

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080801.D
 Acq On : 2 Aug 2015 1:42
 Operator : TP/UM
 Sample : G3125-01
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-2(0-2)

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-BF073015.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	4.396	199	202	206	rBV	128489	156971	3.44%	0.191%
2	5.047	255	259	261	rBV	2507999	3173552	69.51%	3.852%
3	5.459	292	295	297	rBV	3947065	3888045	85.16%	4.720%
4	5.859	328	330	333	rVB	114289	127354	2.79%	0.155%
5	6.133	351	354	356	rBV	780985	789044	17.28%	0.958%
6	6.304	363	369	370	rBV	123087	174516	3.82%	0.212%
7	6.327	370	371	376	rVB	66069	105995	2.32%	0.129%
8	6.487	382	385	387	rVV	3820400	4105305	89.92%	4.983%
9	6.556	389	391	394	rVB	141256	130495	2.86%	0.158%
10	6.624	394	397	399	rBV	3807788	3972735	87.02%	4.823%
11	6.853	415	417	421	rBV	1453515	1282973	28.10%	1.557%
12	6.933	422	424	426	rVV	111575	97115	2.13%	0.118%
13	7.013	429	431	433	rVB	2760588	2713950	59.44%	3.294%
14	7.413	463	466	469	rBV	2385212	2435723	53.35%	2.957%
15	7.516	471	475	477	rVV	90026	158182	3.46%	0.192%
16	7.882	500	507	513	rBV2	375672	1030921	22.58%	1.251%
17	8.076	522	524	527	rBV3	99764	147802	3.24%	0.179%
18	8.133	527	529	531	rBV	1504358	1426837	31.25%	1.732%
19	8.270	537	541	542	rBV	135698	181142	3.97%	0.220%
20	9.219	621	624	626	rBV	3466174	4565521	100.00%	5.542%
21	9.276	626	629	632	rVB2	72074	92834	2.03%	0.113%
22	9.333	632	634	639	rVB2	155140	252267	5.53%	0.306%
23	9.436	642	643	647	rBV	80558	105230	2.30%	0.128%
24	9.550	647	653	654	rBV	752727	672014	14.72%	0.816%
25	9.608	654	658	660	rVV	1569772	1429260	31.31%	1.735%
26	9.802	673	675	679	rVV2	187463	244142	5.35%	0.296%
27	9.893	680	683	684	rVV	1017132	1416976	31.04%	1.720%
28	9.916	684	685	689	rVB	201846	205784	4.51%	0.250%
29	10.008	691	693	695	rBV2	285887	319444	7.00%	0.388%
30	10.042	695	696	699	rBV2	121801	167658	3.67%	0.204%
31	10.179	705	708	711	rVB	194894	286812	6.28%	0.348%
32	10.293	716	718	719	rBV	91458	99660	2.18%	0.121%
33	10.362	722	724	726	rBV	238697	240741	5.27%	0.292%
34	10.408	726	728	729	rBV	215616	219350	4.80%	0.266%

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35	10.533	735	739	741	rVB4	47590	99318	2.18%	0.121%
36	10.591	741	744	746	rBV4	101953	166003	3.64%	0.202%
37	10.671	748	751	754	rVV	2420292	2564263	56.17%	3.113%
38	10.716	754	755	757	rVV2	144727	136522	2.99%	0.166%
39	10.796	761	762	766	rVV2	272793	429851	9.42%	0.522%
40	10.865	766	768	770	rVV	289728	433479	9.49%	0.526%
41	10.899	770	771	773	rVV2	330675	471924	10.34%	0.573%
42	10.933	773	774	778	rVV	309188	564129	12.36%	0.685%
43	11.002	778	780	782	rVV2	114166	275947	6.04%	0.335%
44	11.048	782	784	786	rVV3	320539	533093	11.68%	0.647%
45	11.082	786	787	790	rVV	315694	508230	11.13%	0.617%
46	11.128	790	791	793	rVV	216684	206448	4.52%	0.251%
47	11.173	793	795	797	rVB	106463	95574	2.09%	0.116%
48	11.242	797	801	802	rBV	166324	175284	3.84%	0.213%
49	11.368	810	812	813	rVV	1269294	1113111	24.38%	1.351%
50	11.402	813	815	816	rVV2	244283	311131	6.81%	0.378%
51	11.596	830	832	833	rBV	107725	149534	3.28%	0.182%
52	11.665	836	838	841	rBV	122847	130455	2.86%	0.158%
53	11.745	841	845	849	rVB4	90372	238174	5.22%	0.289%
54	11.825	849	852	854	rBV2	119911	231082	5.06%	0.281%
55	11.905	857	859	861	rBV	1150765	1120065	24.53%	1.360%
56	12.042	870	871	872	rBV	114522	118066	2.59%	0.143%
57	12.076	872	874	877	rVB	159171	183181	4.01%	0.222%
58	12.156	879	881	882	rBV	101903	98984	2.17%	0.120%
59	12.259	887	890	892	rVB	825054	928858	20.35%	1.128%
60	12.431	902	905	907	rBV2	78255	183836	4.03%	0.223%
61	12.579	915	918	919	rVV	181603	310610	6.80%	0.377%
62	12.602	919	920	925	rVV3	243922	531094	11.63%	0.645%
63	12.682	925	927	932	rVB	385630	416166	9.12%	0.505%
64	12.796	935	937	939	rVB2	153091	231306	5.07%	0.281%
65	12.956	948	951	953	rBV	2294706	2723915	59.66%	3.307%
66	13.059	958	960	962	rVB	147058	166809	3.65%	0.202%
67	13.196	970	972	973	rBV2	74267	114458	2.51%	0.139%
68	13.219	973	974	976	rVV2	130610	157076	3.44%	0.191%
69	13.299	979	981	985	rVV3	135465	226409	4.96%	0.275%
70	13.414	989	991	992	rVV2	185604	207681	4.55%	0.252%
71	13.482	994	997	1000	rVV2	830976	1070504	23.45%	1.299%

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72	13.562	1003	1004	1007	rVB	207461	165922	3.63%	0.201%
73	13.654	1009	1012	1014	rVV2	113120	196162	4.30%	0.238%
74	13.722	1016	1018	1019	rVV	789676	1108866	24.29%	1.346%
75	13.745	1019	1020	1022	rVV2	103454	169753	3.72%	0.206%
76	13.814	1022	1026	1029	rVV2	800767	1590704	34.84%	1.931%
77	13.859	1029	1030	1032	rVB	121325	109156	2.39%	0.133%
78	13.997	1037	1042	1047	rBV	893034	1593642	34.91%	1.935%
79	14.077	1047	1049	1050	rBV	144491	160277	3.51%	0.195%
80	14.294	1066	1068	1070	rBV2	174769	318758	6.98%	0.387%
81	14.477	1082	1084	1086	rVB	246435	222440	4.87%	0.270%
82	14.602	1091	1095	1097	rVV2	553942	1375299	30.12%	1.669%
83	14.648	1097	1099	1101	rVB	462148	654582	14.34%	0.795%
84	14.911	1120	1122	1127	rBV2	293135	498547	10.92%	0.605%
85	15.014	1129	1131	1134	rVV	198308	357584	7.83%	0.434%
86	15.105	1136	1139	1141	rVB	1512747	1988734	43.56%	2.414%
87	15.254	1149	1152	1159	rVB3	399307	1323785	29.00%	1.607%
88	15.425	1164	1167	1169	rVV	692967	945558	20.71%	1.148%
89	15.460	1169	1170	1172	rVB	183343	187483	4.11%	0.228%
90	15.654	1184	1187	1193	rBV	503712	765946	16.78%	0.930%
91	15.882	1204	1207	1213	rVB	1514862	2337461	51.20%	2.837%
92	16.020	1215	1219	1223	rBV2	856900	2628131	57.56%	3.190%
93	16.637	1269	1273	1278	rBV	525656	1090190	23.88%	1.323%
94	16.923	1295	1298	1301	rBV	290983	558486	12.23%	0.678%
95	16.991	1301	1304	1310	rVV6	143524	365688	8.01%	0.444%
96	17.494	1343	1348	1354	rBV3	563845	2912869	63.80%	3.536%
97	17.986	1385	1391	1394	rBV3	181782	655392	14.36%	0.796%
98	18.351	1418	1423	1431	rVB	514871	1500766	32.87%	1.822%
99	19.163	1490	1494	1503	rVB2	339257	1205977	26.41%	1.464%
100	21.300	1673	1681	1693	rVB3	285797	1351704	29.61%	1.641%

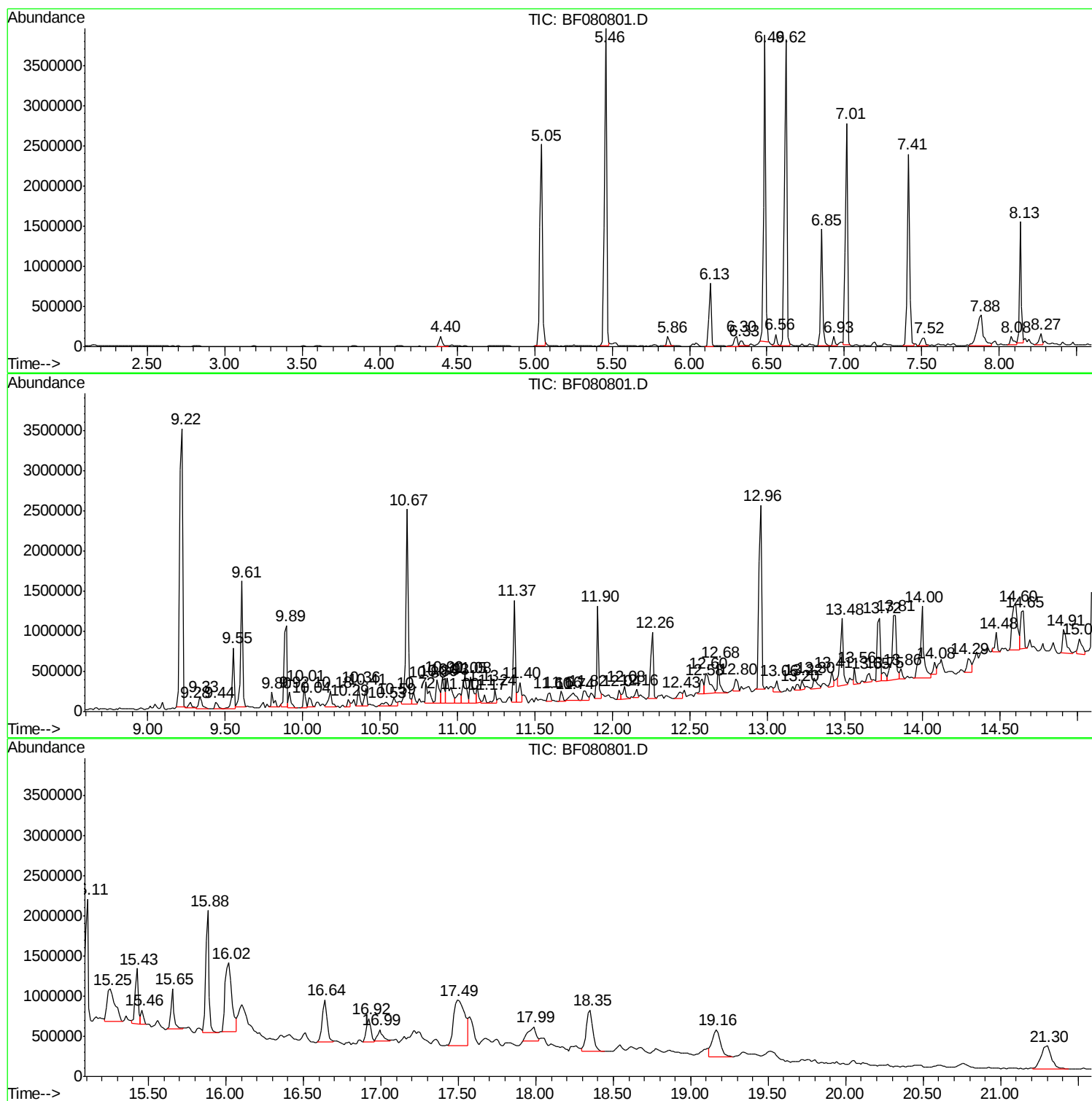
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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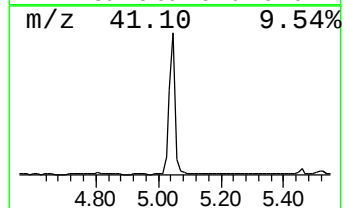
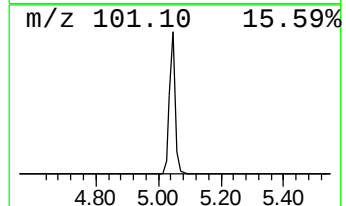
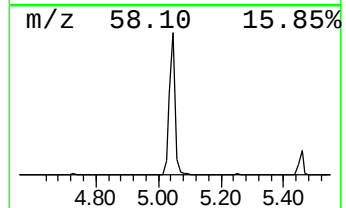
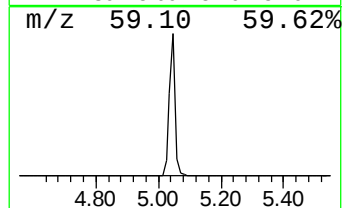
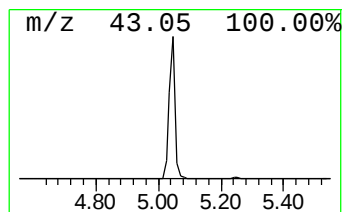
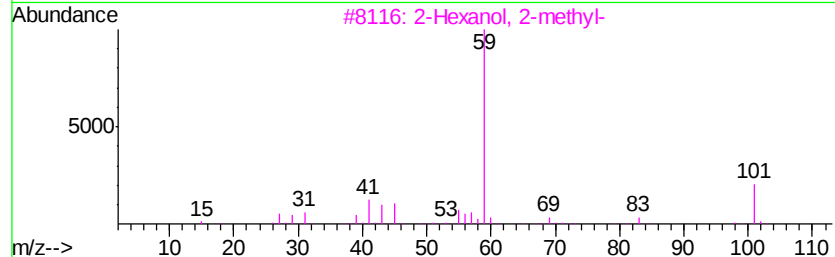
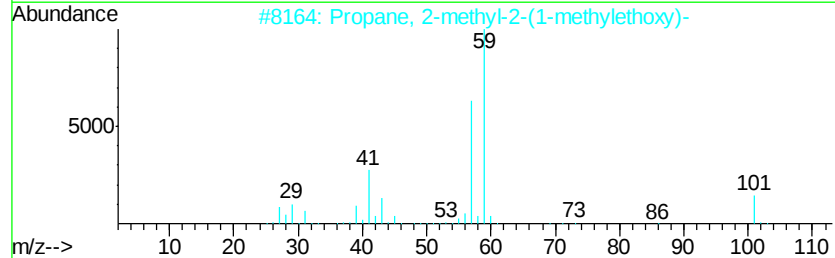
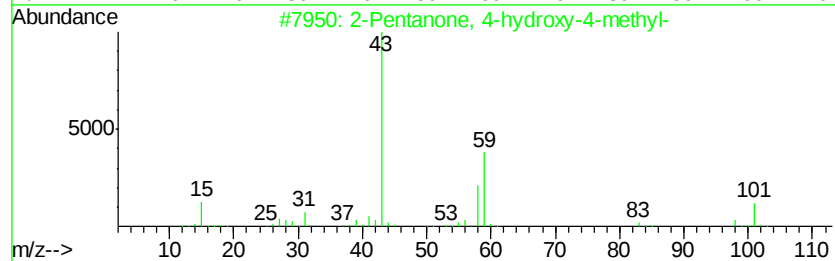
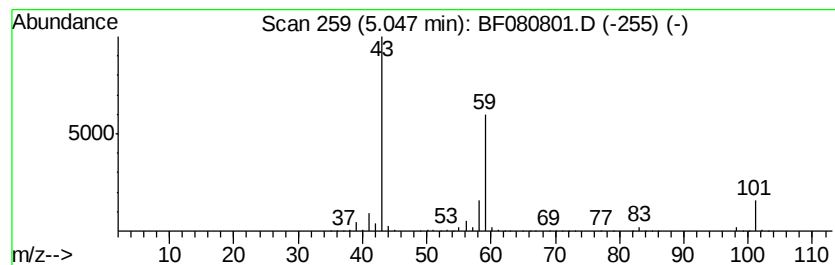
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	49.47 ng	3173550	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
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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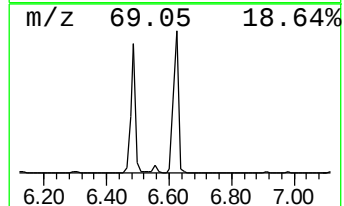
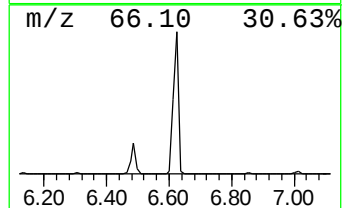
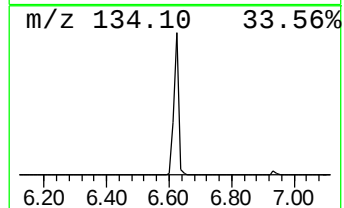
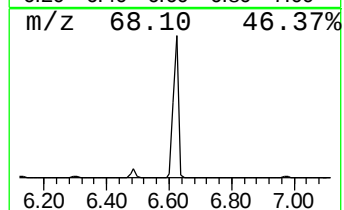
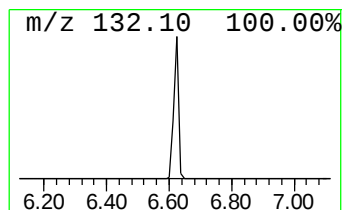
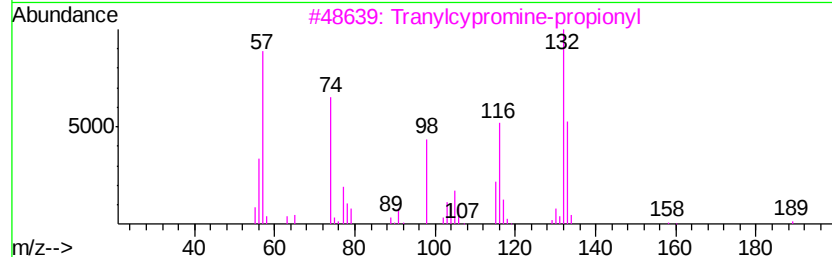
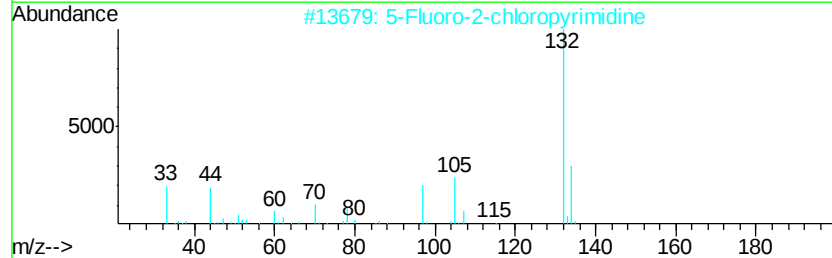
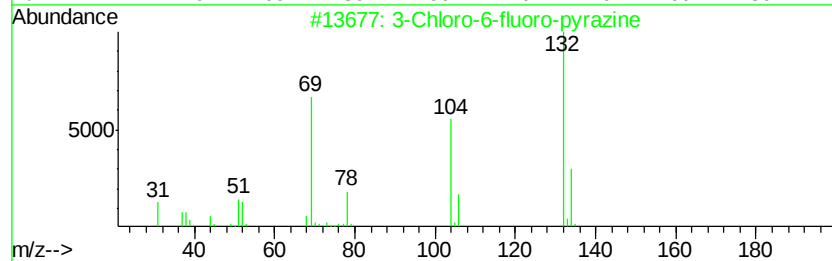
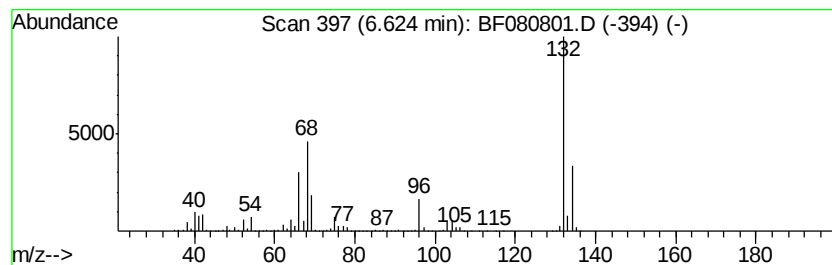
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	61.93 ng	3972740	1,4-Dichlorobenzene-d4	6.85

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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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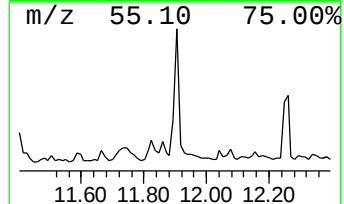
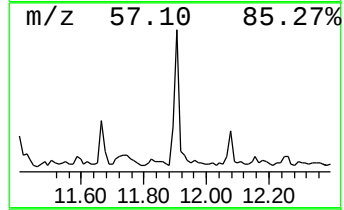
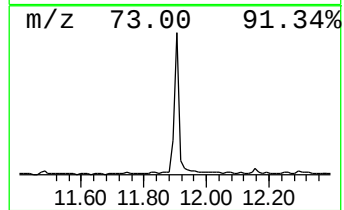
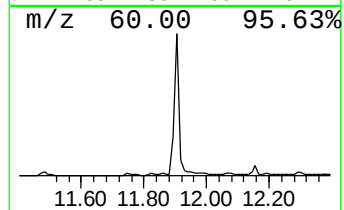
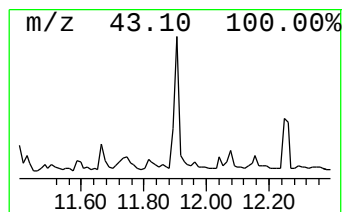
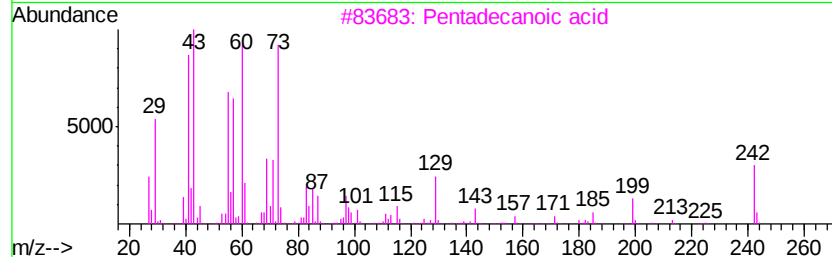
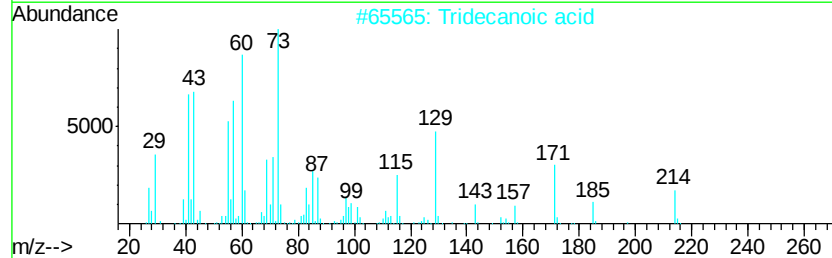
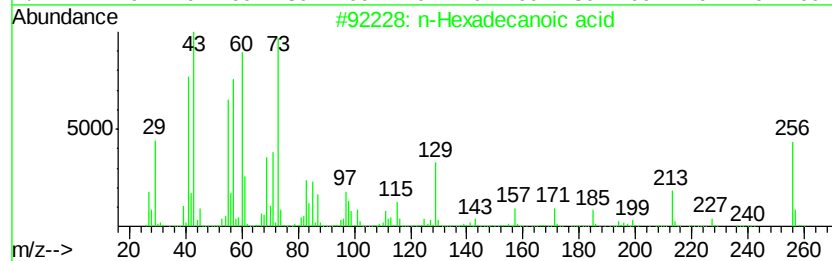
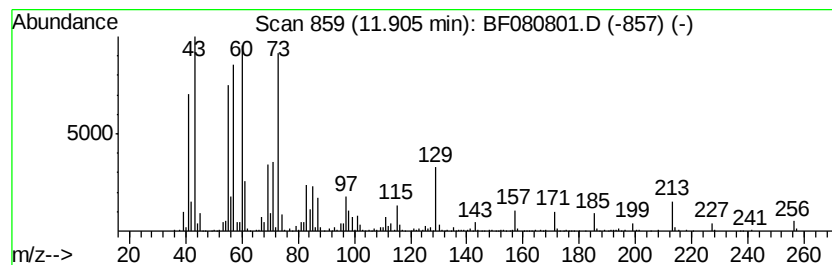
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	20.12 ng	1120070	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Undecanoic acid	186	C11H22O2	000112-37-8	59
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

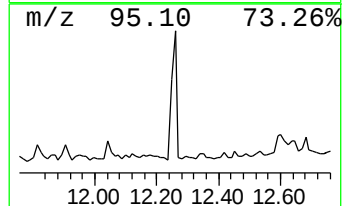
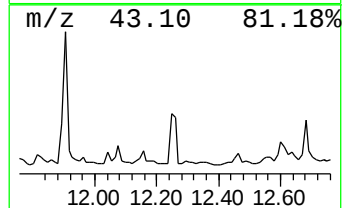
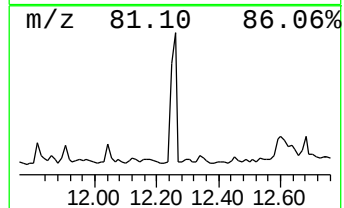
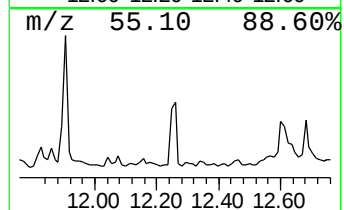
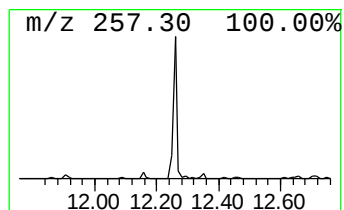
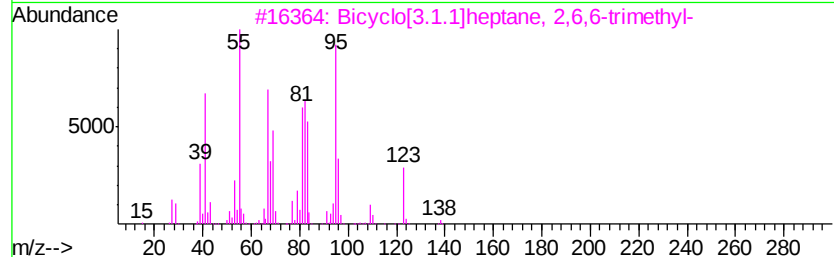
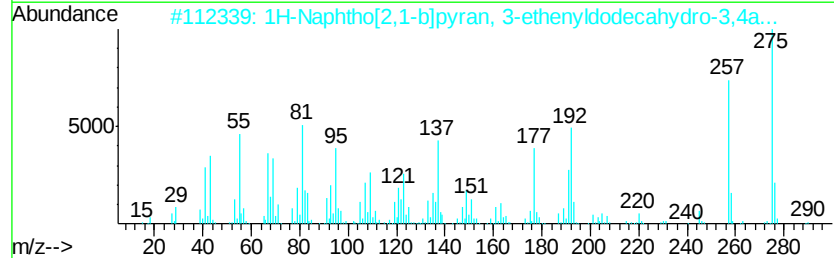
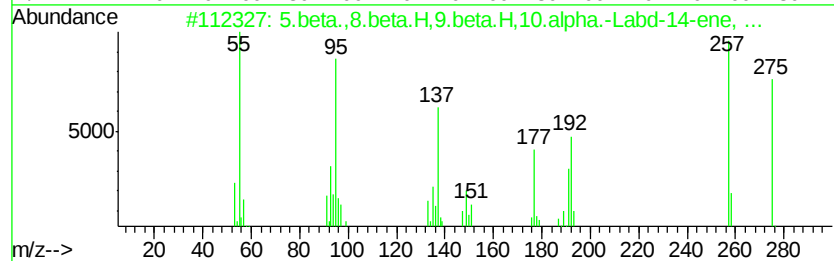
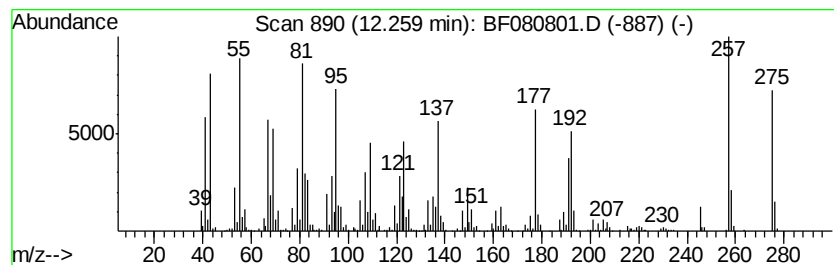
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 5.beta.,8.beta.H,9.beta.H,1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	16.69 ng	928858	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5	beta.	8.beta.H,9.beta.H,10.alp...	290	C20H34O	019123-29-6	78
2	1H-Naphtho[2,1-b]pyran,	3-etheny...		290	C20H34O	000596-84-9	49
3	Bicyclo[3.1.1]heptane,	2,6,6-tri...		138	C10H18	000473-55-2	44
4	Naphthalene,	2-butyldecahydro-		194	C14H26	006305-52-8	42
5	7-Tetradecyne			194	C14H26	035216-11-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

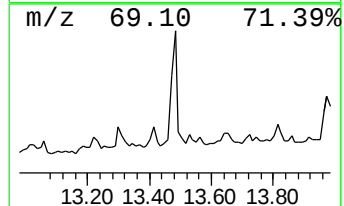
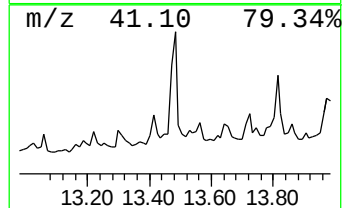
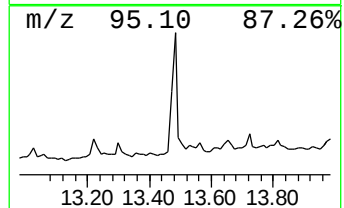
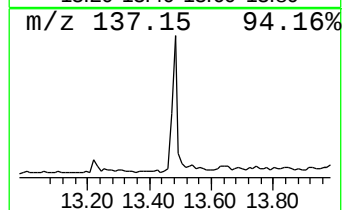
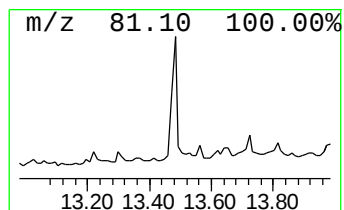
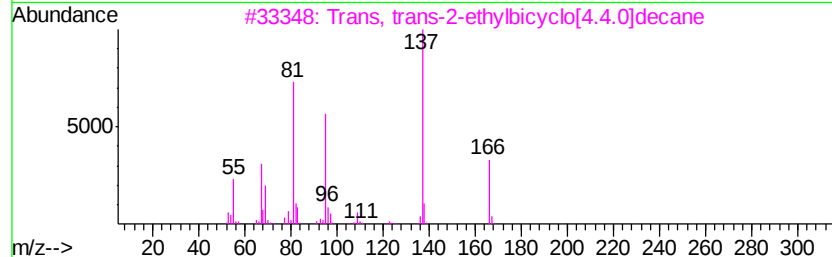
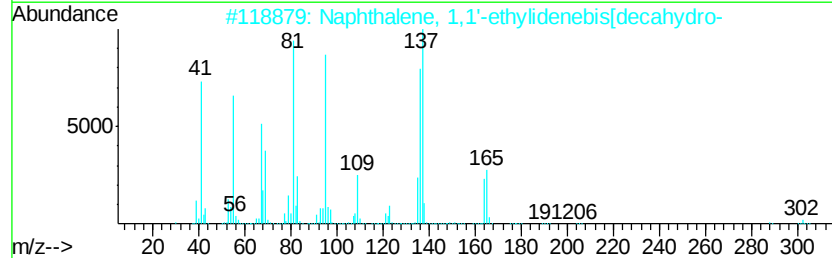
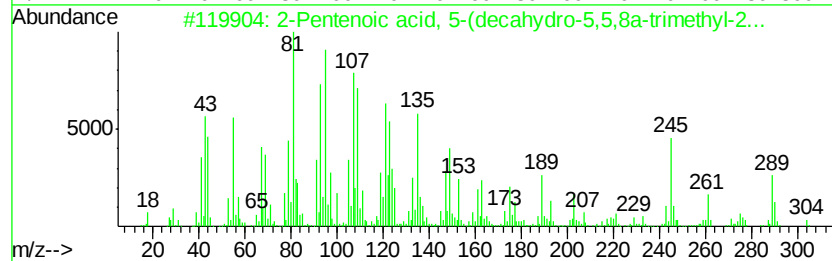
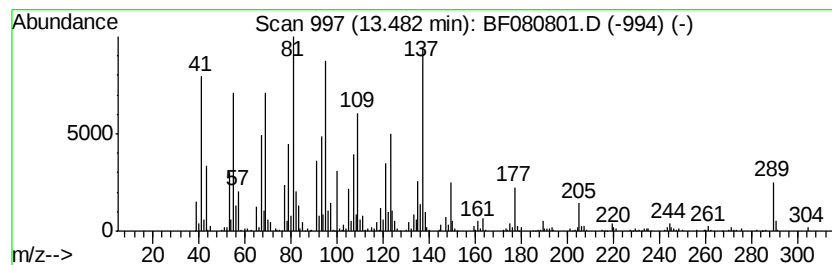
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Pentenoic acid, 5-(decahy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	13.43 ng	1070500	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Pentenoic acid, 5-(decahydro-5...	304 C20H32O2	024470-48-2	55
2	Naphthalene, 1,1'-ethylidenebis[...	302 C22H38	054934-70-2	52
3	Trans, trans-2-ethylbicyclo[4.4....	166 C12H22	066660-37-5	43
4	Naphthalene, decahydro-1,6-dimet...	208 C15H28	034315-85-0	35
5	1-Cyclohexene-1-carboxaldehyde, ...	152 C10H16O	000432-25-7	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

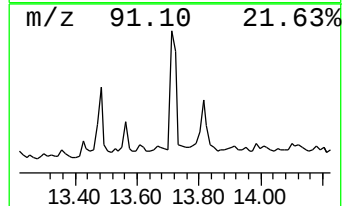
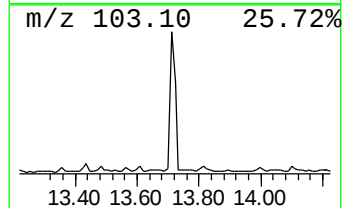
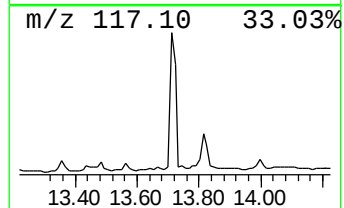
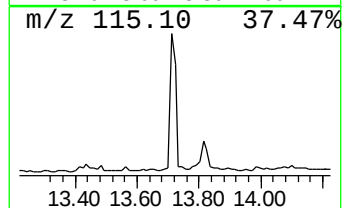
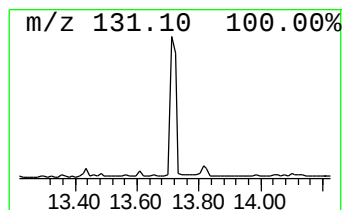
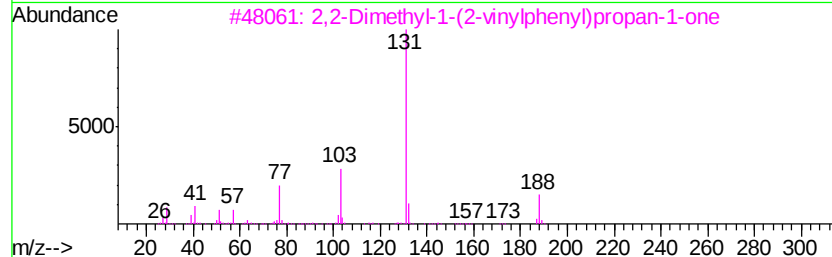
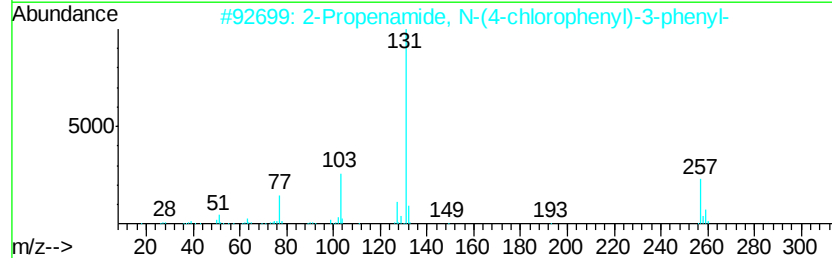
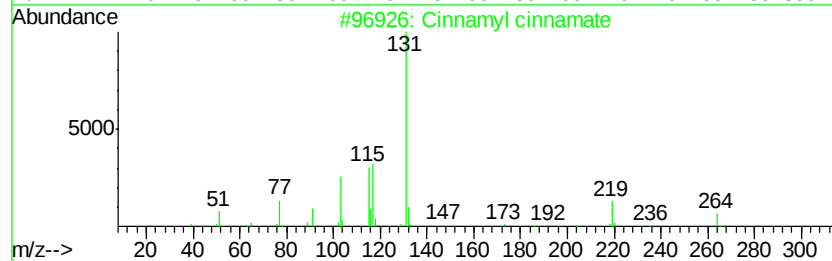
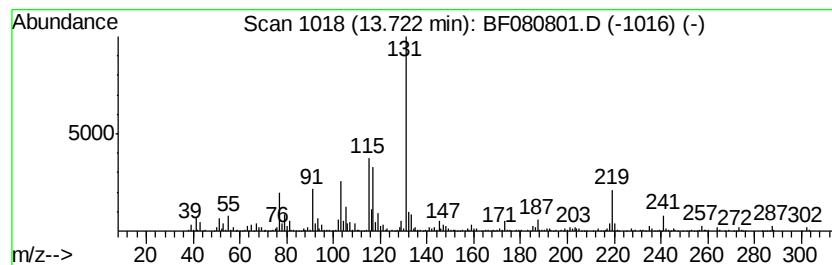
Instrument :
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ClientSampleId :
WEST-ABUT-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cinnamyl cinnamate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	13.92 ng	1108870	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cinnamyl cinnamate	264 C18H16O2	000122-69-0 78	
2	2-Propenamide, N-(4-chlorophenyl)...	257 C15H12ClNO	053691-91-1 60	
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188 C13H16O	1000210-99-9 49	
4	3-Hydroxy-2-p-tolyl-2-butenenitrile	173 C11H11NO	1000243-87-8 47	
5	2-Propenoic acid, 3-phenyl-, phe...	224 C15H12O2	025695-77-6 47	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

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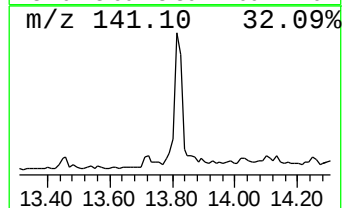
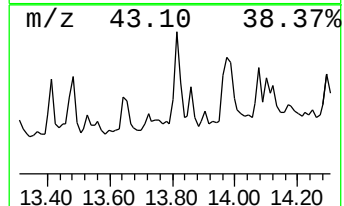
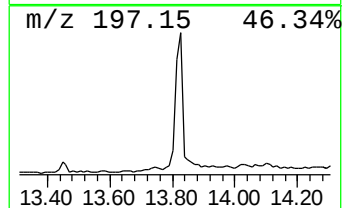
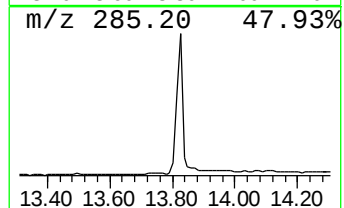
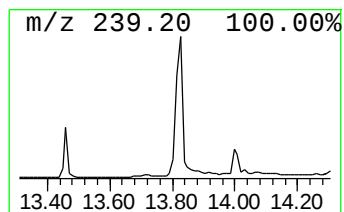
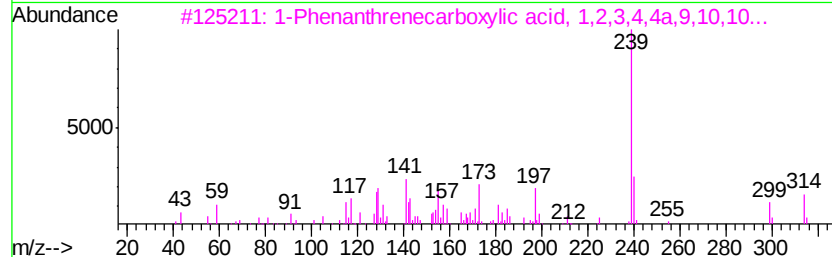
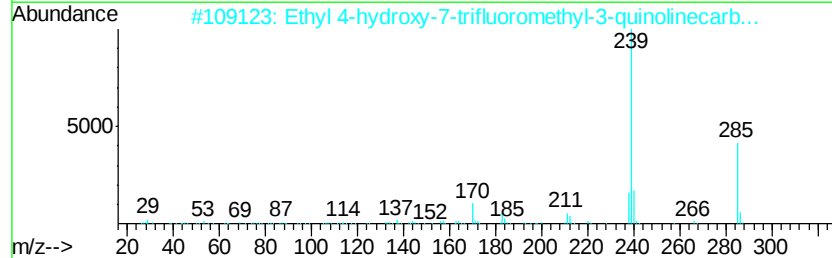
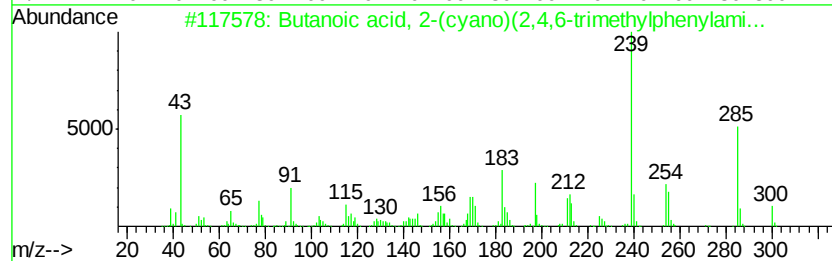
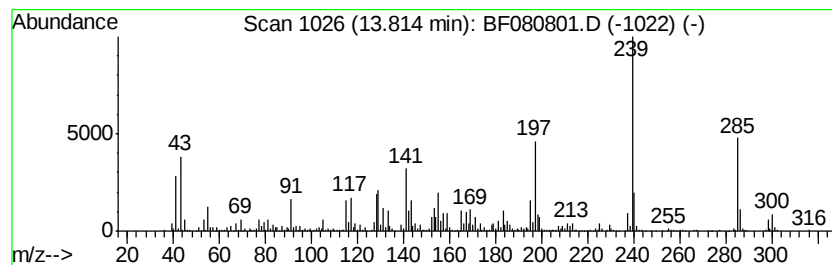
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Butanoic acid, 2-(cyano)(2,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	19.96 ng	1590700	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	60
2		Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3N03	000391-02-6	49
3		1-Phenanthrenecarboxylic acid, 1...	314	C21H30O2	001235-74-1	47
4		Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	30
5		Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
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Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

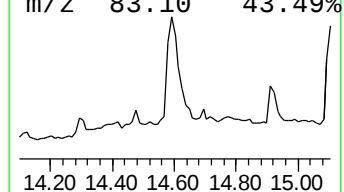
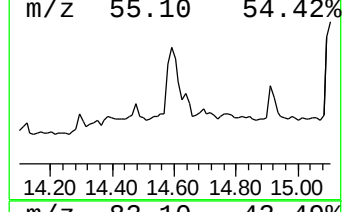
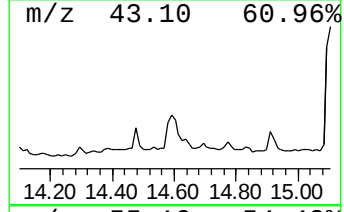
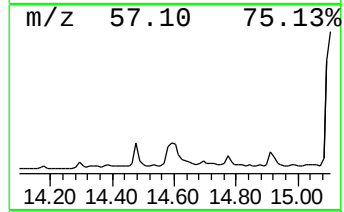
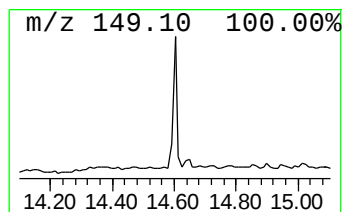
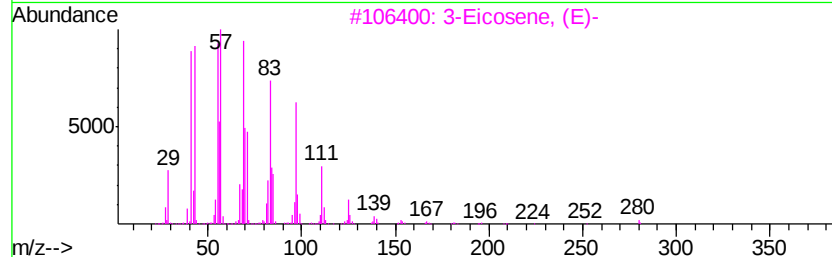
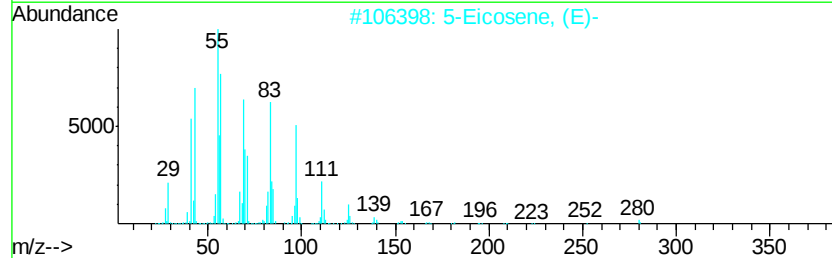
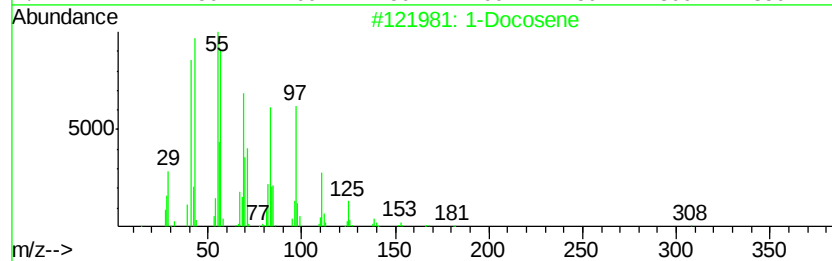
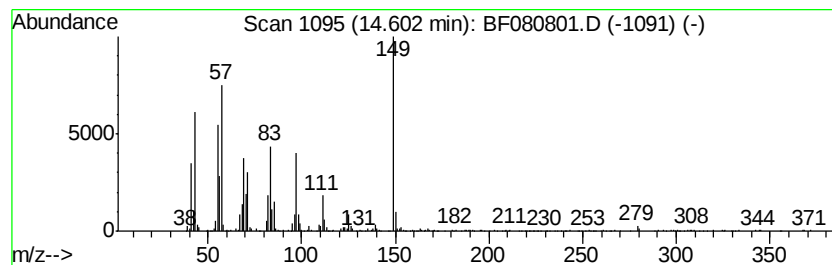
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Docosene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	17.26 ng	1375300	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 96
2	5-Eicosene, (E)-		280 C20H40	074685-30-6 90
3	3-Eicosene, (E)-		280 C20H40	074685-33-9 80
4	Cycloeicosane		280 C20H40	000296-56-0 70
5	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

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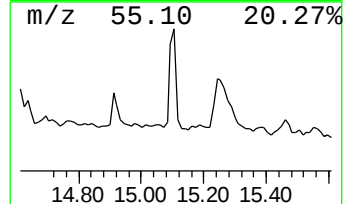
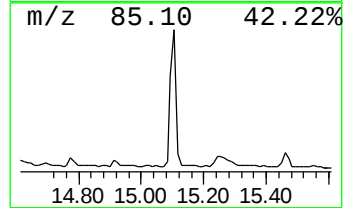
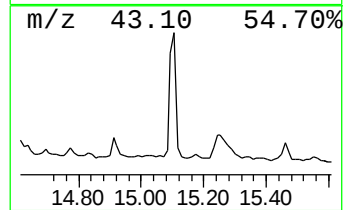
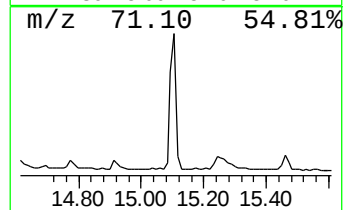
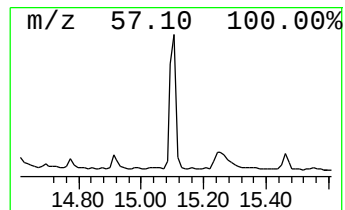
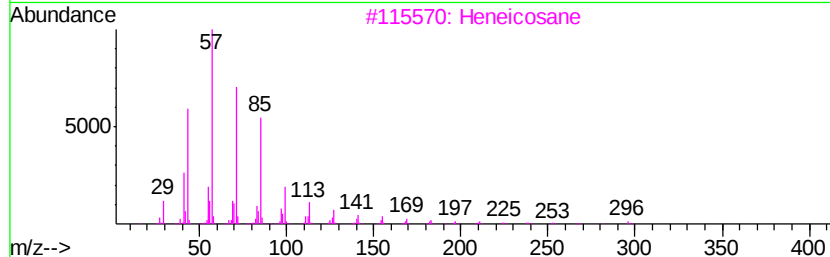
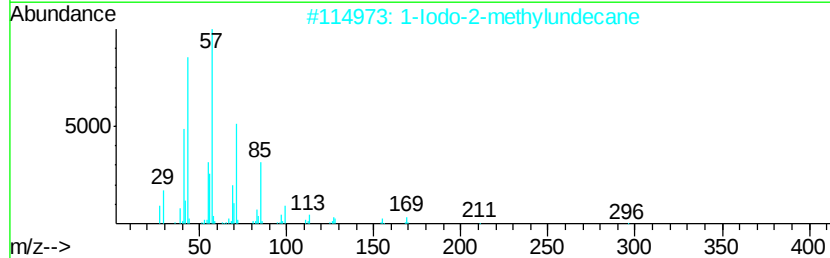
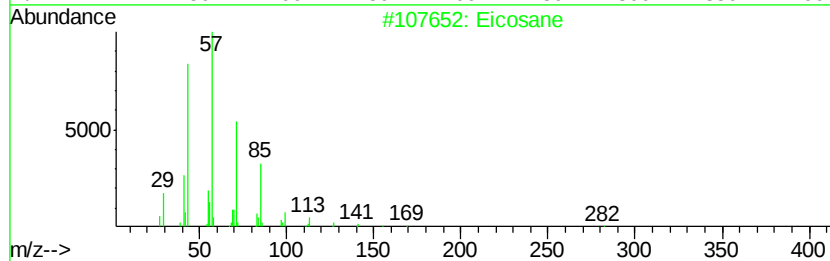
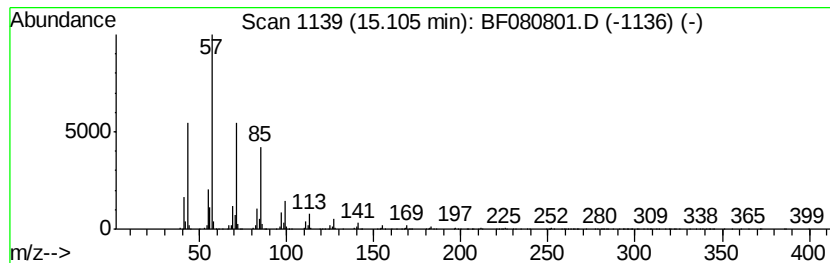
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	42.06 ng	1988730	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

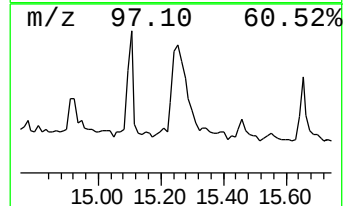
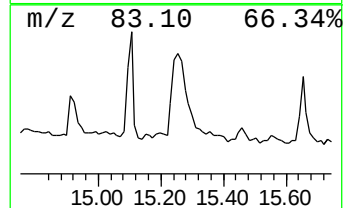
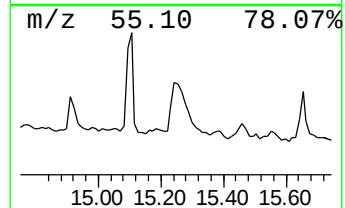
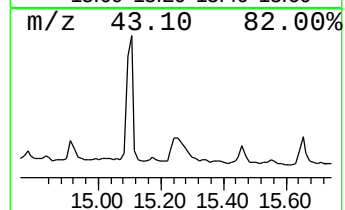
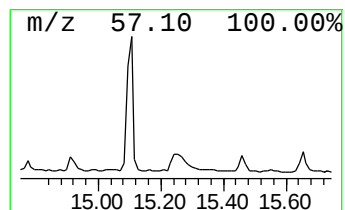
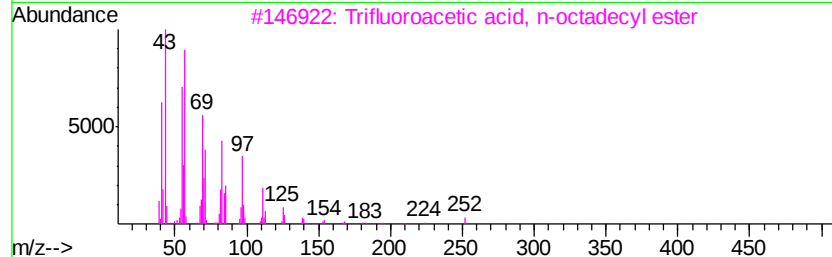
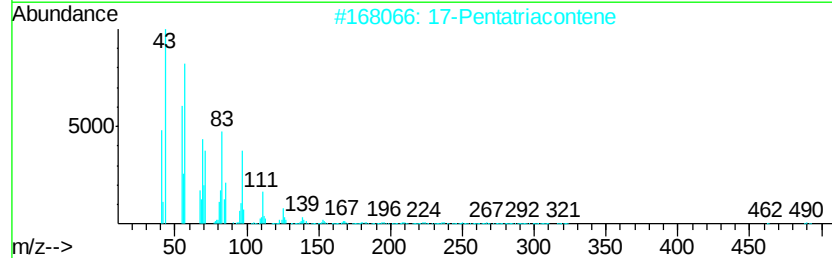
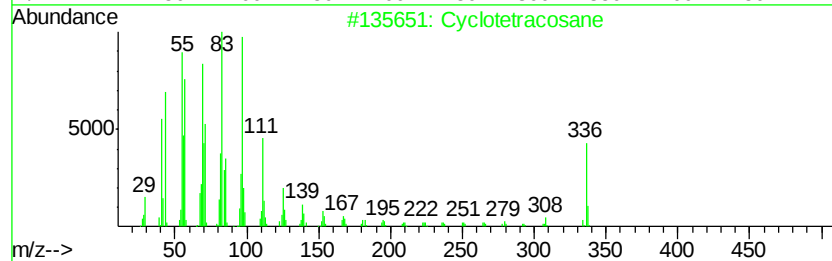
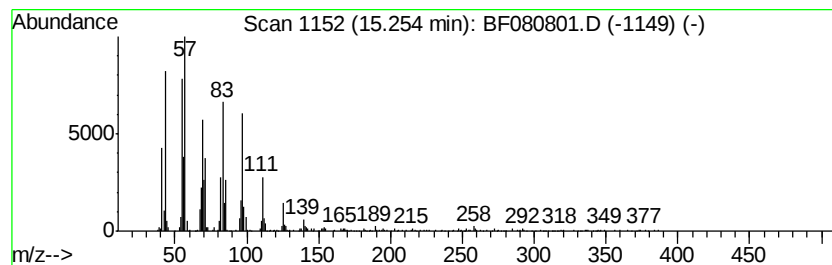
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclotetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	28.00 ng	1323790	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	90
3		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
4		1-Docosene	308	C22H44	001599-67-3	90
5		Cycloeicosane	280	C20H40	000296-56-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

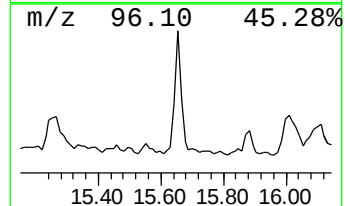
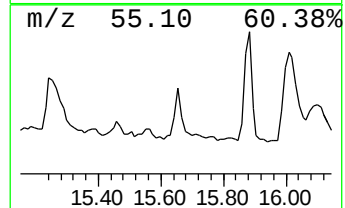
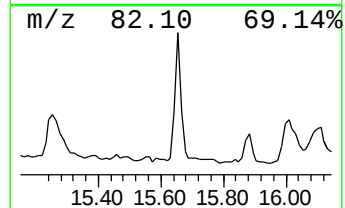
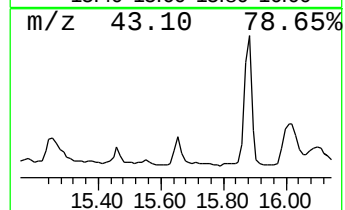
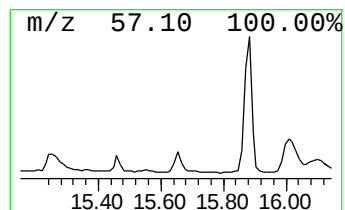
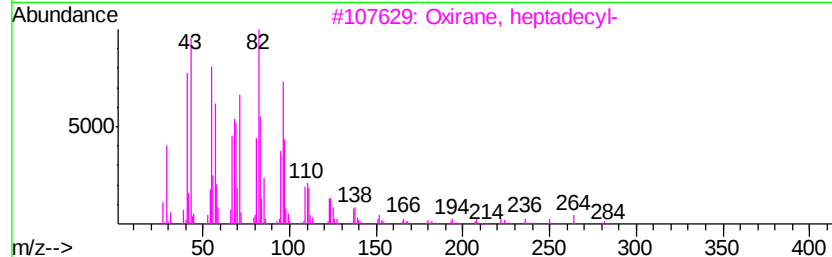
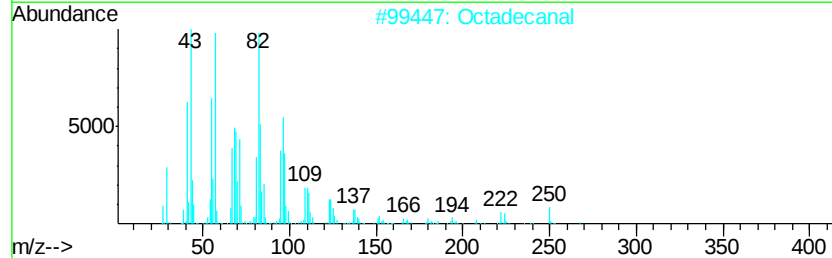
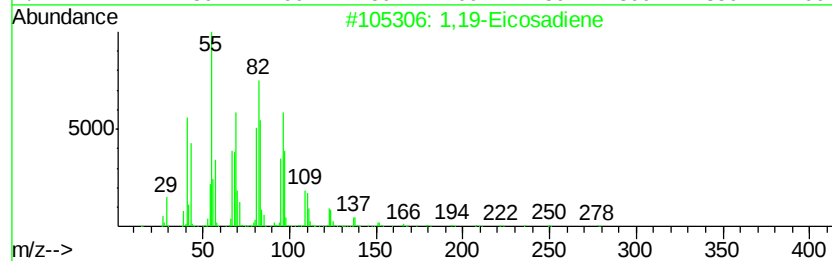
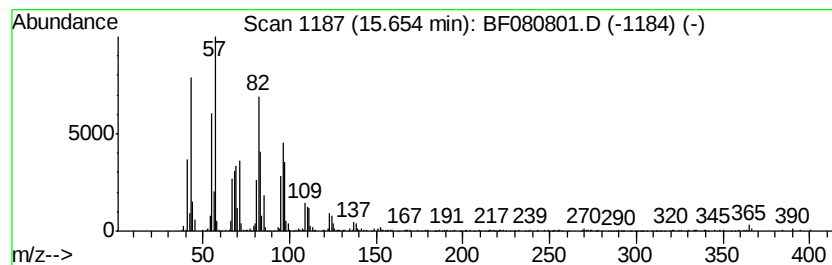
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,19-Eicosadiene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.65	16.20 ng	765946	Perylene-d12	15.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	17-Octadecenal	266	C18H34O	056554-86-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

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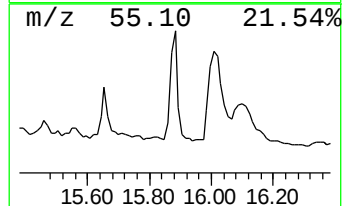
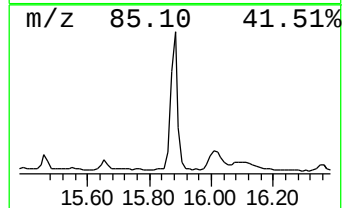
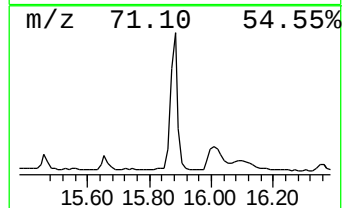
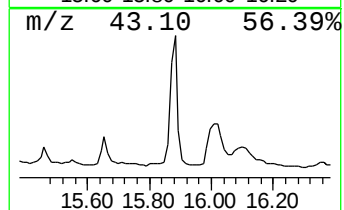
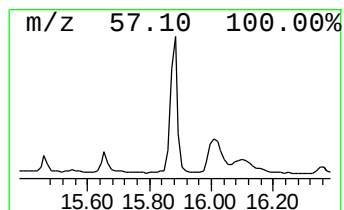
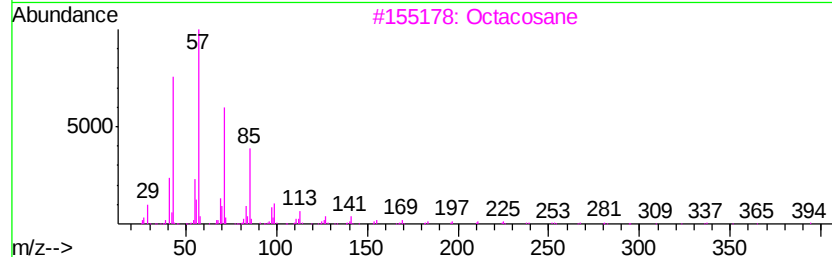
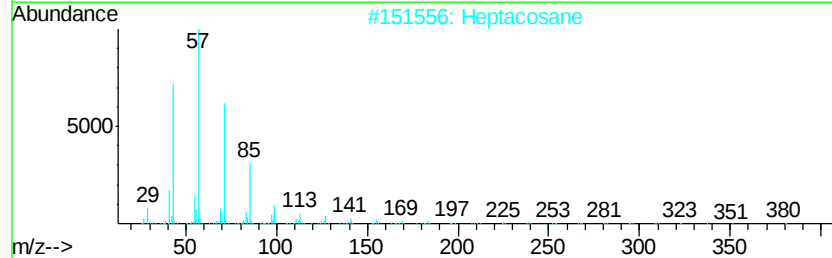
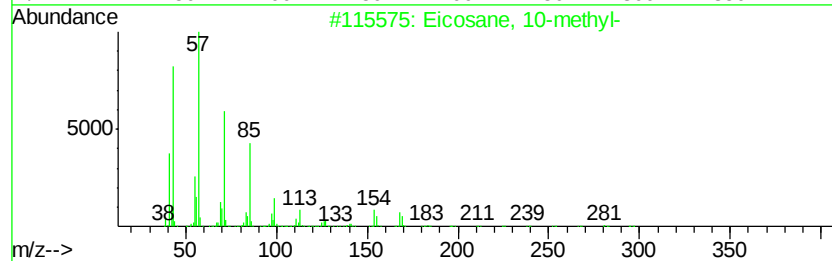
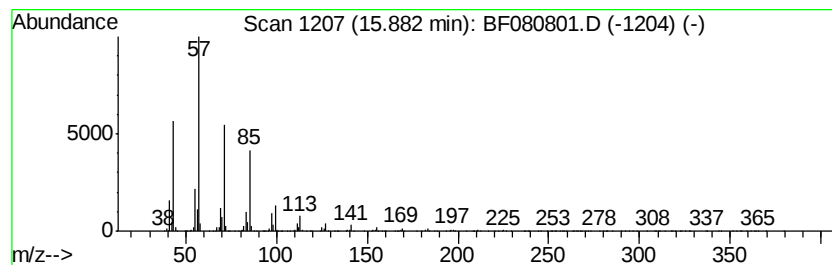
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane, 10-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	49.44 ng	2337460	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

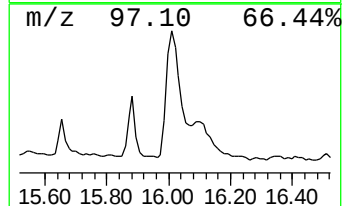
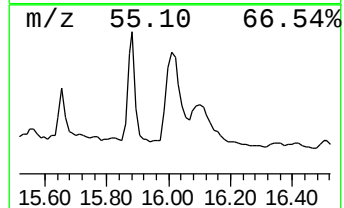
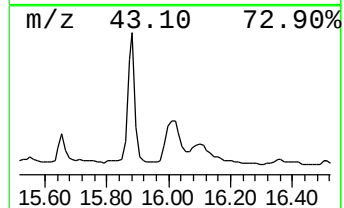
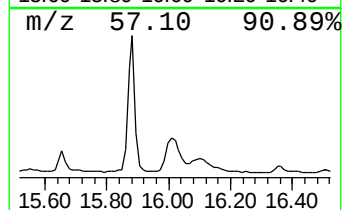
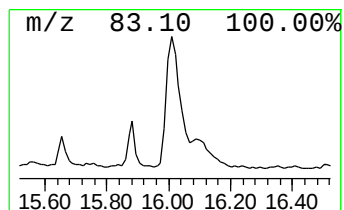
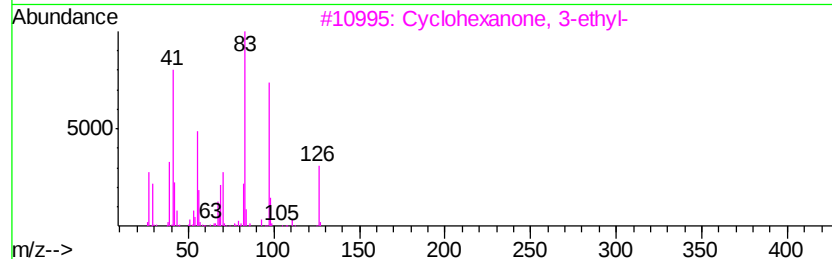
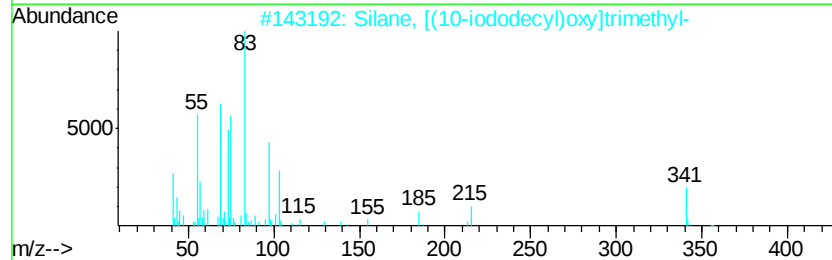
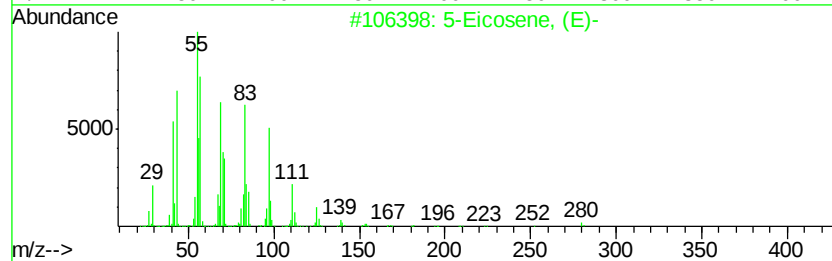
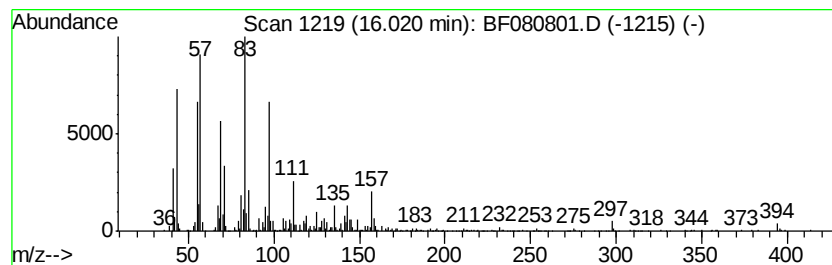
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown16.02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	55.59 ng	2628130	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	47
2		Silane, [(10-iododecyl)oxy]trime...	356	C13H29IOSi	026305-80-6	43
3		Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	43
4		3-Heptene, 2,2,3,5,5,6,6-heptame...	196	C14H28	054845-26-0	43
5		Cyclohexanol, 1-ethenyl-	126	C8H14O	001940-19-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WEST-ABUT-2(0-2)

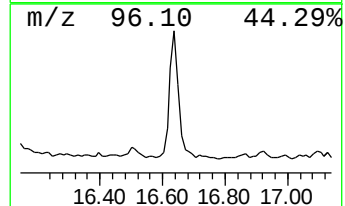
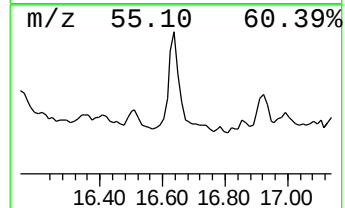
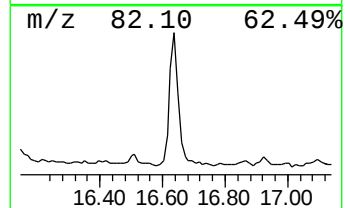
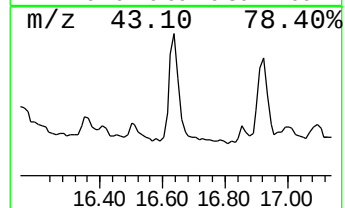
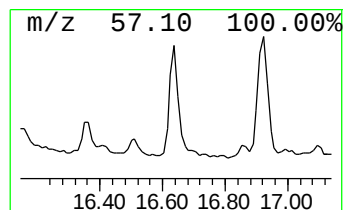
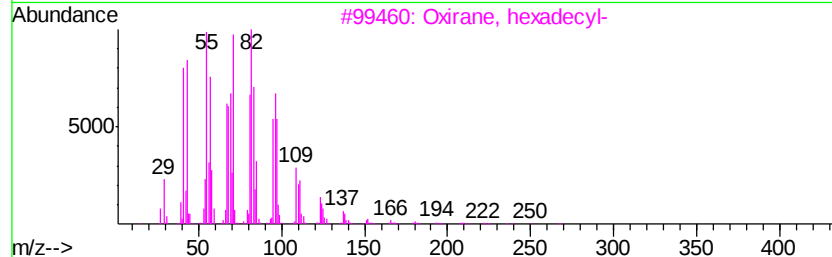
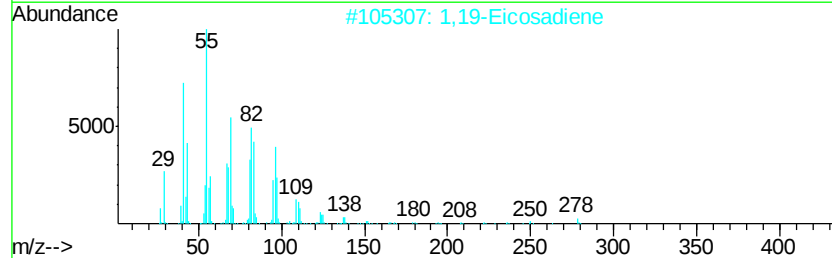
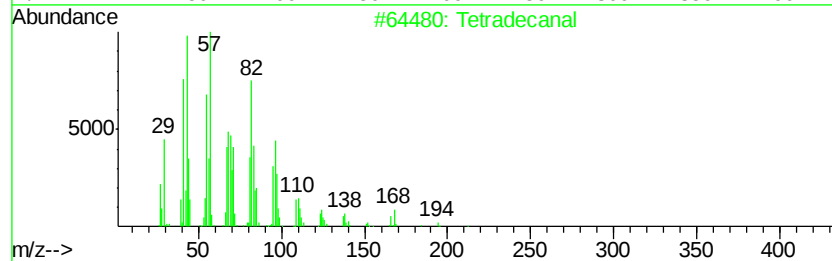
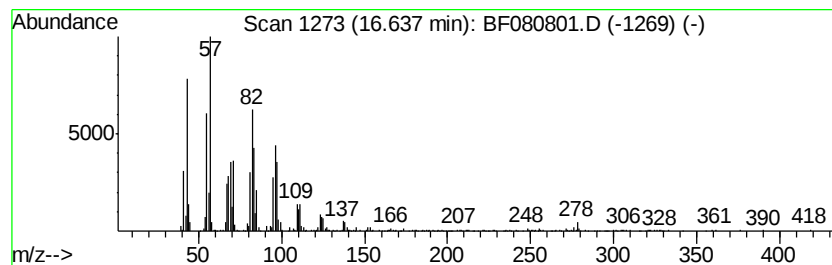
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	23.06 ng	1090190	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanal	212	C14H28O	000124-25-4	93
2		1,19-Eicosadiene	278	C20H38	014811-95-1	93
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
5		Octadecanal	268	C18H36O	000638-66-4	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
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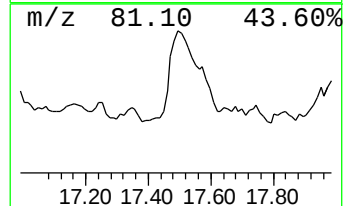
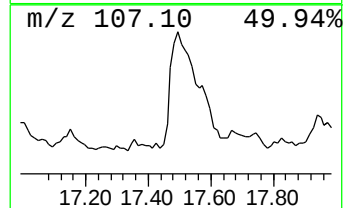
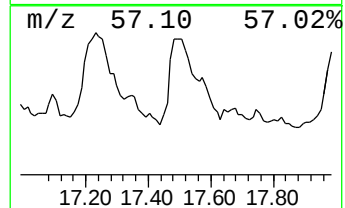
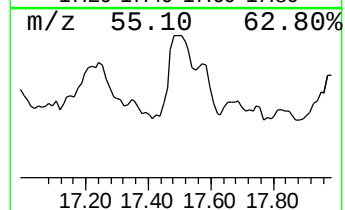
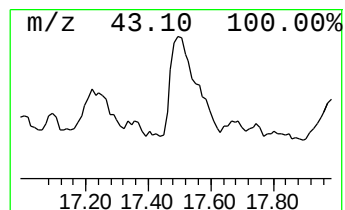
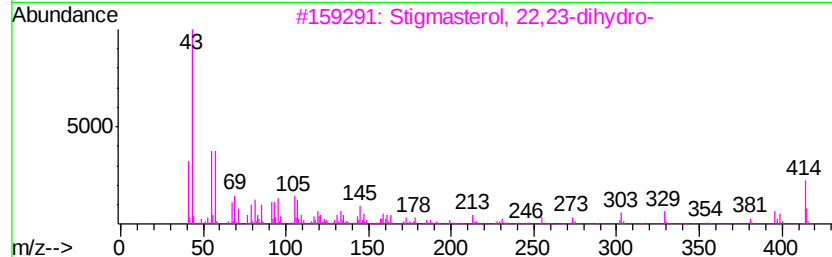
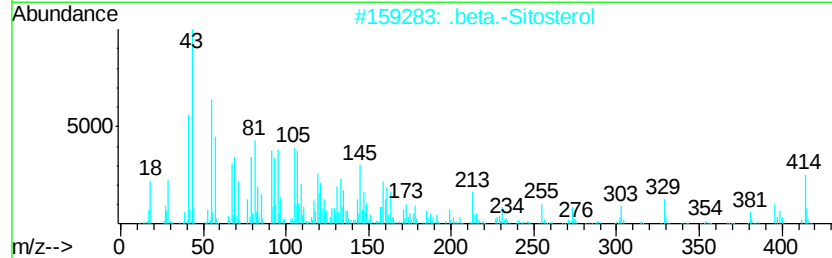
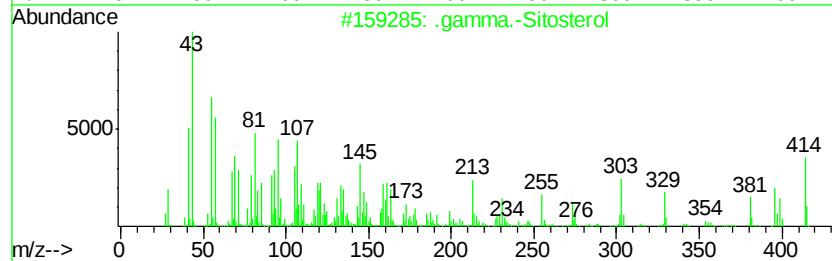
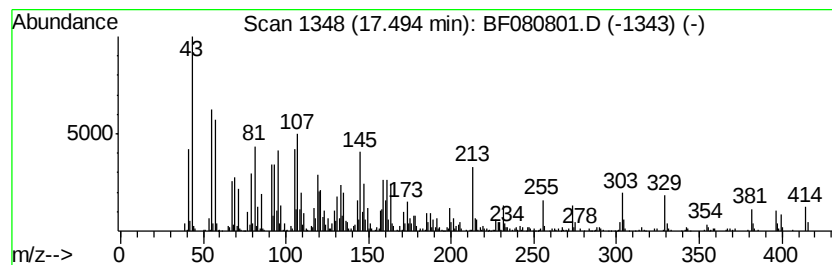
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.49	61.61 ng	2912870	Perylene-d12	15.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	96
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	52
5	Campesterol	400	C28H48O	000474-62-4	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

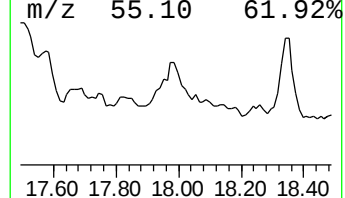
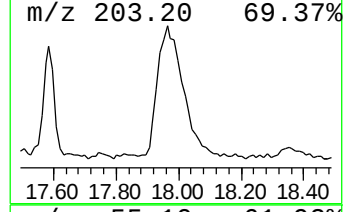
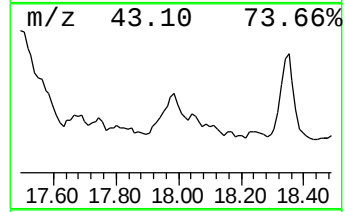
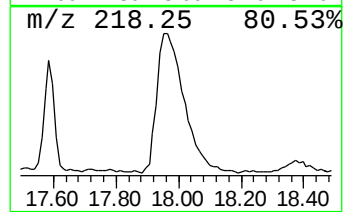
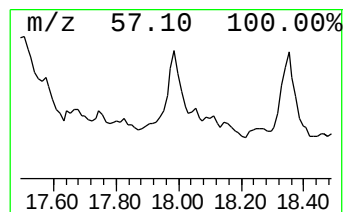
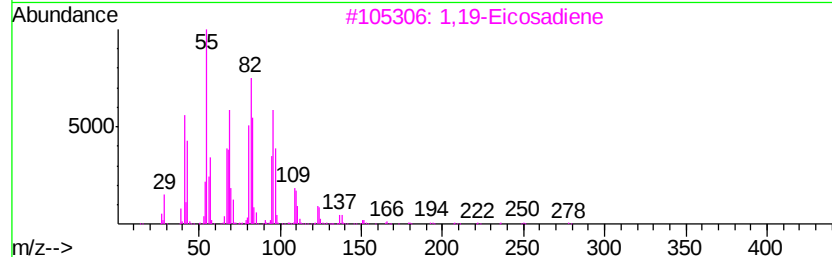
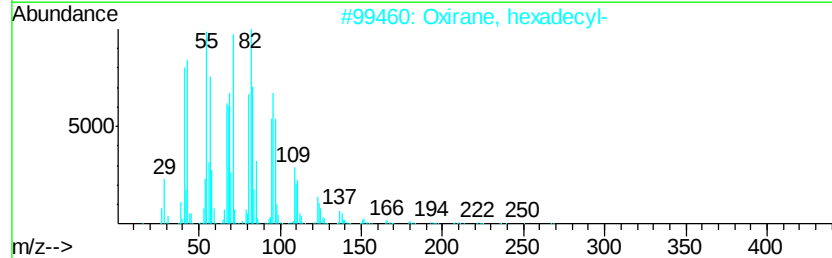
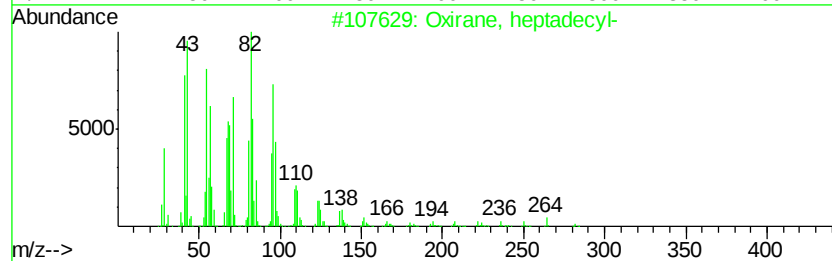
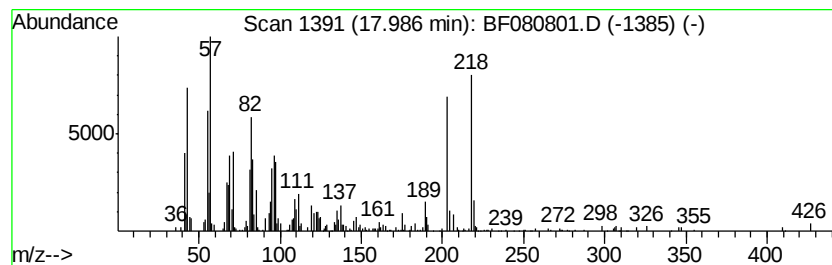
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.99 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	13.86 ng	655392	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	46
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	38
3		1,19-Eicosadiene	278	C20H38	014811-95-1	38
4		Pentadecanal-	226	C15H30O	002765-11-9	30
5		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

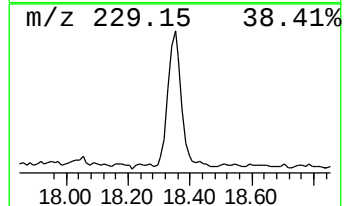
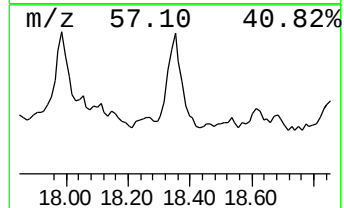
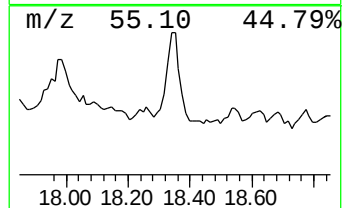
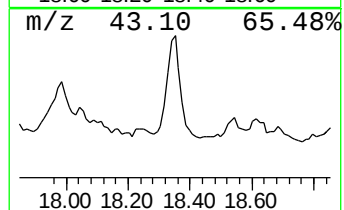
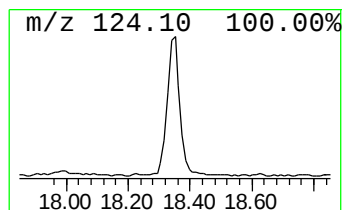
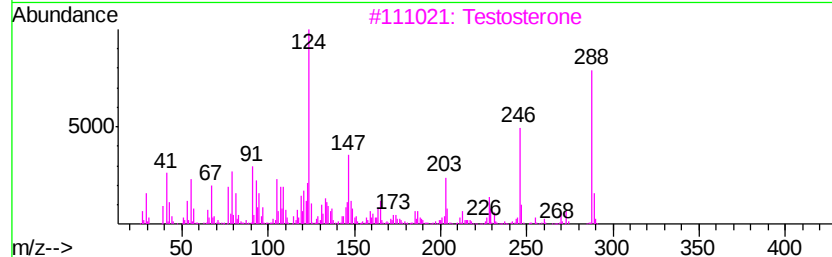
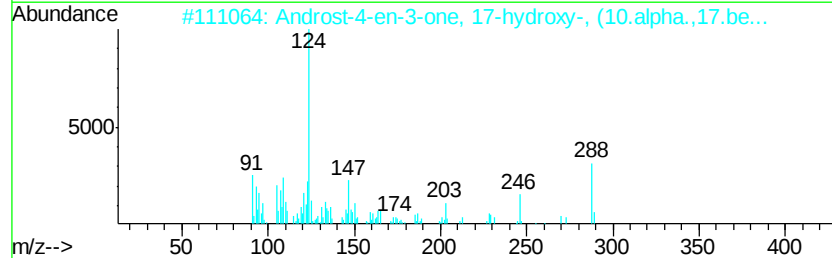
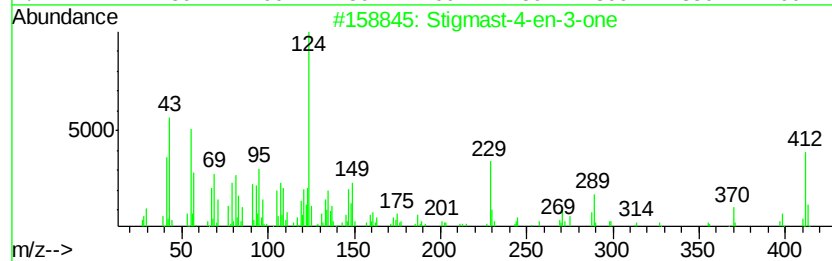
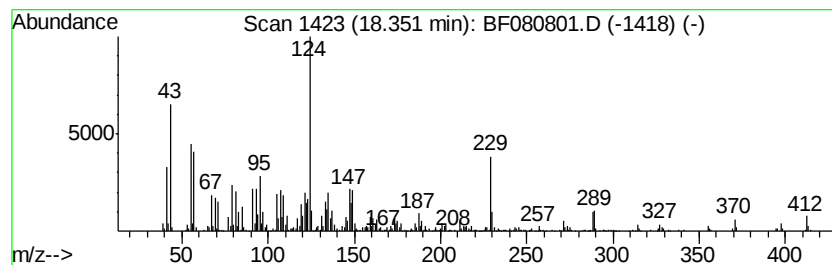
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Stigmast-4-en-3-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	31.74 ng	1500770	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	93
2		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	52
3		Testosterone	288	C19H28O2	000058-22-0	42
4		1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	25
5		2-Methylphenyl-1-thio-.beta.-d-g...	286	C13H18O5S	1000129-72-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

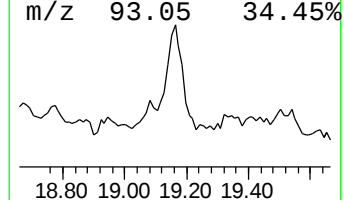
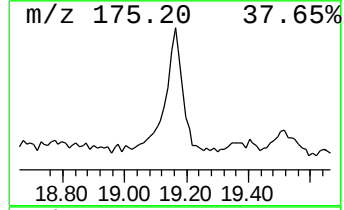
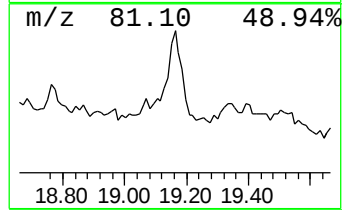
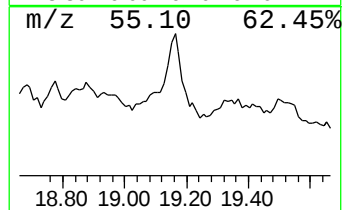
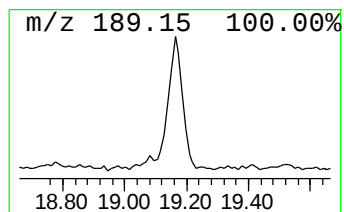
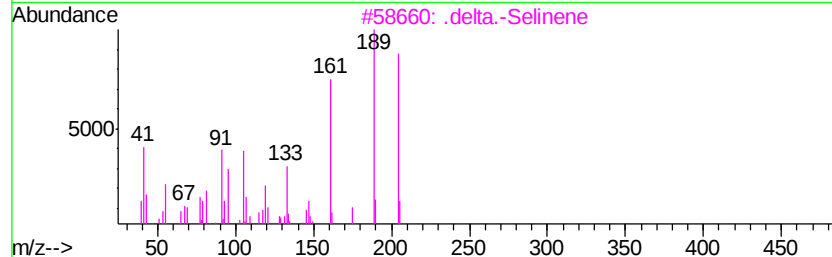
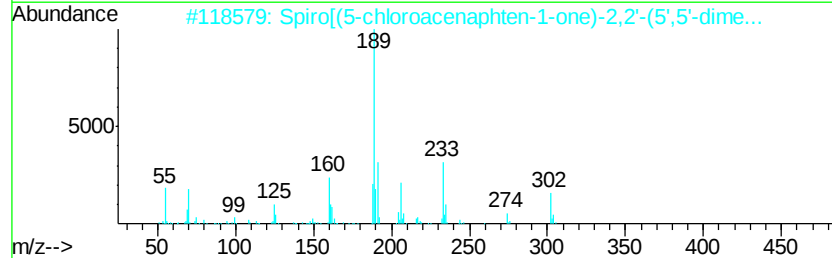
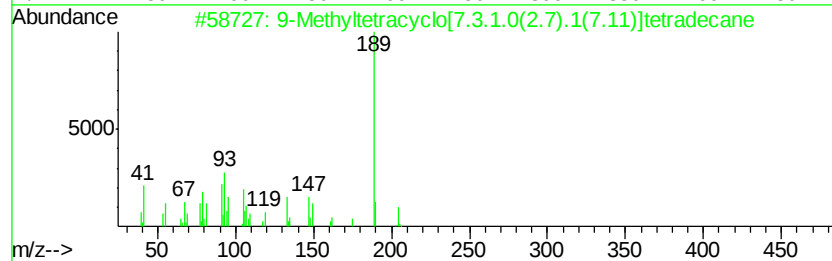
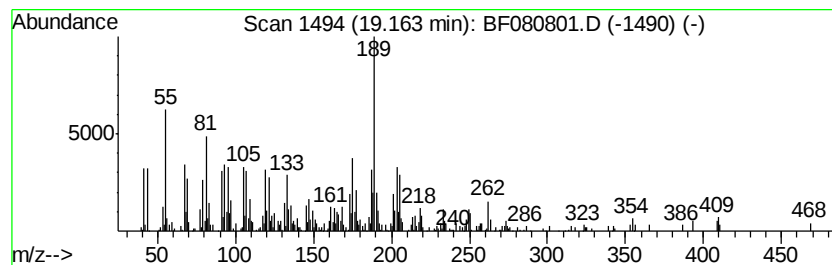
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown19.16 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	25.51 ng	1205980	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Methyltetracyclo[7.3.1.0(2.7)....	204	C15H24	1000215-30-5	46
2		Spiro[(5-chloroacenaphten-1-one)...	302	C17H15ClO3	215930-94-2	43
3		.delta.-Selinene	204	C15H24	028624-23-9	38
4		Naphthalene, 2,3,4,4a,5,6-hexahy...	204	C15H24	000473-14-3	38
5		Urs-20-en-3-ol, (3.beta.,18.alph...	426	C30H50O	000464-98-2	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

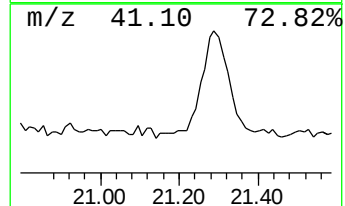
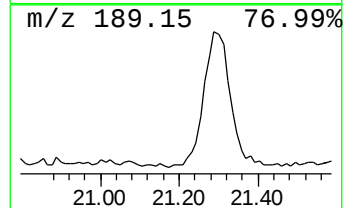
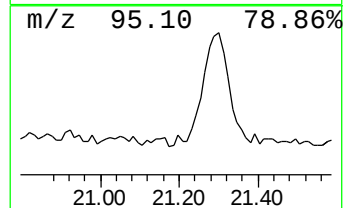
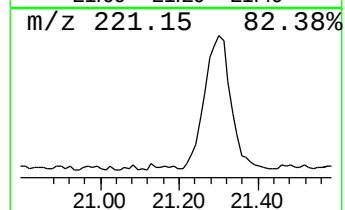
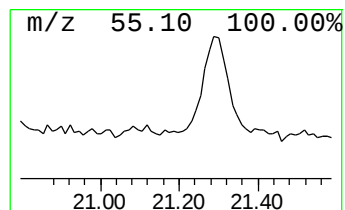
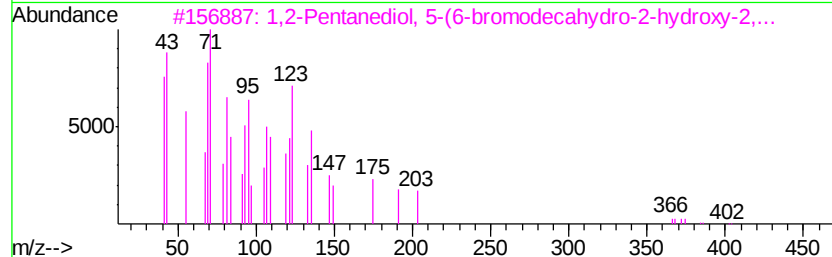
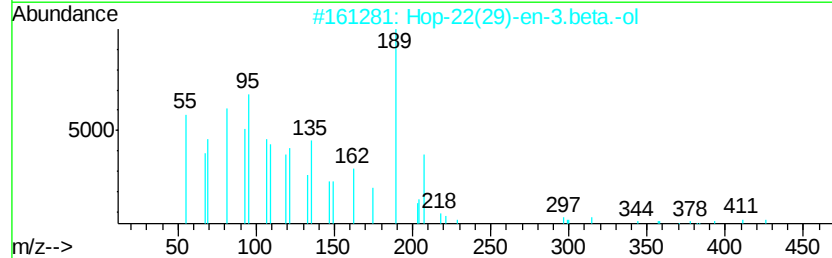
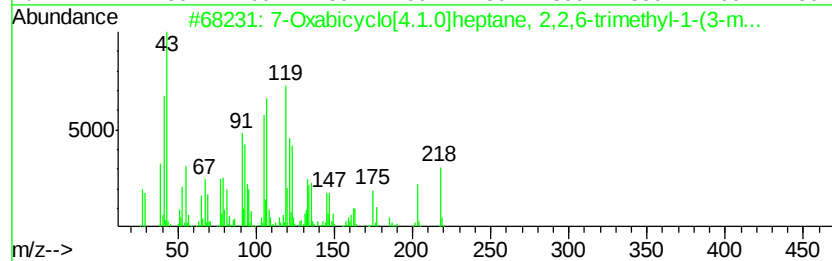
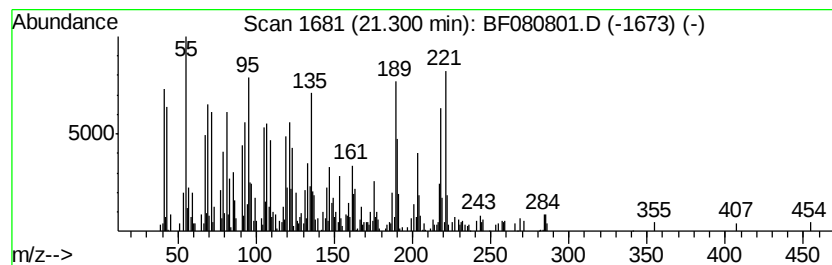
Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown21.30 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	28.59 ng	1351700	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	7-Oxabicyclo[4.1.0]heptane, 2,2,...	218 C15H22O	070038-20-9	35
2	Hop-22(29)-en-3.beta.-ol	426 C30H50O	058801-23-3	35
3	1,2-Pentanediol, 5-(6-bromodecah...	402 C20H35BrO3	115346-29-7	27
4	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218 C15H22O	1000188-66-5	25
5	(E)-2-Hydroxy-4'-cyano-stilbene	221 C15H11NO	1000147-85-5	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080801.D
 Acq On : 2 Aug 2015 1:42
 Operator : TP/UM
 Sample : G3125-01
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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...	5.05	49.5	ng	3173550	1	6.85	1282970	20.0
unknown6.62	6.62	61.9	ng	3972740	1	6.85	1282970	20.0
n-Hexadecanoic acid	11.90	20.1	ng	1120070	4	11.37	1113110	20.0
5.beta.,8.beta.H,...	12.26	16.7	ng	928858	4	11.37	1113110	20.0
2-Pentenoic acid,...	13.48	13.4	ng	1070500	5	14.00	1593640	20.0
Cinnamyl cinnamate	13.72	13.9	ng	1108870	5	14.00	1593640	20.0
Butanoic acid, 2-...	13.81	20.0	ng	1590700	5	14.00	1593640	20.0
1-Docosene	14.60	17.3	ng	1375300	5	14.00	1593640	20.0
Eicosane	15.11	42.1	ng	1988730	6	15.43	945558	20.0
Cyclotetracosane	15.25	28.0	ng	1323790	6	15.43	945558	20.0
1,19-Eicosadiene	15.65	16.2	ng	765946	6	15.43	945558	20.0
Eicosane, 10-methyl-	15.88	49.4	ng	2337460	6	15.43	945558	20.0
unknown16.02	16.02	55.6	ng	2628130	6	15.43	945558	20.0
Tetradecanal	16.64	23.1	ng	1090190	6	15.43	945558	20.0
.gamma.-Sitosterol	17.49	61.6	ng	2912870	6	15.43	945558	20.0
unknown17.99	17.99	13.9	ng	655392	6	15.43	945558	20.0
Stigmast-4-en-3-one	18.35	31.7	ng	1500770	6	15.43	945558	20.0
unknown19.16	19.16	25.5	ng	1205980	6	15.43	945558	20.0
unknown21.30	21.30	28.6	ng	1351700	6	15.43	945558	20.0