

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091697.D
 Acq On : 17 Dec 2016 2:31
 Operator : UM/SJ
 Sample : H5940-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS05-1FT

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-BF120916.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	3.390	110	114	121	rVB	45037	94564	1.28%	0.152%
2	4.956	247	251	262	rBV	1504197	2501463	33.84%	4.032%
3	5.161	267	269	273	rBV	45469	77837	1.05%	0.125%
4	5.390	285	289	291	rBV	5296332	6944343	93.96%	11.193%
5	6.430	376	380	382	rBV	6023554	7391009	100.00%	11.913%
6	6.544	387	390	393	rBV	5118869	6777068	91.69%	10.923%
7	6.773	408	410	413	rBV	1593519	1479193	20.01%	2.384%
8	6.933	421	424	427	rBV	5380023	5022170	67.95%	8.095%
9	7.344	457	460	462	rBV	4321937	4511728	61.04%	7.272%
10	7.447	465	469	472	rVV	99290	181323	2.45%	0.292%
11	8.065	520	523	525	rBV	2071543	1911571	25.86%	3.081%
12	9.139	614	617	620	rBV	5613224	6179947	83.61%	9.961%
13	9.539	649	652	654	rBV	2481132	2154243	29.15%	3.472%
14	9.813	674	676	678	rVB	2082002	1769964	23.95%	2.853%
15	10.259	710	715	716	rBV3	131959	200483	2.71%	0.323%
16	10.476	730	734	735	rBV	65073	116762	1.58%	0.188%
17	10.602	742	745	748	rBV	3204401	3103231	41.99%	5.002%
18	10.728	754	756	760	rVB	223736	255673	3.46%	0.412%
19	11.173	793	795	796	rBV	154761	128094	1.73%	0.206%
20	11.299	803	806	808	rBV	1228967	1456936	19.71%	2.348%
21	11.333	808	809	810	rVV	106604	92752	1.25%	0.149%
22	11.528	823	826	830	rBV	256744	286657	3.88%	0.462%
23	11.836	851	853	855	rBV	149384	165797	2.24%	0.267%
24	12.499	909	911	913	rVV	83966	80508	1.09%	0.130%
25	12.728	928	931	933	rBV	64011	99267	1.34%	0.160%
26	12.876	942	944	947	rBV	3540334	4479731	60.61%	7.220%
27	13.779	1020	1023	1026	rBV	412096	497784	6.73%	0.802%
28	13.928	1033	1036	1038	rBV	1348048	1455860	19.70%	2.347%
29	14.031	1043	1045	1049	rVB	79668	111347	1.51%	0.179%
30	14.408	1076	1078	1081	rBV	100538	149146	2.02%	0.240%
31	14.842	1114	1116	1117	rBV	118158	144111	1.95%	0.232%
32	15.014	1129	1131	1136	rBV2	212306	453994	6.14%	0.732%
33	15.334	1156	1159	1161	rBV	707799	899928	12.18%	1.450%
34	15.551	1176	1178	1186	rVB3	158145	413055	5.59%	0.666%

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Instrument :
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ClientSampleId :
SS05-1FT

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	15.780	1195	1198	1200	rBV	269290	455432	6.16%	0.734%
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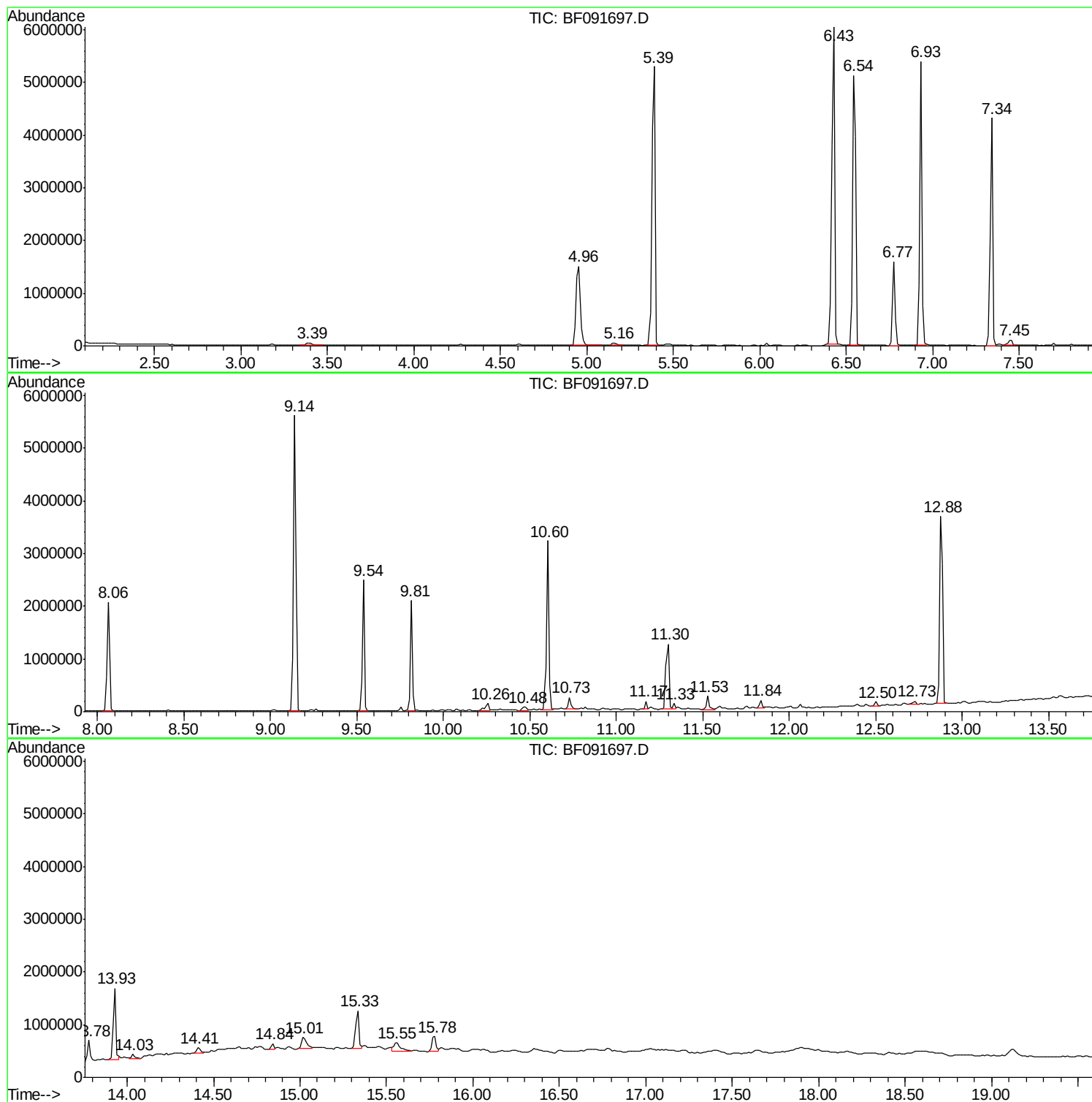
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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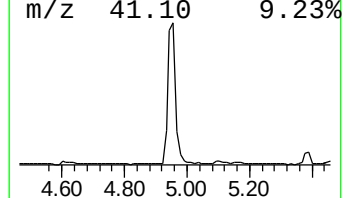
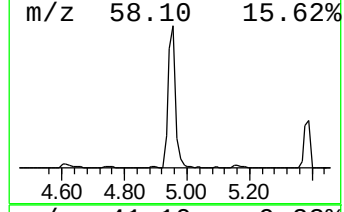
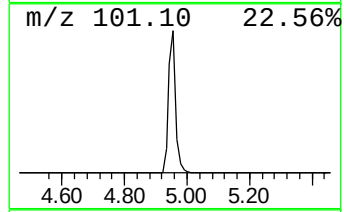
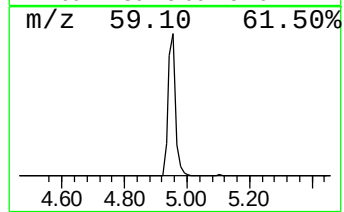
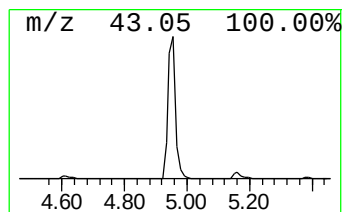
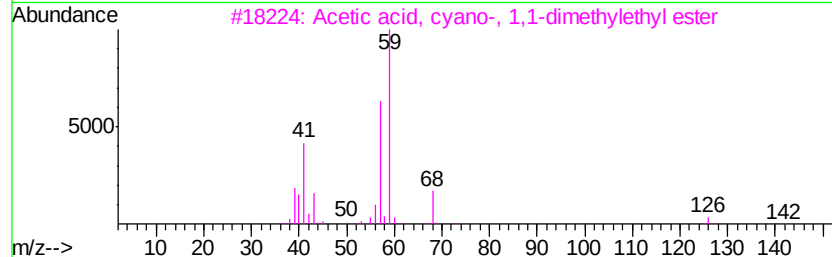
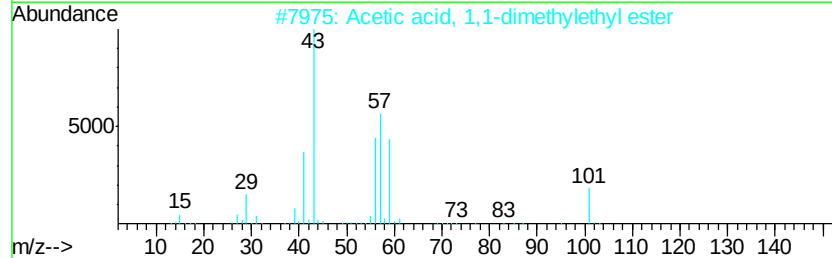
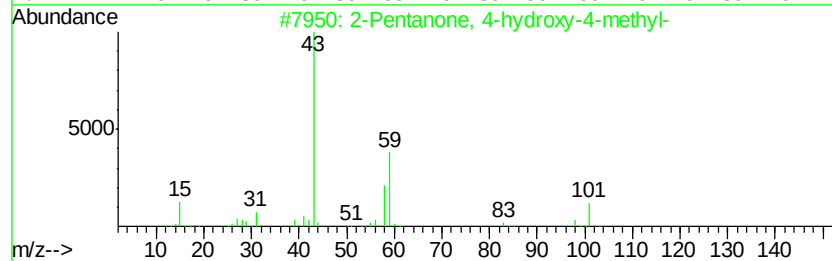
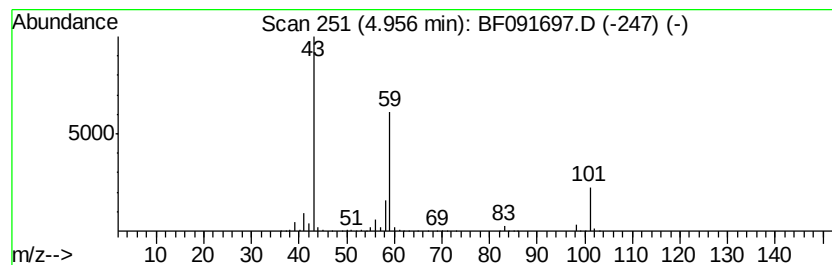
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	33.82 ng	2501460	1,4-Dichlorobenzene-d4	6.77

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	Acetic acid, cyano-, 1,1-dimethyl...			141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime			101	C4H7NO2	000057-71-6	17
5	5-Hexen-2-one			98	C6H10O	000109-49-9	9



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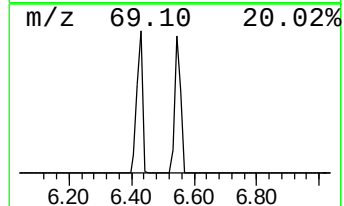
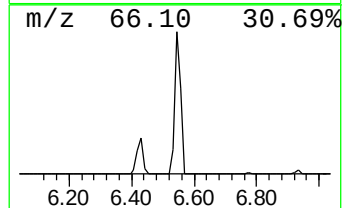
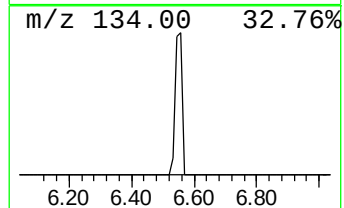
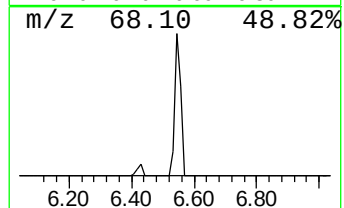
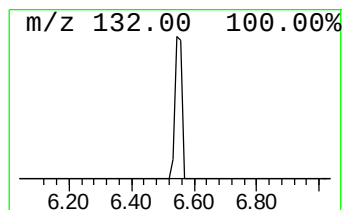
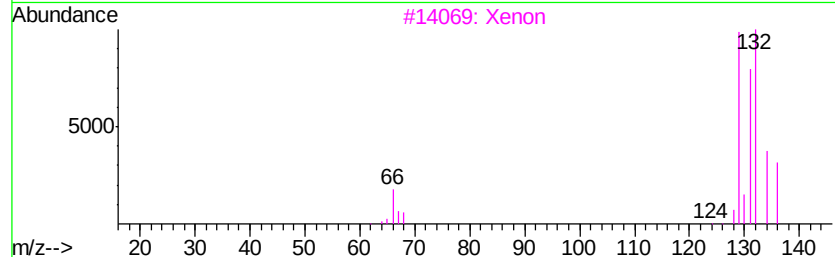
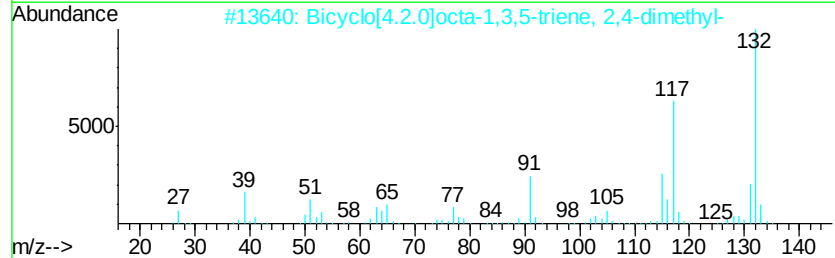
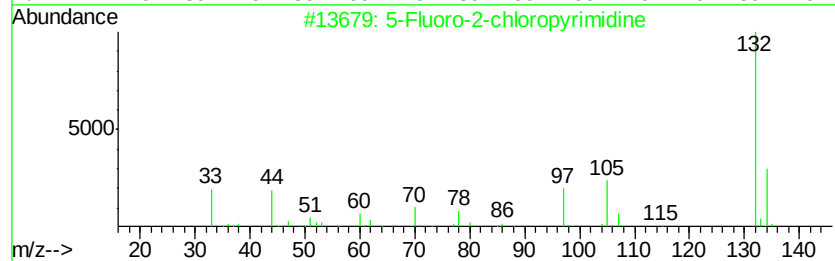
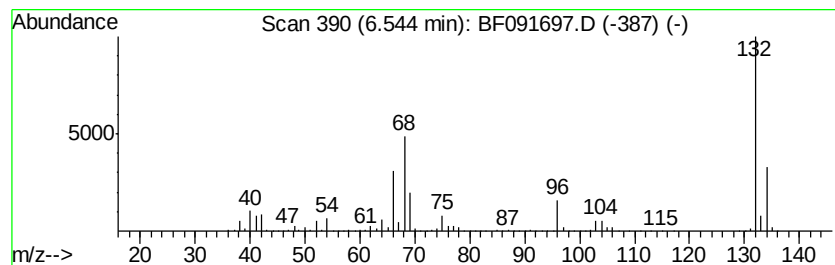
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	91.63 ng	6777070	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		Xenon	132	Xe	007440-63-3	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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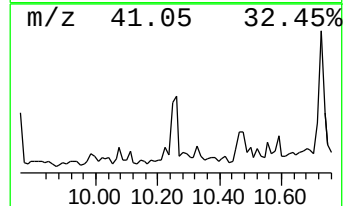
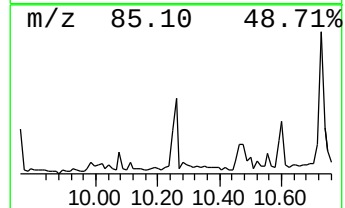
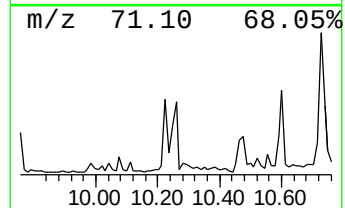
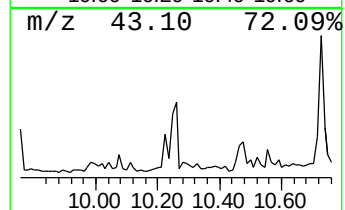
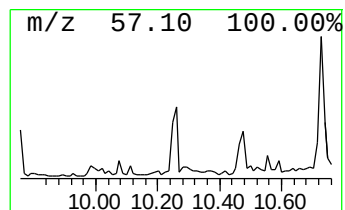
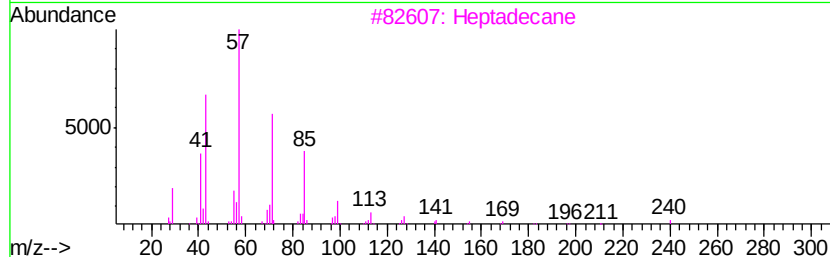
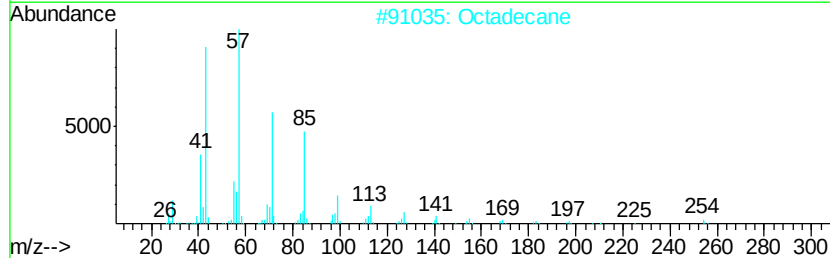
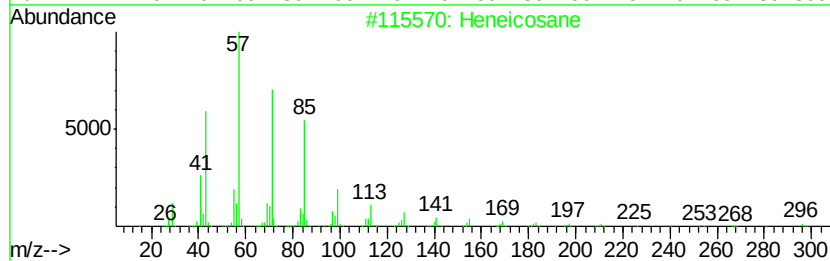
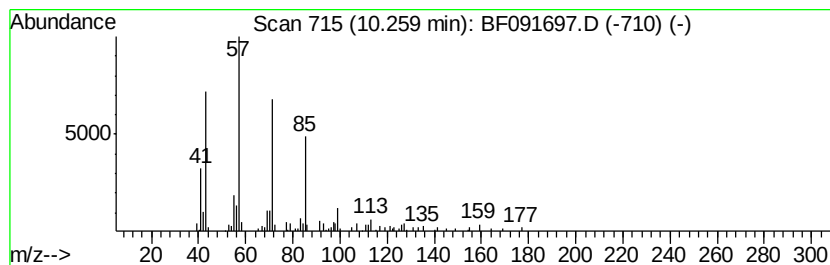
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	2.27 ng	200483	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Octadecane	254	C18H38	000593-45-3	87
3		Heptadecane	240	C17H36	000629-78-7	87
4		Pentadecane	212	C15H32	000629-62-9	86
5		Tetradecane	198	C14H30	000629-59-4	86



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Misc :
ALS Vial : 26 Sample Multiplier: 1

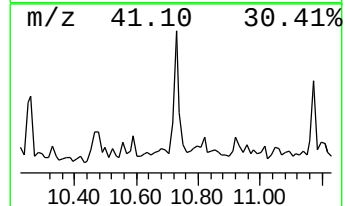
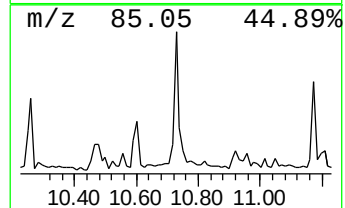
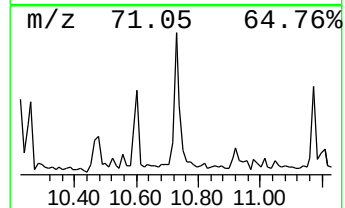
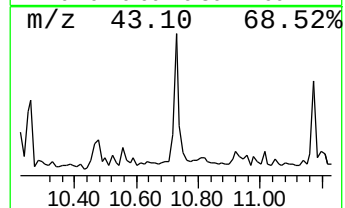
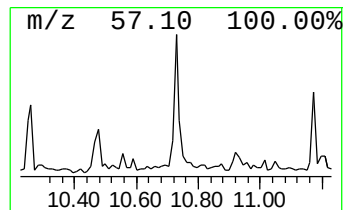
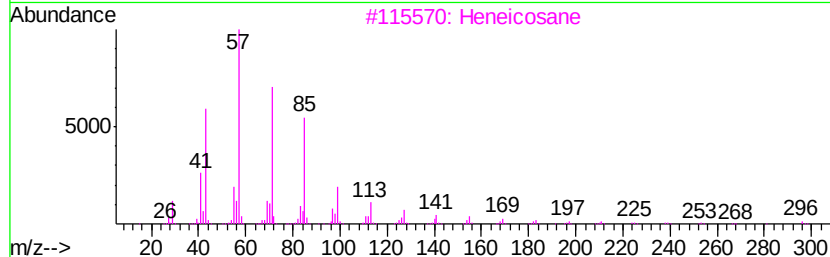
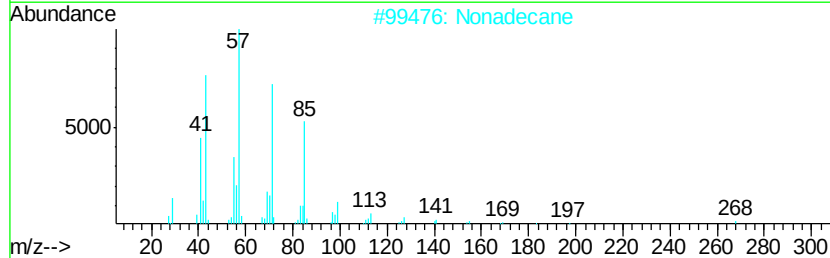
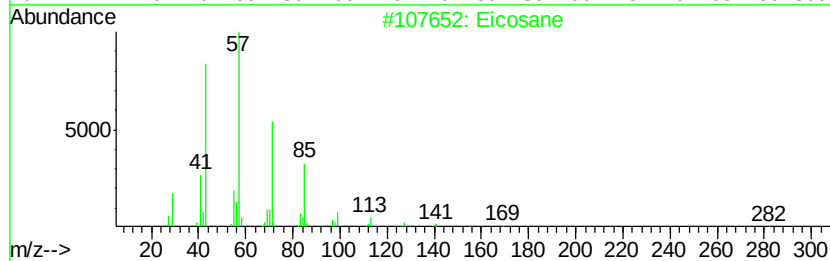
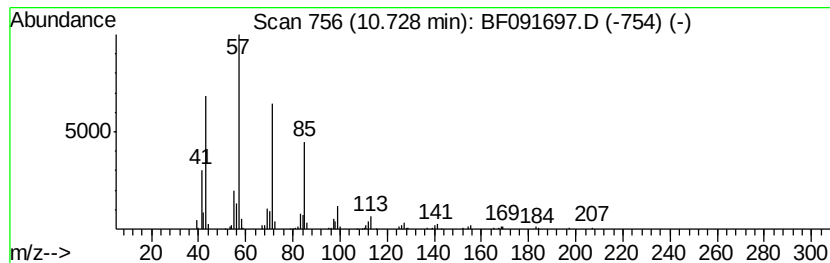
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.73	3.51 ng	255673	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Pentadecane	212	C15H32	000629-62-9	87



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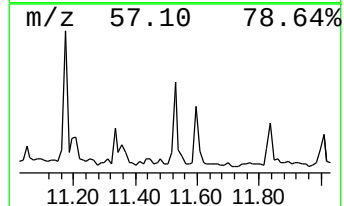
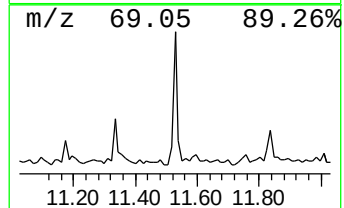
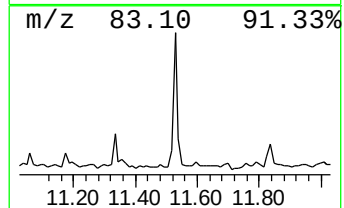
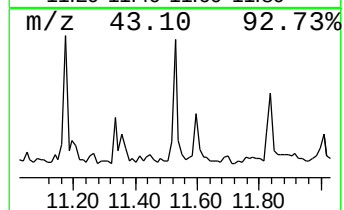
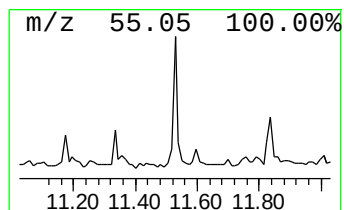
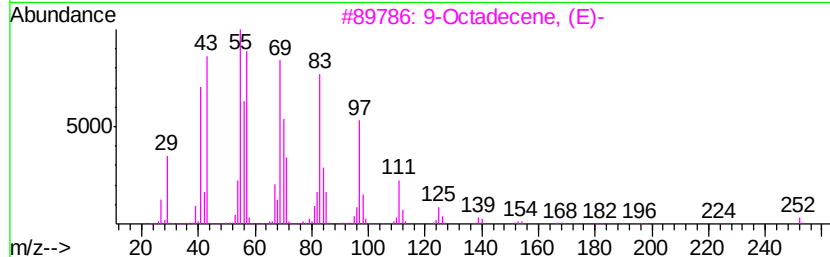
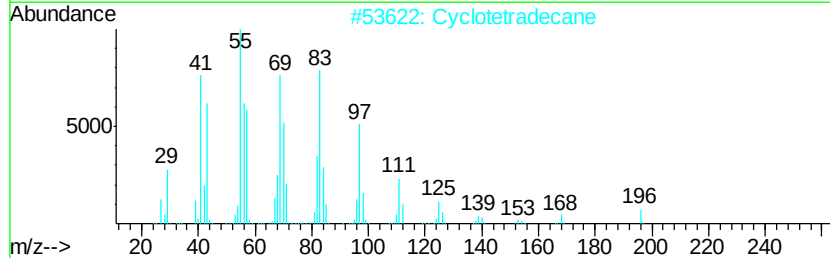
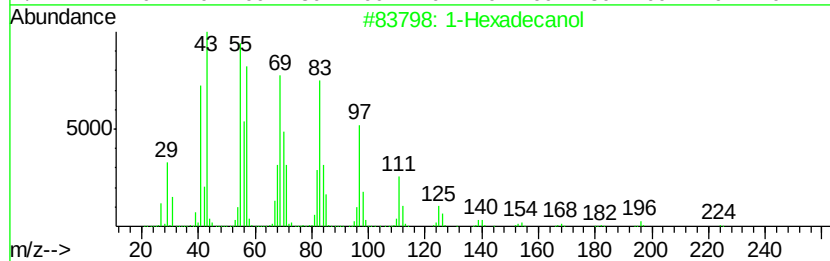
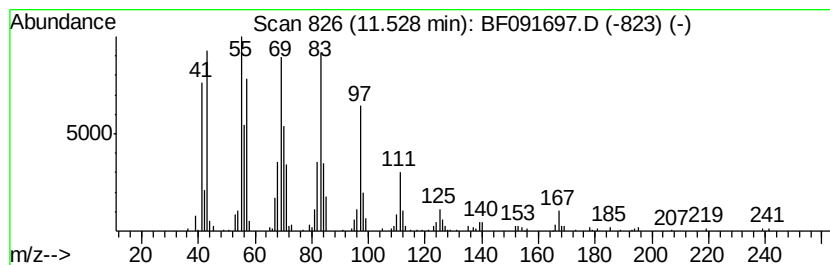
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Hexadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.53	3.94 ng	286657	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	Cyclotetradecane	196	C14H28	000295-17-0	91
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4	1-Pentadecene	210	C15H30	013360-61-7	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91



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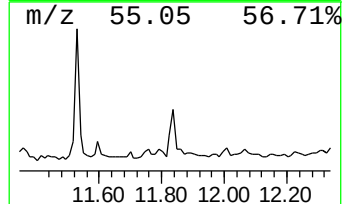
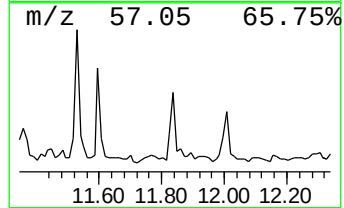
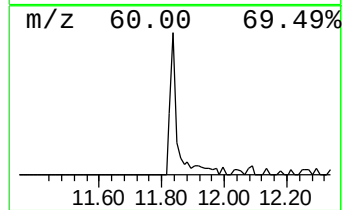
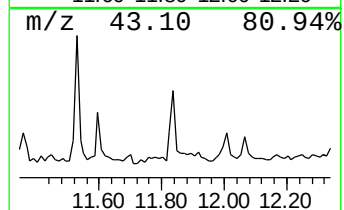
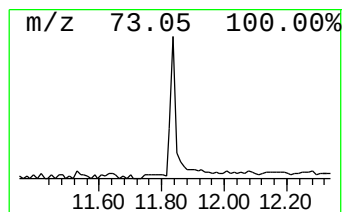
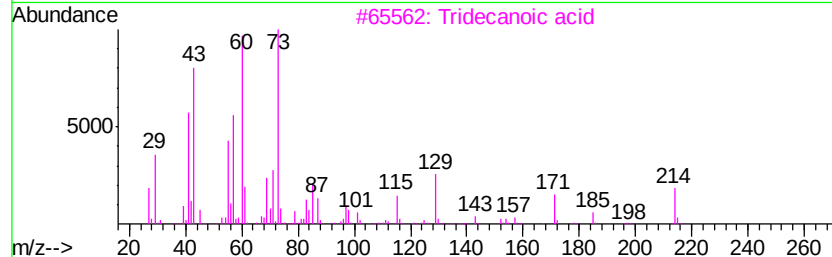
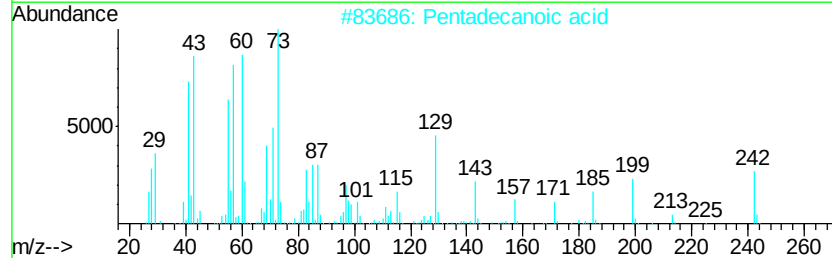
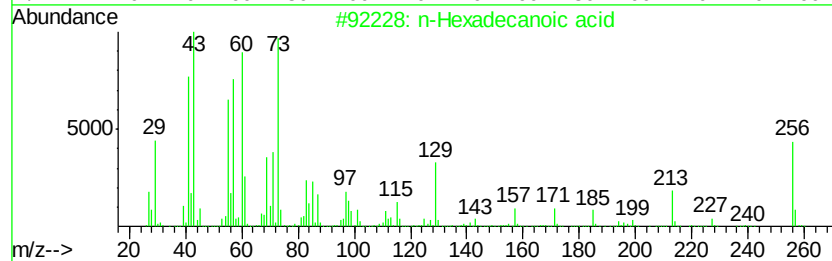
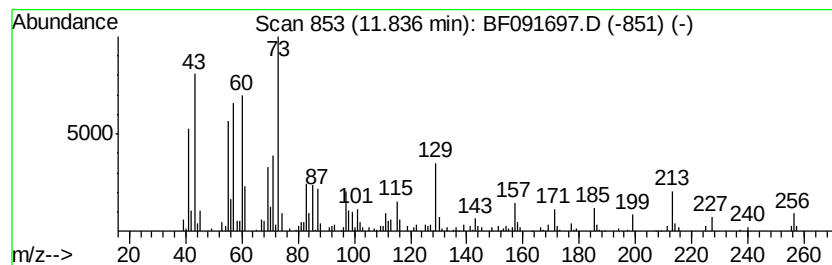
Instrument :
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ClientSampleId :
SS05-1FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.84	2.28 ng	165797	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	55
4	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	43
5	Heptadecane	240	C17H36	000629-78-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091697.D
Acq On : 17 Dec 2016 2:31
Operator : UM/SJ
Sample : H5940-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

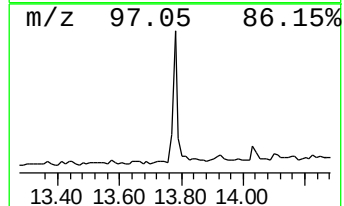
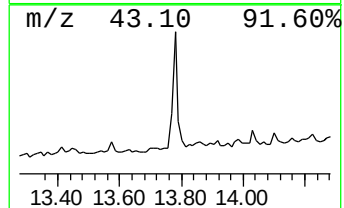
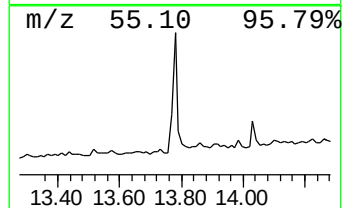
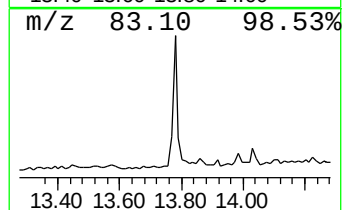
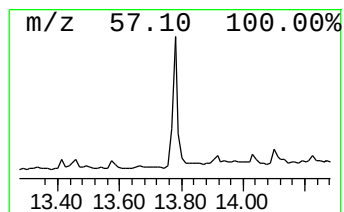
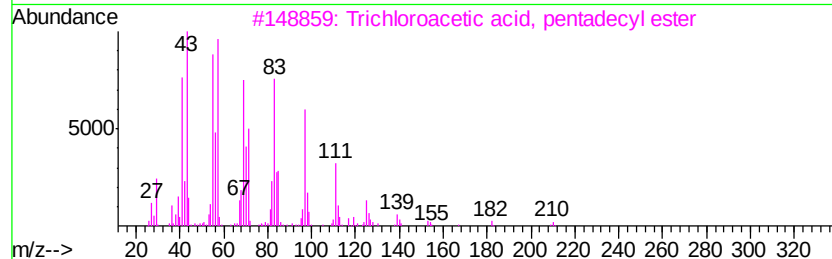
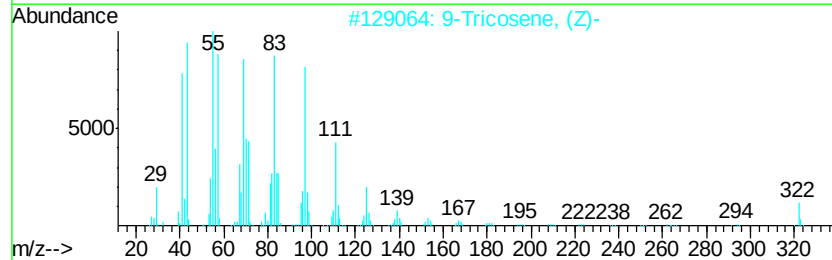
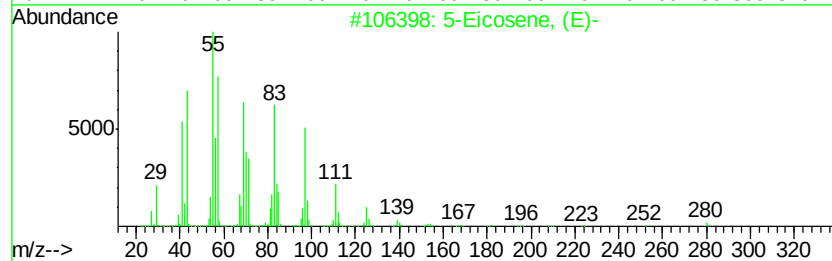
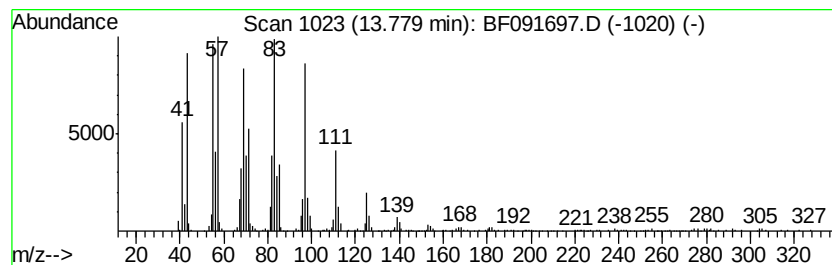
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	6.84 ng	497784	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4		1-Hexadecanol	242	C16H34O	036653-82-4	90
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091697.D
Acq On : 17 Dec 2016 2:31
Operator : UM/SJ
Sample : H5940-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

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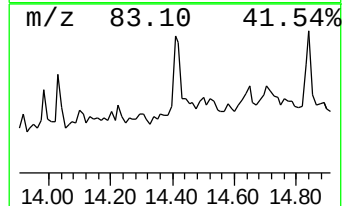
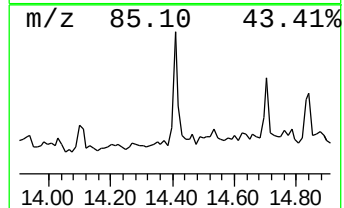
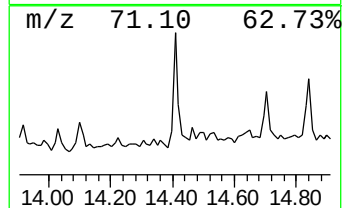
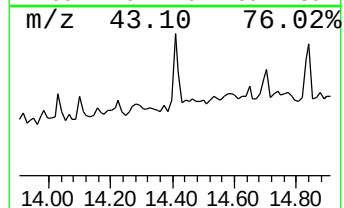
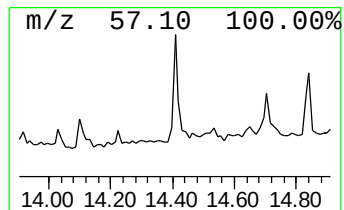
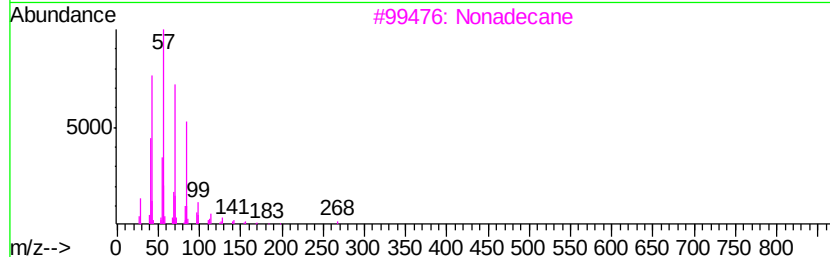
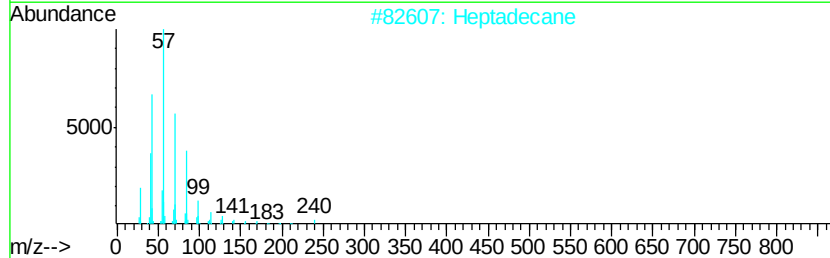
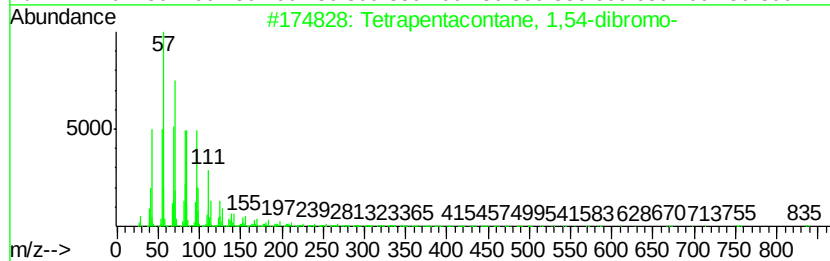
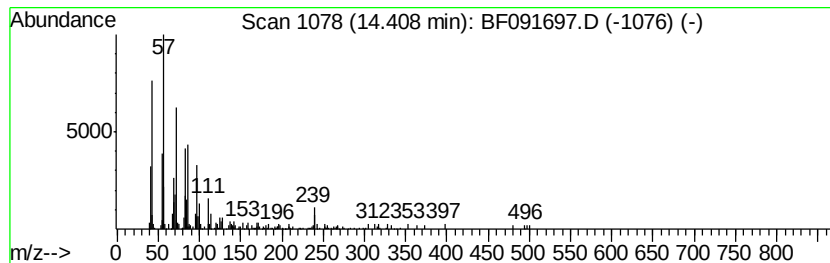
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetrapentacontane, 1,54-dib... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	2.05 ng	149146	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	83
2		Heptadecane	240	C17H36	000629-78-7	70
3		Nonadecane	268	C19H40	000629-92-5	55
4		Tetratetracontane	619	C44H90	007098-22-8	49
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091697.D
Acq On : 17 Dec 2016 2:31
Operator : UM/SJ
Sample : H5940-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

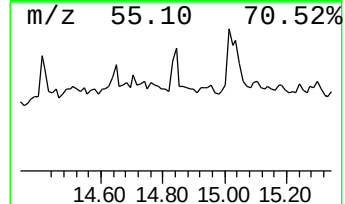
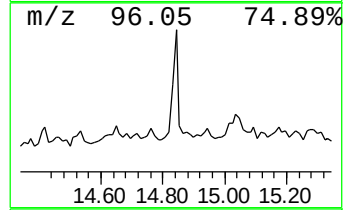
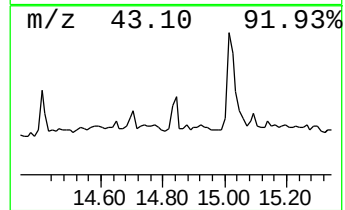
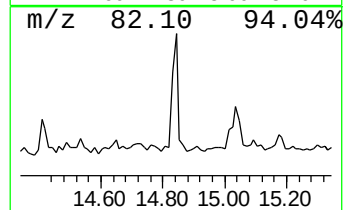
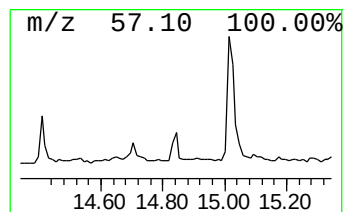
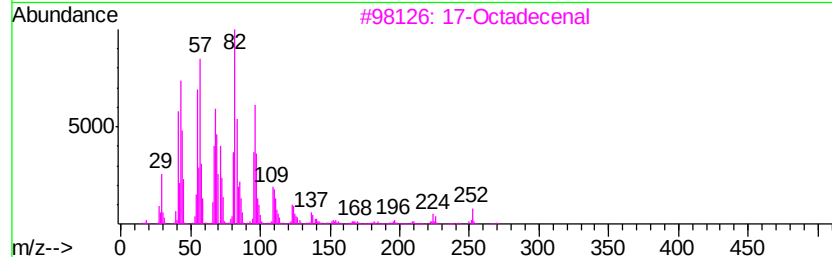
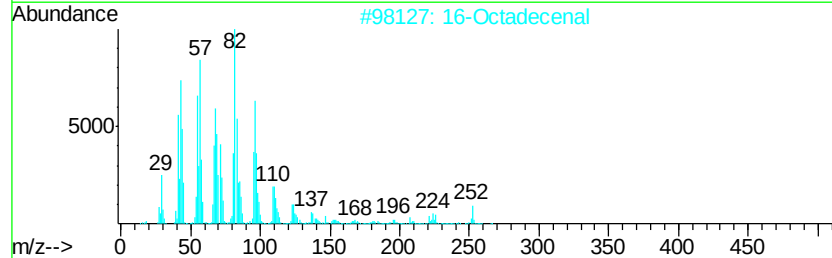
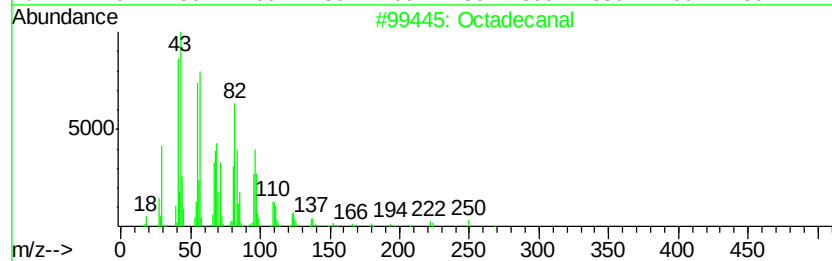
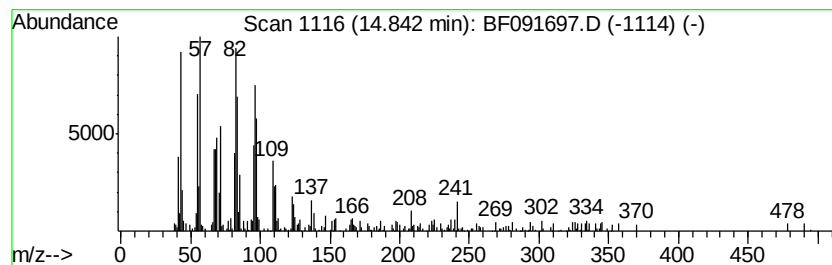
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.84	3.20 ng	144111	Perylene-d12		15.33		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	94
2			16-Octadecenal	266	C18H34O	056554-87-1	90
3			17-Octadecenal	266	C18H34O	056554-86-0	90
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5			1,19-Eicosadiene	278	C20H38	014811-95-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091697.D
Acq On : 17 Dec 2016 2:31
Operator : UM/SJ
Sample : H5940-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

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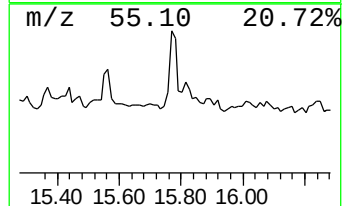
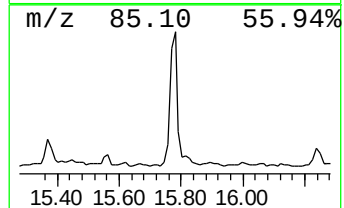
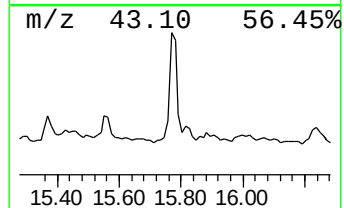
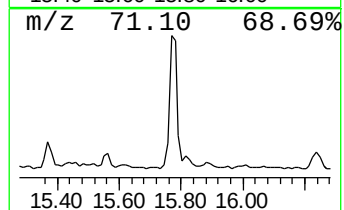
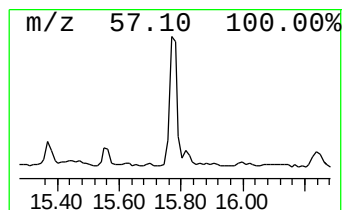
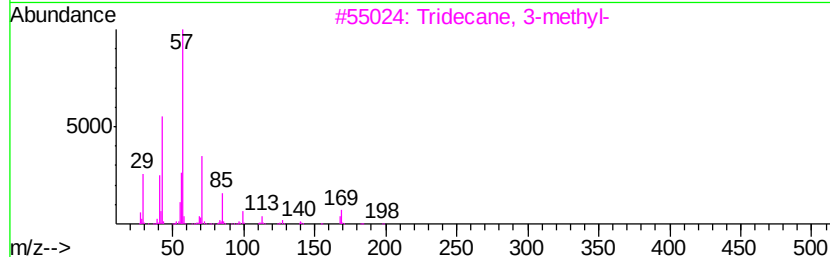
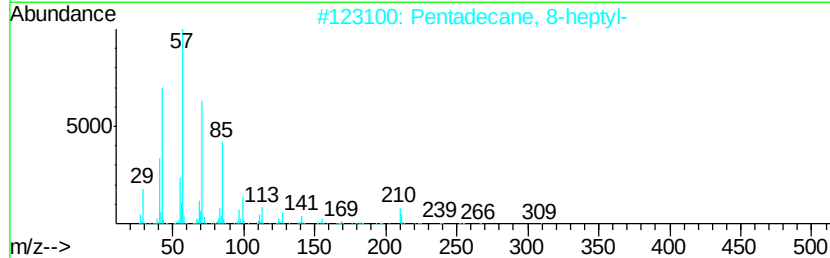
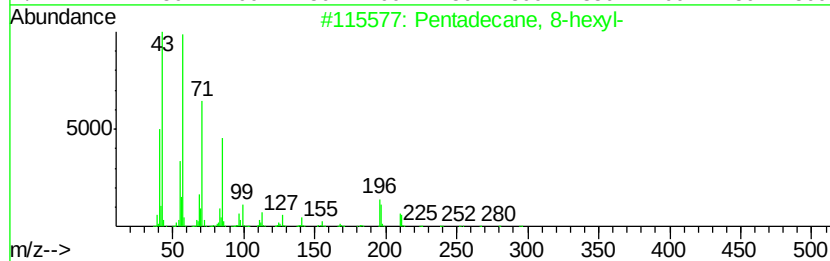
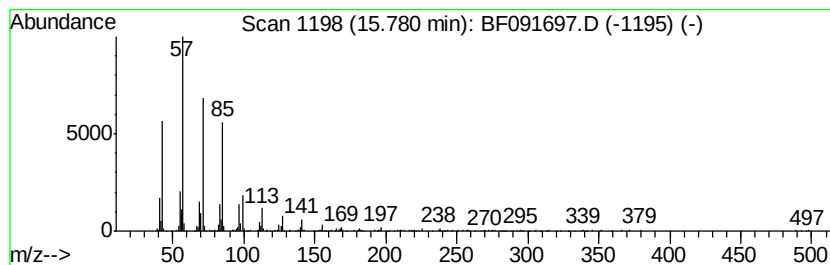
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 8-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	10.12 ng	455432	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
4		Nonacosane	408	C29H60	000630-03-5	86
5		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091697.D
Acq On : 17 Dec 2016 2:31
Operator : UM/SJ
Sample : H5940-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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...	4.96	33.8	ng	2501460	1	6.77	1479190	20.0
unknown6.54	6.54	91.6	ng	6777070	1	6.77	1479190	20.0
Heneicosane	10.26	2.3	ng	200483	3	9.81	1769960	20.0
Eicosane	10.73	3.5	ng	255673	4	11.30	1456940	20.0
1-Hexadecanol	11.53	3.9	ng	286657	4	11.30	1456940	20.0
n-Hexadecanoic acid	11.84	2.3	ng	165797	4	11.30	1456940	20.0
5-Eicosene, (E)-	13.78	6.8	ng	497784	5	13.93	1455860	20.0
Tetrapentacontane...	14.41	2.0	ng	149146	5	13.93	1455860	20.0
Octadecanal	14.84	3.2	ng	144111	6	15.33	899928	20.0
Pentadecane, 8-he...	15.78	10.1	ng	455432	6	15.33	899928	20.0