

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082502.D
 Acq On : 24 Oct 2015 9:38
 Operator : UM/IZ
 Sample : G4116-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT-03(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-BF101015.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	4.914	240	243	252	rBV	727446	1301579	60.27%	5.634%
2	5.360	280	282	295	rBV	1619992	1948345	90.21%	8.433%
3	5.749	314	316	319	rVB	29591	28202	1.31%	0.122%
4	6.412	372	374	382	rBV	1666838	1873885	86.76%	8.111%
5	6.526	382	384	387	rBV	2015209	1945857	90.10%	8.422%
6	6.754	401	404	406	rBV	685565	608806	28.19%	2.635%
7	6.914	415	418	420	rBV	1218252	1675250	77.57%	7.251%
8	7.326	451	454	457	rBV	1183616	1193770	55.27%	5.167%
9	8.046	514	517	519	rBV	754539	766727	35.50%	3.319%
10	9.120	609	611	614	rBV	1977172	2159746	100.00%	9.348%
11	9.520	644	646	649	rBV	474809	408270	18.90%	1.767%
12	9.795	668	670	673	rBV	639441	836482	38.73%	3.620%
13	10.229	707	708	710	rVB	38383	27194	1.26%	0.118%
14	10.595	737	740	742	rBV	1236575	1207013	55.89%	5.224%
15	10.698	748	749	754	rVB	34849	65404	3.03%	0.283%
16	10.778	754	756	757	rBV	27192	33003	1.53%	0.143%
17	10.812	757	759	760	rVV2	32119	50229	2.33%	0.217%
18	10.846	760	762	765	rVV2	25504	49185	2.28%	0.213%
19	10.903	765	767	768	rVV2	13535	22392	1.04%	0.097%
20	10.949	770	771	773	rVV	25446	38307	1.77%	0.166%
21	10.995	773	775	776	rVV	30300	37447	1.73%	0.162%
22	11.029	776	778	781	rVB2	18858	25755	1.19%	0.111%
23	11.155	787	789	790	rBV	107406	99660	4.61%	0.431%
24	11.292	798	801	802	rBV	574557	763889	35.37%	3.306%
25	11.315	802	803	804	rVV	66667	53718	2.49%	0.233%
26	11.338	804	805	809	rVB2	19704	35483	1.64%	0.154%
27	11.578	825	826	833	rVB2	29890	33352	1.54%	0.144%
28	11.692	833	836	838	rVB	39463	37456	1.73%	0.162%
29	11.784	842	844	846	rVV	40110	47368	2.19%	0.205%
30	11.818	846	847	849	rVV2	110444	127462	5.90%	0.552%
31	11.898	853	854	858	rVB	19218	26898	1.25%	0.116%
32	12.504	904	907	909	rBV	110466	124595	5.77%	0.539%
33	12.698	921	924	925	rBV	89632	89948	4.16%	0.389%
34	12.732	925	927	929	rVV	97408	108414	5.02%	0.469%

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35	12.778	929	931	933	rVB	39082	50780	2.35%	0.220%
36	12.881	937	940	942	rBV	1457389	1568037	72.60%	6.787%
37	13.064	952	956	958	rBV2	12955	29476	1.36%	0.128%
38	13.109	958	960	963	rBV3	20263	41973	1.94%	0.182%
39	13.407	984	986	988	rBV	42911	49177	2.28%	0.213%
40	13.452	988	990	992	rBV	17106	25288	1.17%	0.109%
41	13.578	1000	1001	1006	rVB3	21197	34318	1.59%	0.149%
42	13.818	1019	1022	1030	rBV4	58781	180403	8.35%	0.781%
43	13.955	1030	1034	1036	rBV	539753	756690	35.04%	3.275%
44	14.138	1047	1050	1051	rBV2	26223	35611	1.65%	0.154%
45	14.469	1076	1079	1081	rBV3	43353	55924	2.59%	0.242%
46	14.515	1081	1083	1086	rBV2	42299	93486	4.33%	0.405%
47	14.801	1105	1108	1110	rBV	27142	42749	1.98%	0.185%
48	14.870	1112	1114	1116	rVV	20850	27931	1.29%	0.121%
49	14.950	1118	1121	1124	rVV3	41312	62127	2.88%	0.269%
50	15.052	1127	1130	1135	rVV	79372	181156	8.39%	0.784%
51	15.132	1135	1137	1138	rVV	84234	118666	5.49%	0.514%
52	15.190	1140	1142	1146	rVV2	44398	103162	4.78%	0.447%
53	15.338	1153	1155	1157	rBV	45725	49438	2.29%	0.214%
54	15.395	1158	1160	1163	rVV	42491	69077	3.20%	0.299%
55	15.464	1163	1166	1173	rVB	436367	675648	31.28%	2.924%
56	15.681	1183	1185	1187	rVB	30652	40369	1.87%	0.175%
57	15.898	1201	1204	1207	rBV	108698	179699	8.32%	0.778%
58	16.641	1266	1269	1272	rBV2	42468	84260	3.90%	0.365%
59	16.870	1285	1289	1291	rBV	41492	125693	5.82%	0.544%
60	16.961	1295	1297	1300	rVB	84087	148751	6.89%	0.644%
61	17.407	1332	1336	1342	rVB6	46838	170595	7.90%	0.738%
62	17.956	1382	1384	1387	rBV3	20005	35910	1.66%	0.155%
63	18.310	1411	1415	1423	rVB3	73855	216720	10.03%	0.938%

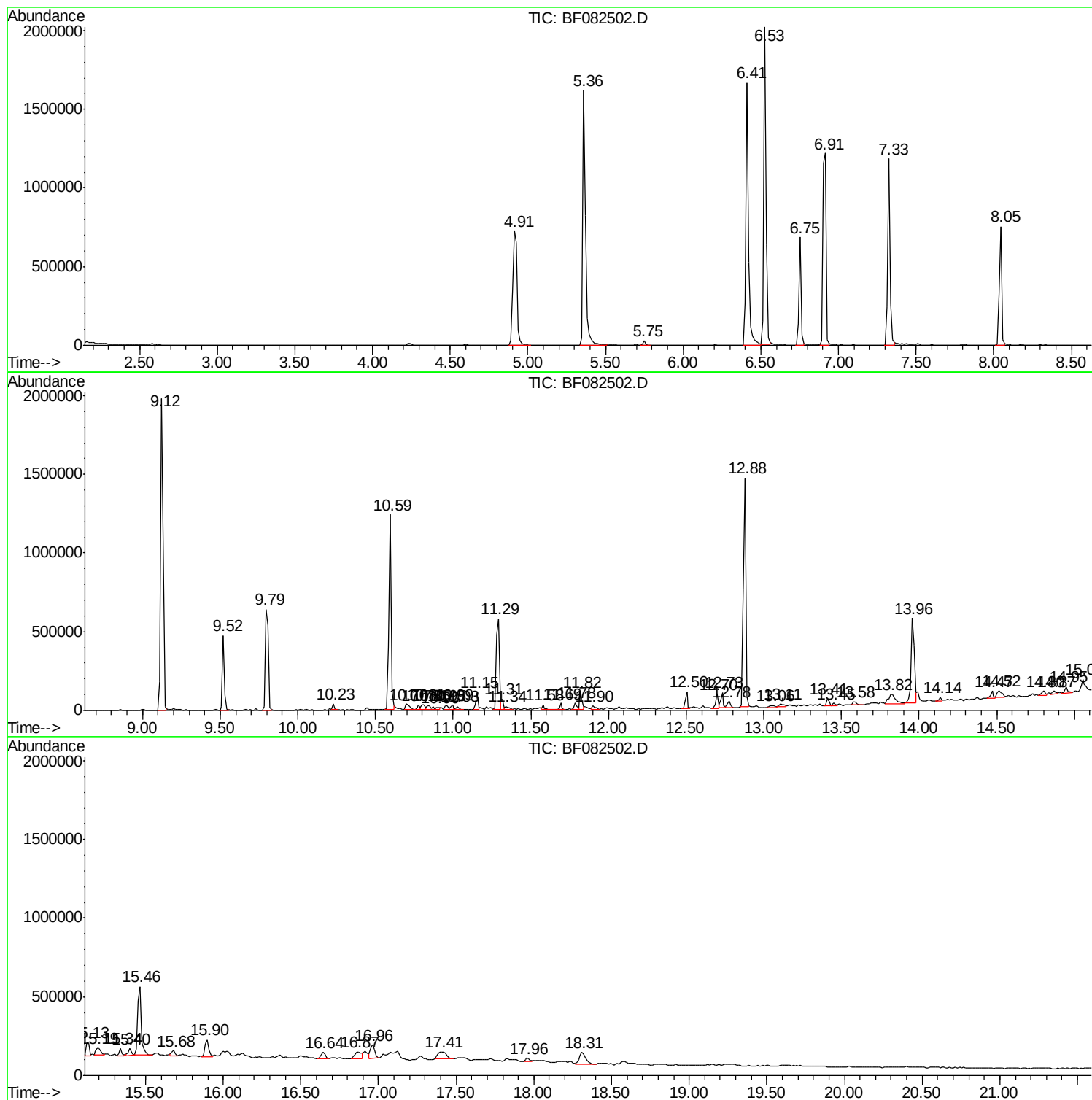
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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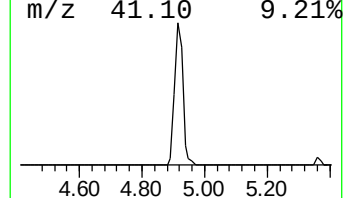
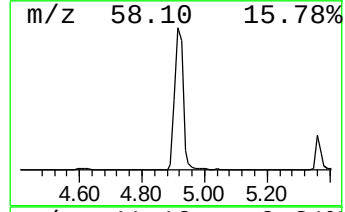
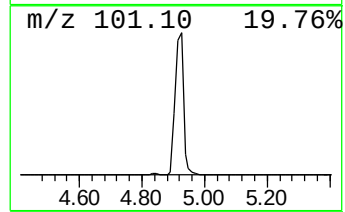
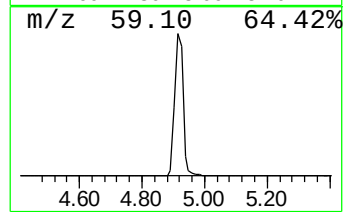
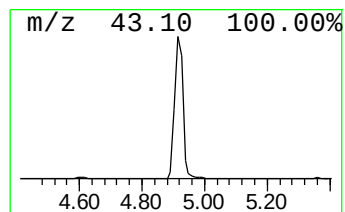
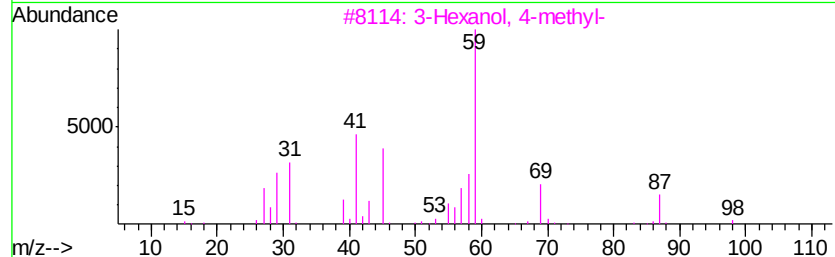
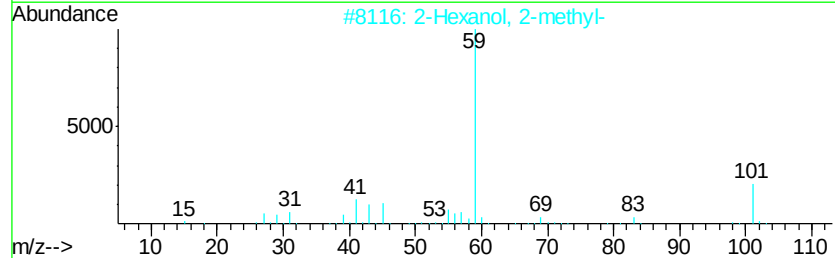
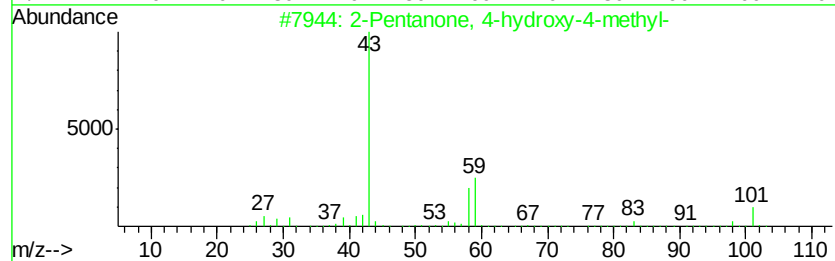
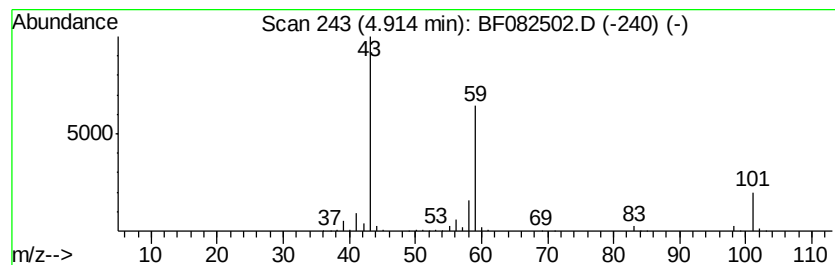
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	42.76 ng	1301580	1,4-Dichlorobenzene-d4	6.75

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		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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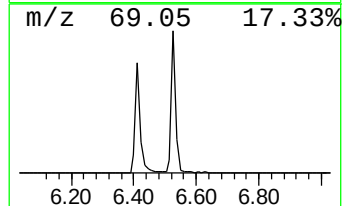
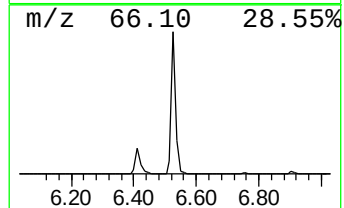
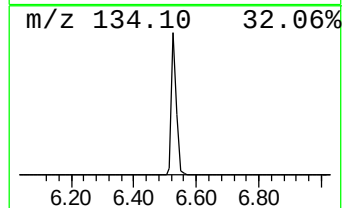
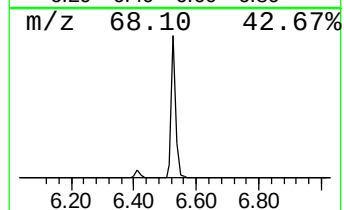
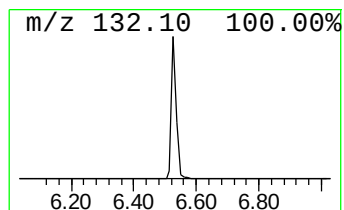
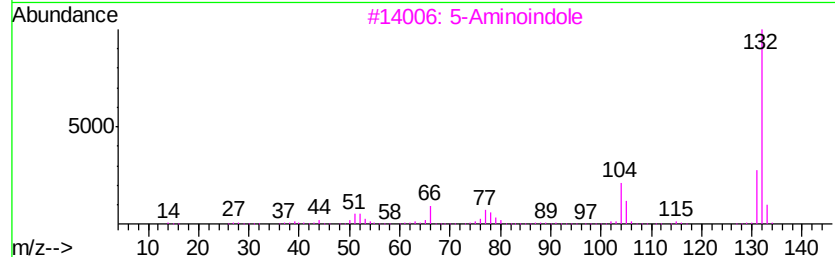
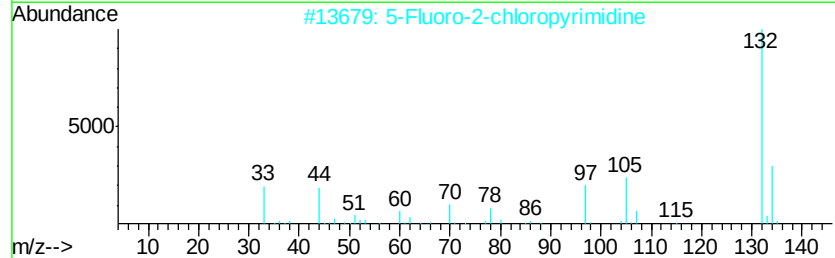
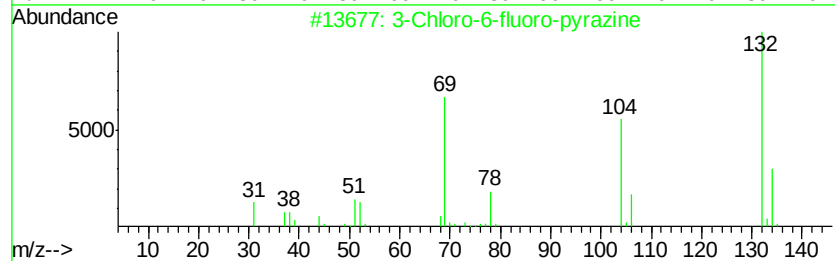
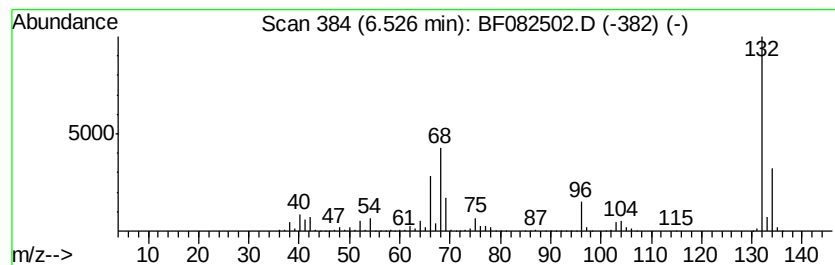
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	63.92 ng	1945860	1,4-Dichlorobenzene-d4	6.75

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		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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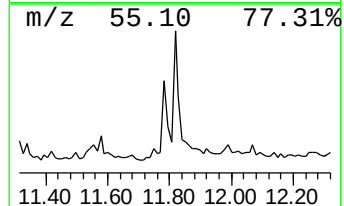
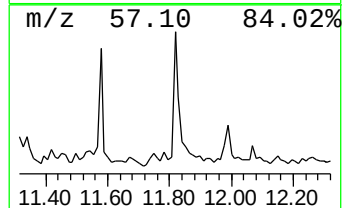
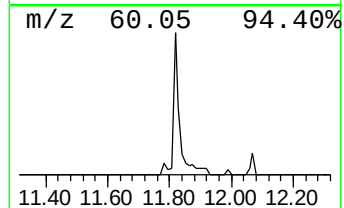
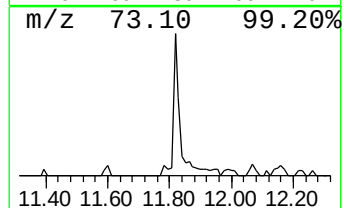
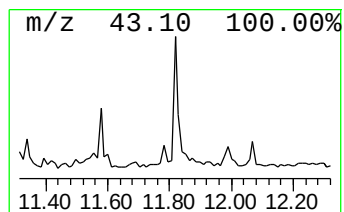
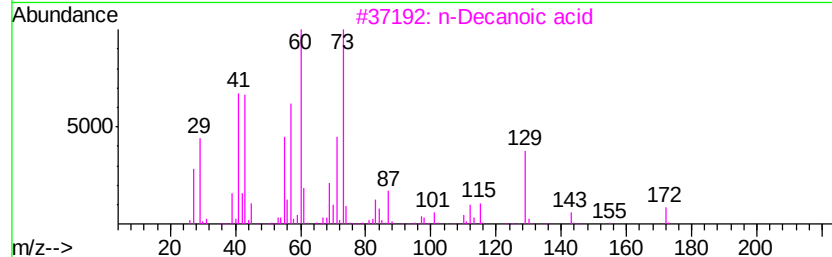
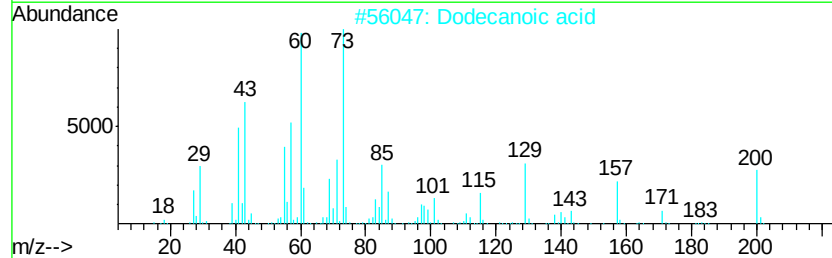
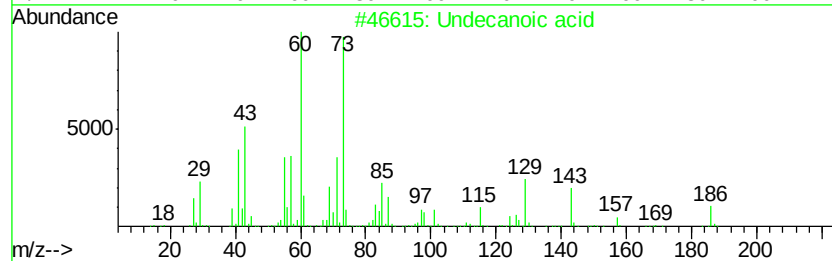
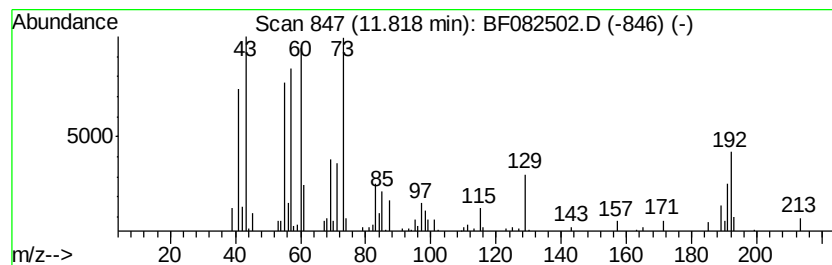
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 unknown11.82 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.34 ng	127462	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	49
2	Dodecanoic acid	200	C12H24O2	000143-07-7	47
3	n-Decanoic acid	172	C10H20O2	000334-48-5	43
4	1-(p-Toluidino)-1-deoxy-.beta.-d...	269	C13H19NO5	1000226-06-4	38
5	Nonanoic acid	158	C9H18O2	000112-05-0	35



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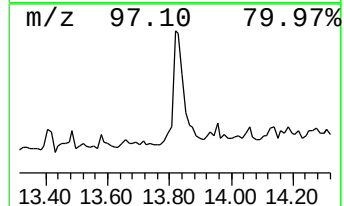
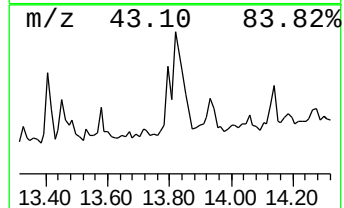
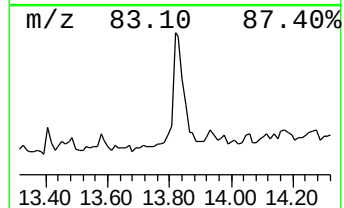
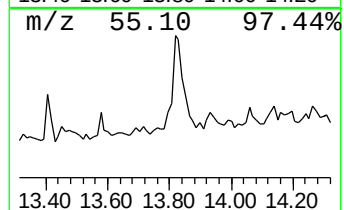
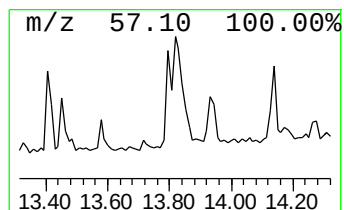
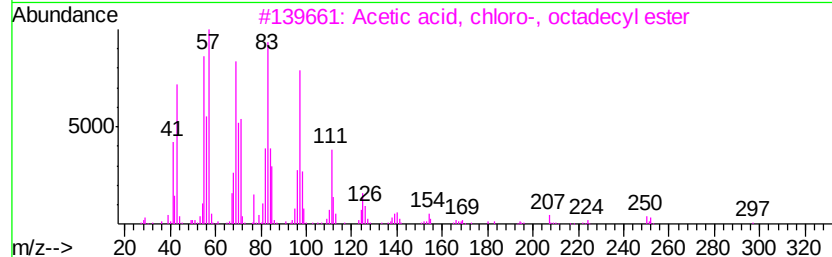
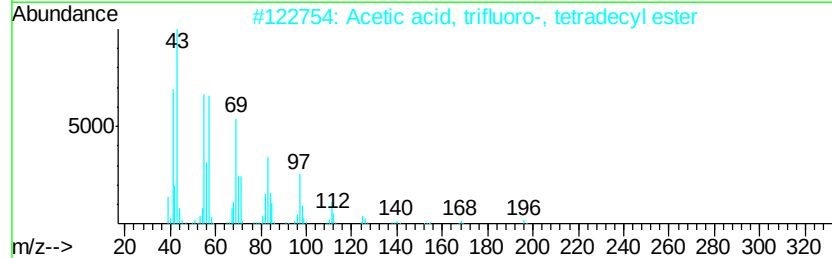
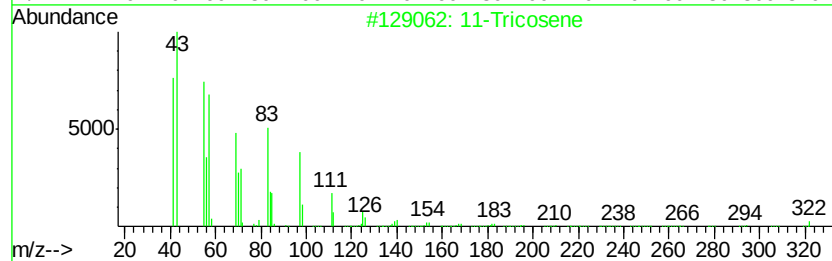
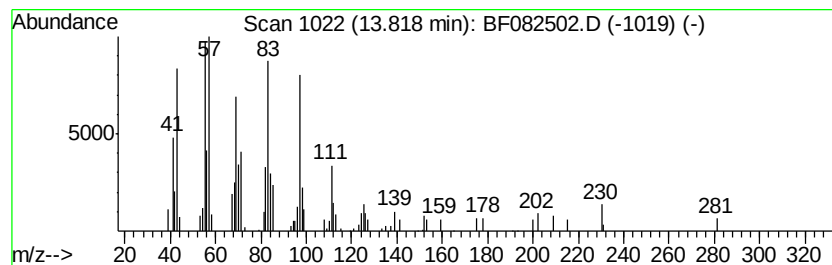
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 11-Tricosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.82	4.77 ng	180403	Chrysene-d12	13.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	91
2	Acetic acid, trifluoro-, tetradecyl ...	310	C16H29F3O2	006222-02-2	91
3	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
5	Trichloroacetic acid, tetradecyl ...	358	C16H29Cl3O2	074339-52-9	81



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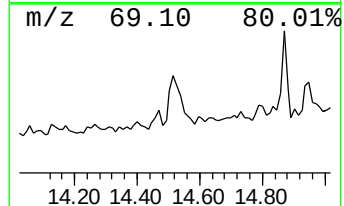
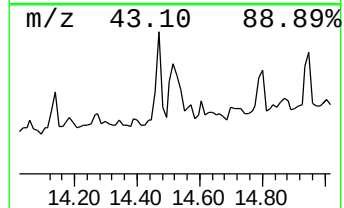
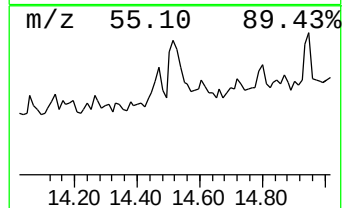
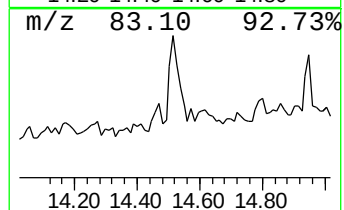
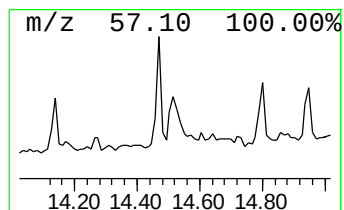
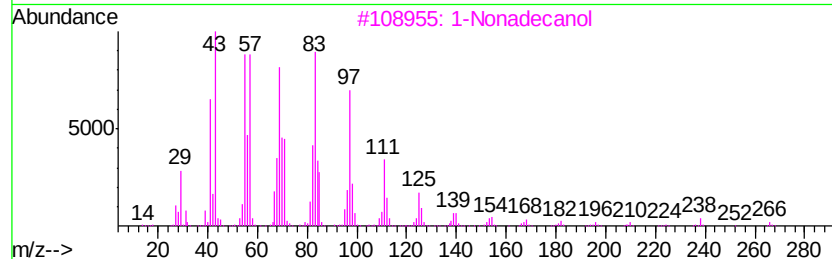
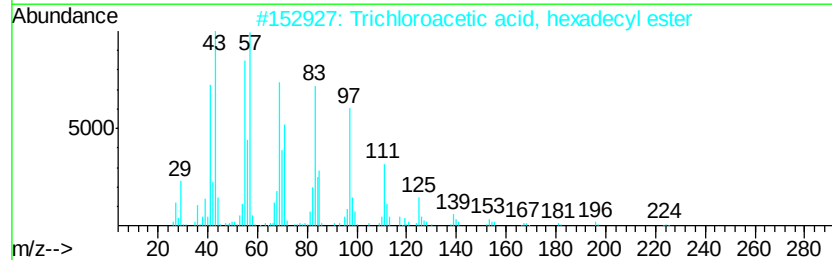
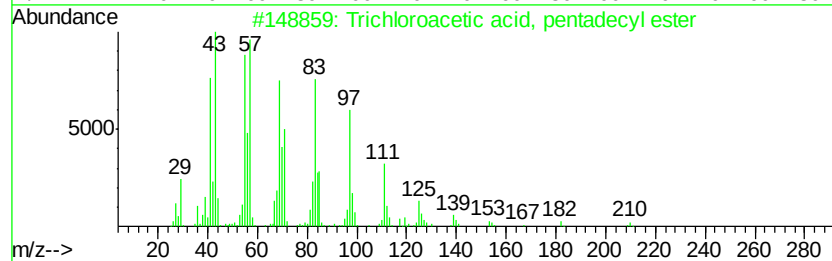
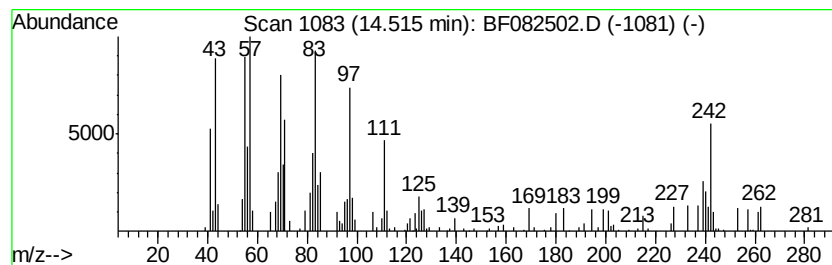
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Trichloroacetic acid, penta... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.47 ng	93486	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	64
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64
3		1-Nonadecanol	284	C19H40O	001454-84-8	64
4		1-Octadecanol	270	C18H38O	000112-92-5	64
5		17-Pentatriacontene	491	C35H70	006971-40-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082502.D
Acq On : 24 Oct 2015 9:38
Operator : UM/IZ
Sample : G4116-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId :
BT-03(0-2)

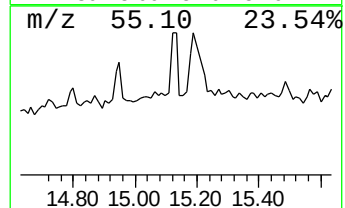
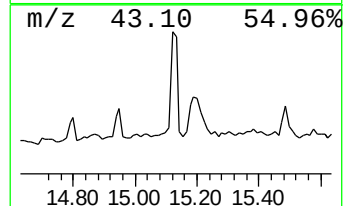
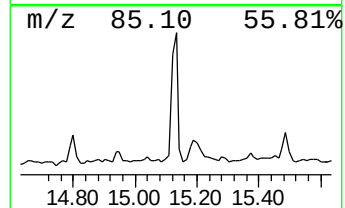
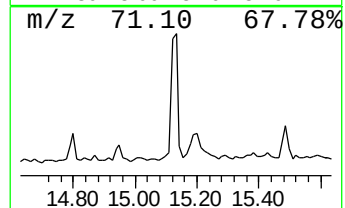
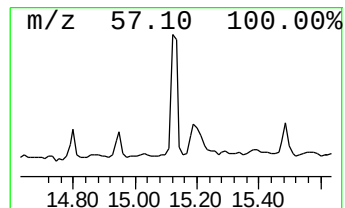
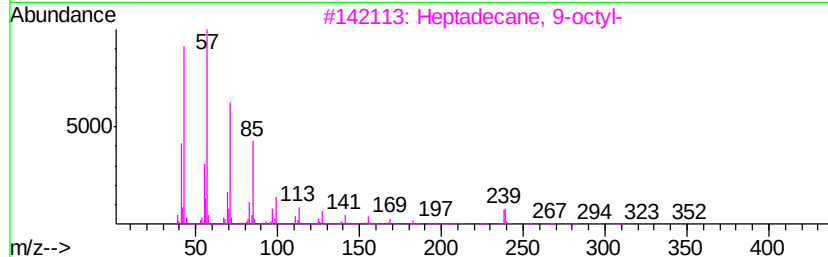
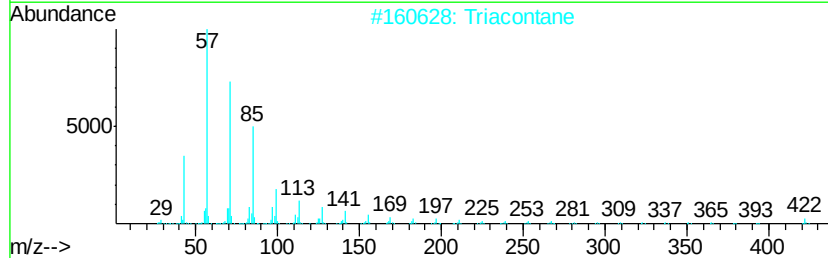
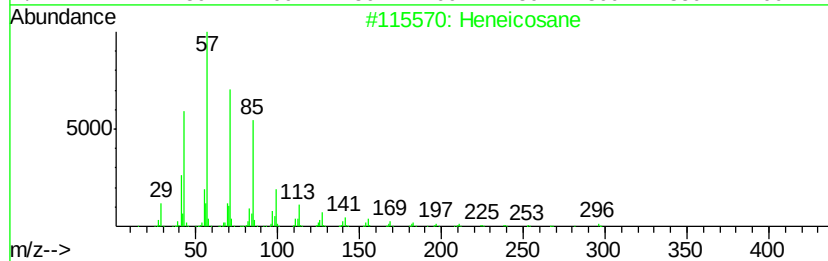
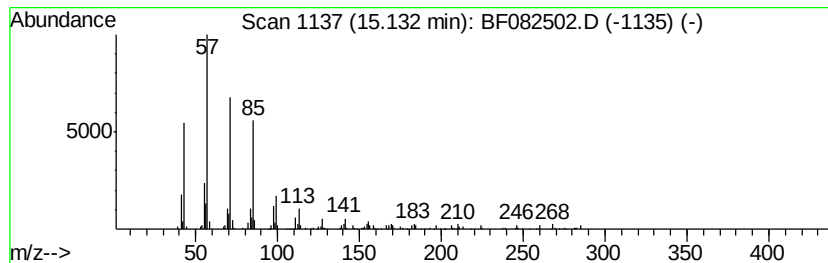
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.51 ng	118666	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Triacontane		422	C30H62	000638-68-6	86
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	86
4	Docosane		310	C22H46	000629-97-0	86
5	Octacosane		394	C28H58	000630-02-4	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
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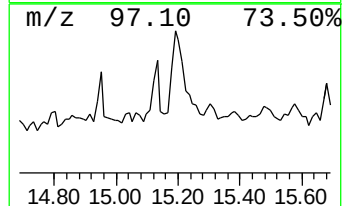
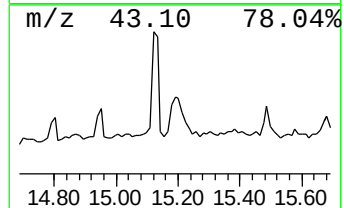
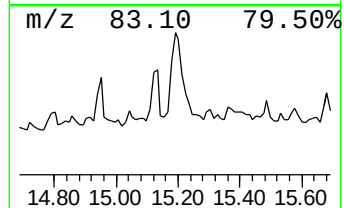
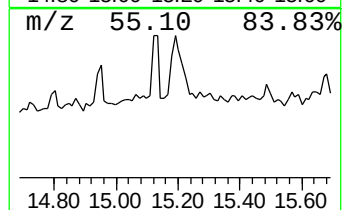
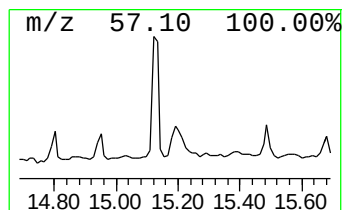
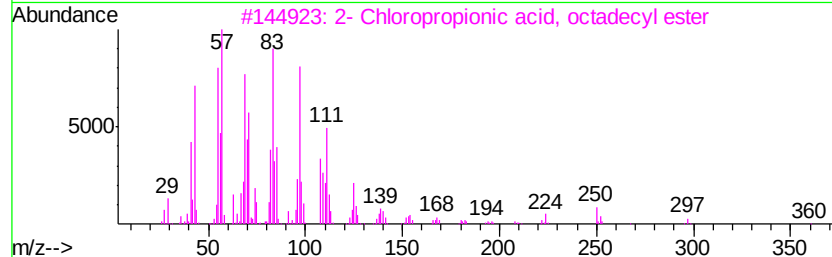
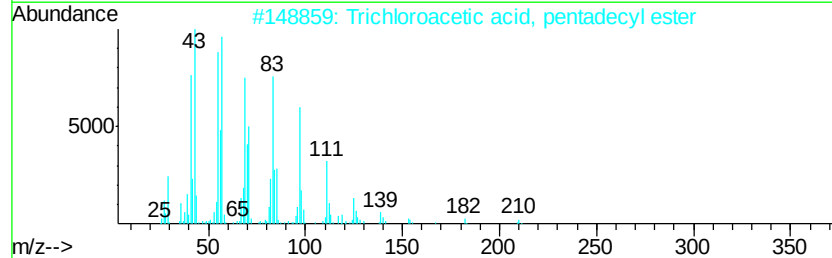
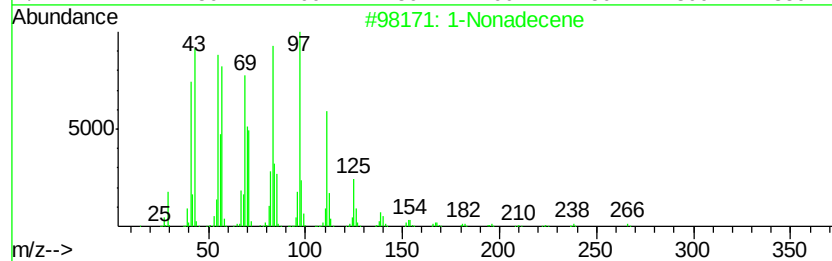
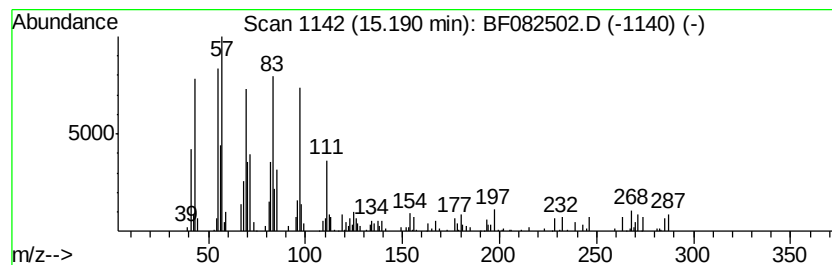
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Nonadecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.05 ng	103162	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene		266	C19H38	018435-45-5	90
2	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	87
3	2- Chloropropionic acid, octadec...		360	C21H41ClO2	088104-31-8	83
4	1-Heptadecanol		256	C17H36O	001454-85-9	76
5	9-Eicosene, (E)-		280	C20H40	074685-29-3	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082502.D
Acq On : 24 Oct 2015 9:38
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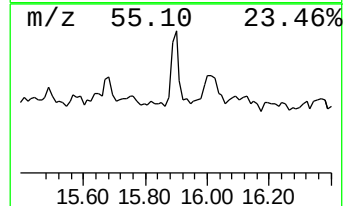
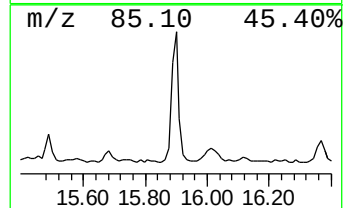
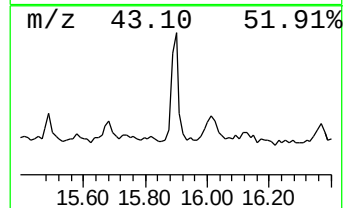
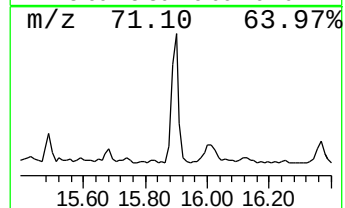
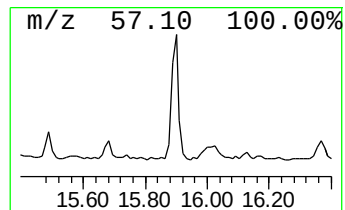
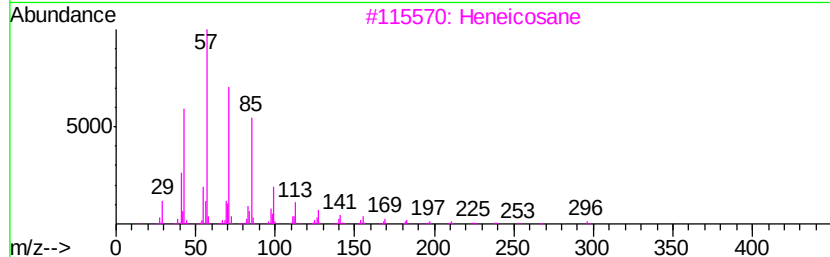
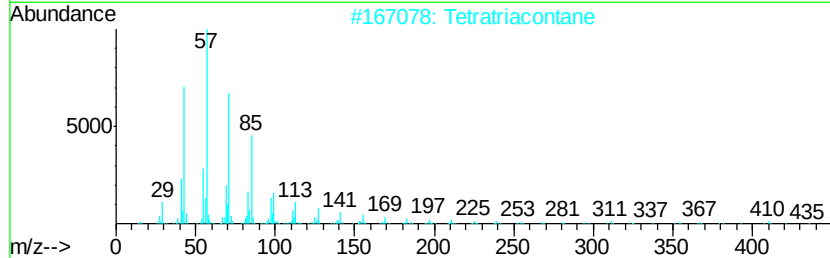
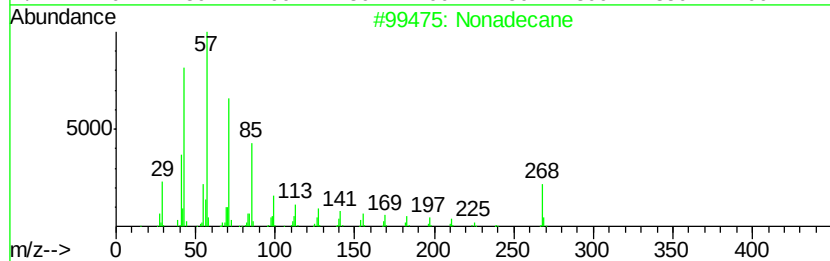
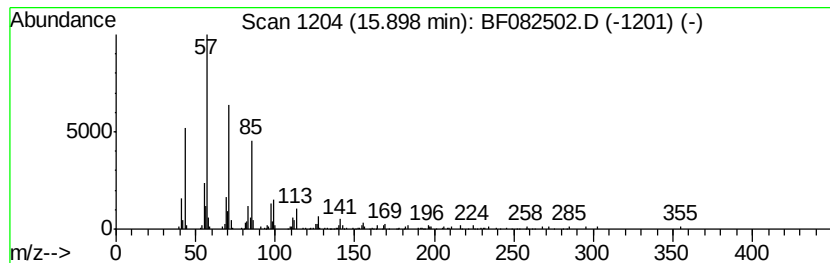
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	5.32 ng	179699	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
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Acq On : 24 Oct 2015 9:38
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Misc :
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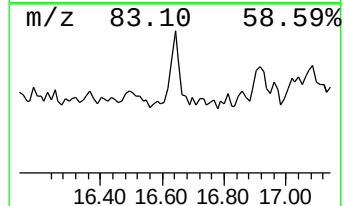
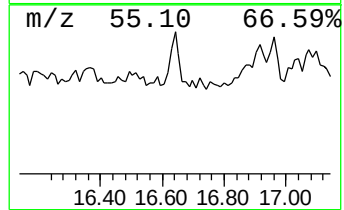
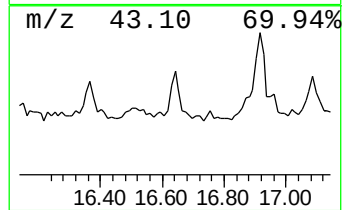
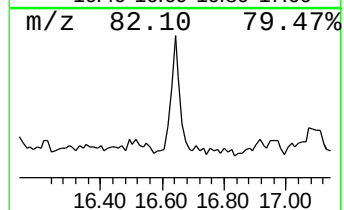
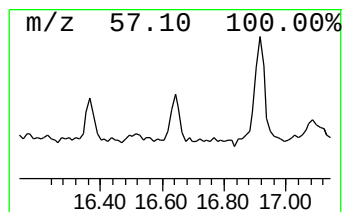
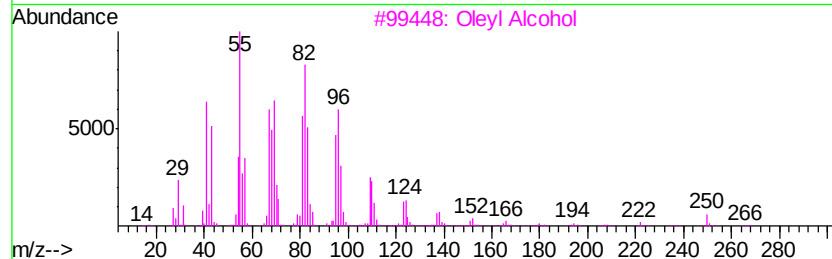
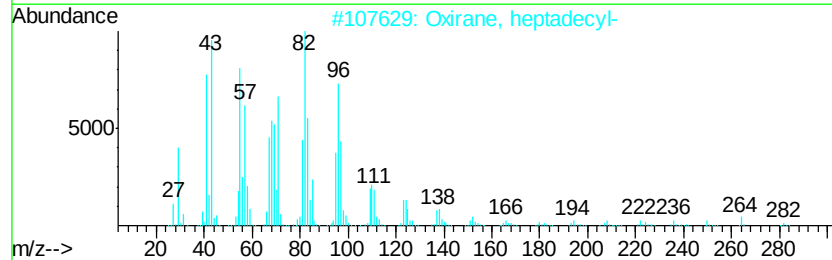
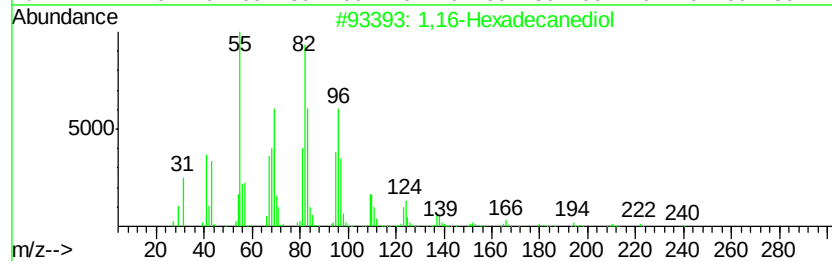
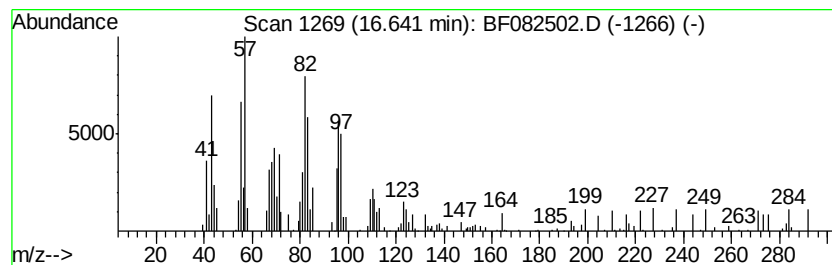
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1,16-Hexadecanediol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	2.49 ng	84260	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	58
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	53
3		Oleyl Alcohol	268	C18H36O	000143-28-2	52
4		Octadecanal	268	C18H36O	000638-66-4	52
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
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Acq On : 24 Oct 2015 9:38
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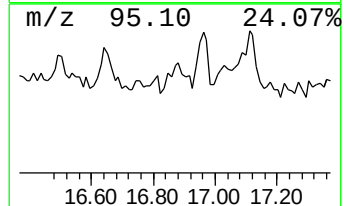
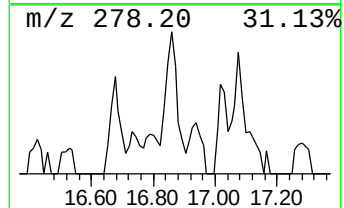
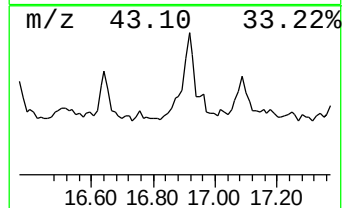
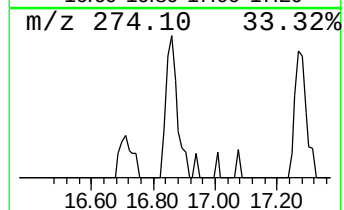
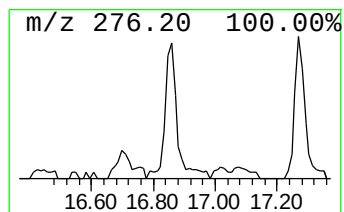
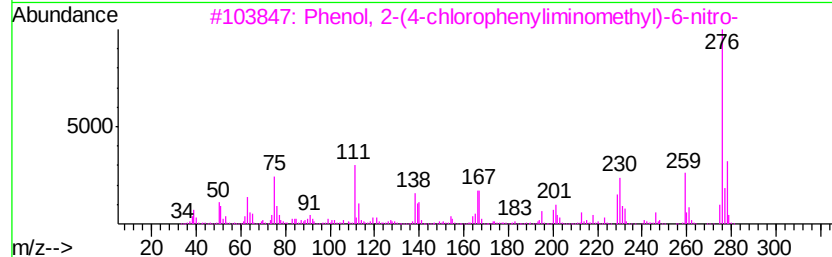
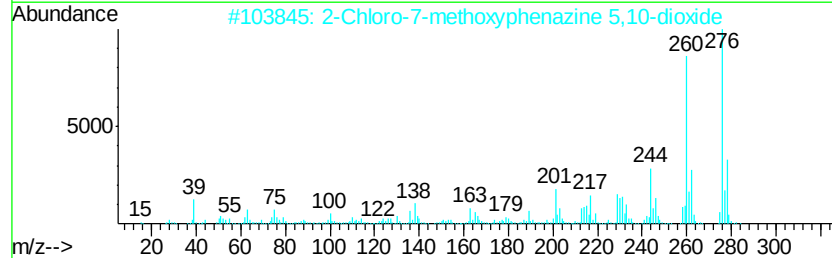
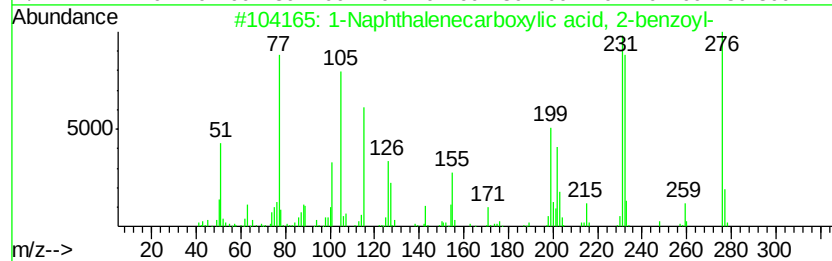
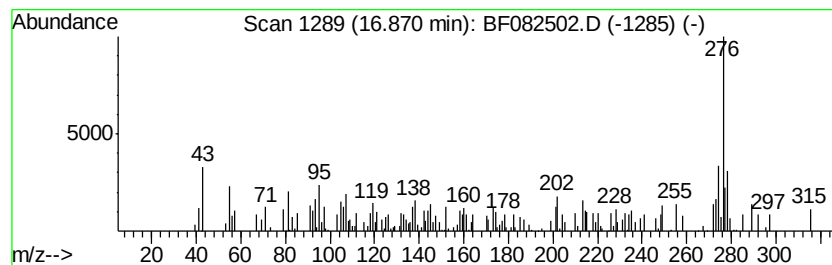
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Naphthalenecarboxylic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	3.72 ng	125693	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	90
2		2-Chloro-7-methoxyphenazine 5,10...	276	C13H9ClN2O3	023677-04-5	49
3		Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	49
4		2,4(3H,5H)-Pyrimidinedione, 6-am...	276	C13H16N4O3	039265-99-1	45
5		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	43



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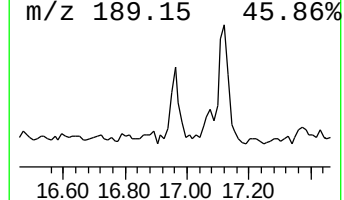
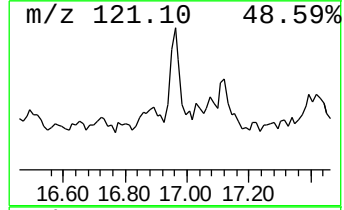
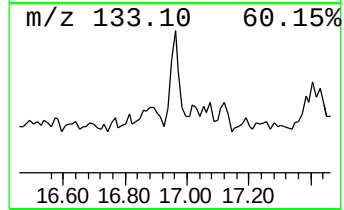
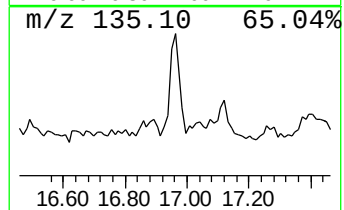
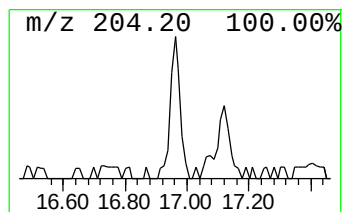
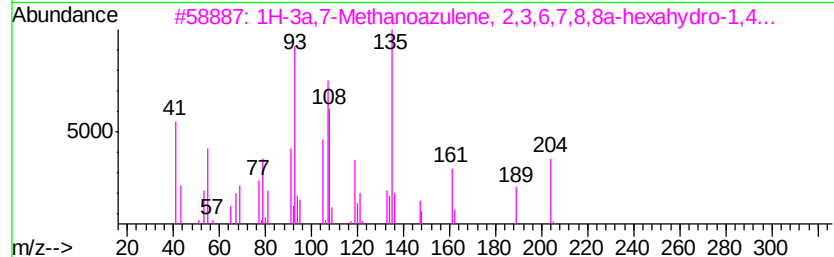
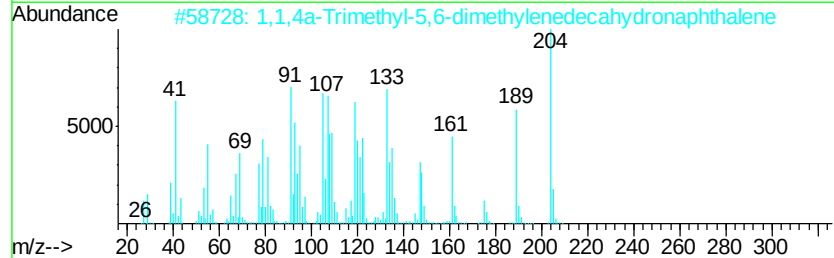
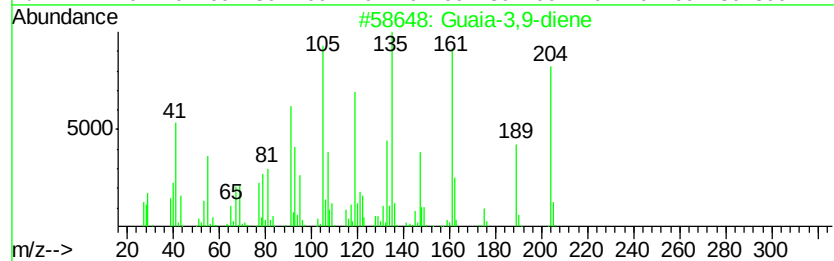
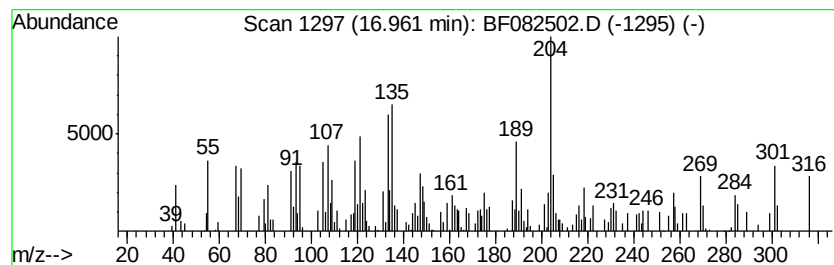
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Guaia-3,9-diene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	4.40 ng	148751	Perylene-d12	15.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Guaia-3,9-diene	204 C15H24	000489-83-8 64
2		1,1,4a-Trimethyl-5,6-dimethylene...	204 C15H24	1000193-60-8 58
3		1H-3a,7-Methanoazulene, 2,3,6,7,...	204 C15H24	000560-32-7 58
4		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204 C14H200	124957-09-1 49
5		1H-Cycloprop[e]azulene, 1a,2,3,4...	204 C15H24	000489-40-7 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
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BT-03(0-2)

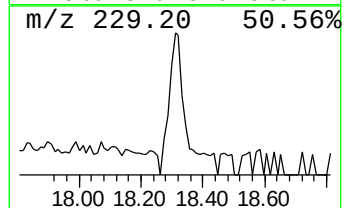
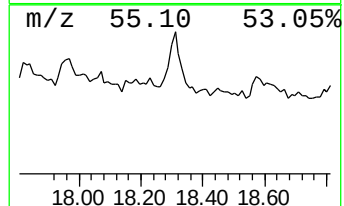
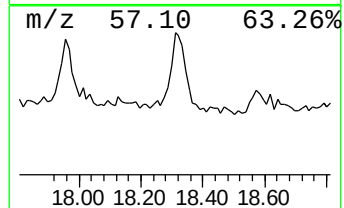
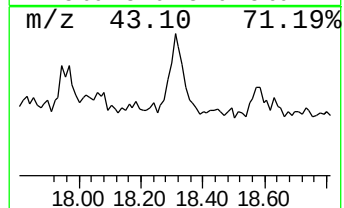
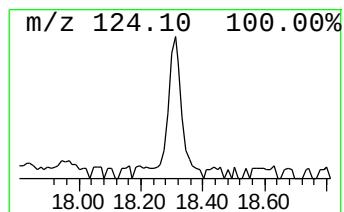
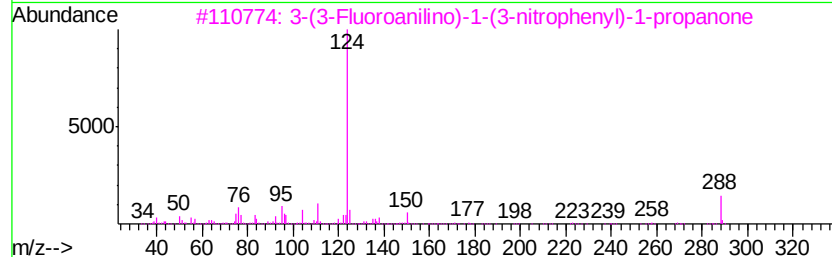
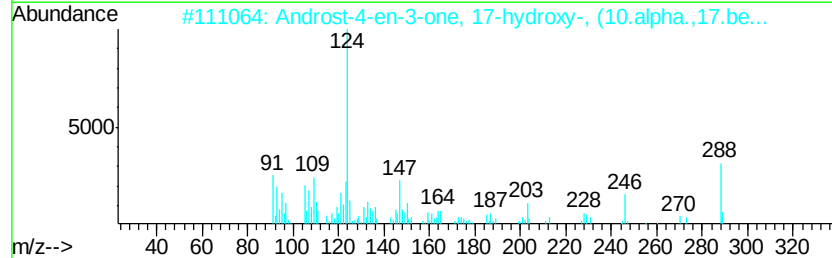
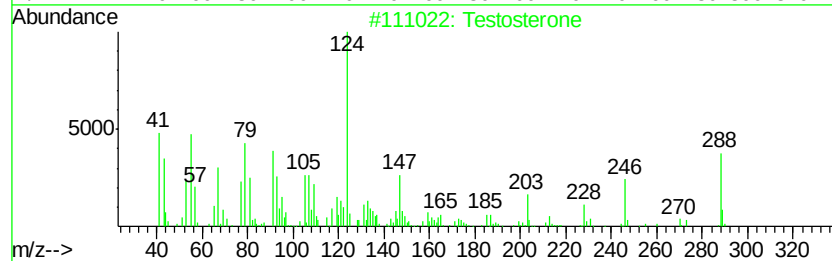
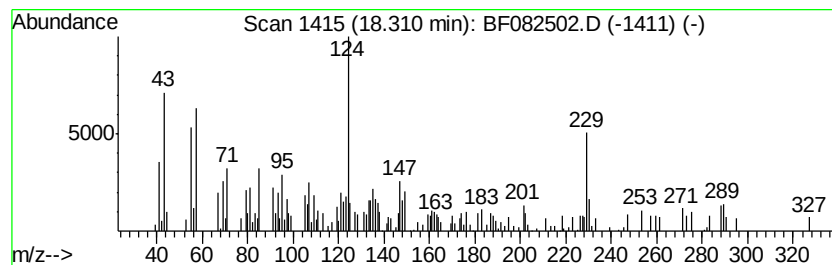
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown18.31 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	6.42 ng	216720	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Testosterone	288	C19H28O2	000058-22-0	46
2		Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	41
3		3-(3-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	300726-64-1	30
4		2,3-Diaminophenol	124	C6H8N2O	059649-56-8	27
5		3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082502.D
 Acq On : 24 Oct 2015 9:38
 Operator : UM/IZ
 Sample : G4116-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT-03(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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...	4.91	42.8	ng	1301580	1	6.75	608806	20.0
unknown6.53	6.53	63.9	ng	1945860	1	6.75	608806	20.0
unknown11.82	11.82	3.3	ng	127462	4	11.29	763889	20.0
11-Tricosene	13.82	4.8	ng	180403	5	13.96	756690	20.0
Trichloroacetic a...	14.52	2.5	ng	93486	5	13.96	756690	20.0
Heneicosane	15.13	3.5	ng	118666	6	15.46	675648	20.0
1-Nonadecene	15.19	3.0	ng	103162	6	15.46	675648	20.0
Nonadecane	15.90	5.3	ng	179699	6	15.46	675648	20.0
1,16-Hexadecanediol	16.64	2.5	ng	84260	6	15.46	675648	20.0
1-Naphthalenecarb...	16.87	3.7	ng	125693	6	15.46	675648	20.0
Guaia-3,9-diene	16.96	4.4	ng	148751	6	15.46	675648	20.0
unknown18.31	18.31	6.4	ng	216720	6	15.46	675648	20.0