

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086453.D
 Acq On : 28 Apr 2016 5:14
 Operator : UM/SJ
 Sample : H2707-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB07(0.5-6.0)

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-BF042716.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	4.316	192	195	199	rBV	32014	52702	1.18%	0.159%
2	5.001	252	255	260	rBV	93844	160040	3.57%	0.484%
3	5.401	287	290	293	rBV	3446529	4075256	90.96%	12.316%
4	6.441	378	381	384	rBV	3078223	4395923	98.11%	13.285%
5	6.579	390	393	395	rBV	3722761	4480387	100.00%	13.540%
6	6.807	411	413	415	rBV	813822	792239	17.68%	2.394%
7	6.967	424	427	429	rBV	2544993	3240282	72.32%	9.792%
8	7.367	459	462	465	rBV	1905357	2483585	55.43%	7.506%
9	7.470	469	471	479	rVB	47056	105046	2.34%	0.317%
10	8.087	523	525	528	rBV	944993	920521	20.55%	2.782%
11	9.173	617	620	622	rBV	3024244	3492525	77.95%	10.555%
12	9.562	652	654	656	rBV	508216	420258	9.38%	1.270%
13	9.848	676	679	681	rBV	591105	786679	17.56%	2.377%
14	10.259	713	715	716	rBV	23732	44993	1.00%	0.136%
15	10.282	716	717	719	rVB	103633	74127	1.65%	0.224%
16	10.499	733	736	739	rBV	35147	57168	1.28%	0.173%
17	10.625	745	747	750	rBV2	1429972	1802866	40.24%	5.448%
18	10.750	757	758	765	rVB	114175	141092	3.15%	0.426%
19	11.196	796	797	799	rBV	52192	54174	1.21%	0.164%
20	11.322	806	808	812	rBV	636374	650858	14.53%	1.967%
21	12.739	929	932	935	rBV2	27682	46751	1.04%	0.141%
22	12.911	944	947	949	rBV	2496877	2463099	54.98%	7.444%
23	13.151	966	968	970	rBV	56911	63535	1.42%	0.192%
24	13.494	995	998	1000	rBV	64729	96038	2.14%	0.290%
25	13.814	1024	1026	1031	rBV	129246	191506	4.27%	0.579%
26	13.951	1036	1038	1046	rVV	654413	895797	19.99%	2.707%
27	14.065	1046	1048	1049	rVV	46490	54526	1.22%	0.165%
28	14.134	1052	1054	1056	rBV	78439	76818	1.71%	0.232%
29	14.431	1078	1080	1082	rBV	58966	86643	1.93%	0.262%
30	14.728	1105	1106	1108	rBV	36204	57722	1.29%	0.174%
31	15.048	1132	1134	1136	rBV	55440	65882	1.47%	0.199%
32	15.368	1159	1162	1164	rBV	347017	541401	12.08%	1.636%
33	15.814	1199	1201	1203	rBV	44887	61739	1.38%	0.187%
34	16.282	1239	1242	1249	rBV3	30568	82656	1.84%	0.250%

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB07(0.5-6.0)

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.831	1287	1290	1293	rVB	34874	75162	1.68%	0.227%
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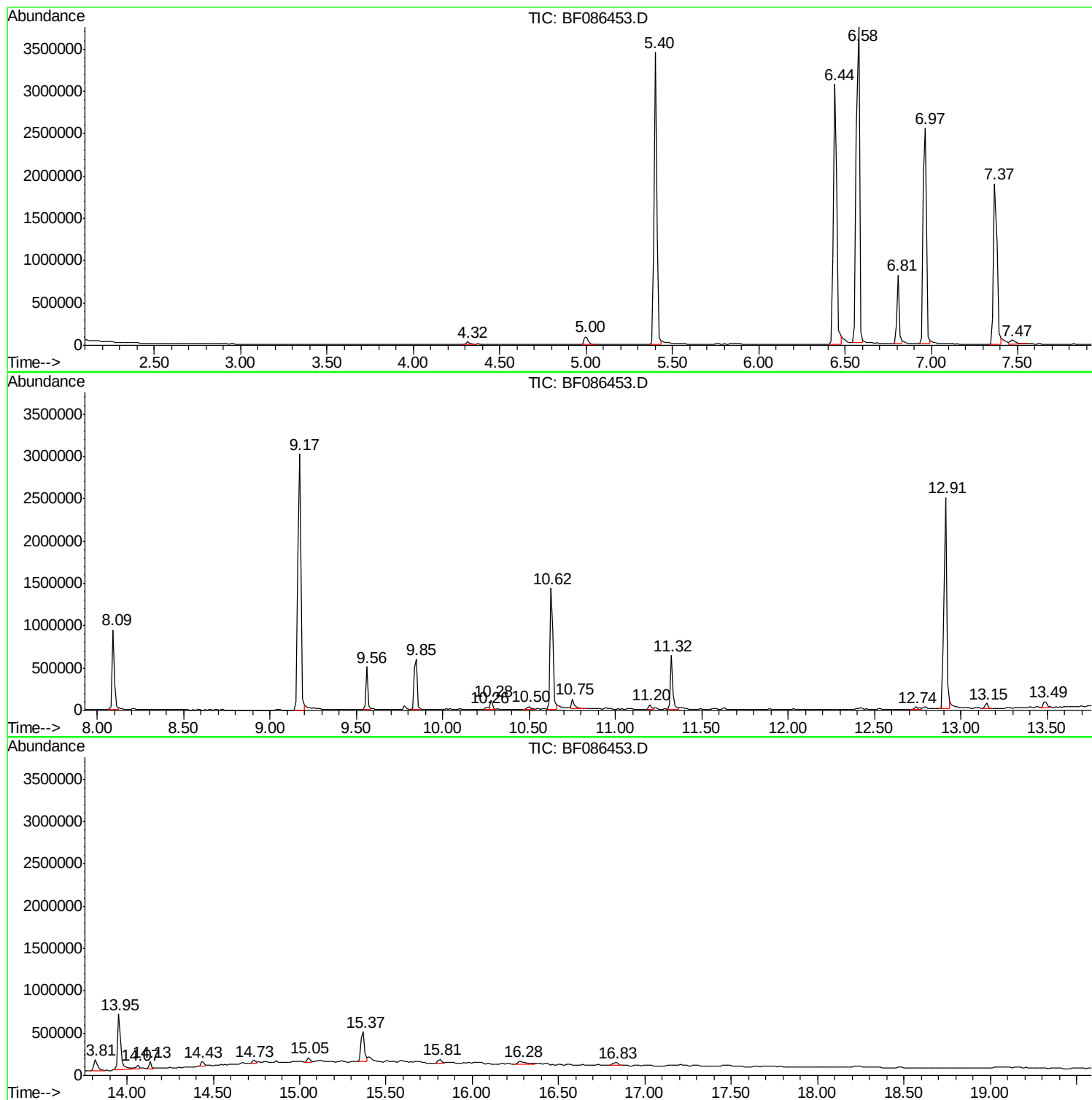
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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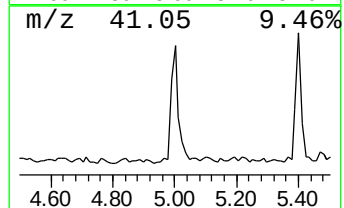
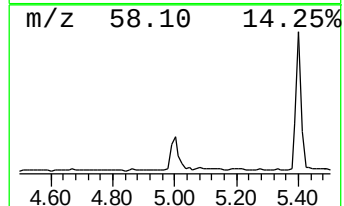
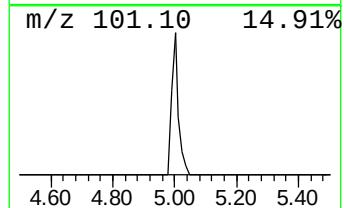
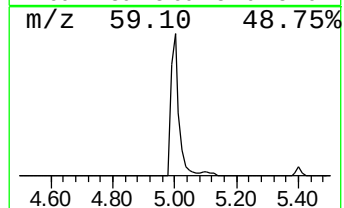
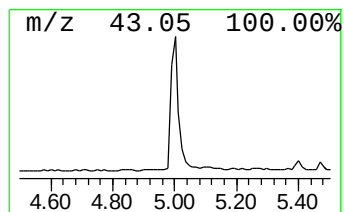
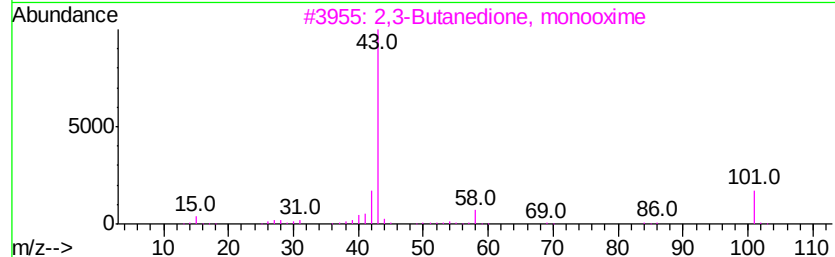
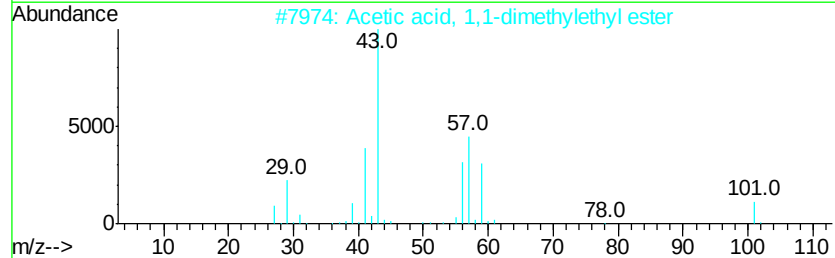
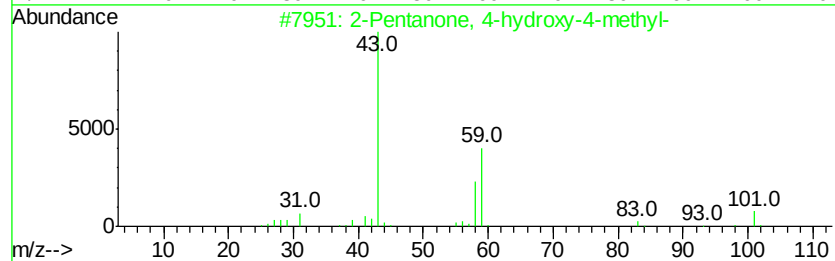
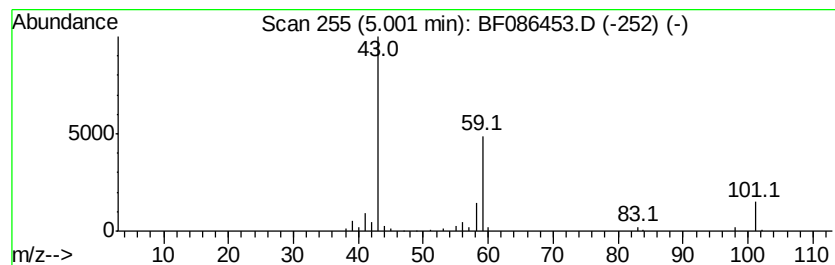
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	4.04 ng	160040	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	14
5		Diacetamide	101	C4H7NO2	000625-77-4	9



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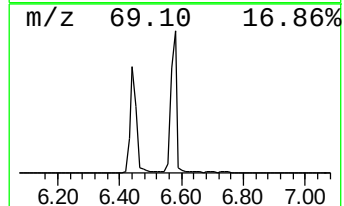
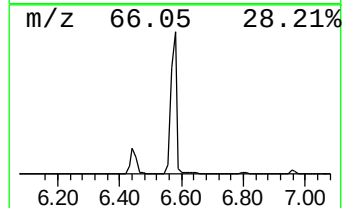
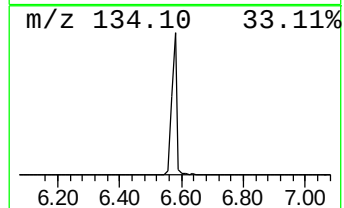
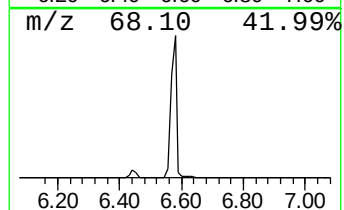
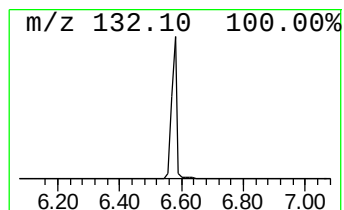
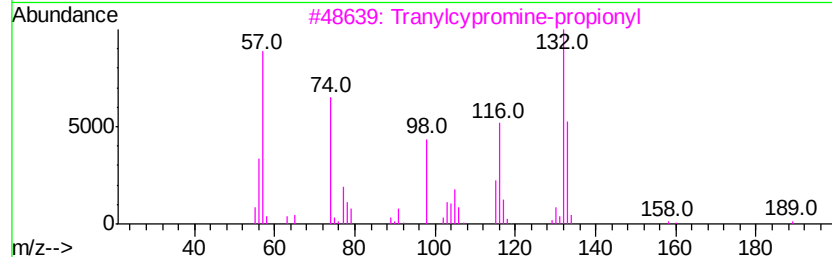
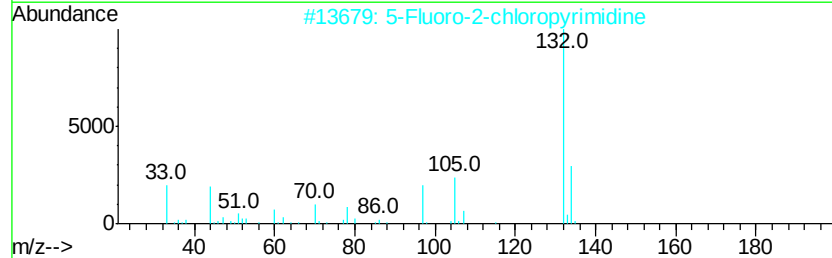
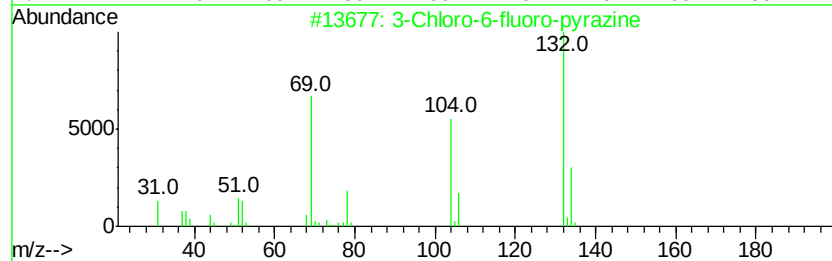
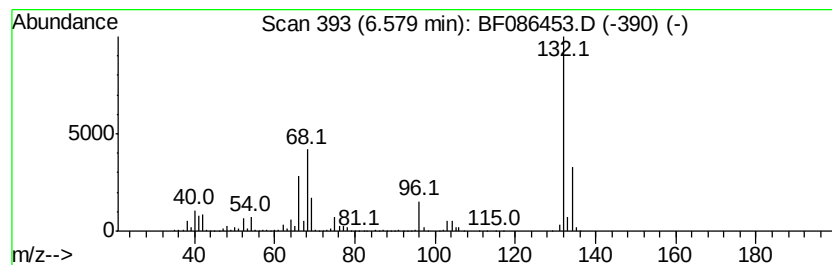
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	113.11 ng	4480390	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-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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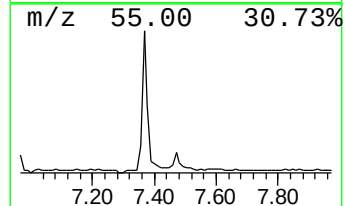
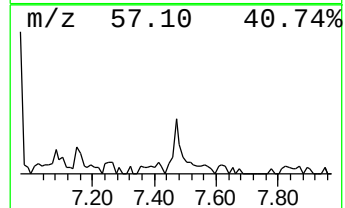
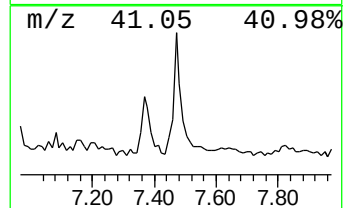
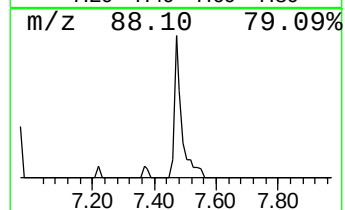
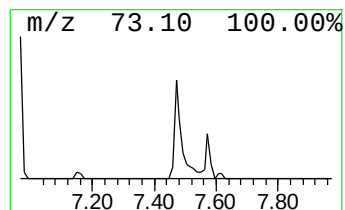
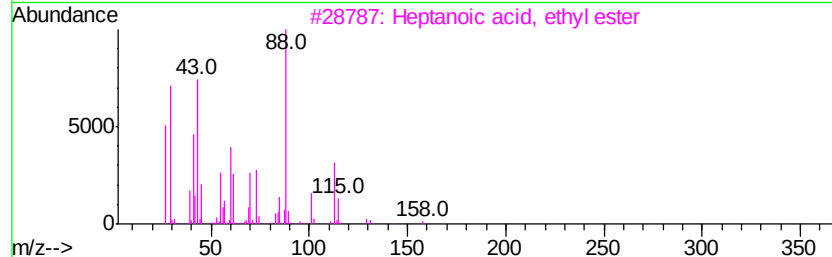
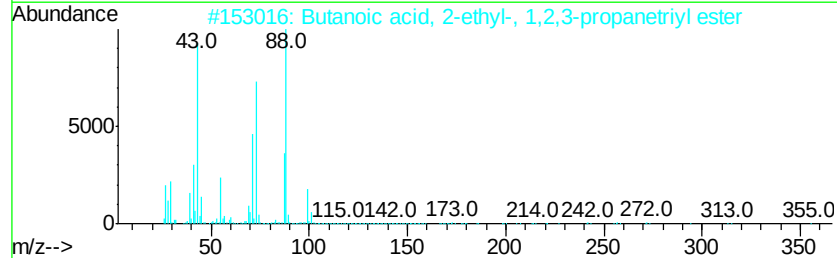
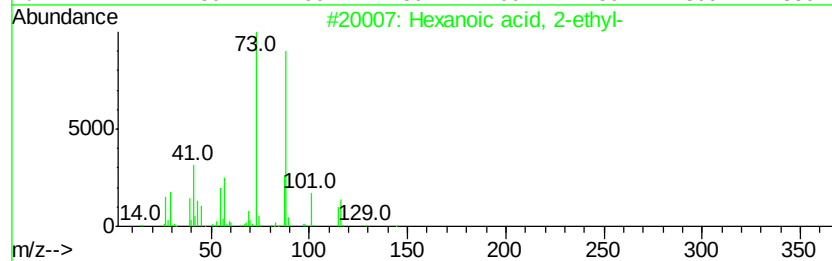
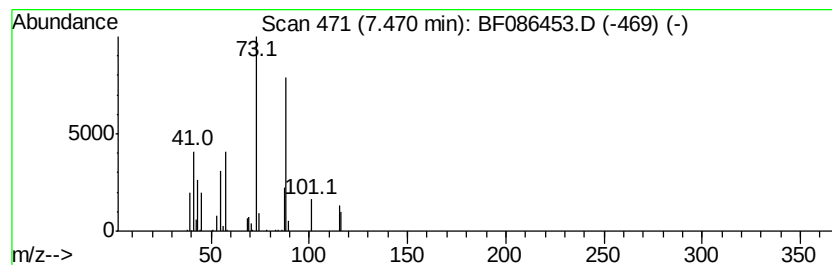
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	2.28 ng	105046	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	40
3		Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	38
4		Hydrazine, 1-butyl-1-ethyl-	116	C6H16N2	052728-56-0	10
5		1,4-Dioxane	88	C4H8O2	000123-91-1	9



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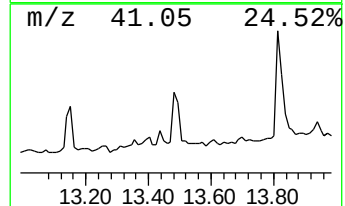
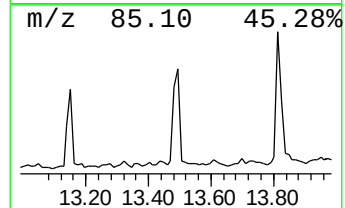
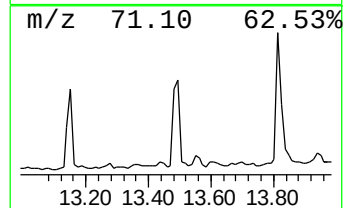
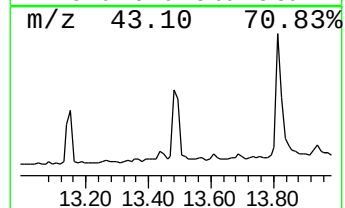
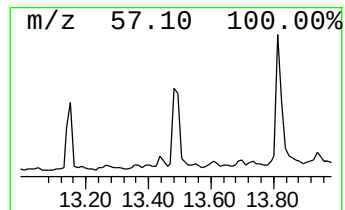
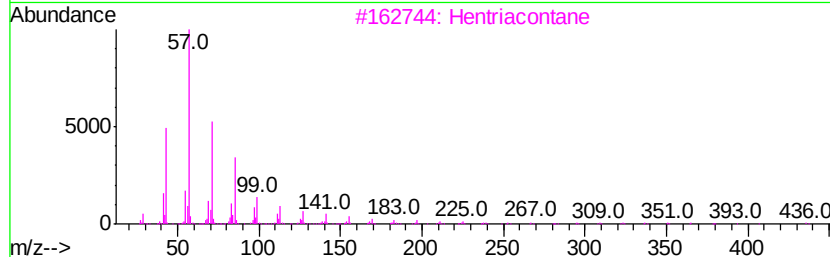
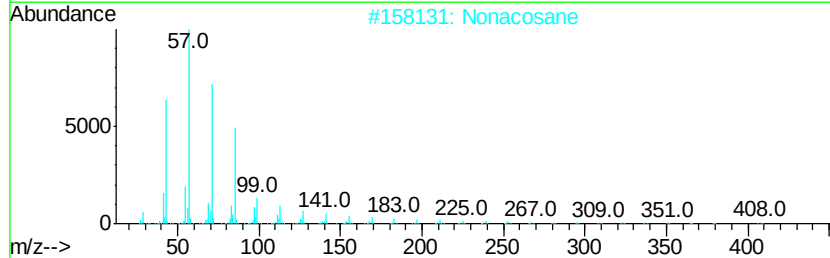
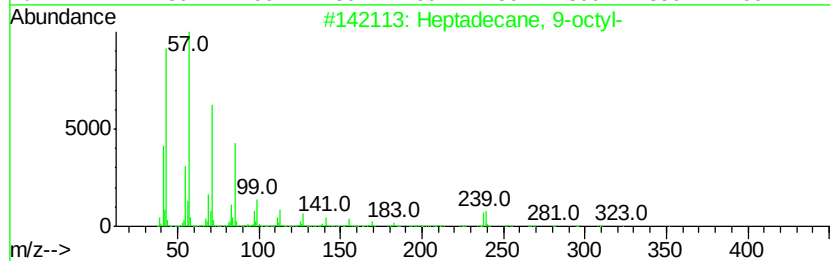
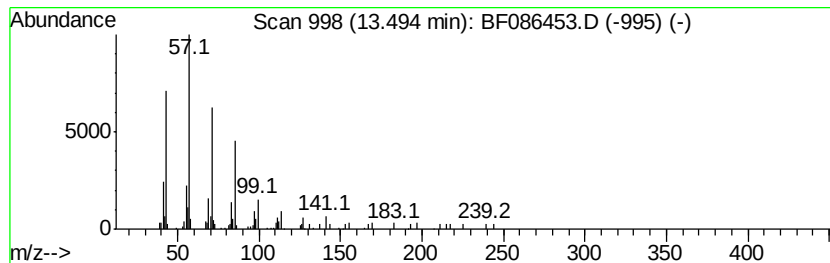
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.49	2.14 ng	96038	Chrysene-d12	13.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Nonacosane	408	C29H60	000630-03-5	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octacosane	394	C28H58	000630-02-4	91



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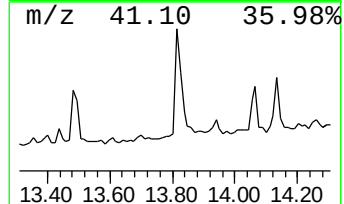
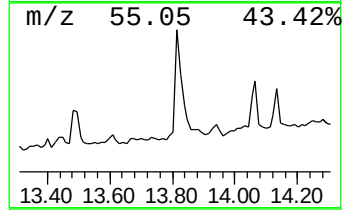
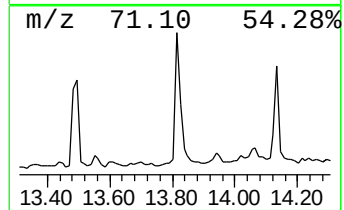
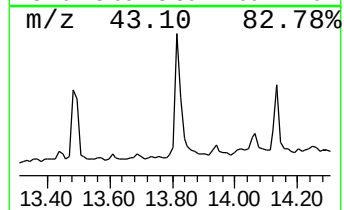
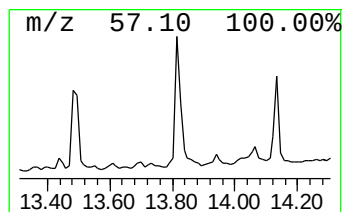
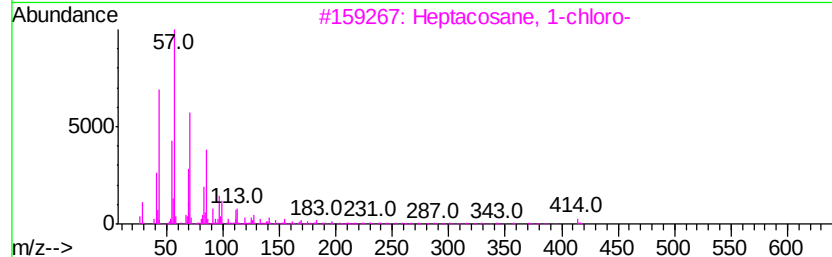
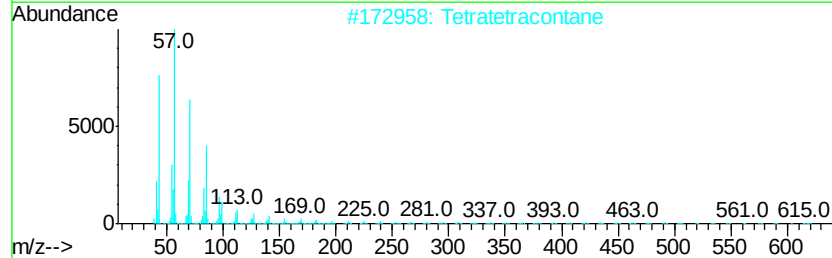
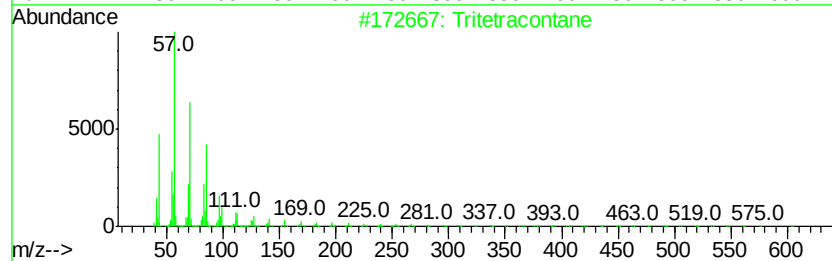
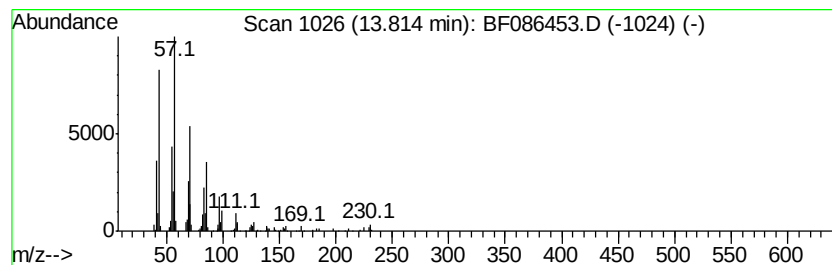
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.28 ng	191506	Chrysene-d12	13.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
4		Hexatriacontane	507	C36H74	000630-06-8	86
5		Octacosane	394	C28H58	000630-02-4	62



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ClientSampleId :
RICHMOND-AMBOY-SB07(0.5-6.0)

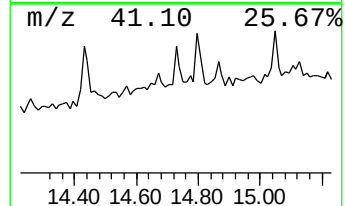
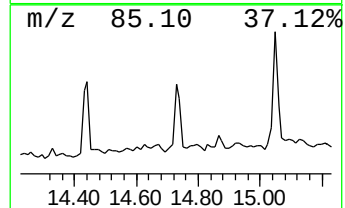
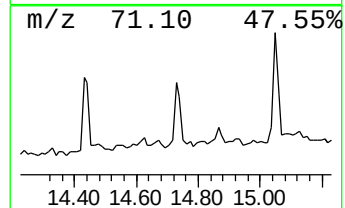
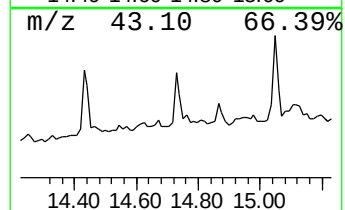
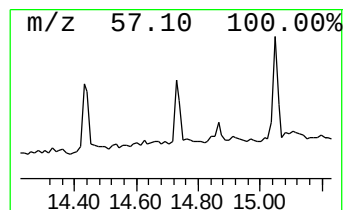
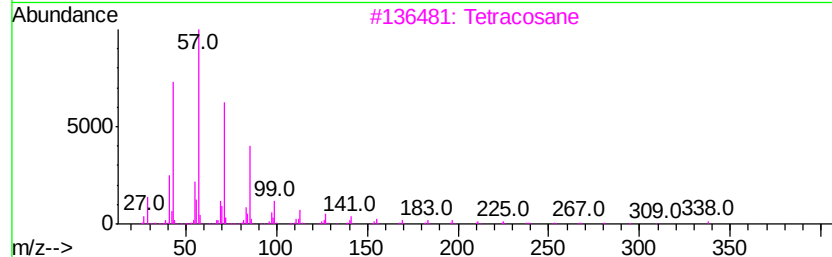
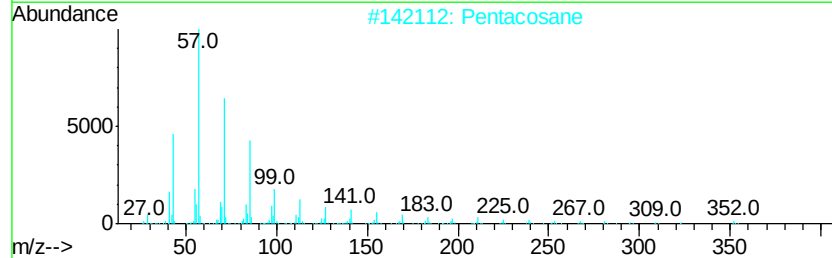
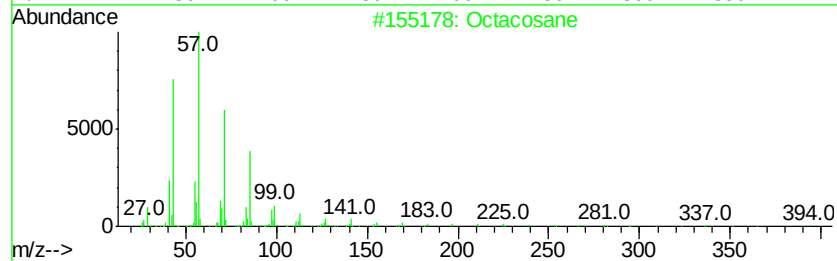
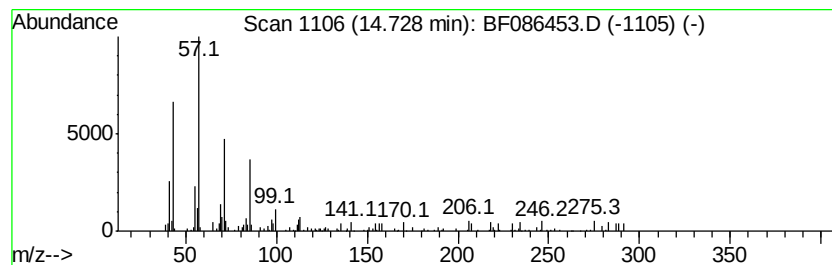
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown14.73 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.13 ng	57722	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	49
2		Pentacosane	352	C25H52	000629-99-2	49
3		Tetracosane	338	C24H50	000646-31-1	49
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	49
5		Octadecane	254	C18H38	000593-45-3	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086453.D
Acq On : 28 Apr 2016 5:14
Operator : UM/SJ
Sample : H2707-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB07(0.5-6.0)

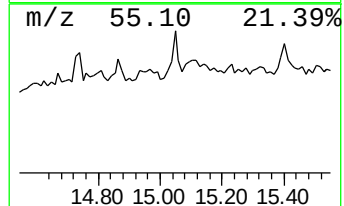
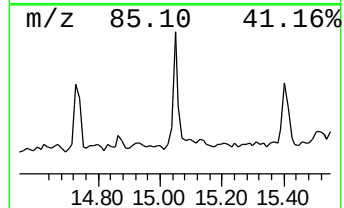
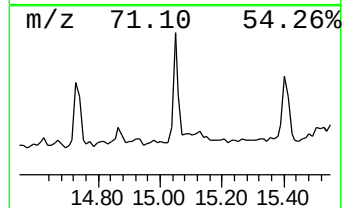
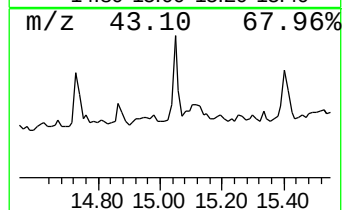
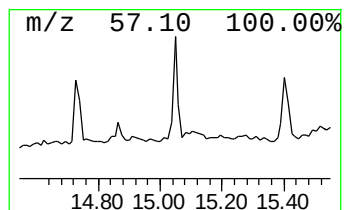
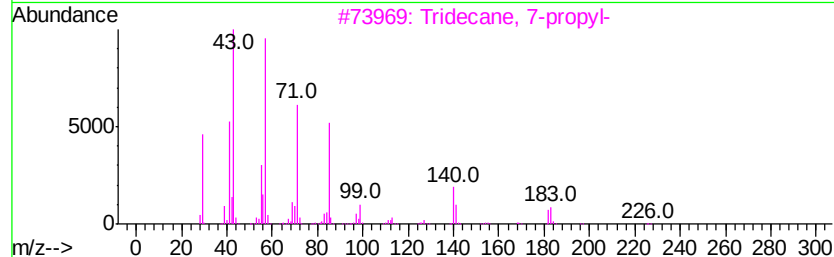
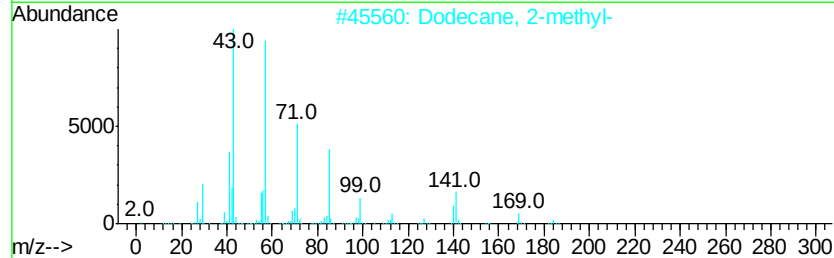
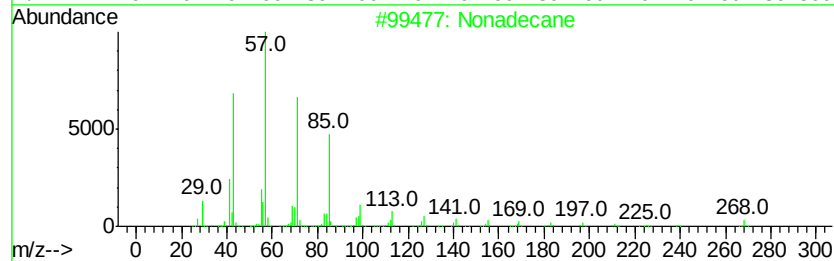
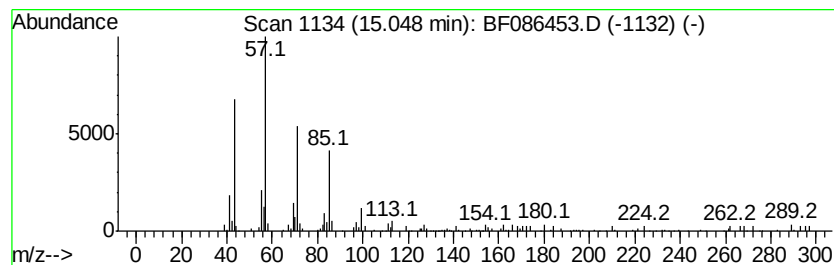
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.43 ng	65882	Perylene-d12	15.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	93
2	Dodecane, 2-methyl-		184	C13H28	001560-97-0	83
3	Tridecane, 7-propyl-		226	C16H34	055045-09-5	81
4	Tridecane		184	C13H28	000629-50-5	80
5	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086453.D
Acq On : 28 Apr 2016 5:14
Operator : UM/SJ
Sample : H2707-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB07(0.5-6.0)

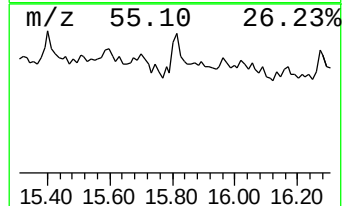
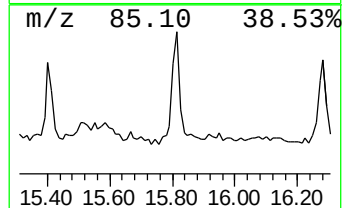
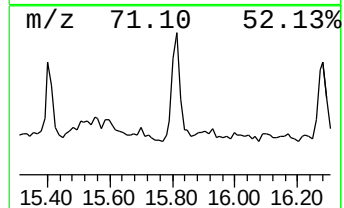
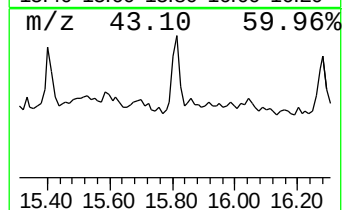
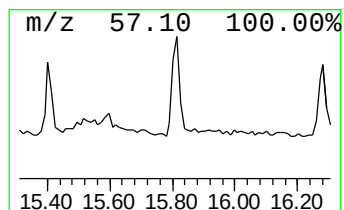
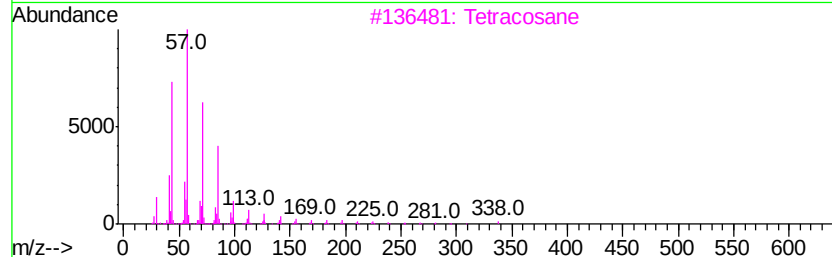
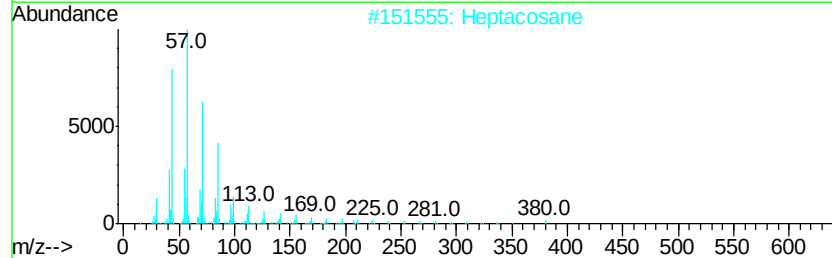
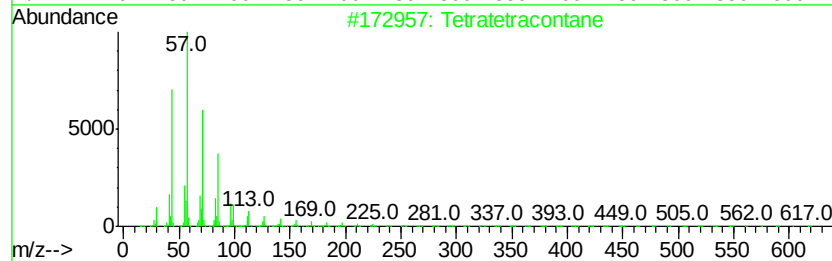
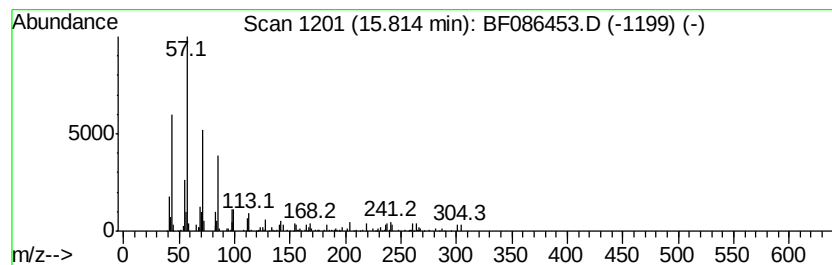
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.28 ng	61739	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	87
2			Heptacosane	380	C27H56	000593-49-7	87
3			Tetracosane	338	C24H50	000646-31-1	87
4			Hentriacontane	437	C31H64	000630-04-6	87
5			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086453.D
Acq On : 28 Apr 2016 5:14
Operator : UM/SJ
Sample : H2707-04
Misc :
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Instrument :
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ClientSampleId :
RICHMOND-AMBOY-SB07(0.5-6.0)

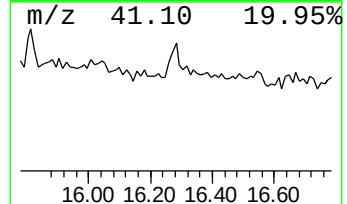
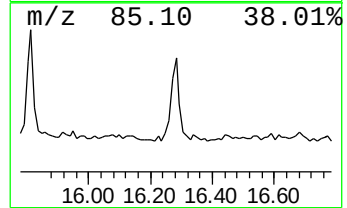
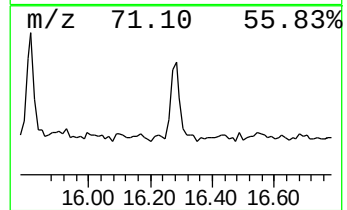
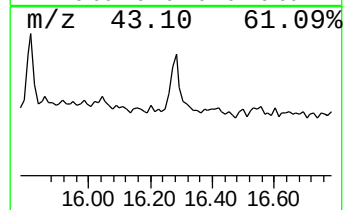
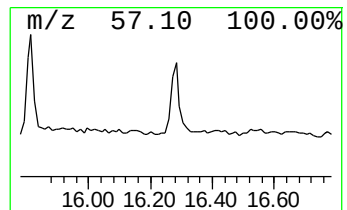
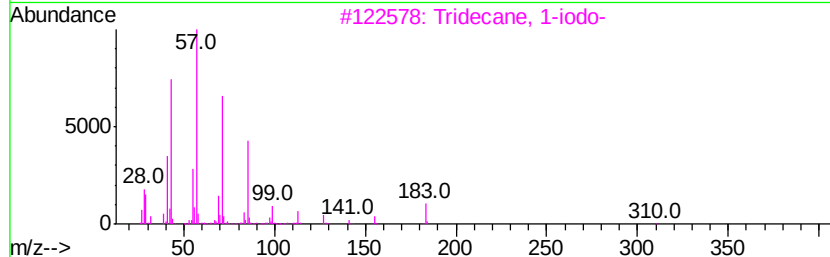
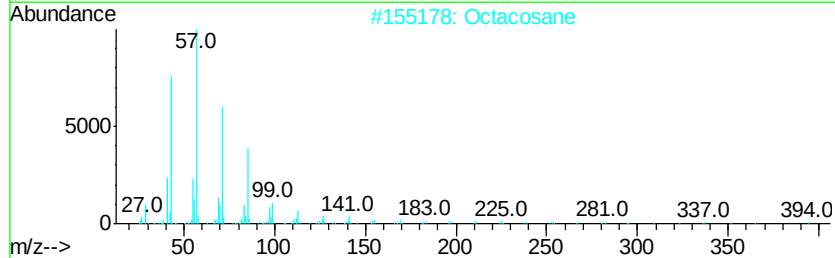
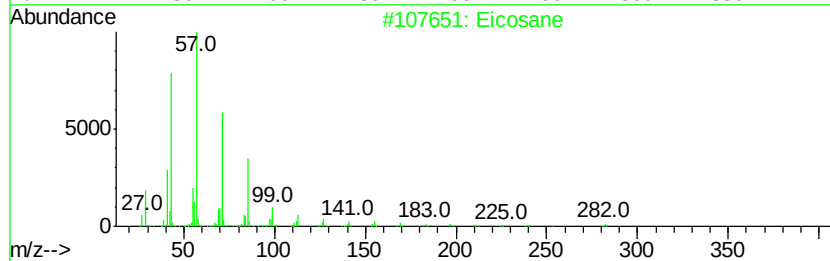
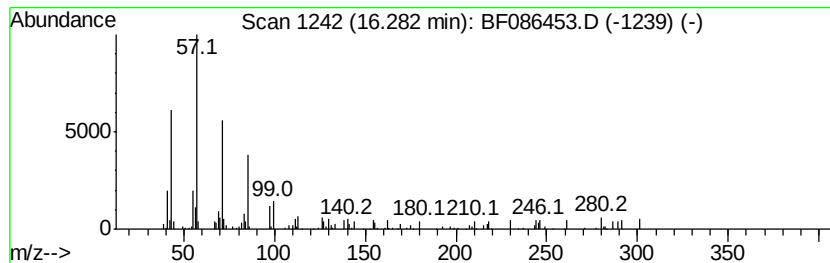
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	3.05 ng	82656	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	60
2		Octacosane	394	C28H58	000630-02-4	53
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49
4		Heptacosane	380	C27H56	000593-49-7	49
5		Tetratriacontane	479	C34H70	014167-59-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086453.D
Acq On : 28 Apr 2016 5:14
Operator : UM/SJ
Sample : H2707-04
Misc :
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ClientSampleId :
RICHMOND-AMBOY-SB07(0.5-6.0)

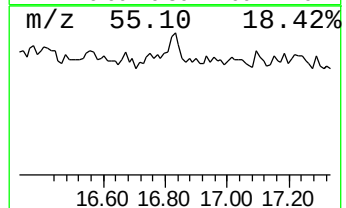
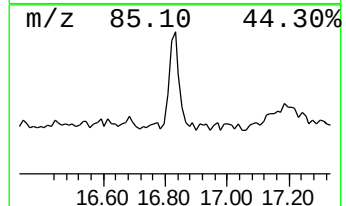
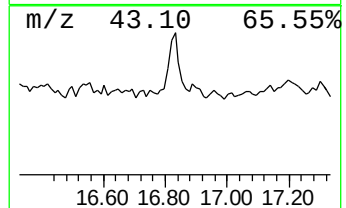
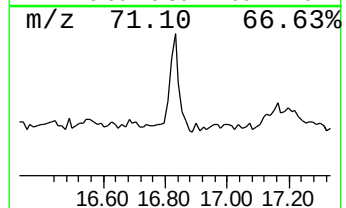
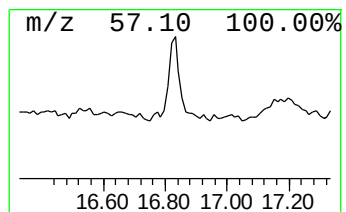
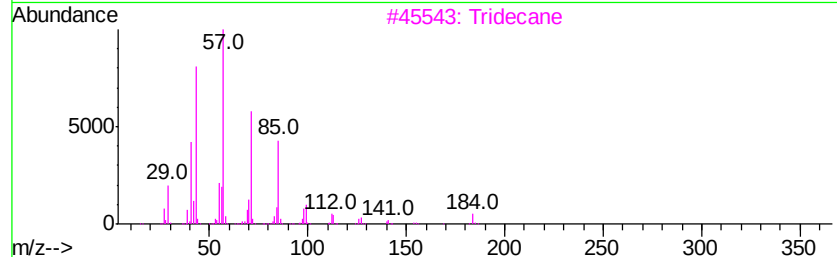
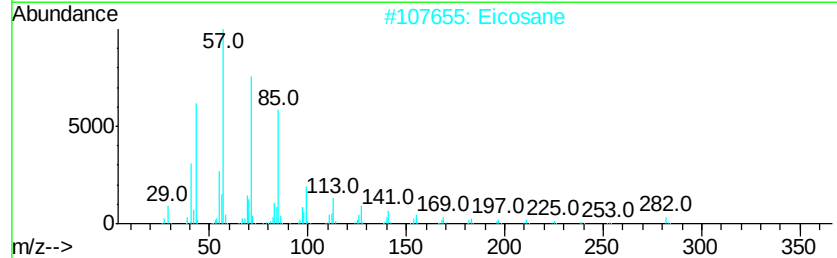
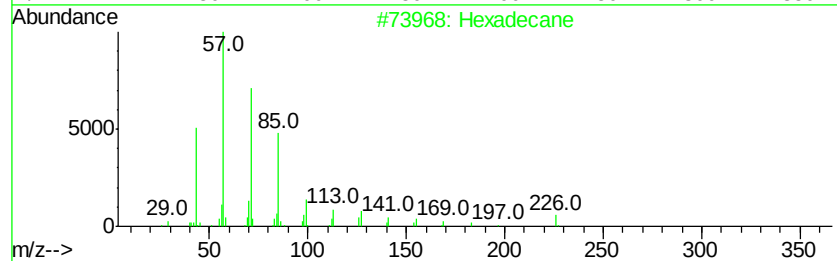
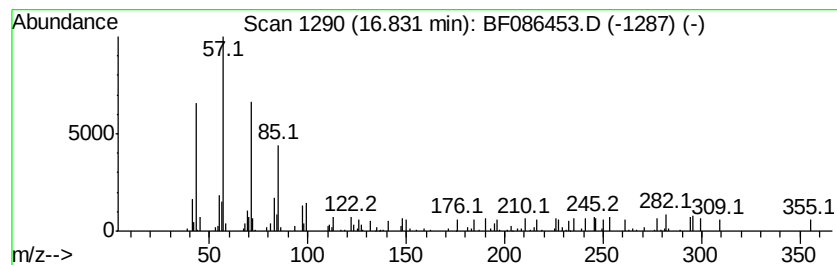
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.78 ng	75162	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	64
2		Eicosane	282	C20H42	000112-95-8	62
3		Tridecane	184	C13H28	000629-50-5	58
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	58
5		Tritriacontane, 15,19-dimethyl-	493	C35H72	056987-80-5	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086453.D
Acq On : 28 Apr 2016 5:14
Operator : UM/SJ
Sample : H2707-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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--			
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unknown6.58	6.58	113.1	ng	4480390	1	6.81	792239	20.0
Hexanoic acid, 2-...	7.47	2.3	ng	105046	2	8.09	920521	20.0
Heptadecane, 9-oc...	13.49	2.1	ng	96038	5	13.95	895797	20.0
Tritetracontane	13.81	4.3	ng	191506	5	13.95	895797	20.0
unknown14.73	14.73	2.1	ng	57722	6	15.37	541401	20.0
Nonadecane	15.05	2.4	ng	65882	6	15.37	541401	20.0
Tetratetracontane	15.81	2.3	ng	61739	6	15.37	541401	20.0
Eicosane	16.28	3.0	ng	82656	6	15.37	541401	20.0
Hexadecane	16.83	2.8	ng	75162	6	15.37	541401	20.0