816	819	821 rBV2	117310	213869	7.83%	0.852%
44	10.582	821	822	824 rBV2	21251	36962	1.35%	0.147%
45	10.628	824	826	828 rVV	286351	355293	13.00%	1.415%
46	10.662	828	829	833 rVB2	72147	90088	3.30%	0.359%
47	10.730	833	835	837 rBV3	41341	93648	3.43%	0.373%
48	10.776	837	839	846 rVB	131403	235342	8.61%	0.937%
49	10.879	846	848	850 rBV	88196	94448	3.46%	0.376%
50	10.936	850	853	856 rVB5	20583	40363	1.48%	0.161%
51	11.051	860	863	865 rBV	683007	717547	26.26%	2.858%
52	11.085	865	866	869 rVV3	56454	92425	3.38%	0.368%
53	11.188	873	875	878 rVB	39786	63983	2.34%	0.255%
54	11.256	878	881	883 rBV3	39758	102216	3.74%	0.407%
55	11.313	883	886	888 rVV3	81670	164098	6.00%	0.654%
56	11.359	888	890	891 rVV	67275	56349	2.06%	0.224%
57	11.393	891	893	896 rVV3	45387	92252	3.38%	0.367%
58	11.451	896	898	900 rVV3	114812	148250	5.42%	0.590%
59	11.508	900	903	905 rVV3	125098	197547	7.23%	0.787%
60	11.565	906	908	909 rVV	44441	74555	2.73%	0.297%
61	11.588	909	910	913 rVB3	87134	93859	3.43%	0.374%
62	11.668	915	917	921 rVB5	39396	69158	2.53%	0.275%
63	11.725	921	922	924 rBV	88979	112322	4.11%	0.447%
64	11.771	924	926	927 rVV	32357	43949	1.61%	0.175%
65	11.816	927	930	934 rVB2	68264	126811	4.64%	0.505%
66	11.896	934	937	939 rBV4	52666	101297	3.71%	0.403%
67	11.976	939	944	946 rVV3	86470	233377	8.54%	0.929%
68	12.033	946	949	951 rVV	1426956	1579865	57.81%	6.292%
69	12.125	955	957	958 rVB	25558	28506	1.04%	0.114%
70	12.194	961	963	964 rBV2	24765	31672	1.16%	0.126%
71	12.228	964	966	968 rVB3	31535	42146	1.54%	0.168%

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72	12.399	979	981	984	rBV2	24787	50412	1.84%	0.201%
73	12.445	984	985	987	rBV2	42458	62188	2.28%	0.248%
74	12.891	1022	1024	1026	rBV2	539246	598016	21.88%	2.382%
75	13.039	1035	1037	1039	rBV	35244	43638	1.60%	0.174%
76	13.222	1051	1053	1056	rBV2	41086	62377	2.28%	0.248%
77	13.622	1085	1088	1090	rBV	165334	260965	9.55%	1.039%
78	14.114	1129	1131	1133	rBV	32172	38365	1.40%	0.153%
79	14.159	1133	1135	1137	rVB	43177	47885	1.75%	0.191%
80	14.594	1171	1173	1176	rBV2	56615	95166	3.48%	0.379%
81	14.891	1196	1199	1202	rBV	2356537	2533607	92.71%	10.090%
82	16.068	1300	1302	1306	rBV	96460	143706	5.26%	0.572%
83	16.182	1310	1312	1314	rVV	663488	697004	25.50%	2.776%
84	16.217	1314	1315	1318	rVB	23208	33684	1.23%	0.134%
85	16.800	1364	1366	1369	rBV2	30093	50669	1.85%	0.202%
86	17.863	1456	1459	1462	rBV	596310	726583	26.59%	2.894%

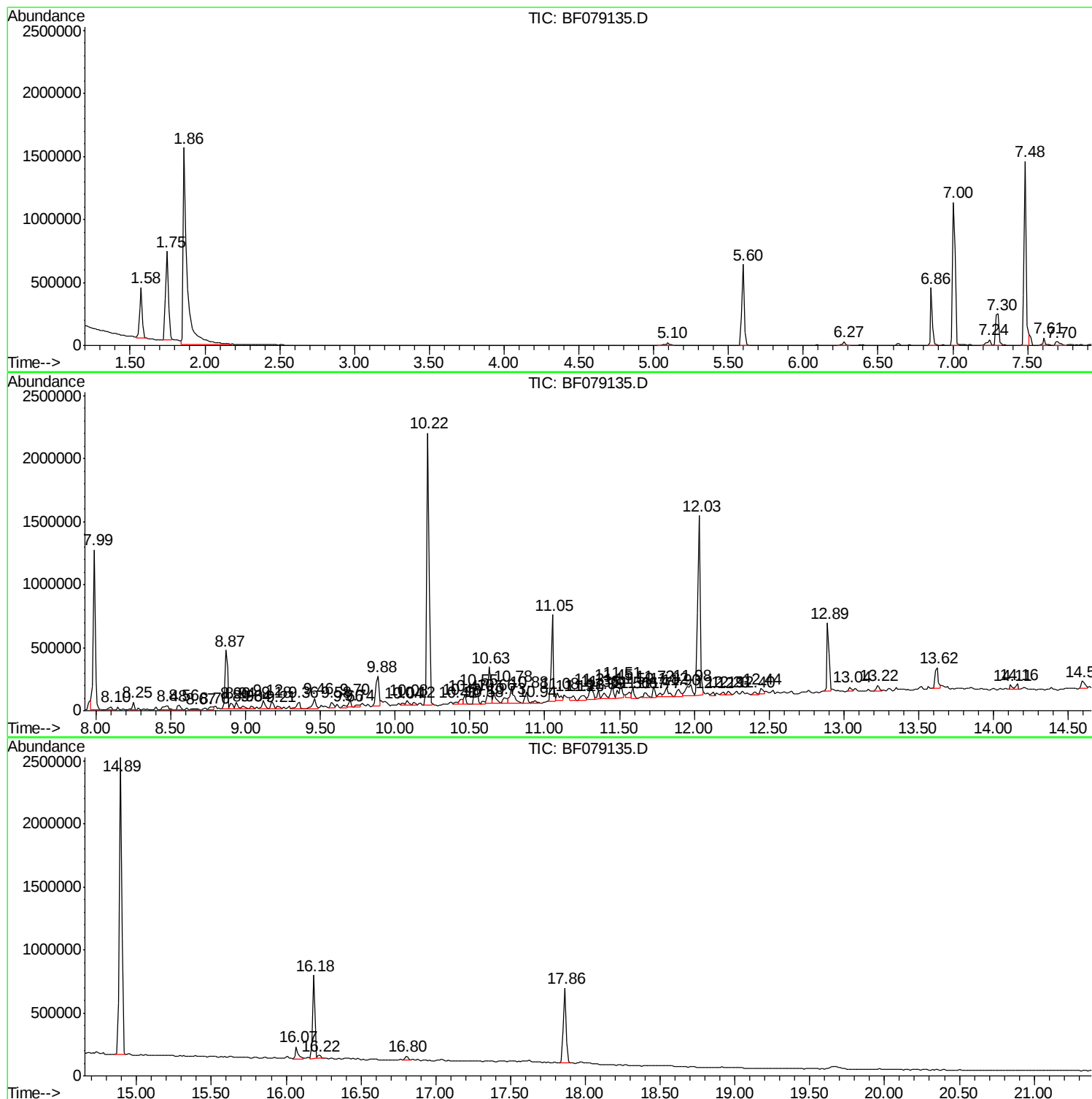
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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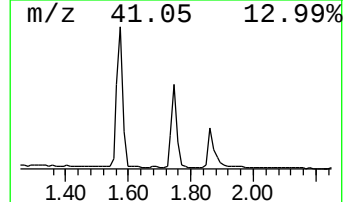
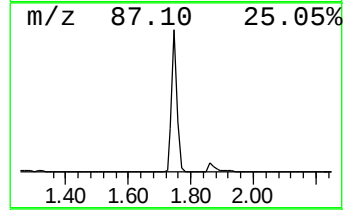
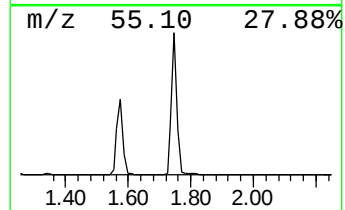
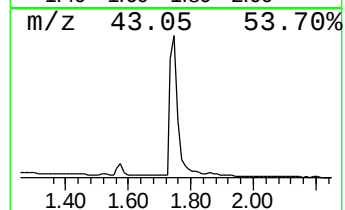
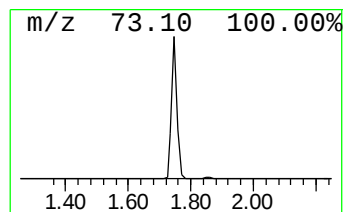
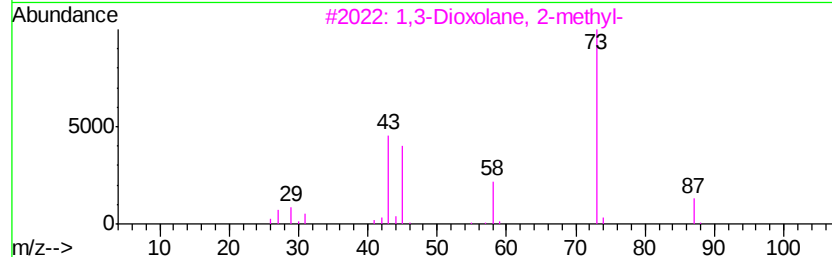
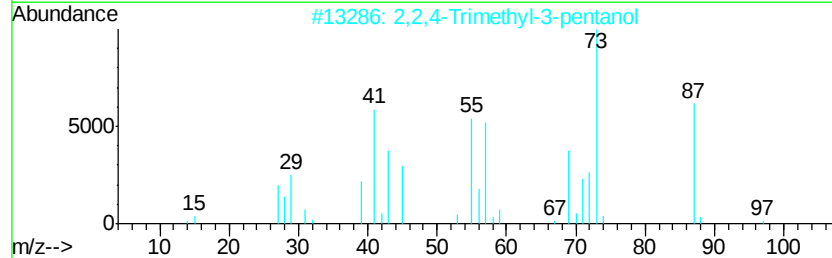
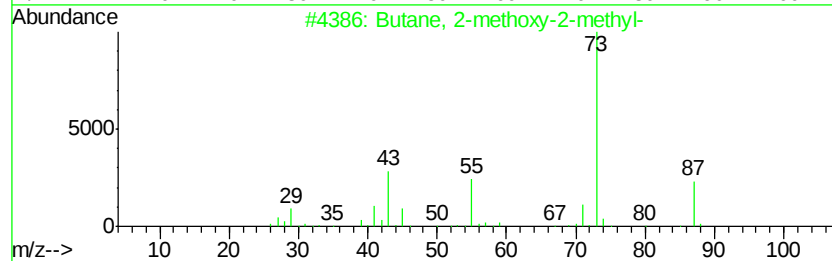
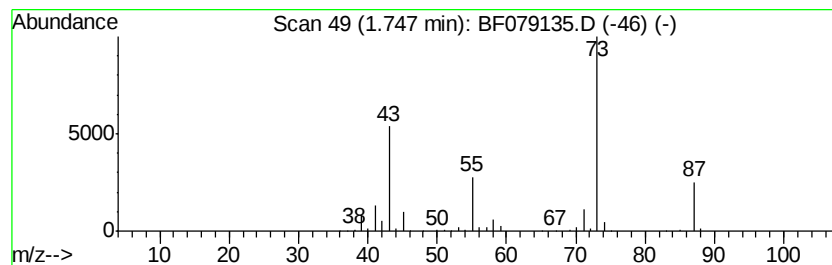
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	51.38 ng	909569	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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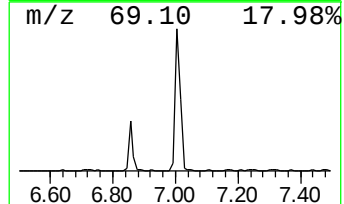
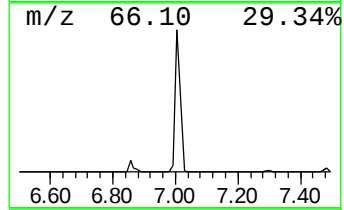
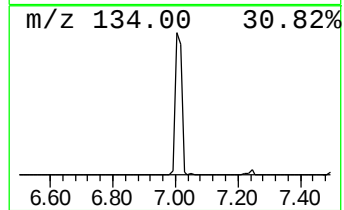
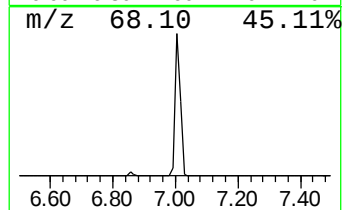
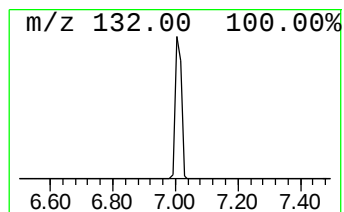
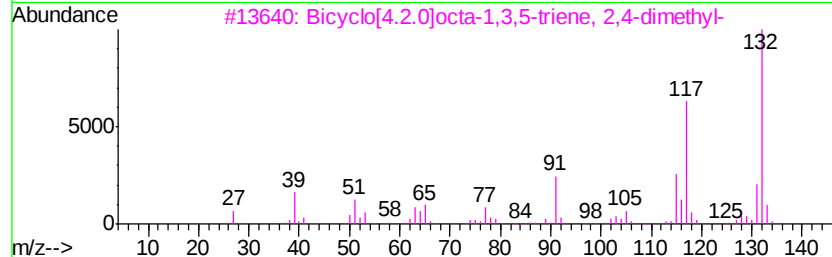
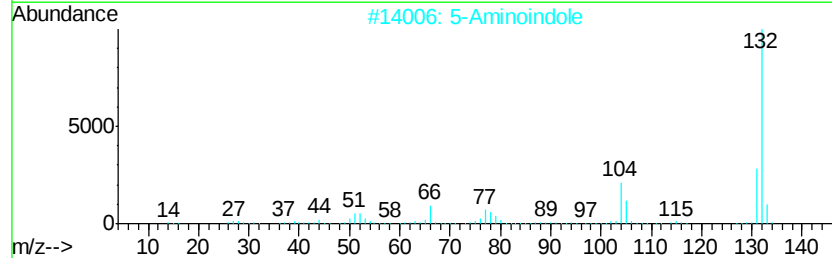
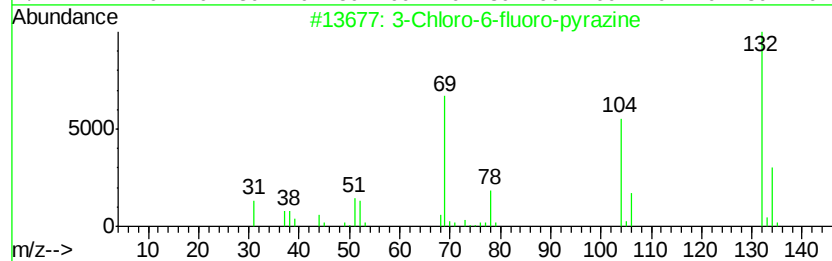
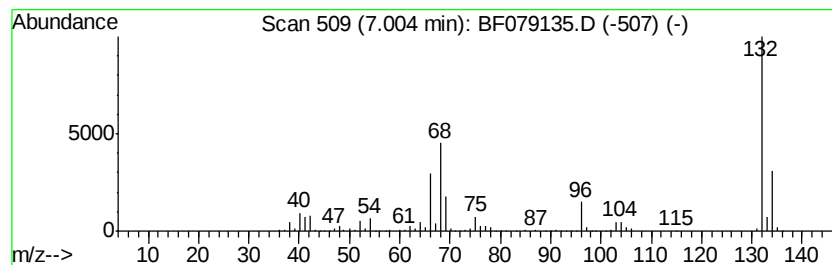
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.00 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	75.56 ng	1337650	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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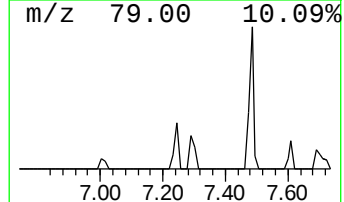
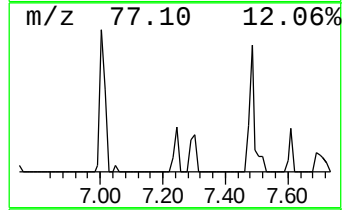
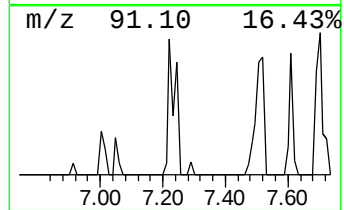
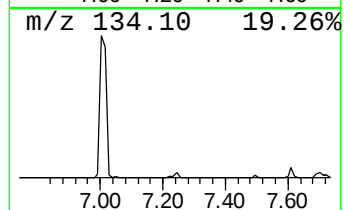
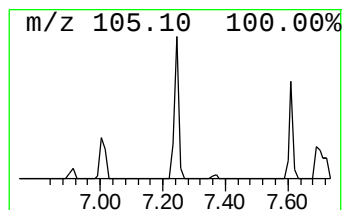
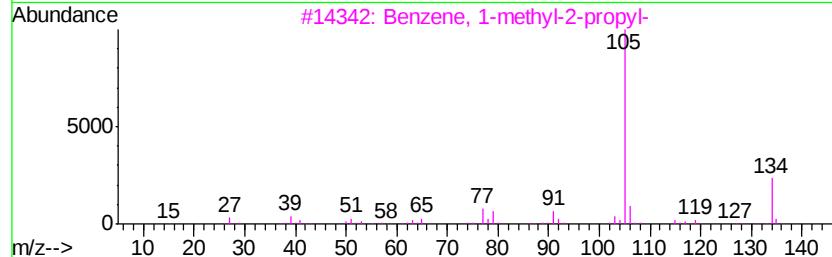
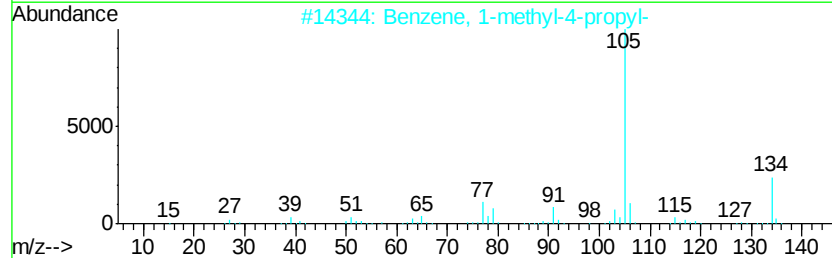
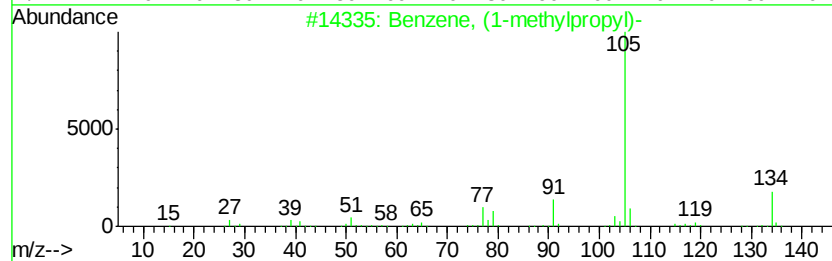
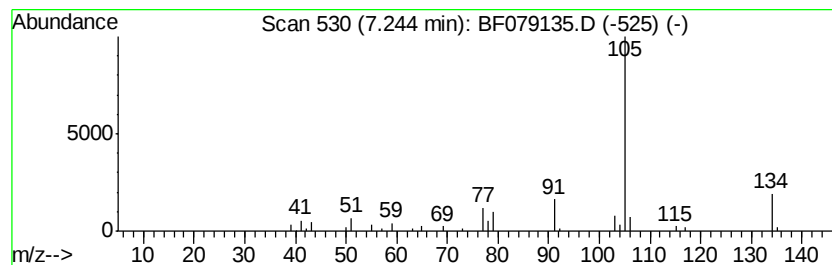
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, (1-methylpropyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	3.88 ng	68738	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86
4		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	86
5		2-Tolylloxirane	134	C9H10O	002783-26-8	64



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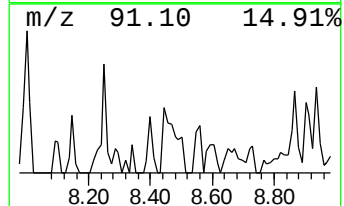
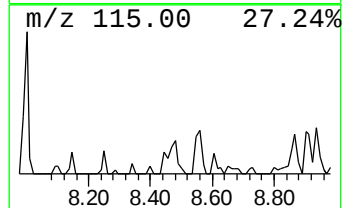
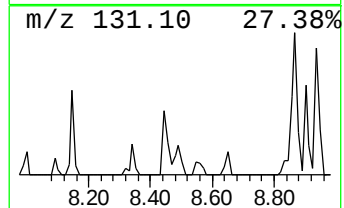
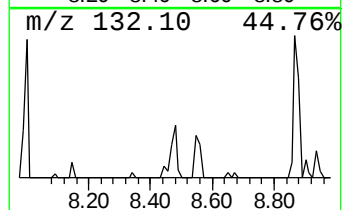
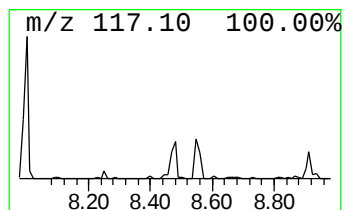
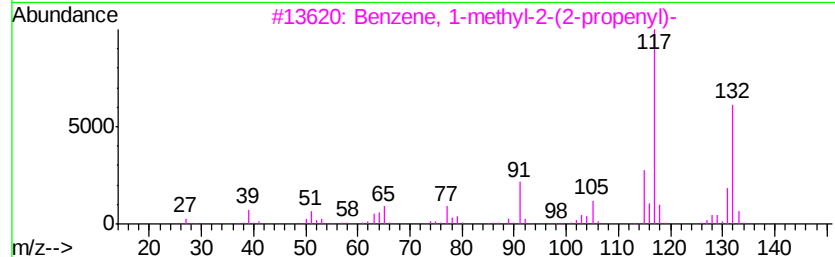
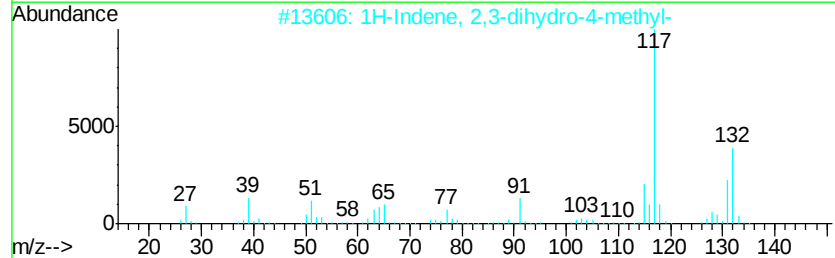
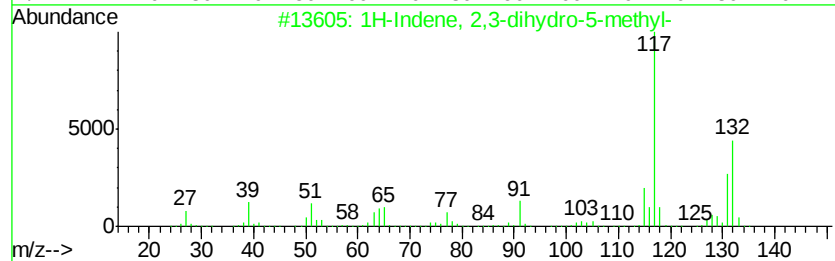
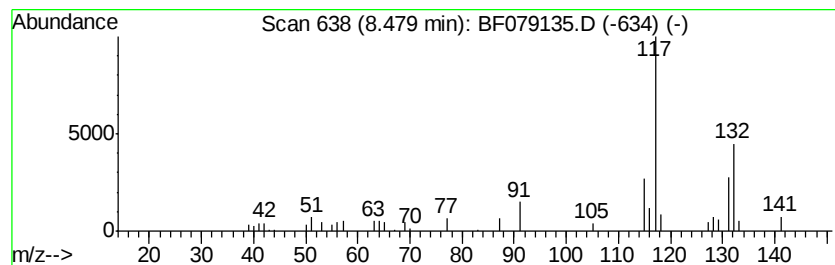
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	3.16 ng	91851	Naphthalene-d8	8.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
4			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079135.D
Acq On : 12 May 2015 2:22
Operator : TP/IZ
Sample : G2146-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7

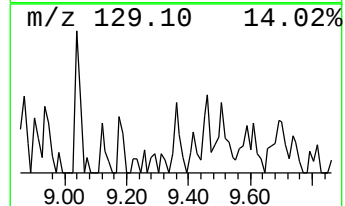
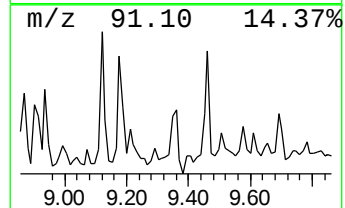
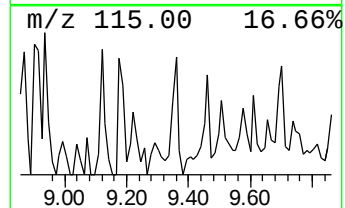
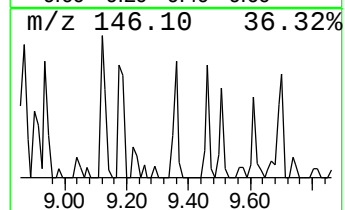
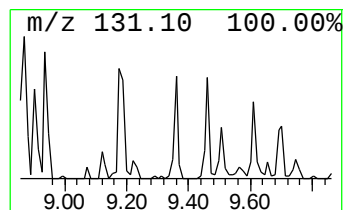
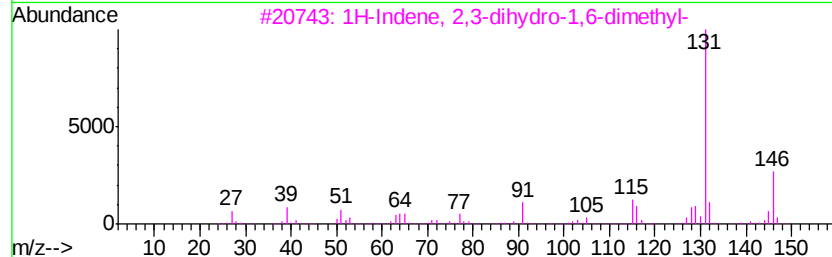
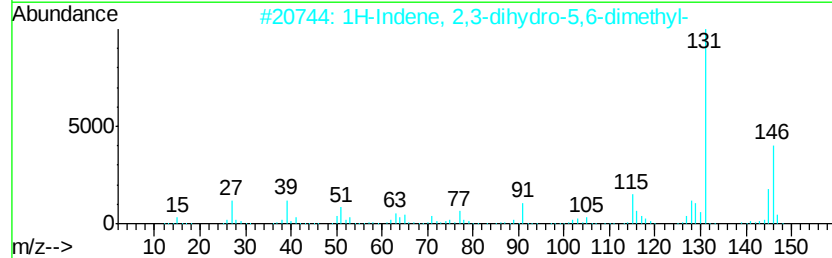
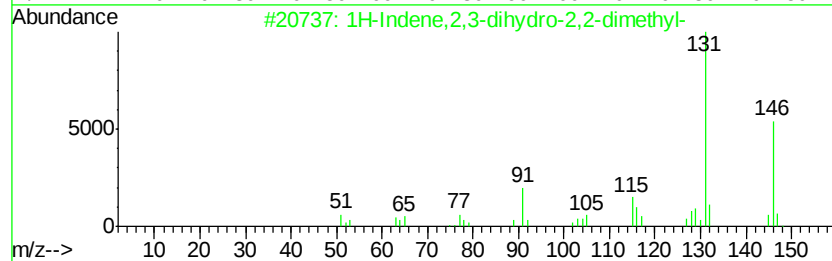
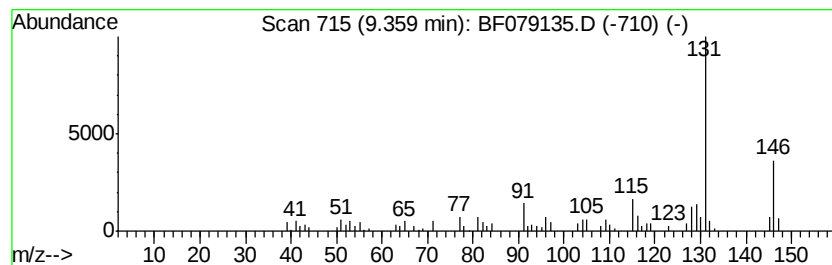
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene,2,3-dihydro-2,2-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	3.13 ng	91072	Naphthalene-d8	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	90
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	90
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4		Benzene, (3-methyl-2-butenvl)-	146	C11H14	004489-84-3	90
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079135.D
Acq On : 12 May 2015 2:22
Operator : TP/IZ
Sample : G2146-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7

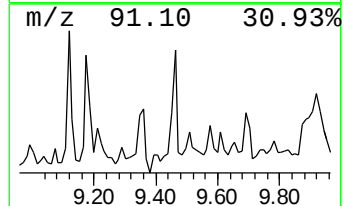
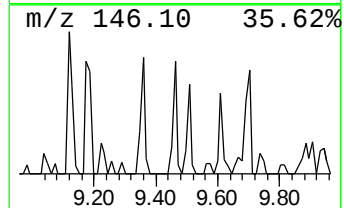
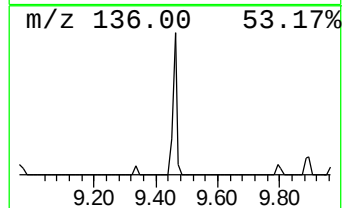
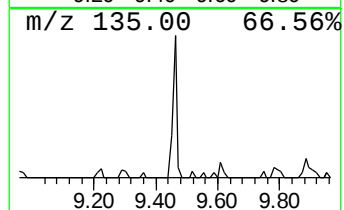
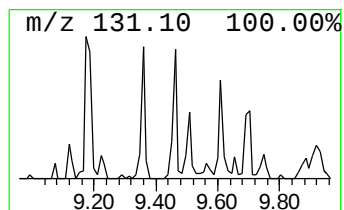
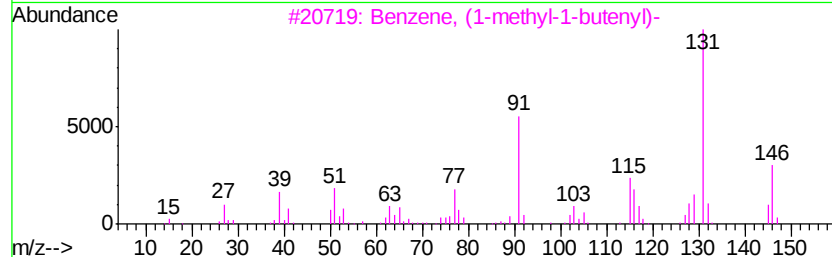
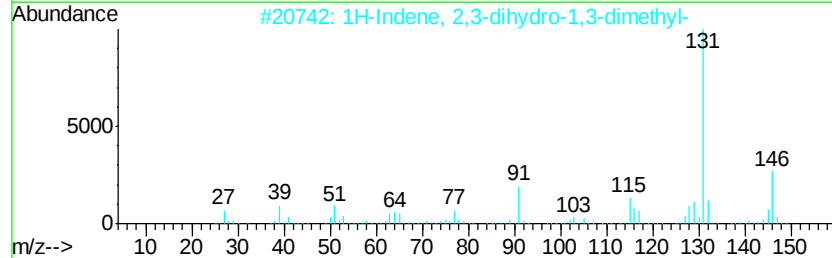
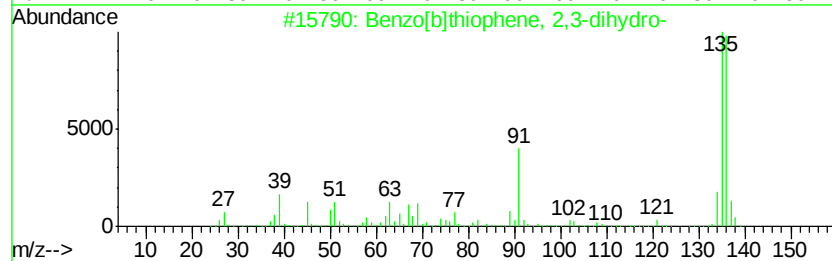
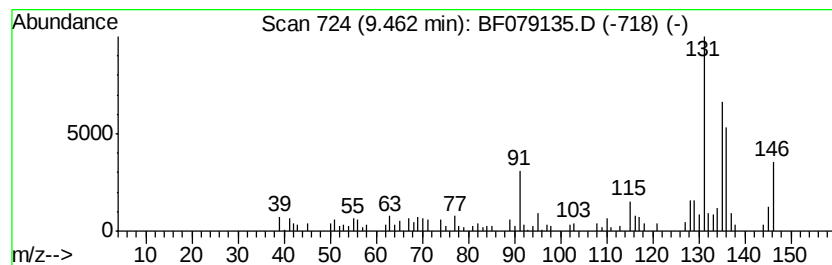
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	4.10 ng	119194	Napthalene-d8	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	78
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
4		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	46
5		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079135.D
Acq On : 12 May 2015 2:22
Operator : TP/IZ
Sample : G2146-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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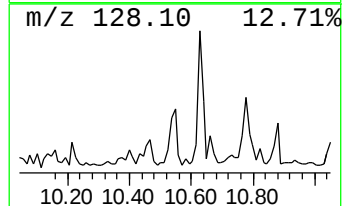
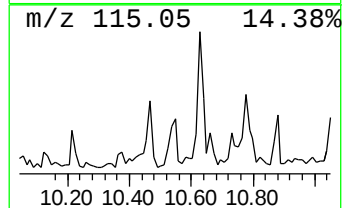
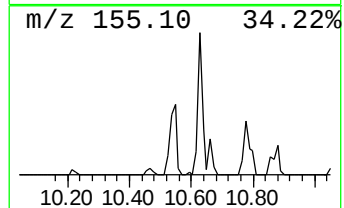
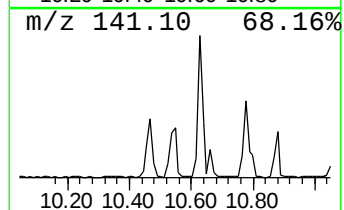
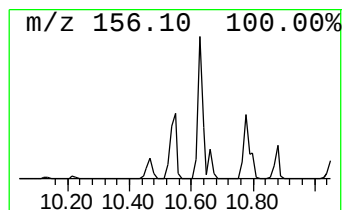
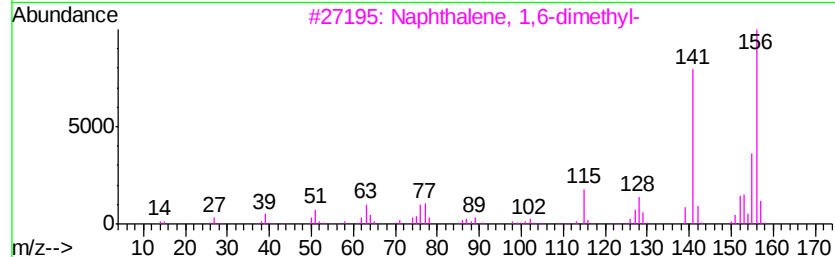
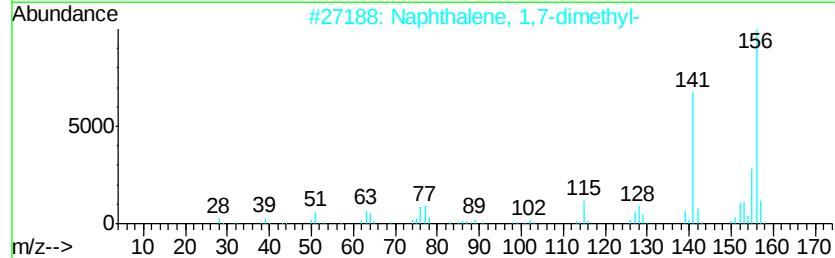
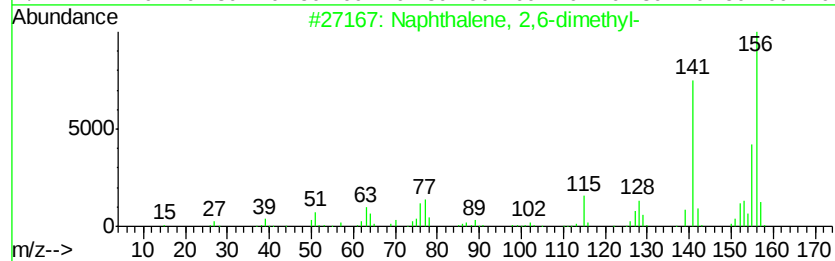
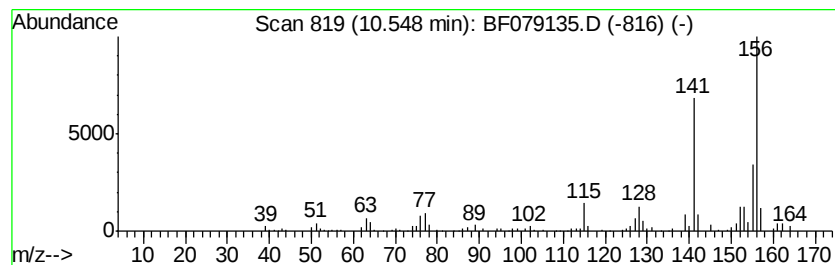
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	5.96 ng	213869	Acenaphthene-d10	11.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079135.D
Acq On : 12 May 2015 2:22
Operator : TP/IZ
Sample : G2146-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7

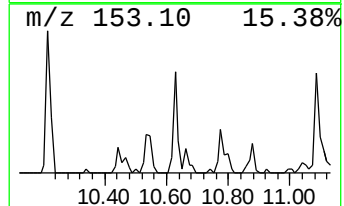
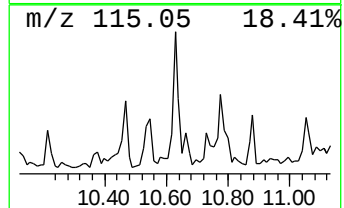
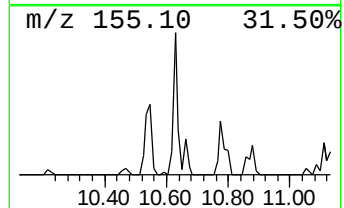
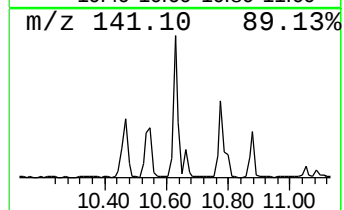
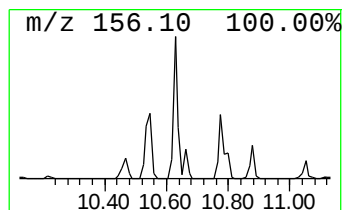
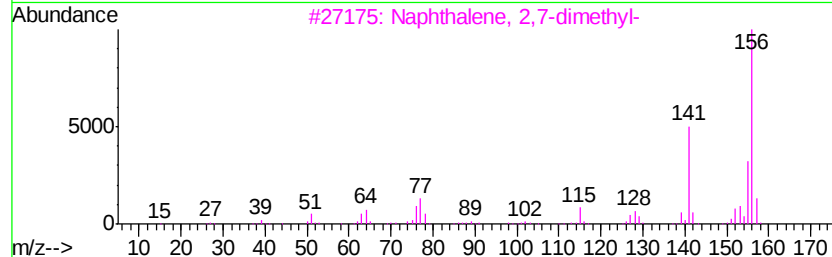
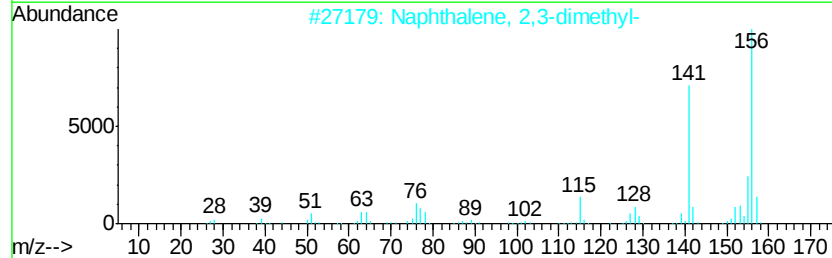
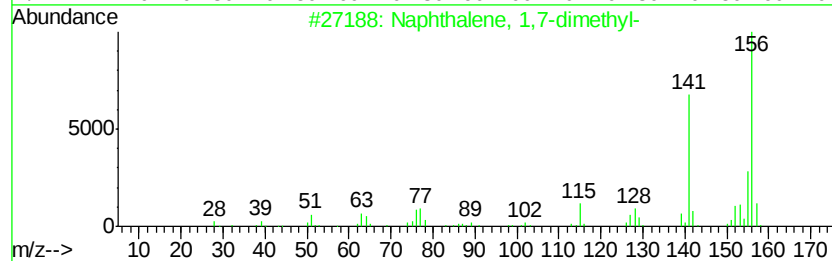
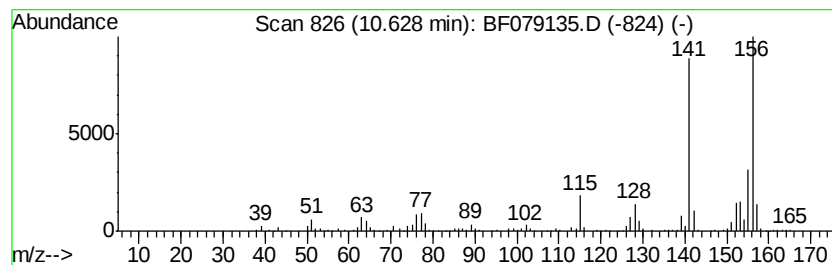
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	9.90 ng	355293	Acenaphthene-d10	11.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079135.D
Acq On : 12 May 2015 2:22
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Sample : G2146-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-7

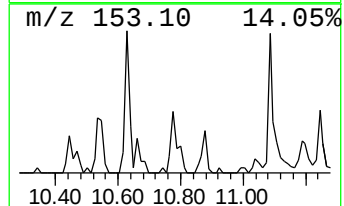
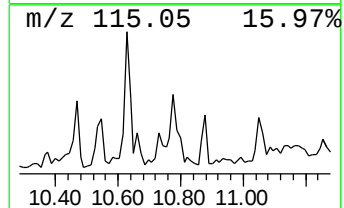
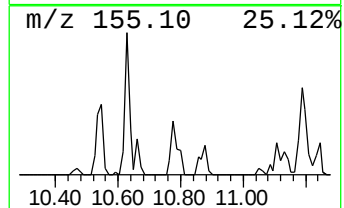
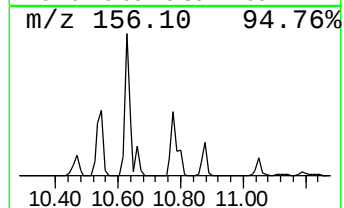
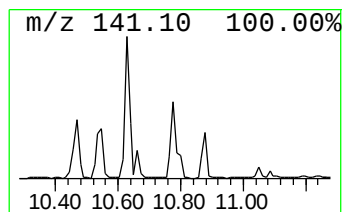
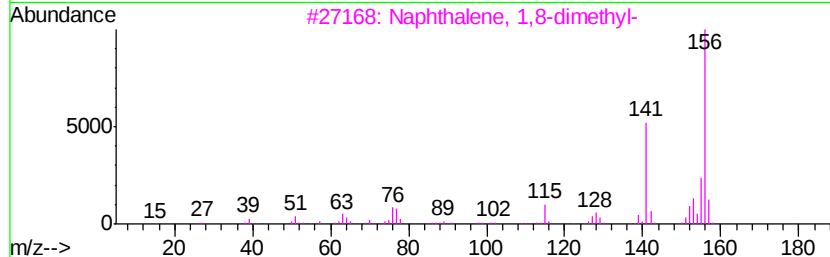
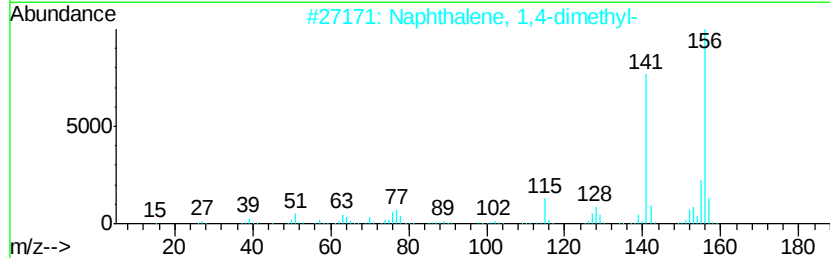
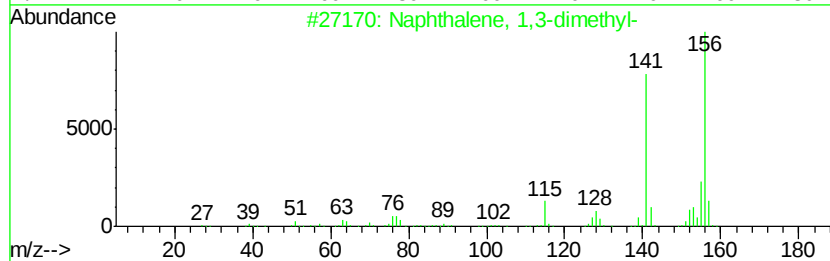
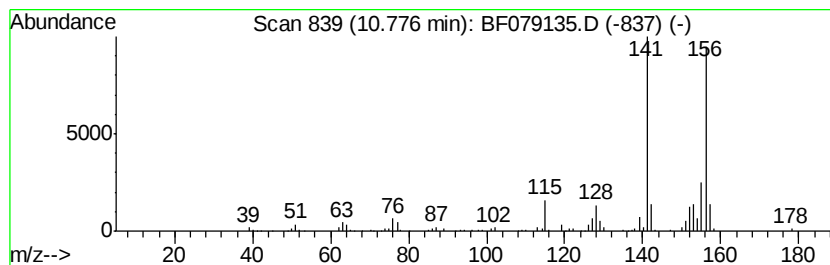
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	6.56 ng	235342	Acenaphthene-d10	11.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079135.D
Acq On : 12 May 2015 2:22
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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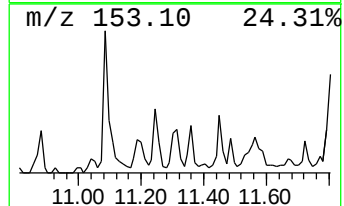
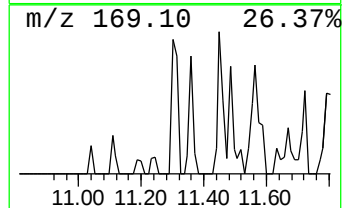
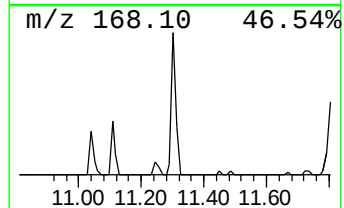
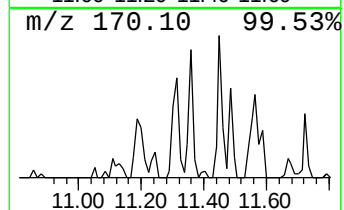
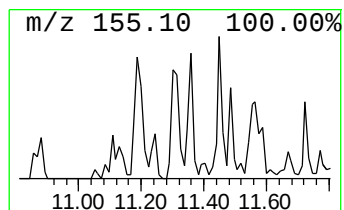
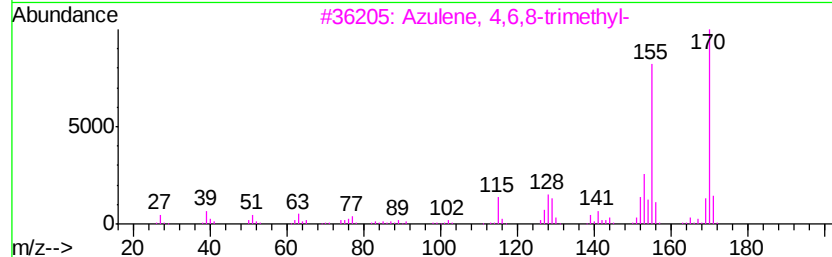
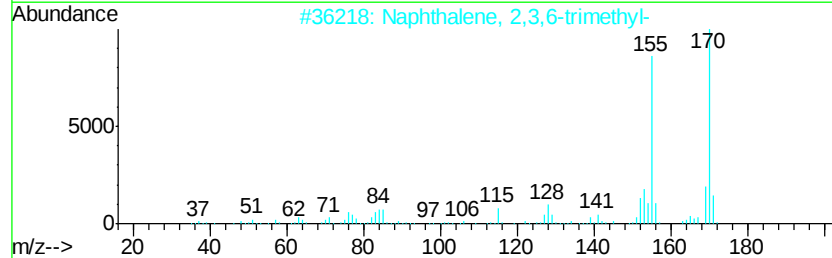
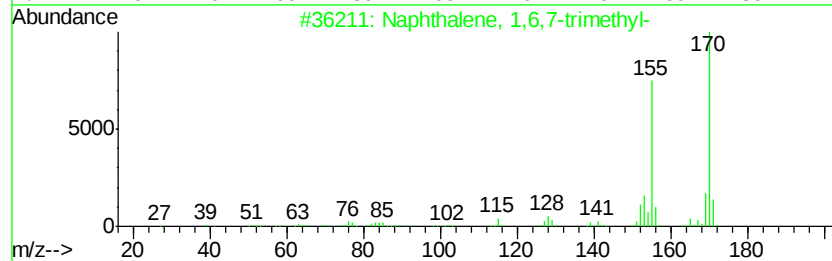
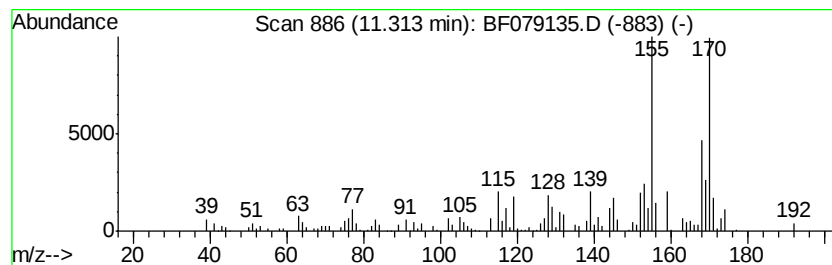
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	4.57 ng	164098	Acenaphthene-d10	11.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	92
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079135.D
Acq On : 12 May 2015 2:22
Operator : TP/IZ
Sample : G2146-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7

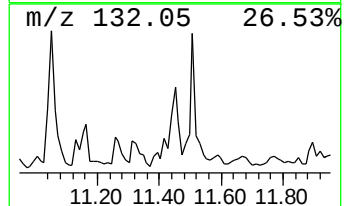
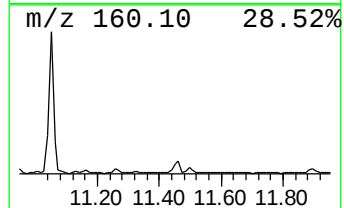
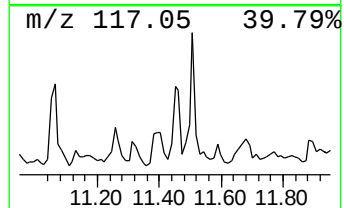
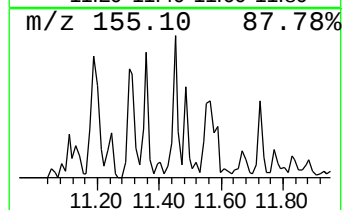
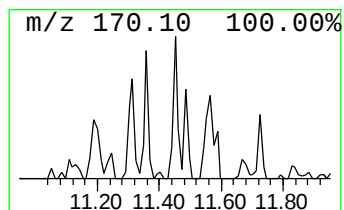
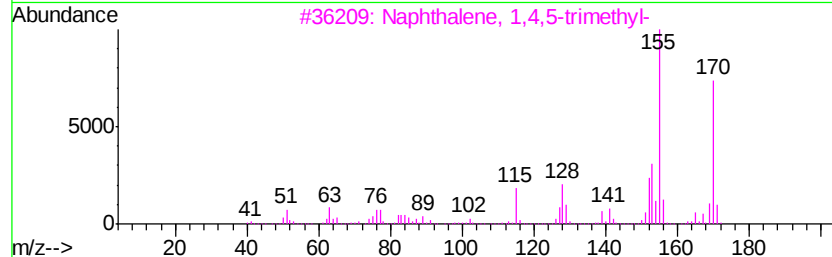
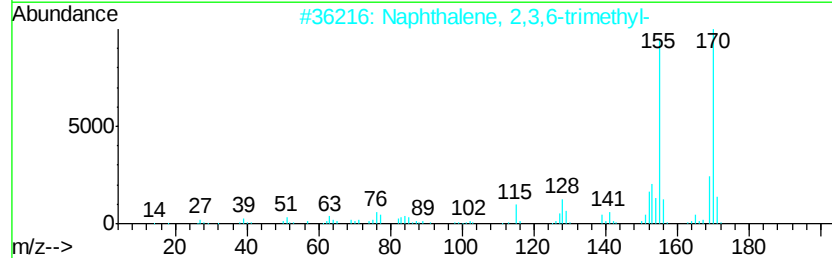
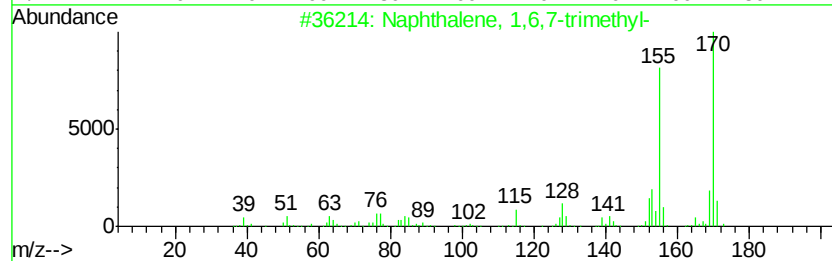
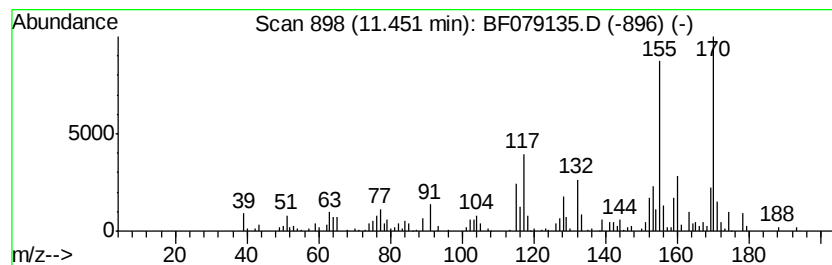
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	4.13 ng	148250	Acenaphthene-d10	11.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079135.D
Acq On : 12 May 2015 2:22
Operator : TP/IZ
Sample : G2146-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

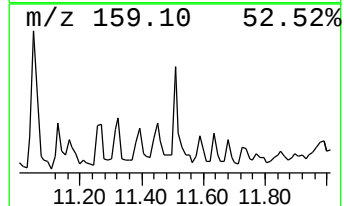
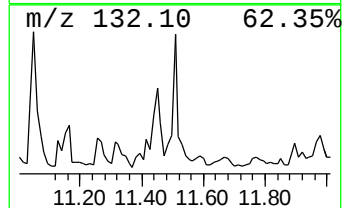
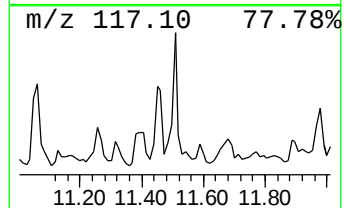
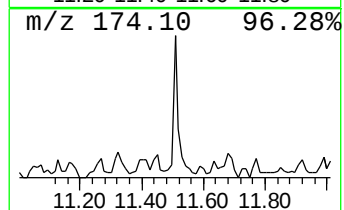
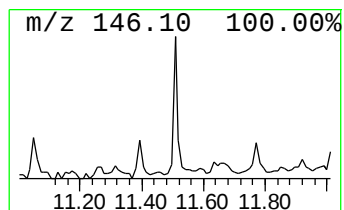
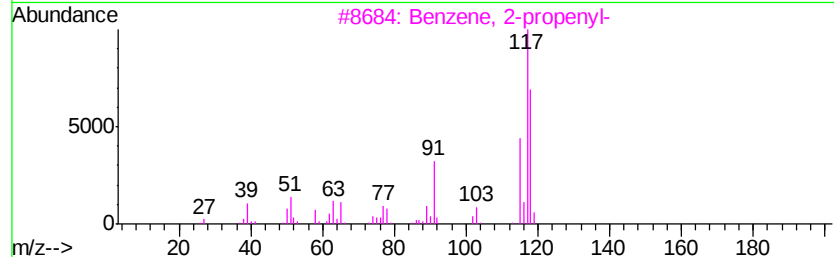
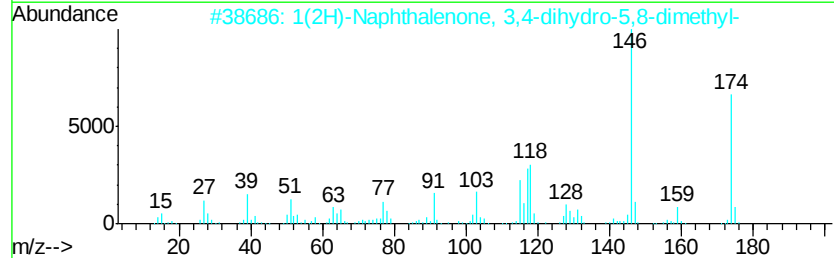
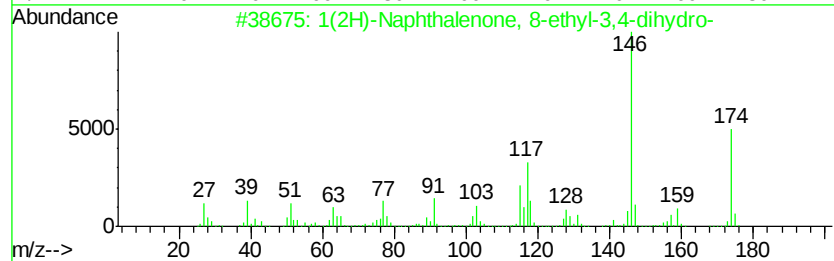
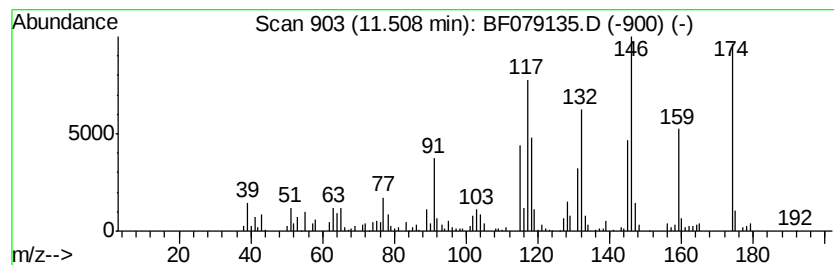
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1(2H)-Naphthalenone, 8-ethy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.51	5.51 ng	197547	Acenaphthene-d10		11.05		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1(2H)-Naphthalenone, 8-ethyl-3,4...	174	C12H14O	051015-33-9	70
2			1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	005037-63-8	64
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	56
4			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	53
5			cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079135.D
Acq On : 12 May 2015 2:22
Operator : TP/IZ
Sample : G2146-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7

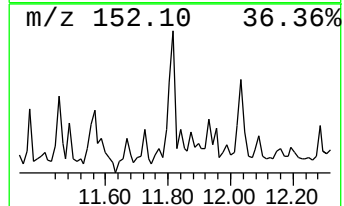
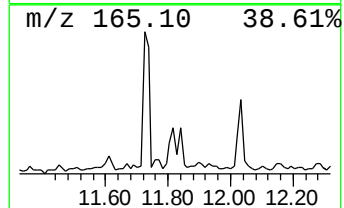
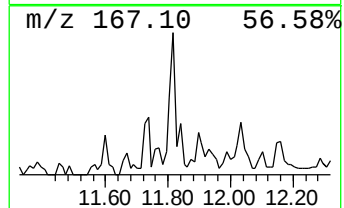
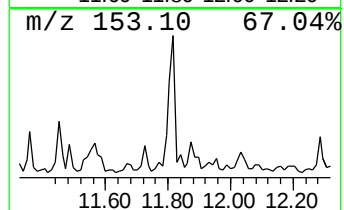
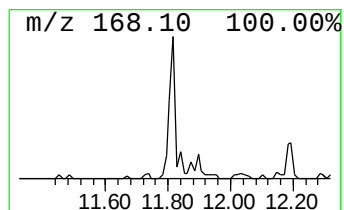
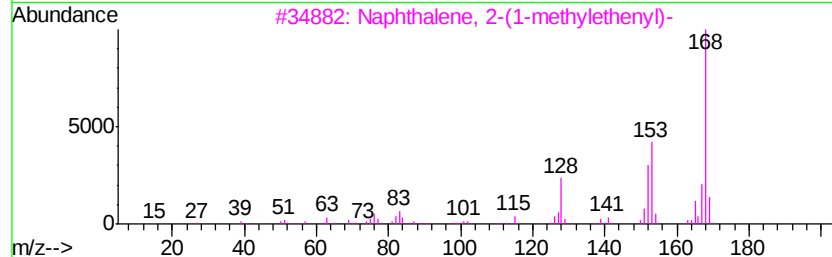
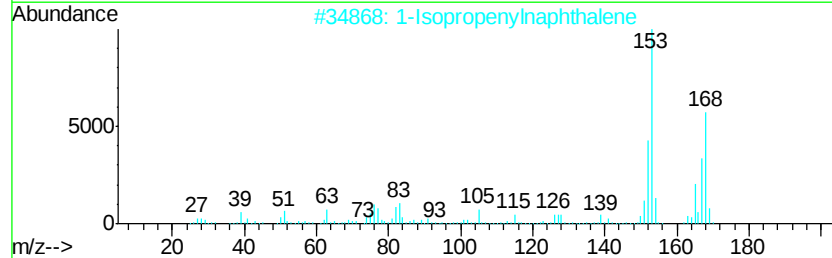
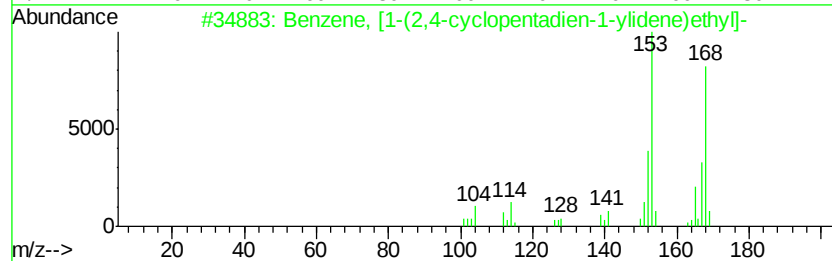
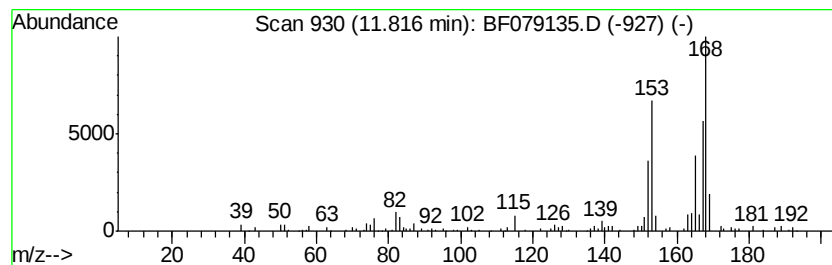
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, [1-(2,4-cyclopenta... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.53 ng	126811	Acenaphthene-d10	11.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	68
2		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
3		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
4		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	52
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079135.D
Acq On : 12 May 2015 2:22
Operator : TP/IZ
Sample : G2146-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7

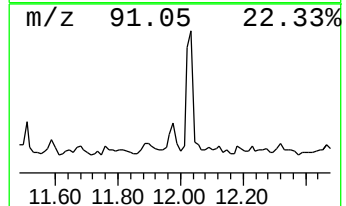
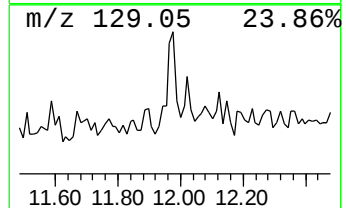
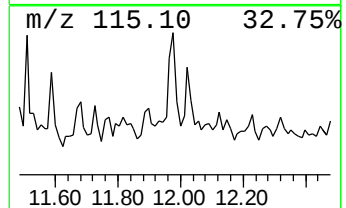
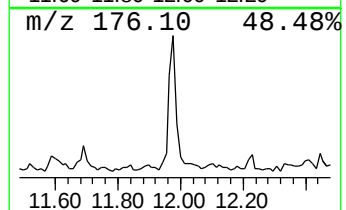
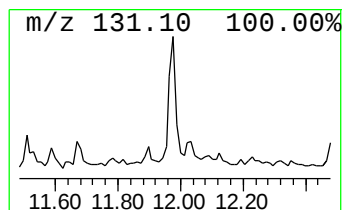
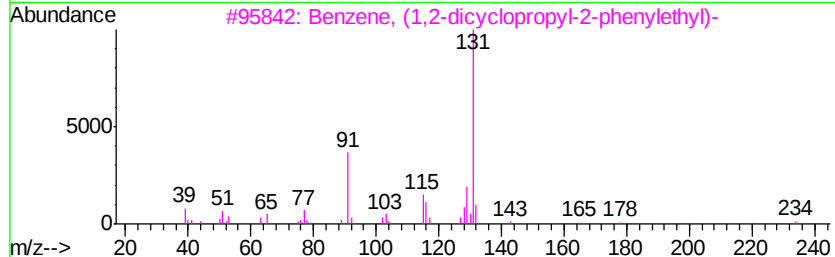
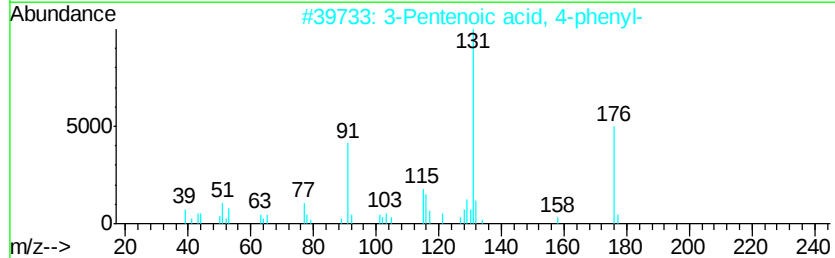
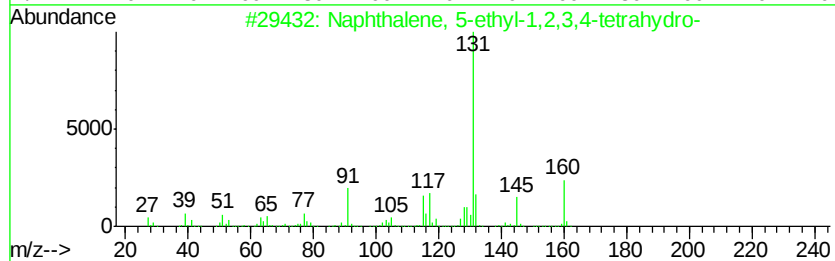
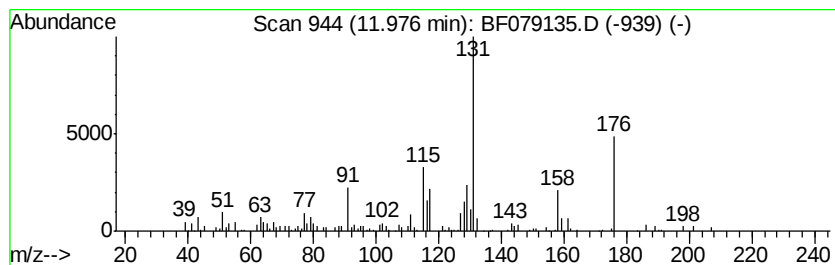
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown11.98 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	7.81 ng	233377	Phenanthrene-d10	12.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	47
2		3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	45
3		Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	43
4		Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	43
5		1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	40



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Sample : G2146-01
Misc :
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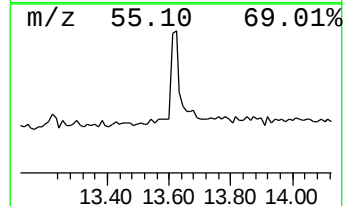
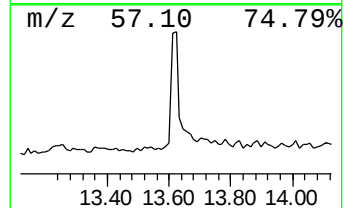
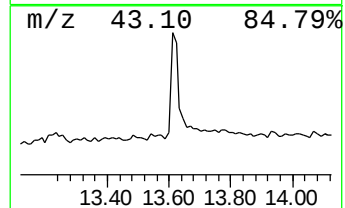
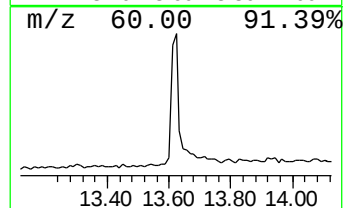
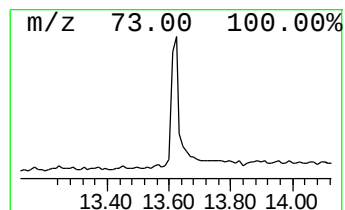
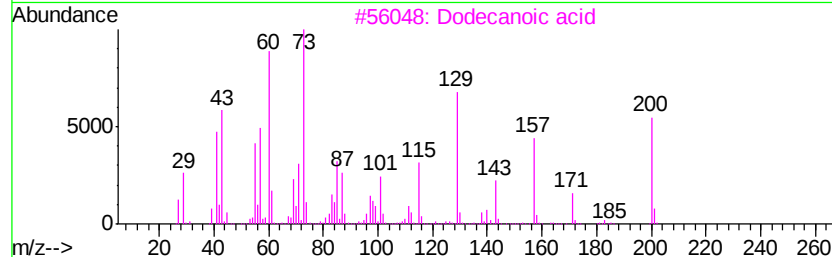
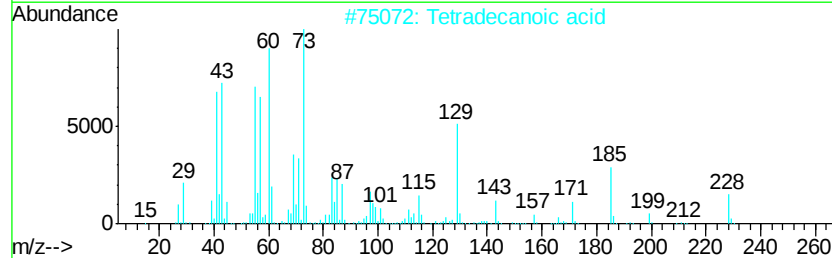
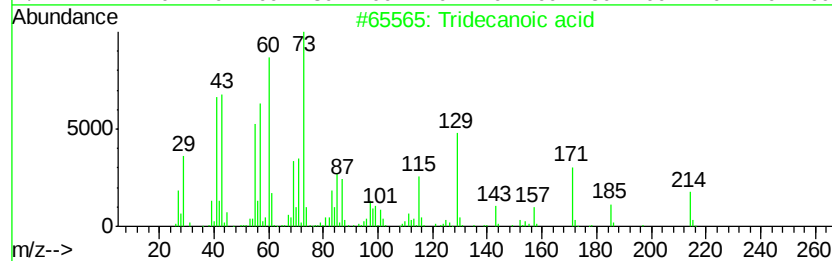
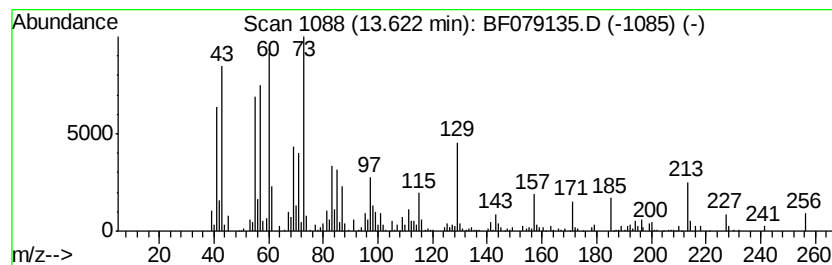
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.62	8.73 ng	260965	Phenanthrene-d10		12.89	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	94
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Dodecanoic acid	200	C12H24O2	000143-07-7	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
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Instrument :
BNA_F
ClientSampleId :
MW-7

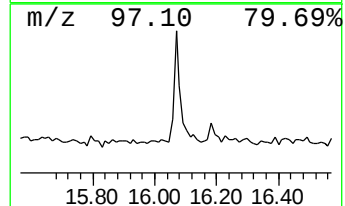
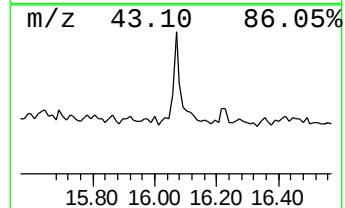
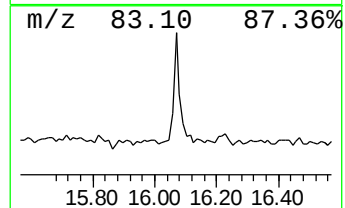
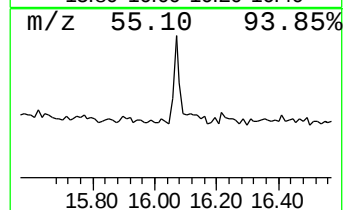
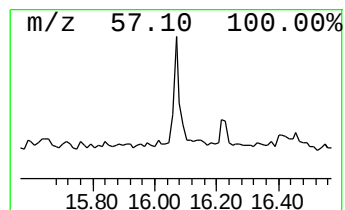
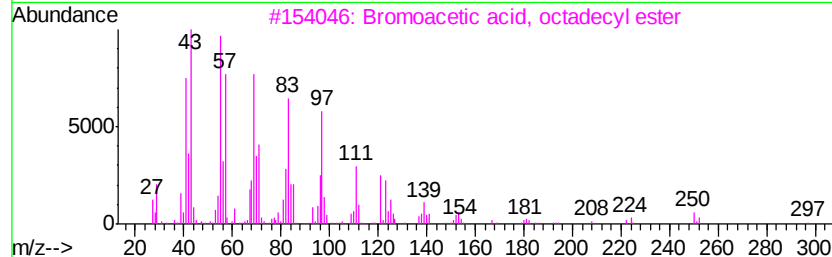
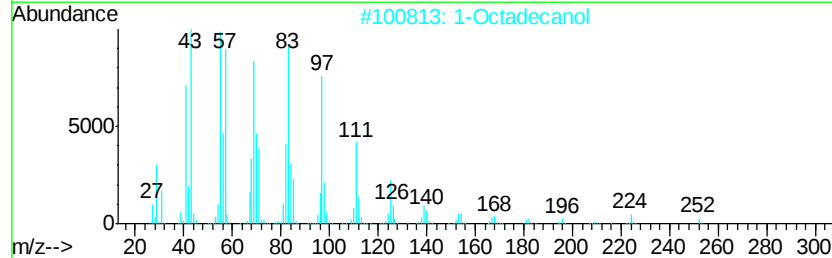
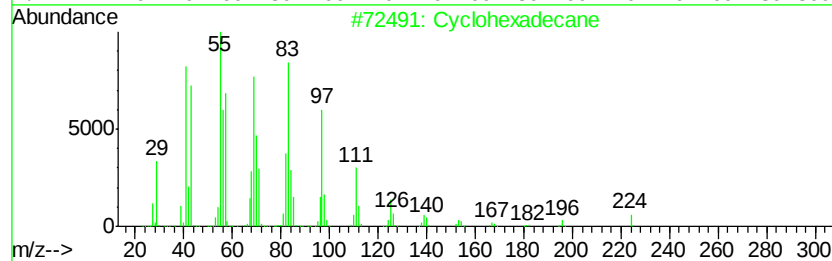
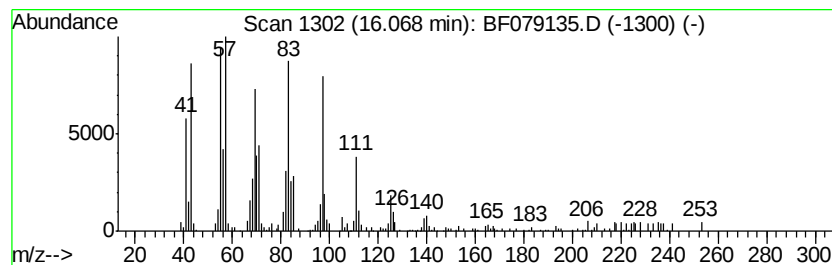
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cyclohexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	4.12 ng	143706	Chrysene-d12	16.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	96
2			1-Octadecanol	270	C18H38O	000112-92-5	93
3			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5			1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Butane, 2-methoxy...	1.75	51.4	ng	909569	1	7.30	354048	20.0
unknown7.00	7.00	75.6	ng	1337650	1	7.30	354048	20.0
Benzene, (1-methy...	7.24	3.9	ng	68738	1	7.30	354048	20.0
1H-Indene, 2,3-di...	8.48	3.2	ng	91851	2	8.87	581251	20.0
1H-Indene, 2,3-dih...	9.36	3.1	ng	91072	2	8.87	581251	20.0
Benzo[b]thiophene...	9.46	4.1	ng	119194	2	8.87	581251	20.0
Naphthalene, 2,6-...	10.55	6.0	ng	213869	3	11.05	717547	20.0
Naphthalene, 1,7-...	10.63	9.9	ng	355293	3	11.05	717547	20.0
Naphthalene, 1,3-...	10.78	6.6	ng	235342	3	11.05	717547	20.0
Naphthalene, 1,6,...	11.31	4.6	ng	164098	3	11.05	717547	20.0
Naphthalene, 2,3,...	11.45	4.1	ng	148250	3	11.05	717547	20.0
1(2H)-Naphthaleno...	11.51	5.5	ng	197547	3	11.05	717547	20.0
Benzene, [1-(2,4-...	11.82	3.5	ng	126811	3	11.05	717547	20.0
unknown11.98	11.98	7.8	ng	233377	4	12.89	598016	20.0
Tridecanoic acid	13.62	8.7	ng	260965	4	12.89	598016	20.0
Cyclohexadecane	16.07	4.1	ng	143706	5	16.18	697004	20.0