

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086458.D
 Acq On : 28 Apr 2016 7:37
 Operator : UM/SJ
 Sample : H2707-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB10(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	5.001	252	255	260	rBV	94537	154674	3.37%	0.400%
2	5.401	287	290	293	rBV	3449573	4173612	91.04%	10.784%
3	6.441	378	381	384	rBV	3126760	4461269	97.32%	11.527%
4	6.579	390	393	395	rBV	3791805	4584218	100.00%	11.845%
5	6.807	411	413	415	rBV	847059	871965	19.02%	2.253%
6	6.967	424	427	429	rBV	2560040	3372751	73.57%	8.715%
7	7.367	459	462	465	rBV	1959649	2539099	55.39%	6.561%
8	7.470	470	471	478	rVB	37265	71210	1.55%	0.184%
9	8.087	523	525	528	rBV	1007511	1019513	22.24%	2.634%
10	9.173	617	620	622	rBV	3163031	3743453	81.66%	9.673%
11	9.562	652	654	656	rBV	368400	312498	6.82%	0.807%
12	9.847	676	679	681	rBV	636695	859432	18.75%	2.221%
13	10.282	716	717	718	rVB	73622	50505	1.10%	0.130%
14	10.625	745	747	750	rBV2	1468607	1857580	40.52%	4.800%
15	10.750	756	758	765	rVB	91553	114875	2.51%	0.297%
16	11.322	806	808	812	rBV	753486	729982	15.92%	1.886%
17	12.739	929	932	935	rBV	42622	51167	1.12%	0.132%
18	12.911	944	947	962	rBV	2873845	2928812	63.89%	7.568%
19	13.151	964	968	970	rBV	72993	104223	2.27%	0.269%
20	13.402	987	990	991	rBV2	35068	58055	1.27%	0.150%
21	13.448	991	994	996	rVV3	36288	72601	1.58%	0.188%
22	13.494	996	998	1000	rVB	104673	133455	2.91%	0.345%
23	13.756	1018	1021	1023	rBV	57403	81678	1.78%	0.211%
24	13.814	1023	1026	1035	rVV3	700729	1135249	24.76%	2.933%
25	13.951	1035	1038	1043	rBV	872868	1170935	25.54%	3.026%
26	14.065	1045	1048	1050	rBV	192659	202766	4.42%	0.524%
27	14.134	1052	1054	1056	rBV	426551	385488	8.41%	0.996%
28	14.442	1078	1081	1087	rBV	417987	773494	16.87%	1.999%
29	14.591	1092	1094	1096	rVV	57341	62909	1.37%	0.163%
30	14.671	1099	1101	1104	rVB2	49842	53418	1.17%	0.138%
31	14.728	1104	1106	1108	rBV	356933	425592	9.28%	1.100%
32	15.048	1131	1134	1136	rBV	347536	404282	8.82%	1.045%
33	15.368	1159	1162	1164	rBV	379995	578959	12.63%	1.496%
34	15.402	1164	1165	1169	rVB	197227	230697	5.03%	0.596%

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RICHMOND-AMBOY-SB10(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

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

35	15.597	1179	1182	1184	rBV	35171	54323	1.19%	0.140%
36	15.814	1198	1201	1203	rBV	136043	205954	4.49%	0.532%
37	16.282	1239	1242	1243	rBV	61716	114620	2.50%	0.296%
38	16.774	1281	1285	1287	rBV	48148	105854	2.31%	0.274%
39	16.831	1287	1290	1292	rVB	35066	66129	1.44%	0.171%
40	17.471	1343	1346	1352	rVB	35396	91439	1.99%	0.236%
41	19.186	1491	1496	1502	rVB4	94339	293136	6.39%	0.757%

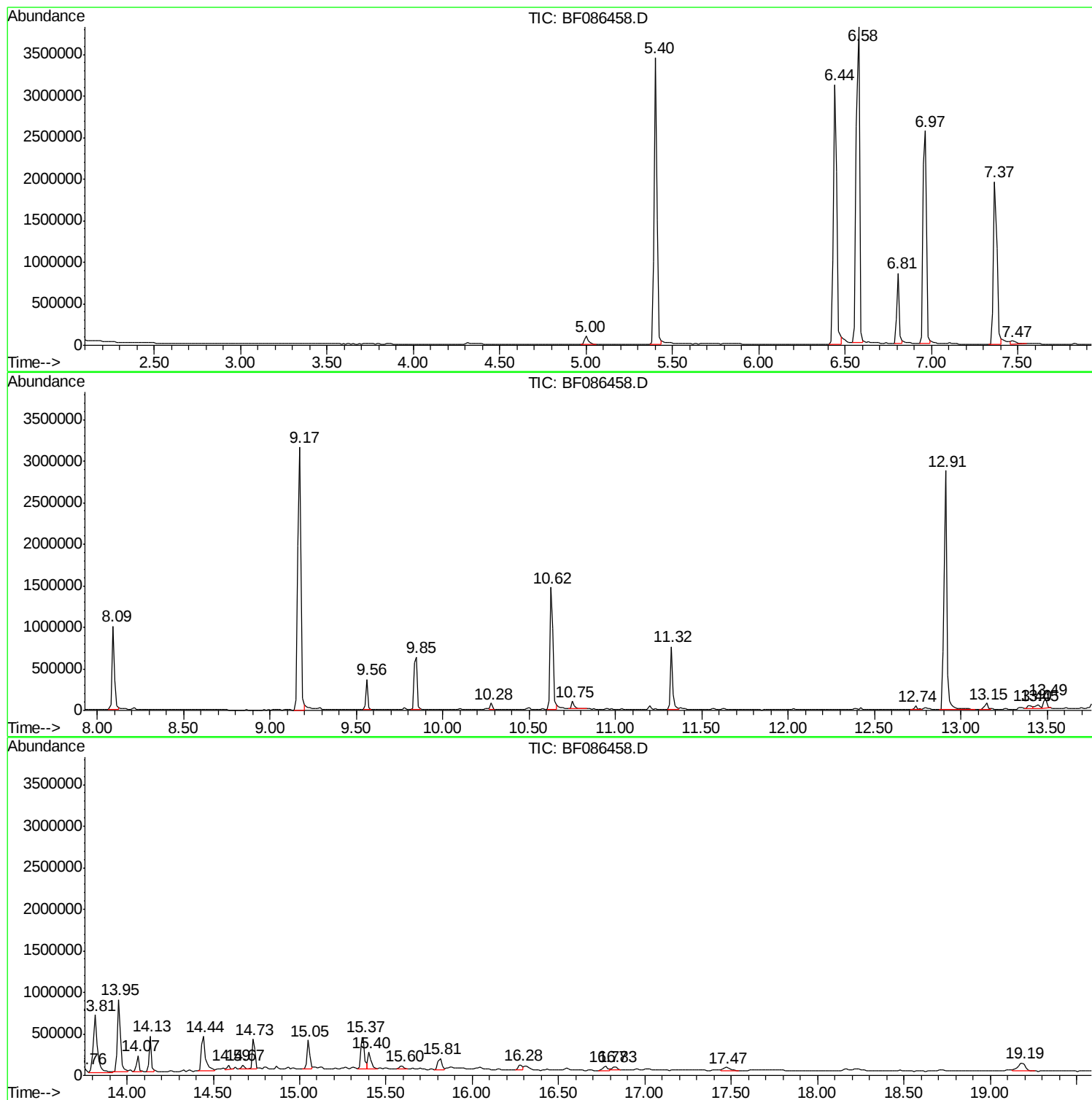
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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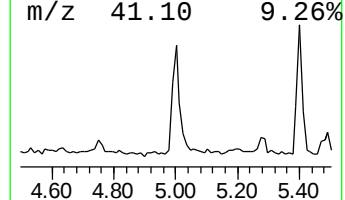
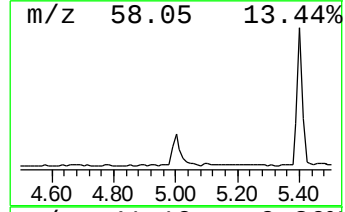
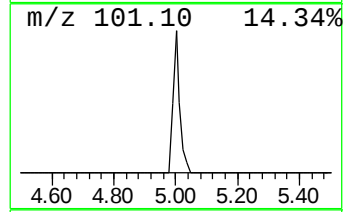
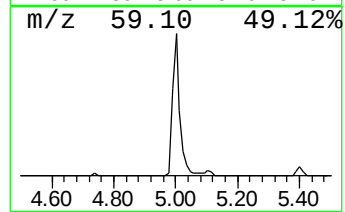
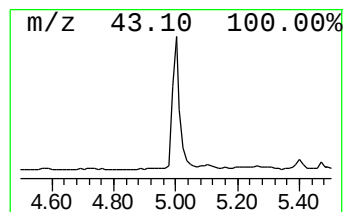
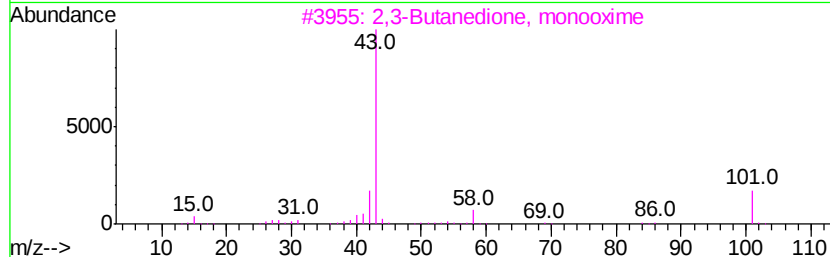
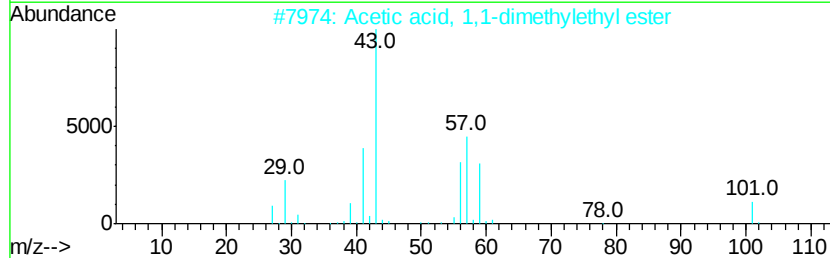
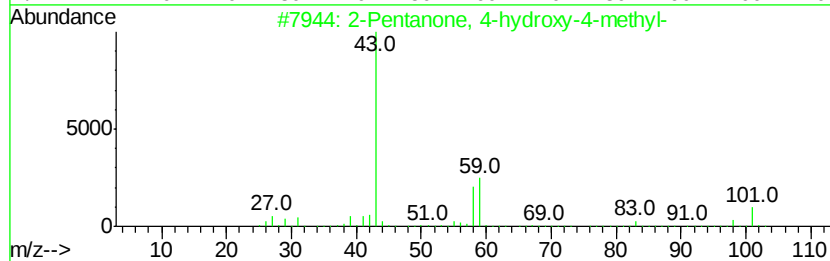
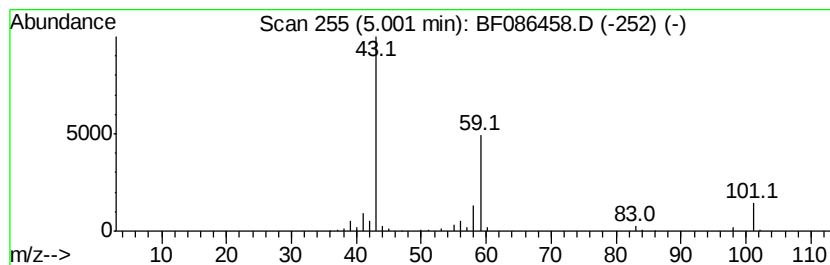
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.55 ng	154674	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4			Butane	58	C4H10	000106-97-8	9
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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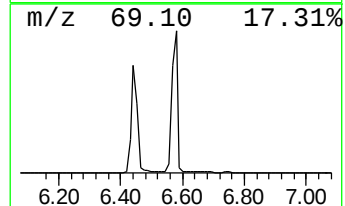
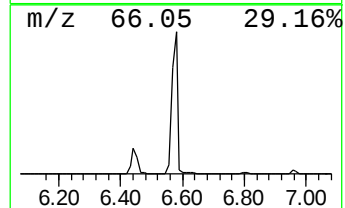
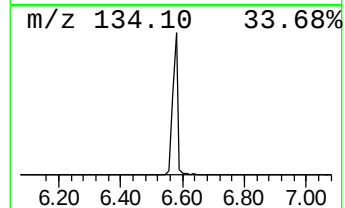
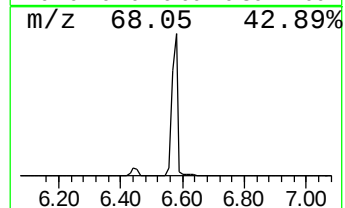
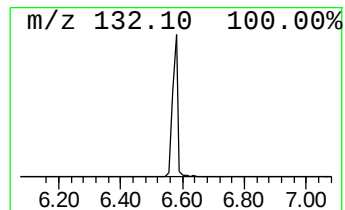
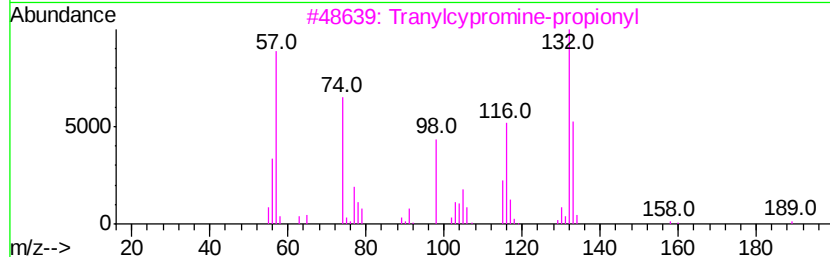
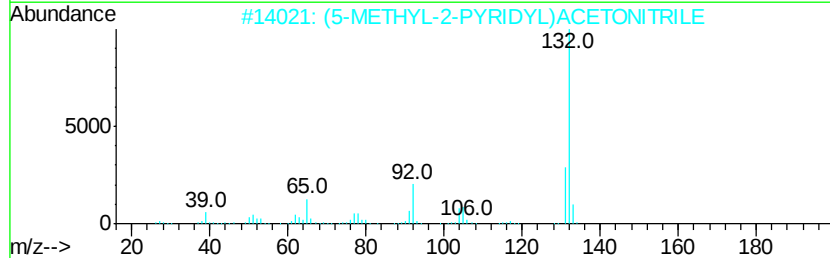
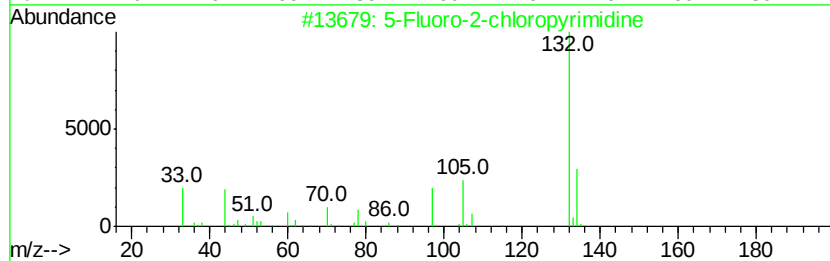
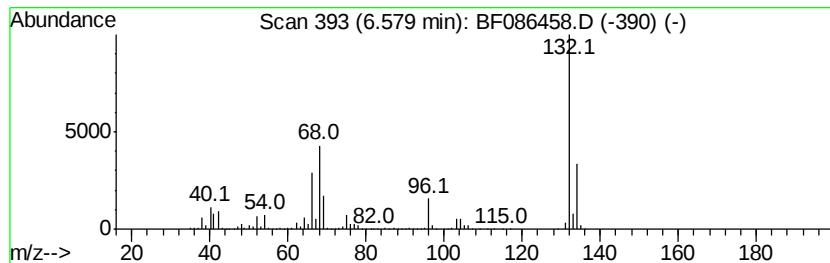
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Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	105.15 ng	4584220	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
3		Tranvlcypramine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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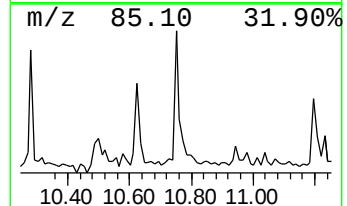
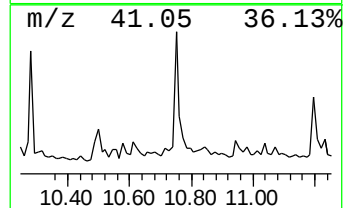
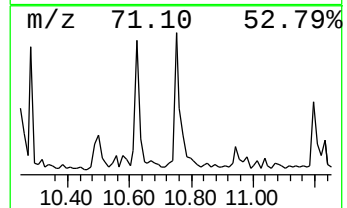
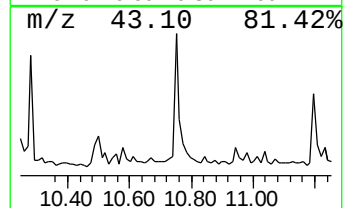
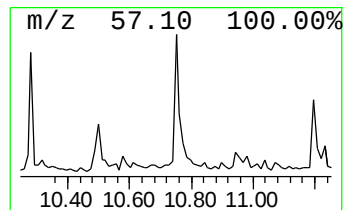
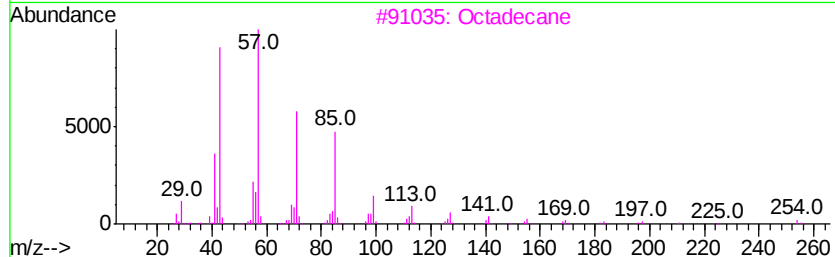
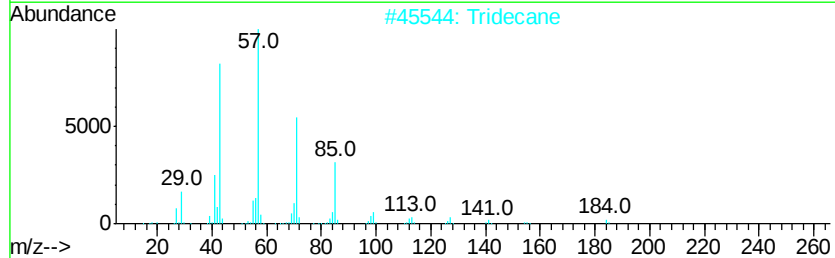
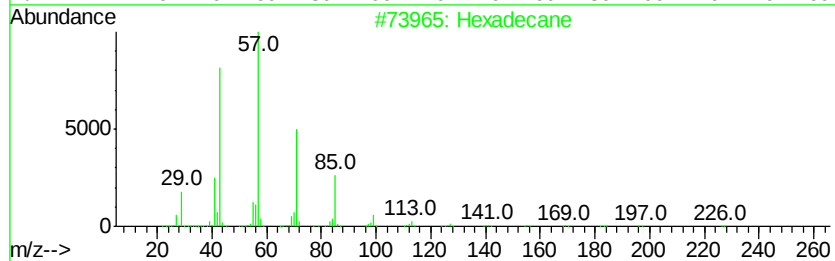
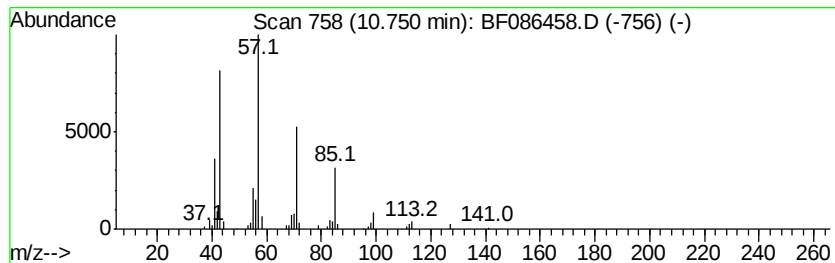
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	3.15 ng	114875	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane	184	C13H28	000629-50-5	86
3		Octadecane	254	C18H38	000593-45-3	72
4		Pentadecane	212	C15H32	000629-62-9	59
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53



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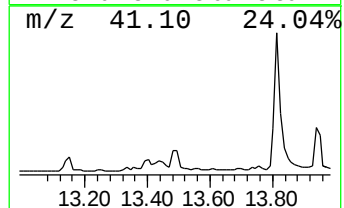
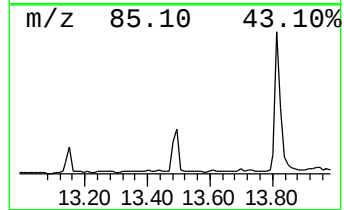
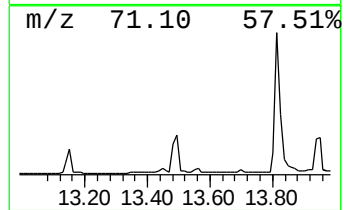
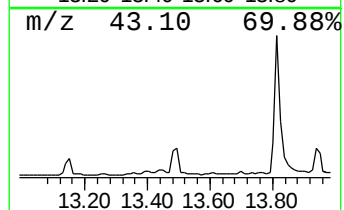
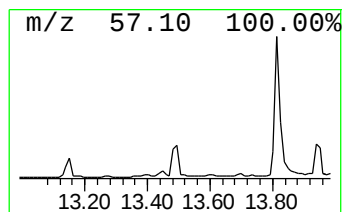
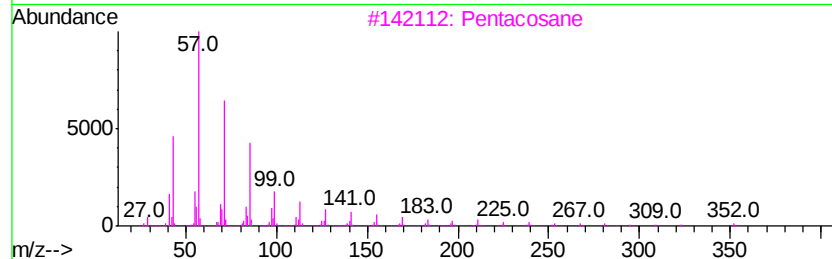
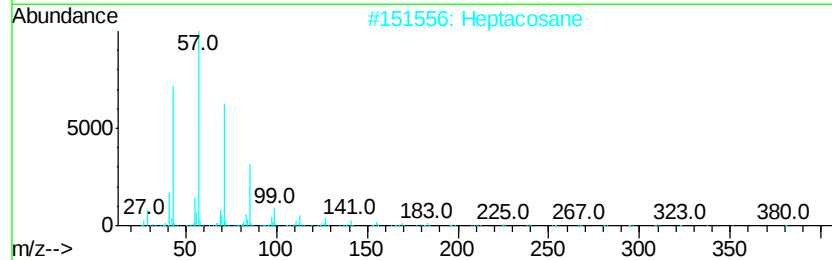
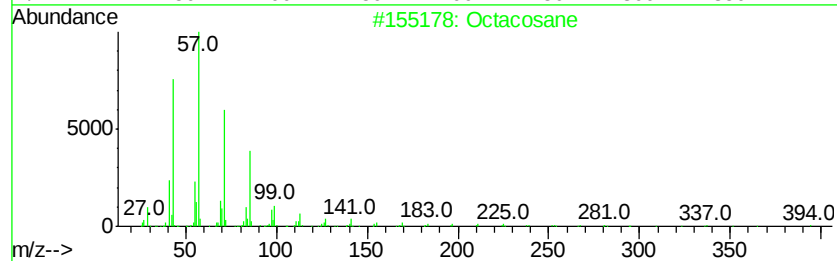
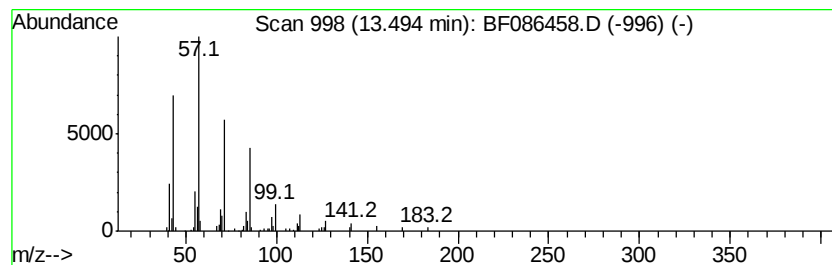
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.28 ng	133455	Chrysene-d12	13.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Heptacosane		380	C27H56	000593-49-7	91
3	Pentacosane		352	C25H52	000629-99-2	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Eicosane		282	C20H42	000112-95-8	91



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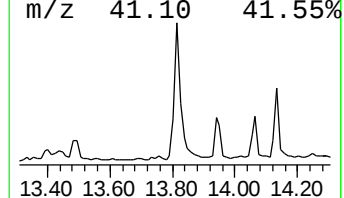
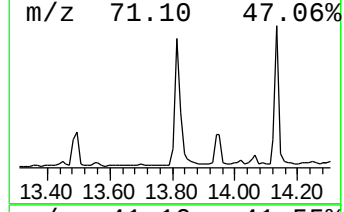
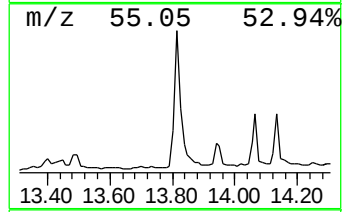
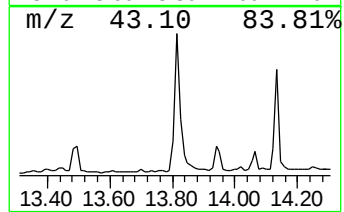
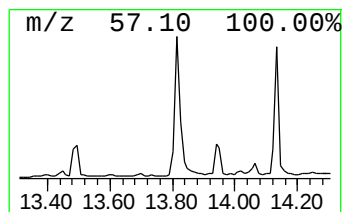
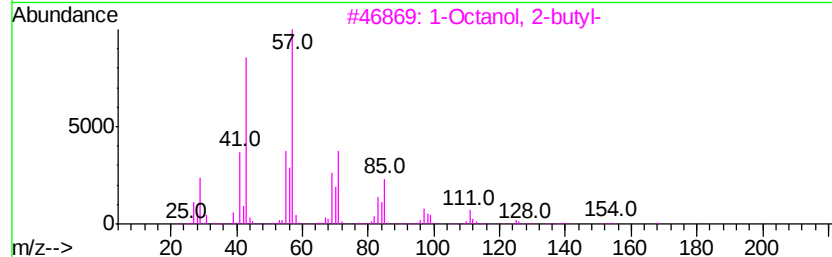
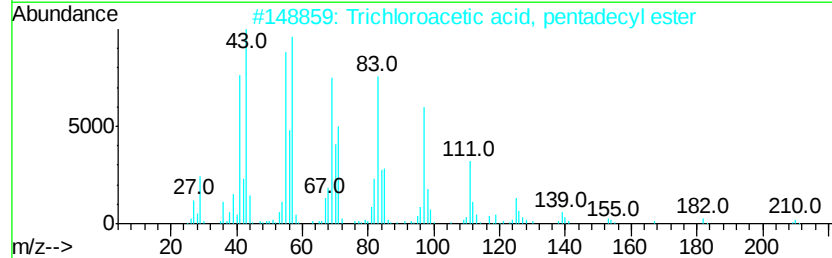
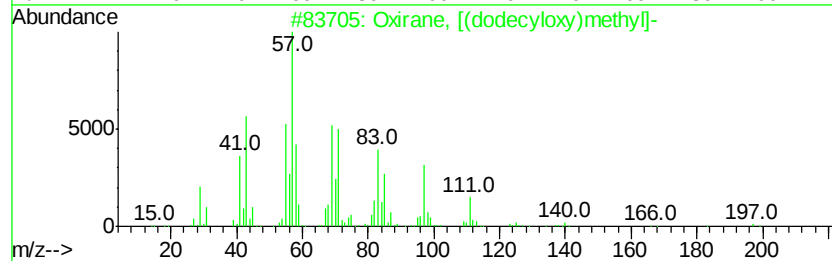
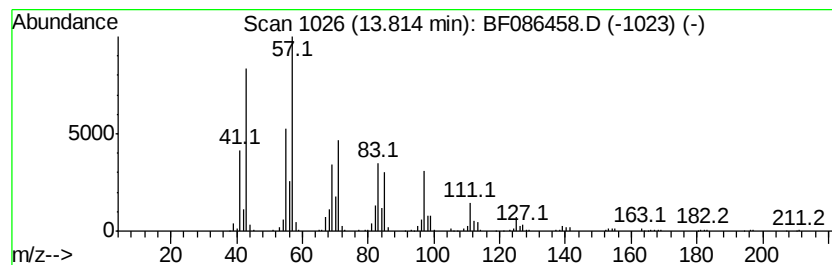
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RICHMOND-AMBOY-SB10(0.5-6.0)

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

Peak Number 6 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.81	19.39 ng	1135250	Chrysene-d12	13.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	90
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	70
3		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	58
5		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086458.D
Acq On : 28 Apr 2016 7:37
Operator : UM/SJ
Sample : H2707-10
Misc :
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ClientSampleId :
RICHMOND-AMBOY-SB10(0.5-6.0)

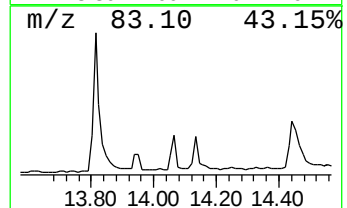
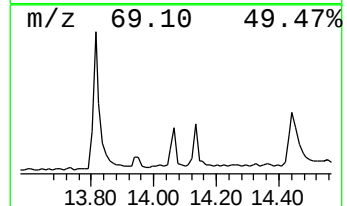
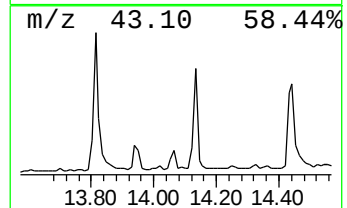
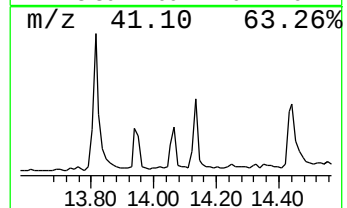
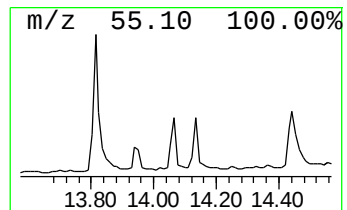
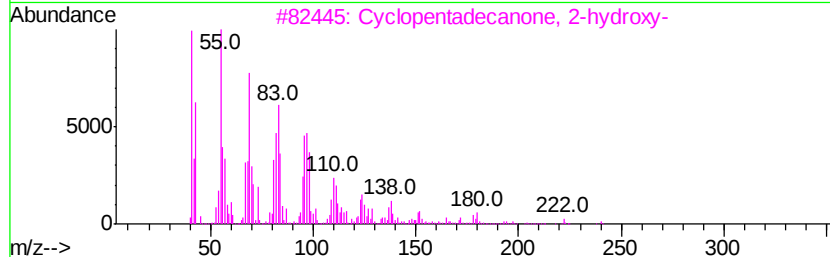
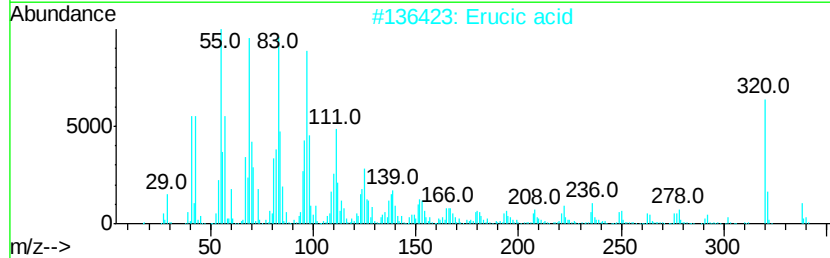
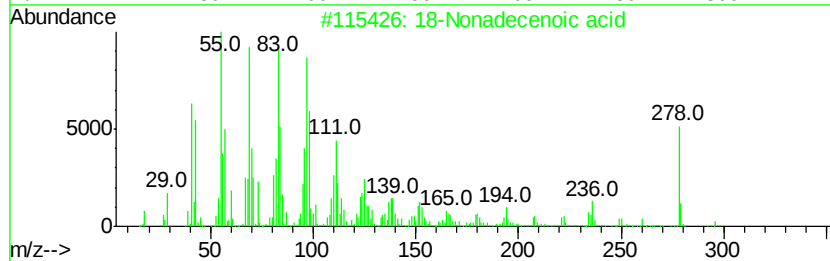
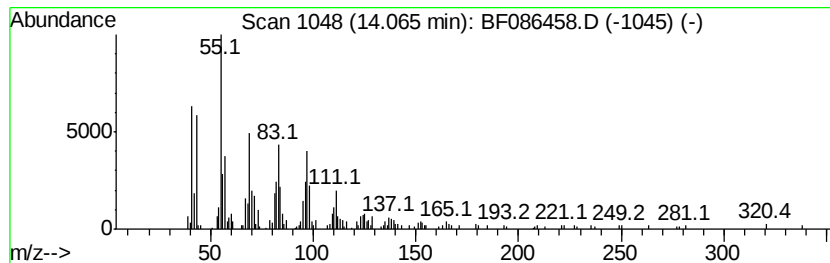
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 18-Nonadecenoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	3.46 ng	202766	Chrysene-d12	13.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		18-Nonadecenoic acid	296	C19H36O2	076998-87-3	80
2		Erucic acid	338	C22H42O2	000112-86-7	70
3		Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	58
4		Cyclododecanemethanol	198	C13H26O	001892-12-2	52
5		1-Eicosanol	298	C20H42O	000629-96-9	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
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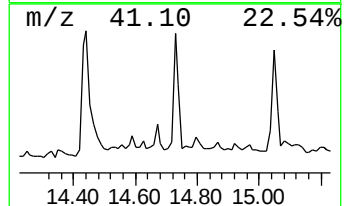
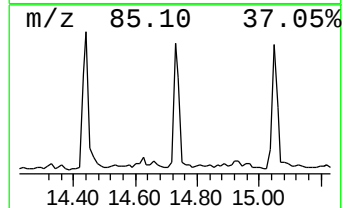
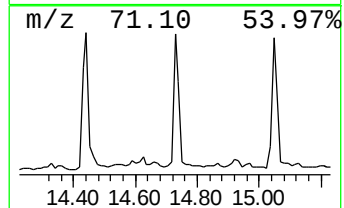
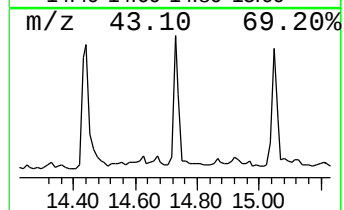
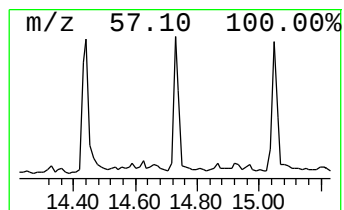
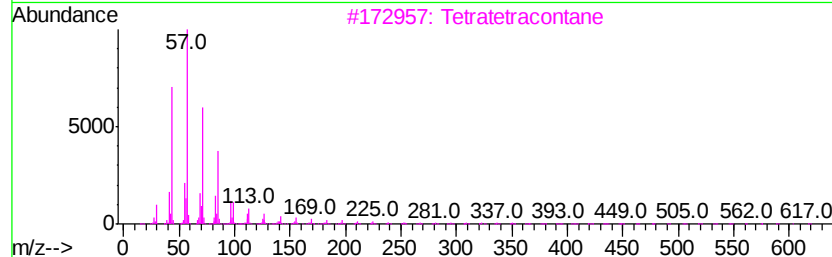
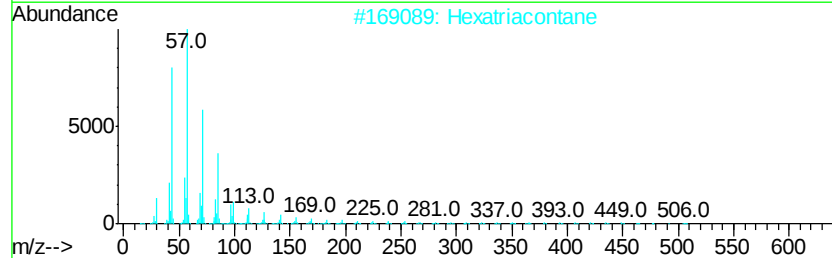
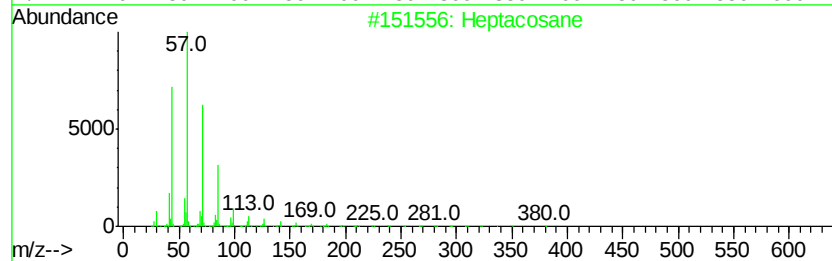
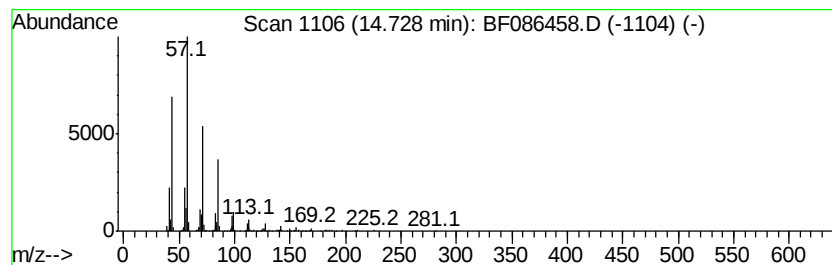
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	14.70 ng	425592	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086458.D
Acq On : 28 Apr 2016 7:37
Operator : UM/SJ
Sample : H2707-10
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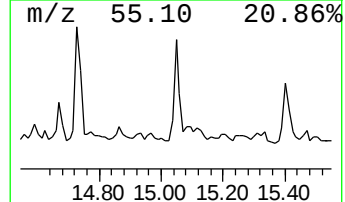
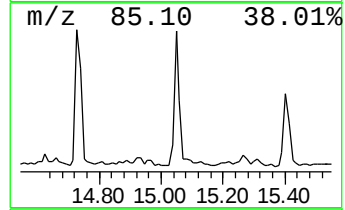
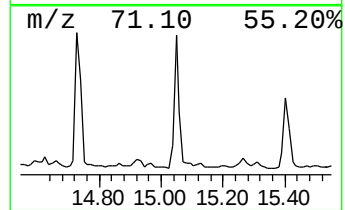
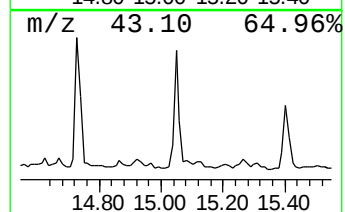
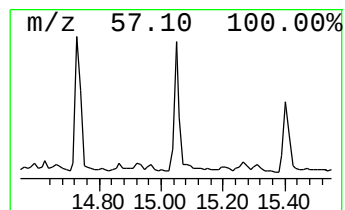
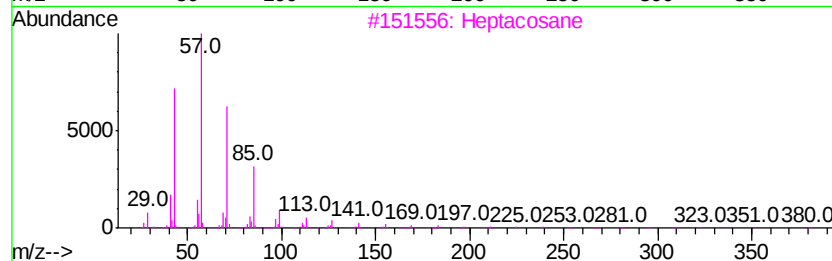
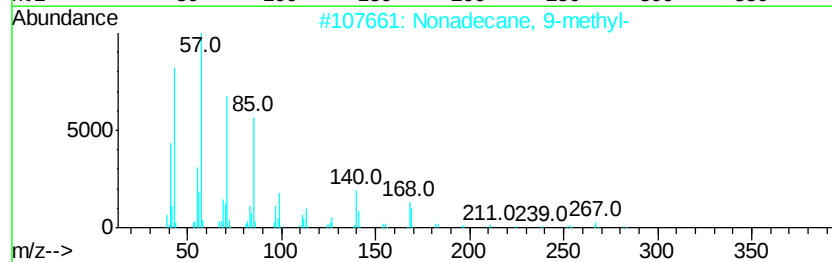
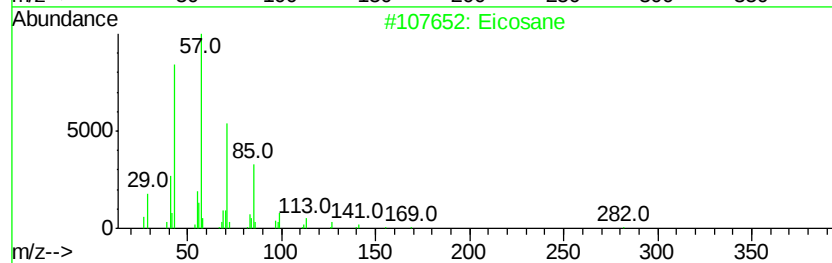
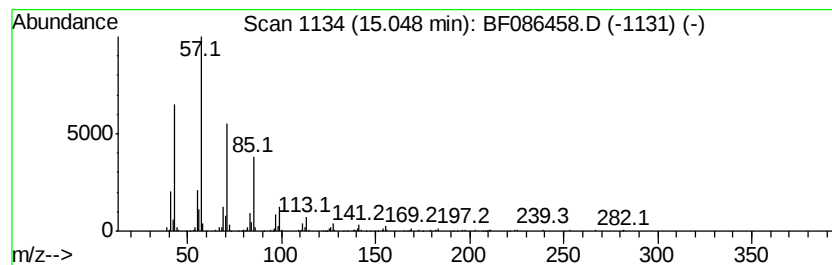
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	13.97 ng	404282	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086458.D
Acq On : 28 Apr 2016 7:37
Operator : UM/SJ
Sample : H2707-10
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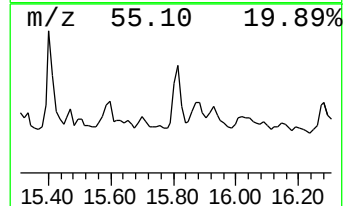
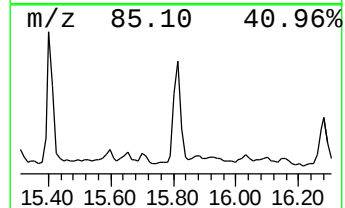
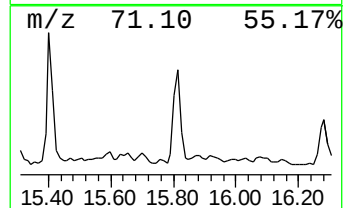
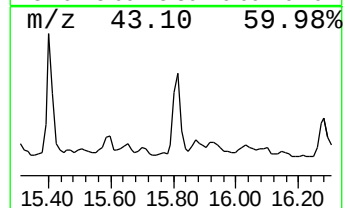
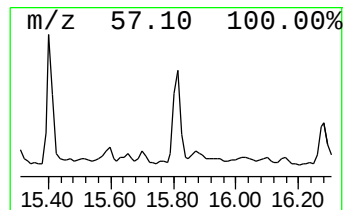
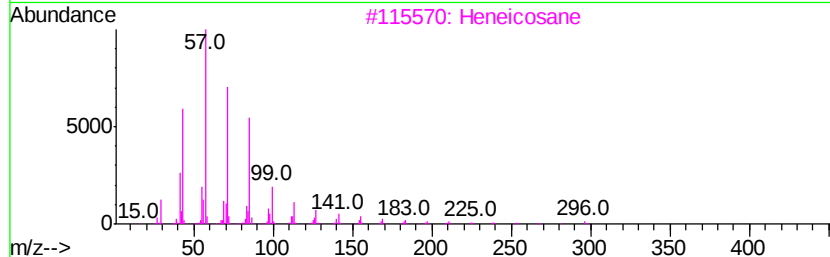
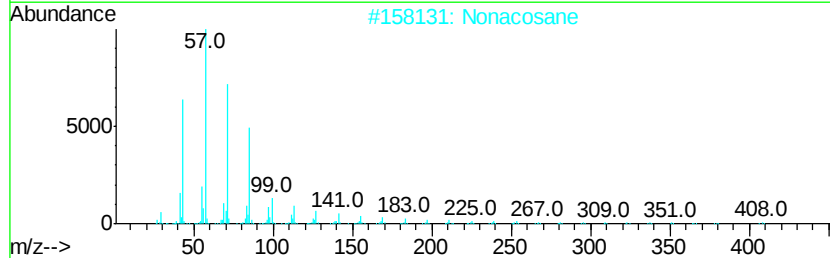
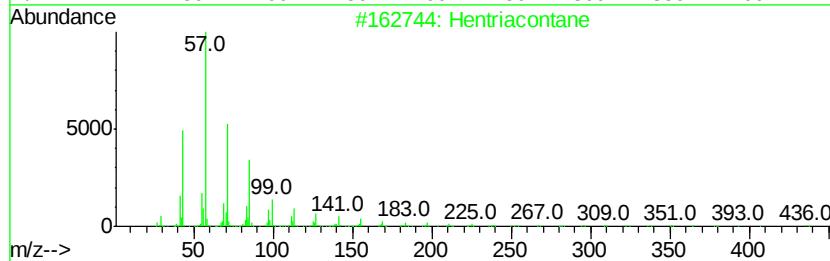
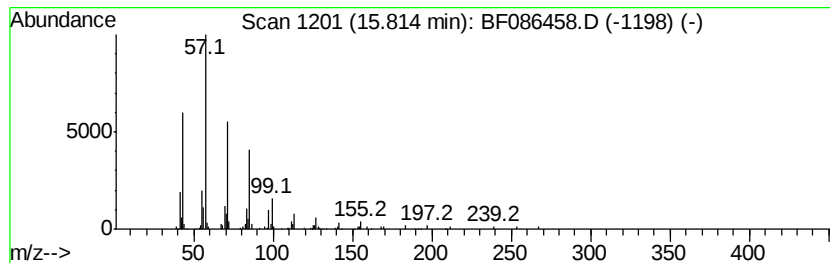
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	7.11 ng	205954	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
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Acq On : 28 Apr 2016 7:37
Operator : UM/SJ
Sample : H2707-10
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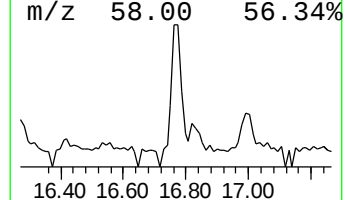
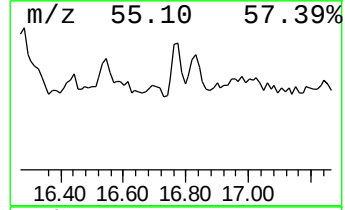
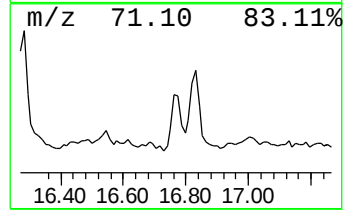
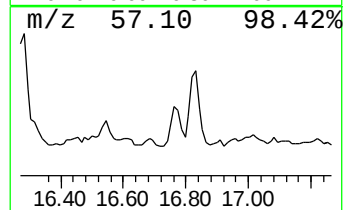
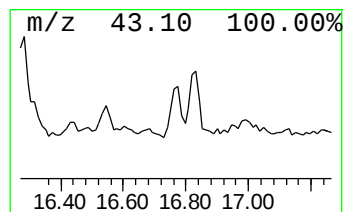
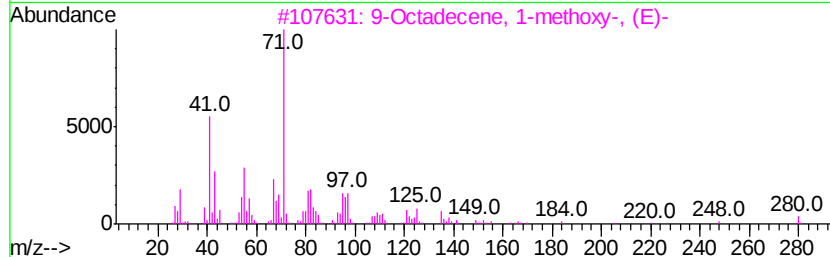
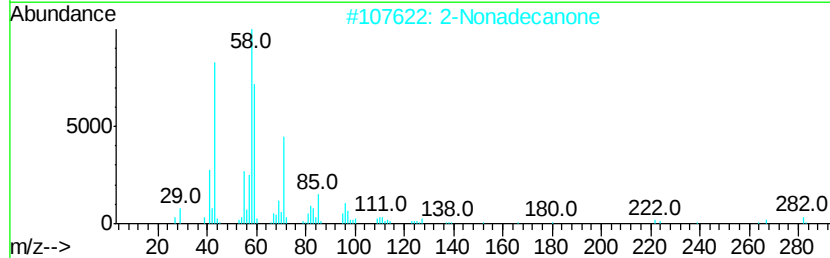
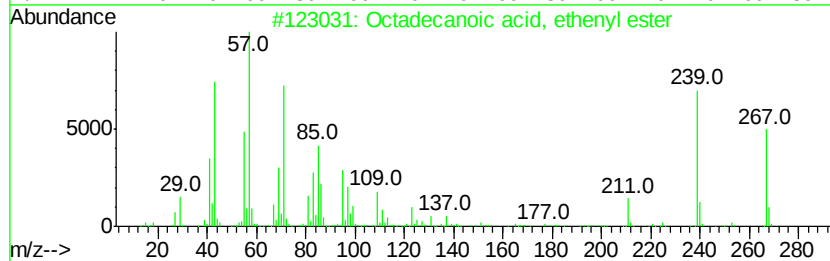
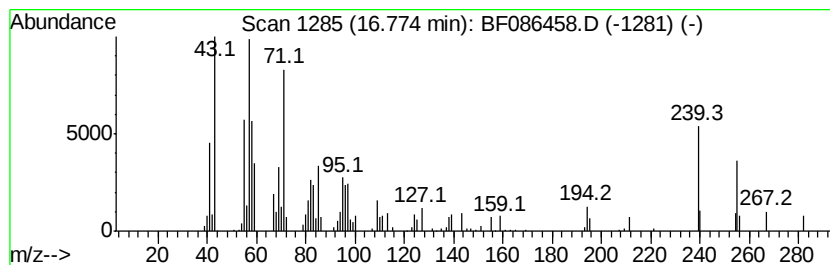
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanoic acid, ethenyl ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	3.66 ng	105854	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, ethenyl ester	310	C20H38O2	000111-63-7	53
2			2-Nonadecanone	282	C19H38O	000629-66-3	46
3			9-Octadecene, 1-methoxy-, (E)-	282	C19H38O	056847-01-9	43
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	27
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
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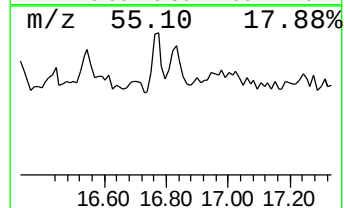
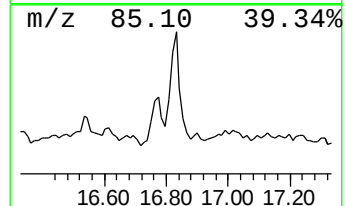
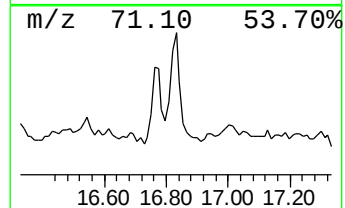
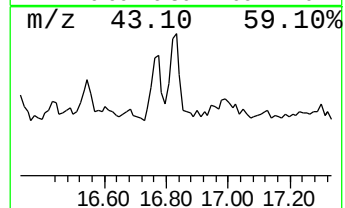
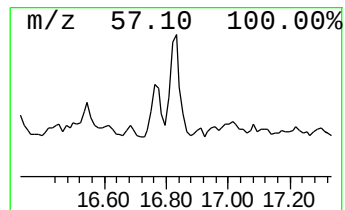
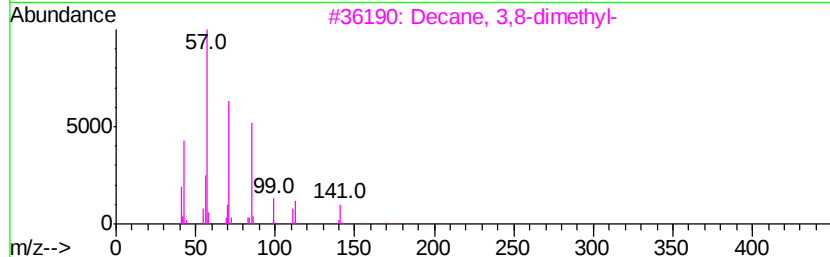
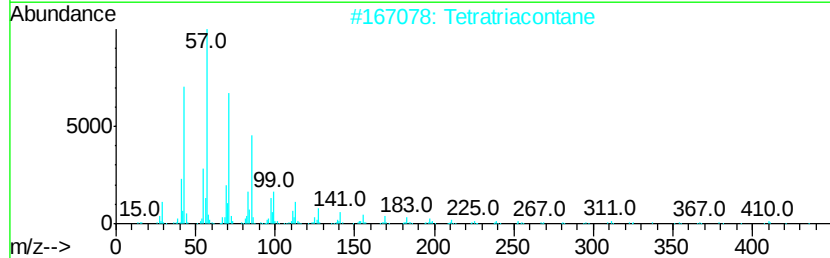
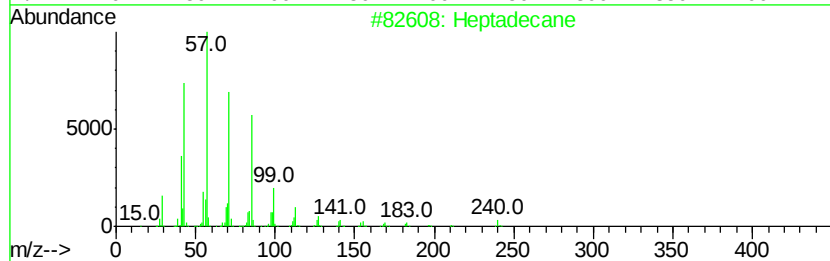
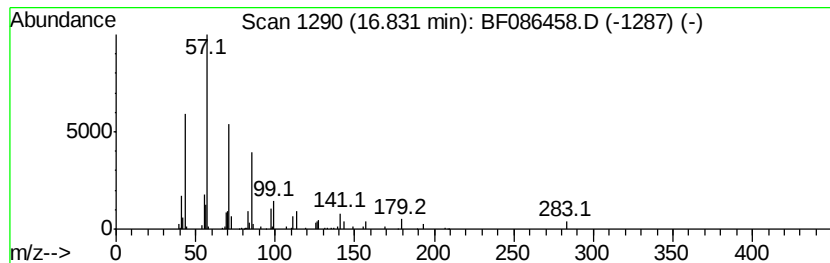
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.83	2.28 ng	66129	Perylene-d12	15.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	80
2	Tetratriacontane	479	C34H70	014167-59-0	72
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4	Eicosane	282	C20H42	000112-95-8	64
5	Nonadecane	268	C19H40	000629-92-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086458.D
Acq On : 28 Apr 2016 7:37
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Sample : H2707-10
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RICHMOND-AMBOY-SB10(0.5-6.0)

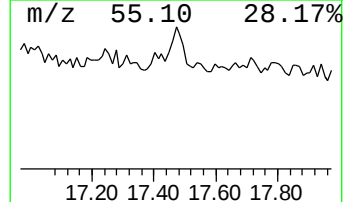
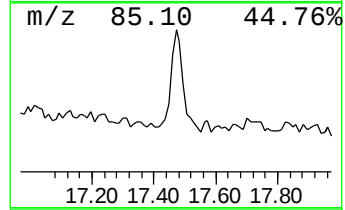
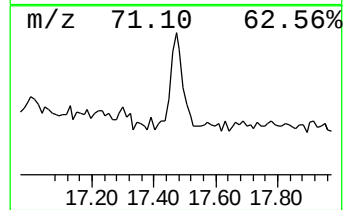
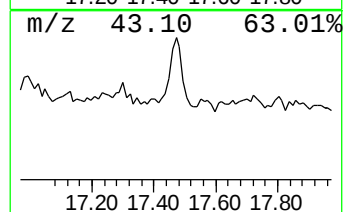
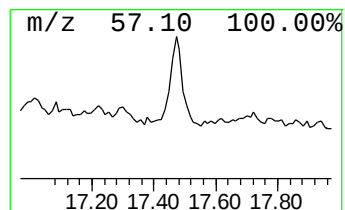
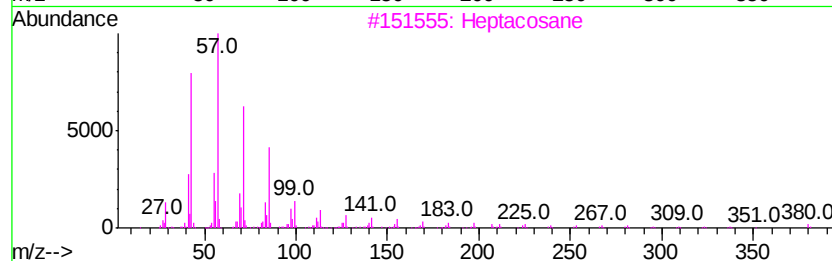
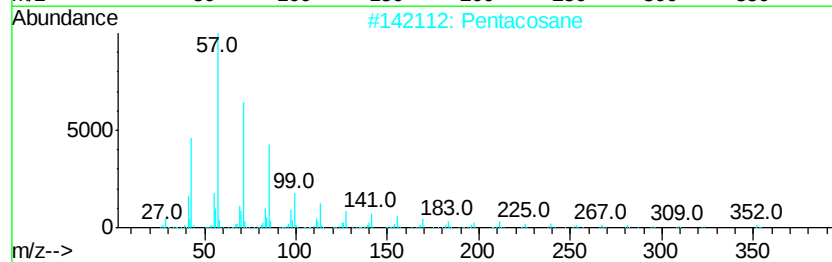
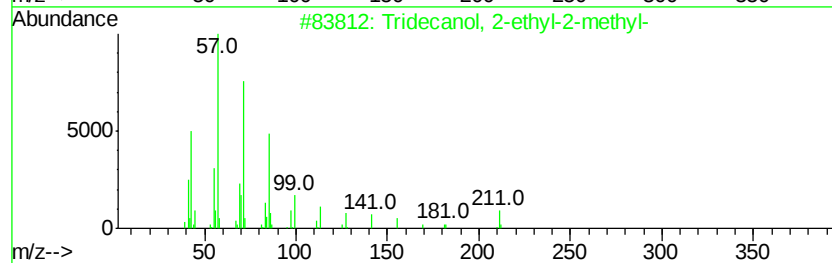
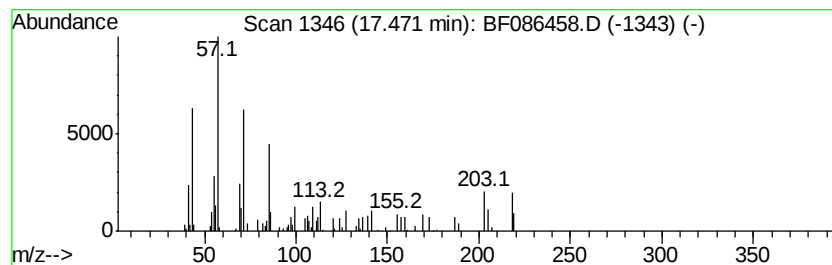
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.17 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	3.16 ng	91439	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	49
2			Pentacosane	352	C25H52	000629-99-2	49
3			Heptacosane	380	C27H56	000593-49-7	46
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
5			Triacontane	422	C30H62	000638-68-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086458.D
Acq On : 28 Apr 2016 7:37
Operator : UM/SJ
Sample : H2707-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB10(0.5-6.0)

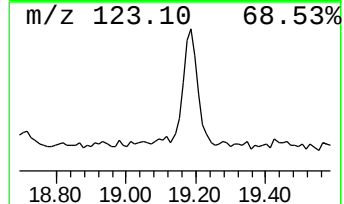
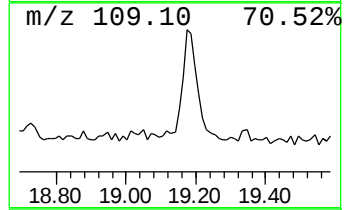
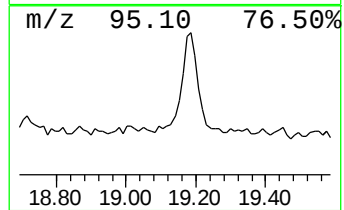
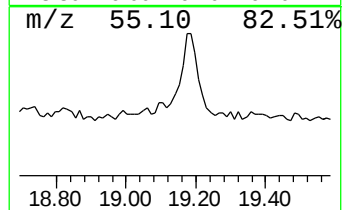
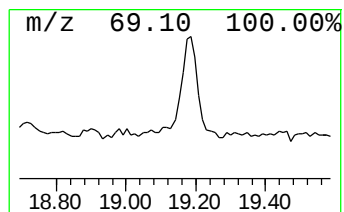
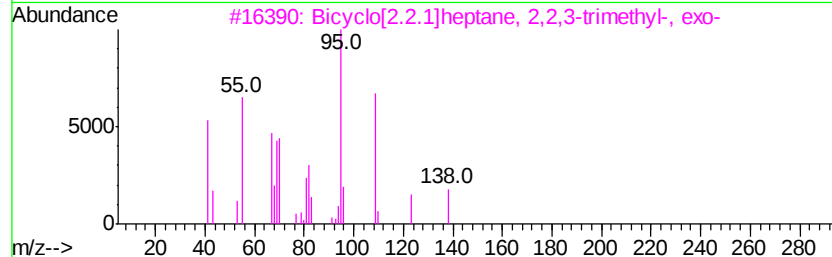
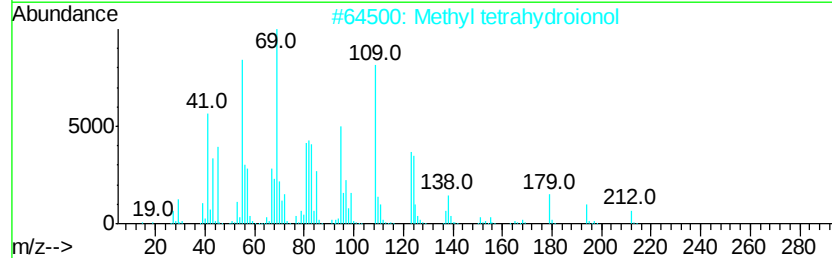
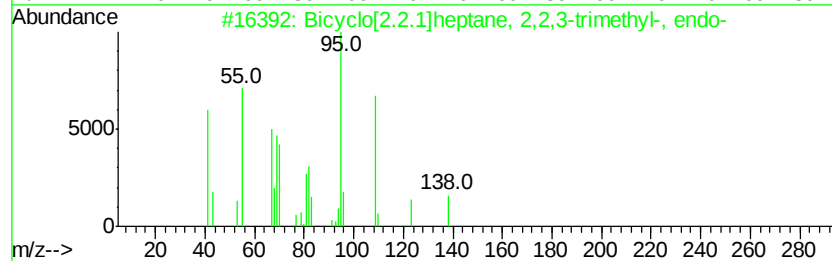
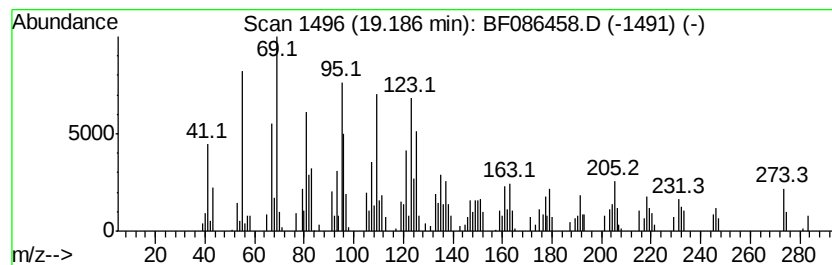
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown19.19 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	10.13 ng	293136	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	42
2			Methyl tetrahydroionol	212	C14H28O	060241-53-4	35
3			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	30
4			Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	25
5			Pentylidenecyclohexane	152	C11H20	039546-79-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
 Data File : BF086458.D
 Acq On : 28 Apr 2016 7:37
 Operator : UM/SJ
 Sample : H2707-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB10(0.5-6.0)

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--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	3.5	ng	154674	1	6.81	871965	20.0
unknown6.58	6.58	105.2	ng	4584220	1	6.81	871965	20.0
Hexadecane	10.75	3.1	ng	114875	4	11.32	729982	20.0
Octacosane	13.49	2.3	ng	133455	5	13.95	1170940	20.0
Oxirane, [(dodecy...	13.81	19.4	ng	1135250	5	13.95	1170940	20.0
18-Nonadecenoic acid	14.07	3.5	ng	202766	5	13.95	1170940	20.0
Heptacosane	14.73	14.7	ng	425592	6	15.37	578959	20.0
Eicosane	15.05	14.0	ng	404282	6	15.37	578959	20.0
Hentriacontane	15.81	7.1	ng	205954	6	15.37	578959	20.0
Octadecanoic acid...	16.77	3.7	ng	105854	6	15.37	578959	20.0
Heptadecane	16.83	2.3	ng	66129	6	15.37	578959	20.0
unknown14.17	17.47	3.2	ng	91439	6	15.37	578959	20.0
unknown19.19	19.19	10.1	ng	293136	6	15.37	578959	20.0