

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
 Data File : BF085067.D
 Acq On : 13 Feb 2016 4:59
 Operator : SJ/IZ
 Sample : H1396-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(6-8)

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-BF021316.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	1.724	10	12	63	rVB	1813113	6136550	95.85%	12.195%
2	3.701	182	185	199	rBV	246384	833838	13.02%	1.657%
3	4.136	221	223	243	rBV	703068	3442982	53.78%	6.842%
4	5.427	334	336	345	rBV	726987	3211752	50.16%	6.383%
5	5.564	345	348	373	rVV	1632492	6402413	100.00%	12.724%
6	5.896	373	377	391	rVV	182052	1226086	19.15%	2.437%
7	6.090	391	394	435	rVB	1186690	4083503	63.78%	8.115%
8	6.707	446	448	478	rBV	639717	3109949	48.57%	6.180%
9	7.793	540	543	571	rBV	226062	1231552	19.24%	2.447%
10	9.530	692	695	717	rBV	2197640	5659994	88.40%	11.248%
11	10.216	752	755	779	rBV	153251	624915	9.76%	1.242%
12	10.582	783	787	801	rBV	499673	1460337	22.81%	2.902%
13	11.416	856	860	862	rBV	72626	142204	2.22%	0.283%
14	11.771	885	891	893	rBV	32019	74605	1.17%	0.148%
15	11.874	897	900	922	rVV	1055576	3655243	57.09%	7.264%
16	12.182	924	927	939	rVB	84826	254159	3.97%	0.505%
17	12.994	995	998	1016	rVB	474801	1322229	20.65%	2.628%
18	15.622	1225	1228	1245	rVB	2355307	4793807	74.88%	9.527%
19	17.097	1354	1357	1361	rBV	175056	317877	4.96%	0.632%
20	17.177	1361	1364	1374	rVB	489444	988210	15.43%	1.964%
21	18.788	1503	1505	1512	rBV	393572	738616	11.54%	1.468%
22	19.703	1582	1585	1590	rVB2	46455	89693	1.40%	0.178%
23	20.194	1625	1628	1632	rVB	43529	86964	1.36%	0.173%
24	20.777	1675	1679	1685	rVB	41238	107250	1.68%	0.213%
25	21.452	1734	1738	1746	rBV2	37143	115643	1.81%	0.230%
26	22.263	1805	1809	1815	rVB	34862	109461	1.71%	0.218%
27	23.235	1887	1894	1901	rBV4	24089	99169	1.55%	0.197%

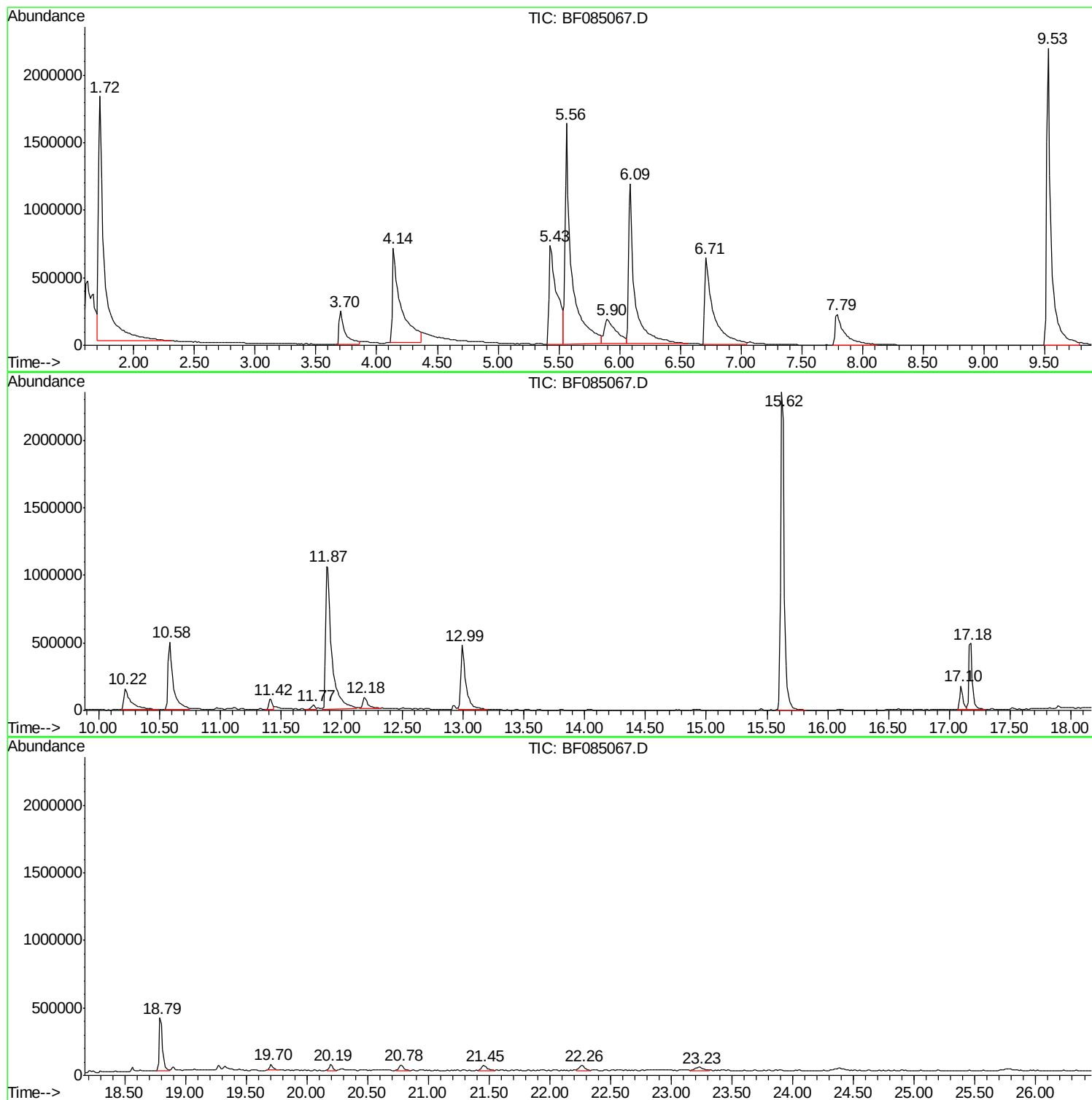
Sum of corrected areas: 50319001

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085067.D
Acq On : 13 Feb 2016 4:59
Operator : SJ/IZ
Sample : H1396-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B001(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085067.D
Acq On : 13 Feb 2016 4:59
Operator : SJ/IZ
Sample : H1396-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B001(6-8)

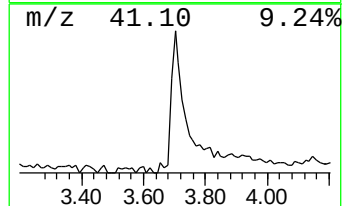
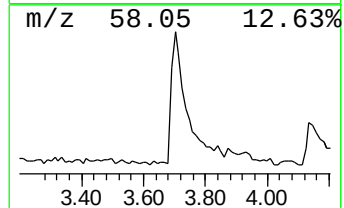
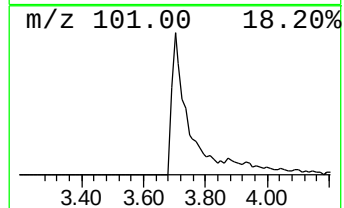
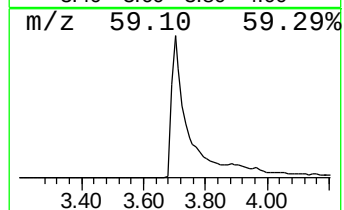
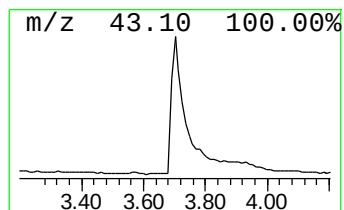
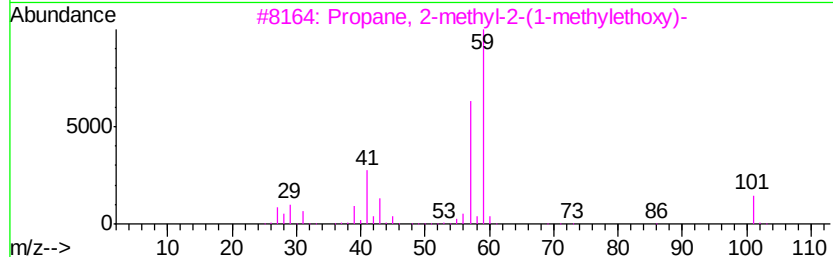
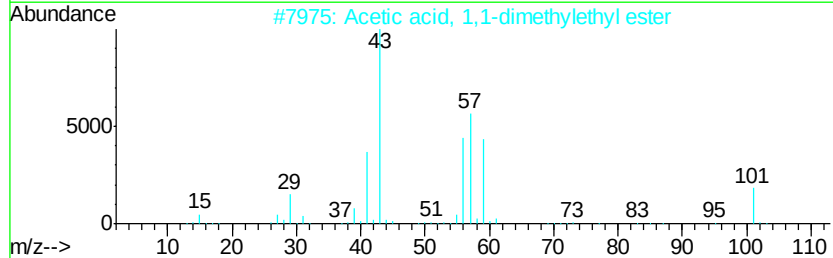
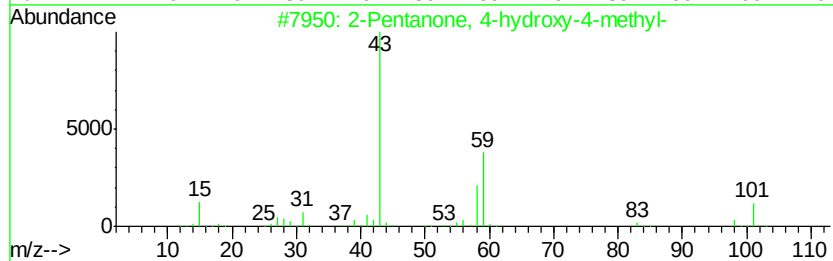
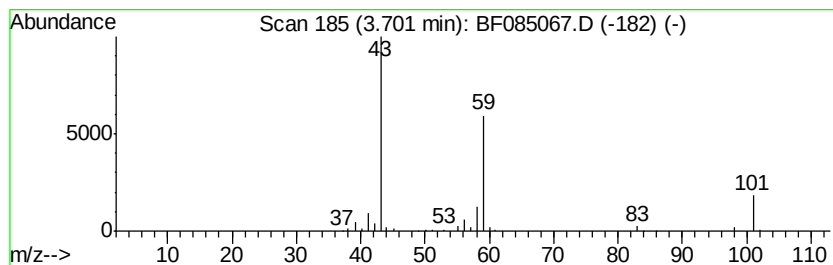
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	13.60 ng	833838	1,4-Dichlorobenzene-d4	5.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085067.D
Acq On : 13 Feb 2016 4:59
Operator : SJ/IZ
Sample : H1396-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B001(6-8)

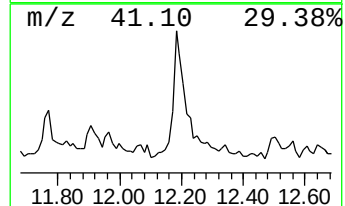
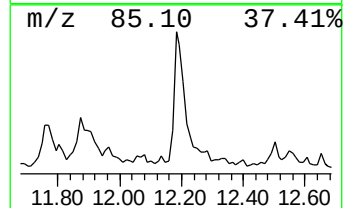
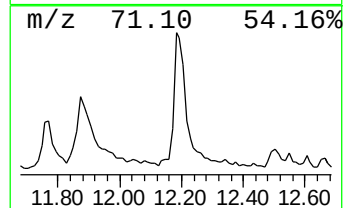
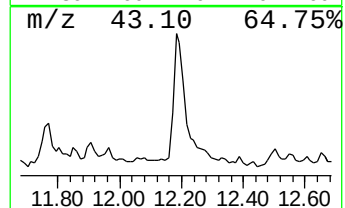
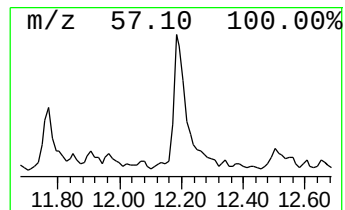
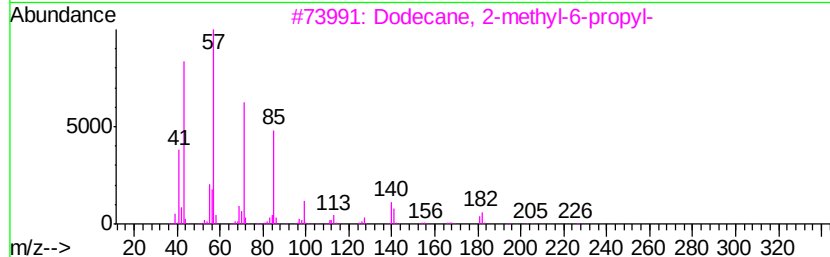
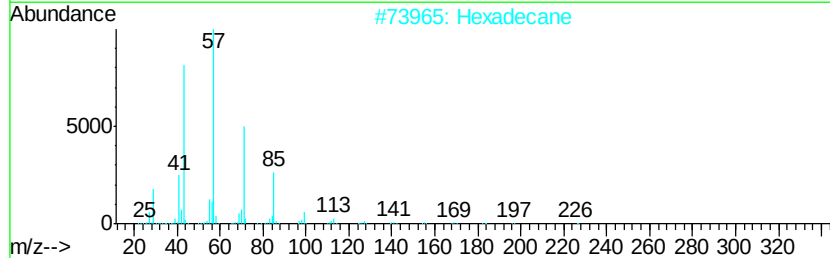
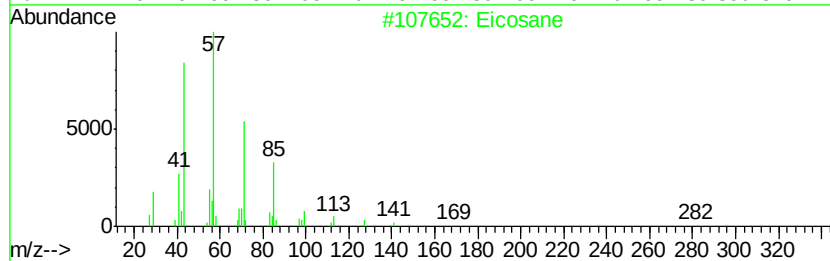
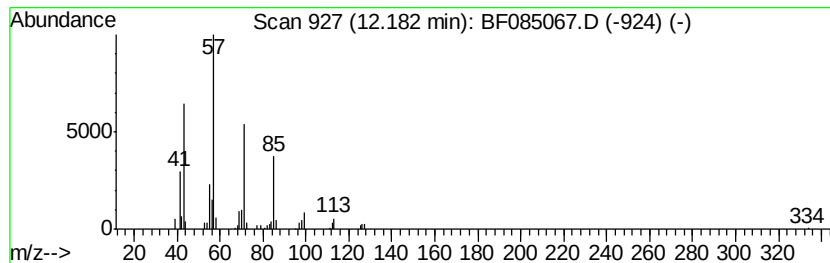
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	3.84 ng	254159	Phenanthrene-d10	12.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Hexadecane		226	C16H34	000544-76-3	90
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80
4	Heptadecane		240	C17H36	000629-78-7	80
5	Tetradecane		198	C14H30	000629-59-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085067.D
Acq On : 13 Feb 2016 4:59
Operator : SJ/IZ
Sample : H1396-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

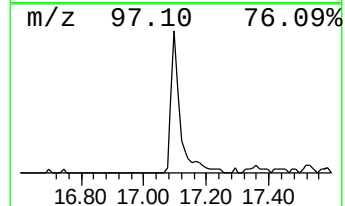
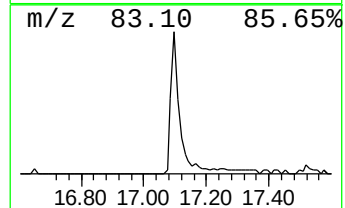
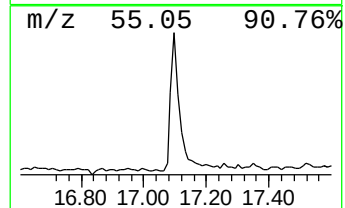
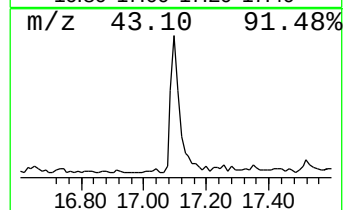
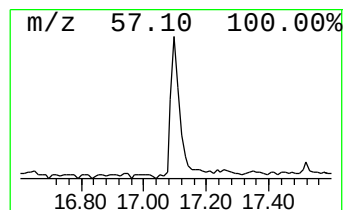
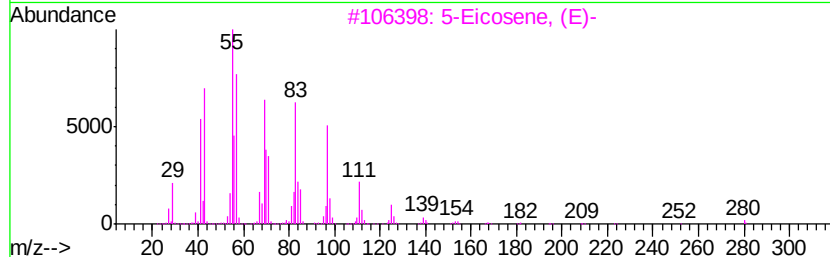
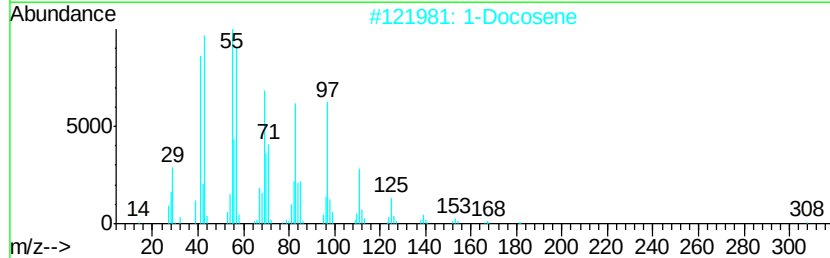
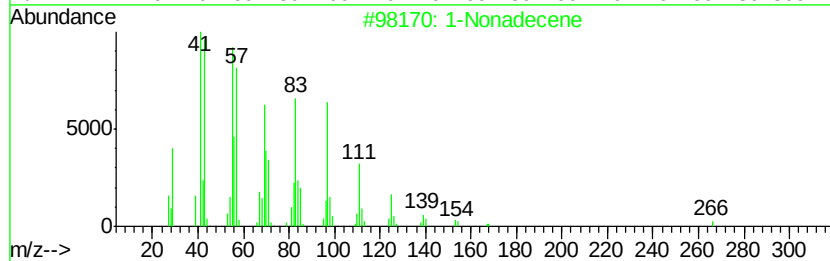
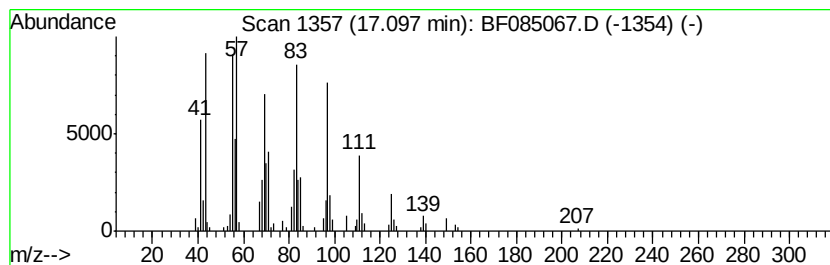
Instrument :
BNA_F
ClientSampleId :
SUP-B001(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.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-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.10	6.43 ng	317877	Chrysene-d12	17.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	1-Docosene	308	C22H44	001599-67-3	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	80
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085067.D
Acq On : 13 Feb 2016 4:59
Operator : SJ/IZ
Sample : H1396-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B001(6-8)

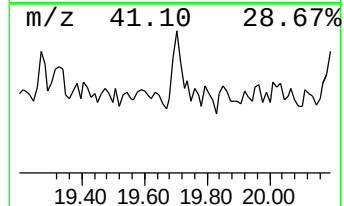
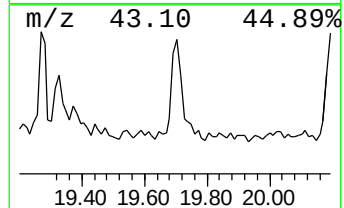
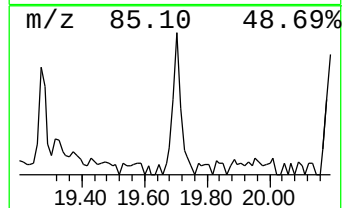
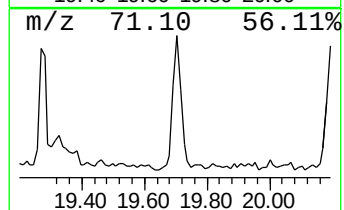
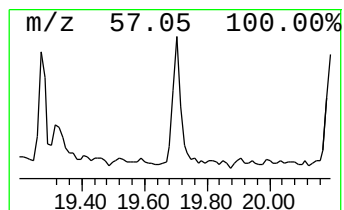
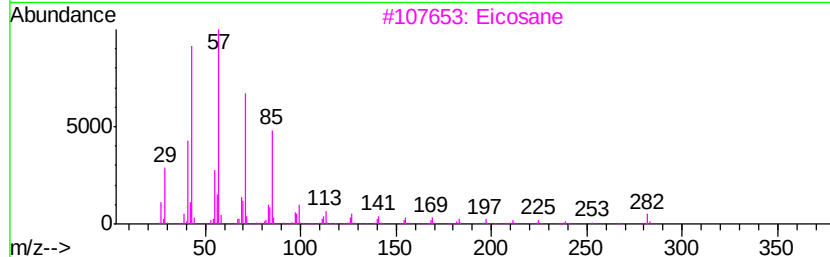
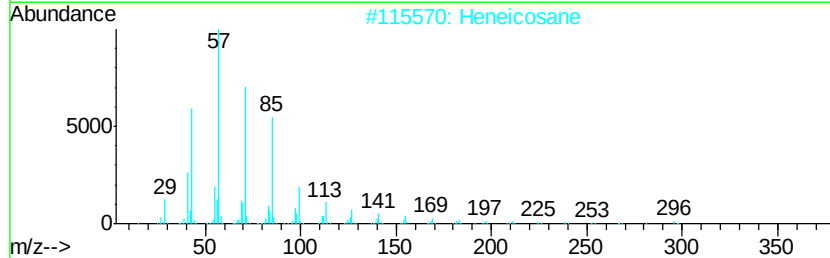
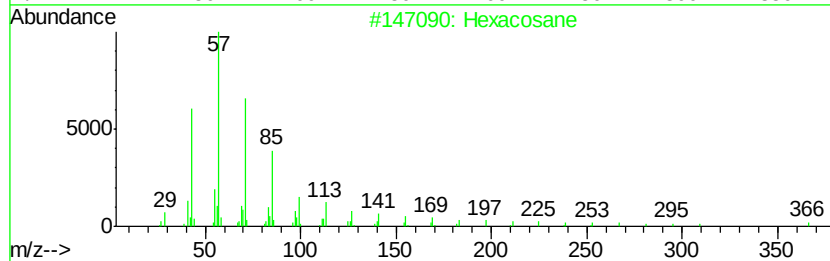
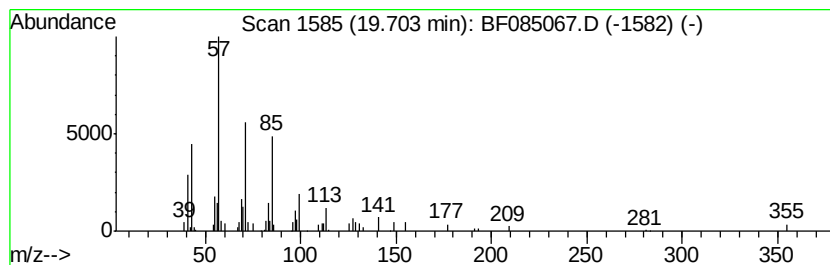
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.43 ng	89693	Perylene-d12	18.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Eicosane	282	C20H42	000112-95-8	87
4		Docosane	310	C22H46	000629-97-0	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085067.D
Acq On : 13 Feb 2016 4:59
Operator : SJ/IZ
Sample : H1396-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B001(6-8)

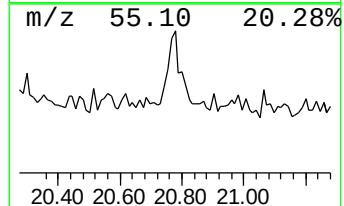
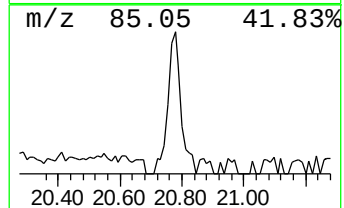
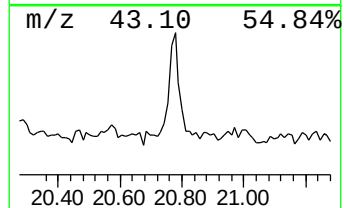
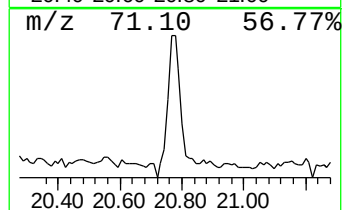
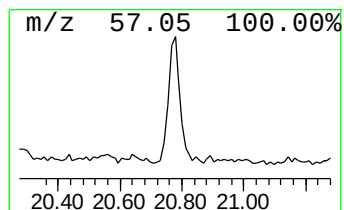
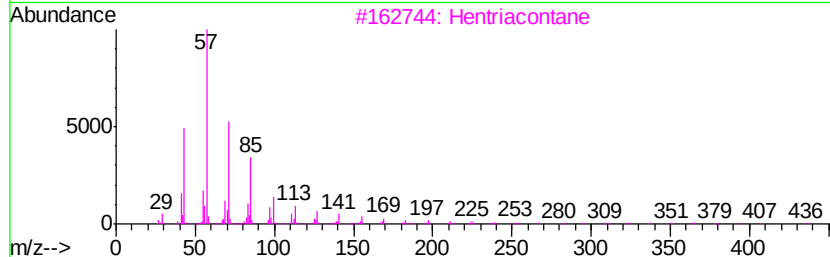
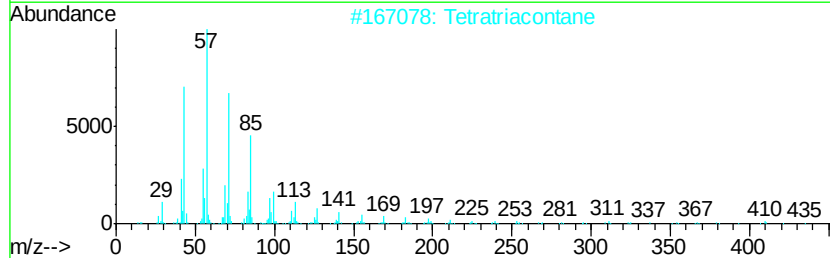
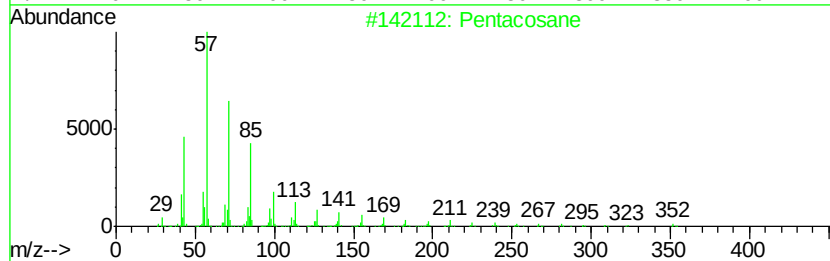
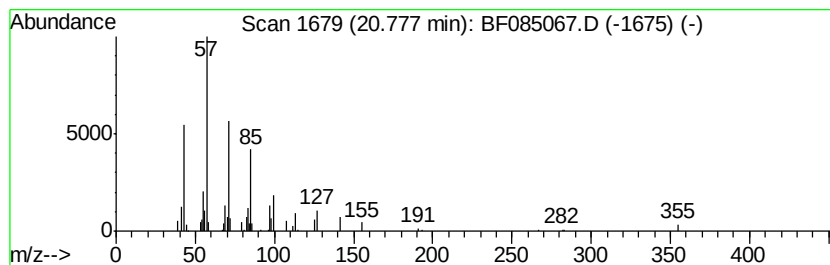
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	2.90 ng	107250	Perylene-d12	18.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085067.D
Acq On : 13 Feb 2016 4:59
Operator : SJ/IZ
Sample : H1396-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B001(6-8)

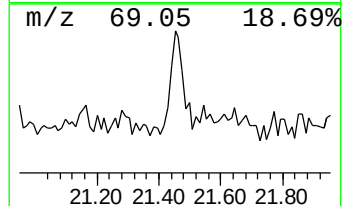
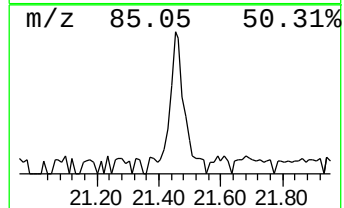
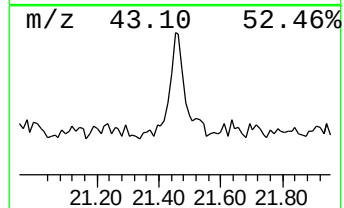
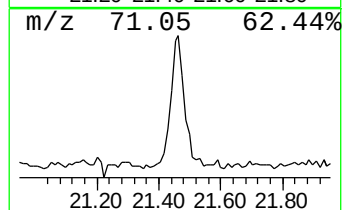
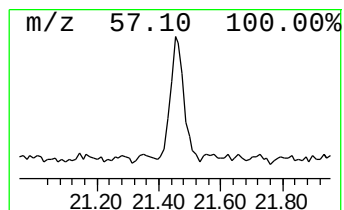
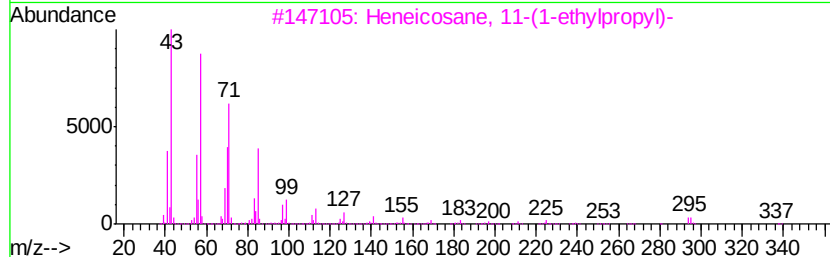
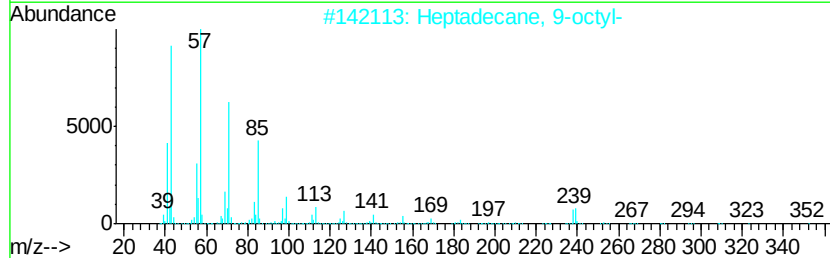
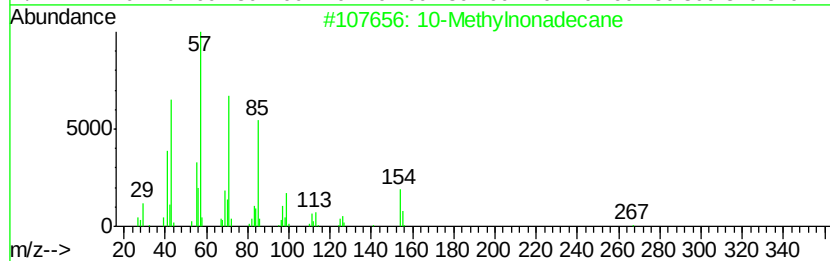
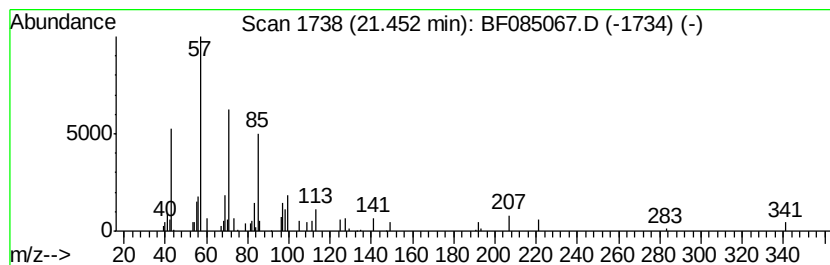
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 10-Methylnonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	3.13 ng	115643	Perylene-d12	18.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methylnonadecane	282	C20H42	056862-62-5	80
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72
3			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	72
4			Heptadecane	240	C17H36	000629-78-7	72
5			Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085067.D
Acq On : 13 Feb 2016 4:59
Operator : SJ/IZ
Sample : H1396-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B001(6-8)

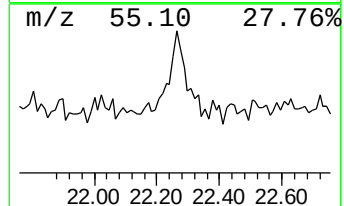
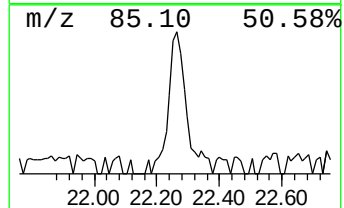
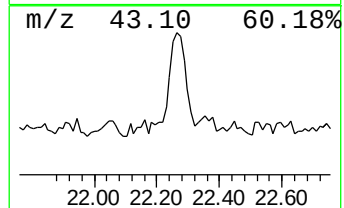
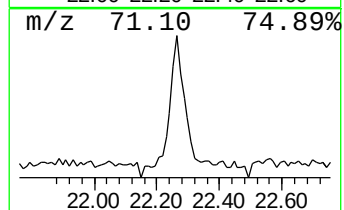
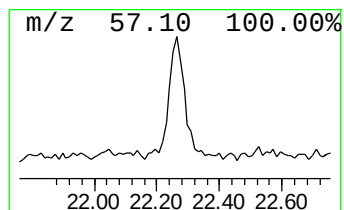
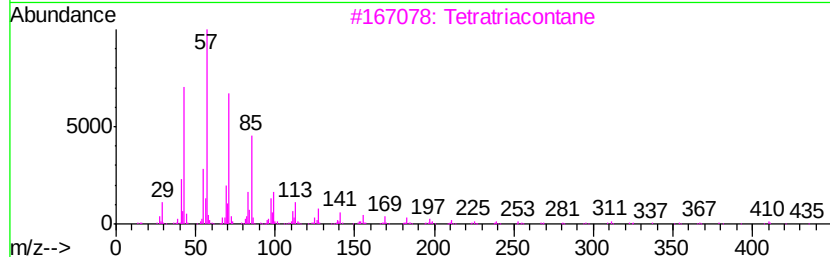
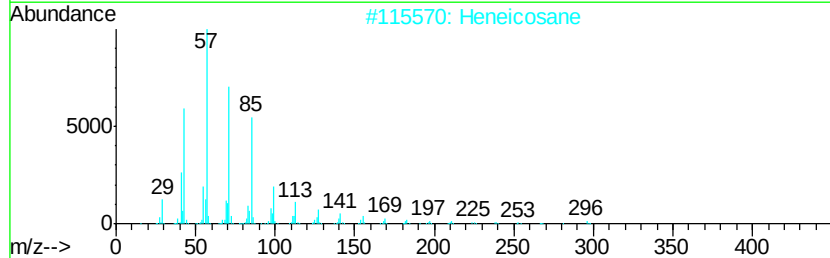
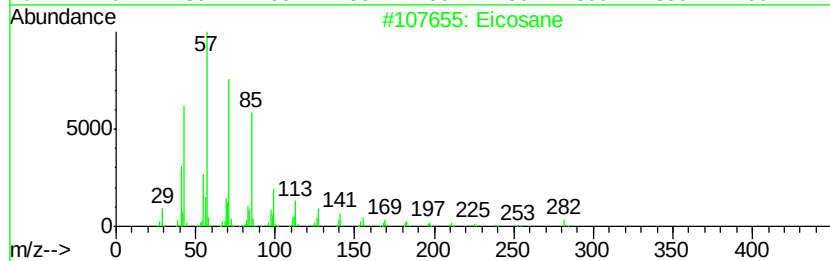
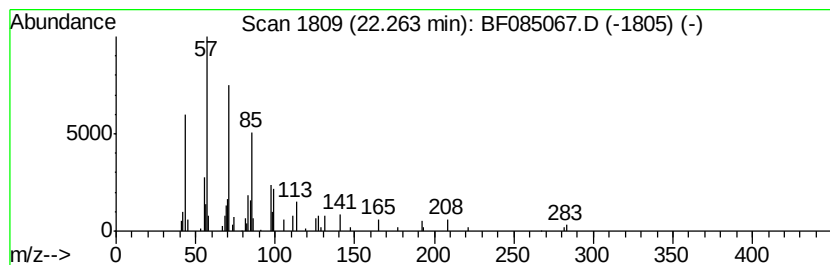
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.96 ng	109461	Perylene-d12	18.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heneicosane	296	C21H44	000629-94-7	80
3		Tetratriacontane	479	C34H70	014167-59-0	80
4		Hexacosane	366	C26H54	000630-01-3	80
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085067.D
Acq On : 13 Feb 2016 4:59
Operator : SJ/IZ
Sample : H1396-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B001(6-8)

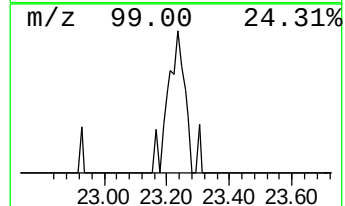
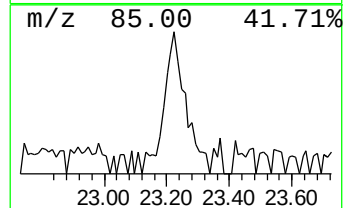
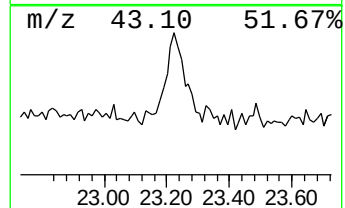
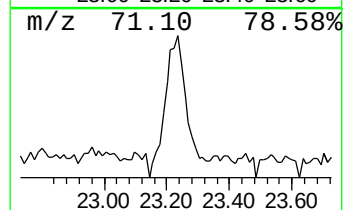
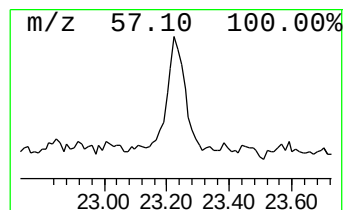
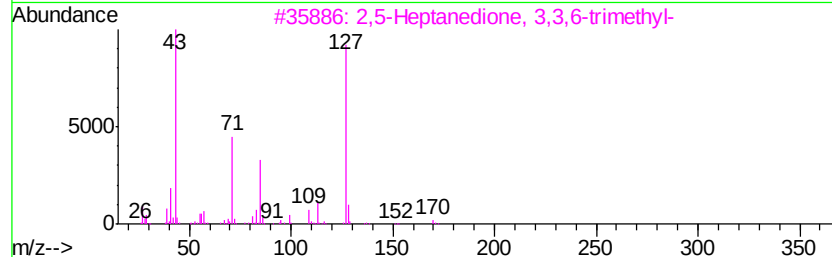
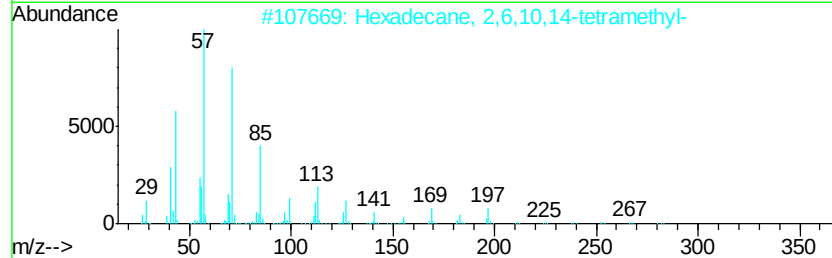
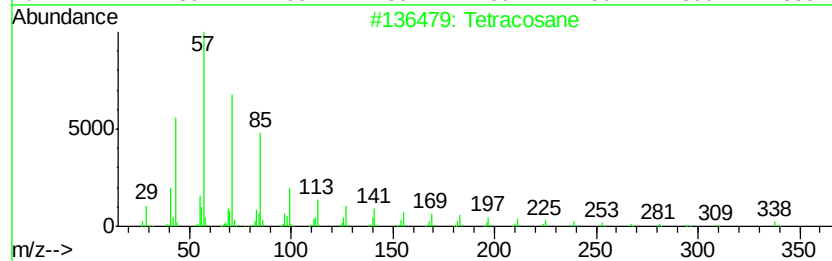
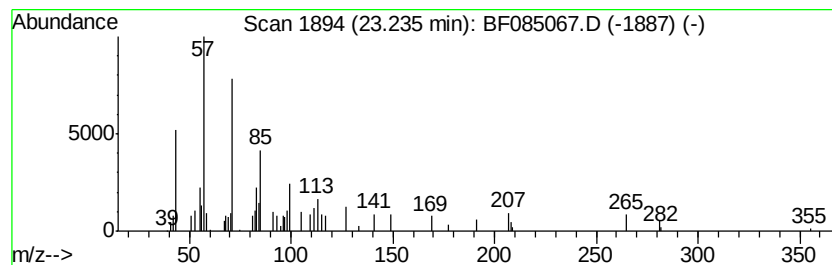
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	2.69 ng	99169	Perylene-d12	18.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	72
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
3		2,5-Heptanedione, 3,3,6-trimethyl-	170	C10H18O2	051513-40-7	59
4		Heneicosane	296	C21H44	000629-94-7	59
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085067.D
Acq On : 13 Feb 2016 4:59
Operator : SJ/IZ
Sample : H1396-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B001(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.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...	3.70	13.6	ng	833838	1	5.90	1226090	20.0
Eicosane	12.18	3.8	ng	254159	4	12.99	1322230	20.0
1-Nonadecene	17.10	6.4	ng	317877	5	17.18	988210	20.0
Hexacosane	19.70	2.4	ng	89693	6	18.79	738616	20.0
Pentacosane	20.78	2.9	ng	107250	6	18.79	738616	20.0
10-Methylnonadecane	21.45	3.1	ng	115643	6	18.79	738616	20.0
Heneicosane	22.26	3.0	ng	109461	6	18.79	738616	20.0
Tetracosane	23.23	2.7	ng	99169	6	18.79	738616	20.0