

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085287.D
 Acq On : 9 Mar 2016 6:02
 Operator : UM/SJ
 Sample : H1712-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-COMP-0.5-5.0

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-BF030316.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	5.167	249	252	262	rVB	777349	1188566	25.30%	2.922%
2	5.578	284	288	290	rBV	3223581	4691423	99.85%	11.535%
3	6.584	373	376	379	rBV	3086212	4419066	94.05%	10.866%
4	6.733	386	389	391	rBV	4189179	4698530	100.00%	11.553%
5	6.961	407	409	411	rBV	1085680	922592	19.64%	2.268%
6	7.121	420	423	425	rVB	3775280	3736761	79.53%	9.188%
7	7.521	455	458	461	rBV	2347960	2744593	58.41%	6.748%
8	7.602	463	465	469	rVB	76462	84502	1.80%	0.208%
9	8.242	519	521	524	rBV	1281717	1136650	24.19%	2.795%
10	9.327	613	616	618	rBV	4007442	4566881	97.20%	11.229%
11	9.716	648	650	651	rBV	845324	790317	16.82%	1.943%
12	9.933	666	669	670	rBV	83342	87415	1.86%	0.215%
13	10.002	673	675	677	rVB	1240522	1078096	22.95%	2.651%
14	10.425	711	712	714	rVB	128118	123518	2.63%	0.304%
15	10.653	728	732	735	rBV	40766	78939	1.68%	0.194%
16	10.790	741	744	746	rBV	2448620	2425885	51.63%	5.965%
17	10.905	752	754	760	rBV	120982	177127	3.77%	0.436%
18	11.350	791	793	794	rBV	82705	77319	1.65%	0.190%
19	11.488	802	805	807	rBV	975100	961757	20.47%	2.365%
20	12.002	848	850	864	rBV2	169973	257839	5.49%	0.634%
21	12.791	917	919	925	rBV	105930	127277	2.71%	0.313%
22	13.065	941	943	946	rBV	2420372	3001453	63.88%	7.380%
23	13.956	1019	1021	1030	rBV	632181	766448	16.31%	1.885%
24	14.116	1033	1035	1038	rVB	798991	741774	15.79%	1.824%
25	14.597	1074	1077	1083	rVB2	64069	115559	2.46%	0.284%
26	14.871	1099	1101	1105	rVB2	67264	113216	2.41%	0.278%
27	14.974	1107	1110	1113	rVB	44491	68122	1.45%	0.167%
28	15.579	1160	1163	1170	rBV	491175	864015	18.39%	2.124%
29	16.105	1206	1209	1213	rBV	54485	132237	2.81%	0.325%
30	16.551	1245	1248	1251	rBV	75789	167114	3.56%	0.411%
31	17.854	1358	1362	1372	rVB	79591	234275	4.99%	0.576%
32	18.688	1429	1435	1440	rBV3	25531	90851	1.93%	0.223%

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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-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

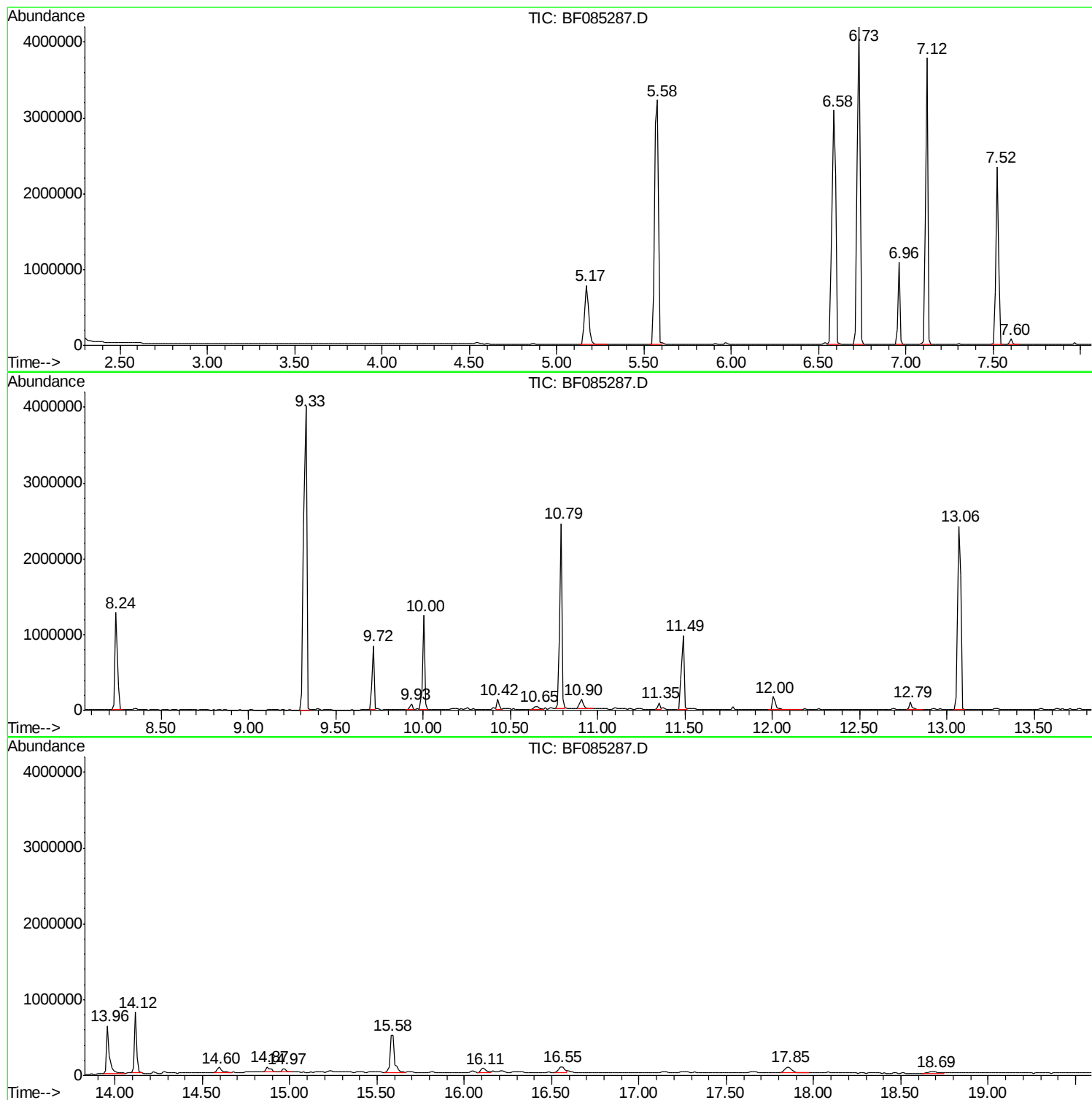
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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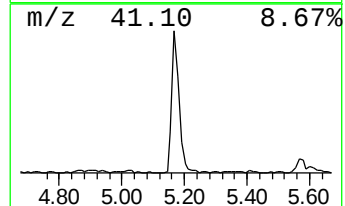
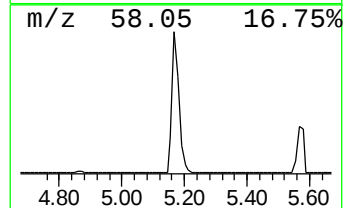
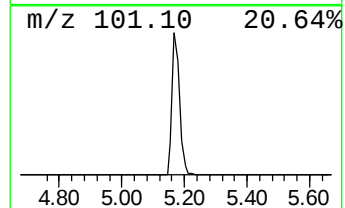
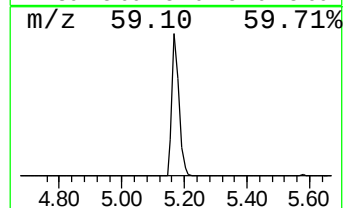
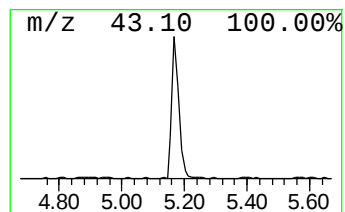
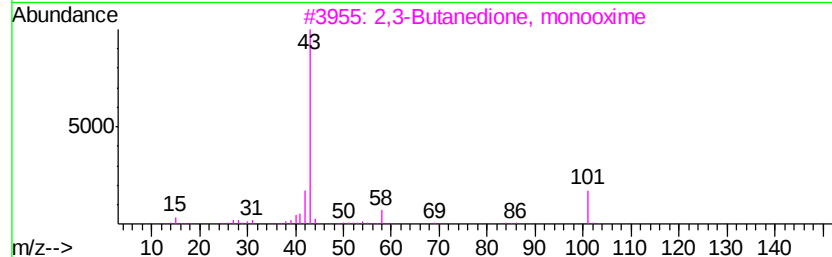
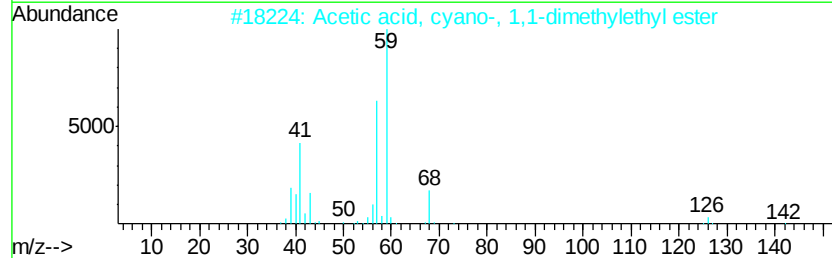
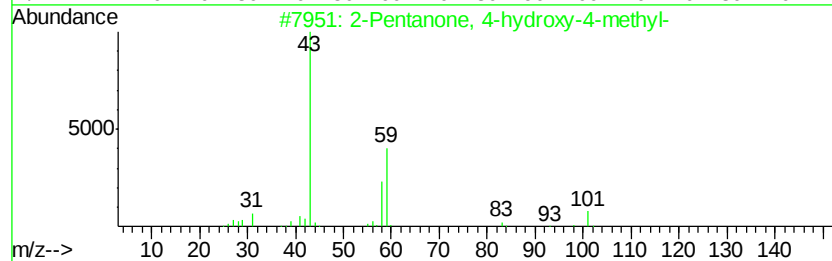
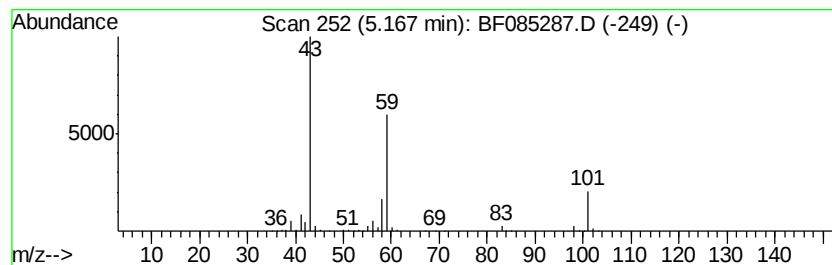
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	25.77 ng	1188570	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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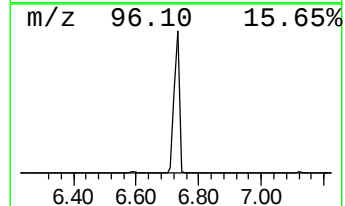
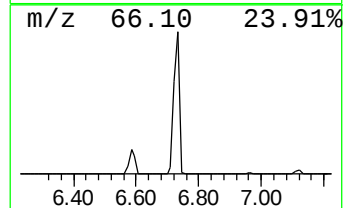
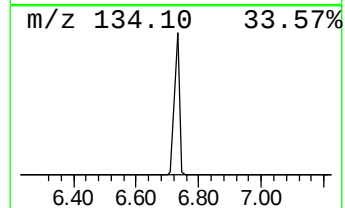
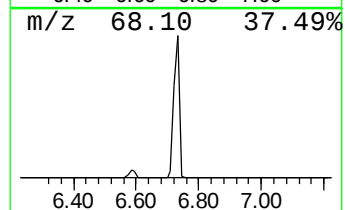
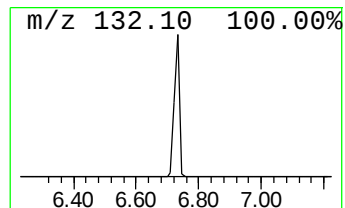
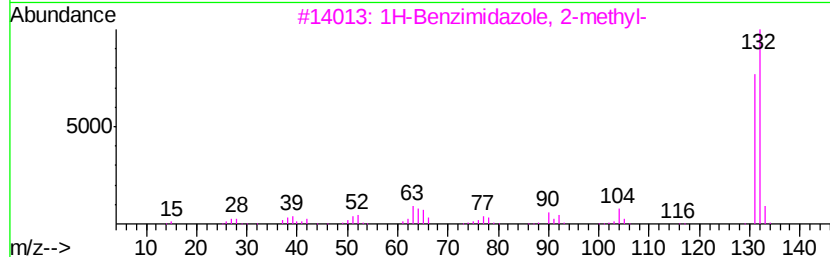
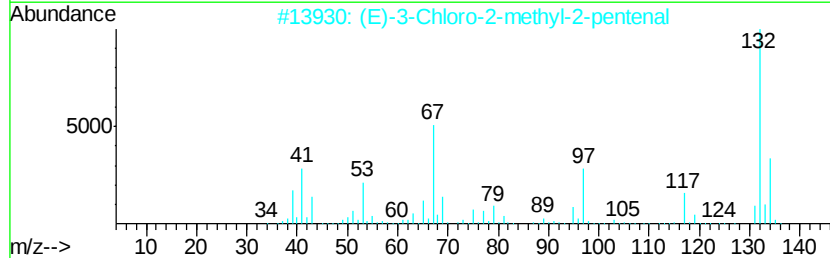
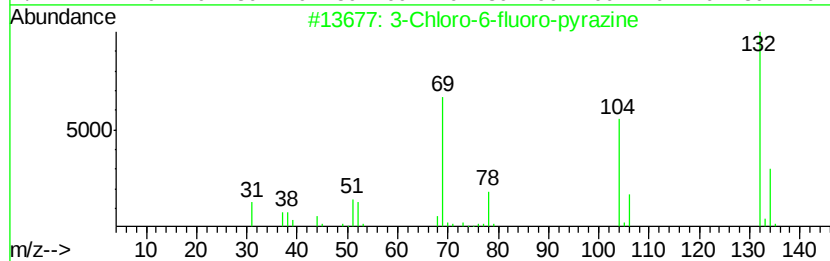
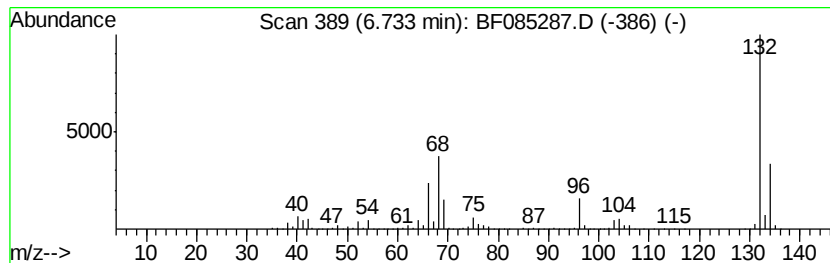
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Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	101.86 ng	4698530	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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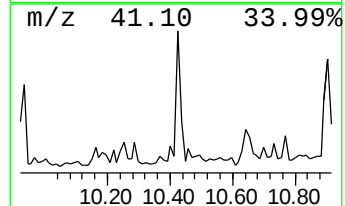
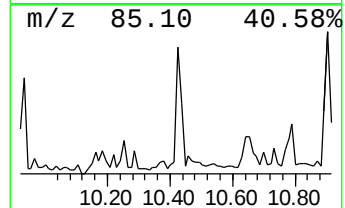
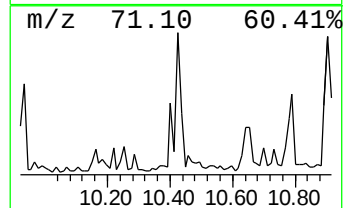
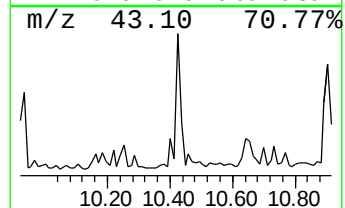
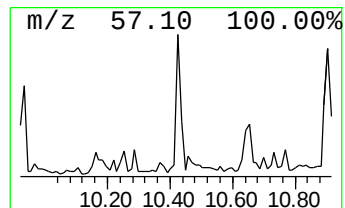
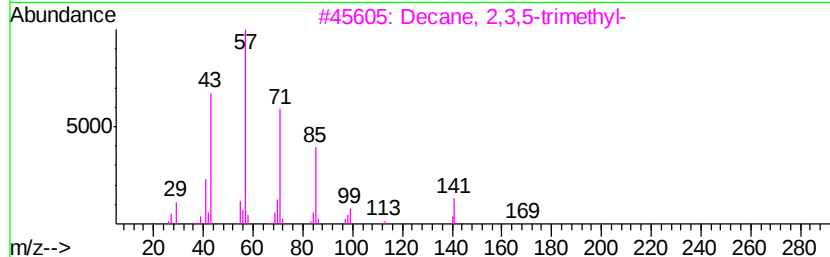
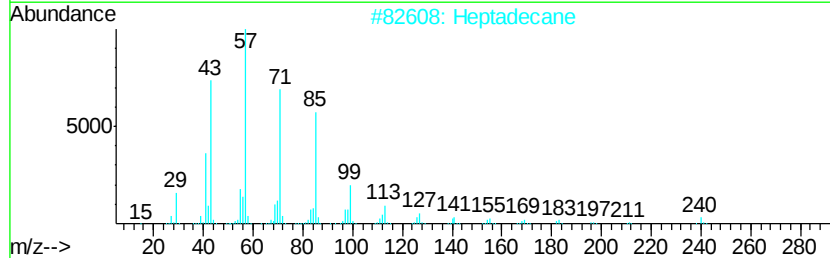
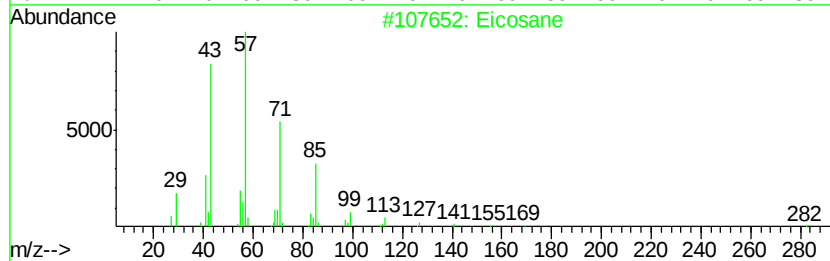
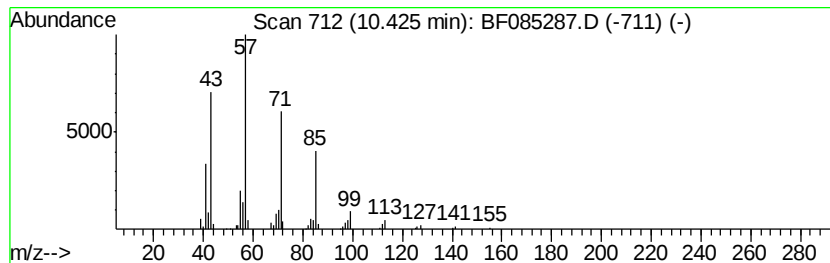
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	2.29 ng	123518	Acenaphthene-d10	10.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	83
2	Heptadecane	240 C17H36	000629-78-7	83
3	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	83
4	Pentadecane	212 C15H32	000629-62-9	83
5	Hexadecane	226 C16H34	000544-76-3	80



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Instrument :
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ClientSampleId :
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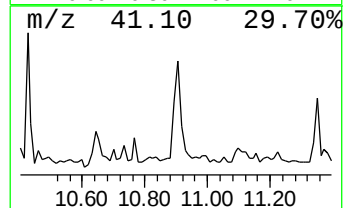
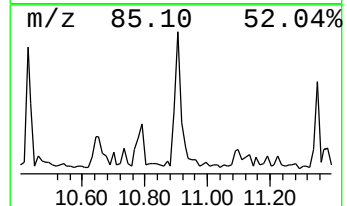
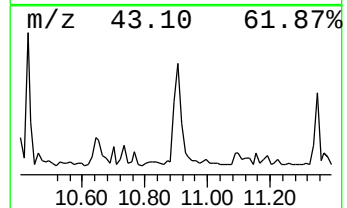
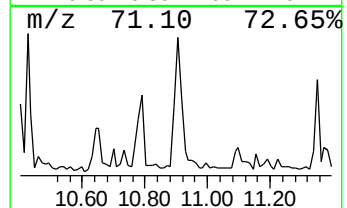
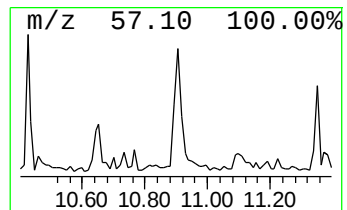
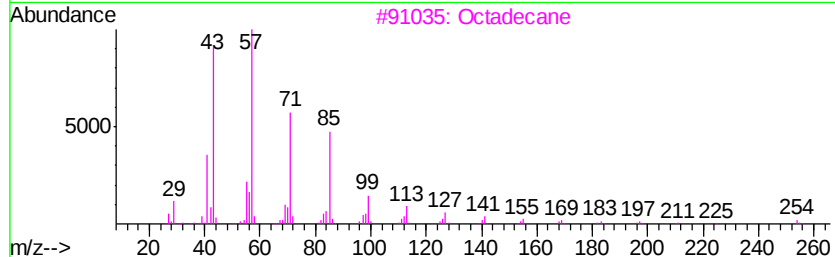
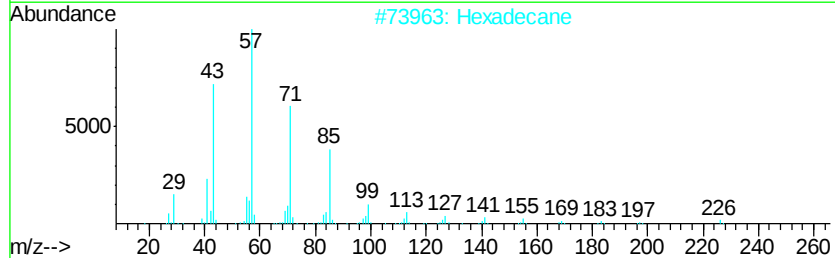
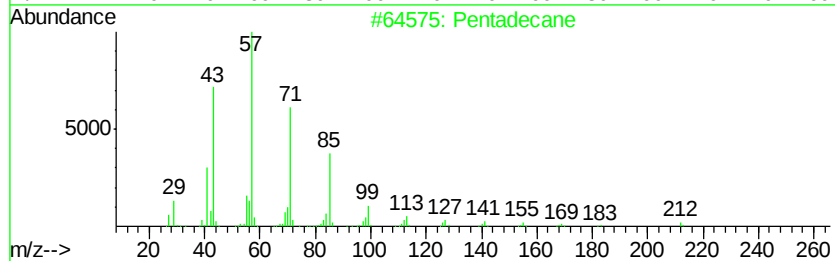
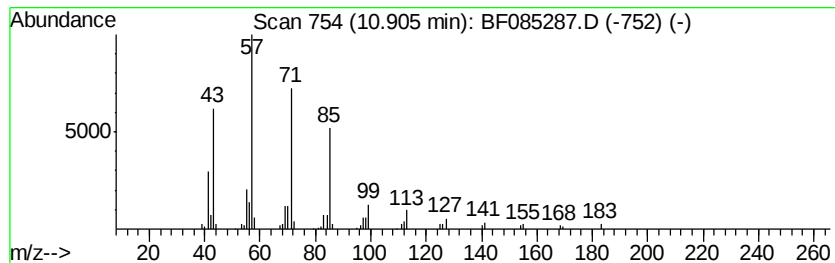
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.68 ng	177127	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	91
2	Hexadecane		226	C16H34	000544-76-3	91
3	Octadecane		254	C18H38	000593-45-3	91
4	Heptadecane		240	C17H36	000629-78-7	91
5	Heneicosane		296	C21H44	000629-94-7	87



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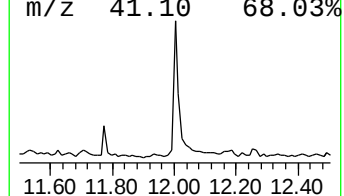
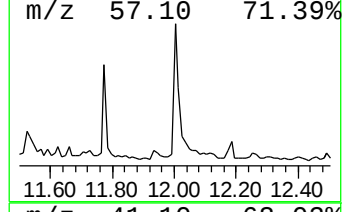
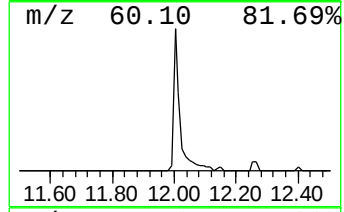
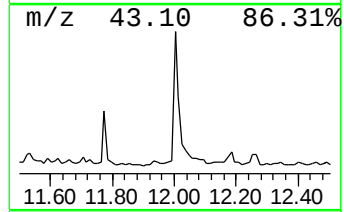
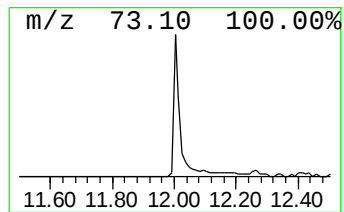
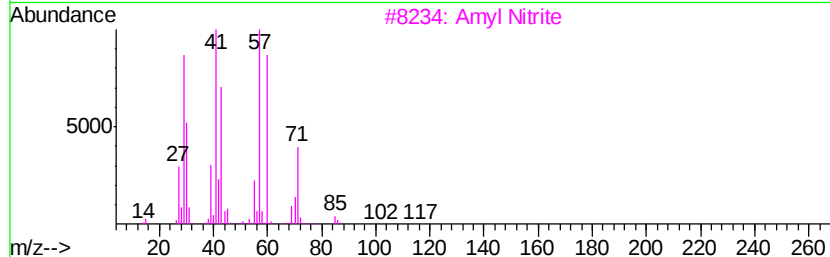
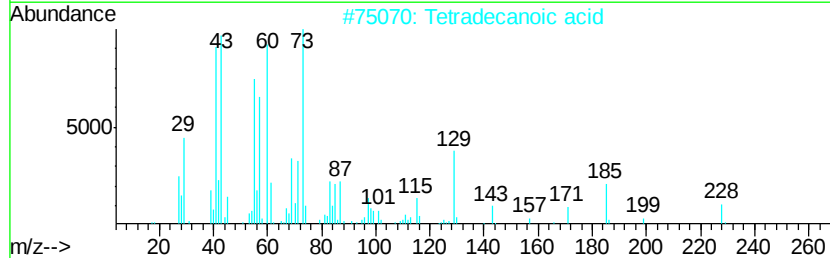
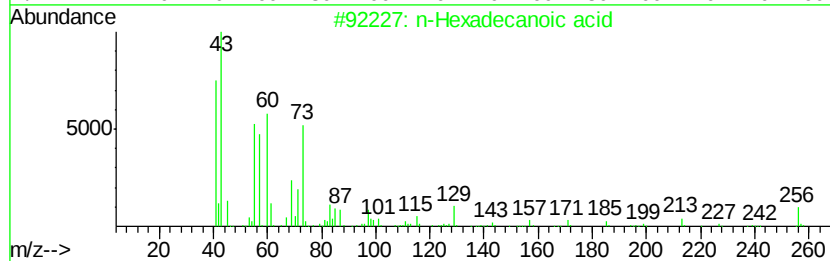
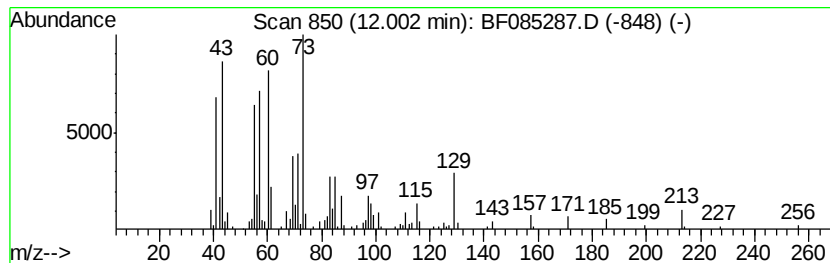
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	5.36 ng	257839	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Amyl Nitrite	117	C5H11NO2	000110-46-3	38
4	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	18
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	14



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ALS Vial : 32 Sample Multiplier: 1

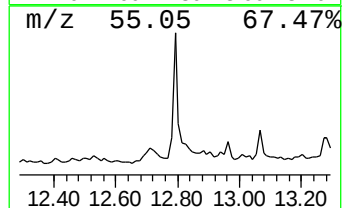
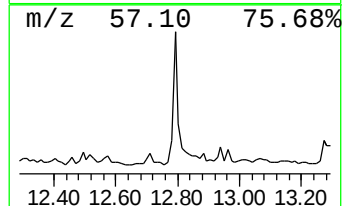
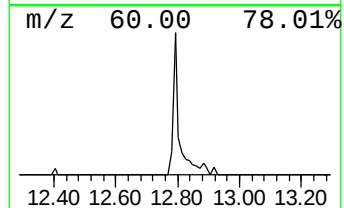
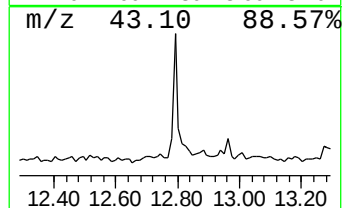
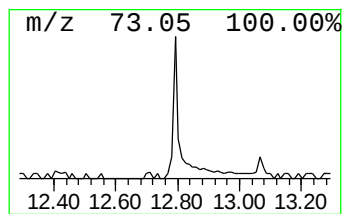
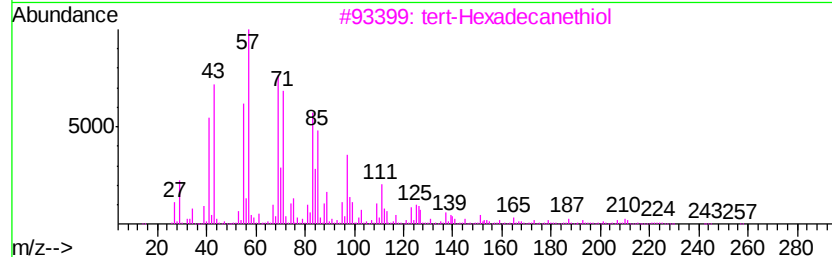
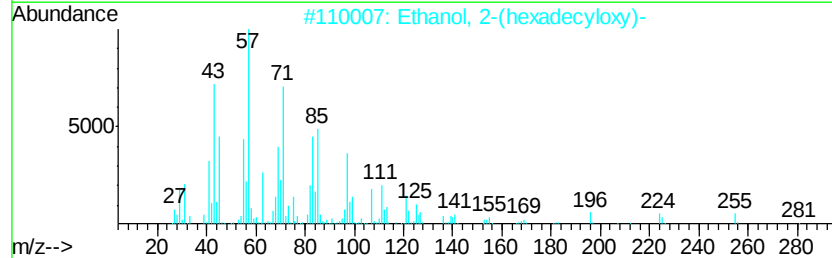
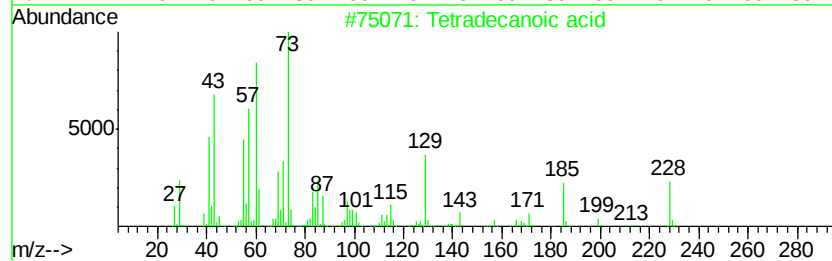
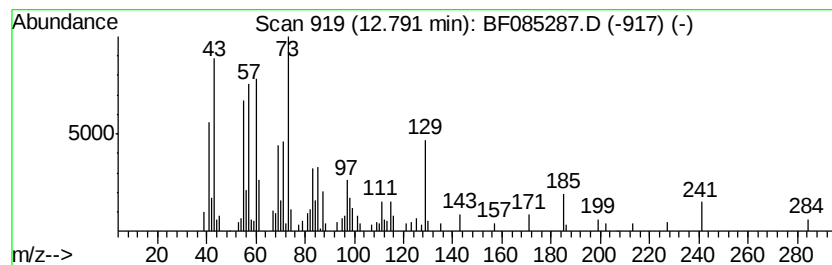
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.79	2.65 ng	127277	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	18
3	tert-Hexadecanethiol	258	C16H34S	025360-09-2	15
4	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	15
5	Dodecane	170	C12H26	000112-40-3	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085287.D
Acq On : 9 Mar 2016 6:02
Operator : UM/SJ
Sample : H1712-02
Misc :
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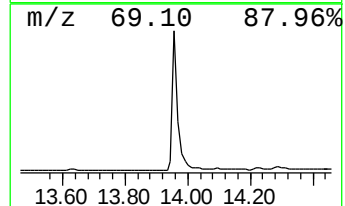
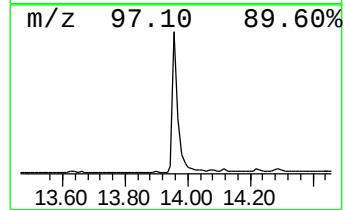
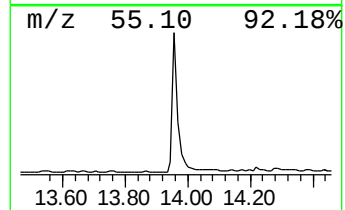
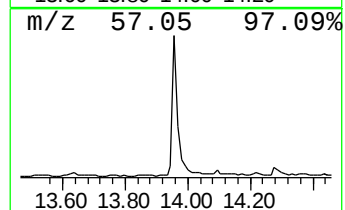
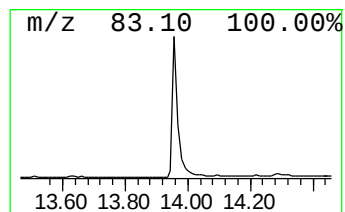
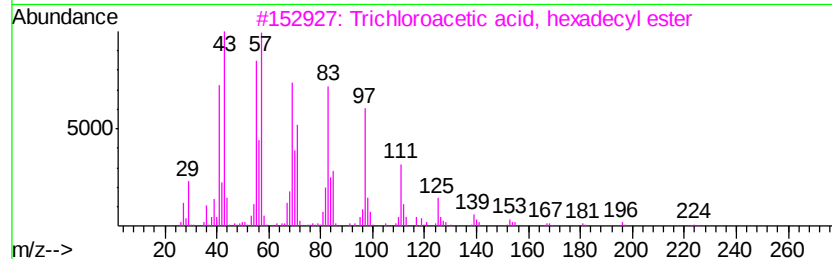
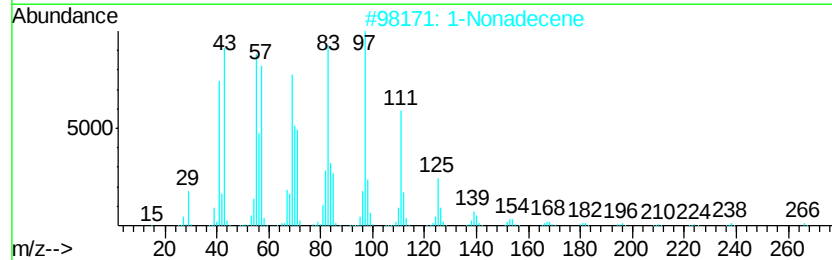
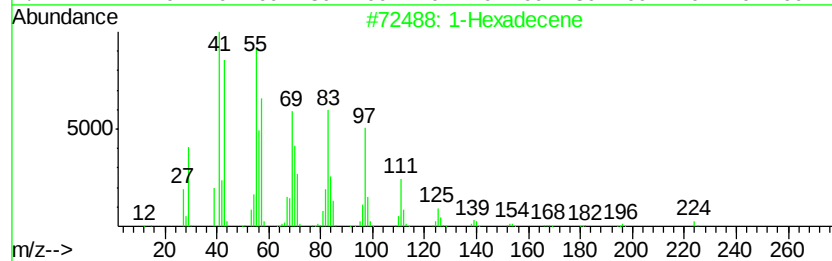
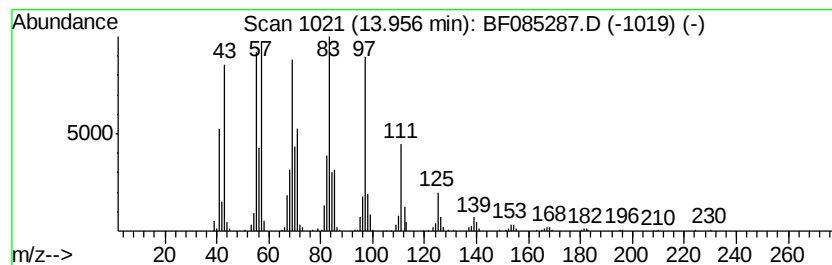
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Hexadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	20.67 ng	766448	Chrysene-d12	14.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexadecene	224 C16H32	000629-73-2	92
2	1-Nonadecene	266 C19H38	018435-45-5	91
3	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	91
4	3-Eicosene, (E)-	280 C20H40	074685-33-9	91
5	Bromoacetic acid, hexadecyl ester	362 C18H35BrO2	005454-48-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085287.D
Acq On : 9 Mar 2016 6:02
Operator : UM/SJ
Sample : H1712-02
Misc :
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ClientSampleId :
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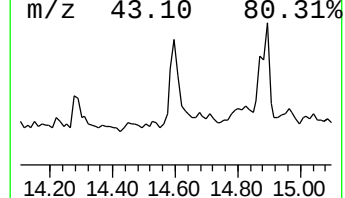
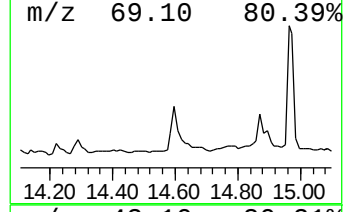
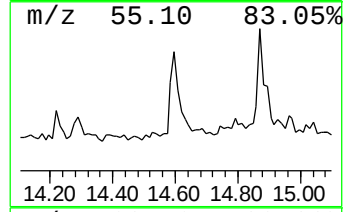
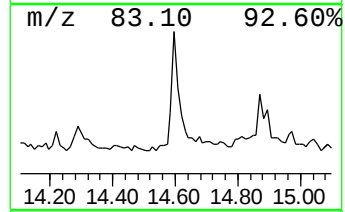
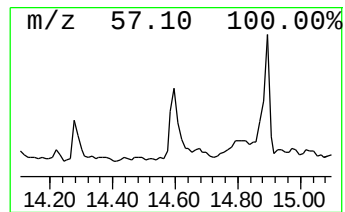
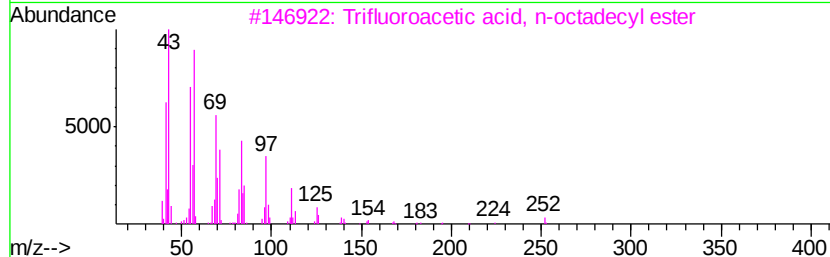
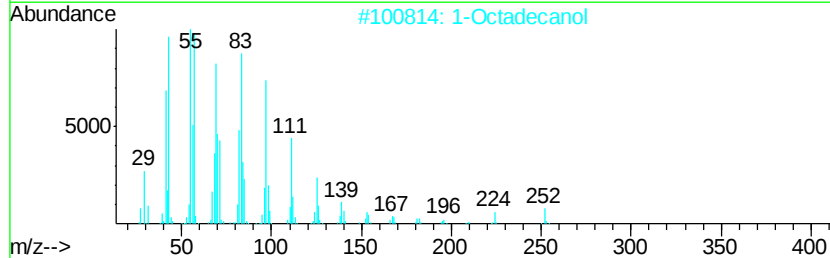
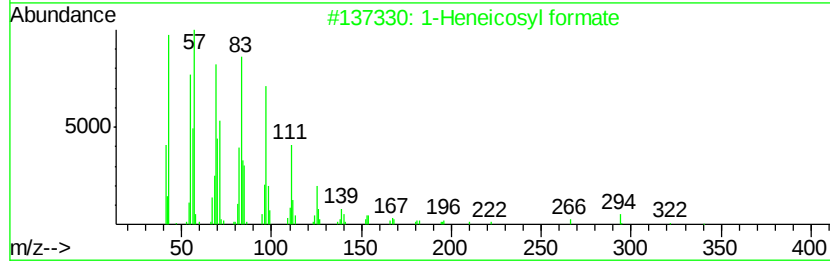
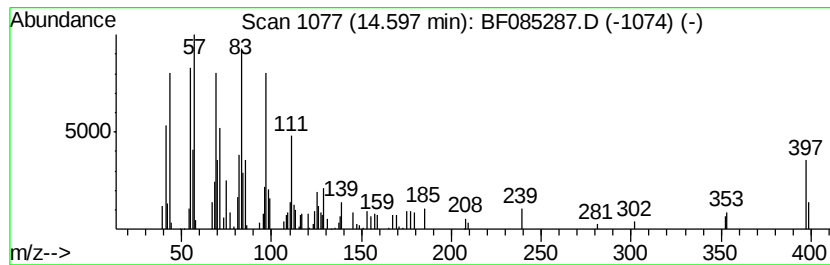
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Heneicosyl formate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.12 ng	115559	Chrysene-d12	14.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate		340	C22H44O2	077899-03-7	93
2	1-Octadecanol		270	C18H38O	000112-92-5	87
3	Trifluoroacetic acid, n-octadecy...		366	C20H37F3O2	079392-43-1	87
4	1-Nonadecene		266	C19H38	018435-45-5	83
5	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085287.D
Acq On : 9 Mar 2016 6:02
Operator : UM/SJ
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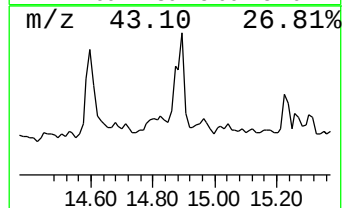
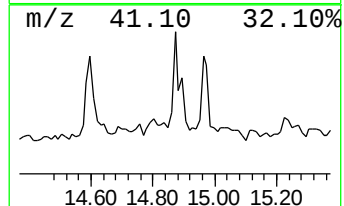
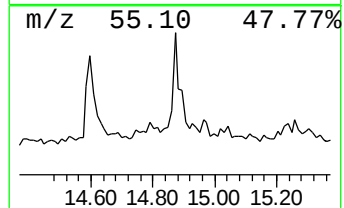
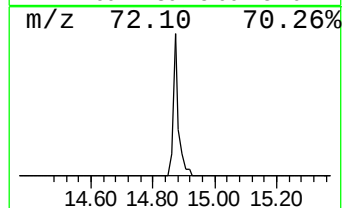
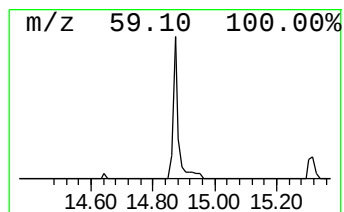
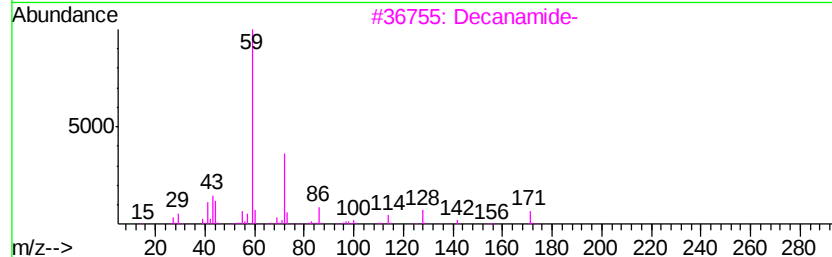
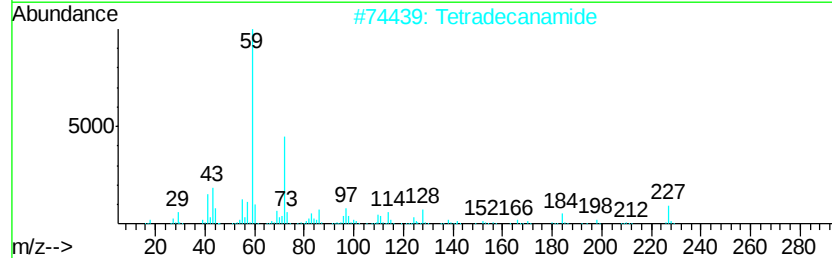
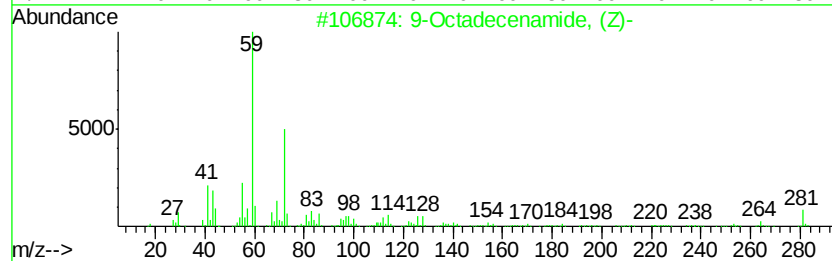
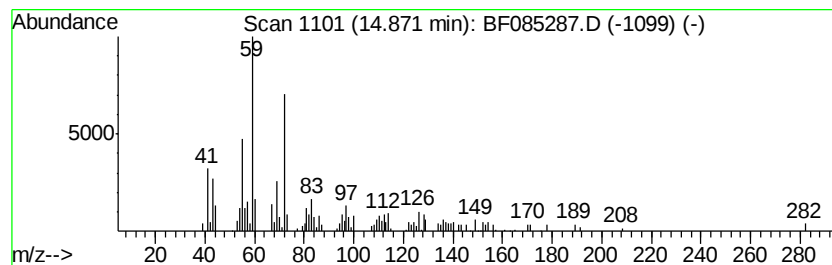
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9-Octadecenamide, (Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.62 ng	113216	Perylene-d12	15.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2			Tetradecanamide	227	C14H29NO	000638-58-4	72
3			Decanamide-	171	C10H21NO	002319-29-1	64
4			Hexadecanamide	255	C16H33NO	000629-54-9	64
5			Dodecanamide	199	C12H25NO	001120-16-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
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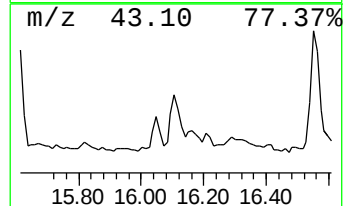
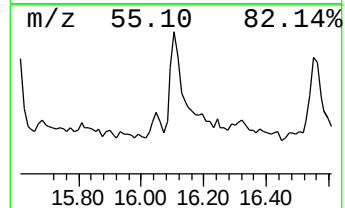
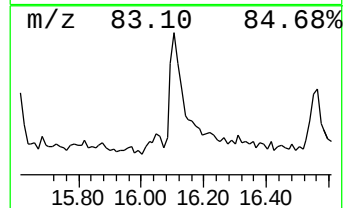
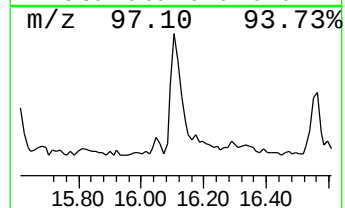
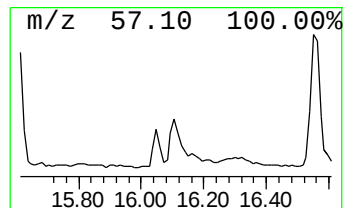
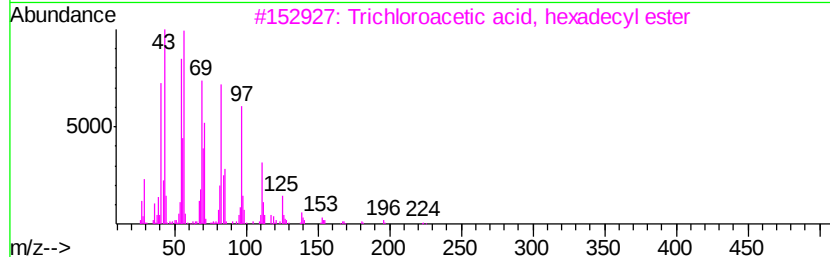
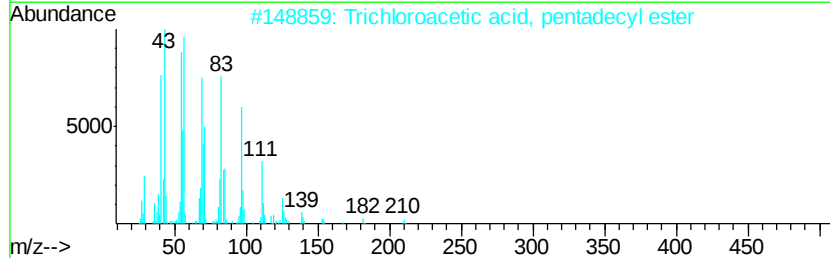
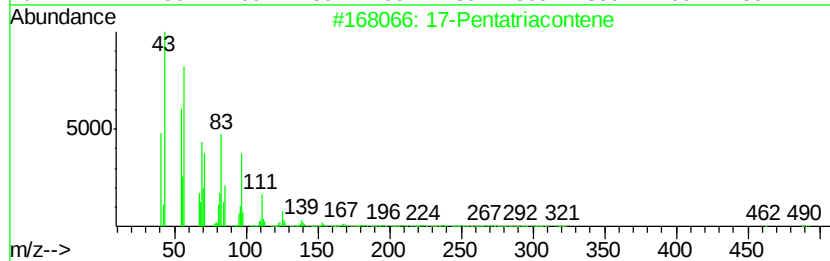
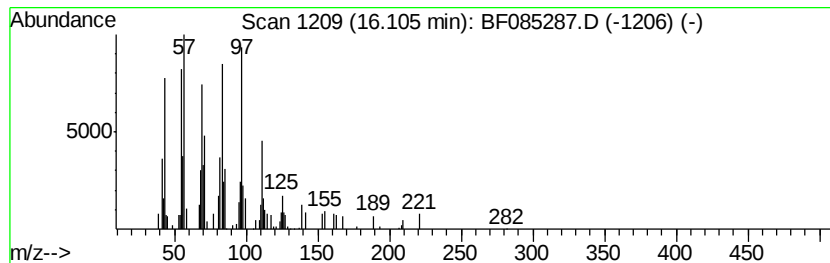
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 17-Pentatriacontene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	3.06 ng	132237	Perylene-d12	15.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17-Pentatriacontene	491	C35H70	006971-40-0	91
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
4			Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	74
5			13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085287.D
Acq On : 9 Mar 2016 6:02
Operator : UM/SJ
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Misc :
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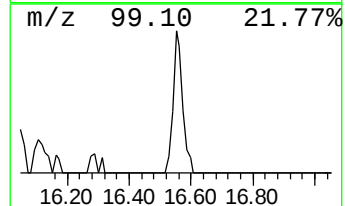
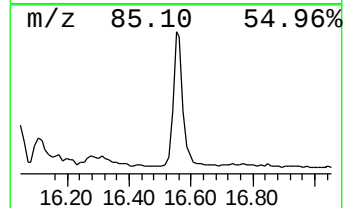
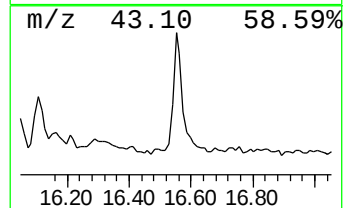
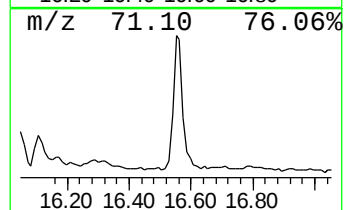
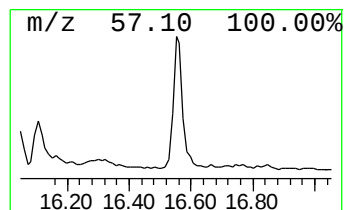
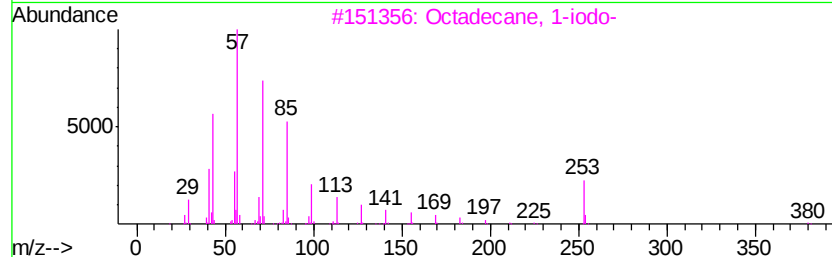
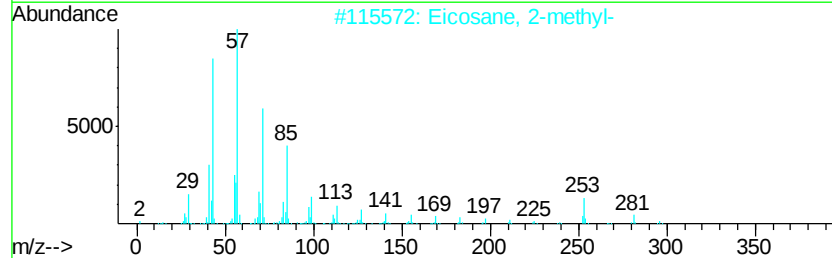
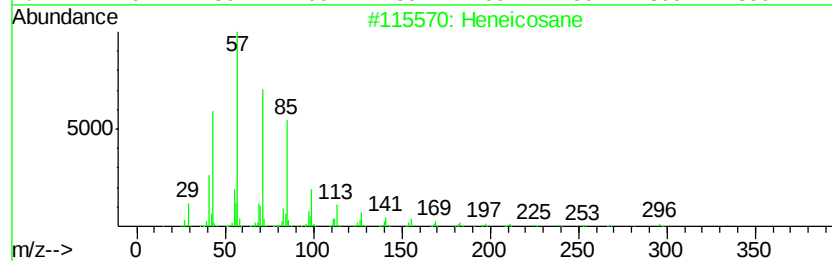
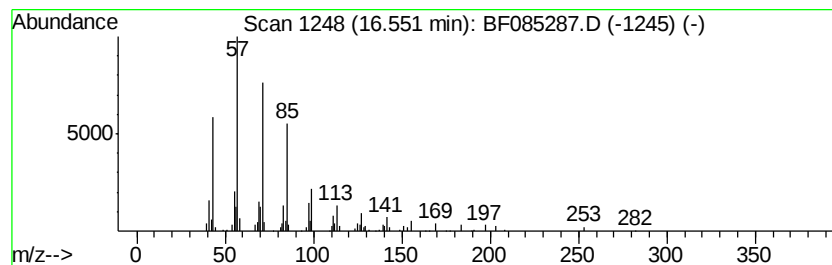
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	3.87 ng	167114	Perylene-d12	15.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
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ALS Vial : 32 Sample Multiplier: 1

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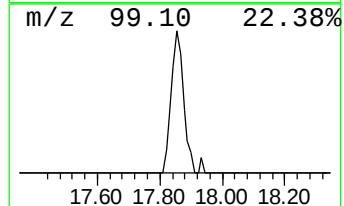
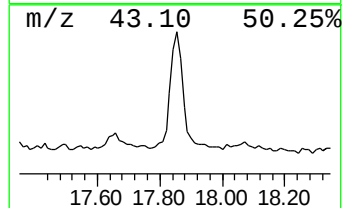
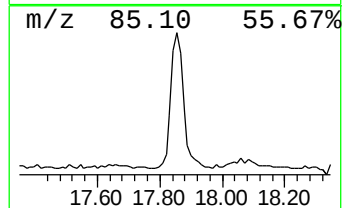
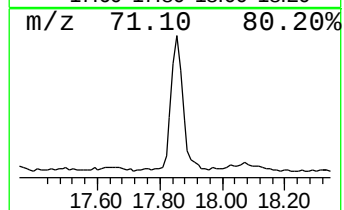
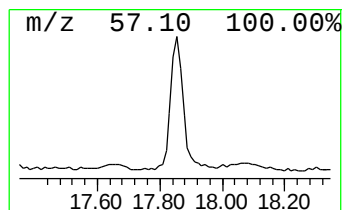
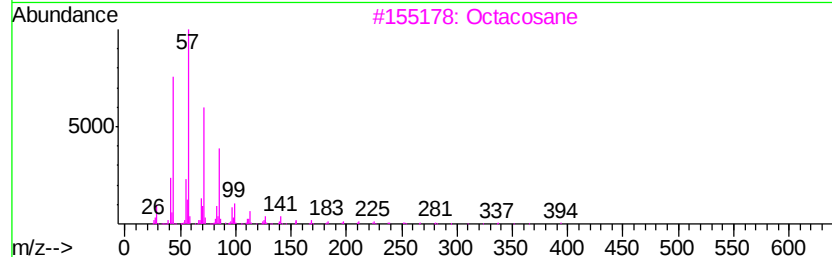
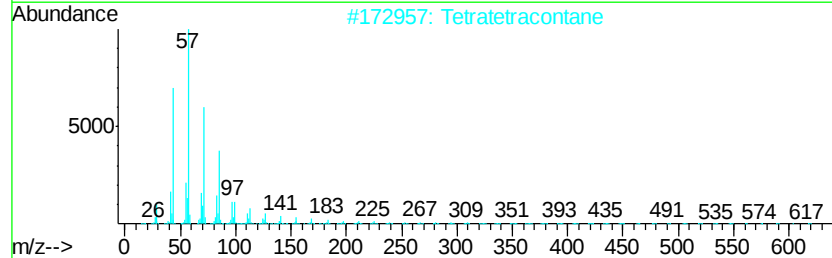
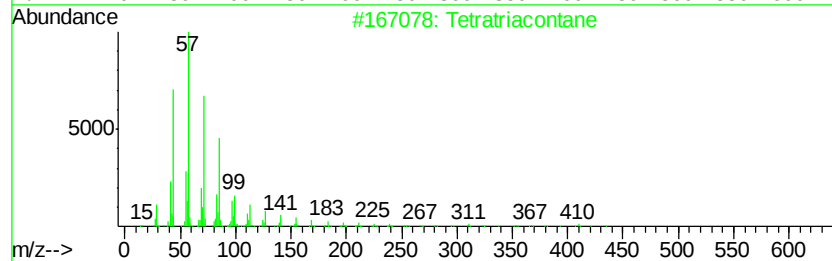
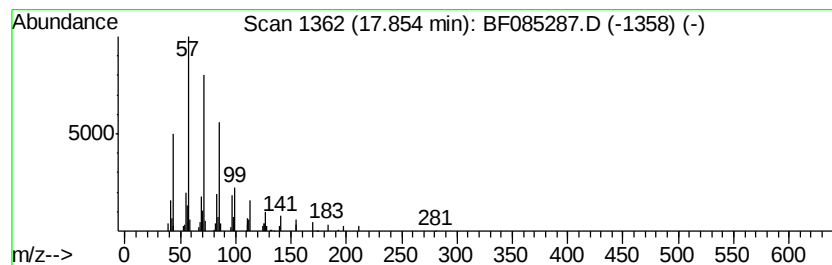
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetratriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	5.42 ng	234275	Perylene-d12	15.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085287.D
Acq On : 9 Mar 2016 6:02
Operator : UM/SJ
Sample : H1712-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP-0.5-5.0

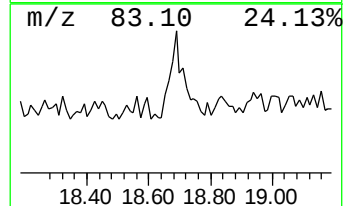
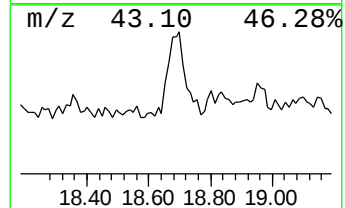
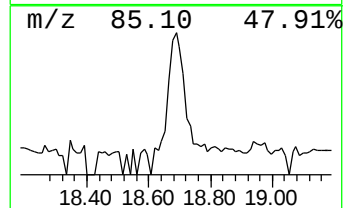
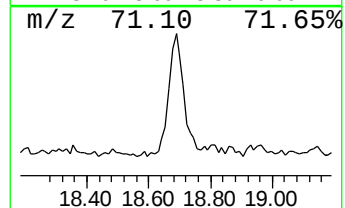
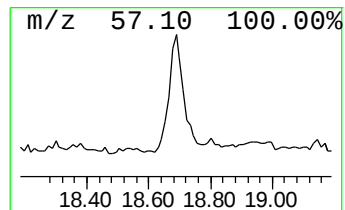
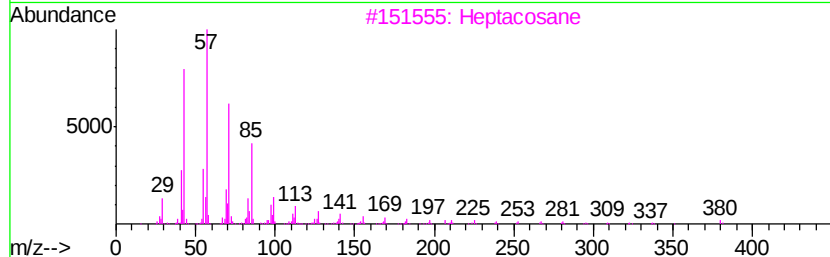
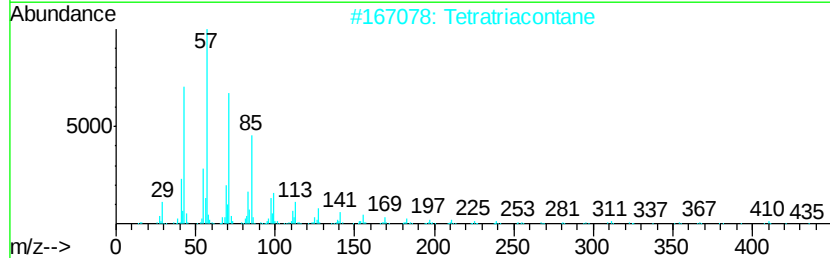
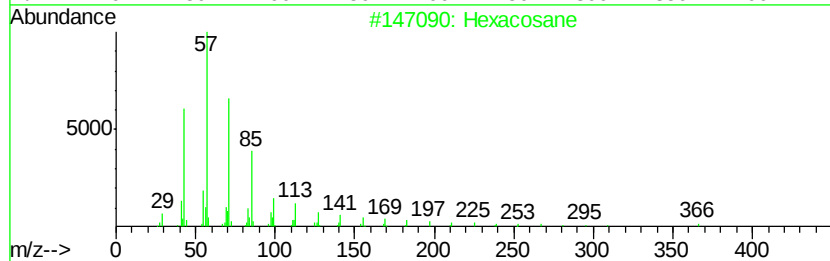
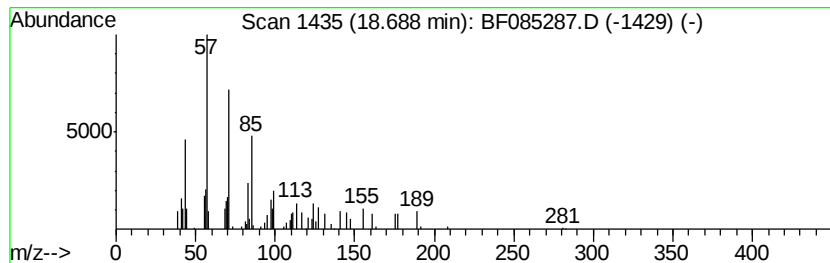
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	2.10 ng	90851	Perylene-d12	15.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	80
2			Tetratriacontane	479	C34H70	014167-59-0	80
3			Heptacosane	380	C27H56	000593-49-7	80
4			Pentacosane	352	C25H52	000629-99-2	72
5			Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085287.D
 Acq On : 9 Mar 2016 6:02
 Operator : UM/SJ
 Sample : H1712-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-COMP-0.5-5.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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...	5.17	25.8	ng	1188570	1	6.96	922592	20.0
unknown6.73	6.73	101.9	ng	4698530	1	6.96	922592	20.0
Eicosane	10.42	2.3	ng	123518	3	10.00	1078100	20.0
Pentadecane	10.90	3.7	ng	177127	4	11.49	961757	20.0
n-Hexadecanoic acid	12.00	5.4	ng	257839	4	11.49	961757	20.0
Tetradecanoic acid	12.79	2.6	ng	127277	4	11.49	961757	20.0
1-Hexadecene	13.96	20.7	ng	766448	5	14.12	741774	20.0
1-Heneicosyl formate	14.60	3.1	ng	115559	5	14.12	741774	20.0
9-Octadecenamide,...	14.87	2.6	ng	113216	6	15.59	864015	20.0
17-Pentatriacontene	16.11	3.1	ng	132237	6	15.59	864015	20.0
Heneicosane	16.55	3.9	ng	167114	6	15.59	864015	20.0
Tetratriacontane	17.85	5.4	ng	234275	6	15.59	864015	20.0
Hexacosane	18.69	2.1	ng	90851	6	15.59	864015	20.0