

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091451.D
 Acq On : 6 Dec 2016 11:33
 Operator : UM/SJ
 Sample : H5825-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12016SF-W-1

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-BF112916.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	5.018	236	239	243	rVB	463268	556837	14.08%	1.071%
2	5.441	273	276	278	rVB	2036883	2001786	50.61%	3.849%
3	6.081	330	332	336	rVB3	27278	52258	1.32%	0.100%
4	6.161	336	339	342	rBV2	21228	48686	1.23%	0.094%
5	6.344	351	355	356	rBV	72413	79628	2.01%	0.153%
6	6.390	356	359	362	rVV4	30675	69242	1.75%	0.133%
7	6.436	362	363	364	rVV	53552	53784	1.36%	0.103%
8	6.470	364	366	369	rVB	1447553	1396939	35.32%	2.686%
9	6.550	369	373	375	rBV4	23412	63895	1.62%	0.123%
10	6.607	375	378	380	rBV	3302048	3094879	78.24%	5.951%
11	6.687	383	385	386	rVB	35916	48368	1.22%	0.093%
12	6.790	390	394	396	rBV5	26266	79201	2.00%	0.152%
13	6.836	396	398	400	rVV	927864	881227	22.28%	1.695%
14	6.870	400	401	403	rVV	254408	209486	5.30%	0.403%
15	6.904	403	404	409	rVB2	58156	48165	1.22%	0.093%
16	6.996	409	412	415	rBV	2961039	2859002	72.28%	5.498%
17	7.121	419	423	425	rVB2	64354	116136	2.94%	0.223%
18	7.167	425	427	428	rBV2	67413	106785	2.70%	0.205%
19	7.190	428	429	431	rVB	79284	58344	1.47%	0.112%
20	7.236	431	433	436	rBV3	99623	195583	4.94%	0.376%
21	7.350	440	443	444	rBV	39324	64385	1.63%	0.124%
22	7.407	444	448	450	rVV	2404082	2929954	74.07%	5.634%
23	7.442	450	451	453	rVV2	106250	123264	3.12%	0.237%
24	7.499	453	456	457	rVV2	71838	117816	2.98%	0.227%
25	7.613	464	466	467	rVB	72875	59362	1.50%	0.114%
26	7.659	467	470	472	rVB2	66708	105364	2.66%	0.203%
27	7.750	475	478	480	rBV3	80298	181520	4.59%	0.349%
28	7.819	482	484	485	rVB	84702	103439	2.61%	0.199%
29	7.864	485	488	489	rBV3	182084	279039	7.05%	0.537%
30	7.956	493	496	498	rVB4	79102	186766	4.72%	0.359%
31	8.002	498	500	502	rBV3	61833	87740	2.22%	0.169%
32	8.036	502	503	504	rBV	52915	61029	1.54%	0.117%
33	8.070	504	506	508	rBV3	34304	62141	1.57%	0.119%
34	8.127	508	511	512	rBV	1170590	1239813	31.34%	2.384%

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35	8.196	516	517	518	rVB	207132	141989	3.59%	0.273%
36	8.242	518	521	523	rBV3	145633	291362	7.37%	0.560%
37	8.299	523	526	527	rBV2	108041	164921	4.17%	0.317%
38	8.356	527	531	533	rBV5	152843	367634	9.29%	0.707%
39	8.390	533	534	536	rVB2	100363	99966	2.53%	0.192%
40	8.424	536	537	540	rVB2	114544	143910	3.64%	0.277%
41	8.482	540	542	543	rBV2	141369	198133	5.01%	0.381%
42	8.516	543	545	547	rBV2	97016	194694	4.92%	0.374%
43	8.562	547	549	550	rBV	246762	395620	10.00%	0.761%
44	8.665	556	558	561	rVB2	134201	195762	4.95%	0.376%
45	8.722	561	563	564	rBV2	55040	79149	2.00%	0.152%
46	8.767	564	567	570	rBV5	74470	233765	5.91%	0.450%
47	8.825	570	572	574	rBV2	203540	337494	8.53%	0.649%
48	8.859	574	575	577	rBV2	139413	145956	3.69%	0.281%
49	8.939	578	582	584	rBV5	205279	481657	12.18%	0.926%
50	9.019	586	589	593	rVB5	237640	472746	11.95%	0.909%
51	9.122	597	598	599	rVV	129890	120176	3.04%	0.231%
52	9.156	599	601	603	rVB2	551026	485439	12.27%	0.933%
53	9.202	603	605	607	rVB	3278269	3955651	100.00%	7.606%
54	9.247	607	609	611	rBV	590122	595350	15.05%	1.145%
55	9.282	611	612	615	rBV3	250728	442590	11.19%	0.851%
56	9.465	625	628	631	rBV3	311579	544821	13.77%	1.048%
57	9.545	631	635	636	rBV3	409760	806578	20.39%	1.551%
58	9.613	638	641	642	rVV2	807083	979036	24.75%	1.883%
59	9.647	642	644	647	rVV4	158339	433151	10.95%	0.833%
60	9.762	652	654	655	rBV	424622	428444	10.83%	0.824%
61	9.876	661	664	667	rBV	1234353	1803740	45.60%	3.468%
62	9.922	667	668	669	rVV	177654	161982	4.09%	0.311%
63	9.990	669	674	676	rVB4	448958	1061651	26.84%	2.041%
64	10.082	680	682	683	rBV	758935	648977	16.41%	1.248%
65	10.128	684	686	687	rVB2	303384	309134	7.81%	0.594%
66	10.196	690	692	694	rBV	819733	1031512	26.08%	1.983%
67	10.379	706	708	710	rVB	239043	327365	8.28%	0.629%
68	10.425	710	712	713	rBV	239864	302221	7.64%	0.581%
69	10.470	713	716	717	rVV3	354901	673850	17.04%	1.296%
70	10.539	720	722	724	rVB	936871	968707	24.49%	1.863%
71	10.676	731	734	735	rBV	2295846	2607309	65.91%	5.014%

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72	10.710	735	737	740	rVB4	198441	449089	11.35%	0.864%
73	10.802	743	745	748	rBV2	1149983	1921422	48.57%	3.695%
74	10.870	749	751	752	rBV2	308987	345997	8.75%	0.665%
75	11.008	761	763	766	rBV3	342530	539537	13.64%	1.037%
76	11.270	784	786	790	rVB	879688	1025723	25.93%	1.972%
77	11.362	792	794	797	rVB	1047969	998661	25.25%	1.920%
78	12.413	884	886	888	rBV	336865	320410	8.10%	0.616%
79	12.688	908	910	913	rVB2	647815	696265	17.60%	1.339%
80	12.951	931	933	935	rVB	3550202	3280447	82.93%	6.308%
81	13.842	1009	1011	1022	rVB	139580	232835	5.89%	0.448%
82	13.991	1022	1024	1026	rVB	935423	852226	21.54%	1.639%
83	14.837	1096	1098	1104	rVB	49407	94835	2.40%	0.182%
84	15.408	1146	1148	1151	rBV	568773	821457	20.77%	1.580%
85	16.642	1253	1256	1262	rVB3	18193	50061	1.27%	0.096%
86	16.985	1282	1286	1290	rVB7	15710	43015	1.09%	0.083%
87	17.351	1315	1318	1326	rBV7	22817	78722	1.99%	0.151%

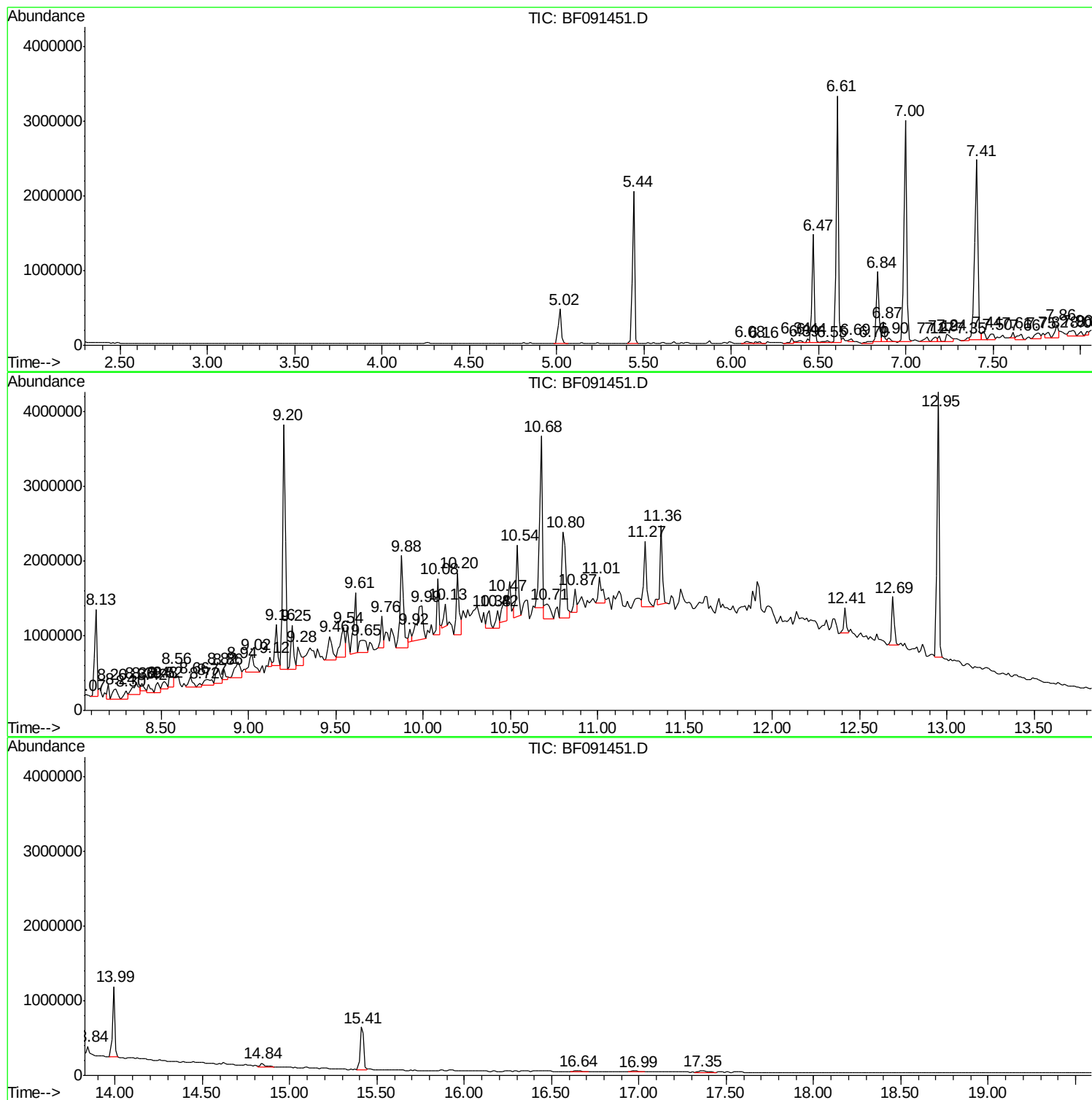
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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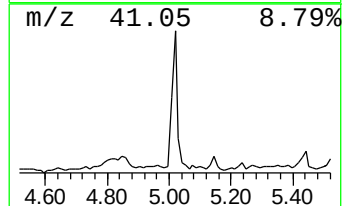
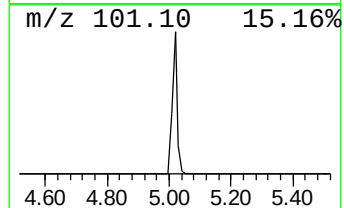
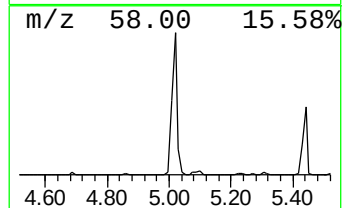
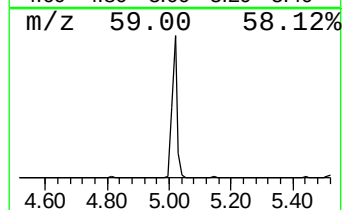
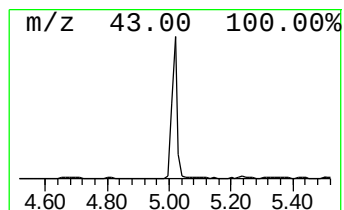
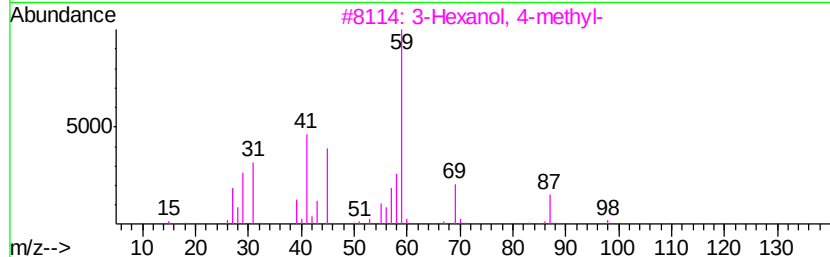
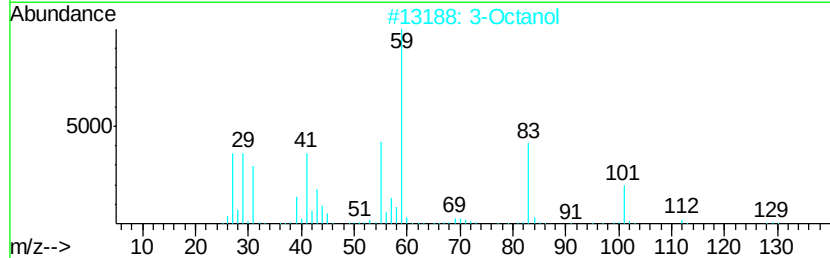
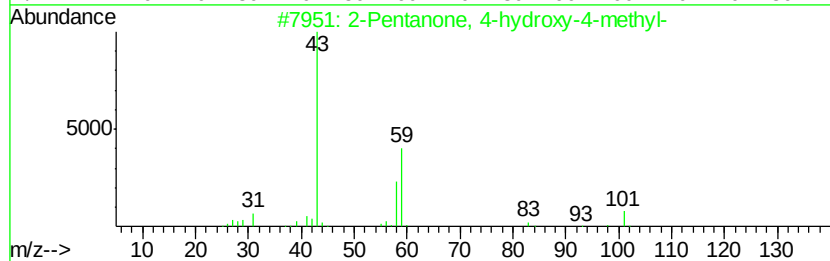
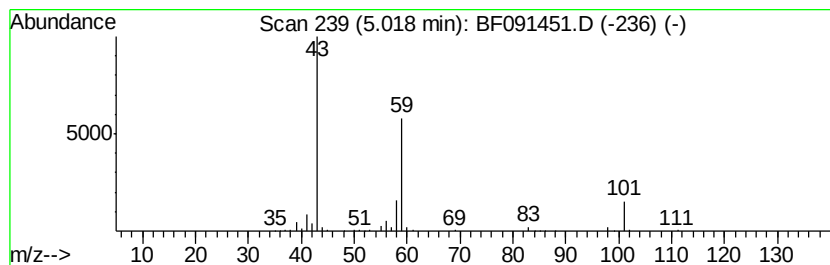
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	12.64 ng	556837	1,4-Dichlorobenzene-d4	6.84

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		3-Octanol	130	C8H18O	000589-98-0	33
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25



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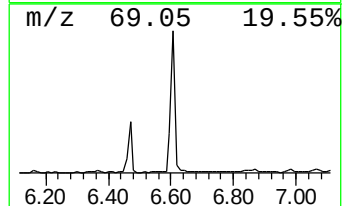
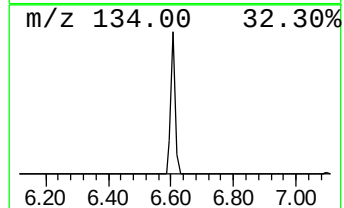
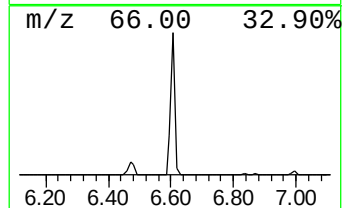
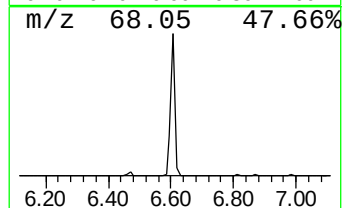
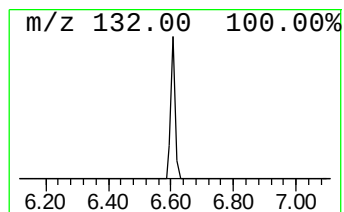
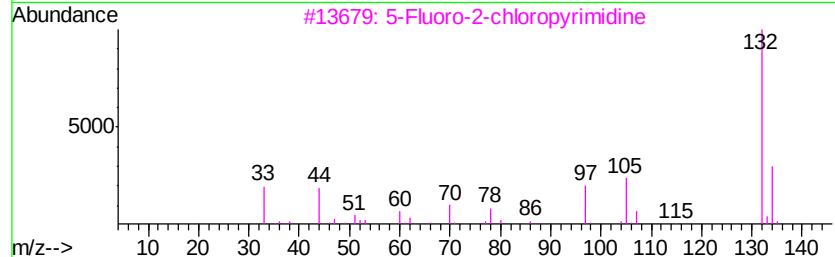
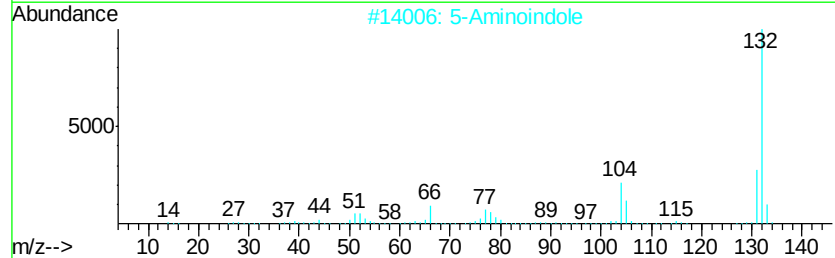
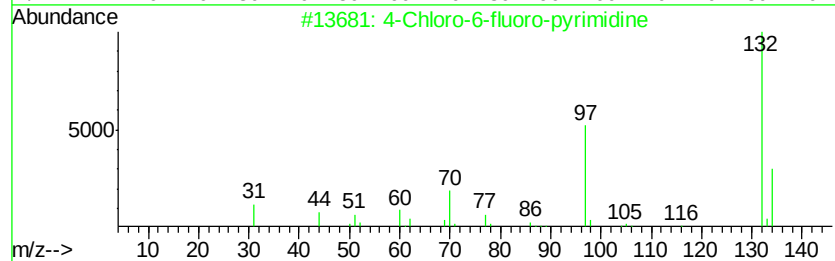
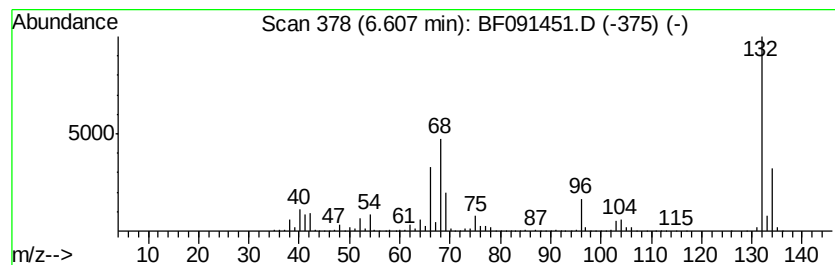
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	70.24 ng	3094880	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	27
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9



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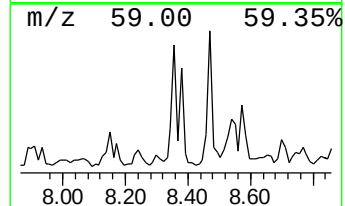
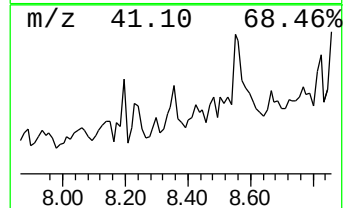
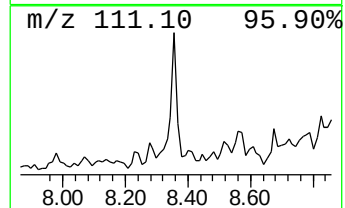
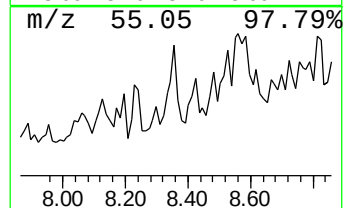
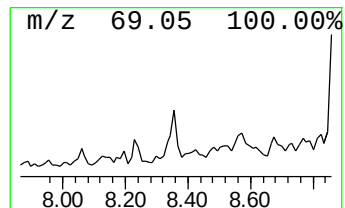
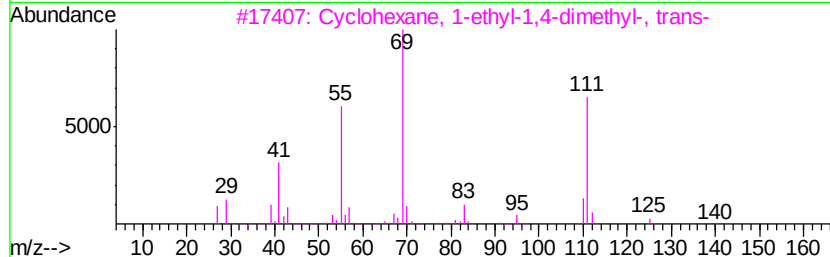
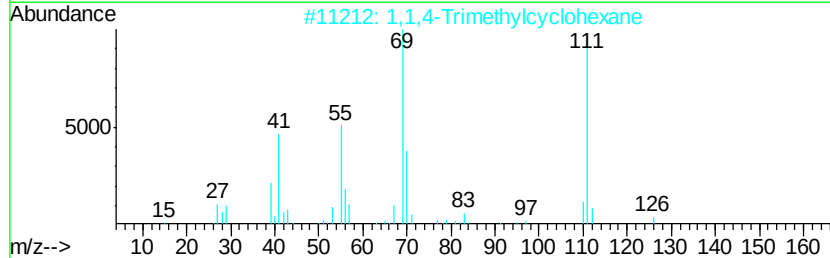
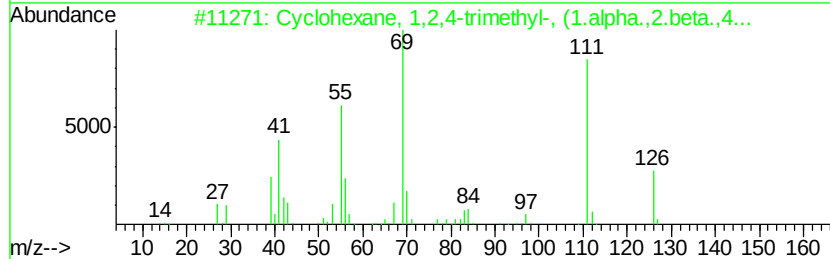
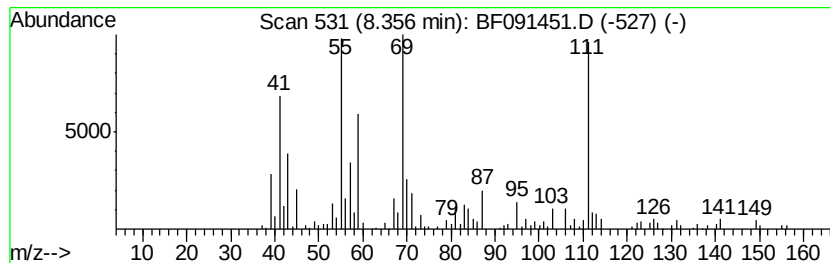
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1,2,4-trimethy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	5.93 ng	367634	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	50
2		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	49
3		Cyclohexane, 1-ethyl-1,4-dimethyl...	140	C10H20	062238-32-8	47
4		Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	47
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	47



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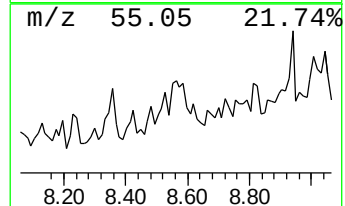
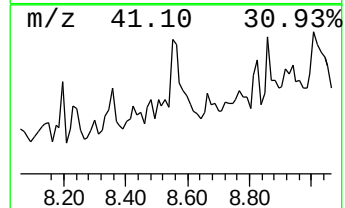
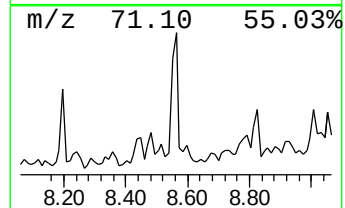
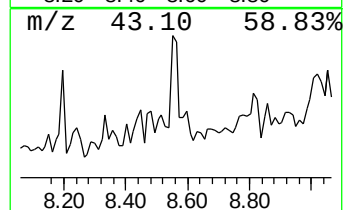
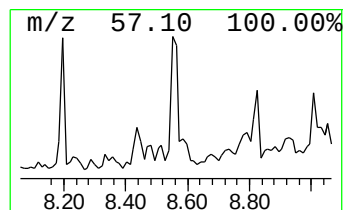
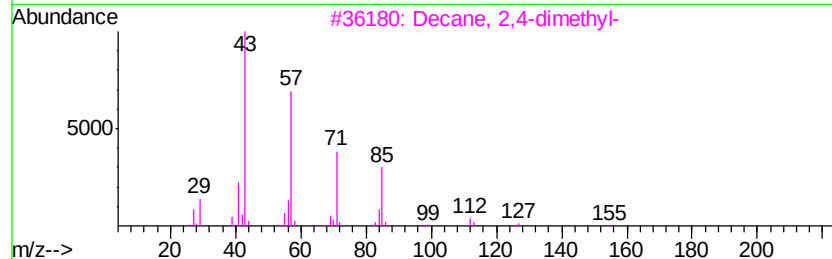
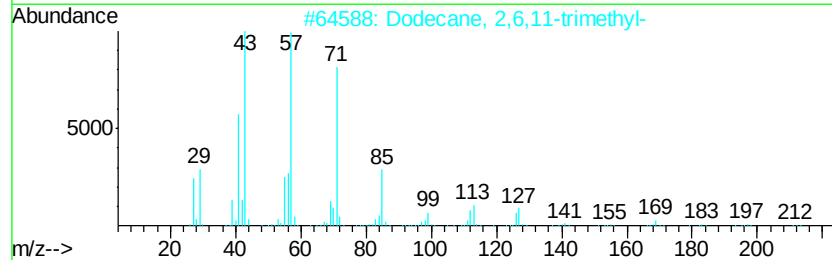
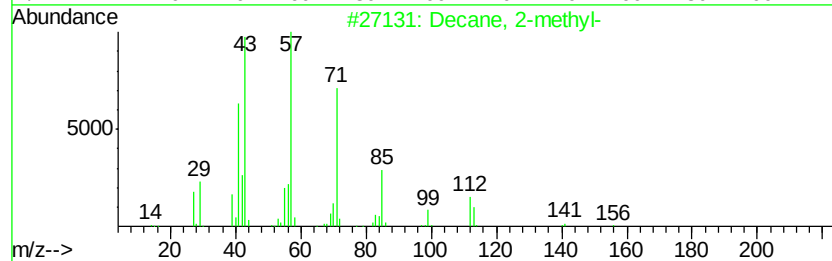
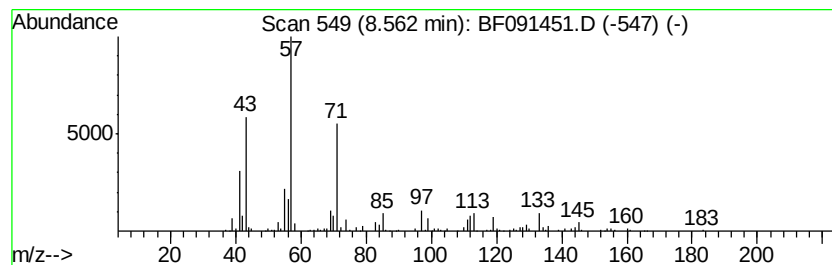
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.56 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	6.38 ng	395620	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	49
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
3		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	43
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
5		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091451.D
Acq On : 6 Dec 2016 11:33
Operator : UM/SJ
Sample : H5825-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

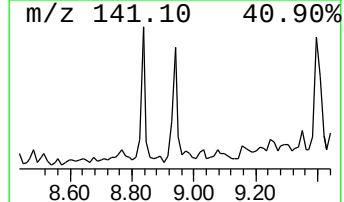
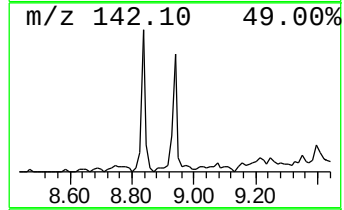
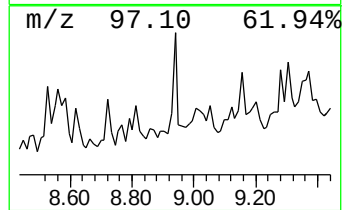
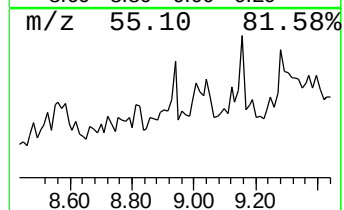
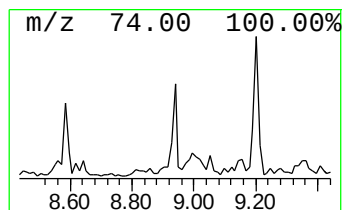
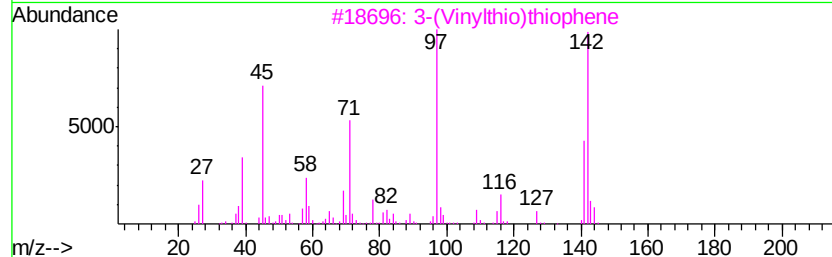
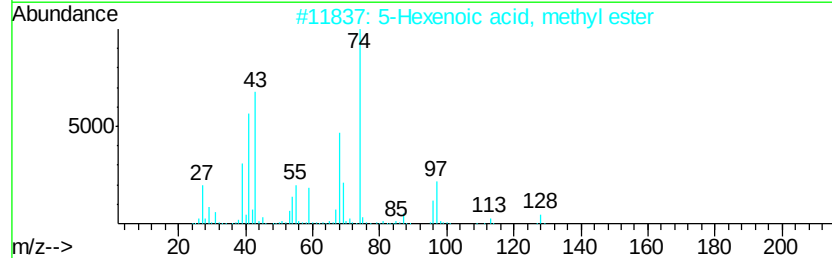
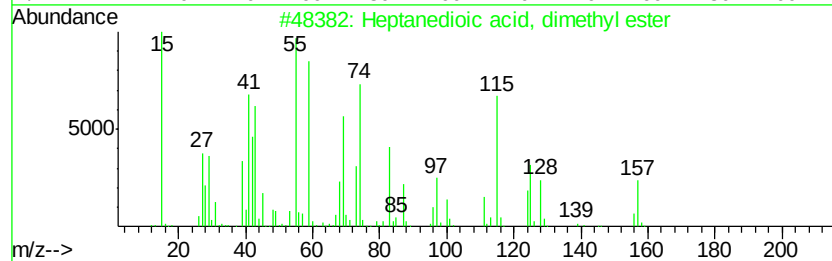
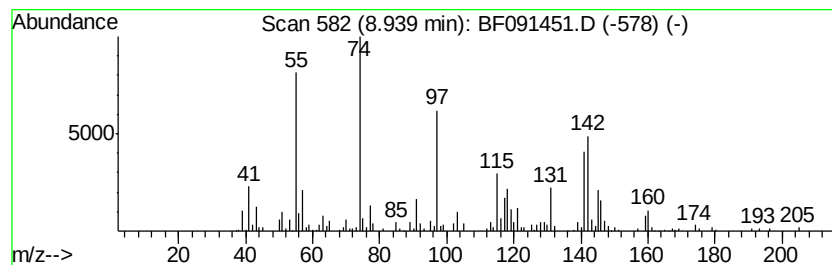
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.94 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	7.77 ng	481657	Napthalene-d8	8.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptanedioic acid, dimethyl ester	188 C9H16O4	001732-08-7 22
2		5-Hexenoic acid, methyl ester	128 C7H12O2	002396-80-7 10
3		3-(Vinylthio)thiophene	142 C6H6S2	1000249-93-3 10
4		Propanoic acid	74 C3H6O2	000079-09-4 9
5		2-Furancarboxylic acid, 5-(hydro...	142 C6H6O4	006338-41-6 9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
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Operator : UM/SJ
Sample : H5825-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

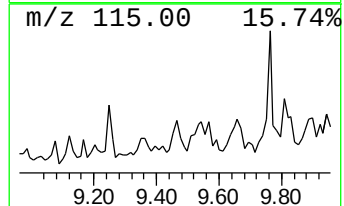
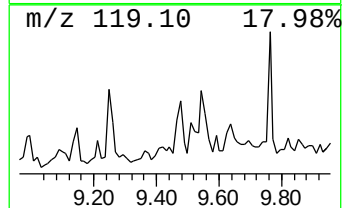
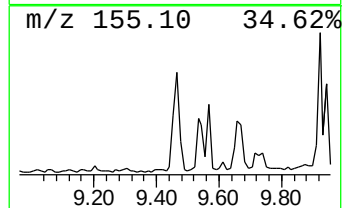
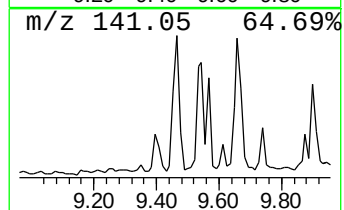
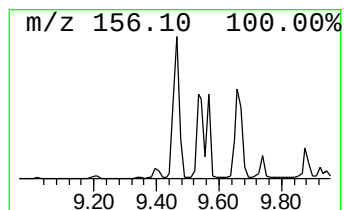
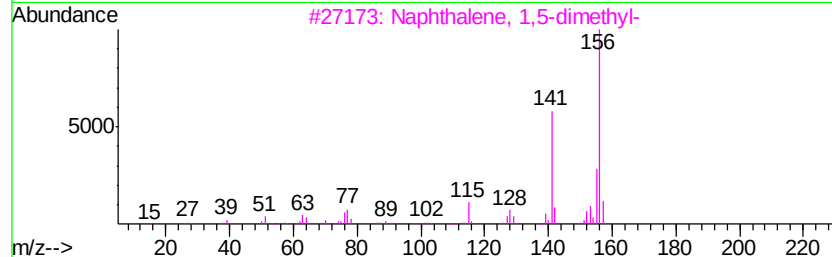
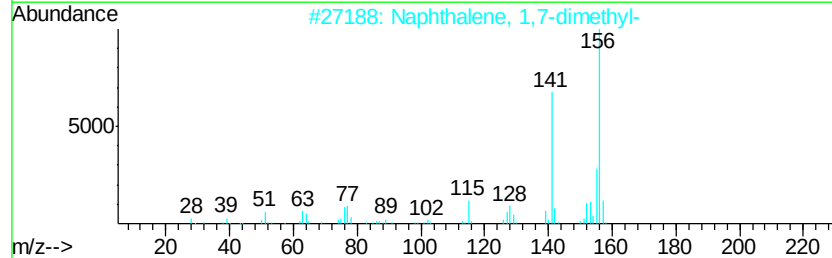
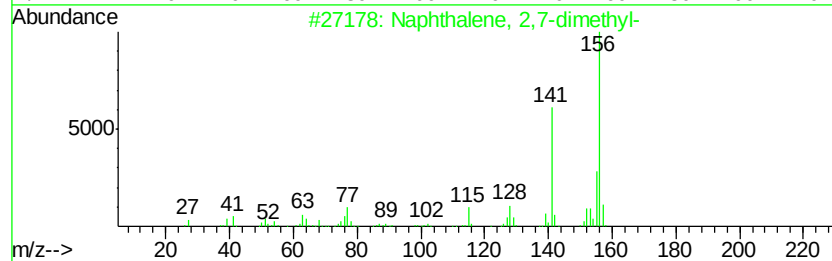
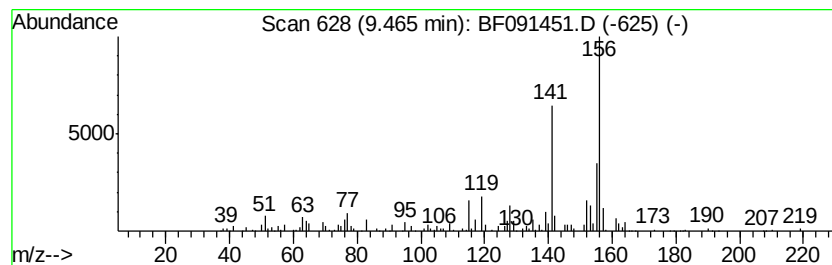
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.46	6.04 ng	544821	Acenaphthene-d10		9.88
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091451.D
Acq On : 6 Dec 2016 11:33
Operator : UM/SJ
Sample : H5825-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

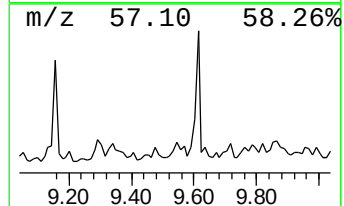
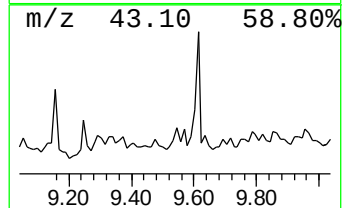
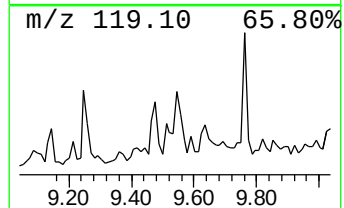
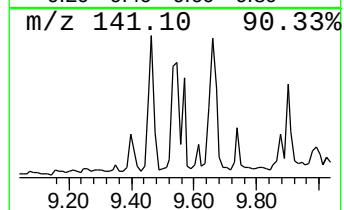
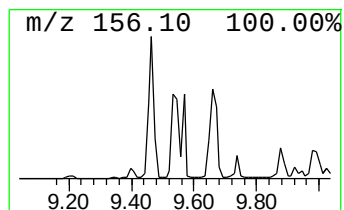
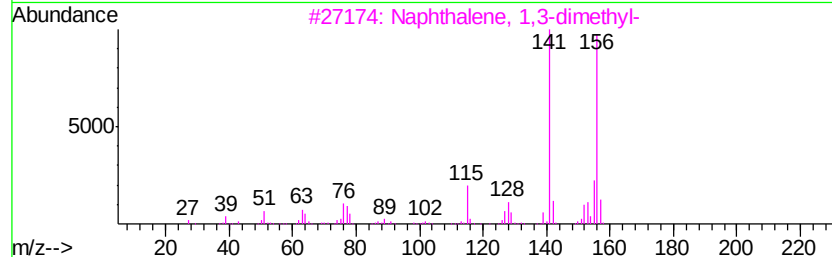
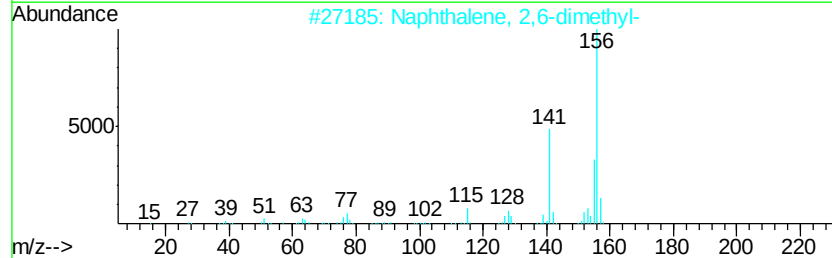
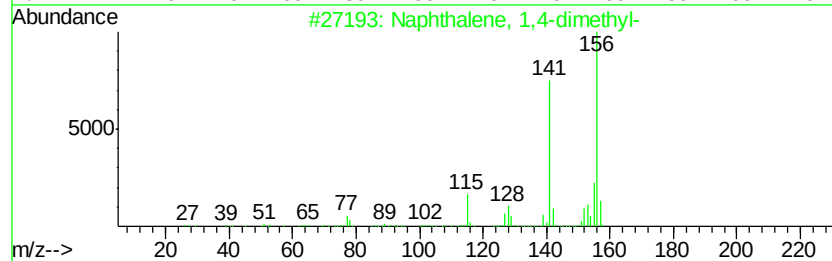
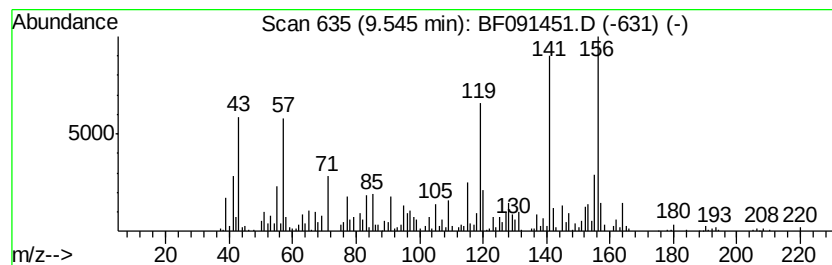
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.54	8.94 ng	806578	Acenaphthene-d10		9.88	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091451.D
Acq On : 6 Dec 2016 11:33
Operator : UM/SJ
Sample : H5825-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

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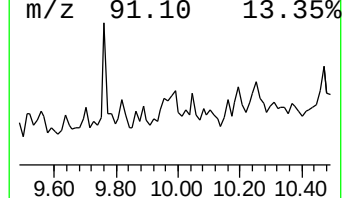
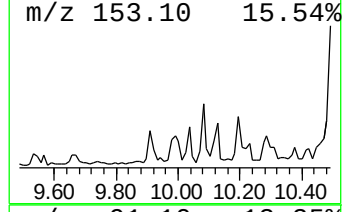
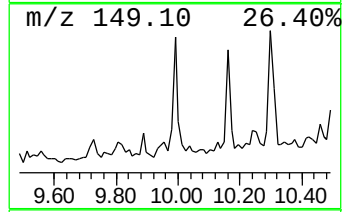
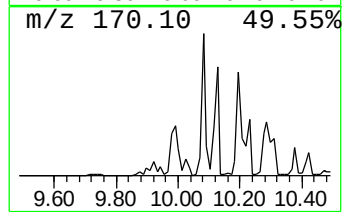
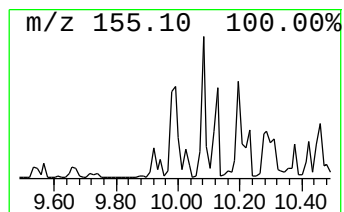
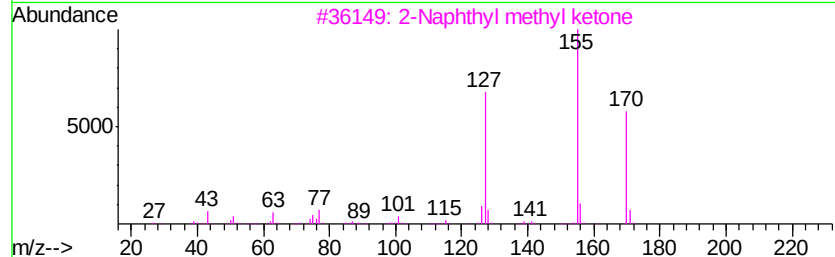
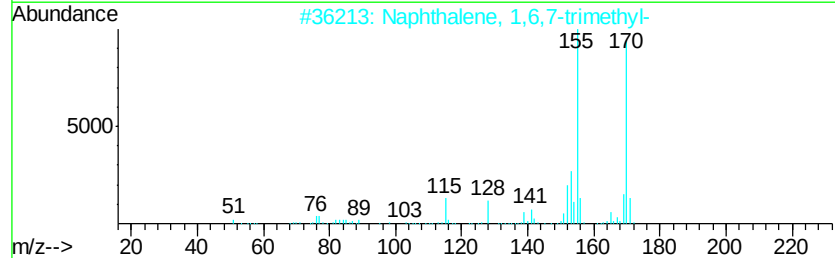
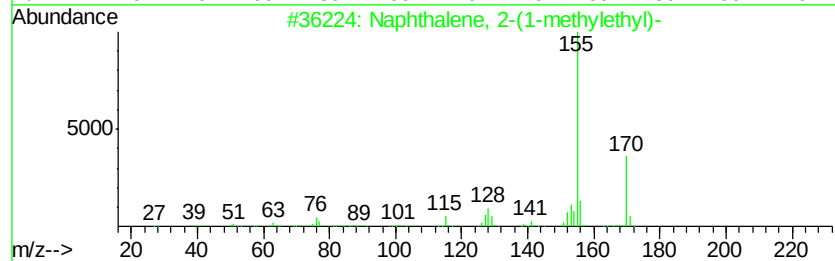
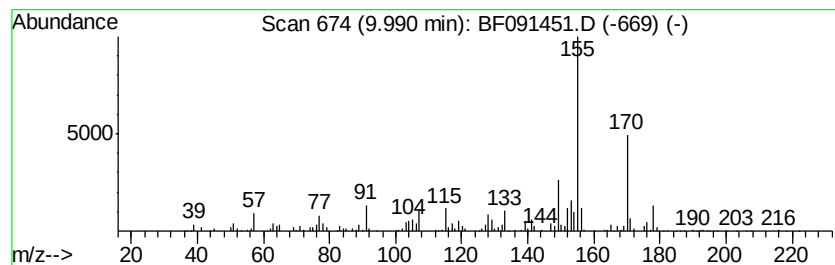
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	11.77 ng	1061650	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	76
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
3		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	53
4		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	49
5		1'-Acetonaphthone	170	C12H10O	000941-98-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091451.D
Acq On : 6 Dec 2016 11:33
Operator : UM/SJ
Sample : H5825-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

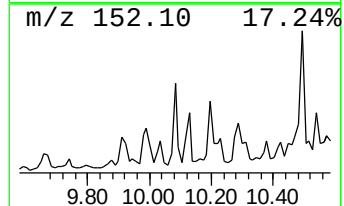
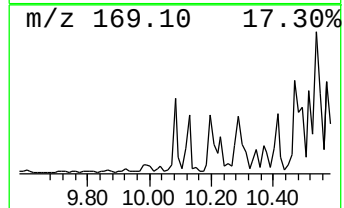
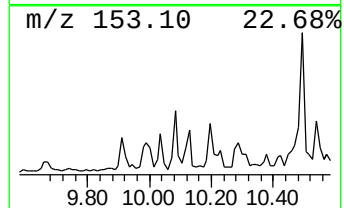
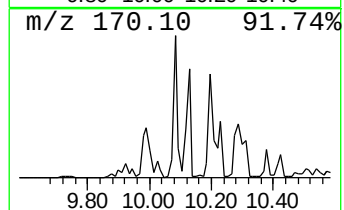
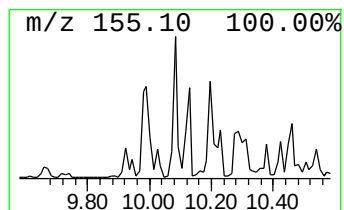
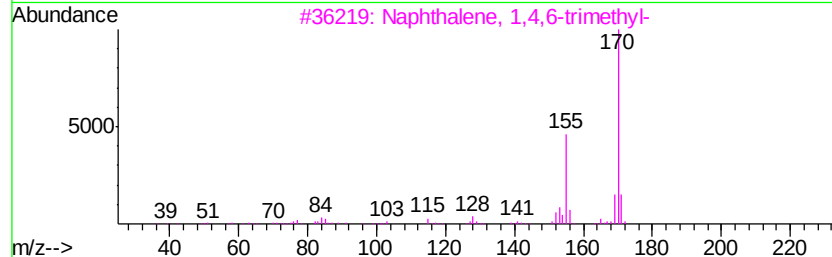
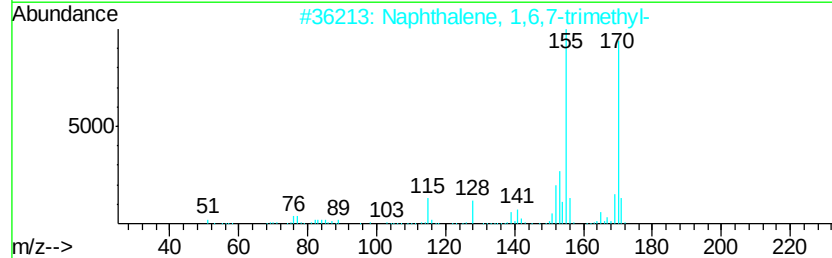
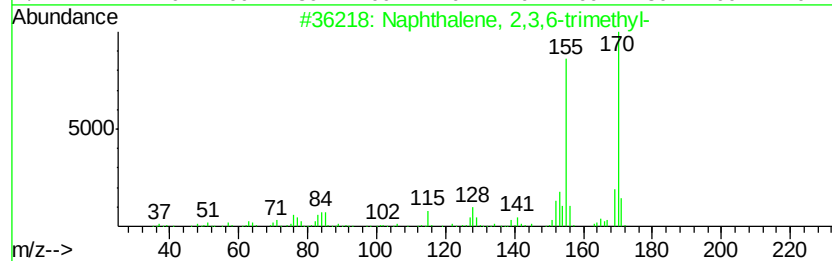
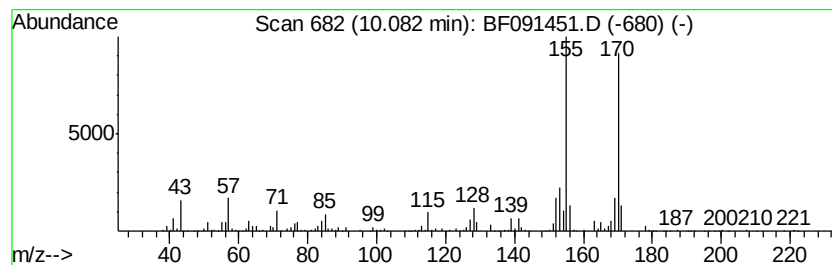
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.08	7.20 ng	648977	Acenaphthene-d10		9.88	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
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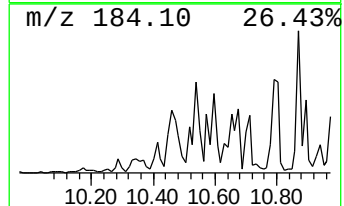
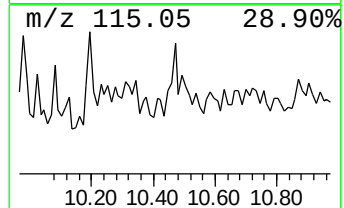
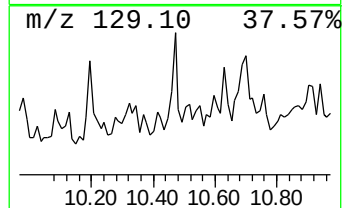
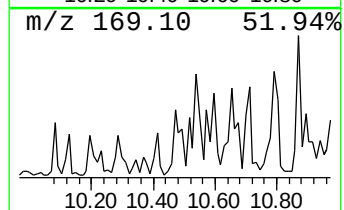
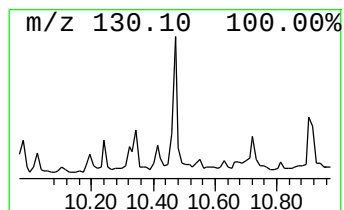
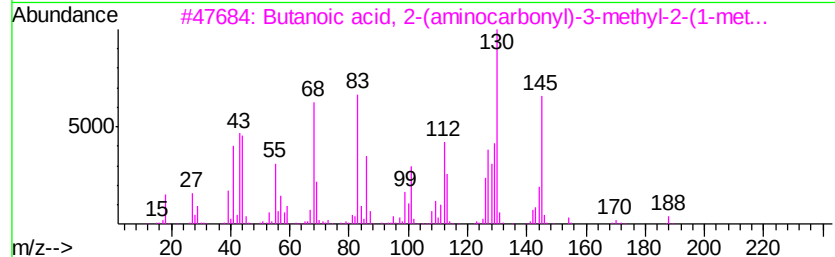
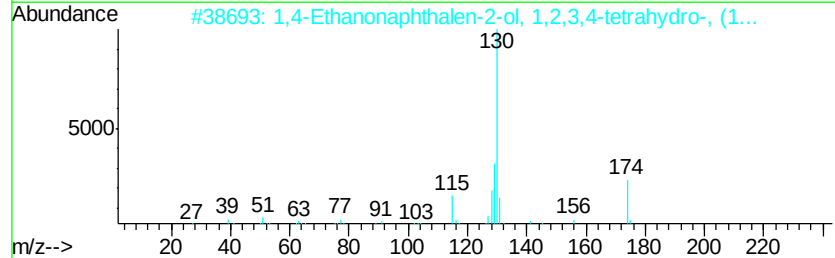
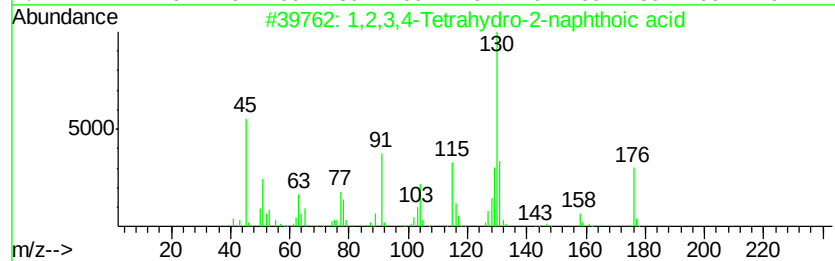
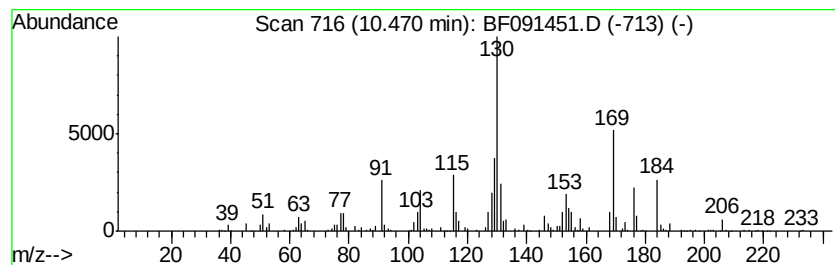
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,2,3,4-Tetrahydro-2-naphth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	7.47 ng	673850	Acenaphthene-d10	9.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,2,3,4-Tetrahydro-2-naphthoic acid	176 C11H12O2	053440-12-3	83
2	1,4-Ethanonaphthalen-2-ol, 1,2,3...	174 C12H14O	013153-78-1	43
3	Butanoic acid, 2-(aminocarbonyl)...	187 C9H17NO3	007499-15-2	38
4	Benzene, 1,3-diethenyl-	130 C10H10	000108-57-6	38
5	Acenaphthylene, 1,2,2a,3,4,5-hex...	158 C12H14	000480-72-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091451.D
Acq On : 6 Dec 2016 11:33
Operator : UM/SJ
Sample : H5825-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

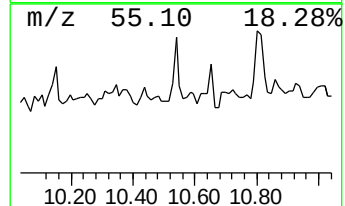
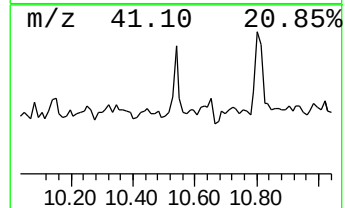
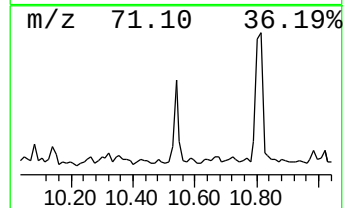
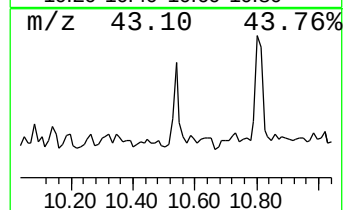
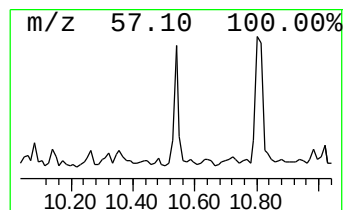
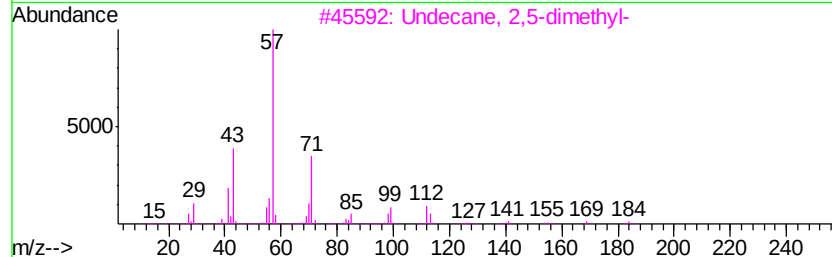
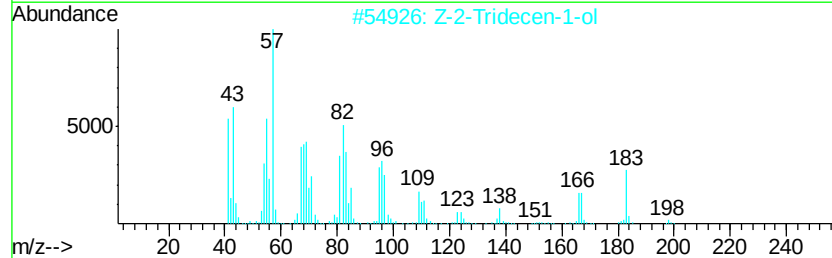
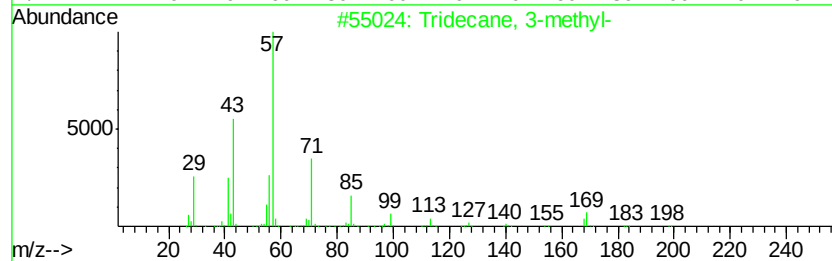
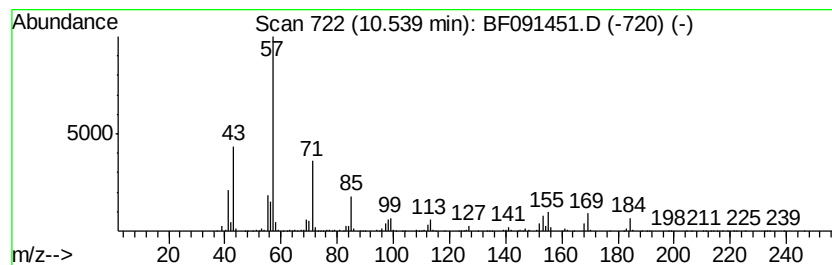
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	10.74 ng	968707	Acenaphthene-d10	9.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 3-methyl-	198 C14H30	006418-41-3 86
2		Z-2-Tridecen-1-ol	198 C13H26O	1000130-75-8 64
3		Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3 46
4		Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1 43
5		Undecane, 5-ethyl-	184 C13H28	017453-94-0 43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091451.D
Acq On : 6 Dec 2016 11:33
Operator : UM/SJ
Sample : H5825-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

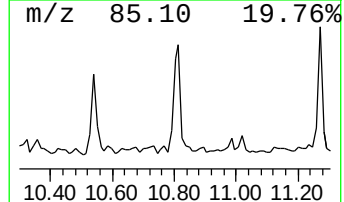
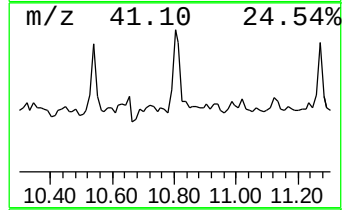
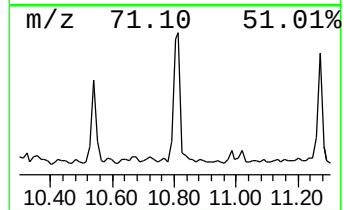
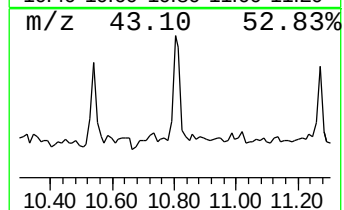
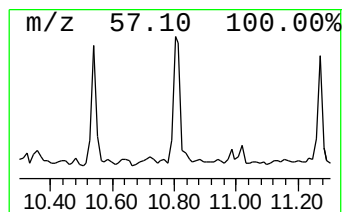
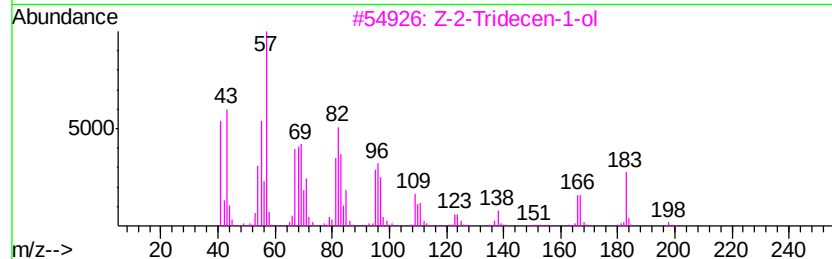
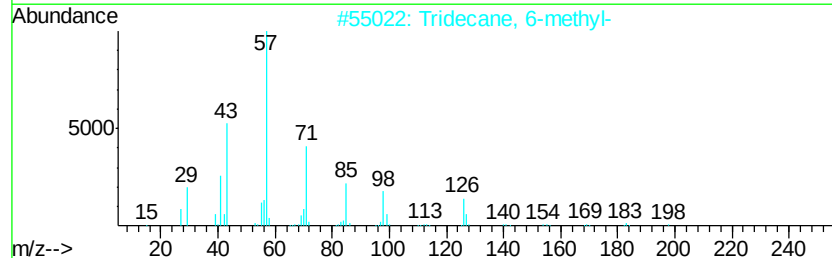
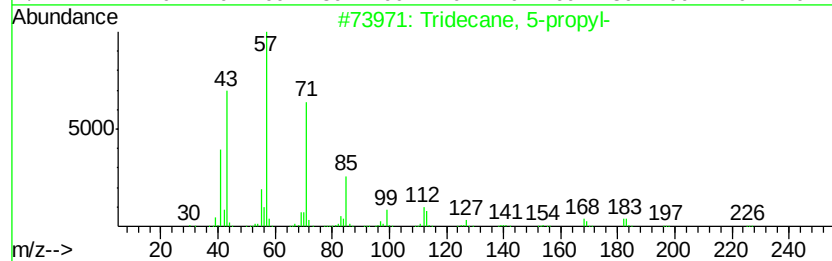
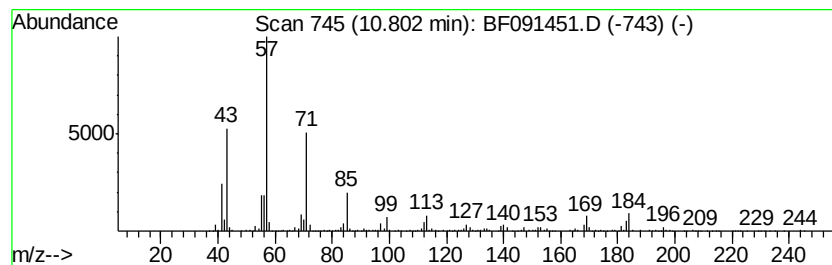
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.80	38.48 ng	1921420	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
3	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	70
4	Hexadecane	226	C16H34	000544-76-3	64
5	5-Ethyldecane	170	C12H26	017302-36-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091451.D
Acq On : 6 Dec 2016 11:33
Operator : UM/SJ
Sample : H5825-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

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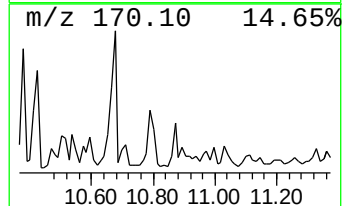
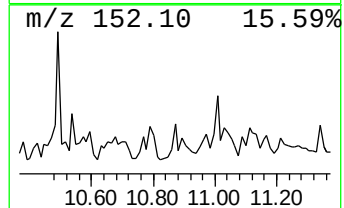
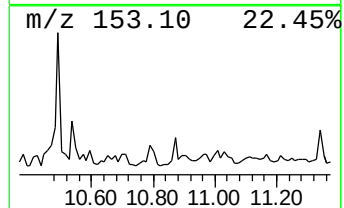
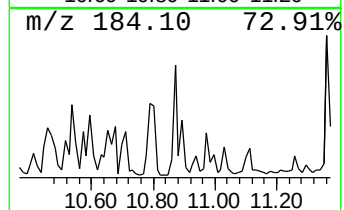
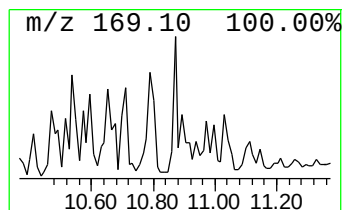
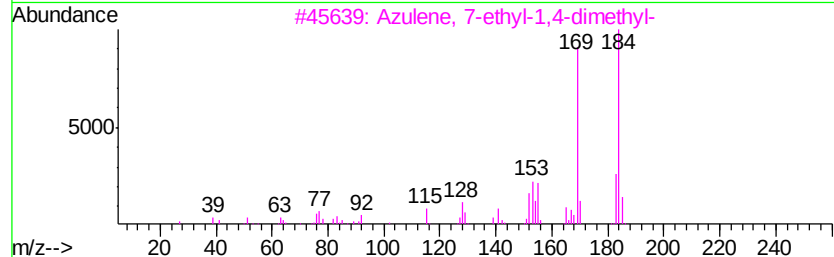
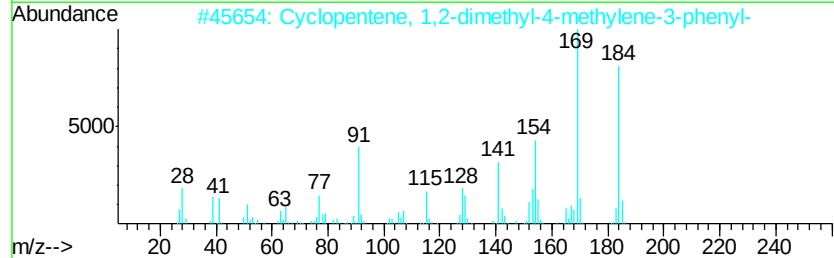
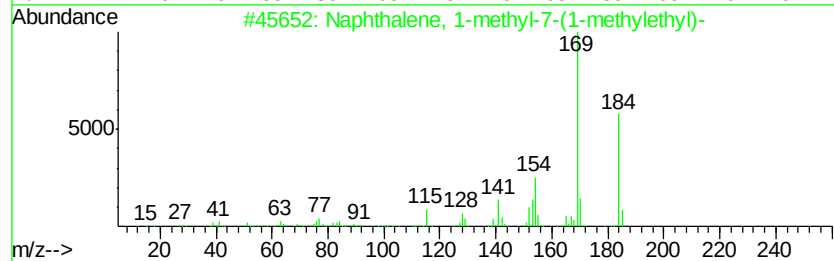
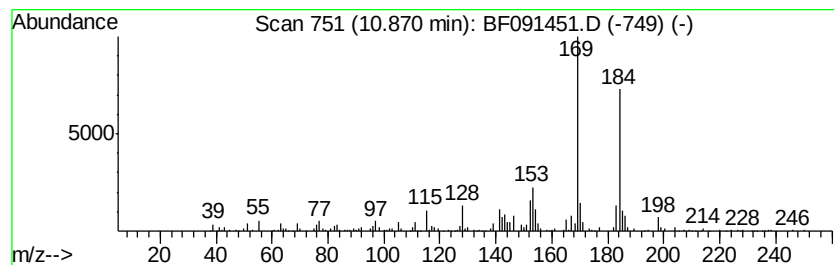
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1-methyl-7-(1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	6.93 ng	345997	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	90
2		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	78
3		Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	76
4		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64
5		3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091451.D
Acq On : 6 Dec 2016 11:33
Operator : UM/SJ
Sample : H5825-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S12016SF-W-1

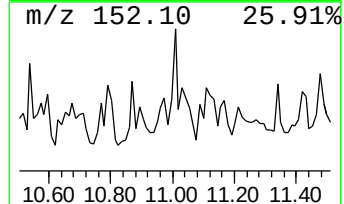
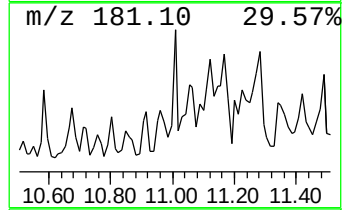
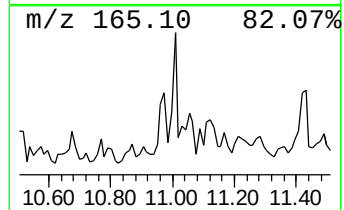
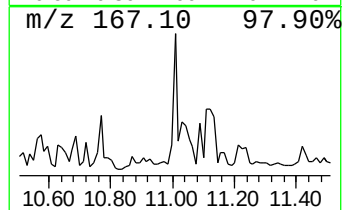
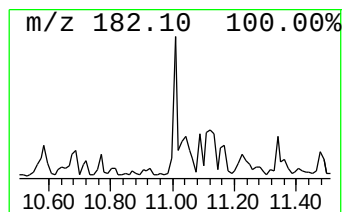
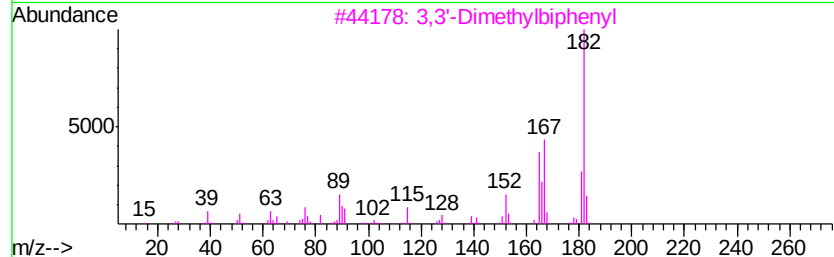
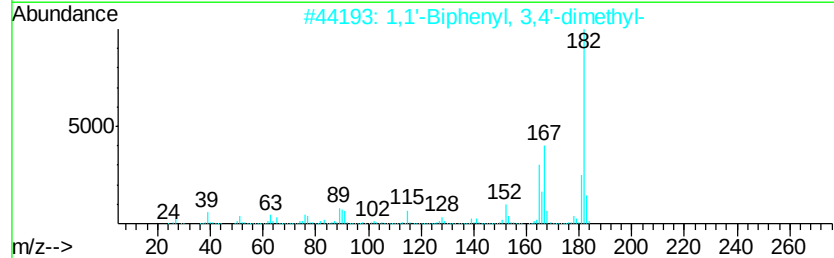
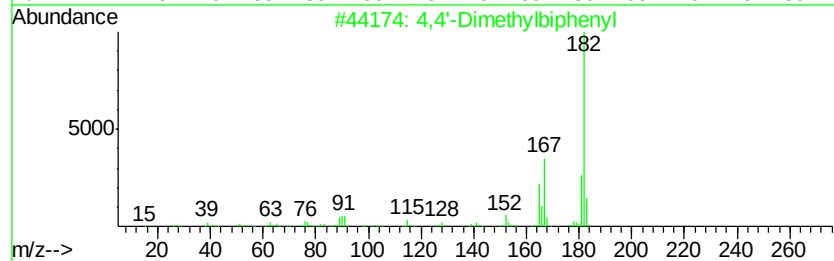
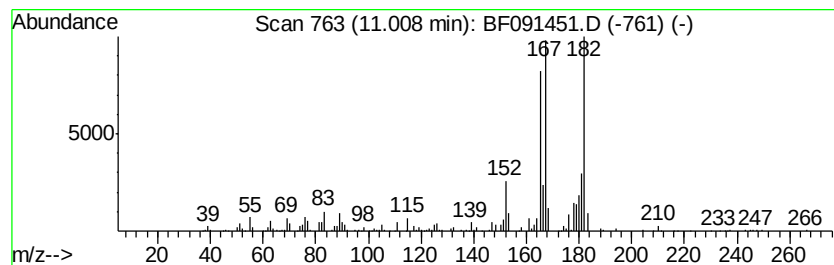
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4,4'-Dimethylbiphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	10.81 ng	539537	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	80
2		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	72
3		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	64
4		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	58
5		1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091451.D
Acq On : 6 Dec 2016 11:33
Operator : UM/SJ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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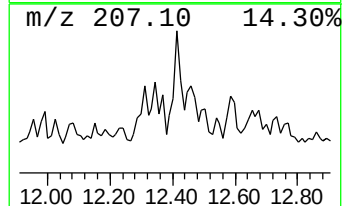
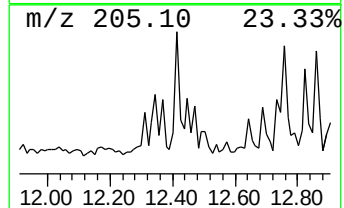
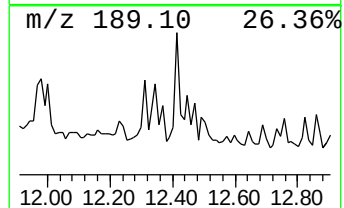
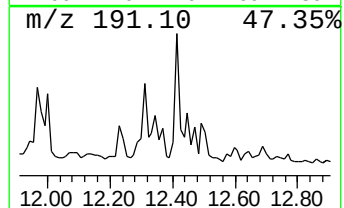
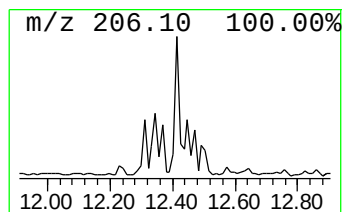
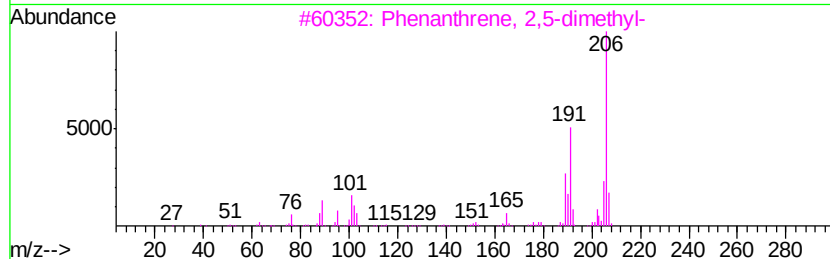
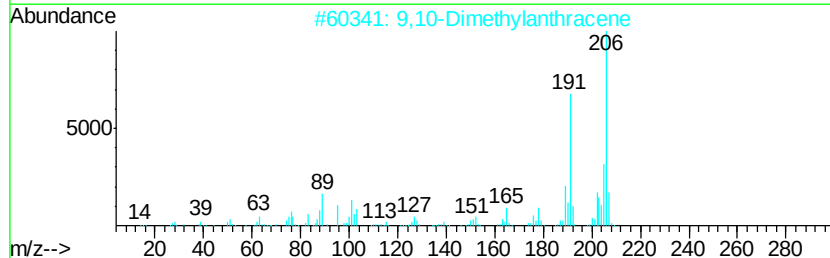
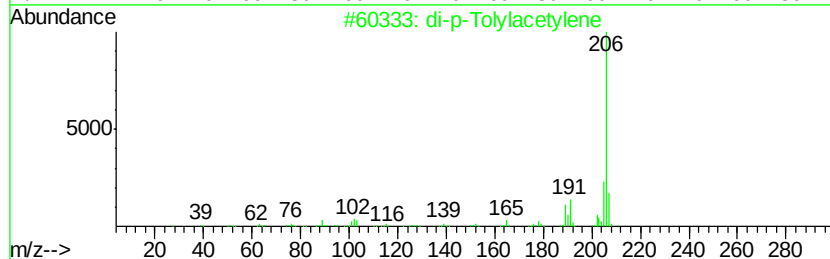
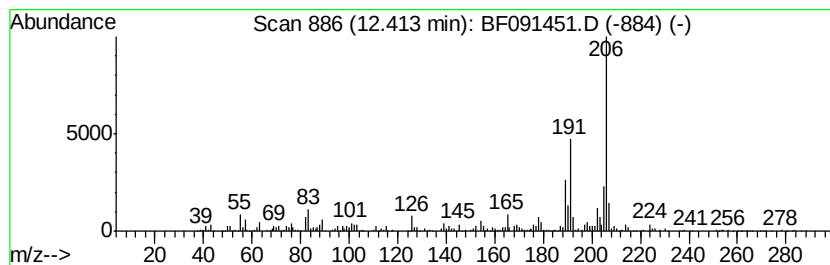
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 di-p-Tolylacetylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	6.42 ng	320410	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091451.D
Acq On : 6 Dec 2016 11:33
Operator : UM/SJ
Sample : H5825-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

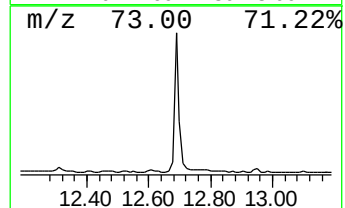
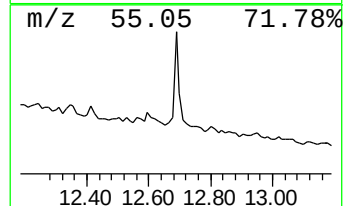
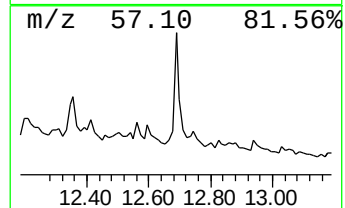
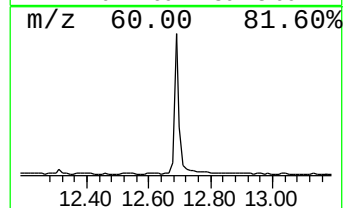
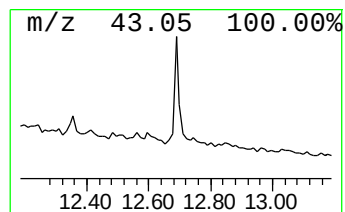
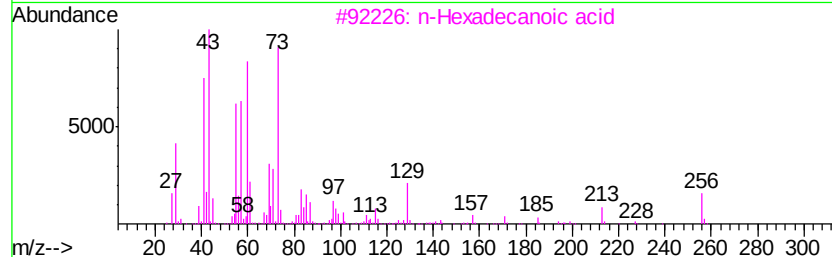
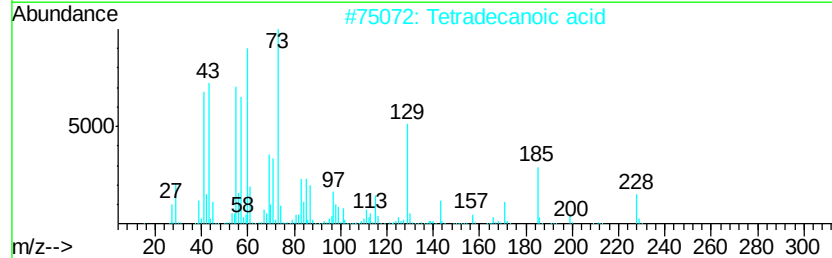
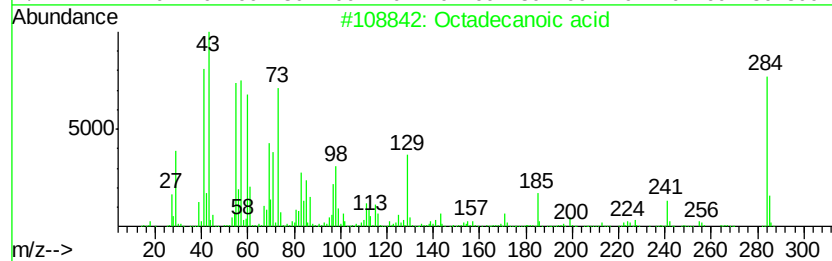
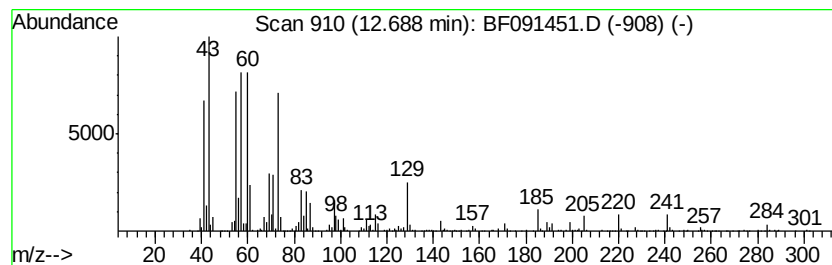
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.69	16.34 ng	696265	Chrysene-d12		13.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091451.D
Acq On : 6 Dec 2016 11:33
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ALS Vial : 25 Sample Multiplier: 1

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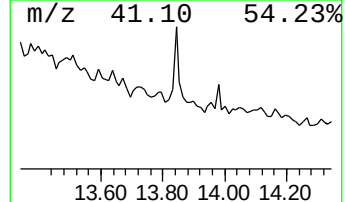
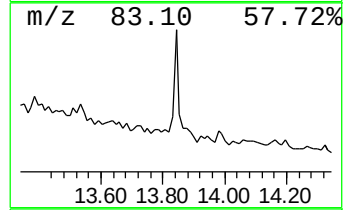
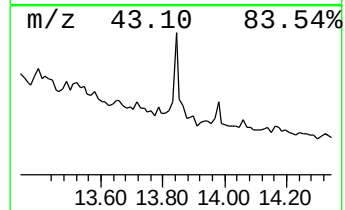
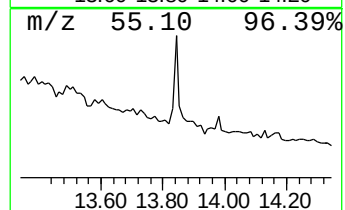
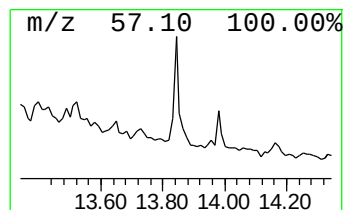
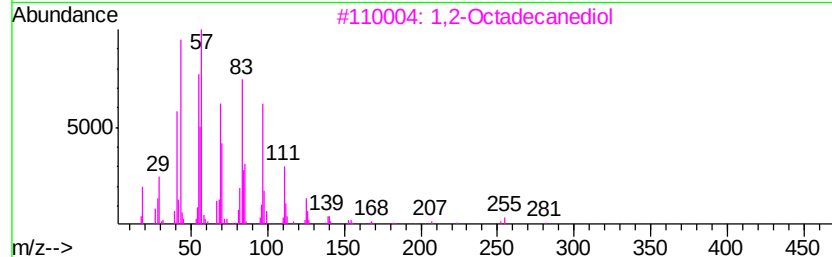
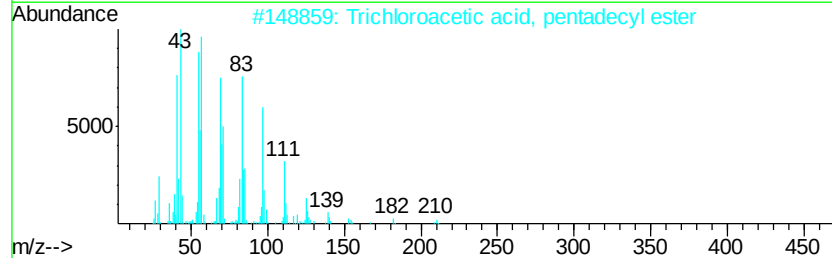
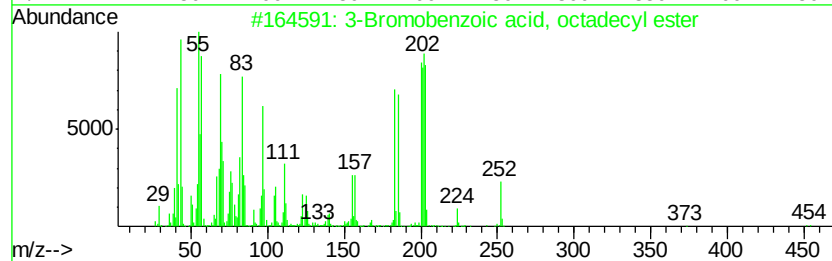
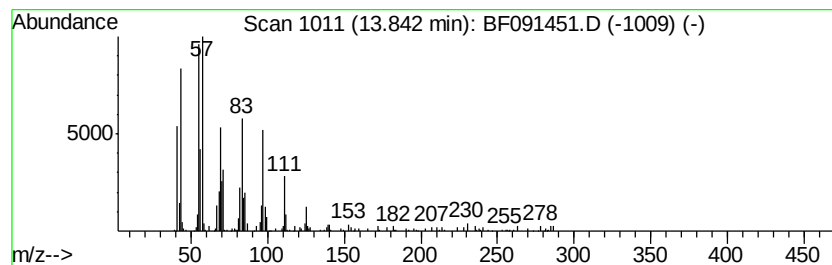
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3-Bromobenzoic acid, octade... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	5.46 ng	232835	Chrysene-d12	13.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Bromobenzoic acid, octadecyl e...	452	C25H41BrO2	070153-14-9	93
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
3			1,2-Octadecanediol	286	C18H38O2	020294-76-2	87
4			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
5			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091451.D
 Acq On : 6 Dec 2016 11:33
 Operator : UM/SJ
 Sample : H5825-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12016SF-W-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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	12.6	ng	556837	1	6.84	881227	20.0
unknown6.61	6.61	70.2	ng	3094880	1	6.84	881227	20.0
Cyclohexane, 1,2,...	8.36	5.9	ng	367634	2	8.13	1239810	20.0
unknown8.56	8.56	6.4	ng	395620	2	8.13	1239810	20.0
unknown8.94	8.94	7.8	ng	481657	2	8.13	1239810	20.0
Naphthalene, 2,7-...	9.46	6.0	ng	544821	3	9.88	1803740	20.0
Naphthalene, 1,4-...	9.54	8.9	ng	806578	3	9.88	1803740	20.0
Naphthalene, 2-(1...	9.99	11.8	ng	1061650	3	9.88	1803740	20.0
Naphthalene, 2,3,...	10.08	7.2	ng	648977	3	9.88	1803740	20.0
1,2,3,4-Tetrahydr...	10.47	7.5	ng	673850	3	9.88	1803740	20.0
Tridecane, 3-methyl-	10.54	10.7	ng	968707	3	9.88	1803740	20.0
Tridecane, 5-propyl-	10.80	38.5	ng	1921420	4	11.36	998661	20.0
Naphthalene, 1-me...	10.87	6.9	ng	345997	4	11.36	998661	20.0
4,4'-Dimethylbiph...	11.01	10.8	ng	539537	4	11.36	998661	20.0
di-p-Tolylacetylene	12.41	6.4	ng	320410	4	11.36	998661	20.0
Octadecanoic acid	12.69	16.3	ng	696265	5	13.99	852226	20.0
3-Bromobenzoic ac...	13.84	5.5	ng	232835	5	13.99	852226	20.0