

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083475.D
 Acq On : 3 Dec 2015 22:51
 Operator : UM/IZ
 Sample : G4608-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-6-20151130

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-BF113015.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	4.636	256	258	271	rBV	590815	1047859	25.33%	2.050%
2	5.116	297	300	314	rBV	3536576	3983519	96.31%	7.792%
3	6.202	393	395	402	rBV	3876886	4092378	98.94%	8.005%
4	6.305	402	404	406	rBV	4099687	4136304	100.00%	8.091%
5	6.522	421	423	426	rBV	929429	1055801	25.53%	2.065%
6	6.682	435	437	440	rBV	2914230	2813391	68.02%	5.503%
7	7.105	471	474	476	rBV	2720311	2752567	66.55%	5.384%
8	7.265	484	488	490	rBV	106524	169207	4.09%	0.331%
9	7.607	515	518	524	rVB	35227	56616	1.37%	0.111%
10	7.733	527	529	534	rBV2	32973	87544	2.12%	0.171%
11	7.813	534	536	539	rBV	1310951	1331080	32.18%	2.604%
12	8.213	568	571	574	rBV	53962	94545	2.29%	0.185%
13	8.773	617	620	622	rBV	84771	105955	2.56%	0.207%
14	8.899	628	631	633	rBV	4220901	3867786	93.51%	7.566%
15	8.990	635	639	641	rBV3	55546	84942	2.05%	0.166%
16	9.299	664	666	668	rBV	946983	805045	19.46%	1.575%
17	9.333	668	669	673	rVB3	31939	43490	1.05%	0.085%
18	9.425	675	677	678	rVB	78492	79801	1.93%	0.156%
19	9.471	678	681	683	rVB3	32467	50610	1.22%	0.099%
20	9.516	683	685	687	rBV2	157972	190795	4.61%	0.373%
21	9.562	687	689	691	rVV	1584157	1490699	36.04%	2.916%
22	9.596	691	692	694	rVB	67059	52833	1.28%	0.103%
23	9.768	704	707	709	rBV3	44944	99964	2.42%	0.196%
24	9.802	709	710	712	rVB	47389	42718	1.03%	0.084%
25	9.871	715	716	720	rBV3	24793	59200	1.43%	0.116%
26	9.985	723	726	727	rBV	68590	88824	2.15%	0.174%
27	10.019	727	729	730	rVB	138407	150653	3.64%	0.295%
28	10.099	735	736	740	rVB	77519	83752	2.02%	0.164%
29	10.236	745	748	749	rBV2	77414	120678	2.92%	0.236%
30	10.351	756	758	760	rBV	1967109	2112874	51.08%	4.133%
31	10.385	760	761	765	rVB4	33966	57619	1.39%	0.113%
32	10.488	768	770	774	rVB	176686	290244	7.02%	0.568%
33	10.591	777	779	781	rBV2	56842	74940	1.81%	0.147%
34	10.694	787	788	791	rBV2	37013	64607	1.56%	0.126%

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 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.762	791	794	795	rVV3	29798	61898	1.50%	0.121%
36	10.831	799	800	803	rVB3	52409	58051	1.40%	0.114%
37	10.888	803	805	807	rVB2	32756	46191	1.12%	0.090%
38	10.934	807	809	811	rBV3	29942	55019	1.33%	0.108%
39	10.979	811	813	815	rVV	137121	157309	3.80%	0.308%
40	11.014	815	816	820	rVB	61536	88321	2.14%	0.173%
41	11.094	820	823	824	rBV	1213115	1262064	30.51%	2.469%
42	11.116	824	825	828	rVV	665344	708954	17.14%	1.387%
43	11.174	828	830	834	rVB	122261	198407	4.80%	0.388%
44	11.402	846	850	853	rBV2	184673	255180	6.17%	0.499%
45	11.494	856	858	862	rVB	81174	101710	2.46%	0.199%
46	11.699	873	876	877	rBV	142502	188544	4.56%	0.369%
47	11.734	877	879	882	rVB	155294	188080	4.55%	0.368%
48	11.791	882	884	886	rBV	430157	570510	13.79%	1.116%
49	11.836	886	888	889	rVB	113867	167550	4.05%	0.328%
50	12.019	901	904	905	rBV2	40576	60495	1.46%	0.118%
51	12.076	907	909	911	rVV2	71795	103247	2.50%	0.202%
52	12.111	911	912	917	rVB3	72094	110486	2.67%	0.216%
53	12.214	919	921	923	rBV3	51543	68561	1.66%	0.134%
54	12.419	936	939	941	rBV2	88032	165855	4.01%	0.324%
55	12.477	941	944	947	rVV3	104701	220333	5.33%	0.431%
56	12.545	947	950	953	rVB3	75452	151743	3.67%	0.297%
57	12.625	954	957	960	rBV	1007903	1191165	28.80%	2.330%
58	12.705	961	964	966	rBV3	43588	101247	2.45%	0.198%
59	12.751	966	968	972	rVB	75247	143146	3.46%	0.280%
60	12.819	972	974	976	rBV	63121	94676	2.29%	0.185%
61	12.865	976	978	980	rBV	212357	283875	6.86%	0.555%
62	12.934	980	984	986	rVB	924618	1290515	31.20%	2.524%
63	13.082	995	997	999	rBV2	35424	55629	1.34%	0.109%
64	13.185	1002	1006	1008	rVV	1654854	2653367	64.15%	5.190%
65	13.265	1008	1013	1015	rVV3	64119	131746	3.19%	0.258%
66	13.414	1021	1026	1031	rBV3	131764	316007	7.64%	0.618%
67	13.517	1032	1035	1037	rVB2	52017	77941	1.88%	0.152%
68	13.562	1037	1039	1045	rBV4	123752	276062	6.67%	0.540%
69	13.688	1048	1050	1052	rVB	68659	95940	2.32%	0.188%
70	13.734	1052	1054	1058	rBV	60548	129339	3.13%	0.253%
71	13.905	1067	1069	1073	rVB	94250	133021	3.22%	0.260%

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72	13.985	1073	1076	1079	rBV	121275	210056	5.08%	0.411%
73	14.122	1086	1088	1090	rBV2	55465	108484	2.62%	0.212%
74	14.180	1090	1093	1096	rVB2	129867	244742	5.92%	0.479%
75	14.328	1103	1106	1108	rBV	77960	141371	3.42%	0.277%
76	14.362	1108	1109	1113	rVV2	68065	173016	4.18%	0.338%
77	14.477	1117	1119	1123	rVB2	127795	235843	5.70%	0.461%
78	14.614	1129	1131	1133	rBV	104555	193113	4.67%	0.378%
79	14.660	1133	1135	1136	rVV	142444	220461	5.33%	0.431%
80	14.705	1136	1139	1141	rVV2	891392	1734034	41.92%	3.392%
81	14.751	1141	1143	1145	rVB	390955	557690	13.48%	1.091%
82	15.083	1170	1172	1175	rBV	45380	97580	2.36%	0.191%
83	15.140	1175	1177	1181	rVB	102730	209628	5.07%	0.410%
84	15.208	1181	1183	1185	rBV2	55100	96287	2.33%	0.188%
85	15.323	1190	1193	1196	rBV2	76267	165725	4.01%	0.324%
86	15.608	1216	1218	1220	rBV	72063	104912	2.54%	0.205%
87	15.848	1237	1239	1242	rVB	60253	85994	2.08%	0.168%
88	16.191	1267	1269	1271	rVB	140832	189938	4.59%	0.372%
89	16.271	1272	1276	1277	rBV	358429	712782	17.23%	1.394%
90	16.626	1305	1307	1310	rBV	208548	326588	7.90%	0.639%
91	16.706	1311	1314	1318	rVB	298092	397232	9.60%	0.777%
92	16.774	1318	1320	1322	rBV	500328	761340	18.41%	1.489%
93	18.157	1438	1441	1446	rVB2	150469	293776	7.10%	0.575%
94	18.523	1471	1473	1478	rVB	138847	261005	6.31%	0.511%

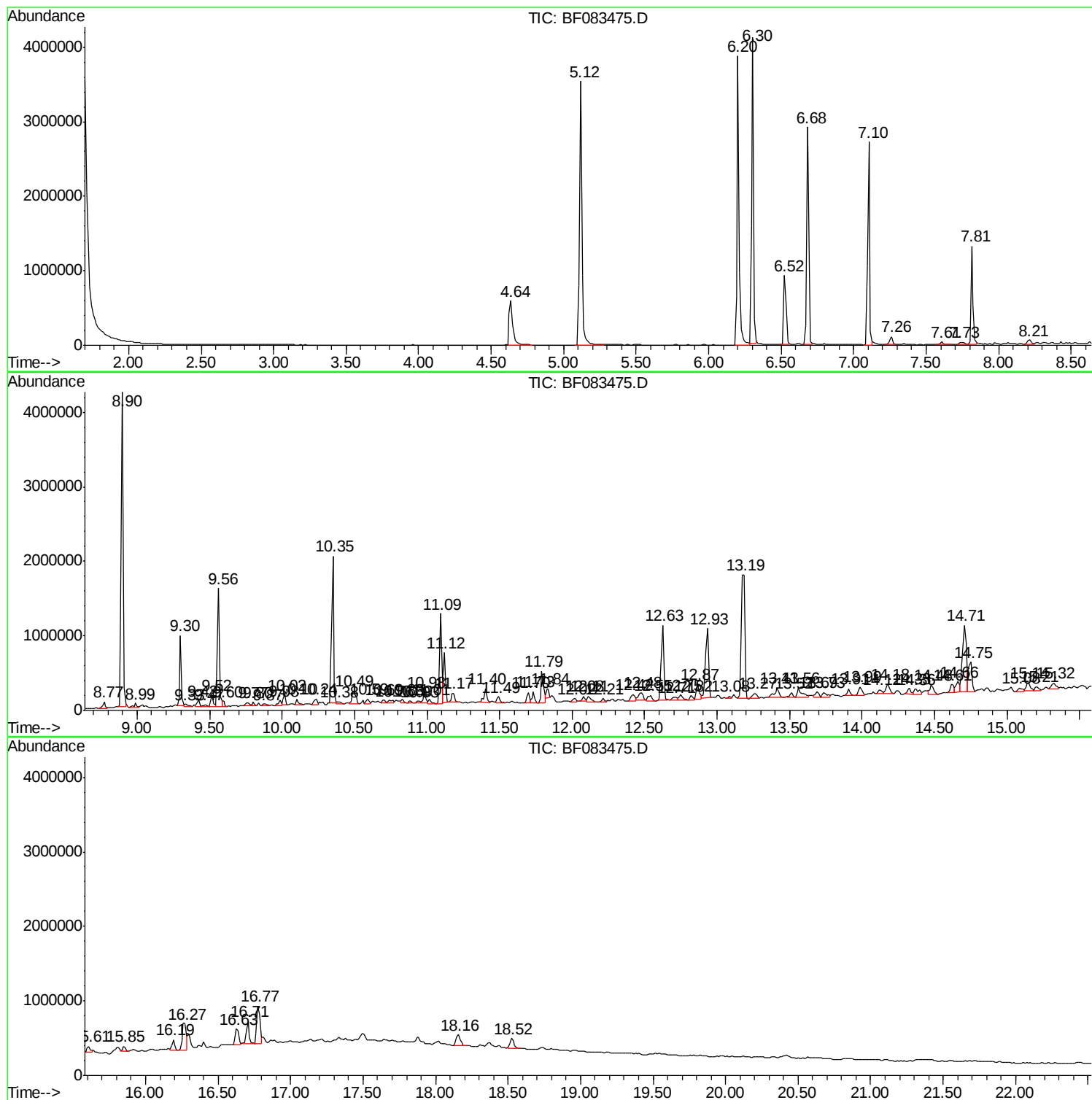
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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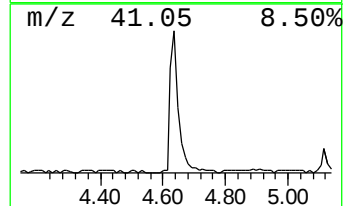
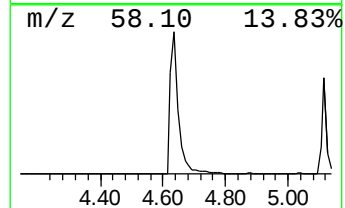
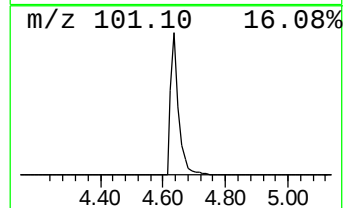
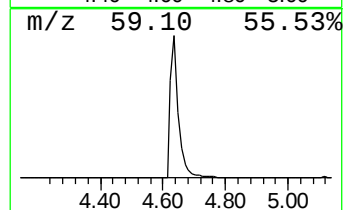
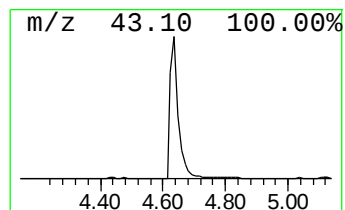
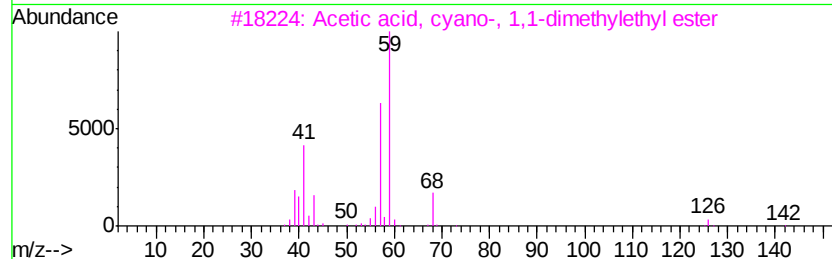
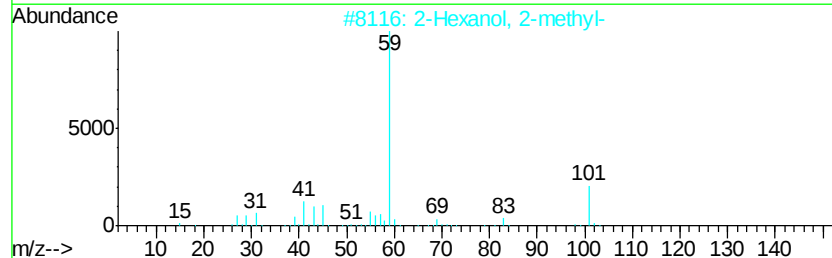
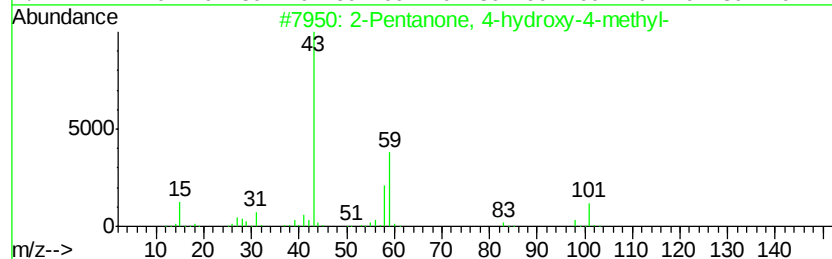
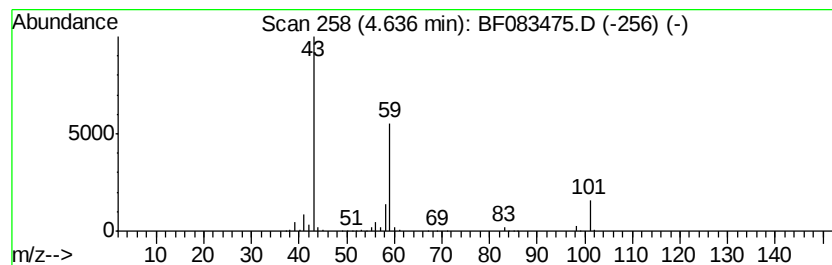
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.64	19.85 ng	1047860	1,4-Dichlorobenzene-d4	6.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9



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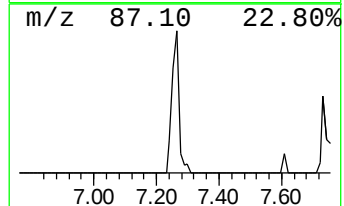
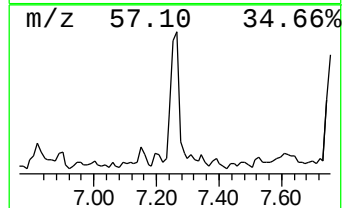
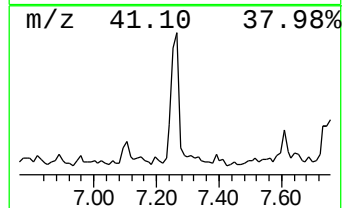
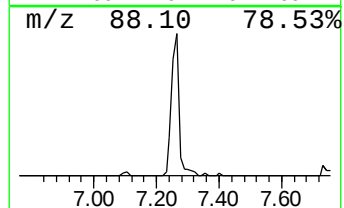
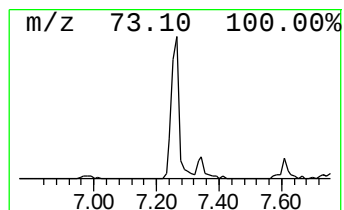
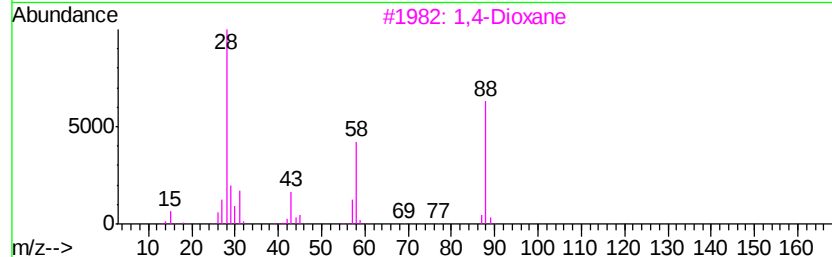
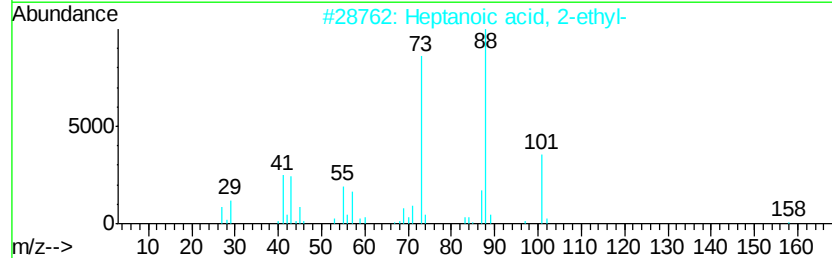
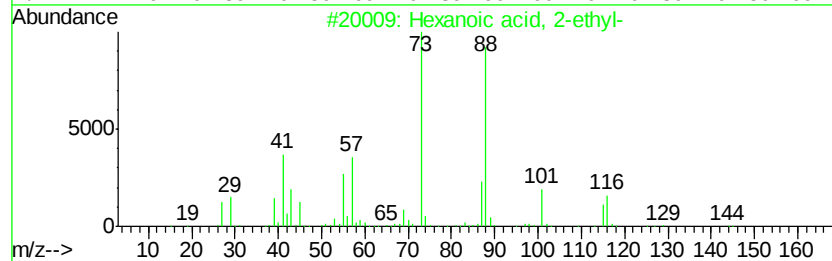
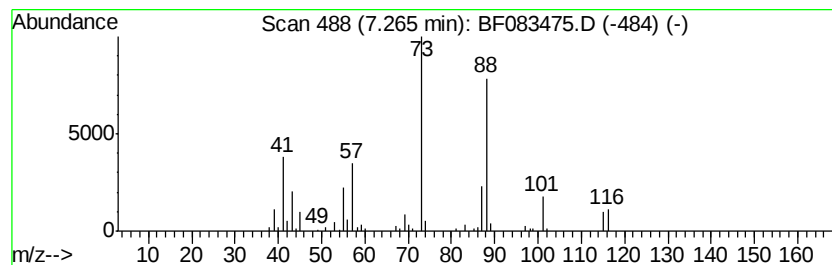
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	2.54 ng	169207	Naphthalene-d8	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	45
3		1,4-Dioxane	88	C4H8O2	000123-91-1	43
4		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	33
5		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	33



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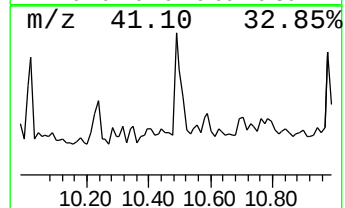
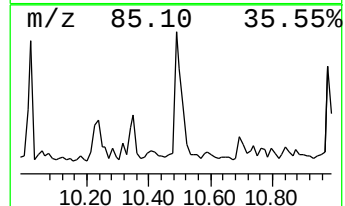
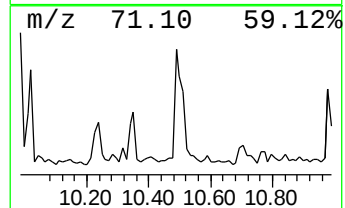
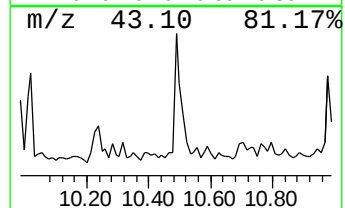
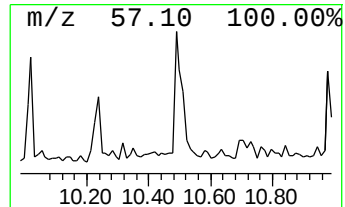
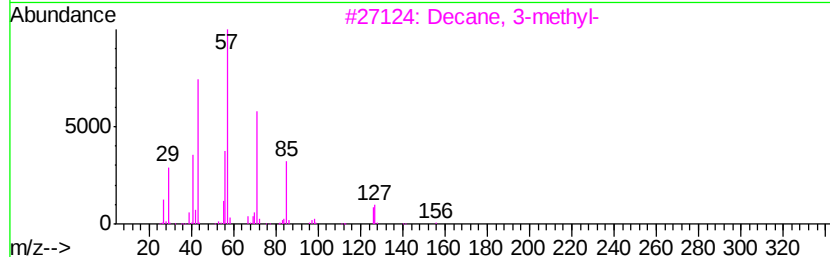
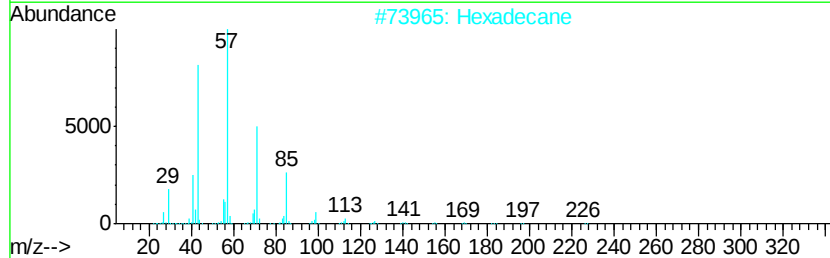
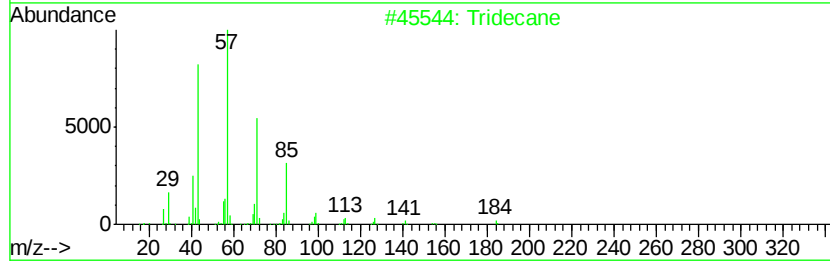
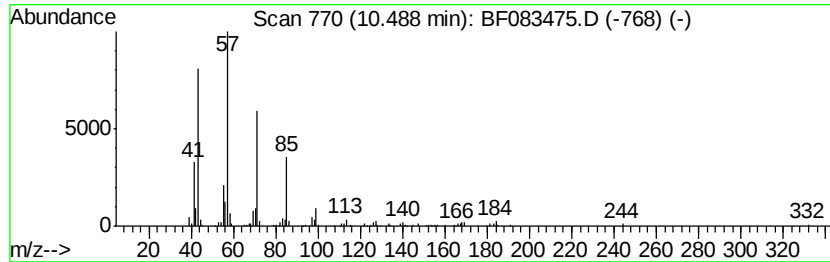
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.49	4.60 ng	290244	Phenanthrene-d10	11.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Decane, 3-methyl-	156	C11H24	013151-34-3	64
4	Decane, 2-methyl-	156	C11H24	006975-98-0	64
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64



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CWC-MISC-6-20151130

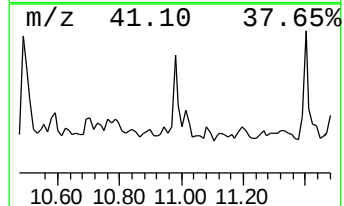
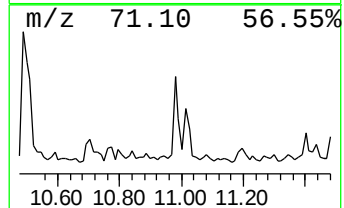
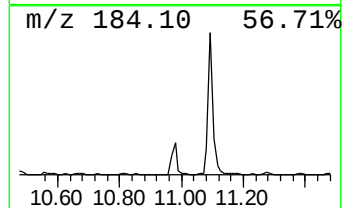
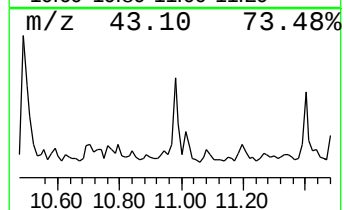
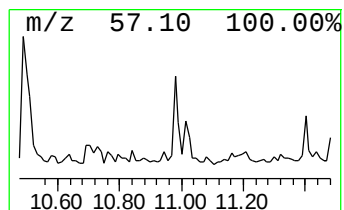
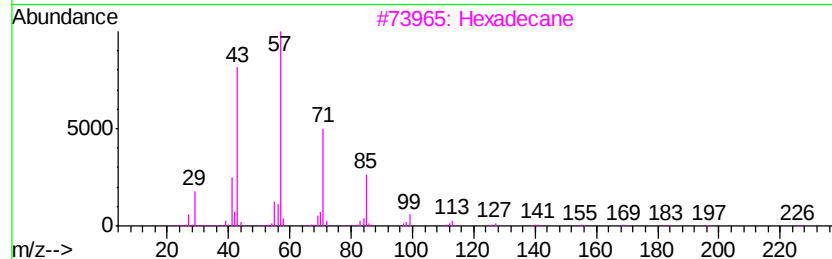
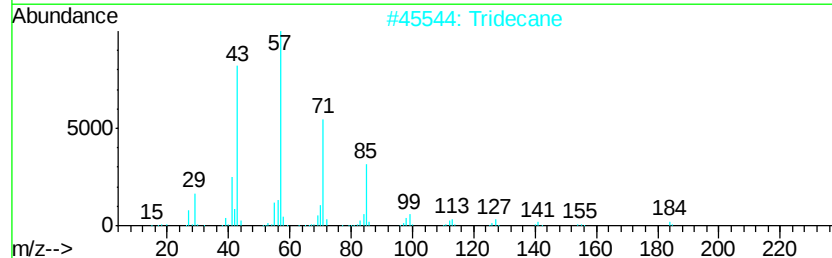
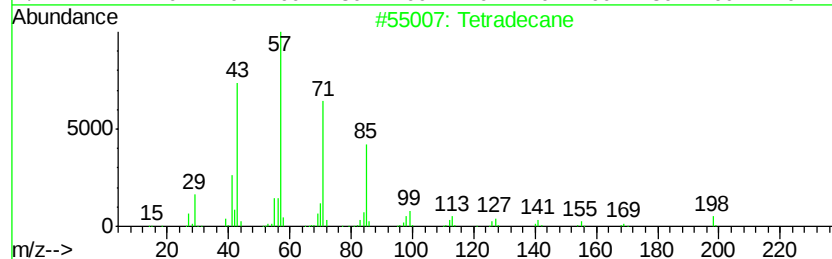
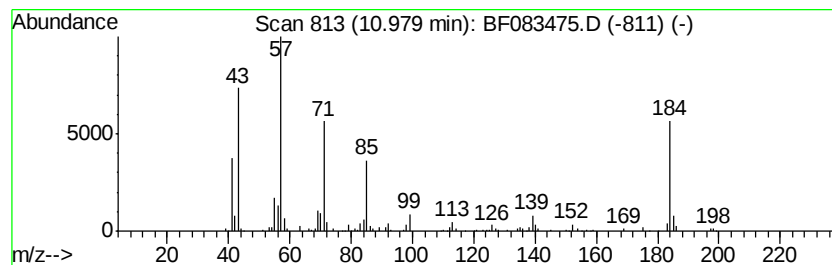
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	2.49 ng	157309	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	55
2	Tridecane	184	C13H28	000629-50-5	46
3	Hexadecane	226	C16H34	000544-76-3	46
4	Eicosane	282	C20H42	000112-95-8	46
5	Pentadecane	212	C15H32	000629-62-9	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083475.D
Acq On : 3 Dec 2015 22:51
Operator : UM/IZ
Sample : G4608-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-6-20151130

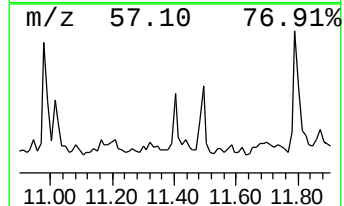
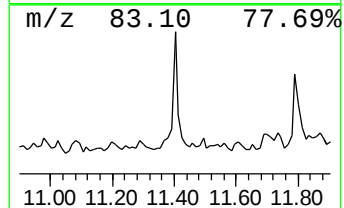
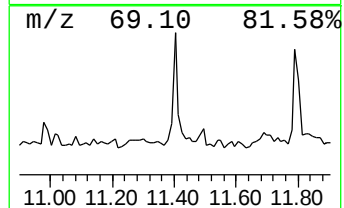
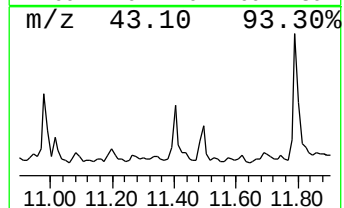
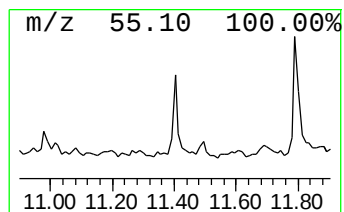
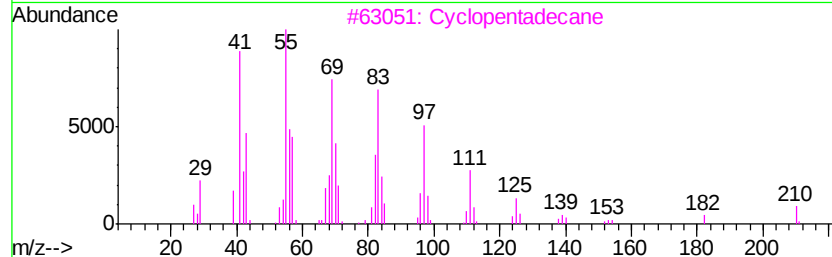
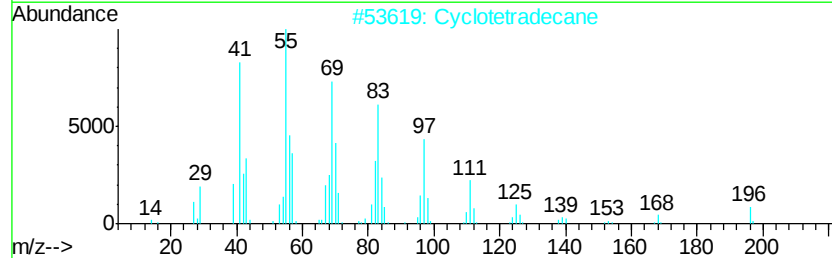
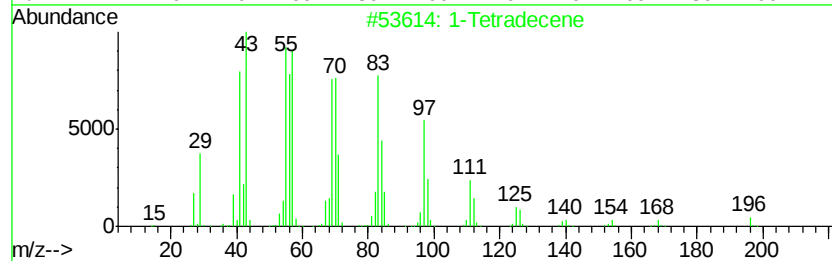
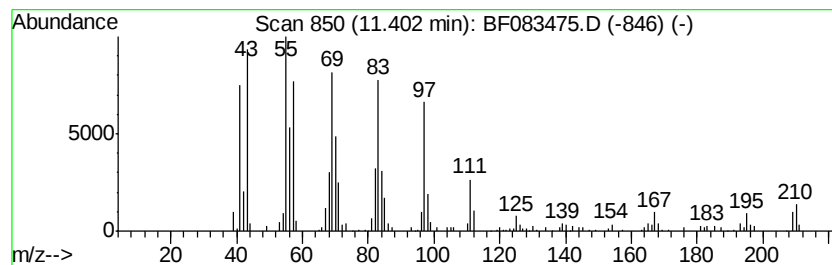
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Tetradecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	4.04 ng	255180	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	95
2	Cyclotetradecane	196	C14H28	000295-17-0	94
3	Cyclopentadecane	210	C15H30	000295-48-7	94
4	1-Hexadecanol	242	C16H34O	036653-82-4	94
5	1-Pentadecene	210	C15H30	013360-61-7	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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Operator : UM/IZ
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Instrument :
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ClientSampleId :
CWC-MISC-6-20151130

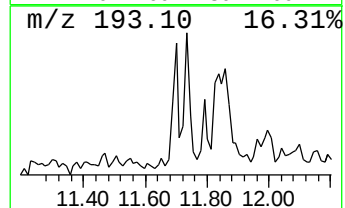
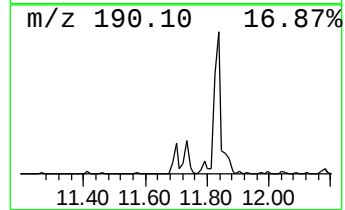
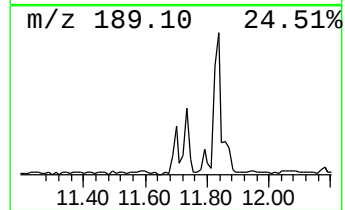
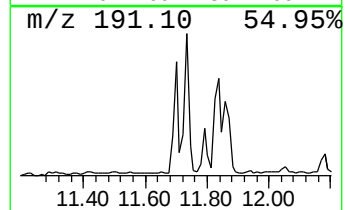
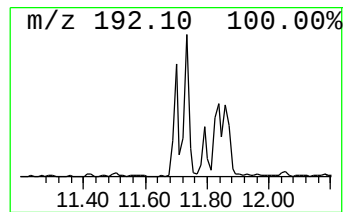
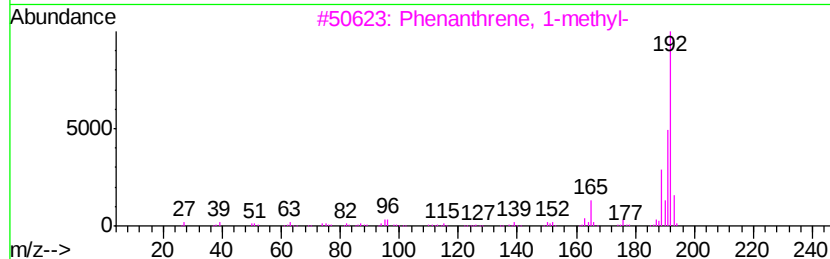
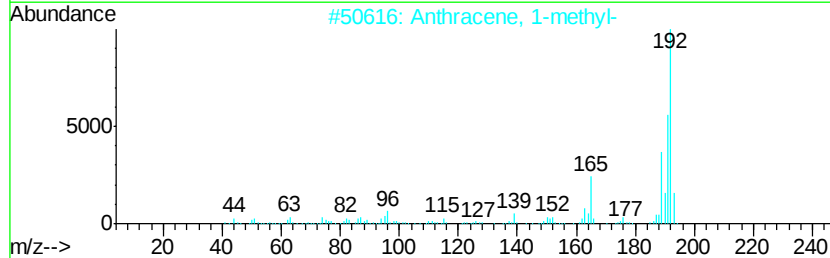
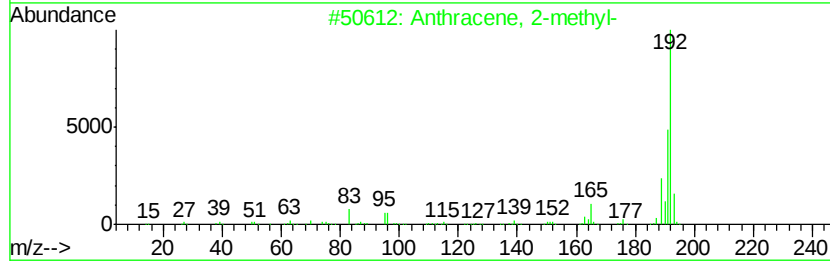
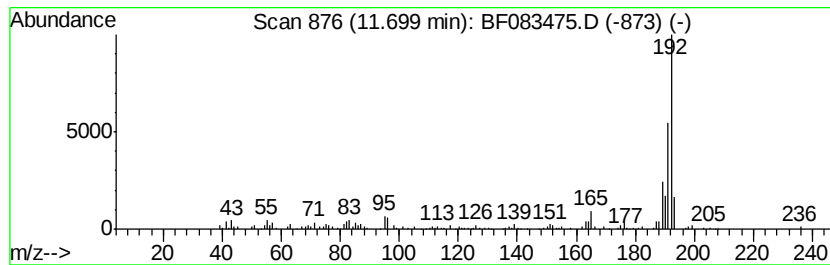
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.99 ng	188544	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	90
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083475.D
Acq On : 3 Dec 2015 22:51
Operator : UM/IZ
Sample : G4608-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

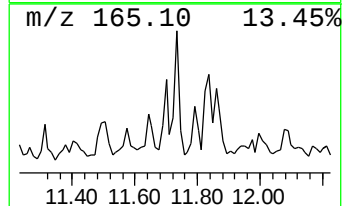
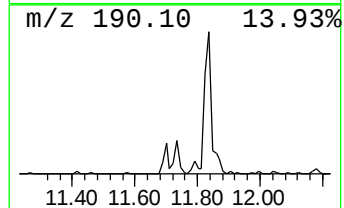
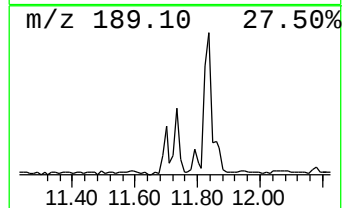
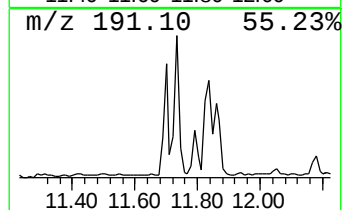
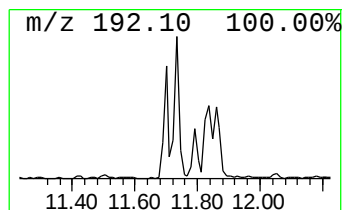
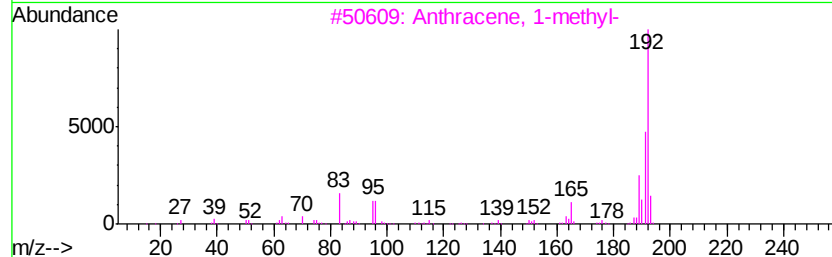
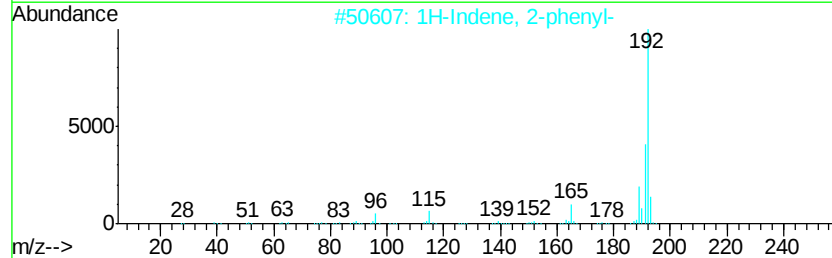
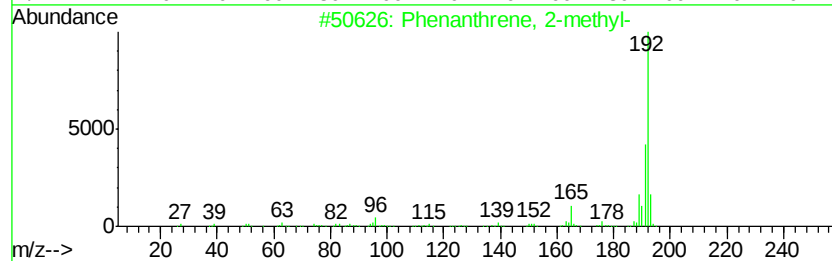
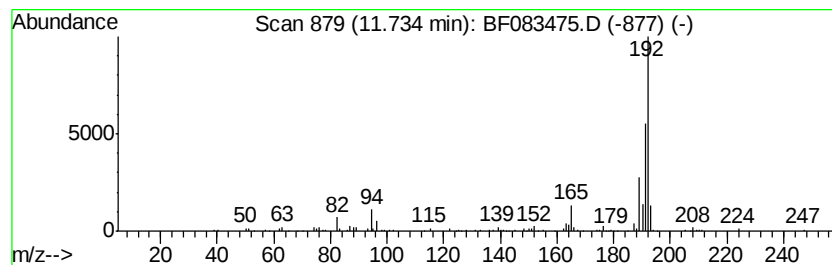
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ClientSampleId :
CWC-MISC-6-20151130

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.73	2.98 ng	188080	Phenanthrene-d10	11.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	89
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083475.D
Acq On : 3 Dec 2015 22:51
Operator : UM/IZ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CWC-MISC-6-20151130

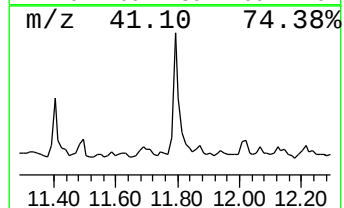
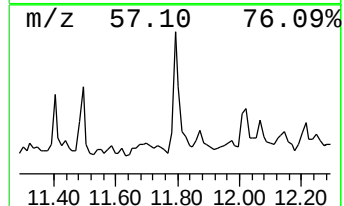
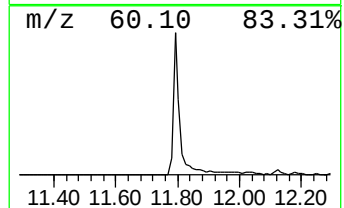
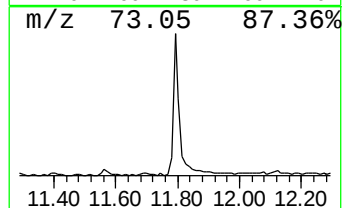
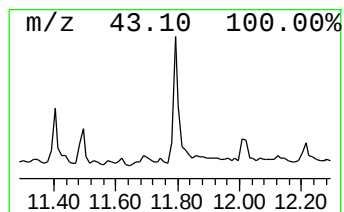
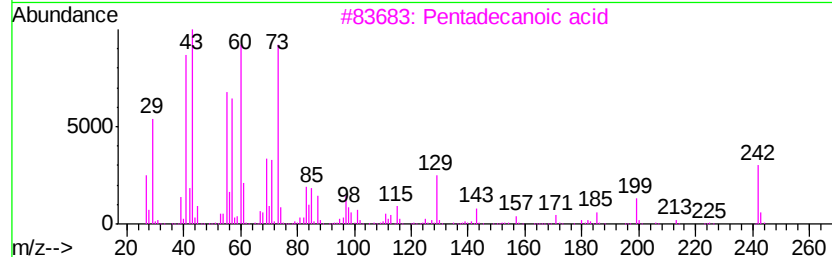
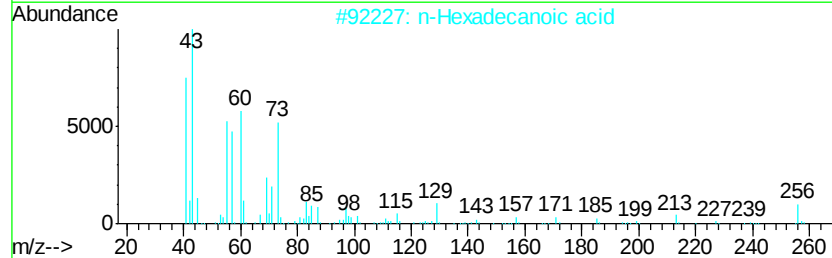
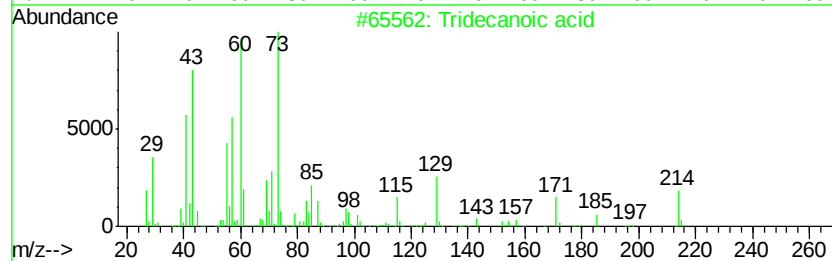
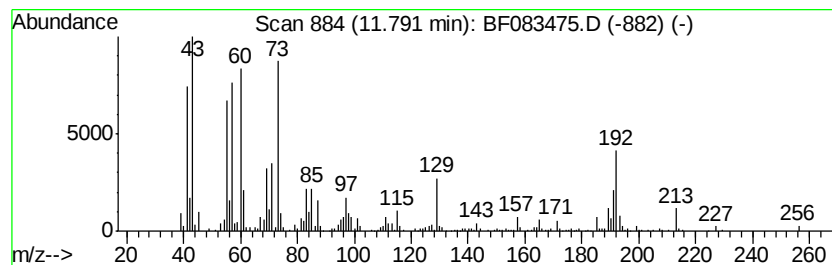
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	9.04 ng	570510	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	83
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4	Undecanoic acid	186	C11H22O2	000112-37-8	49
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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Acq On : 3 Dec 2015 22:51
Operator : UM/IZ
Sample : G4608-04
Misc :
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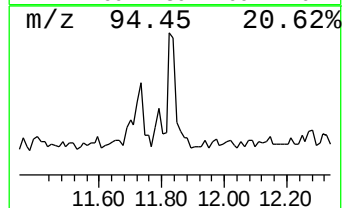
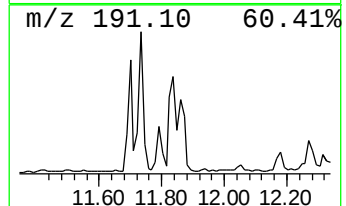
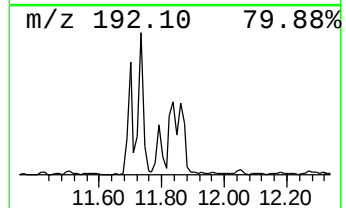
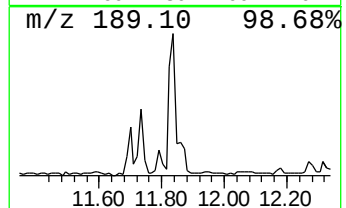
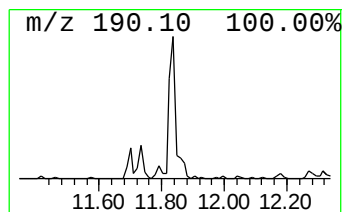
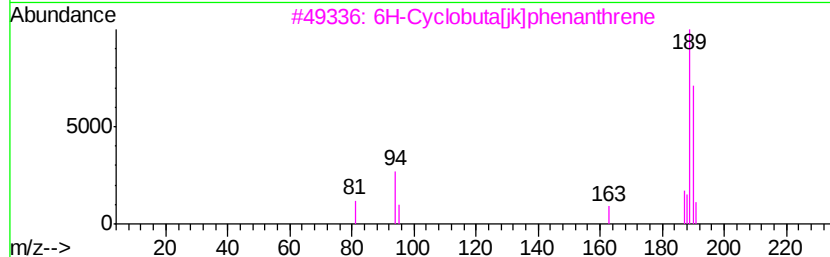
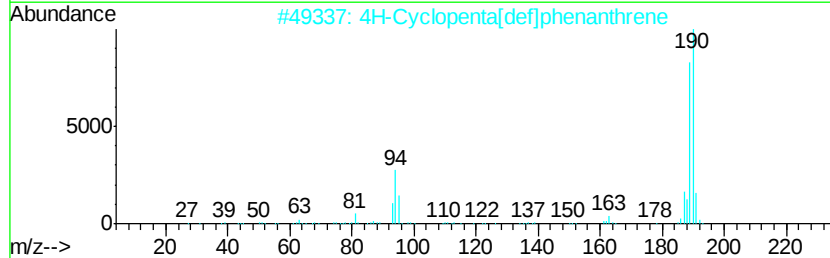
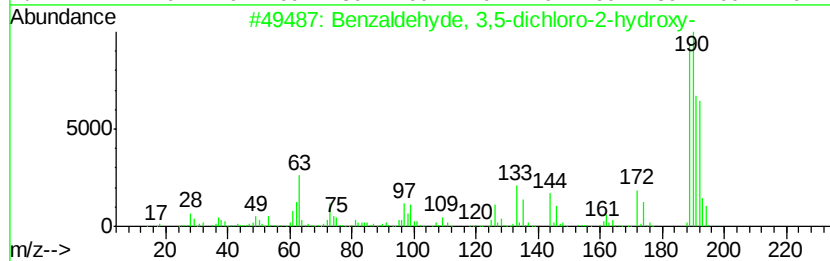
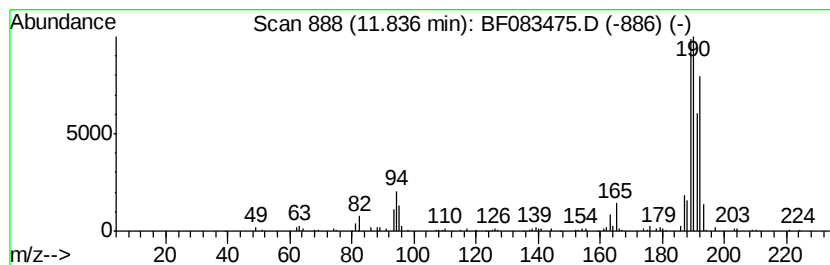
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.84	2.66 ng	167550	Phenanthrene-d10	11.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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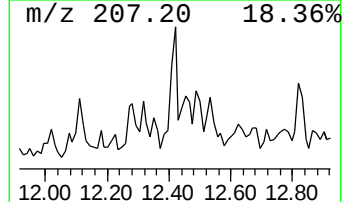
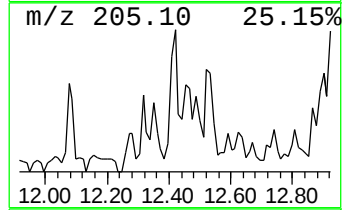
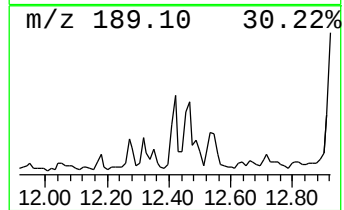
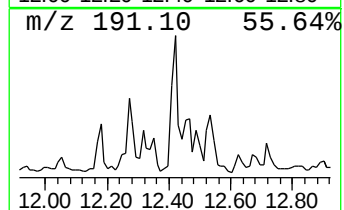
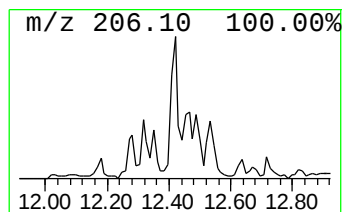
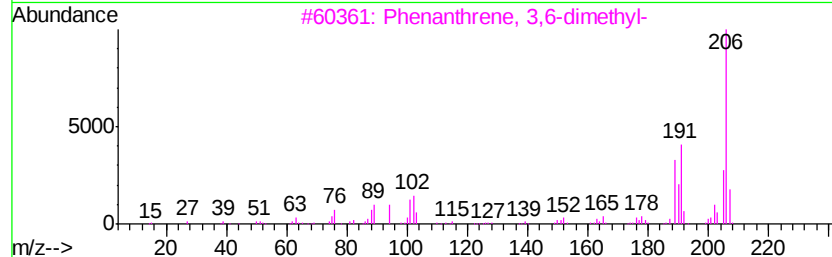
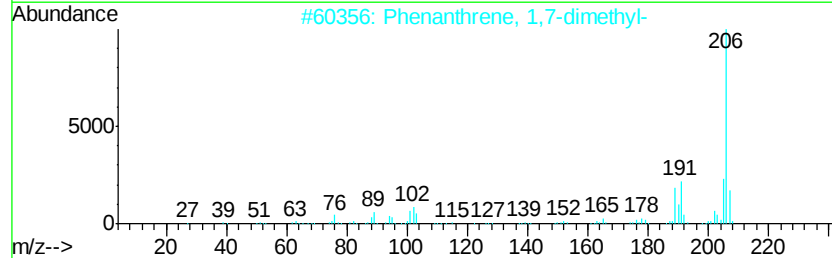
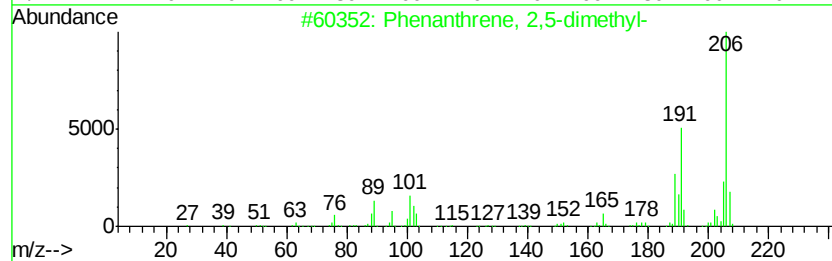
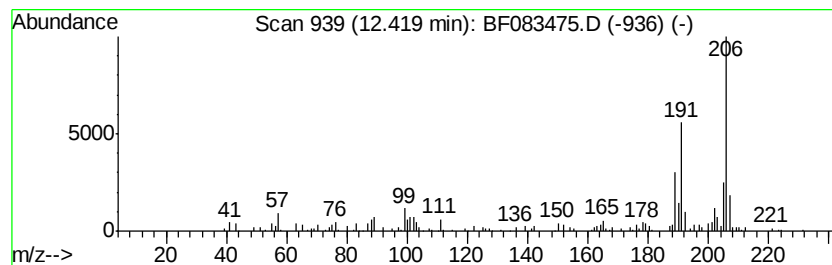
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.63 ng	165855	Phenanthrene-d10	11.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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Operator : UM/IZ
Sample : G4608-04
Misc :
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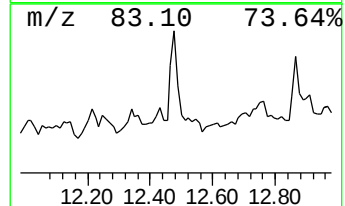
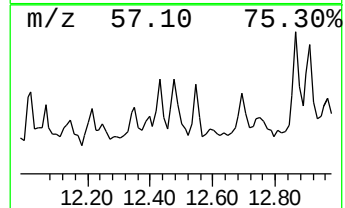
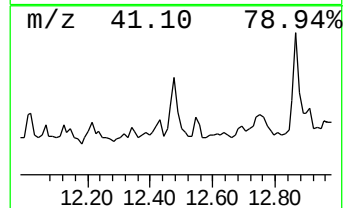
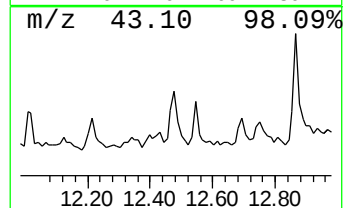
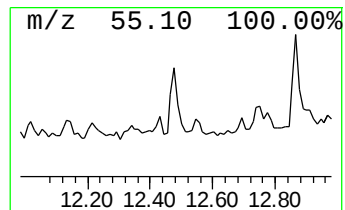
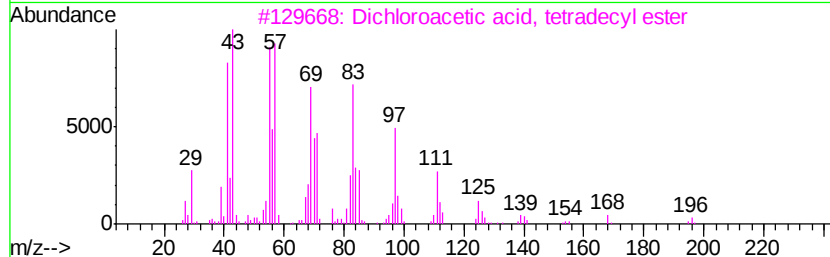
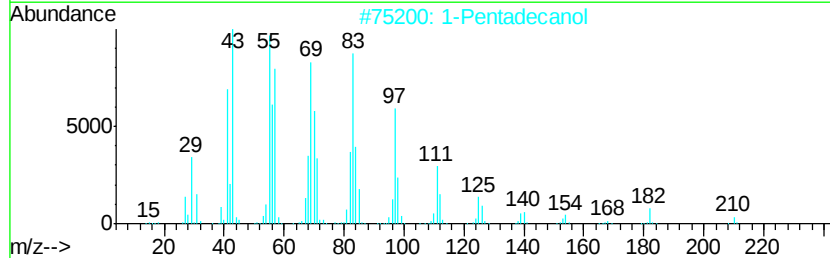
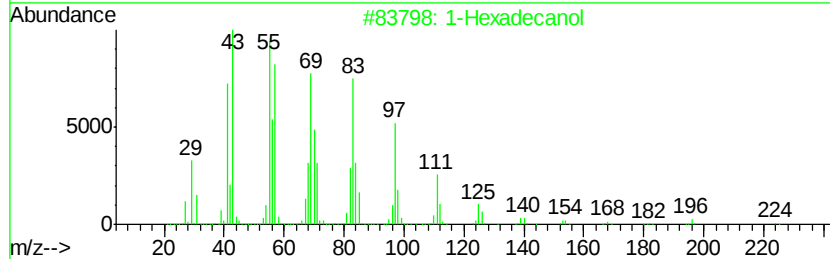
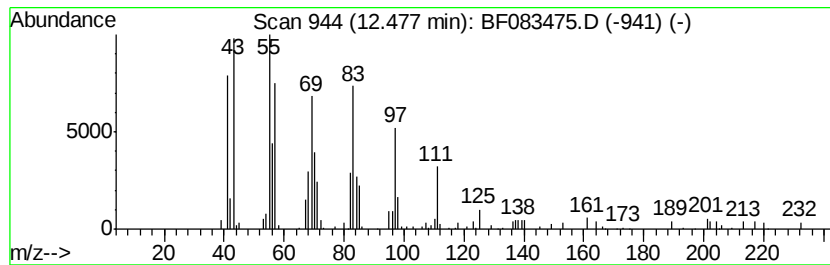
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Hexadecanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.48	3.49 ng	220333	Phenanthrene-d10	11.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	91
2	1-Pentadecanol	228	C15H32O	000629-76-5	91
3	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	91
4	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91
5	Cyclohexadecane	224	C16H32	000295-65-8	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083475.D
Acq On : 3 Dec 2015 22:51
Operator : UM/IZ
Sample : G4608-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CWC-MISC-6-20151130

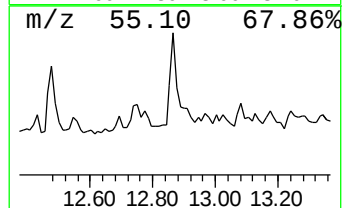
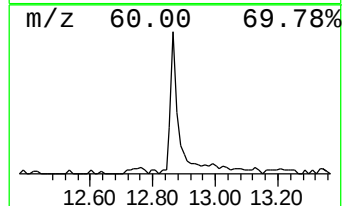
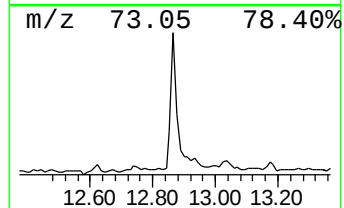
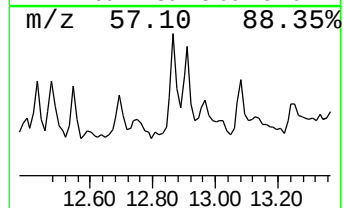
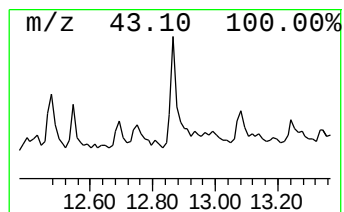
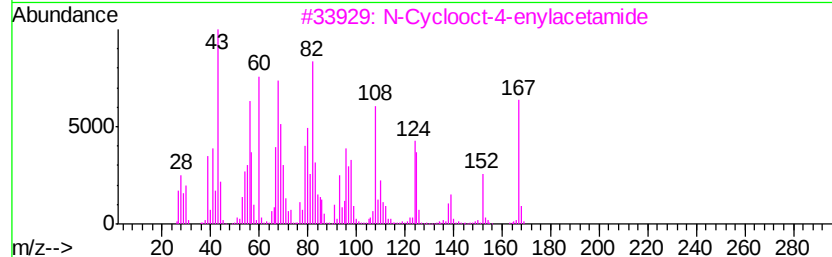
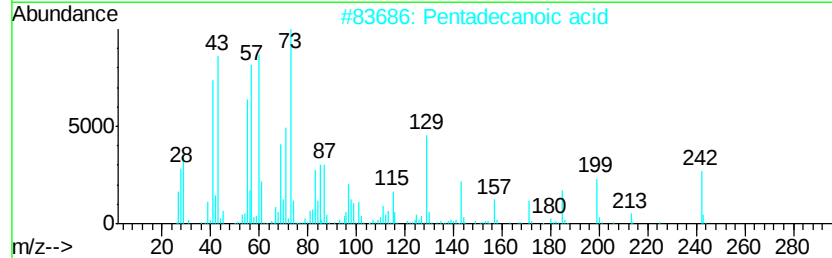
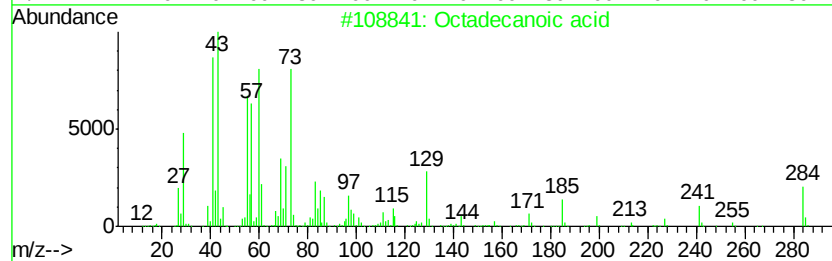
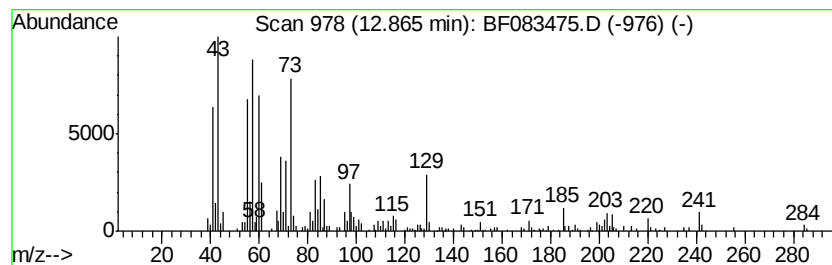
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.50 ng	283875	Phenanthrene-d10	11.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	94
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3			N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5			Nonanoic acid	158	C9H18O2	000112-05-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083475.D
Acq On : 3 Dec 2015 22:51
Operator : UM/IZ
Sample : G4608-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CWC-MISC-6-20151130

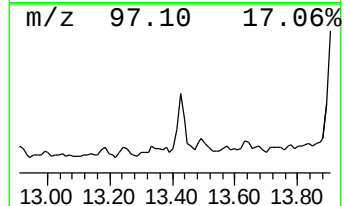
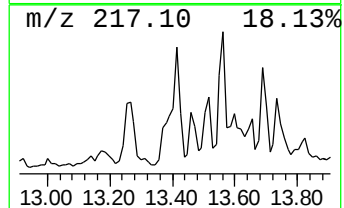
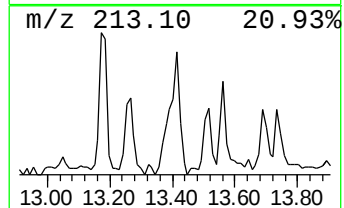
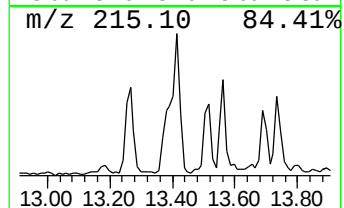
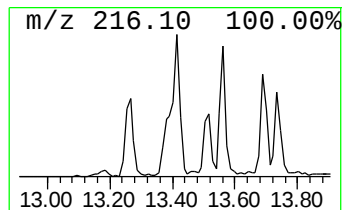
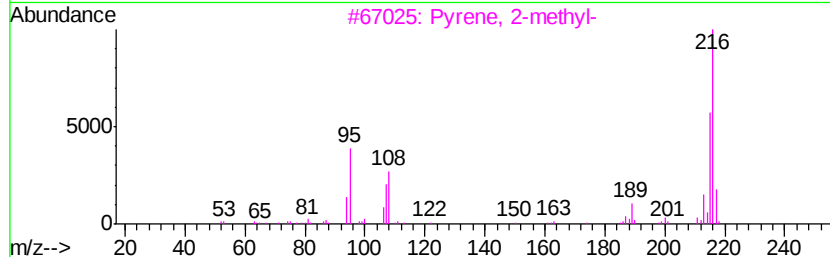
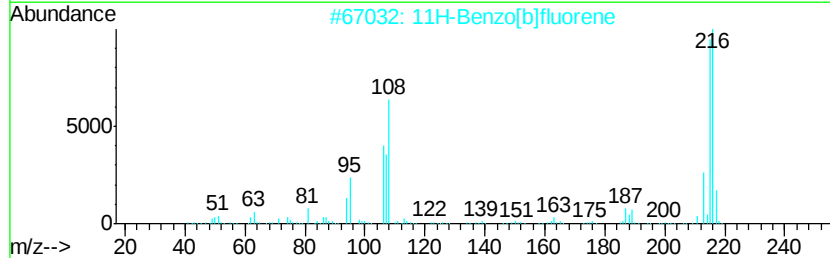
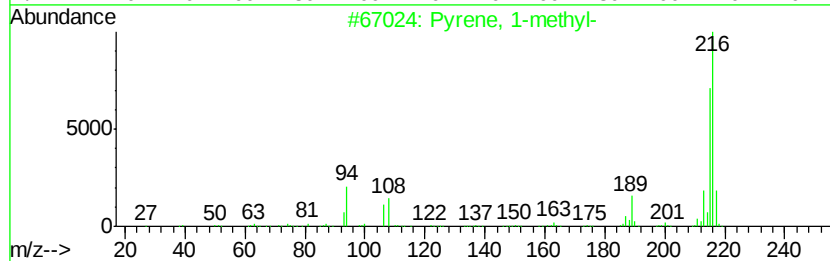
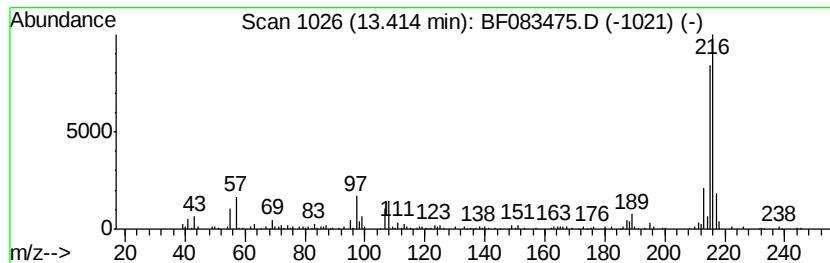
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	3.64 ng	316007	Chrysene-d12	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083475.D
Acq On : 3 Dec 2015 22:51
Operator : UM/IZ
Sample : G4608-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CWC-MISC-6-20151130

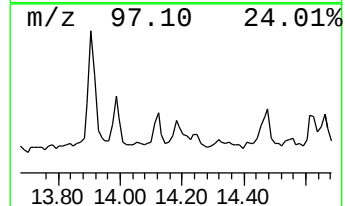
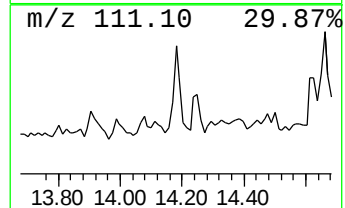
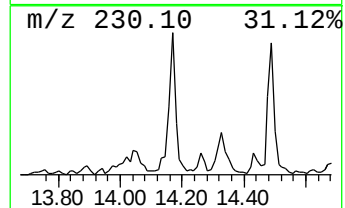
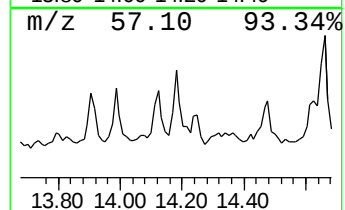
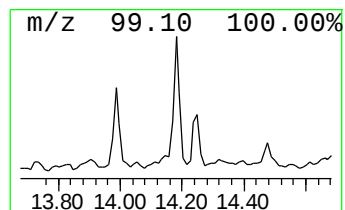
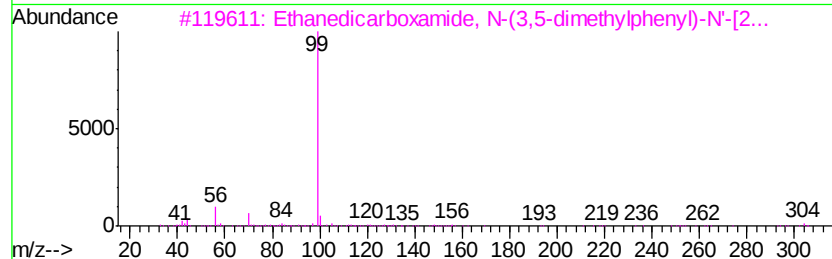
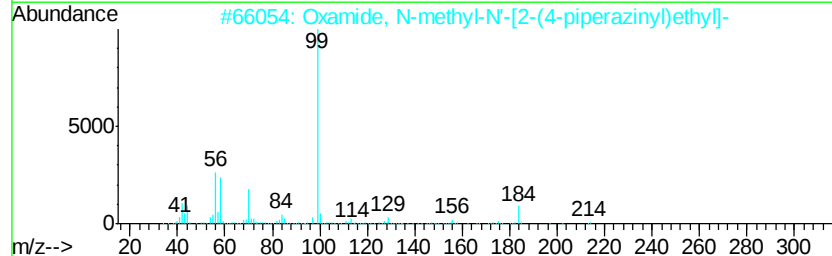
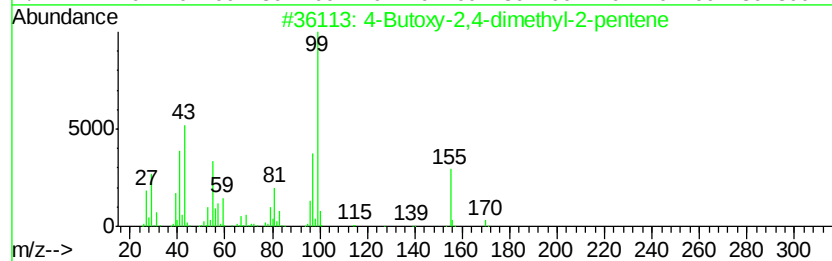
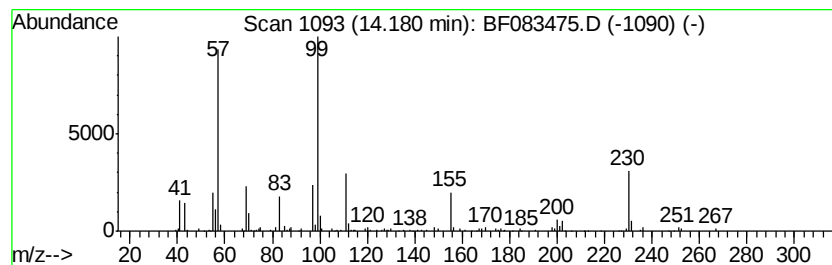
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown14.18 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	2.82 ng	244742	Chrysene-d12	14.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	38
2			Oxamide, N-methyl-N'-[2-(4-piper...	214	C9H18N4O2	294877-47-7	35
3			Ethanedicarboxamide, N-(3,5-dime...	304	C16H24N4O2	346596-53-0	27
4			1-Piperazineethanamine	129	C6H15N3	000140-31-8	27
5			Tributyl phosphate	266	C12H27O4P	000126-73-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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Acq On : 3 Dec 2015 22:51
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Sample : G4608-04
Misc :
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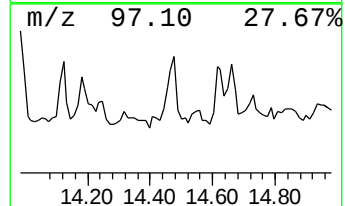
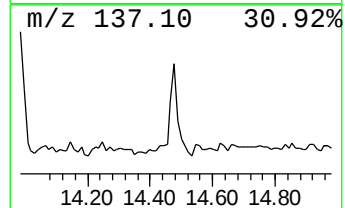
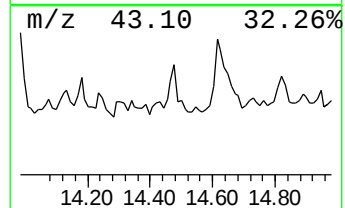
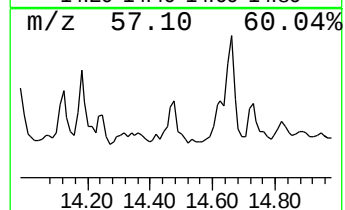
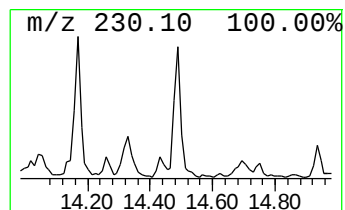
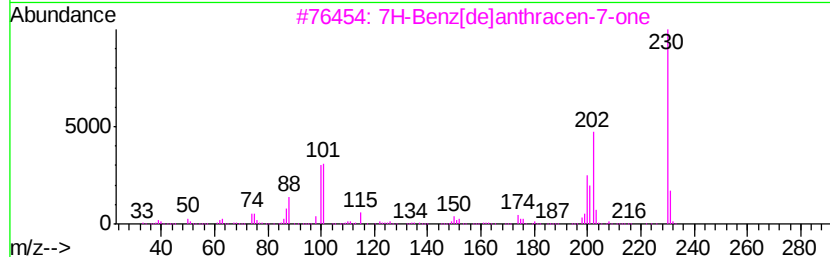
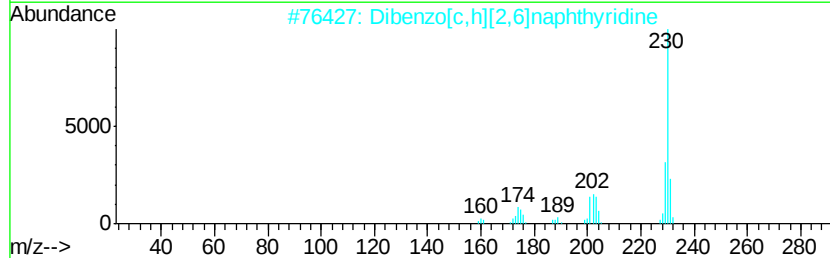
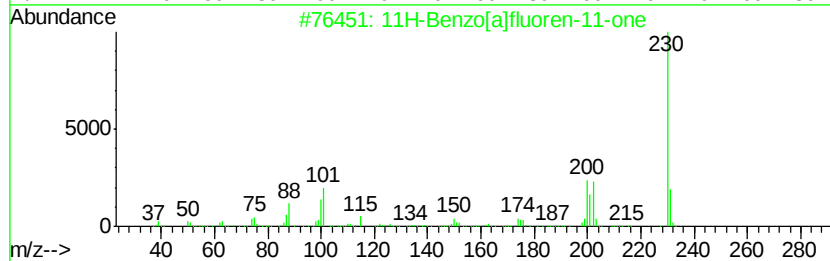
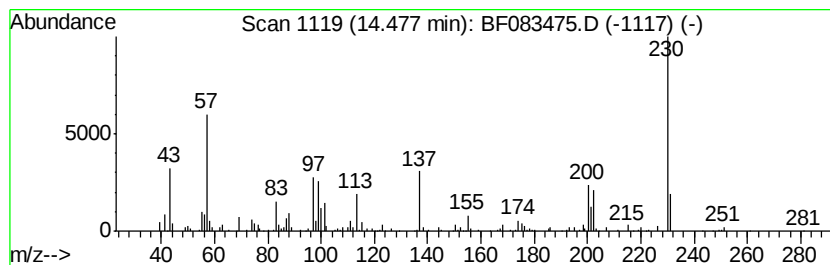
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.48	2.72 ng	235843	Chrysene-d12	14.71		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2		Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	50
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	47
4		o-Terphenyl	230	C18H14	000084-15-1	38
5		2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083475.D
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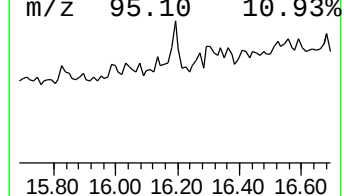
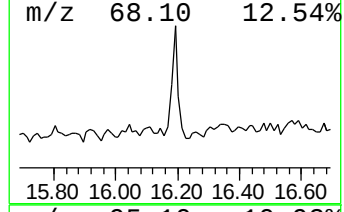
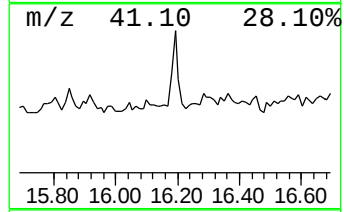
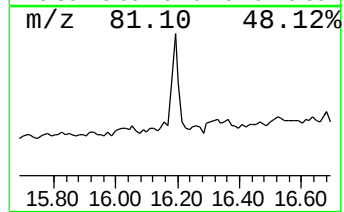
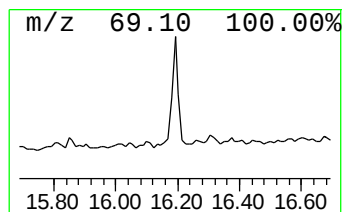
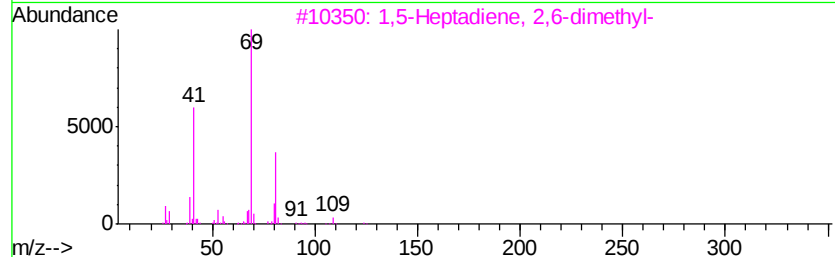
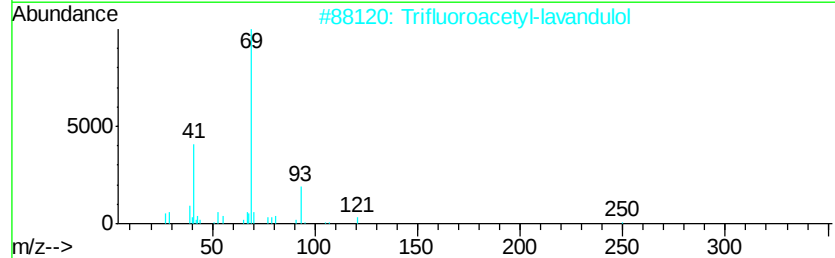
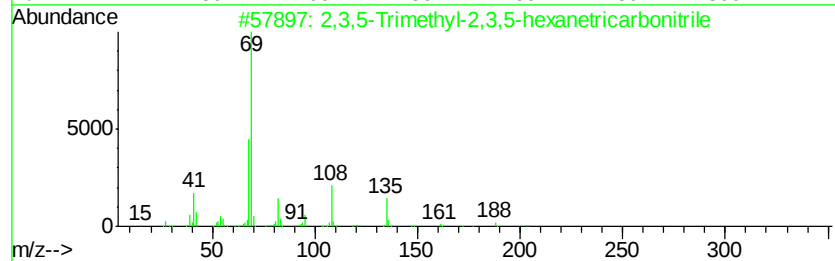
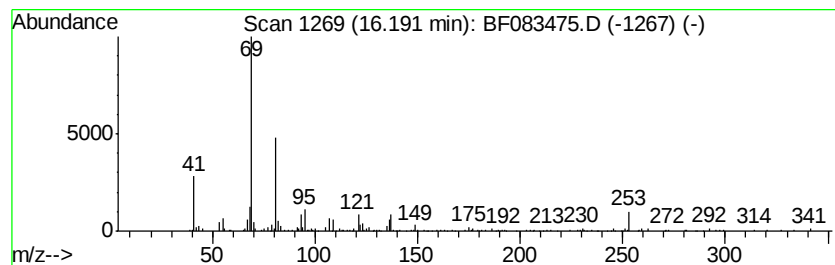
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2,3,5-Trimethyl-2,3,5-hexan... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	4.99 ng	189938	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	53
2		Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	50
3		1,5-Heptadiene, 2,6-dimethyl-	124	C9H16	006709-39-3	50
4		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	45
5		3,7,11-Tridecatrienitrile, 4,8...	231	C16H25N	006006-01-5	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083475.D
 Acq On : 3 Dec 2015 22:51
 Operator : UM/IZ
 Sample : G4608-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.64	19.9	ng	1047860	1	6.52	1055800	20.0
Hexanoic acid, 2-...	7.26	2.5	ng	169207	2	7.81	1331080	20.0
Tridecane	10.49	4.6	ng	290244	4	11.09	1262060	20.0
Tetradecane	10.98	2.5	ng	157309	4	11.09	1262060	20.0
1-Tetradecene	11.40	4.0	ng	255180	4	11.09	1262060	20.0
Anthracene, 2-met...	11.70	3.0	ng	188544	4	11.09	1262060	20.0
Phenanthrene, 2-m...	11.73	3.0	ng	188080	4	11.09	1262060	20.0
Tridecanoic acid	11.79	9.0	ng	570510	4	11.09	1262060	20.0
Benzaldehyde, 3,5...	11.84	2.7	ng	167550	4	11.09	1262060	20.0
Phenanthrene, 2,5...	12.42	2.6	ng	165855	4	11.09	1262060	20.0
1-Hexadecanol	12.48	3.5	ng	220333	4	11.09	1262060	20.0
Octadecanoic acid	12.87	4.5	ng	283875	4	11.09	1262060	20.0
Pyrene, 1-methyl-	13.41	3.6	ng	316007	5	14.71	1734030	20.0
unknown14.18	14.18	2.8	ng	244742	5	14.71	1734030	20.0
11H-Benzo[a]fluor...	14.48	2.7	ng	235843	5	14.71	1734030	20.0
2,3,5-Trimethyl-2...	16.19	5.0	ng	189938	6	16.77	761340	20.0