

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092596.D
 Acq On : 28 Jan 2017 00:38
 Operator : SJ/MA
 Sample : I1531-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S2C2

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-BF012417.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	4.841	240	241	248	rBV	46236	63405	1.18%	0.088%
2	5.173	267	270	282	rVB	1801372	2772646	51.40%	3.857%
3	5.596	304	307	310	rBV	3959506	5334278	98.89%	7.421%
4	6.624	394	397	400	rBV	4114760	5254284	97.41%	7.310%
5	6.750	405	408	410	rBV	4943420	4996855	92.63%	6.952%
6	6.967	425	427	430	rBV	800921	1062871	19.70%	1.479%
7	7.127	439	441	444	rBV	3111765	4246827	78.73%	5.908%
8	7.550	474	478	480	rBV	2585412	3739231	69.32%	5.202%
9	8.144	526	530	531	rBV2	33072	58446	1.08%	0.081%
10	8.270	538	541	543	rBV	1211909	1377857	25.54%	1.917%
11	8.316	543	545	547	rVB	49743	70750	1.31%	0.098%
12	8.350	547	548	552	rVB3	40910	64961	1.20%	0.090%
13	8.464	557	558	562	rVB2	100552	143986	2.67%	0.200%
14	8.544	562	565	567	rBV3	78919	171527	3.18%	0.239%
15	8.613	569	571	572	rBV	48485	57615	1.07%	0.080%
16	8.704	576	579	583	rBV5	108365	246800	4.58%	0.343%
17	8.773	583	585	586	rBV	69771	68772	1.27%	0.096%
18	8.807	586	588	591	rBV4	125539	214773	3.98%	0.299%
19	8.945	599	600	602	rVB2	91001	109386	2.03%	0.152%
20	9.047	607	609	613	rBV4	71531	200981	3.73%	0.280%
21	9.150	616	618	619	rBV2	77628	92358	1.71%	0.128%
22	9.219	622	624	626	rBV3	48824	84149	1.56%	0.117%
23	9.265	626	628	629	rVB2	81004	81197	1.51%	0.113%
24	9.299	629	631	633	rBV3	131321	241348	4.47%	0.336%
25	9.356	633	636	638	rBV	5018556	5394154	100.00%	7.505%
26	9.425	640	642	645	rBV2	198870	358499	6.65%	0.499%
27	9.619	658	659	660	rBV	78761	68723	1.27%	0.096%
28	9.745	668	670	672	rBV	817880	867535	16.08%	1.207%
29	9.836	676	678	680	rVB3	90085	154196	2.86%	0.215%
30	9.893	681	683	685	rBV2	136380	155417	2.88%	0.216%
31	9.939	685	687	689	rVV2	190819	235997	4.38%	0.328%
32	10.030	693	695	697	rVV	1357408	1359792	25.21%	1.892%
33	10.065	697	698	700	rVV	377154	334164	6.19%	0.465%
34	10.133	703	704	706	rVB2	70300	76489	1.42%	0.106%

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35	10.190	706	709	710	rBV2	60150	105932	1.96%	0.147%
36	10.236	711	713	716	rVB	159809	180068	3.34%	0.251%
37	10.293	716	718	722	rVB4	55389	81030	1.50%	0.113%
38	10.453	729	732	734	rBV3	100293	209624	3.89%	0.292%
39	10.579	741	743	746	rVV	314644	313814	5.82%	0.437%
40	10.670	750	751	754	rVV3	86627	126722	2.35%	0.176%
41	10.739	755	757	761	rVV3	77745	88132	1.63%	0.123%
42	10.830	762	765	767	rVV	2397006	2612643	48.43%	3.635%
43	10.865	767	768	770	rVV2	46932	54284	1.01%	0.076%
44	10.933	772	774	779	rVB	222024	330871	6.13%	0.460%
45	11.276	800	804	807	rBV5	35467	106503	1.97%	0.148%
46	11.379	810	813	815	rBV2	184098	214539	3.98%	0.298%
47	11.413	815	816	820	rVB	178120	196939	3.65%	0.274%
48	11.528	823	826	827	rBV	953548	1629772	30.21%	2.267%
49	11.551	827	828	830	rVV	2641679	1890458	35.05%	2.630%
50	11.596	830	832	834	rVV	927814	786388	14.58%	1.094%
51	11.631	834	835	838	rVB2	52421	53996	1.00%	0.075%
52	11.756	844	846	849	rVB	199905	178233	3.30%	0.248%
53	11.813	849	851	853	rVB	106779	121097	2.24%	0.168%
54	12.031	867	870	871	rBV	138685	223925	4.15%	0.312%
55	12.053	871	872	874	rVV	317831	244407	4.53%	0.340%
56	12.099	874	876	878	rVV	122599	124498	2.31%	0.173%
57	12.133	878	879	883	rVB	377161	599614	11.12%	0.834%
58	12.213	884	886	889	rBV3	55264	90500	1.68%	0.126%
59	12.316	894	895	899	rVB2	154867	265520	4.92%	0.369%
60	12.453	905	907	910	rBV2	93804	139568	2.59%	0.194%
61	12.579	916	918	919	rBV	92334	119226	2.21%	0.166%
62	12.613	919	921	924	rVB3	80042	118905	2.20%	0.165%
63	12.659	924	925	930	rBV3	61128	100271	1.86%	0.140%
64	12.739	930	932	934	rBV	2531567	2748840	50.96%	3.824%
65	12.796	934	937	939	rVB2	35754	64625	1.20%	0.090%
66	12.888	943	945	949	rBV2	87290	103211	1.91%	0.144%
67	12.968	949	952	955	rBV	2257369	2960535	54.88%	4.119%
68	13.014	955	956	959	rVB2	115033	115625	2.14%	0.161%
69	13.116	962	965	967	rVB	3511494	3953929	73.30%	5.501%
70	13.185	967	971	973	rBV2	125566	190391	3.53%	0.265%
71	13.299	977	981	982	rBV	370160	510758	9.47%	0.711%

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72	13.356	985	986	988	rBV	244692	311397	5.77%	0.433%
73	13.402	988	990	991	rBV2	161005	199850	3.70%	0.278%
74	13.494	996	998	999	rVV	85449	77927	1.44%	0.108%
75	13.528	999	1001	1004	rVV	82139	158811	2.94%	0.221%
76	13.585	1004	1006	1012	rVV5	94331	275076	5.10%	0.383%
77	13.916	1032	1035	1036	rBV	222460	271645	5.04%	0.378%
78	13.962	1038	1039	1042	rVV2	160583	335340	6.22%	0.467%
79	14.008	1042	1043	1045	rVB	239450	223981	4.15%	0.312%
80	14.156	1053	1056	1058	rBV2	1476809	2609401	48.37%	3.630%
81	14.271	1064	1066	1068	rBV	350784	312572	5.79%	0.435%
82	14.545	1088	1090	1092	rBV	111279	177550	3.29%	0.247%
83	15.219	1146	1149	1153	rBV	826814	1728130	32.04%	2.404%
84	15.322	1157	1158	1160	rVB	138269	145804	2.70%	0.203%
85	15.528	1173	1176	1179	rVB	500067	689275	12.78%	0.959%
86	15.597	1179	1182	1184	rBV	606674	936330	17.36%	1.303%
87	15.654	1184	1187	1189	rBV	526517	769459	14.26%	1.071%
88	17.151	1315	1318	1322	rVB2	247056	492759	9.14%	0.686%
89	17.597	1354	1357	1366	rBV	179589	445809	8.26%	0.620%

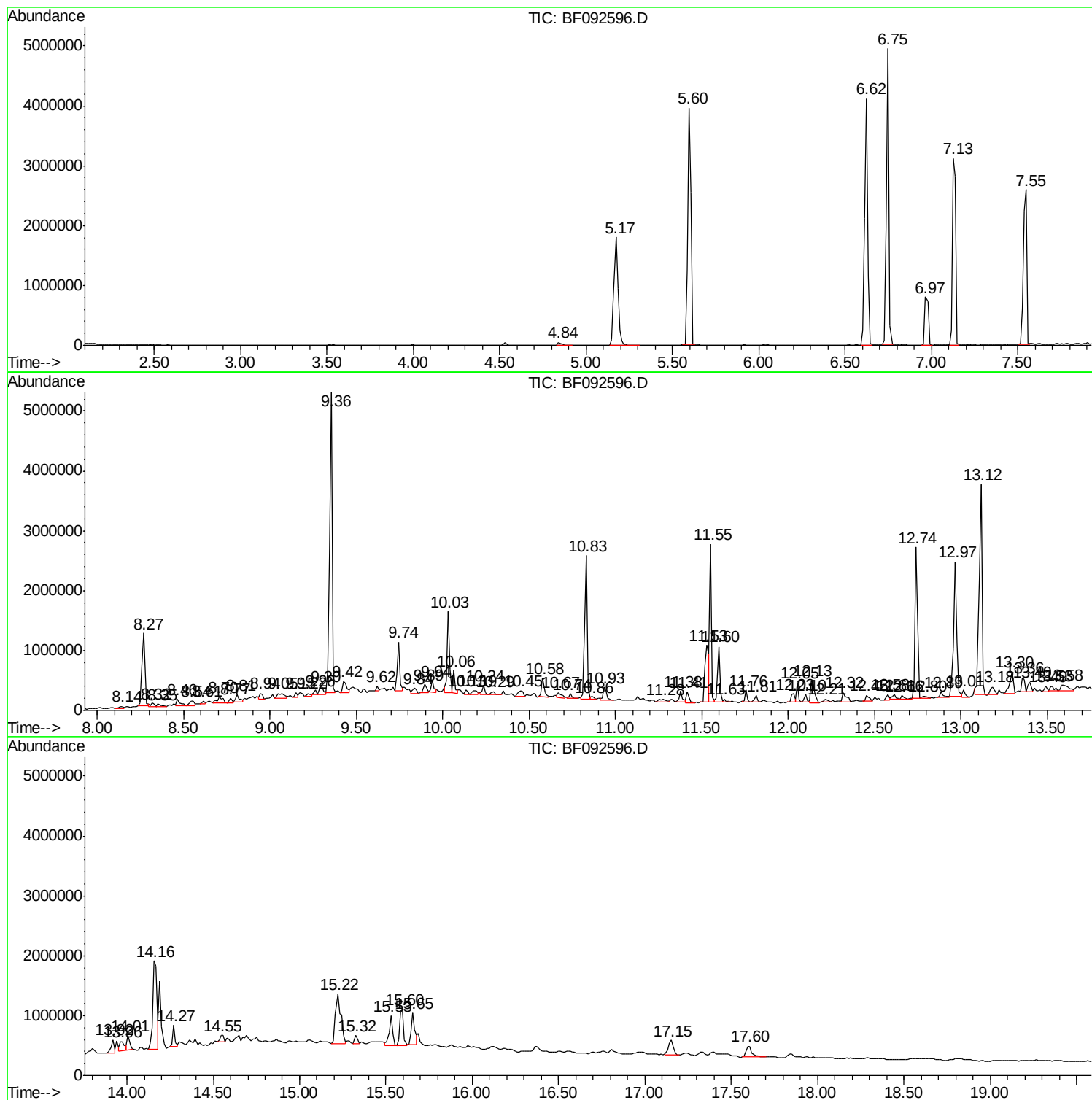
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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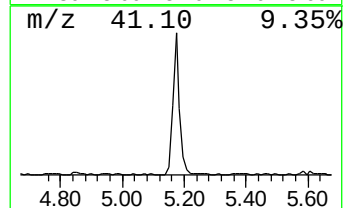
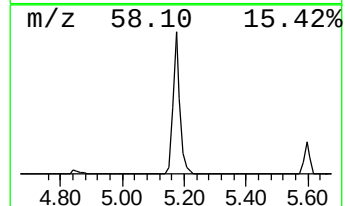
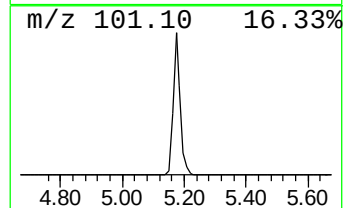
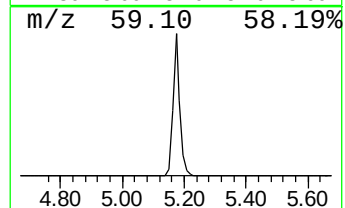
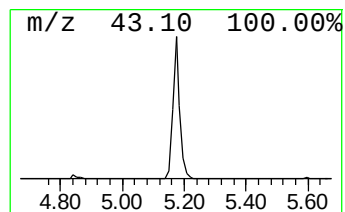
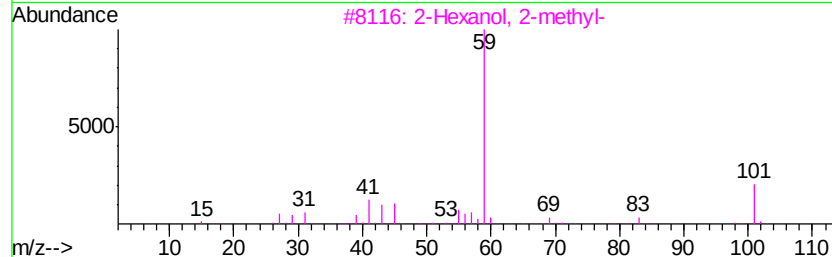
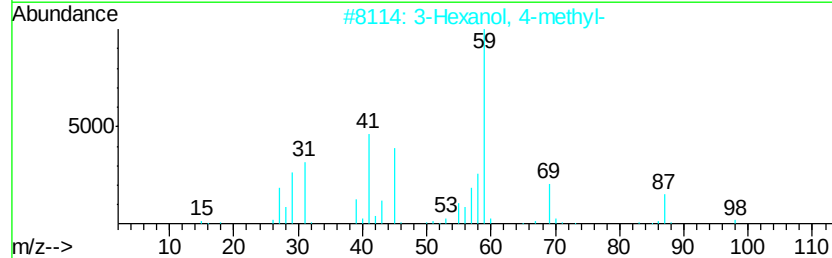
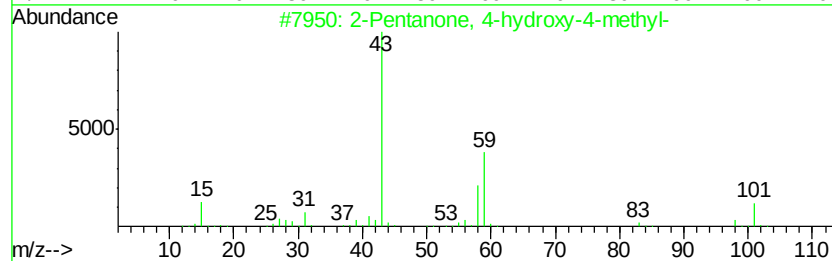
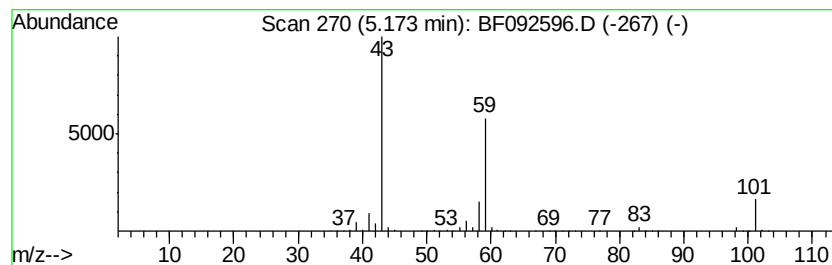
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	52.17 ng	2772650	1,4-Dichlorobenzene-d4	6.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9



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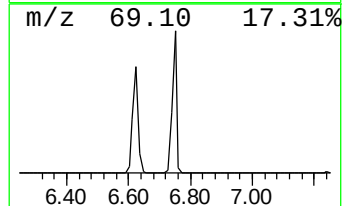
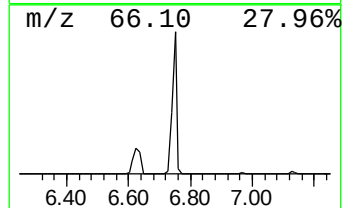
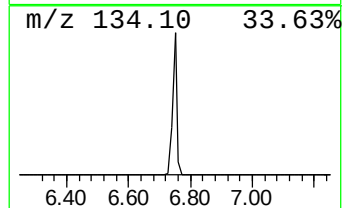
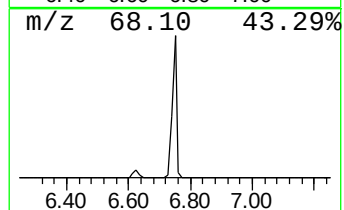
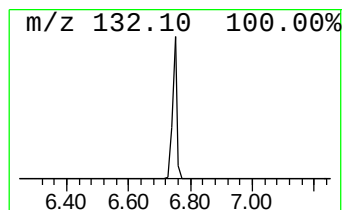
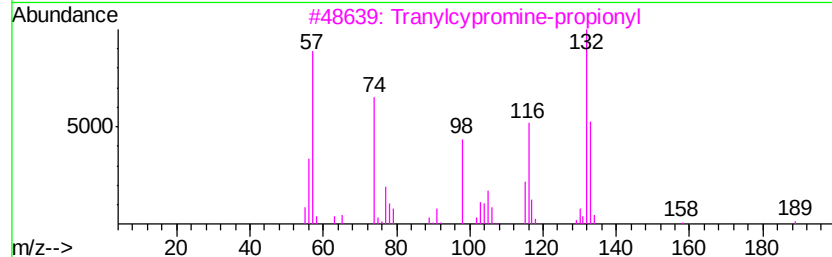
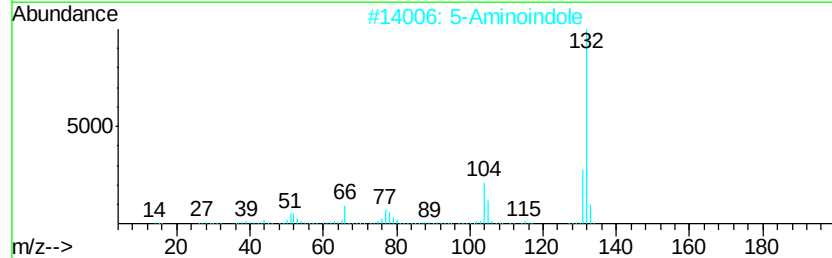
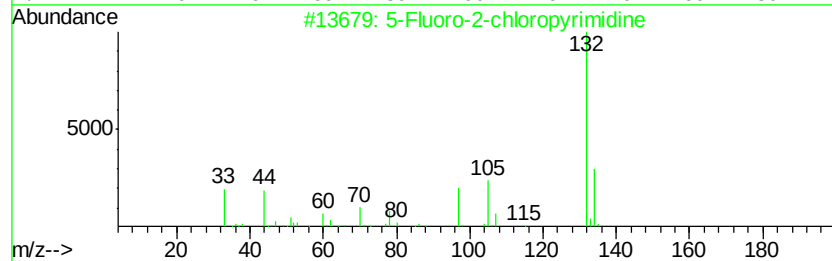
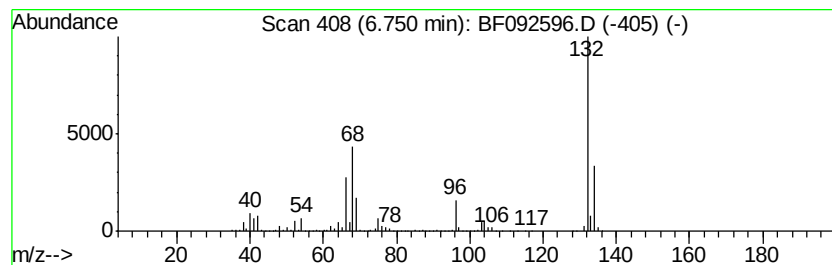
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	94.03 ng	4996860	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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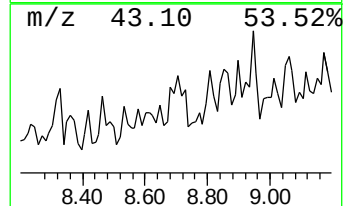
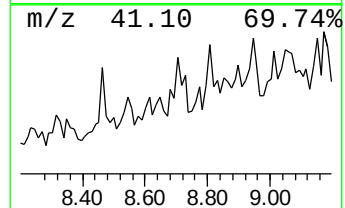
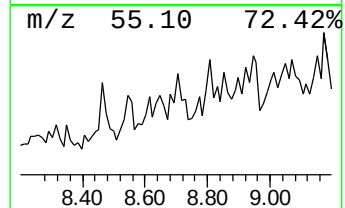
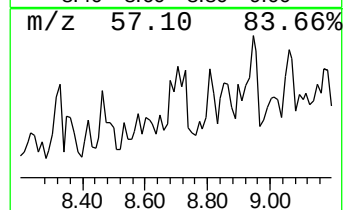
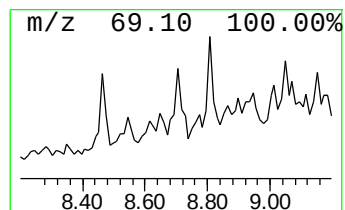
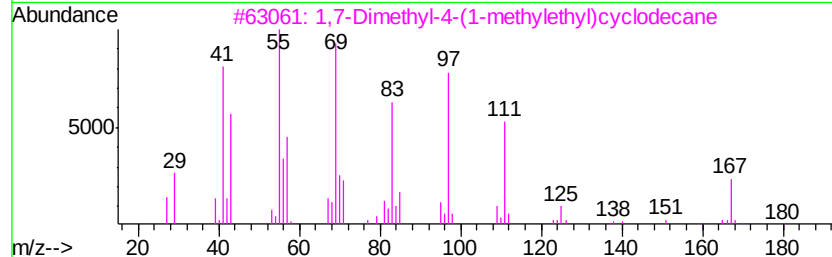
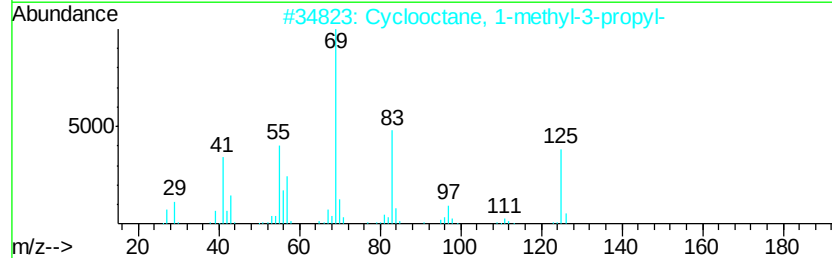
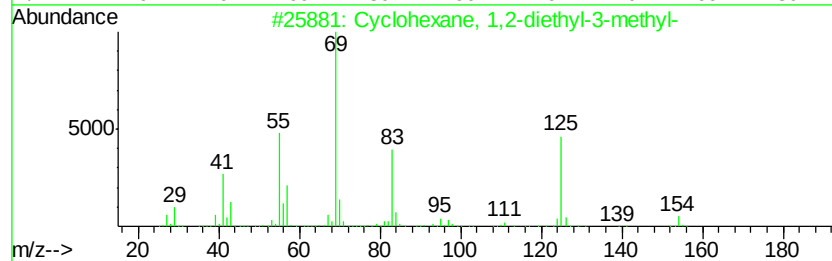
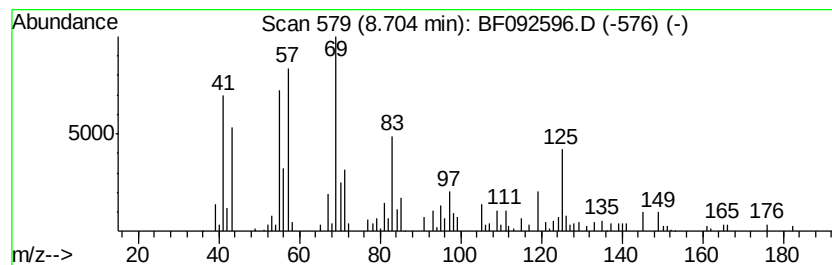
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1,2-diethyl-3-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.70	3.58 ng	246800	Napthalene-d8	8.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	50
2	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
3	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	43
4	3-Methylpenta-1,3-diene-5-ol, (E)-	98	C6H10O	001572-08-3	38
5	1,4-Bis(trifluoroacetyl)-3-(2-me...	418	C16H20F6N2O4	1000281-06-6	35



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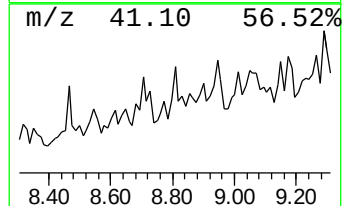
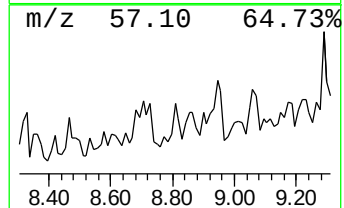
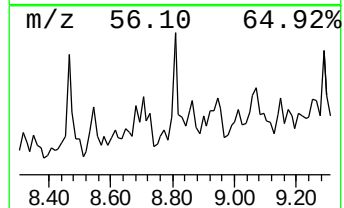
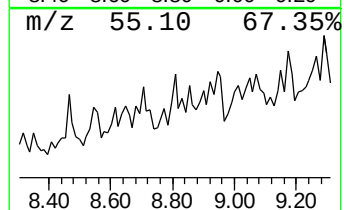
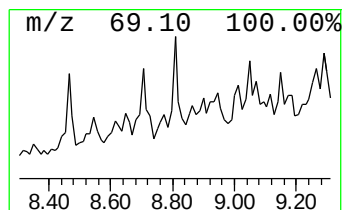
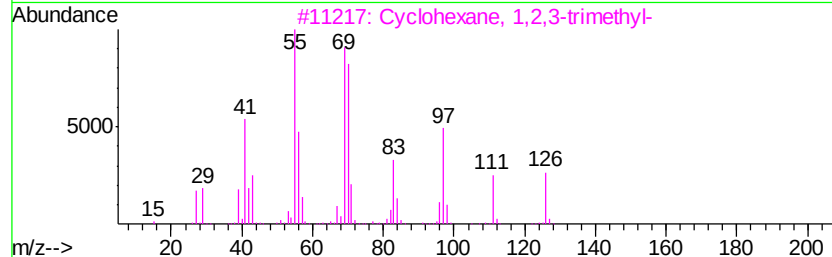
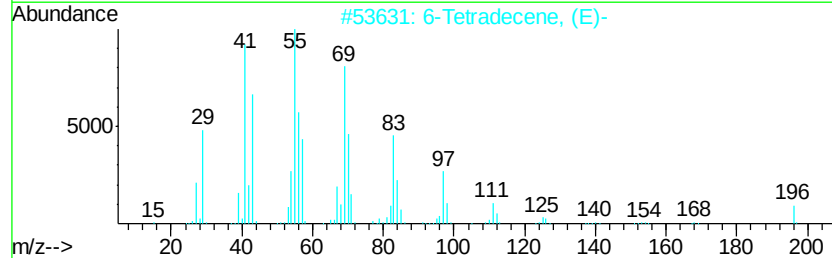
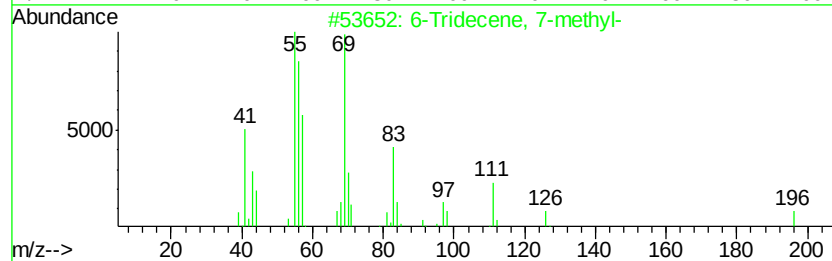
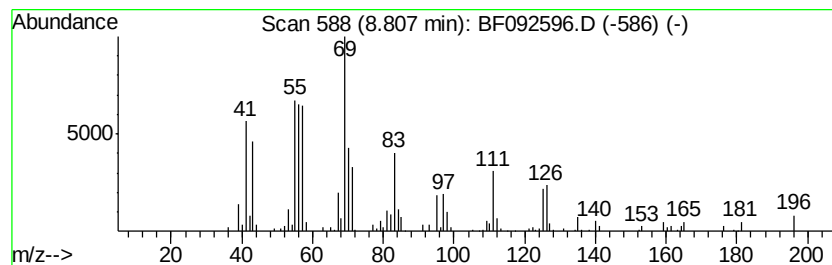
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 6-Tridecene, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	3.12 ng	214773	Napthalene-d8	8.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	68	
2	6-Tetradecene, (E)-	196	C14H28	041446-64-4	68	
3	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	58	
4	4-Tetradecene, (E)-	196	C14H28	041446-78-0	55	
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092596.D
Acq On : 28 Jan 2017 00:38
Operator : SJ/MA
Sample : I1531-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

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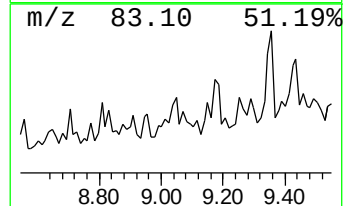
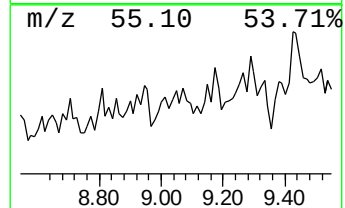
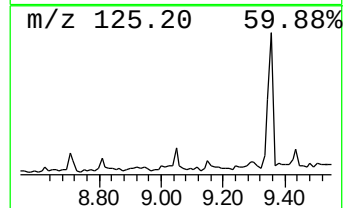
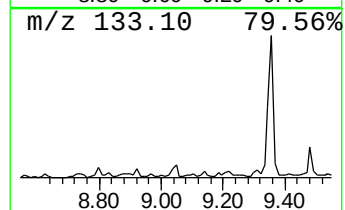
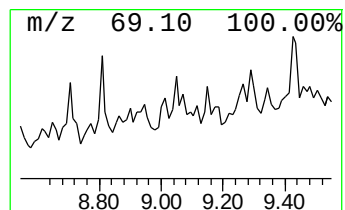
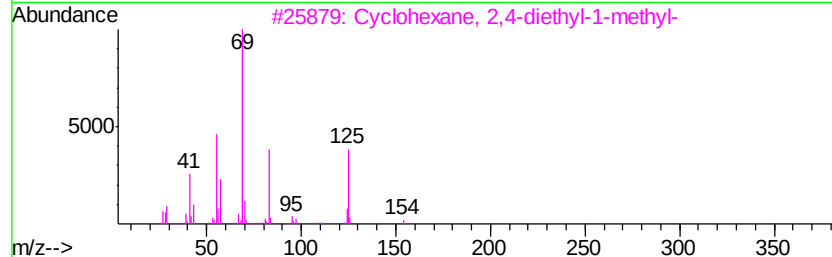
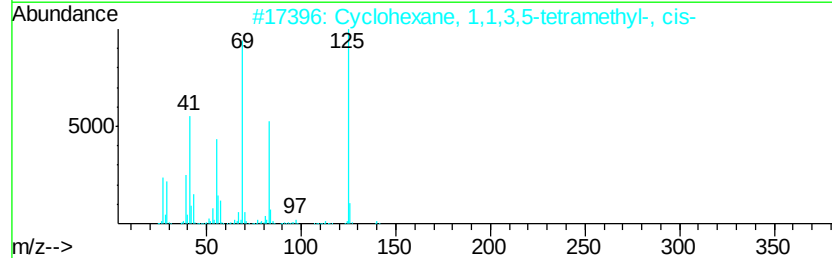
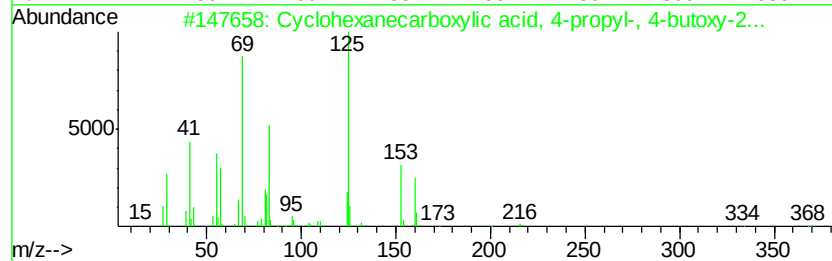
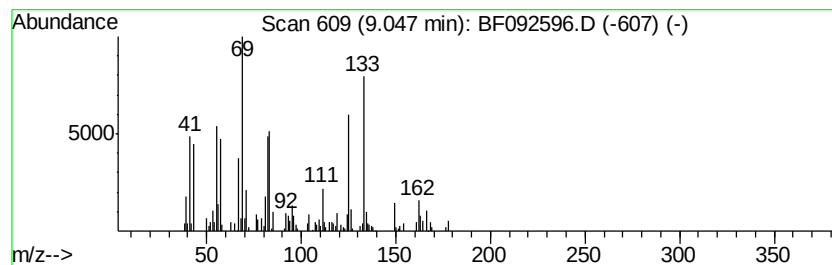
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	2.92 ng	200981	Napthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanecarboxylic acid, 4-pr...	368	C22H28N2O3	075941-67-2	38
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	35
3		Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	35
4		Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	35
5		1-Dodecyn-4-ol	182	C12H22O	074646-36-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092596.D
Acq On : 28 Jan 2017 00:38
Operator : SJ/MA
Sample : I1531-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

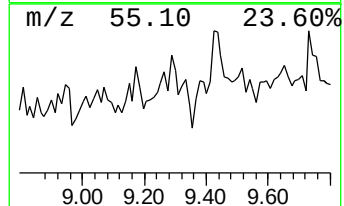
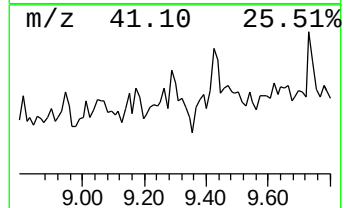
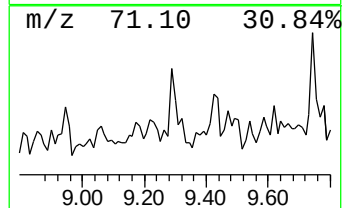
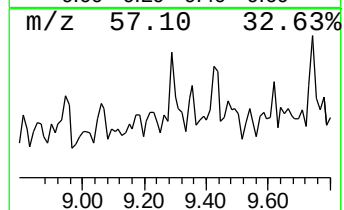
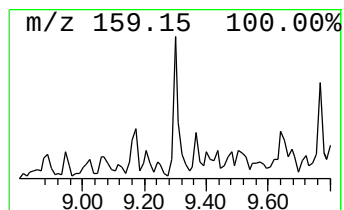
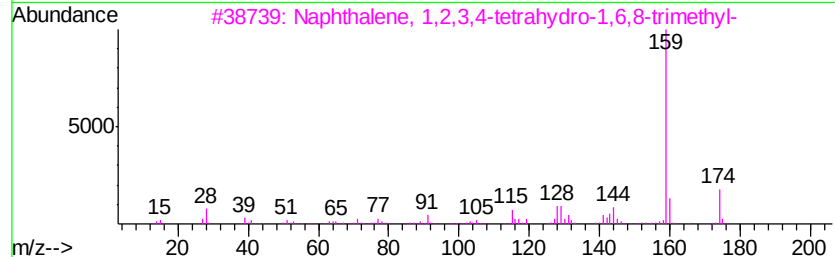
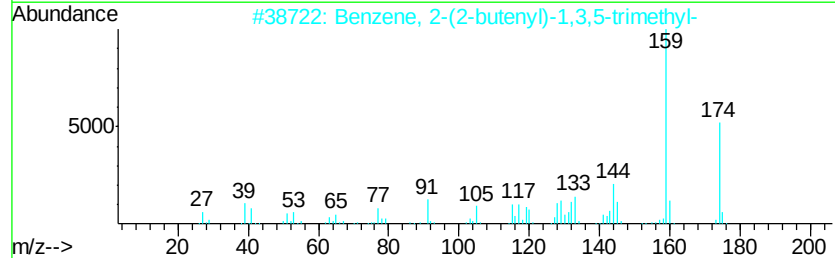
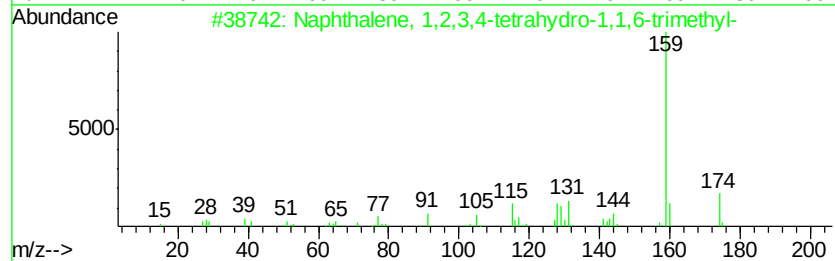
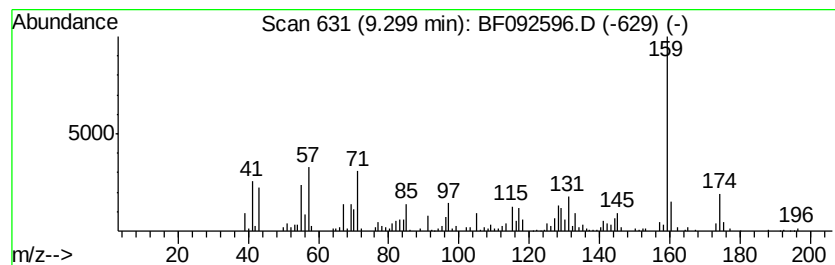
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	3.55 ng	241348	Acenaphthene-d10	10.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	174 C13H18	000475-03-6 93
2		Benzene, 2-(2-butenyl)-1,3,5-tri...	174 C13H18	063435-25-6 87
3		Naphthalene, 1,2,3,4-tetrahydro-...	174 C13H18	030316-36-0 76
4		Naphthalene, 1,2,3,4-tetrahydro-...	174 C13H18	021693-55-0 74
5		1H-Inden-1-one, 2,3-dihydro-3,4,...	174 C12H14O	035322-84-0 74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092596.D
Acq On : 28 Jan 2017 00:38
Operator : SJ/MA
Sample : I1531-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

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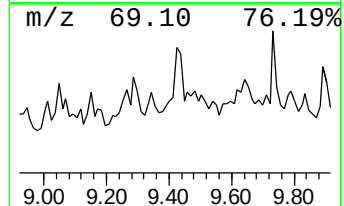
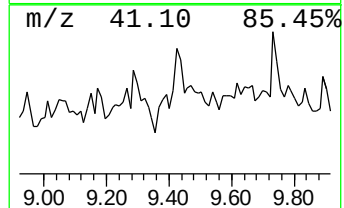
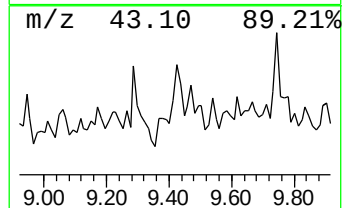
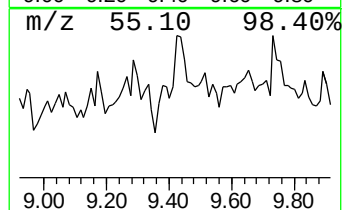
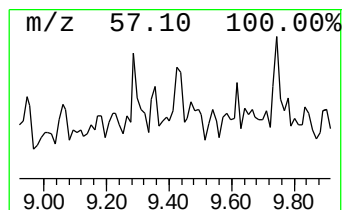
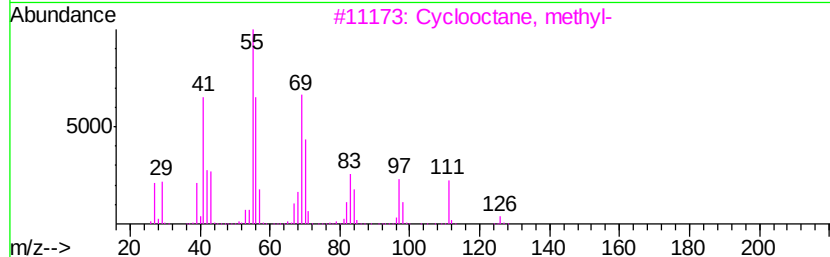
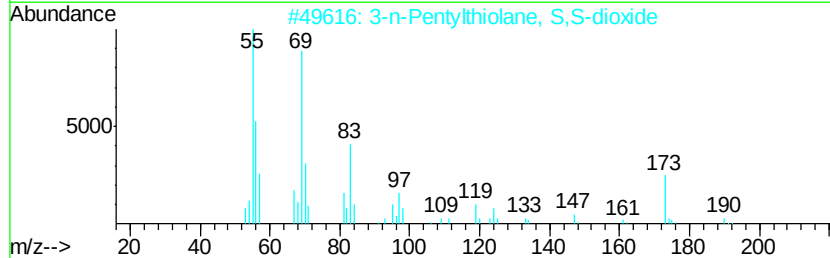
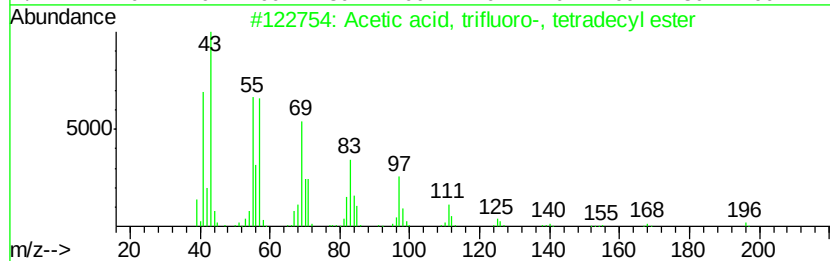
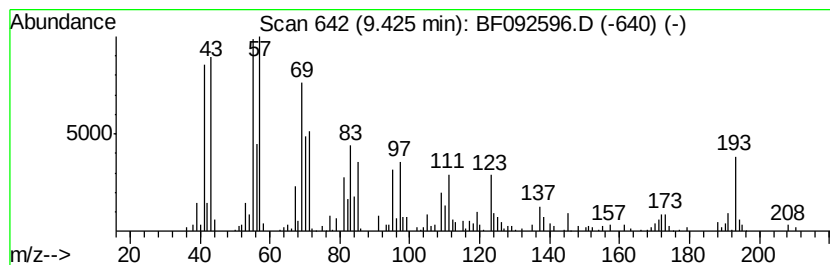
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.42 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	5.27 ng	358499	Acenaphthene-d10	10.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, trifluoro-, tetradec...	310	C16H29F3O2	006222-02-2	46
2			3-n-Pentylthiolane, S,S-dioxide	190	C9H18O2S	071053-06-0	42
3			Cyclooctane, methyl-	126	C9H18	001502-38-1	42
4			3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	38
5			Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
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Operator : SJ/MA
Sample : I1531-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

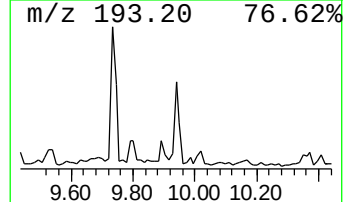
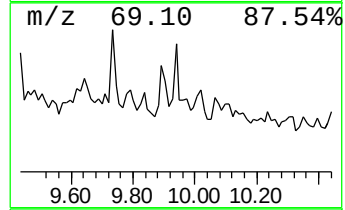
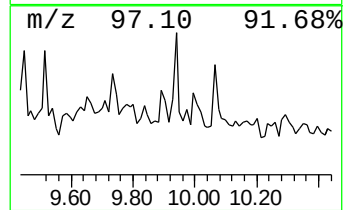
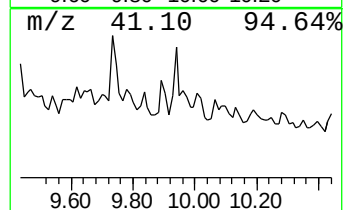
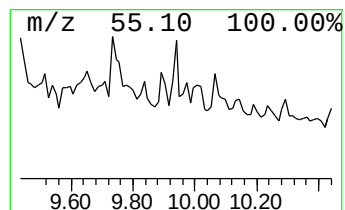
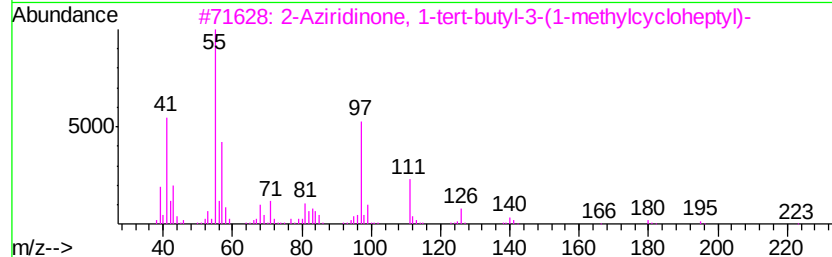
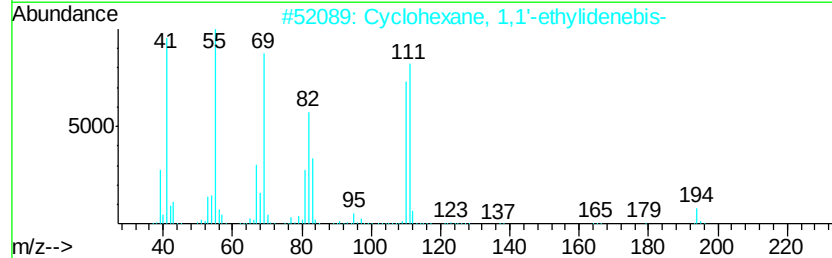
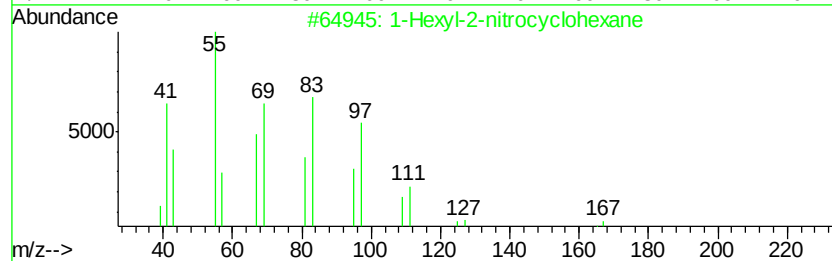
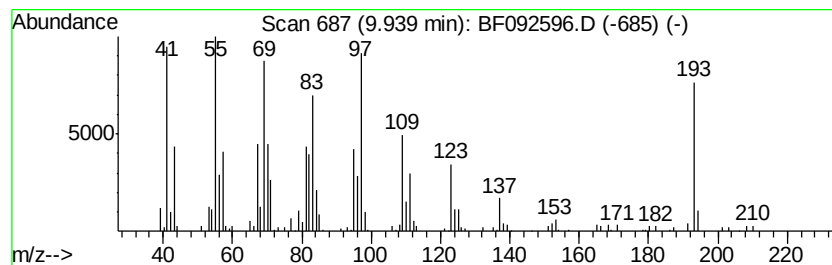
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.94 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.94	3.47 ng	235997	Acenaphthene-d10	10.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	35
2	Cyclohexane, 1,1'-ethylidenebis-	194	C14H26	002319-61-1	25
3	2-Aziridinone, 1-tert-butyl-3-(1...	223	C14H25NO	026944-18-3	18
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	18
5	2-Anthracenamine	193	C14H11N	000613-13-8	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
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Acq On : 28 Jan 2017 00:38
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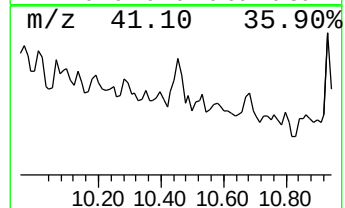
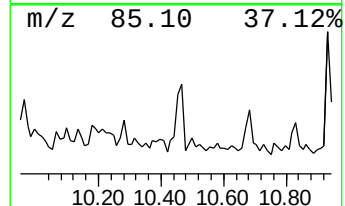
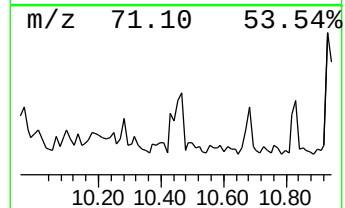
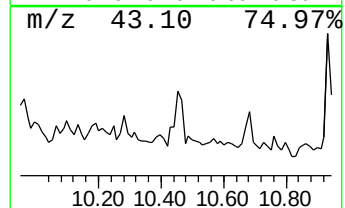
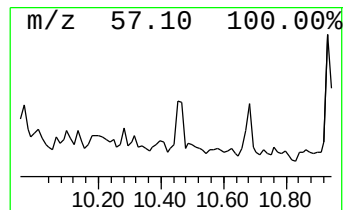
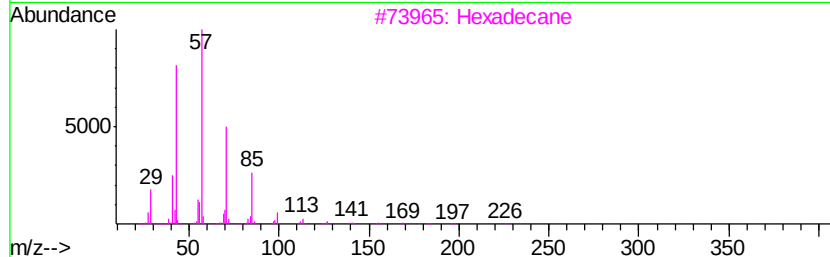
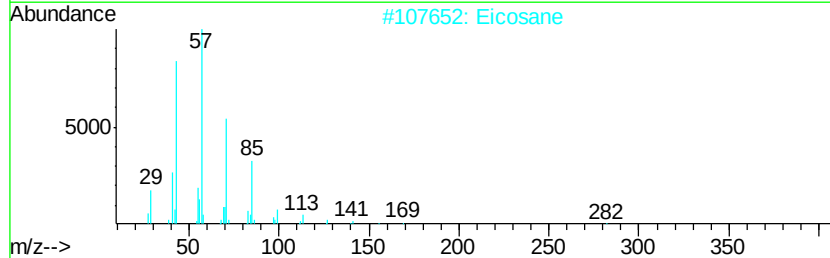
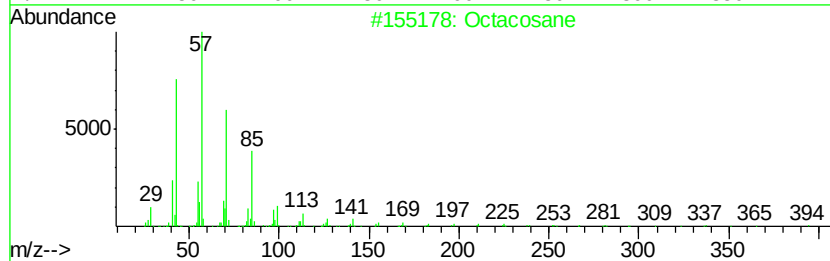
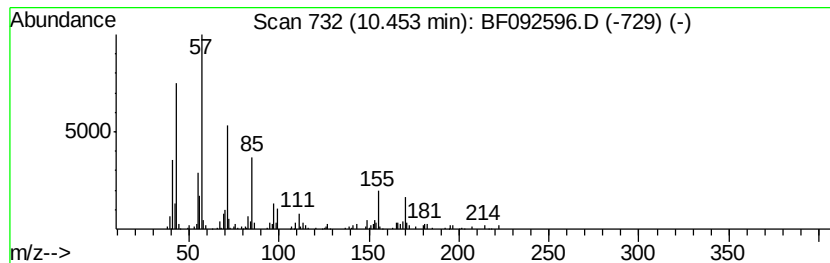
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	3.08 ng	209624	Acenaphthene-d10	10.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394 C28H58	000630-02-4	59
2	Eicosane	282 C20H42	000112-95-8	52
3	Hexadecane	226 C16H34	000544-76-3	52
4	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	52
5	Tetradecane, 1-iodo-	324 C14H29I	019218-94-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092596.D
Acq On : 28 Jan 2017 00:38
Operator : SJ/MA
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Misc :
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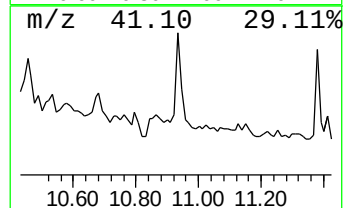
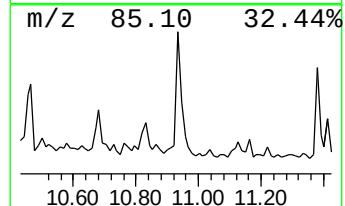
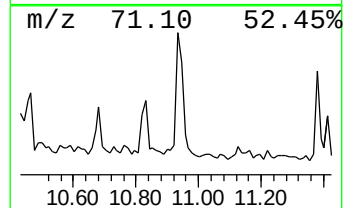
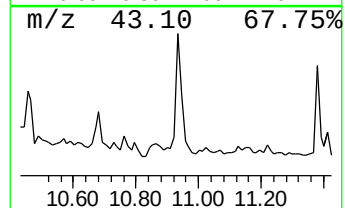
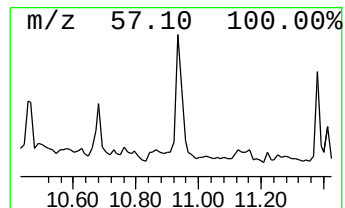
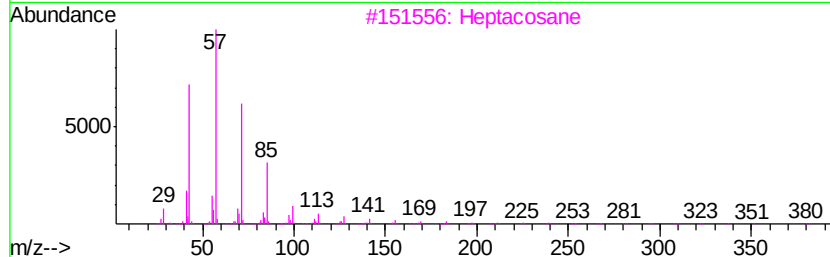
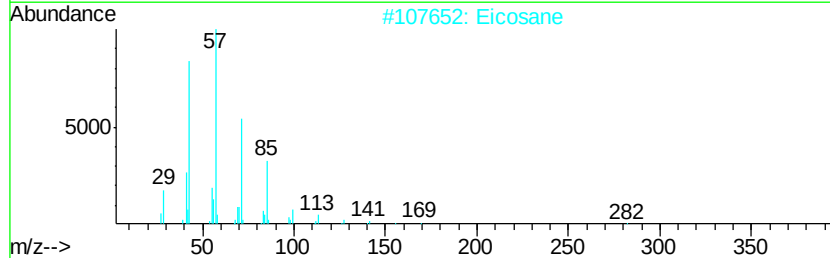
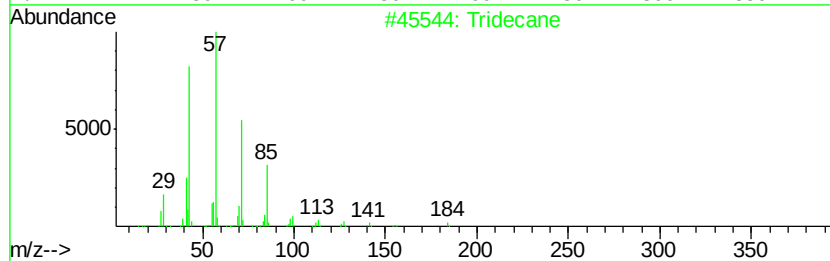
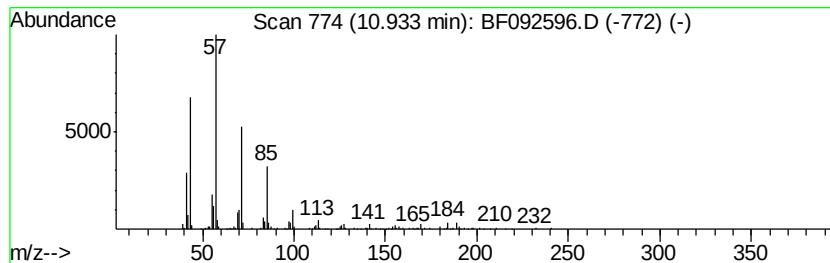
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	4.06 ng	330871	Phenanthrene-d10	11.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Eicosane	282	C20H42	000112-95-8	91
3		Heptacosane	380	C27H56	000593-49-7	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Hexadecane	226	C16H34	000544-76-3	86



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Operator : SJ/MA
Sample : I1531-02
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ClientSampleId :
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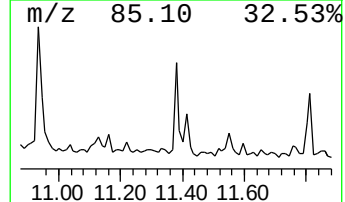
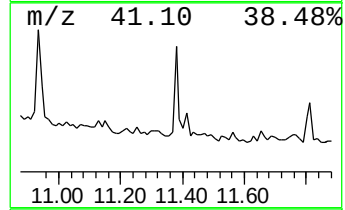
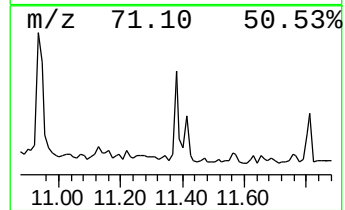
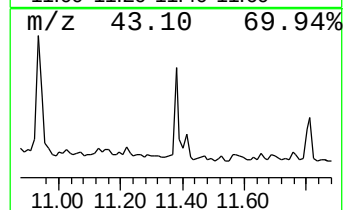
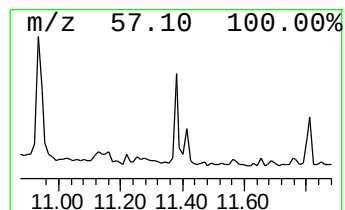
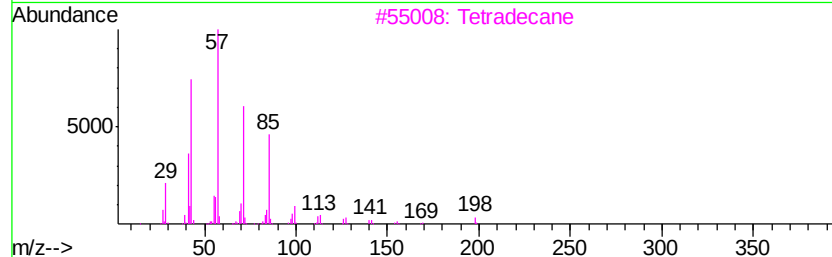
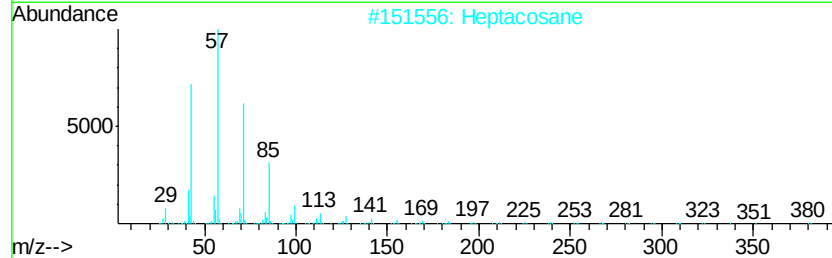
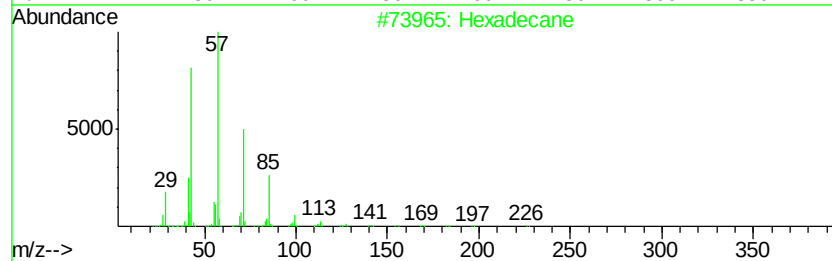
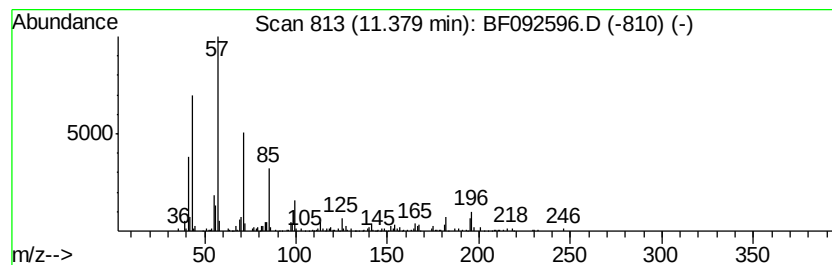
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	2.63 ng	214539	Phenanthrene-d10	11.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	62
2		Heptacosane	380	C27H56	000593-49-7	58
3		Tetradecane	198	C14H30	000629-59-4	58
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
5		Pentadecane	212	C15H32	000629-62-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092596.D
Acq On : 28 Jan 2017 00:38
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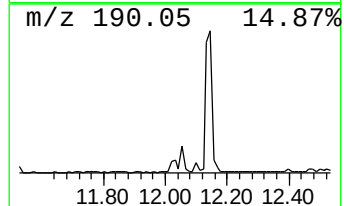
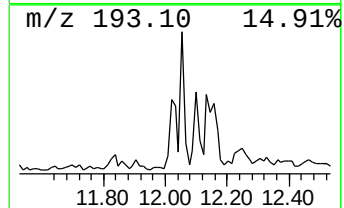
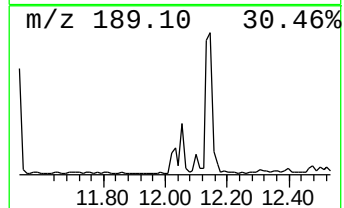
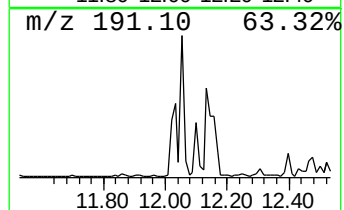
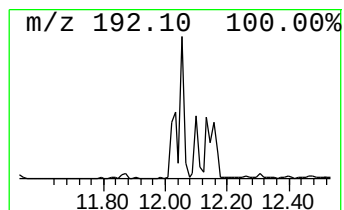
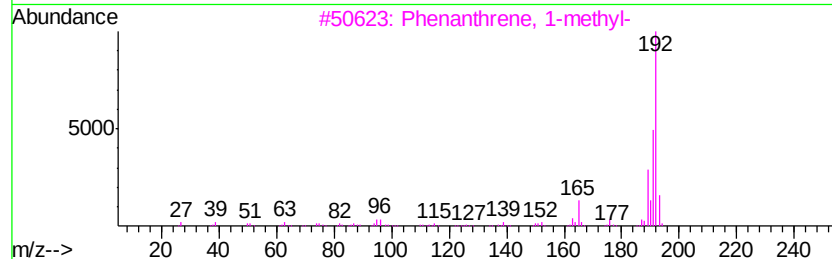
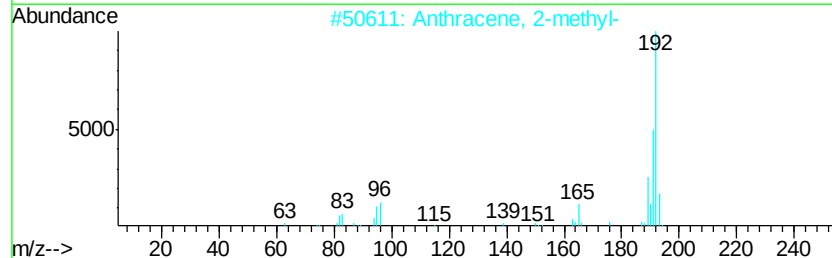
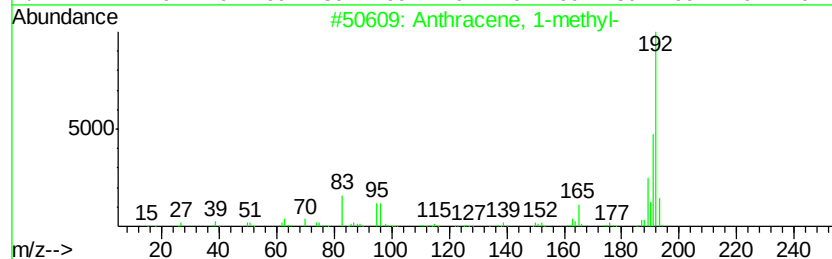
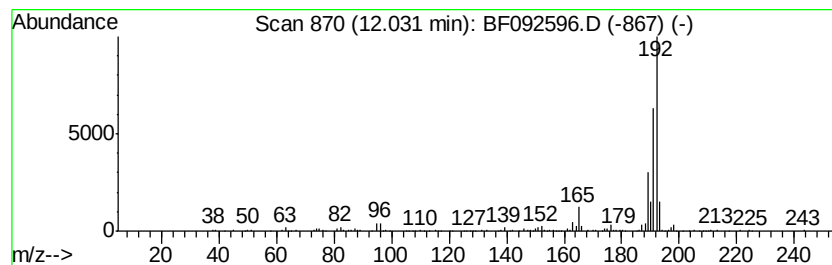
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.75 ng	223925	Phenanthrene-d10	11.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092596.D
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Sample : I1531-02
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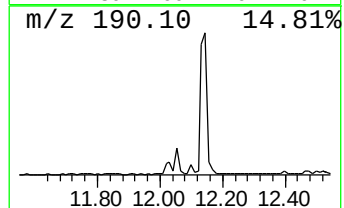
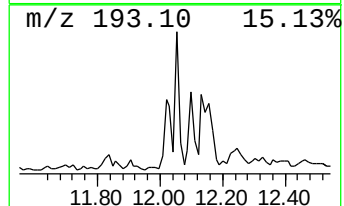
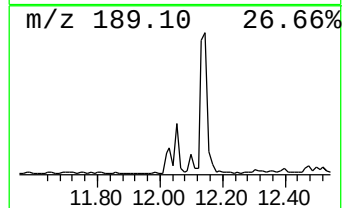
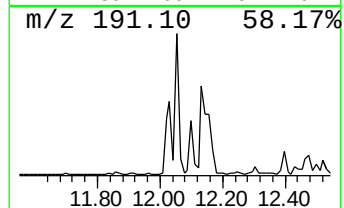
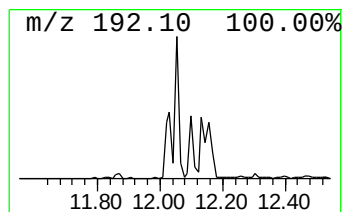
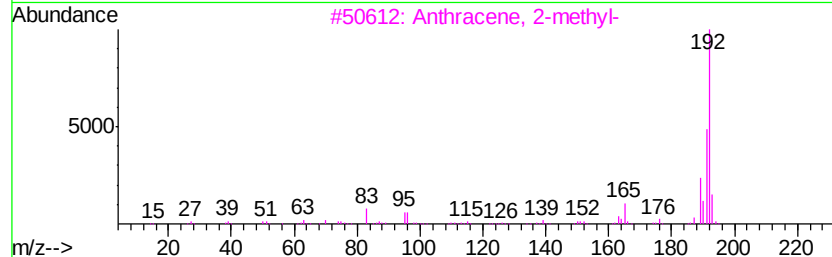
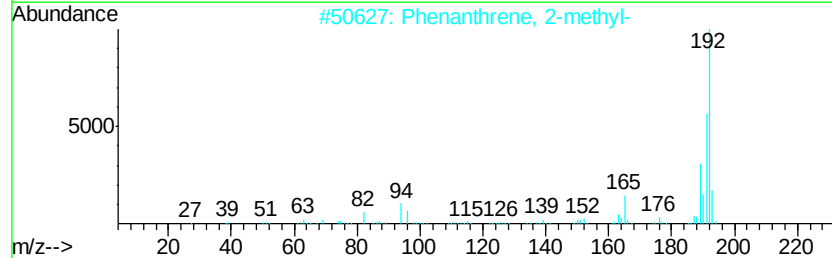
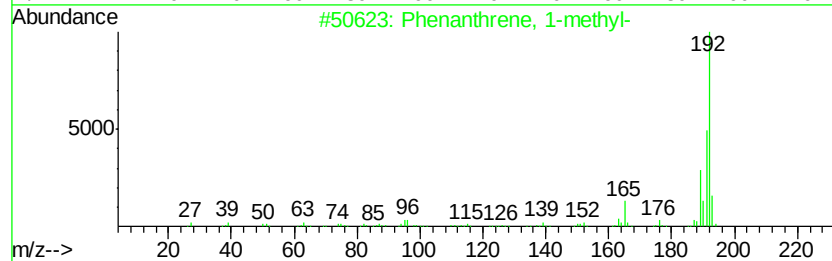
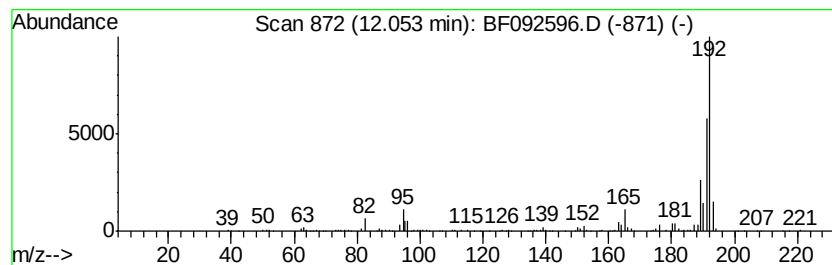
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.05	3.00 ng	244407	Phenanthrene-d10	11.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092596.D
Acq On : 28 Jan 2017 00:38
Operator : SJ/MA
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Misc :
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ClientSampleId :
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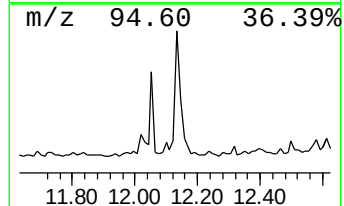
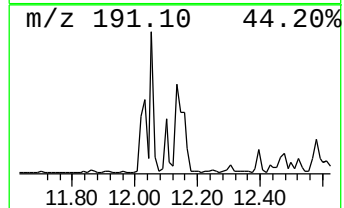
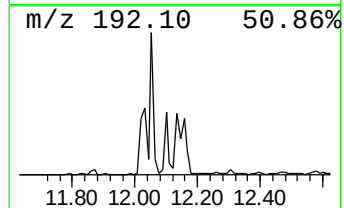
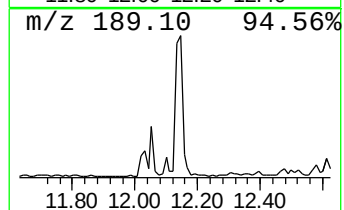
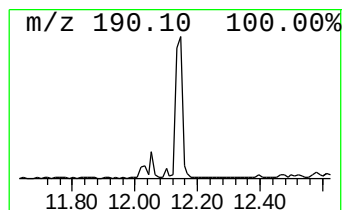
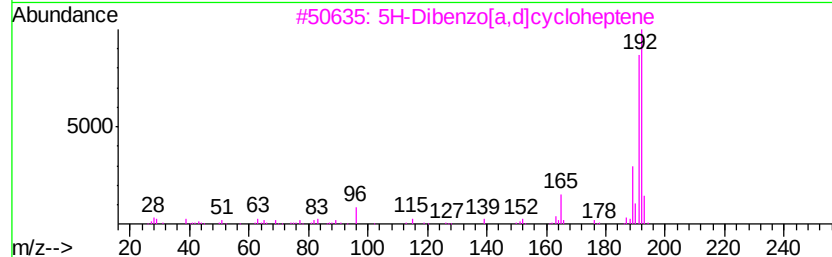
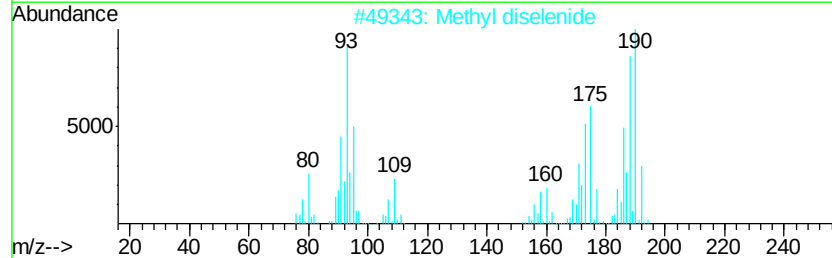
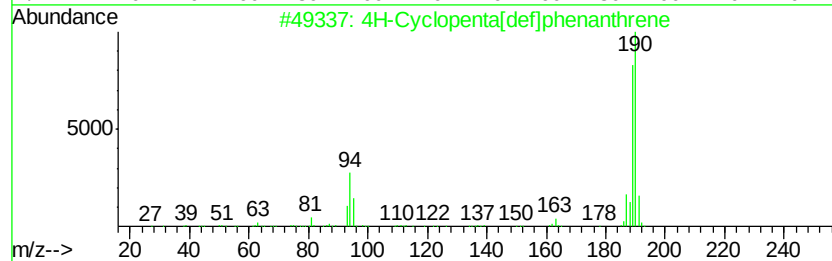
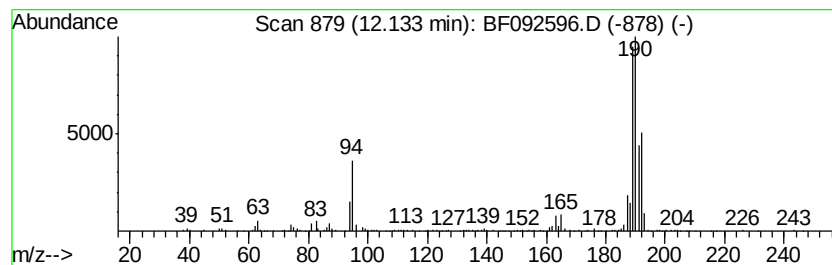
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	7.36 ng	599614	Phenanthrene-d10	11.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		Methyl diselenide	190	C2H6Se2	007101-31-7	38
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	11
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
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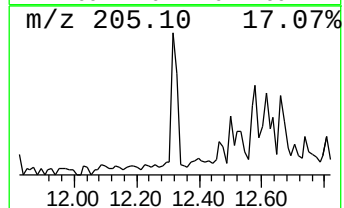
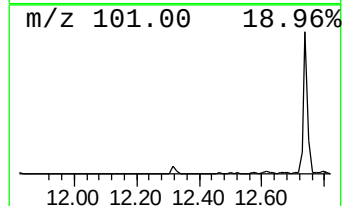
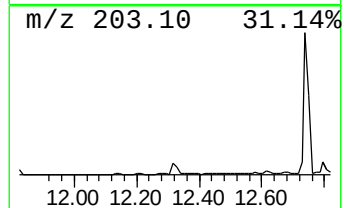
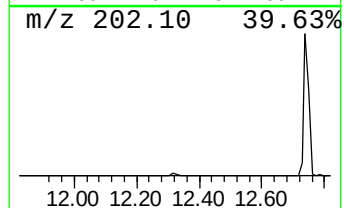
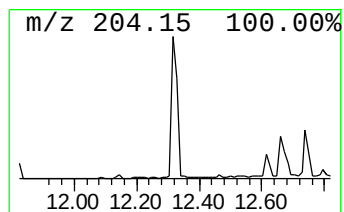
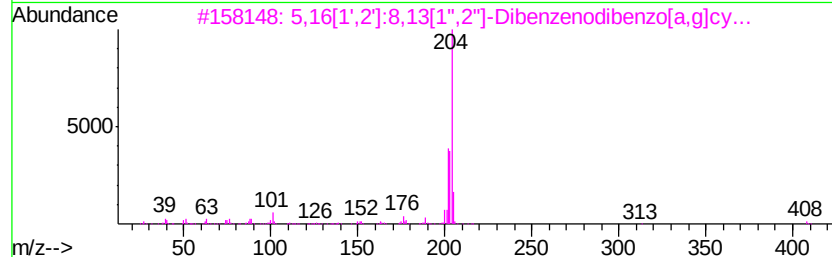
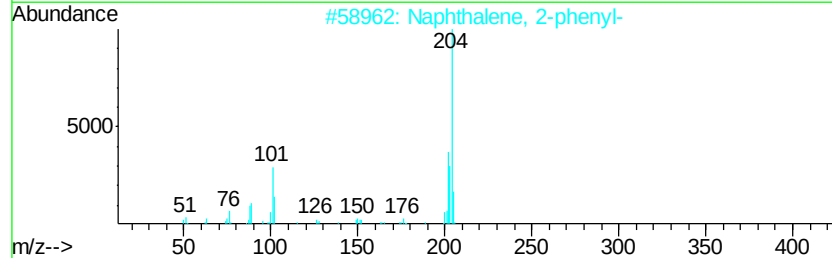
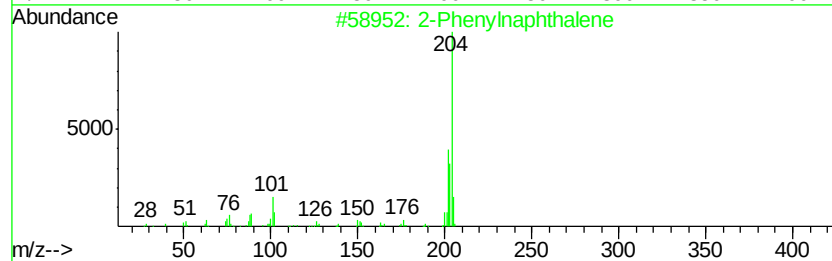
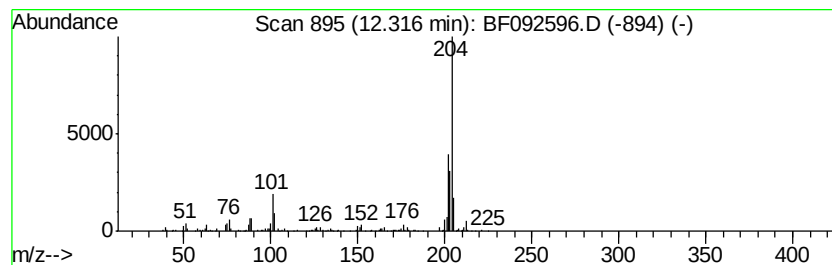
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Phenylnaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	3.26 ng	265520	Phenanthrene-d10	11.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092596.D
Acq On : 28 Jan 2017 00:38
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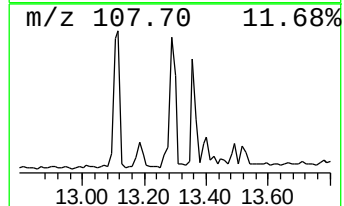
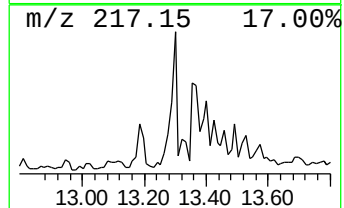
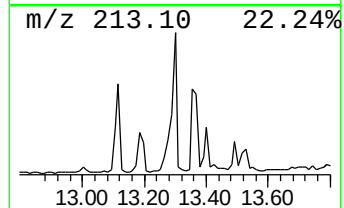
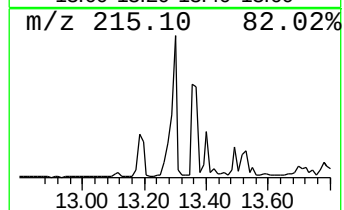
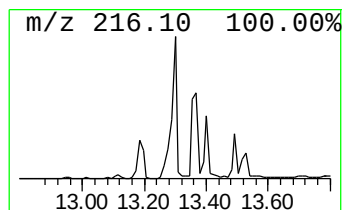
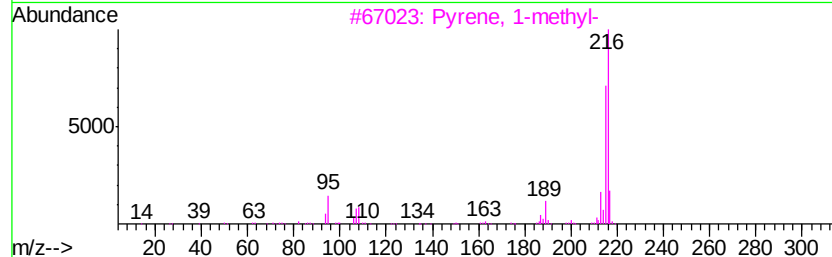
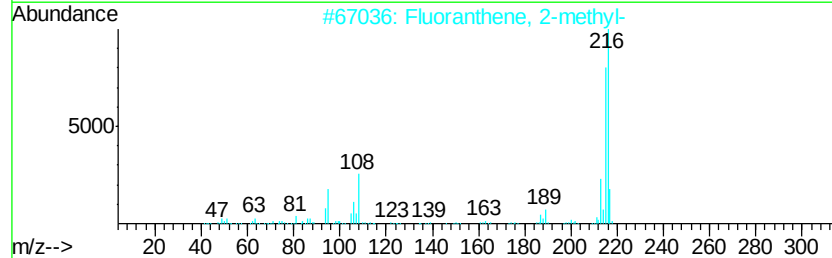
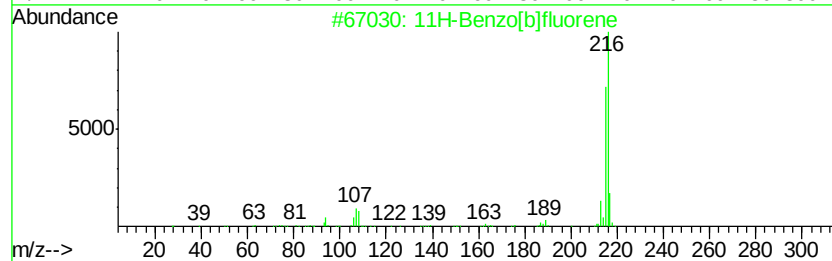
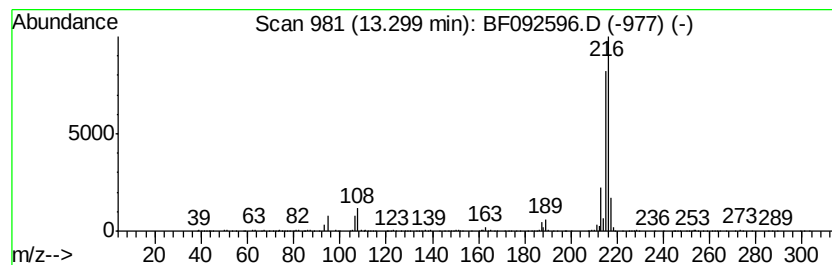
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	3.91 ng	510758	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
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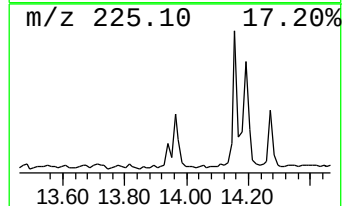
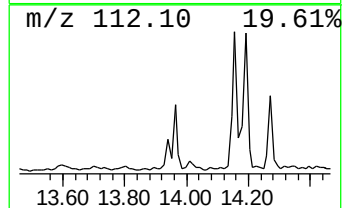
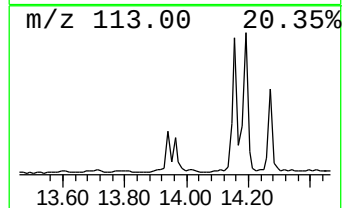
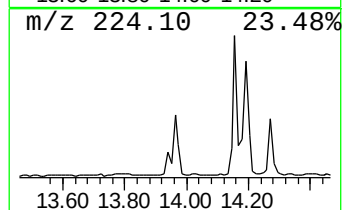
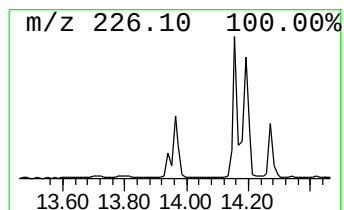
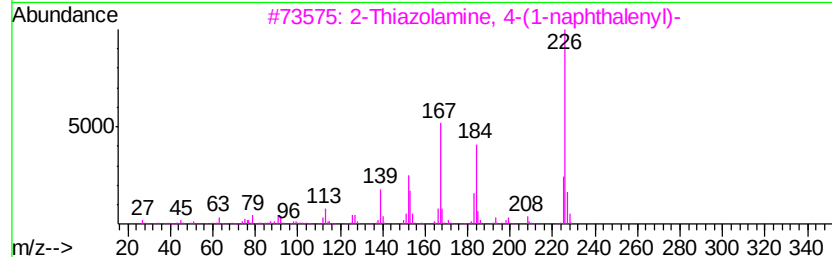
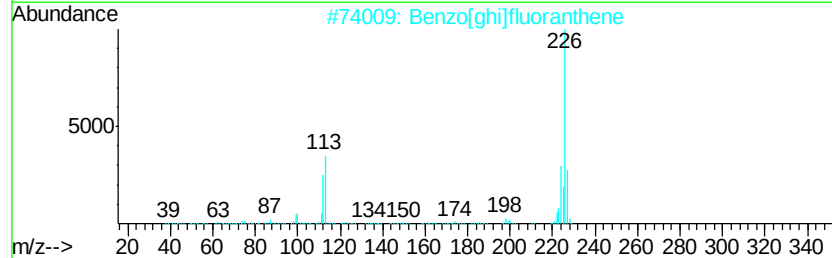
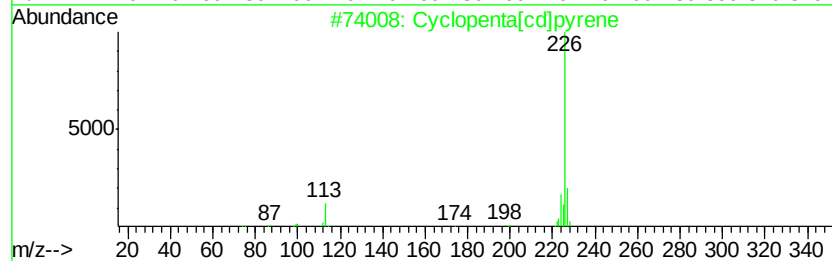
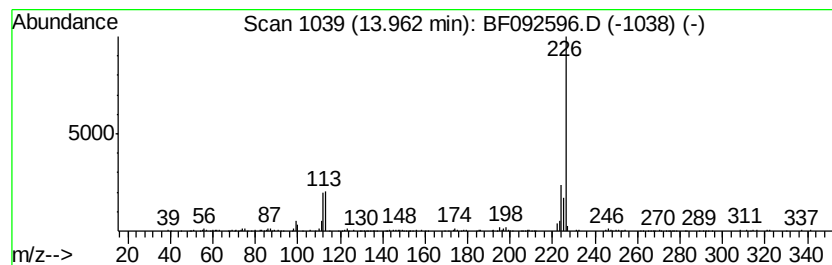
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.57 ng	335340	Chrysene-d12	14.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 52
2		Benzo[ghi]fluoranthene	226 C18H10	000203-12-3 38
3		2-Thiazolamine, 4-(1-naphthalenyl)-	226 C13H10N2S	056503-96-9 9
4		9H-Pyrido[3,4-b]indole, 7-methox...	226 C14H14N2O	143502-37-8 9
5		Anthracene, 1,8-diethynyl-	226 C18H10	078053-58-4 9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092596.D
Acq On : 28 Jan 2017 00:38
Operator : SJ/MA
Sample : I1531-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S2C2

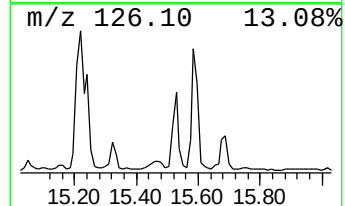
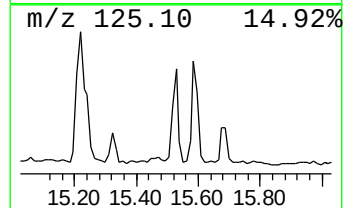
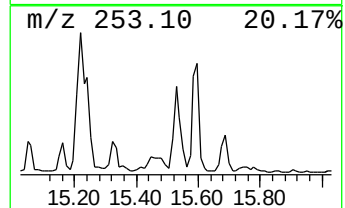
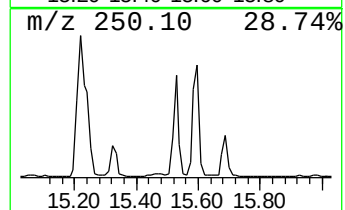
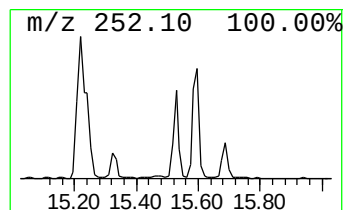
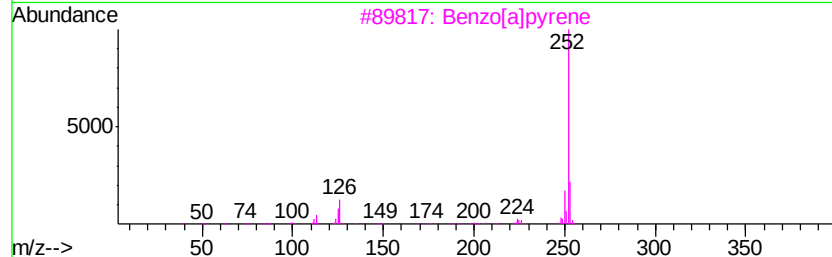
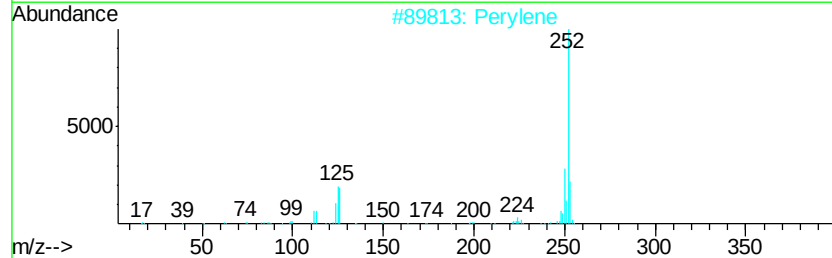
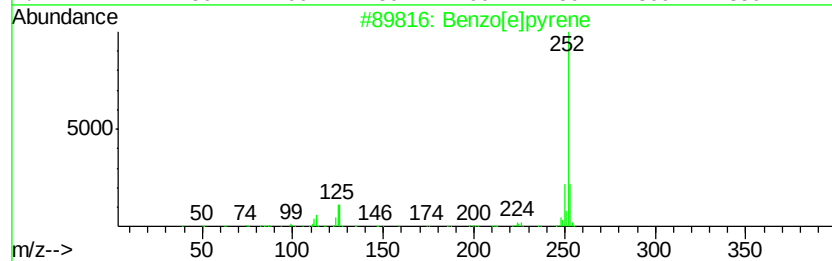
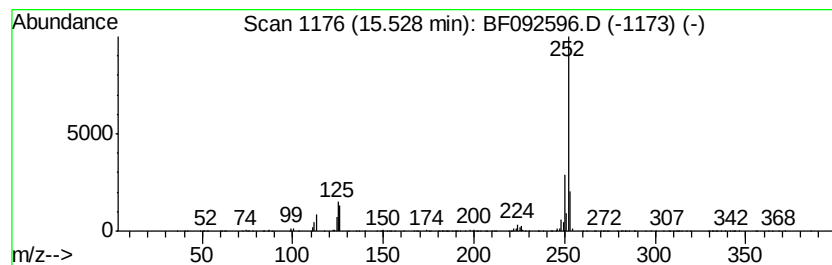
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	17.92 ng	689275	Perylene-d12	15.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Perylene	252	C20H12	000198-55-0	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092596.D
 Acq On : 28 Jan 2017 00:38
 Operator : SJ/MA
 Sample : I1531-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S2C2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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...	5.17	52.2	ng	2772650	1	6.98	1062870	20.0
unknown6.75	6.75	94.0	ng	4996860	1	6.98	1062870	20.0
Cyclohexane, 1,2-...	8.70	3.6	ng	246800	2	8.27	1377860	20.0
6-Tridecene, 7-me...	8.81	3.1	ng	214773	2	8.27	1377860	20.0
unknown9.05	9.05	2.9	ng	200981	2	8.27	1377860	20.0
Naphthalene, 1,2,...	9.30	3.5	ng	241348	3	10.03	1359790	20.0
unknown9.42	9.42	5.3	ng	358499	3	10.03	1359790	20.0
unknown9.94	9.94	3.5	ng	235997	3	10.03	1359790	20.0
Octacosane	10.45	3.1	ng	209624	3	10.03	1359790	20.0
Tridecane	10.93	4.1	ng	330871	4	11.53	1629770	20.0
Hexadecane	11.38	2.6	ng	214539	4	11.53	1629770	20.0
Anthracene, 1-met...	12.03	2.8	ng	223925	4	11.53	1629770	20.0
Phenanthrene, 1-m...	12.05	3.0	ng	244407	4	11.53	1629770	20.0
4H-Cyclopenta[def...	12.13	7.4	ng	599614	4	11.53	1629770	20.0
2-Phenylnaphthalene	12.32	3.3	ng	265520	4	11.53	1629770	20.0
11H-Benzo[b]fluorene	13.30	3.9	ng	510758	5	14.17	2609400	20.0
Cyclopenta[cd]pyrene	13.96	2.6	ng	335340	5	14.17	2609400	20.0
Benzo[e]pyrene	15.53	17.9	ng	689275	6	15.65	769459	20.0