

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081958.D
 Acq On : 2 Oct 2015 00:44
 Operator : UM/IZ
 Sample : G3870-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-1

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-BF092815.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	5.086	254	258	269	rBV	859897	1130207	38.25%	4.600%
2	5.497	291	294	296	rBV	1624233	1993327	67.46%	8.113%
3	6.526	381	384	386	rBV	1656383	2062847	69.81%	8.396%
4	6.663	393	396	398	rBV	2172587	2186688	74.00%	8.900%
5	6.892	414	416	426	rBV	442304	586676	19.85%	2.388%
6	7.052	428	430	432	rBV	1961677	1762526	59.65%	7.173%
7	7.463	463	466	468	rBV	1205131	1224451	41.44%	4.984%
8	8.183	526	529	531	rBV	723089	719708	24.36%	2.929%
9	9.258	620	623	625	rBV	2813915	2642846	89.44%	10.756%
10	9.646	655	657	660	rBV	427995	428192	14.49%	1.743%
11	9.932	680	682	685	rBV	996838	921084	31.17%	3.749%
12	10.355	718	719	723	rVB	29422	31226	1.06%	0.127%
13	10.721	748	751	754	rBV	1557874	1576275	53.34%	6.415%
14	10.835	759	761	766	rVB	46965	73374	2.48%	0.299%
15	11.281	798	800	801	rBV	42586	35838	1.21%	0.146%
16	11.418	810	812	823	rBV	866078	975100	33.00%	3.969%
17	13.007	948	951	964	rBV	2900735	2954920	100.00%	12.027%
18	13.909	1027	1030	1038	rBV	94318	296423	10.03%	1.206%
19	14.058	1040	1043	1055	rVB	760561	989716	33.49%	4.028%
20	14.550	1081	1086	1093	rBV3	50648	197735	6.69%	0.805%
21	14.892	1112	1116	1119	rBV	28814	36054	1.22%	0.147%
22	14.961	1120	1122	1125	rBV	28642	39287	1.33%	0.160%
23	15.155	1137	1139	1141	rVB	113260	128976	4.36%	0.525%
24	15.235	1141	1146	1150	rBV4	21051	73677	2.49%	0.300%
25	15.498	1167	1169	1178	rBV	420213	719215	24.34%	2.927%
26	15.727	1186	1189	1192	rBV	34114	51150	1.73%	0.208%
27	15.944	1205	1208	1212	rBV	103457	174082	5.89%	0.709%
28	16.035	1212	1216	1217	rVV3	13406	32111	1.09%	0.131%
29	16.070	1217	1219	1226	rVB4	20213	49594	1.68%	0.202%
30	16.721	1273	1276	1281	rVB	21158	44022	1.49%	0.179%
31	17.018	1298	1302	1307	rVB	33757	71103	2.41%	0.289%
32	17.190	1310	1317	1323	rBV3	11764	41301	1.40%	0.168%
33	19.384	1502	1509	1514	rBV6	13043	64707	2.19%	0.263%
34	19.510	1514	1520	1529	rVB	78636	255525	8.65%	1.040%

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ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

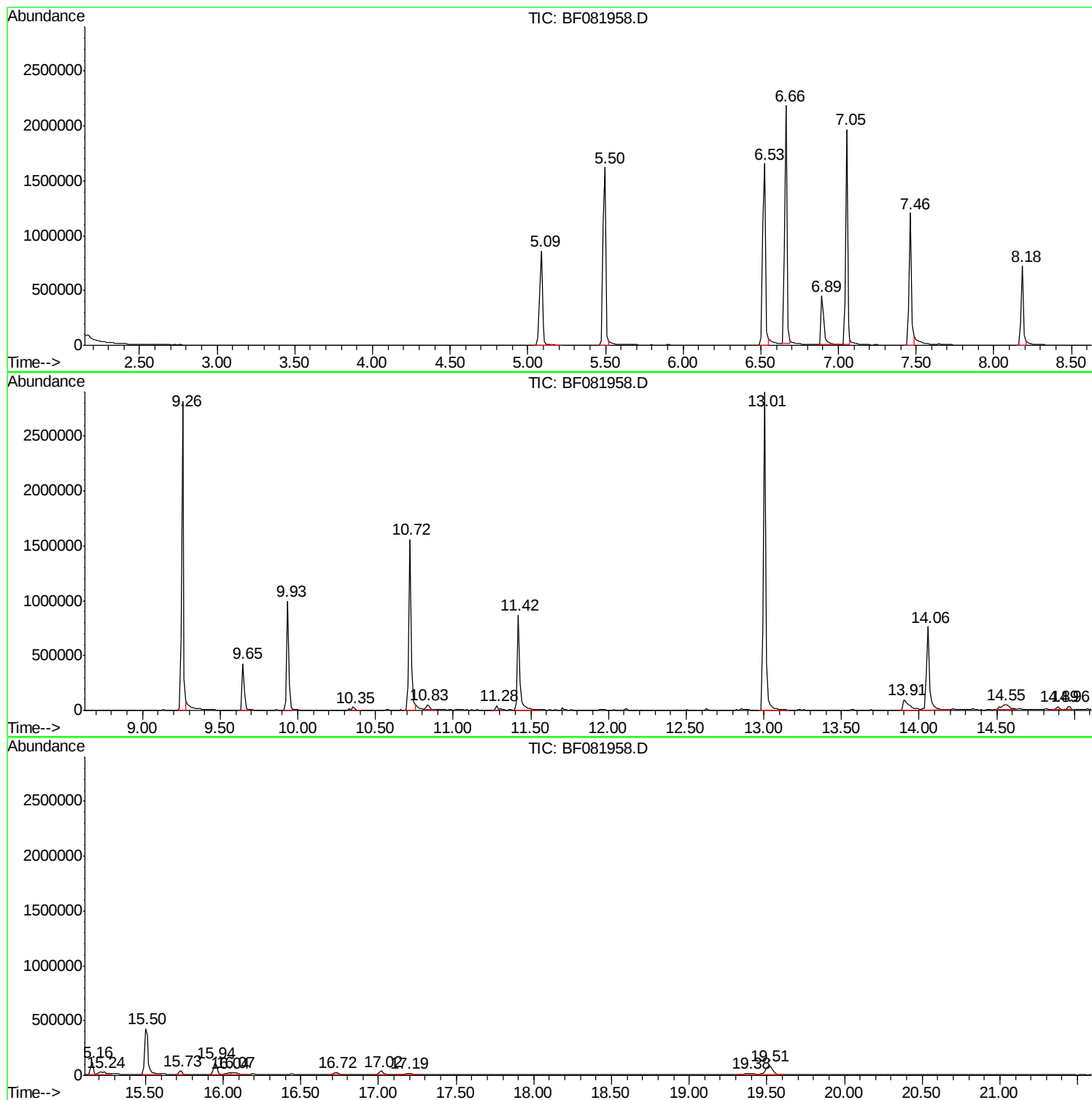
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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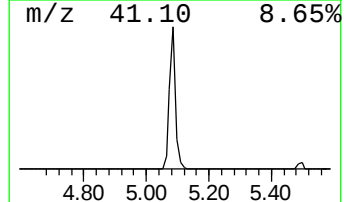
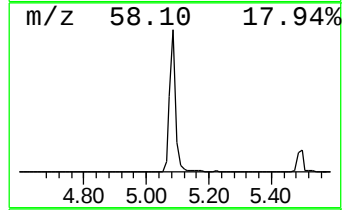
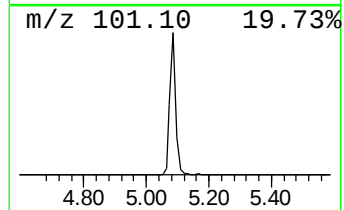
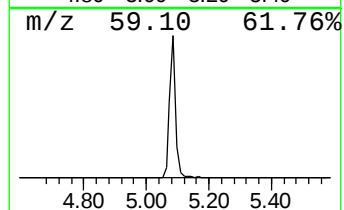
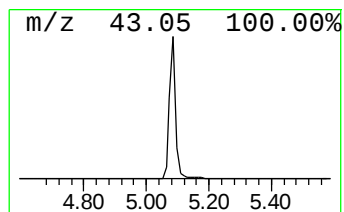
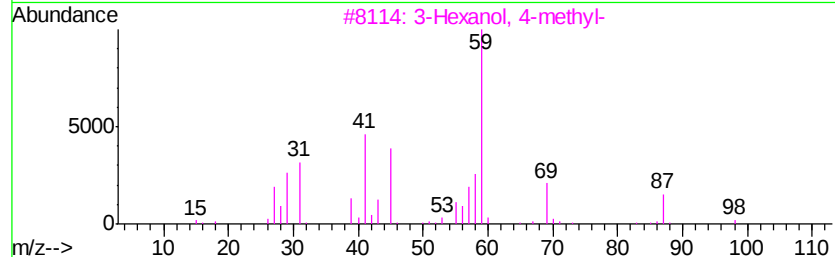
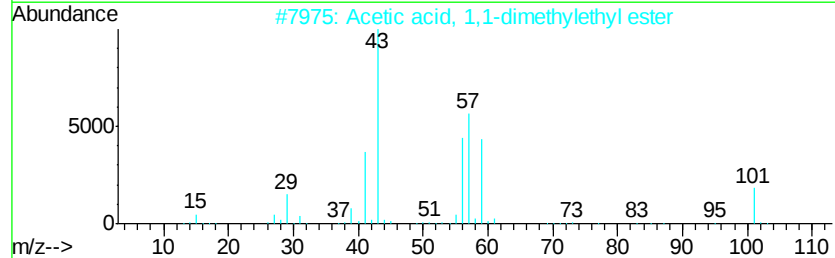
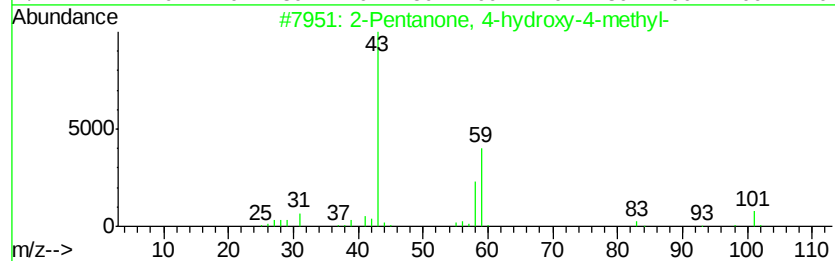
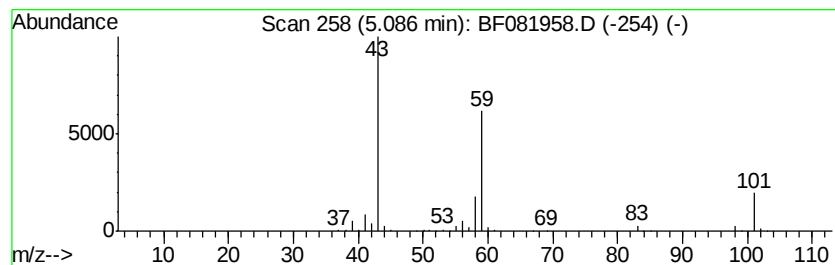
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	38.53 ng	1130210	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
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	23



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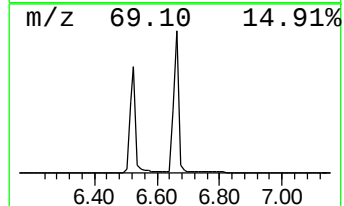
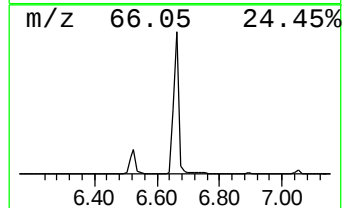
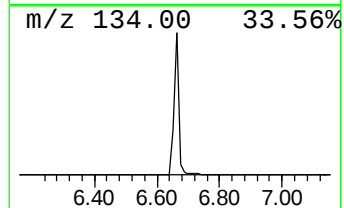
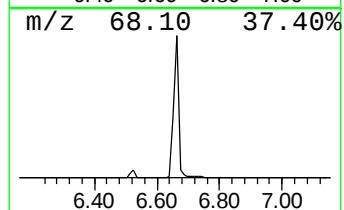
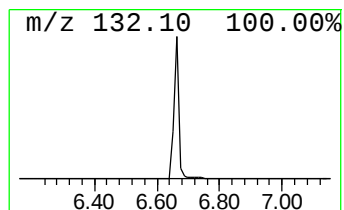
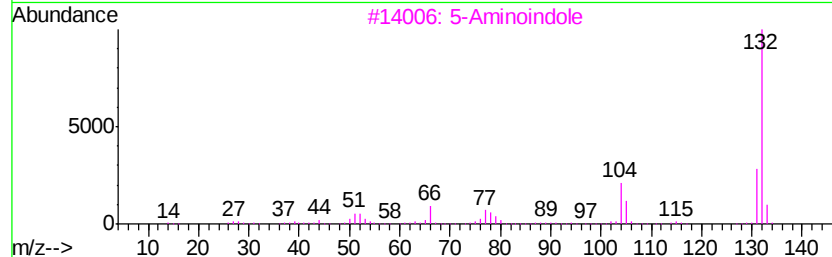
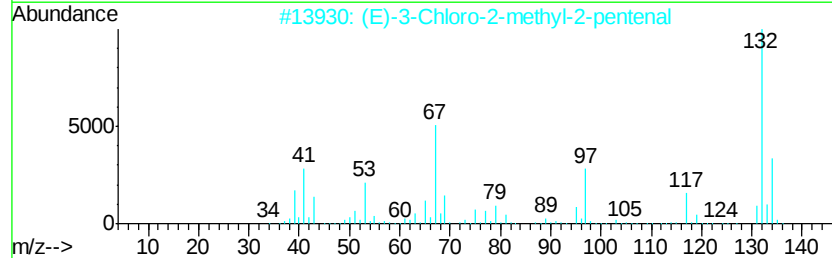
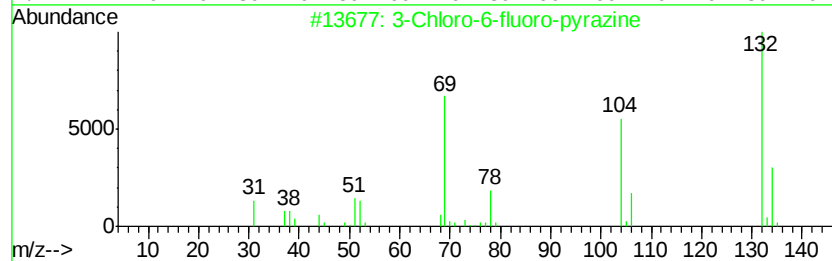
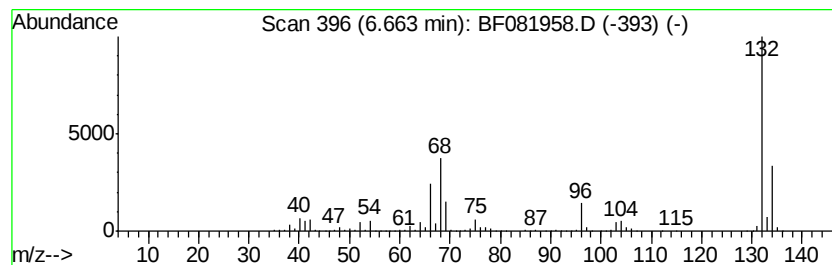
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	74.55 ng	2186690	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
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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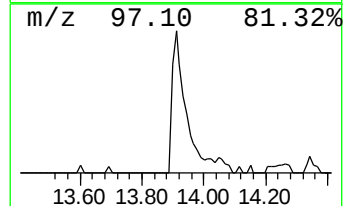
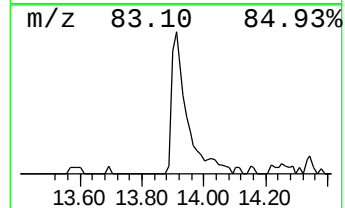
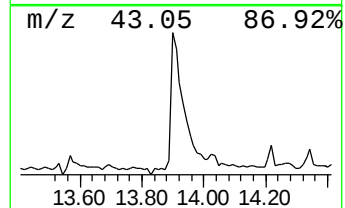
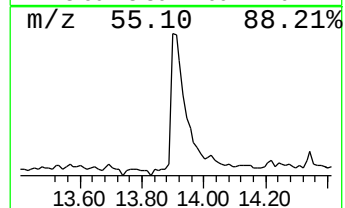
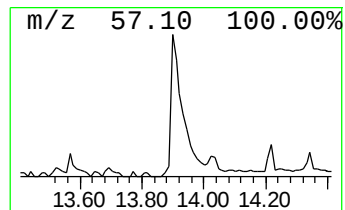
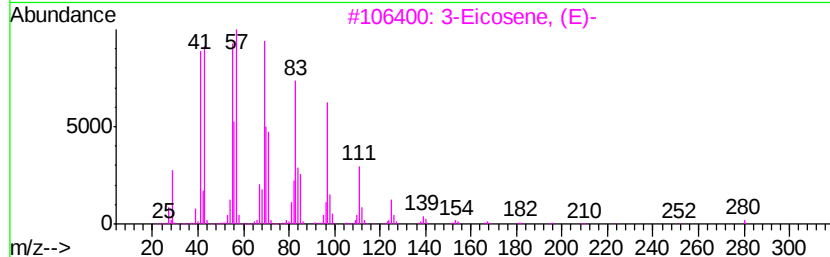
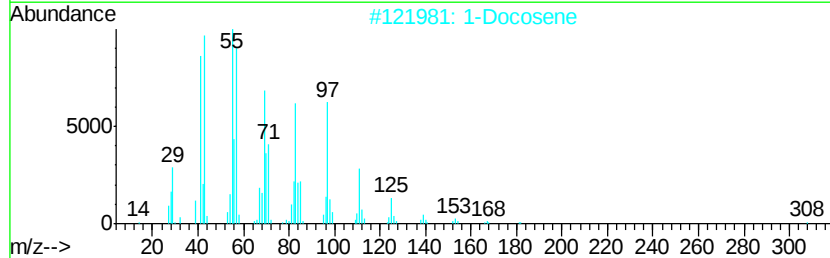
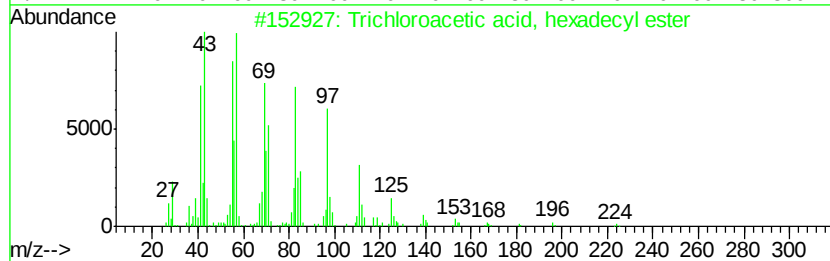
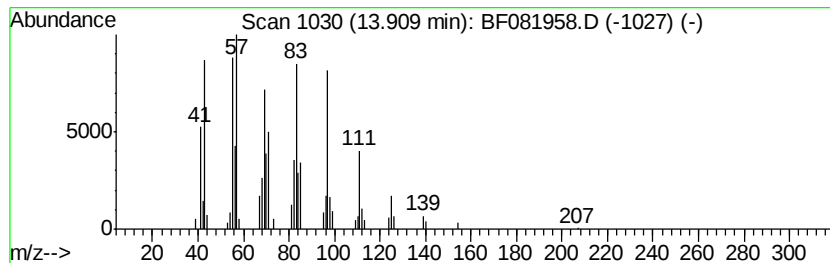
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	5.99 ng	296423	Chrysene-d12	14.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2			1-Docosene	308	C22H44	001599-67-3	91
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4			1-Nonadecene	266	C19H38	018435-45-5	91
5			5-Eicosene, (E)-	280	C20H40	074685-30-6	91



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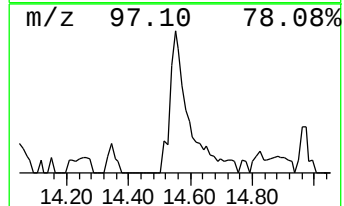
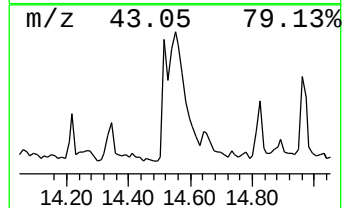
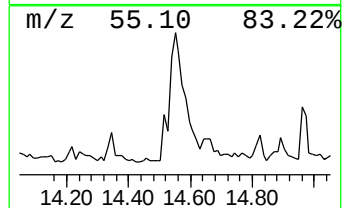
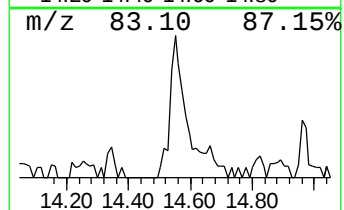
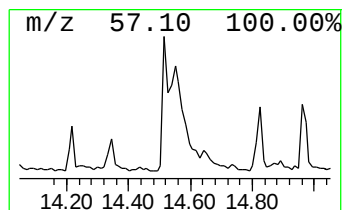
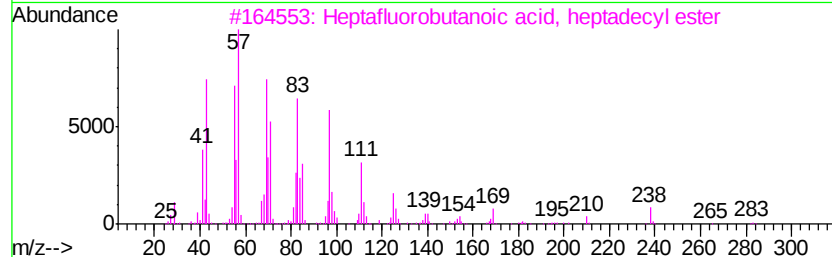
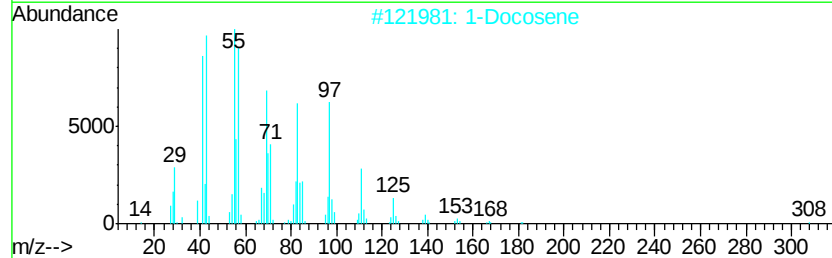
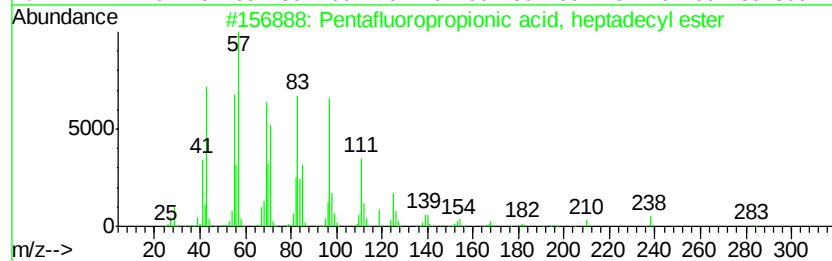
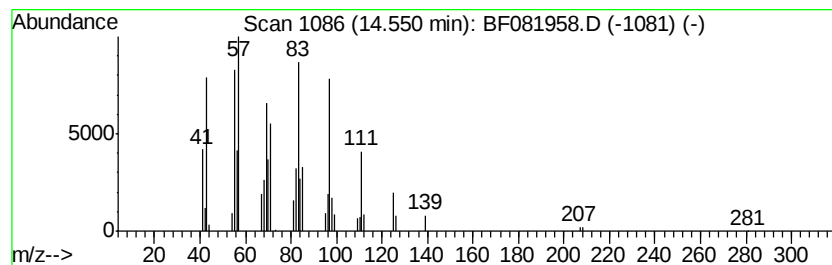
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	4.00 ng	197735	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2		1-Docosene	308	C22H44	001599-67-3	91
3		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		17-Pentatriacontene	491	C35H70	006971-40-0	91



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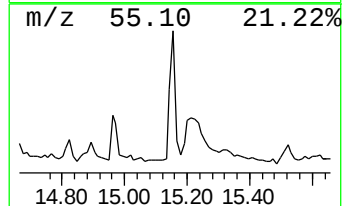
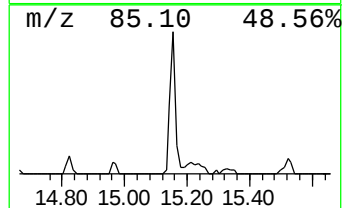
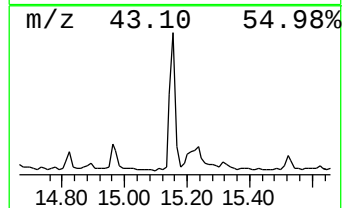
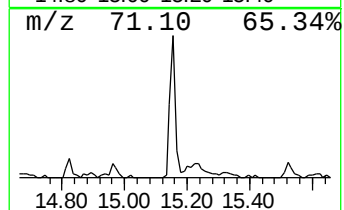
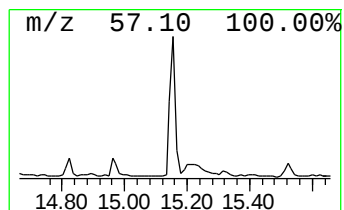
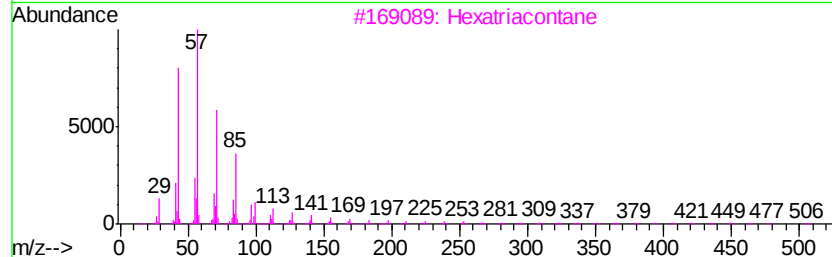
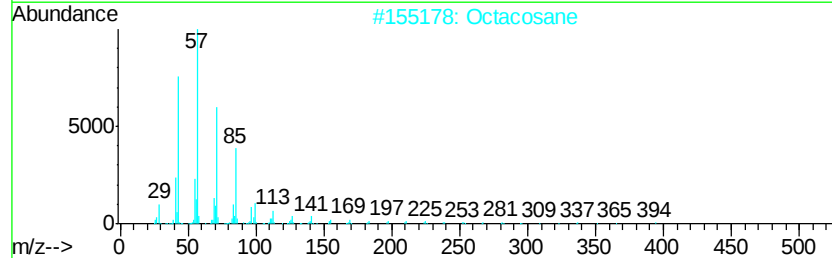
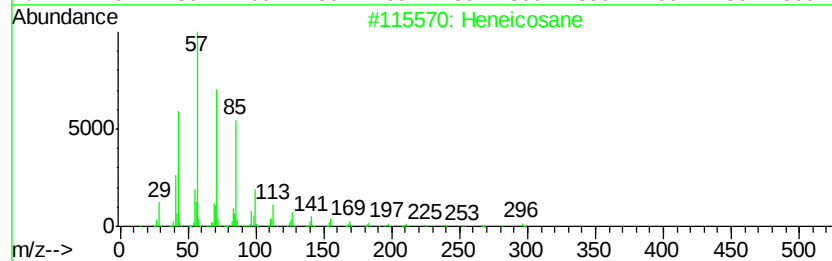
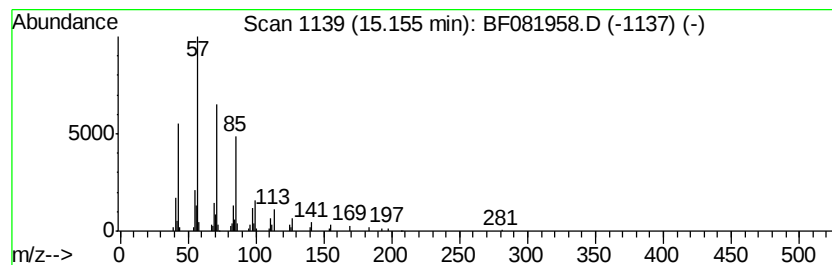
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.59 ng	128976	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Tetracosane	338	C24H50	000646-31-1	91



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ClientSampleId :
670-UNDERCLIFF-1

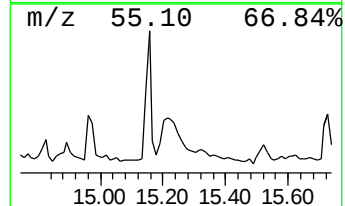
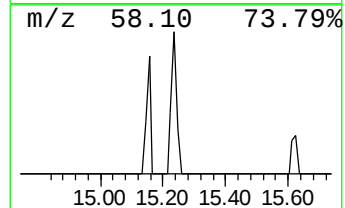
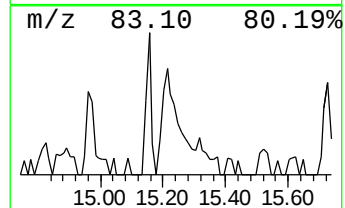
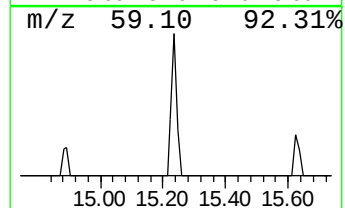
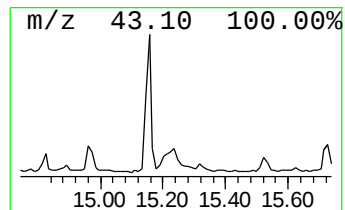
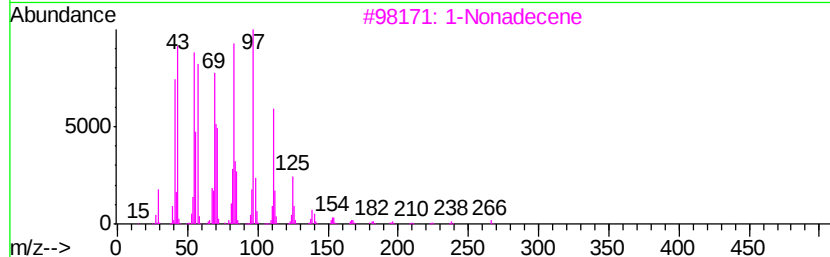
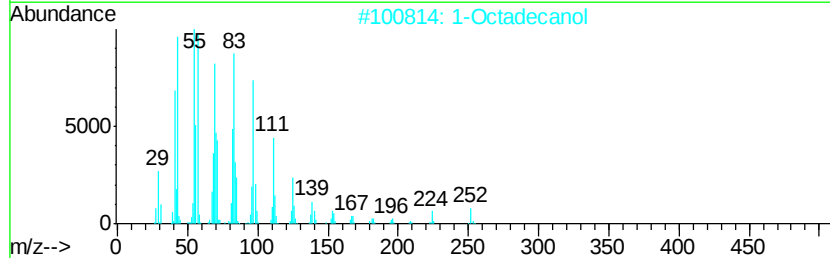
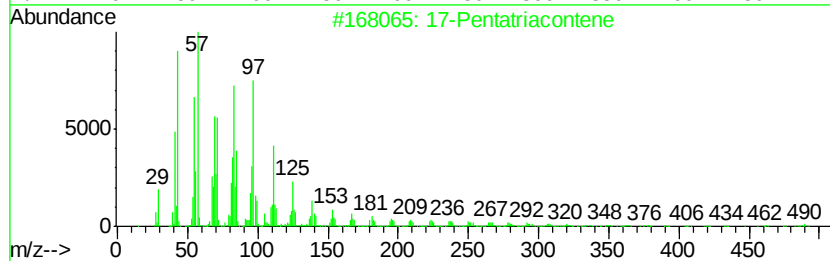
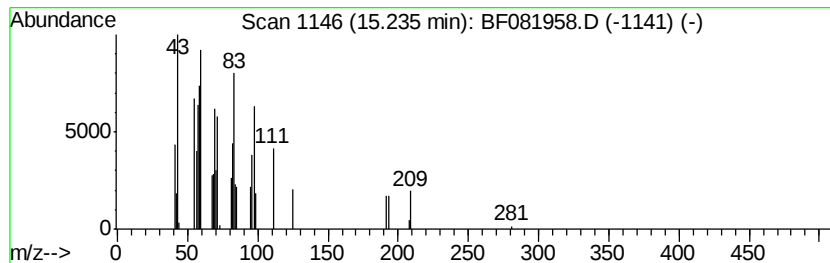
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown15.24 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	2.05 ng	73677	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	46
2		1-Octadecanol	270	C18H38O	000112-92-5	46
3		1-Nonadecene	266	C19H38	018435-45-5	46
4		1-Eicosanol	298	C20H42O	000629-96-9	41
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081958.D
Acq On : 2 Oct 2015 00:44
Operator : UM/IZ
Sample : G3870-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-1

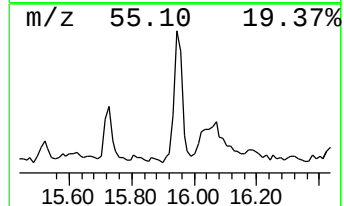
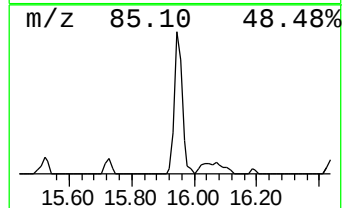
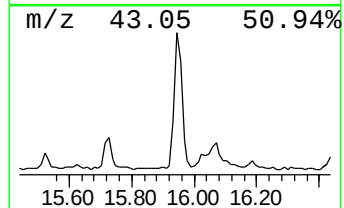
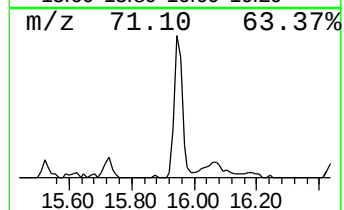
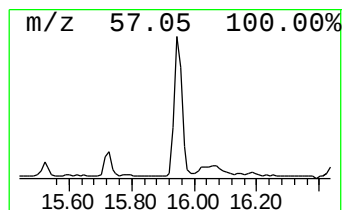
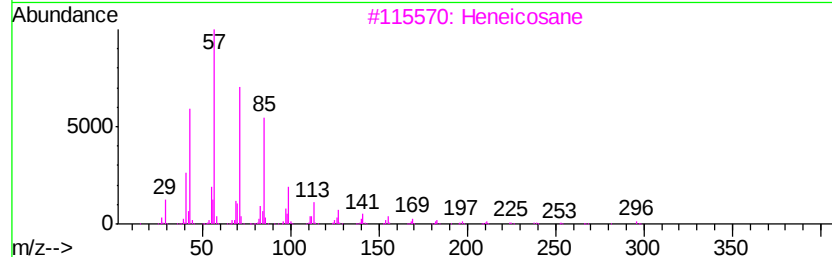
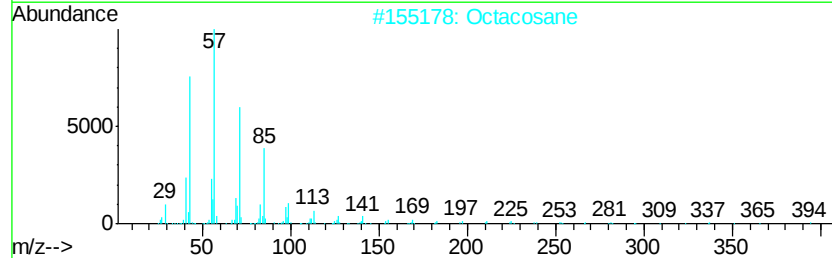
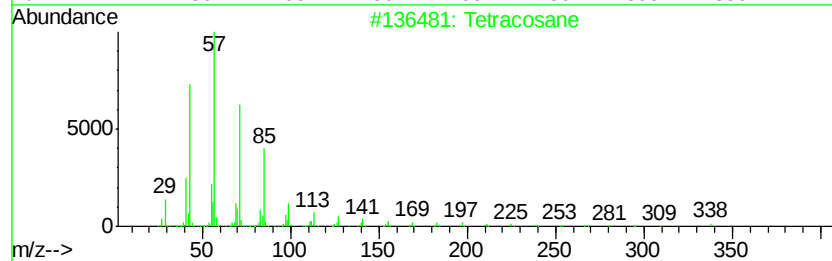
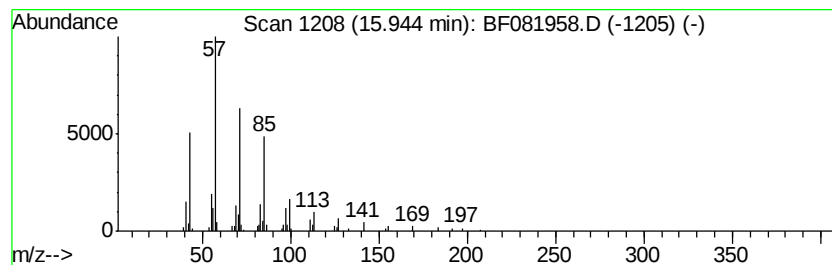
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	4.84 ng	174082	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Triacontane	422	C30H62	000638-68-6	90
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081958.D
Acq On : 2 Oct 2015 00:44
Operator : UM/IZ
Sample : G3870-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

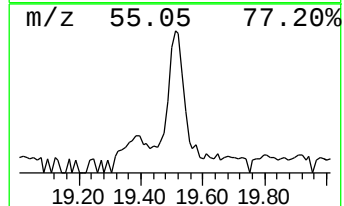
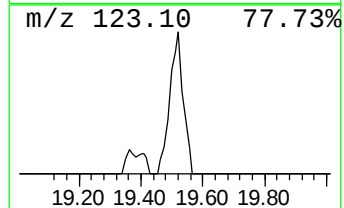
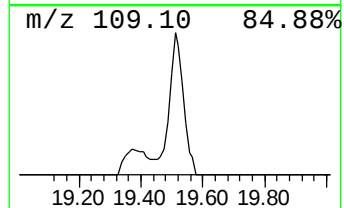
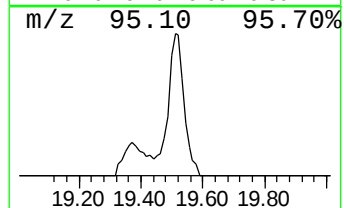
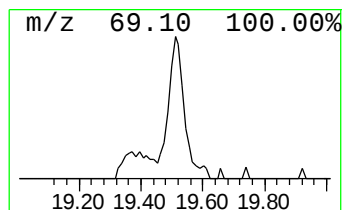
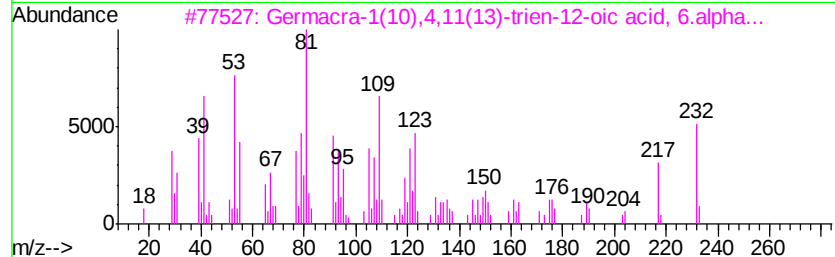
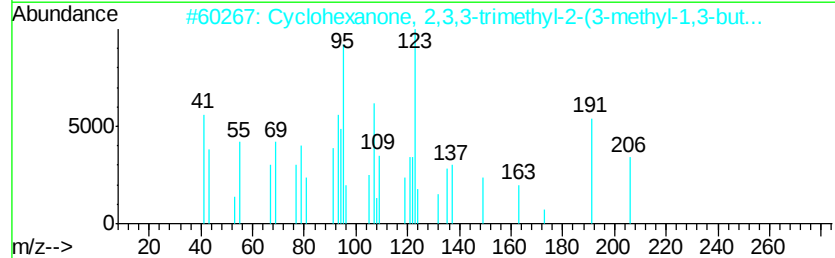
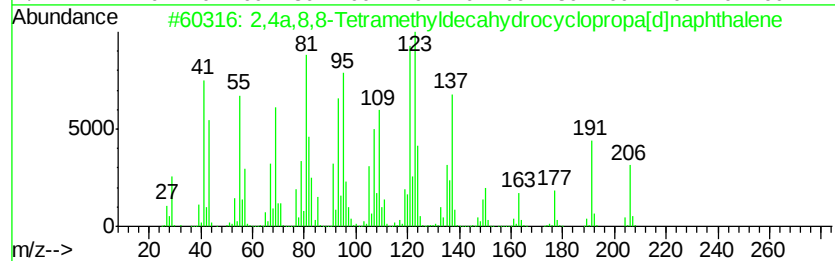
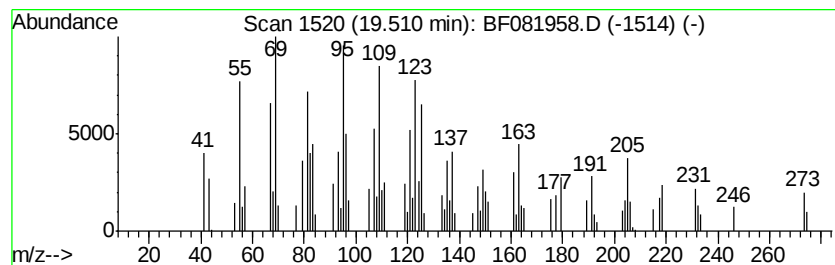
Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,4a,8,8-Tetramethyldecahyd... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.51	7.11 ng	255525	Perylene-d12	15.50		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	76	
2	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	46	
3	Germacra-1(10),4,11(13)-trien-12...	232	C15H20O2	000553-21-9	35	
4	Sesquirosefuran	218	C15H22O	039007-93-7	27	
5	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	27	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
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Acq On : 2 Oct 2015 00:44
Operator : UM/IZ
Sample : G3870-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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...	5.09	38.5	ng	1130210	1	6.89	586676	20.0
unknown6.66	6.66	74.5	ng	2186690	1	6.89	586676	20.0
Trichloroacetic a...	13.91	6.0	ng	296423	5	14.06	989716	20.0
Pentafluoropropio...	14.55	4.0	ng	197735	5	14.06	989716	20.0
Heneicosane	15.16	3.6	ng	128976	6	15.50	719215	20.0
unknown15.24	15.24	2.0	ng	73677	6	15.50	719215	20.0
Tetracosane	15.94	4.8	ng	174082	6	15.50	719215	20.0
2,4a,8,8-Tetramet...	19.51	7.1	ng	255525	6	15.50	719215	20.0