

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084450.D
 Acq On : 13 Jan 2016 19:17
 Operator : SJ/UM
 Sample : H1115-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WHRB1A

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-BF123115.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	2.567	39	42	49	rVB	45769	79093	1.18%	0.112%
2	3.767	140	147	150	rVV3	39778	99285	1.48%	0.141%
3	3.893	154	158	163	rVB3	37805	85782	1.28%	0.122%
4	4.361	194	199	200	rBV2	40144	78771	1.17%	0.112%
5	4.396	200	202	208	rVB3	62757	150910	2.24%	0.214%
6	4.933	243	249	253	rBV3	30161	85305	1.27%	0.121%
7	5.013	253	256	262	rBV	1849504	2848872	42.38%	4.036%
8	5.207	269	273	275	rBV2	34026	68449	1.02%	0.097%
9	5.310	279	282	287	rVB3	46736	105365	1.57%	0.149%
10	5.402	287	290	291	rBV	67671	107899	1.60%	0.153%
11	5.447	291	294	296	rVB	5965595	6722950	100.00%	9.526%
12	5.733	317	319	322	rVB	65796	88722	1.32%	0.126%
13	5.836	326	328	330	rBV	109991	112034	1.67%	0.159%
14	6.259	362	365	368	rBV	55429	102123	1.52%	0.145%
15	6.327	368	371	373	rBV3	49226	70506	1.05%	0.100%
16	6.419	378	379	381	rBV2	54918	82789	1.23%	0.117%
17	6.476	381	384	387	rVB	5691756	5885719	87.55%	8.339%
18	6.602	392	395	398	rVV	6373449	6027310	89.65%	8.540%
19	6.670	398	401	403	rVB	85295	104743	1.56%	0.148%
20	6.830	413	415	417	rBV	1835080	1519838	22.61%	2.153%
21	6.990	426	429	431	rBV	5545359	5190071	77.20%	7.354%
22	7.230	447	450	453	rBV3	36754	72971	1.09%	0.103%
23	7.402	462	465	467	rBV	3917071	4675583	69.55%	6.625%
24	7.505	470	474	479	rBV	161738	283392	4.22%	0.402%
25	7.859	502	505	509	rBV3	54414	87247	1.30%	0.124%
26	8.030	517	520	521	rBV2	63348	92614	1.38%	0.131%
27	8.122	525	528	530	rBV	1675124	2110298	31.39%	2.990%
28	9.196	619	622	624	rBV	7154937	6696409	99.61%	9.488%
29	9.276	628	629	631	rVB	84971	75229	1.12%	0.107%
30	9.596	654	657	658	rBV	1812439	1997438	29.71%	2.830%
31	9.802	674	675	678	rBV	147287	202296	3.01%	0.287%
32	9.871	678	681	683	rBV	2643813	2346302	34.90%	3.324%
33	10.042	692	696	697	rBV2	47145	76042	1.13%	0.108%
34	10.168	705	707	710	rBV2	58754	134751	2.00%	0.191%

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35	10.282	715	717	718	rVV	114661	153711	2.29%	0.218%
36	10.305	718	719	721	rVB	369512	312749	4.65%	0.443%
37	10.408	727	728	732	rVB4	68129	97355	1.45%	0.138%
38	10.522	735	738	741	rBV	108231	206661	3.07%	0.293%
39	10.659	747	750	752	rBV	4249156	4252326	63.25%	6.025%
40	10.785	759	761	764	rBV	325478	527811	7.85%	0.748%
41	10.968	775	777	782	rVB2	61662	142880	2.13%	0.202%
42	11.094	787	788	792	rVV4	48253	105301	1.57%	0.149%
43	11.231	796	800	801	rVV2	270306	311040	4.63%	0.441%
44	11.254	801	802	805	rVB2	99745	108877	1.62%	0.154%
45	11.356	808	811	812	rBV	2399189	2308069	34.33%	3.270%
46	11.379	812	813	814	rVV	426173	302757	4.50%	0.429%
47	11.425	814	817	819	rVB2	128002	177585	2.64%	0.252%
48	11.585	829	831	836	rBV4	93664	201136	2.99%	0.285%
49	11.654	836	837	839	rVV	154480	119723	1.78%	0.170%
50	11.859	853	855	856	rBV	82230	109932	1.64%	0.156%
51	11.882	856	857	859	rVB	176729	137130	2.04%	0.194%
52	11.928	859	861	862	rBV2	70845	86226	1.28%	0.122%
53	11.962	862	864	868	rBV2	139156	288770	4.30%	0.409%
54	12.065	871	873	874	rVV	109593	95161	1.42%	0.135%
55	12.579	916	918	920	rVB	357525	458940	6.83%	0.650%
56	12.797	934	937	938	rVB2	250130	364556	5.42%	0.517%
57	12.945	947	950	952	rVB	5548669	5804043	86.33%	8.224%
58	13.014	952	956	960	rVB5	45496	99836	1.49%	0.141%
59	13.185	968	971	972	rVV3	75386	113073	1.68%	0.160%
60	13.219	972	974	978	rVB4	74988	115414	1.72%	0.164%
61	13.517	998	1000	1005	rVB3	99892	154249	2.29%	0.219%
62	13.734	1016	1019	1021	rBV3	49740	92525	1.38%	0.131%
63	13.848	1026	1029	1033	rVB2	197926	295221	4.39%	0.418%
64	13.985	1038	1041	1047	rVB	1888164	2289062	34.05%	3.243%
65	14.157	1054	1056	1059	rVB3	50305	83900	1.25%	0.119%
66	14.465	1079	1083	1085	rBV2	82256	103542	1.54%	0.147%
67	14.762	1107	1109	1113	rVB2	57798	86292	1.28%	0.122%
68	15.003	1128	1130	1136	rVV	140856	270511	4.02%	0.383%
69	15.083	1136	1137	1141	rVB2	48058	84176	1.25%	0.119%
70	15.288	1153	1155	1158	rVB	69878	86709	1.29%	0.123%
71	15.345	1158	1160	1163	rVB	104388	118678	1.77%	0.168%

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72	15.403	1163	1165	1168	rBV	909233	1288264	19.16%	1.825%
73	16.786	1283	1286	1291	rVB2	40629	87702	1.30%	0.124%
74	17.186	1319	1321	1325	rVB	32513	68928	1.03%	0.098%

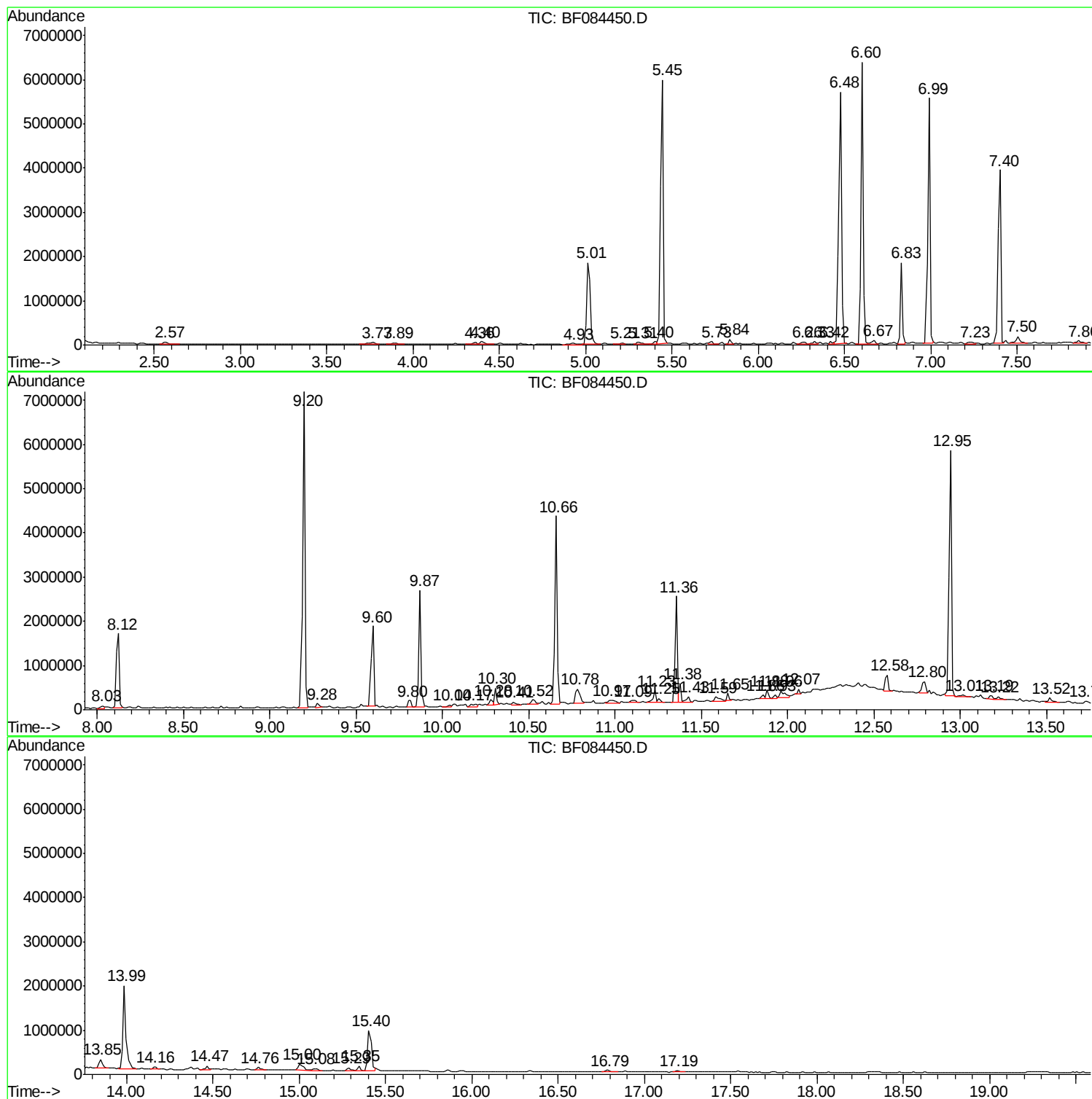
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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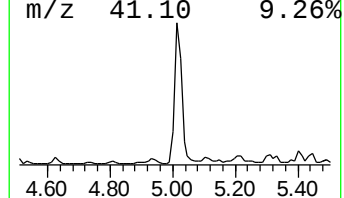
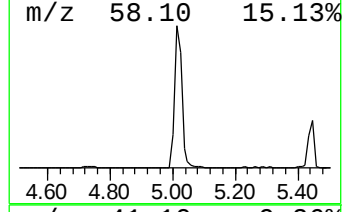
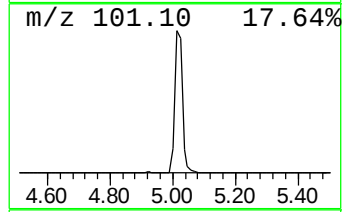
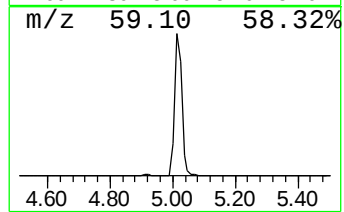
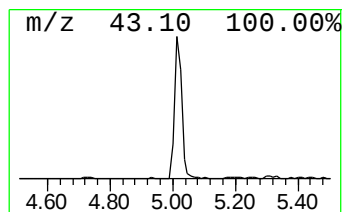
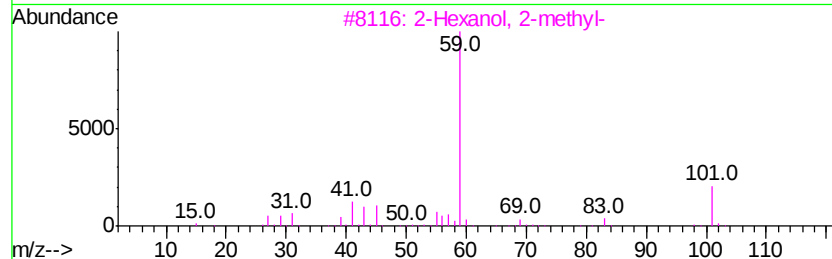
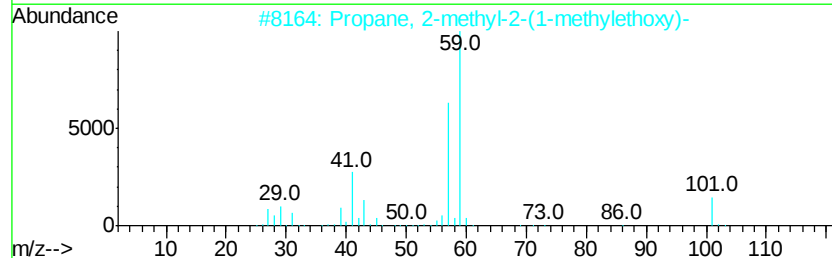
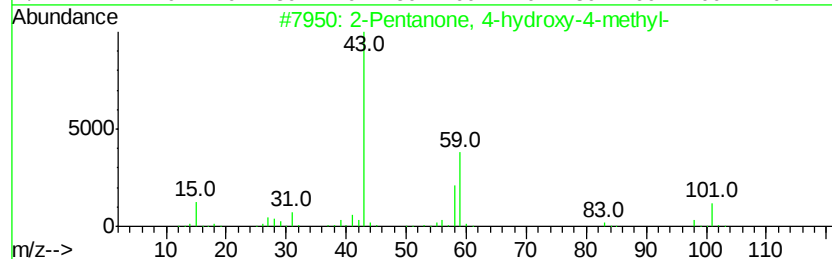
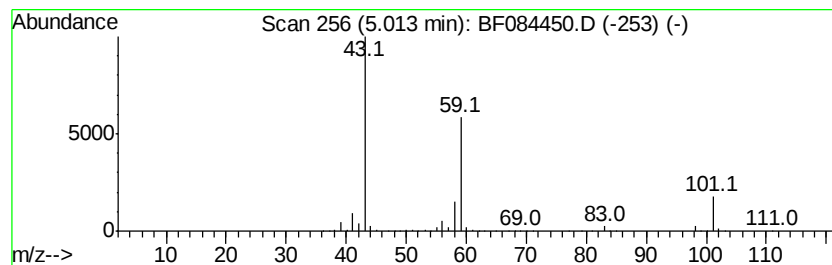
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	37.49 ng	2848870	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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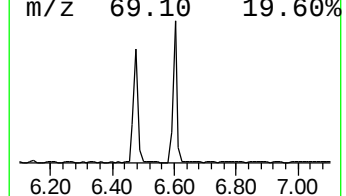
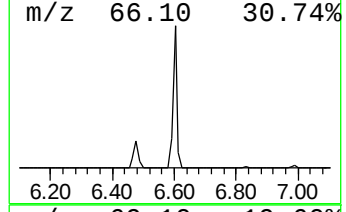
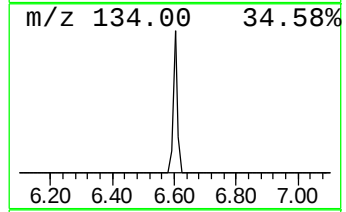
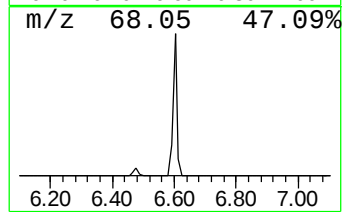
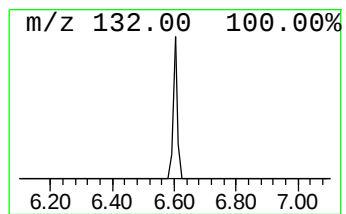
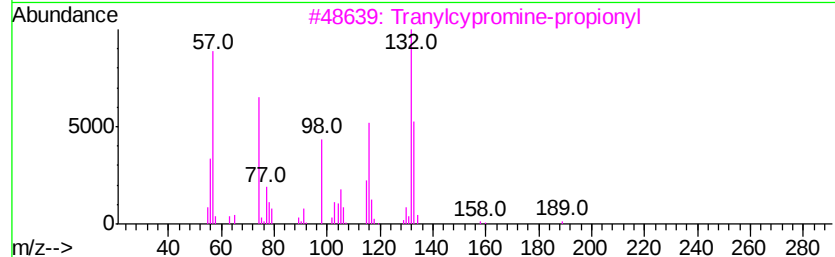
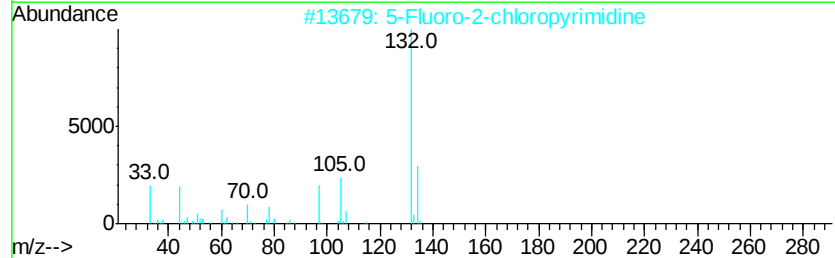
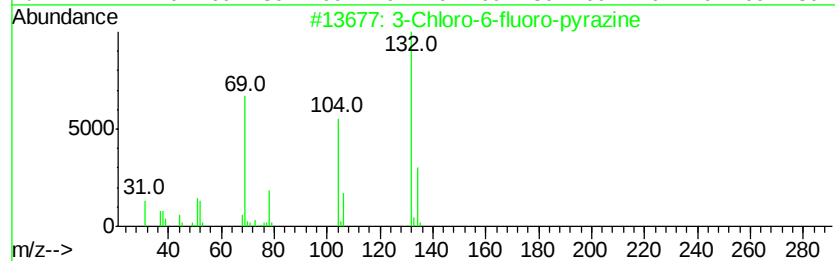
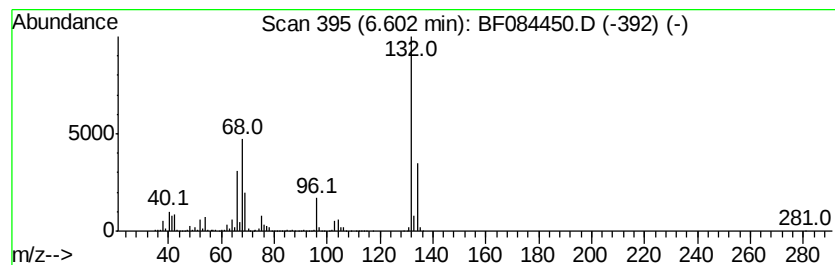
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	79.32 ng	6027310	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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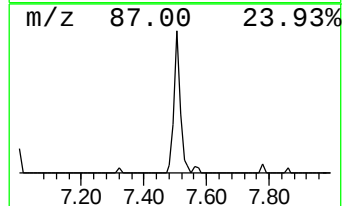
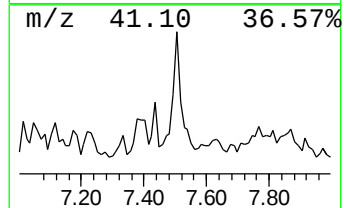
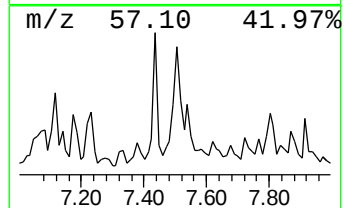
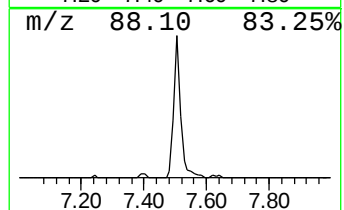
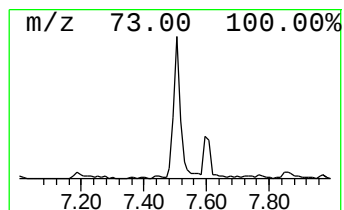
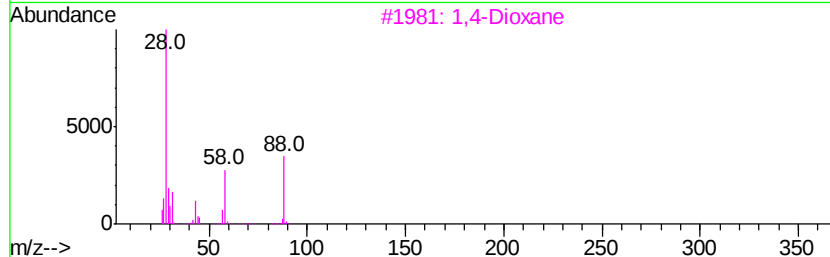
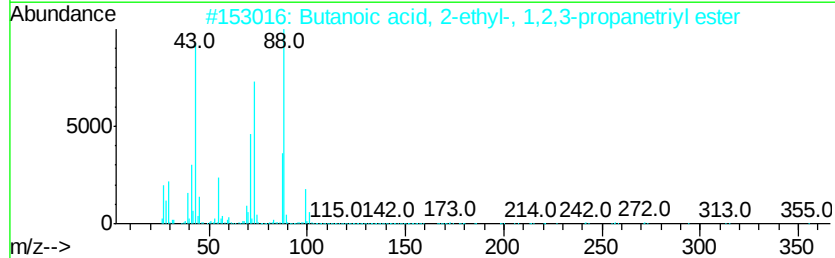
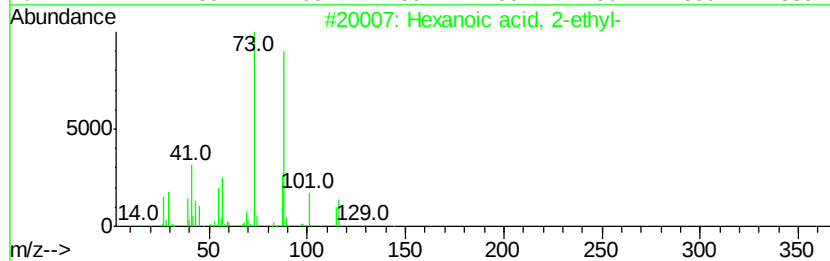
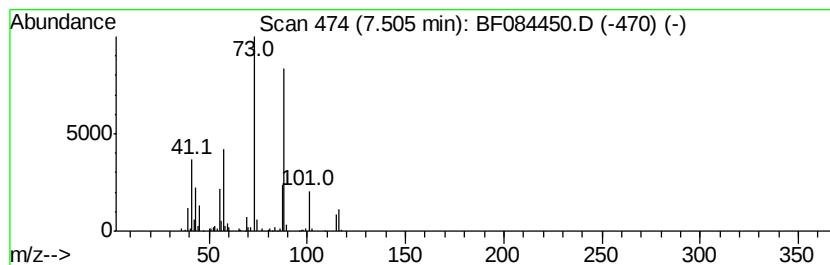
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	2.69 ng	283392	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
3		1,4-Dioxane	88	C4H8O2	000123-91-1	47
4		Methyl (R)-(-)-3-hydroxy-2-methy...	118	C5H10O3	072657-23-9	25
5		Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	25



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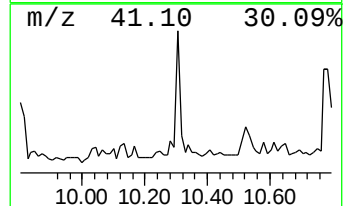
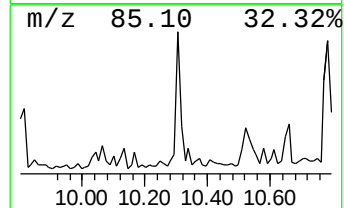
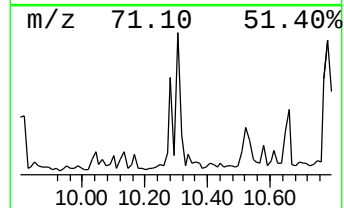
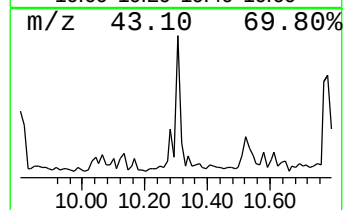
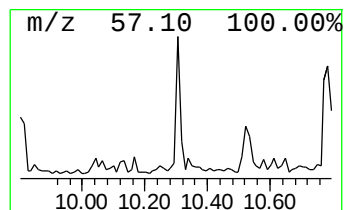
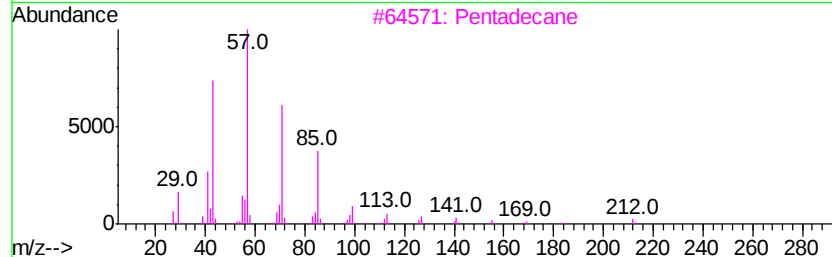
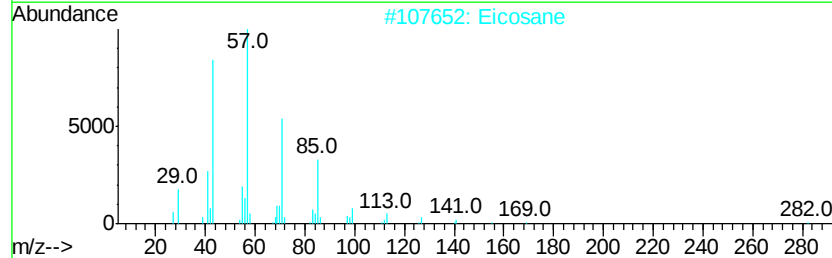
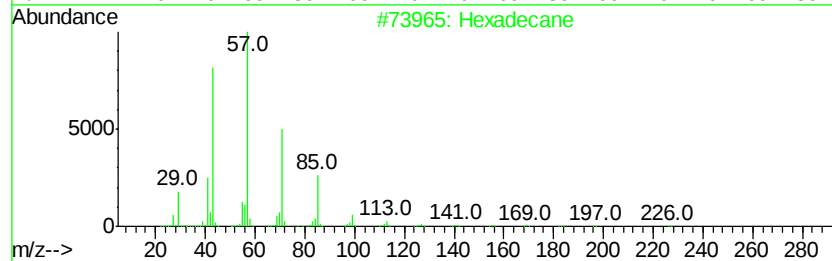
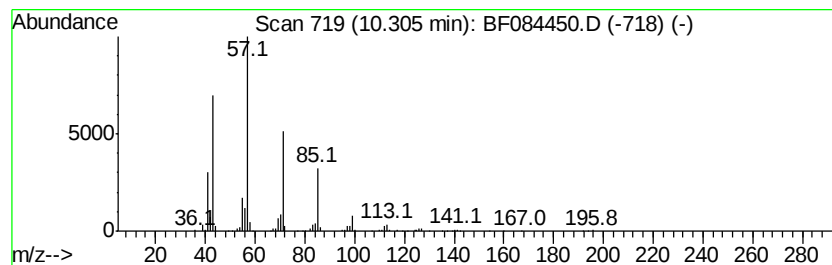
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.30	2.67 ng	312749	Acenaphthene-d10		9.87
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Eicosane	282	C20H42	000112-95-8	78
3	Pentadecane	212	C15H32	000629-62-9	72
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011316\
Data File : BF084450.D
Acq On : 13 Jan 2016 19:17
Operator : SJ/UM
Sample : H1115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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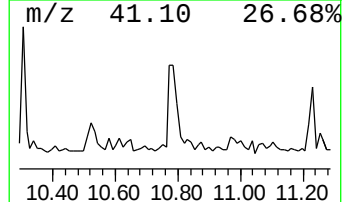
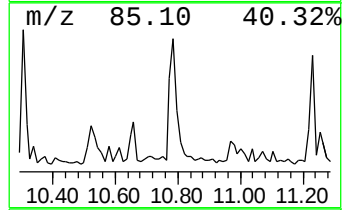
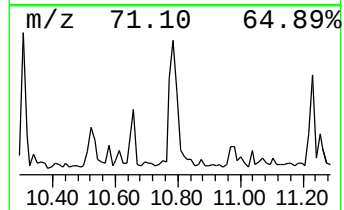
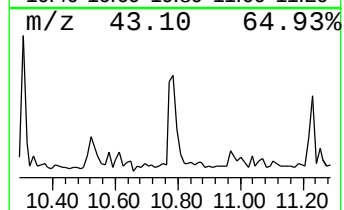
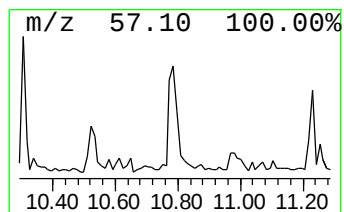
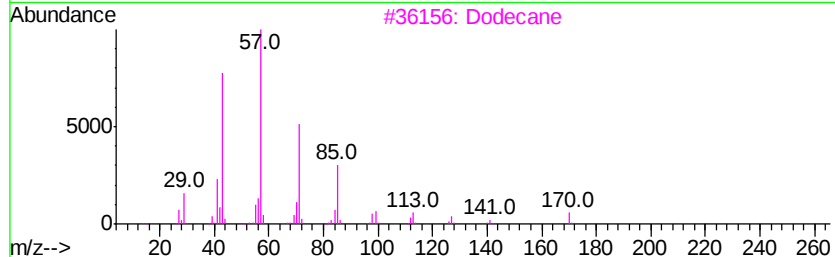
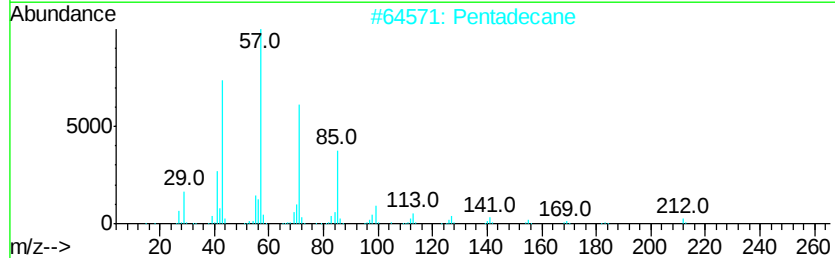
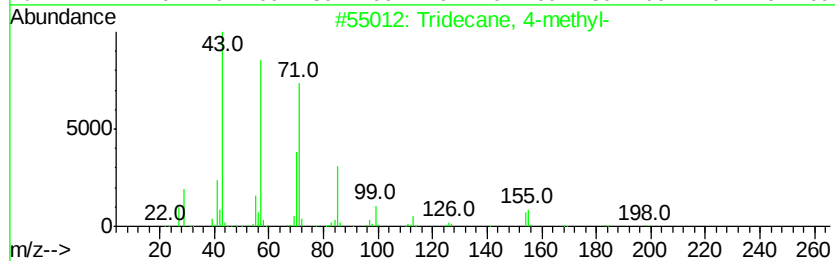
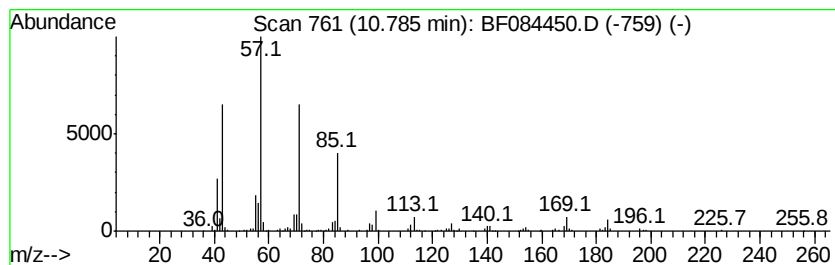
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	4.57 ng	527811	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
2		Pentadecane	212	C15H32	000629-62-9	86
3		Dodecane	170	C12H26	000112-40-3	86
4		Octacosane	394	C28H58	000630-02-4	86
5		Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011316\
Data File : BF084450.D
Acq On : 13 Jan 2016 19:17
Operator : SJ/UM
Sample : H1115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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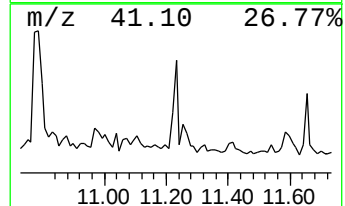
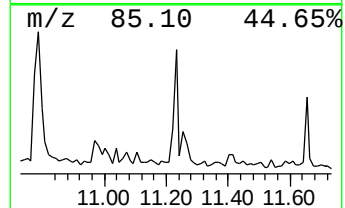
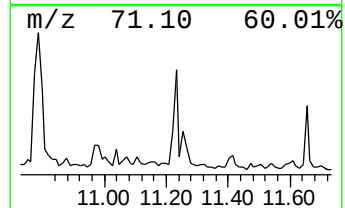
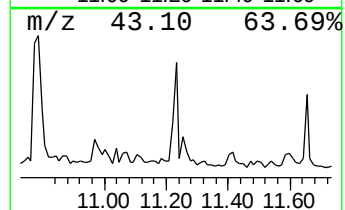
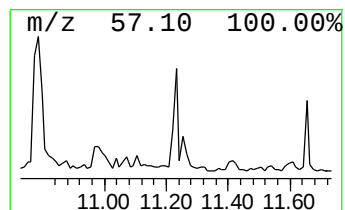
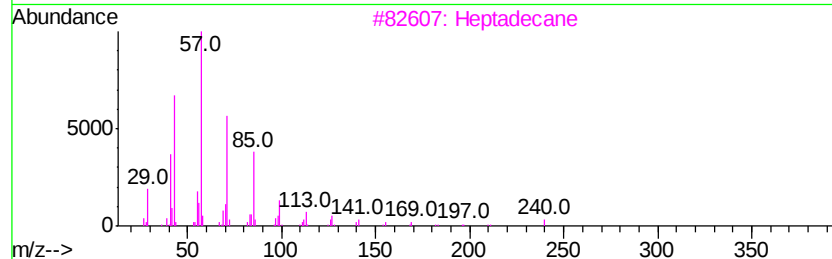
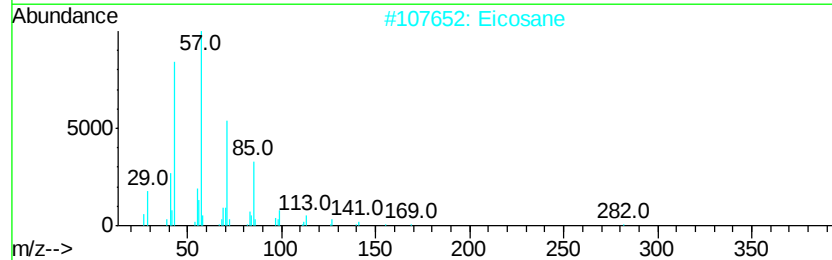
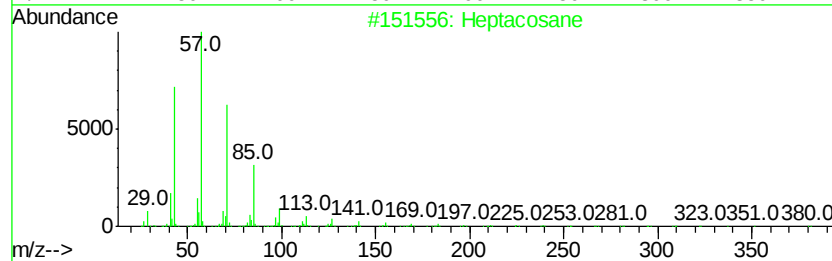
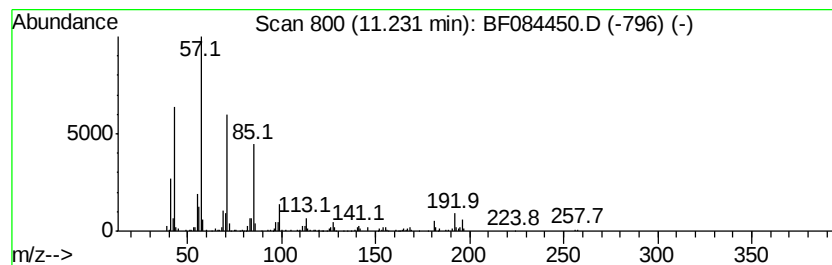
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.70 ng	311040	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	87
2	Eicosane		282	C20H42	000112-95-8	83
3	Heptadecane		240	C17H36	000629-78-7	83
4	Pentadecane		212	C15H32	000629-62-9	83
5	Octadecane		254	C18H38	000593-45-3	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084450.D
Acq On : 13 Jan 2016 19:17
Operator : SJ/UM
Sample : H1115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WHRB1A

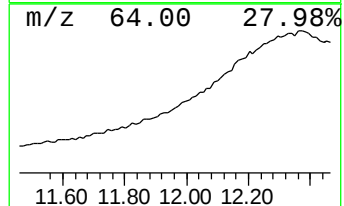
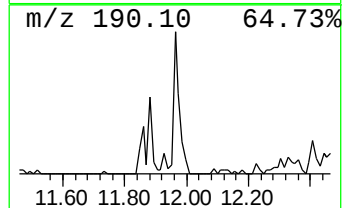
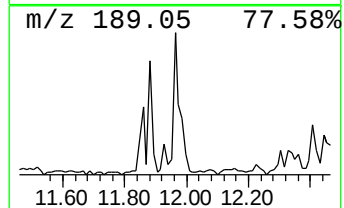
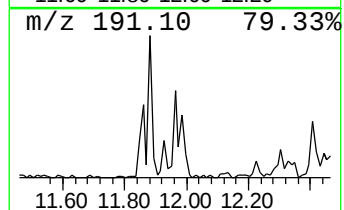
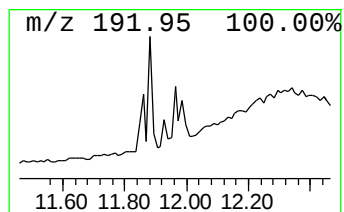
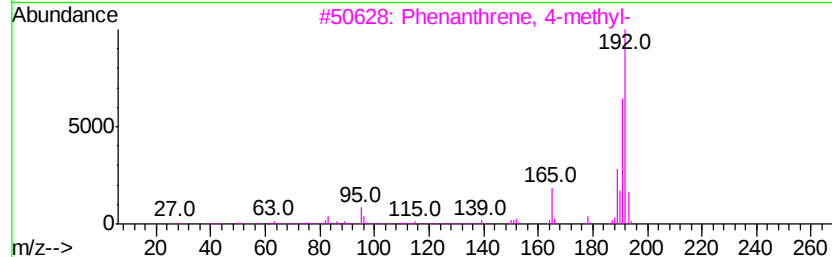
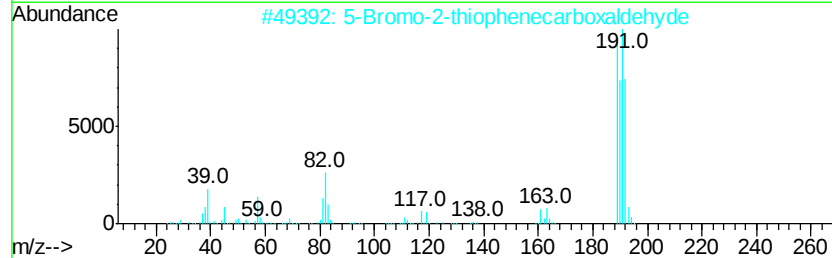
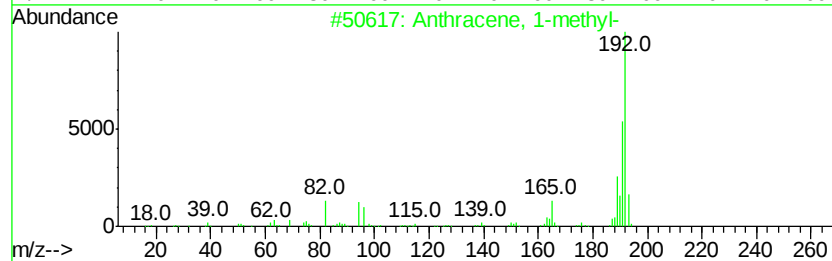
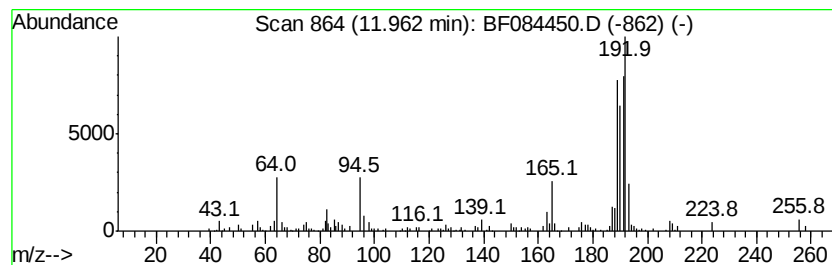
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.50 ng	288770	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
2		5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	52
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
4		5H-Dibenzofa,dlcycloheptene	192	C15H12	000256-81-5	50
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084450.D
Acq On : 13 Jan 2016 19:17
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Sample : H1115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

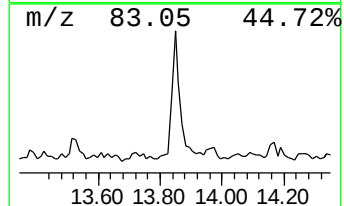
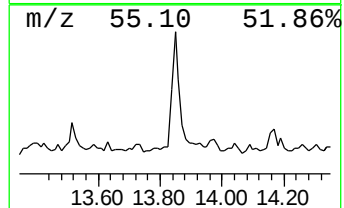
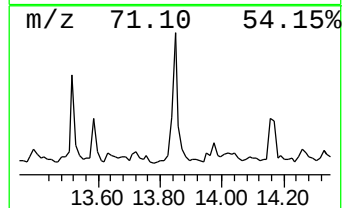
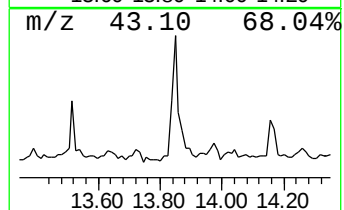
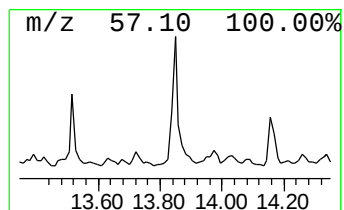
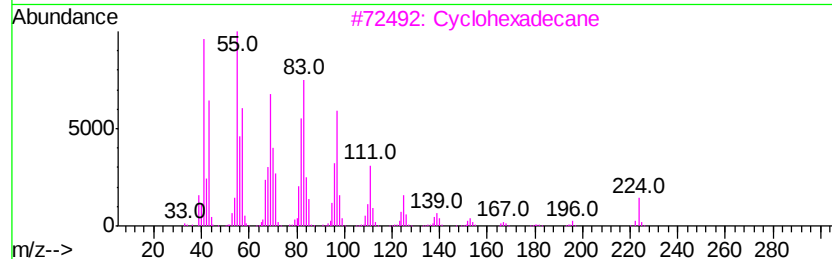
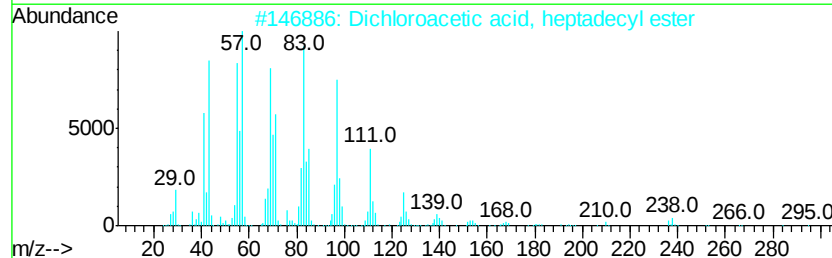
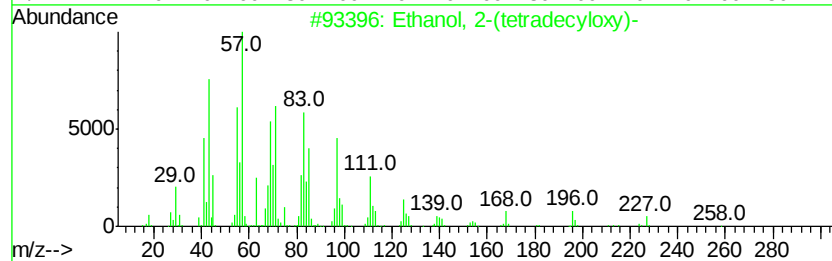
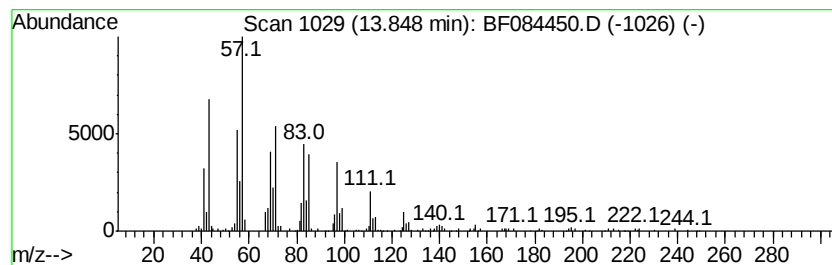
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Ethanol, 2-(tetradecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.85	2.58 ng	295221	Chrysene-d12	13.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	74
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	68
3		Cyclohexadecane	224	C16H32	000295-65-8	64
4		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	62
5		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011316\
Data File : BF084450.D
Acq On : 13 Jan 2016 19:17
Operator : SJ/UM
Sample : H1115-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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...	5.01	37.5	ng	2848870	1	6.83	1519840	20.0
unknown6.60	6.60	79.3	ng	6027310	1	6.83	1519840	20.0
Hexanoic acid, 2-...	7.50	2.7	ng	283392	2	8.12	2110300	20.0
Hexadecane	10.30	2.7	ng	312749	3	9.87	2346300	20.0
Tridecane, 4-methyl-	10.79	4.6	ng	527811	4	11.36	2308070	20.0
Heptacosane	11.23	2.7	ng	311040	4	11.36	2308070	20.0
Anthracene, 1-met...	11.96	2.5	ng	288770	4	11.36	2308070	20.0
Ethanol, 2-(tetra...	13.85	2.6	ng	295221	5	13.99	2289060	20.0