

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092048.D
 Acq On : 30 Dec 2016 15:54
 Operator : UM/SJ
 Sample : H6314-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

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-BF122116.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	2.167	4	7	14	rVB4	17906	74204	1.13%	0.145%
2	4.818	237	239	248	rVB	651613	912842	13.86%	1.782%
3	5.287	277	280	291	rVB	2888767	3088289	46.88%	6.030%
4	6.339	369	372	374	rBV	2147791	1893543	28.74%	3.697%
5	6.453	379	382	385	rBV	5488921	5163555	78.38%	10.082%
6	6.681	399	402	404	rBV	1451732	1430332	21.71%	2.793%
7	6.841	413	416	418	rBV	4653117	5565272	84.48%	10.866%
8	7.253	449	452	454	rBV	4309895	4704265	71.41%	9.185%
9	7.962	512	514	517	rBV	1518198	1723978	26.17%	3.366%
10	9.047	606	609	612	rBV	6406456	6587813	100.00%	12.863%
11	9.447	641	644	645	rBV	62295	72124	1.09%	0.141%
12	9.722	665	668	670	rVB	1458077	1918167	29.12%	3.745%
13	9.939	681	687	689	rBV5	28951	79517	1.21%	0.155%
14	10.133	703	704	708	rVB3	61763	125350	1.90%	0.245%
15	10.510	734	737	739	rBV	3707827	4106421	62.33%	8.018%
16	10.636	745	748	752	rVB	52224	82946	1.26%	0.162%
17	11.196	794	797	799	rBV	2078314	1769849	26.87%	3.456%
18	11.413	815	816	822	rVB2	33900	70921	1.08%	0.138%
19	11.745	842	845	851	rBV2	374674	577115	8.76%	1.127%
20	12.442	903	906	910	rBV3	33126	102253	1.55%	0.200%
21	12.522	910	913	916	rBV2	448087	714349	10.84%	1.395%
22	12.785	933	936	939	rBV	5039690	5244086	79.60%	10.239%
23	13.688	1013	1015	1019	rBV3	97206	146553	2.22%	0.286%
24	13.825	1024	1027	1030	rBV	1284468	1261804	19.15%	2.464%
25	14.979	1124	1128	1136	rVB2	197103	819548	12.44%	1.600%
26	15.208	1145	1148	1151	rBV	1219854	1451480	22.03%	2.834%
27	16.488	1257	1260	1279	rVB2	167604	910745	13.82%	1.778%
28	18.283	1411	1417	1426	rVB	115252	617688	9.38%	1.206%

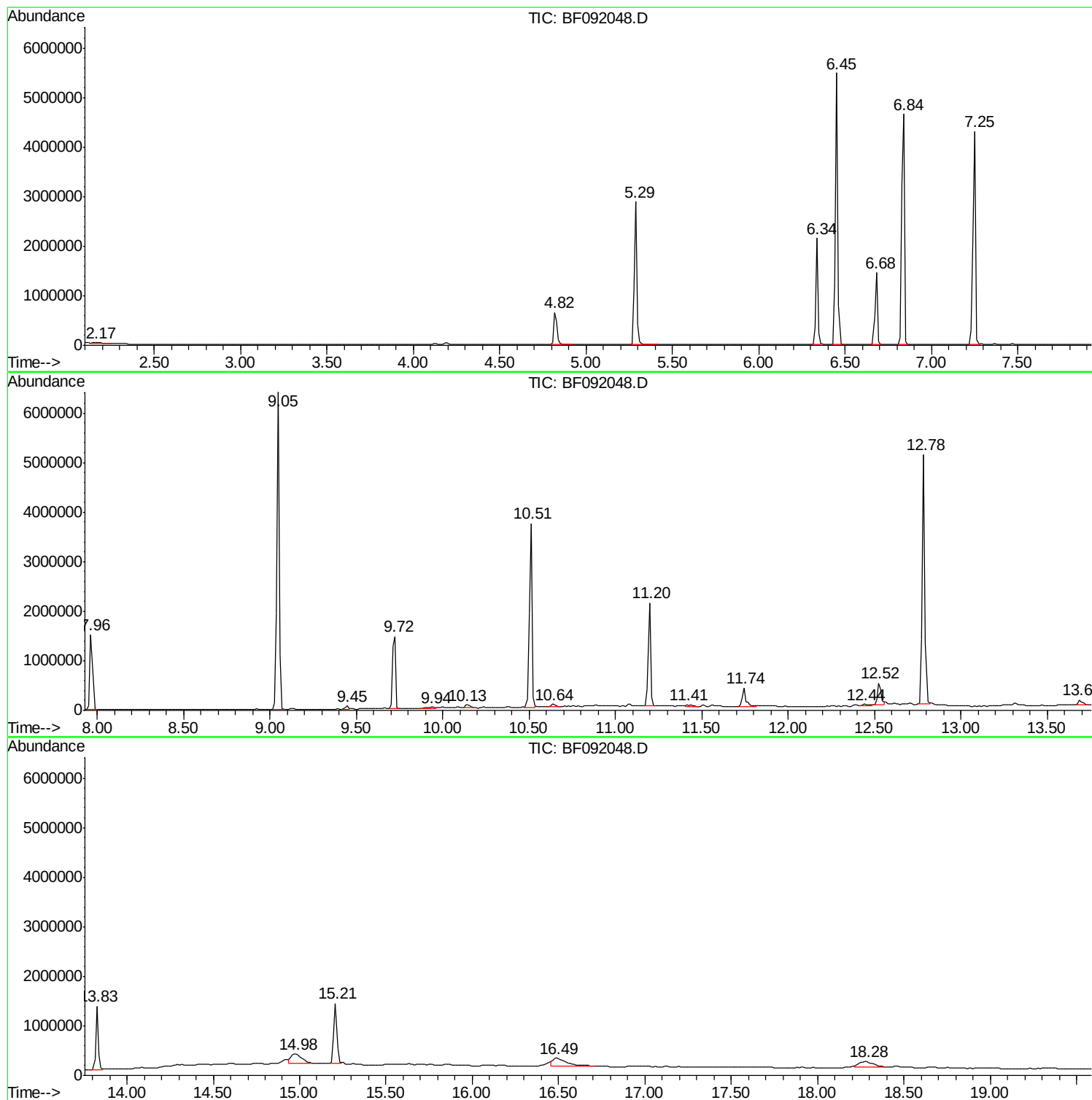
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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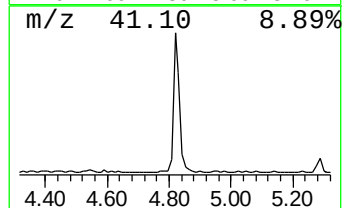
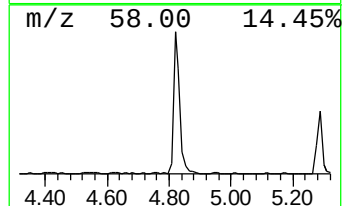
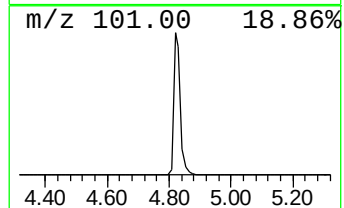
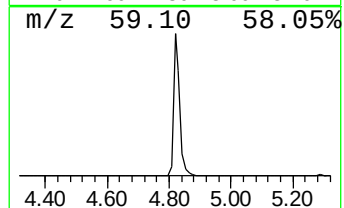
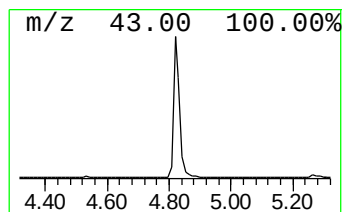
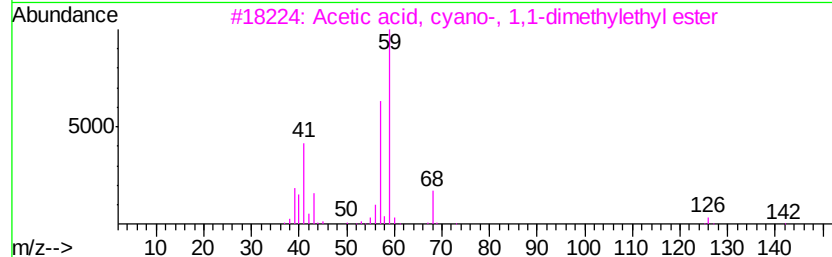
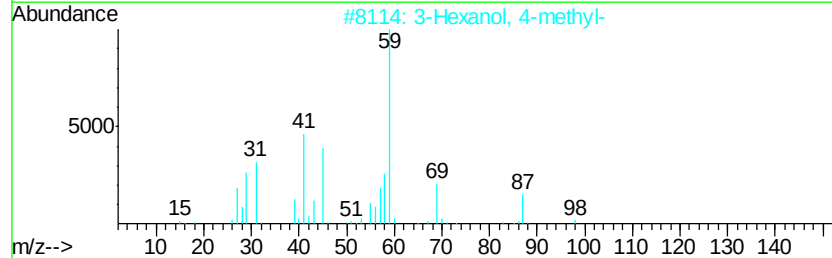
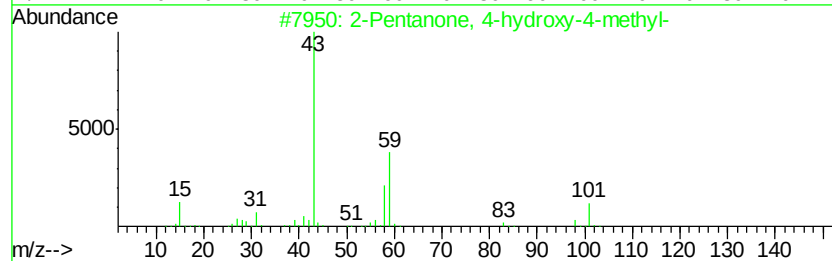
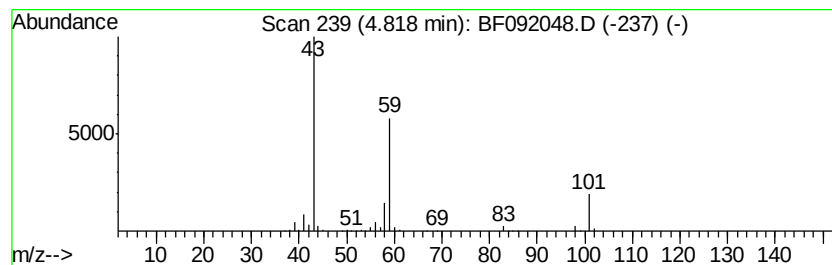
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	12.76 ng	912842	1,4-Dichlorobenzene-d4	6.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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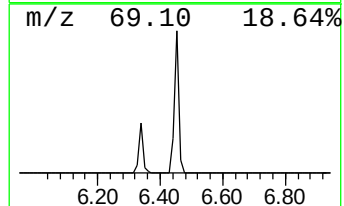
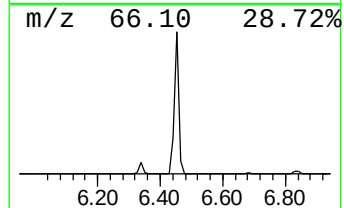
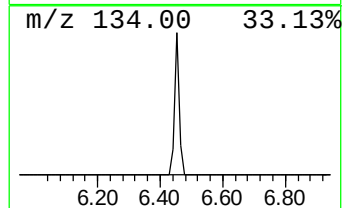
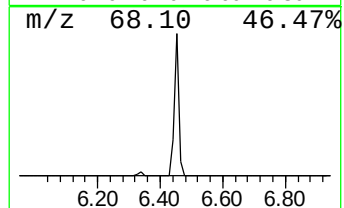
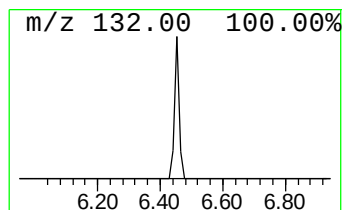
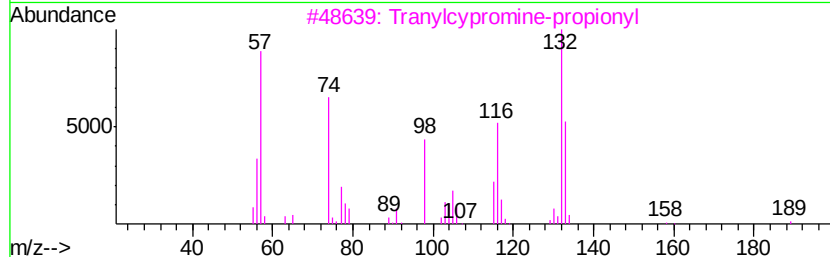
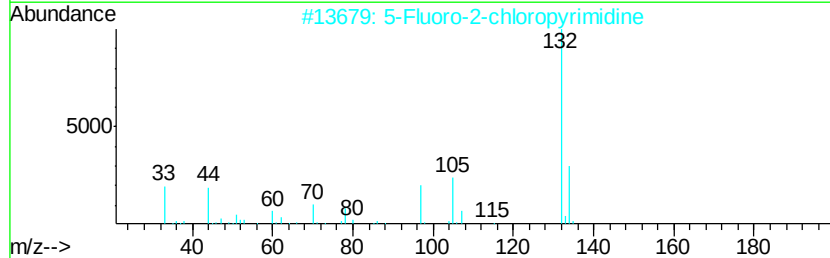
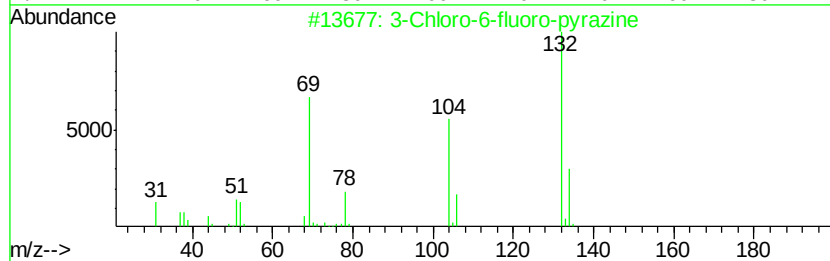
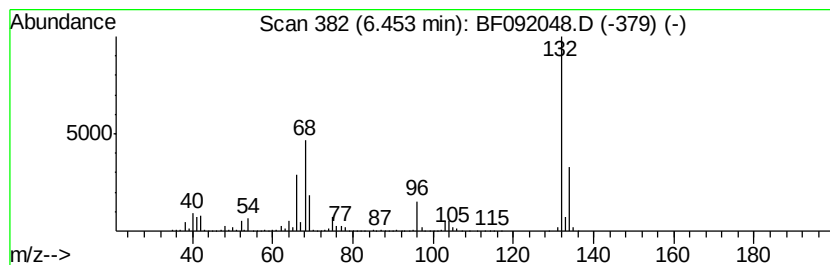
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.45 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	72.20 ng	5163560	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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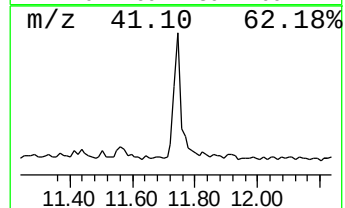
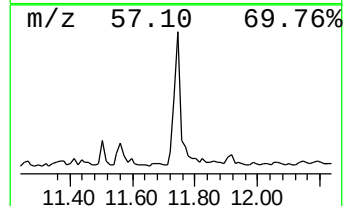
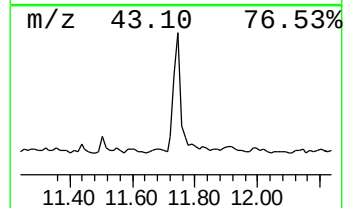
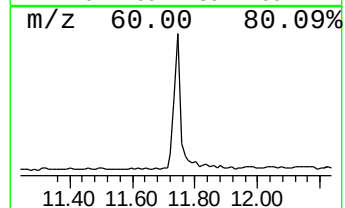
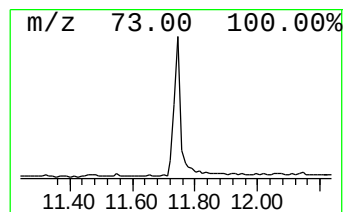
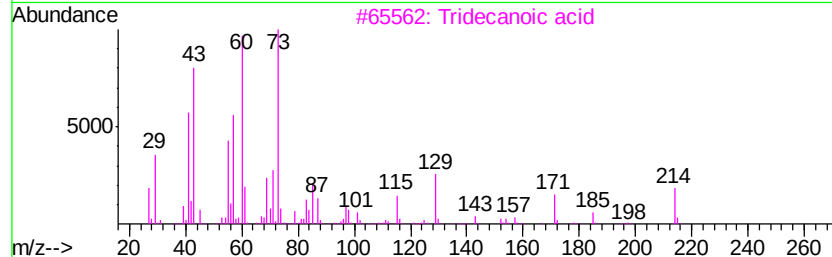
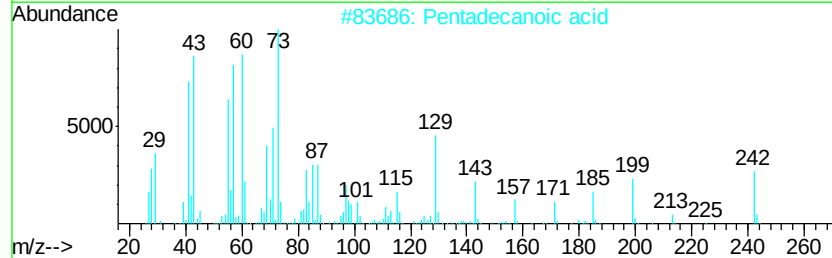
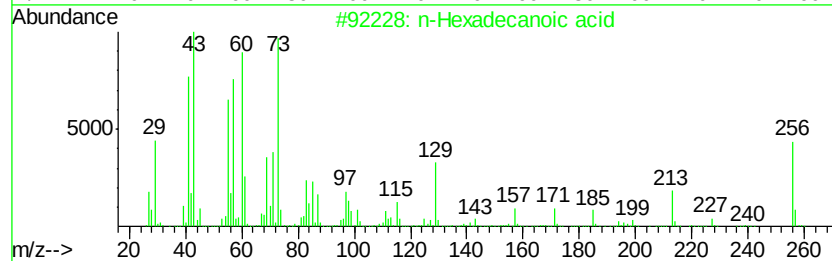
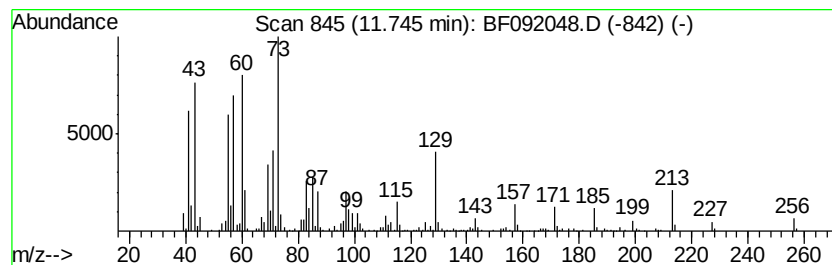
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.74	6.52 ng	577115	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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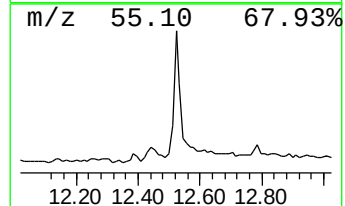
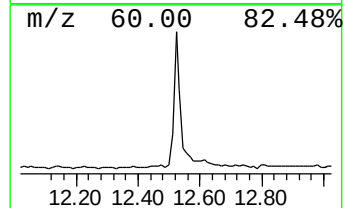
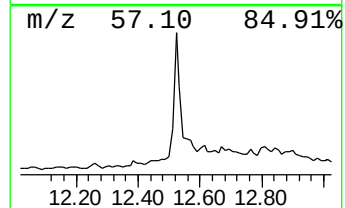
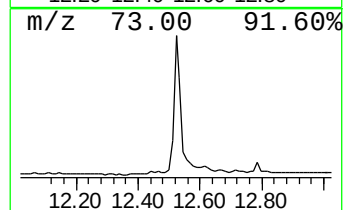
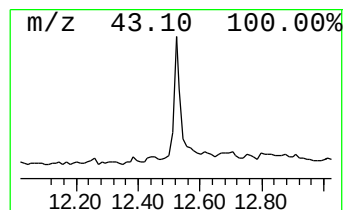
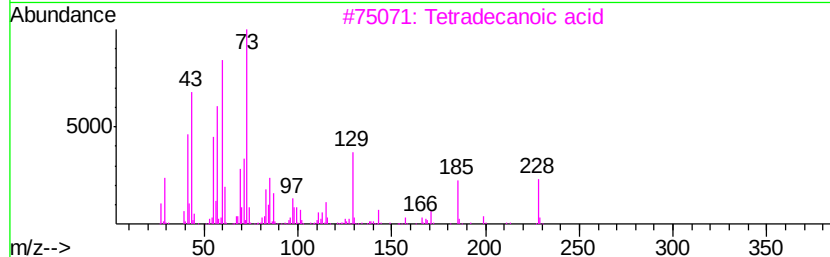
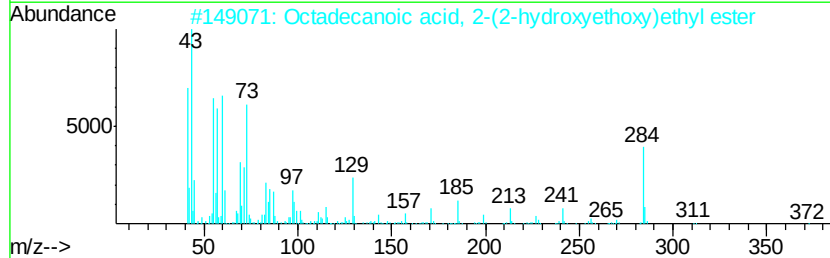
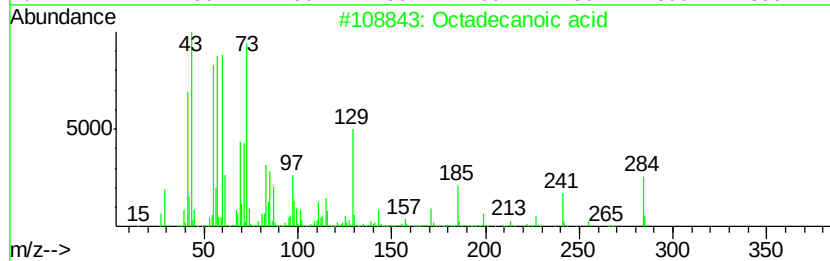
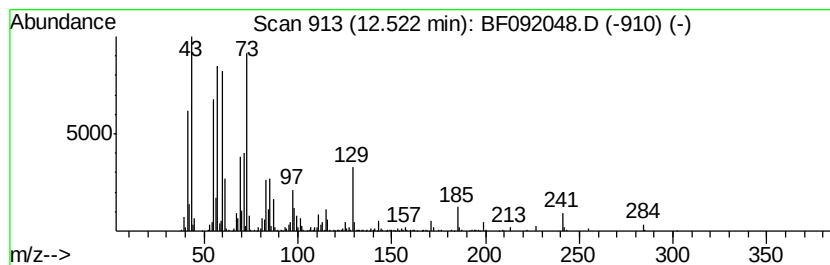
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	11.32 ng	714349	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		Undecane	156	C11H24	001120-21-4	25



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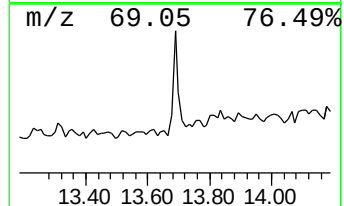
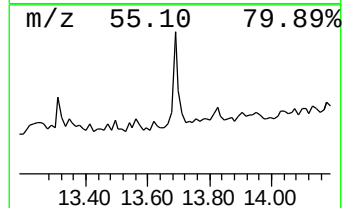
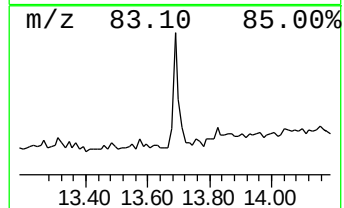
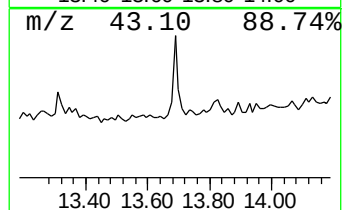
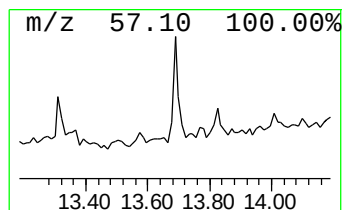
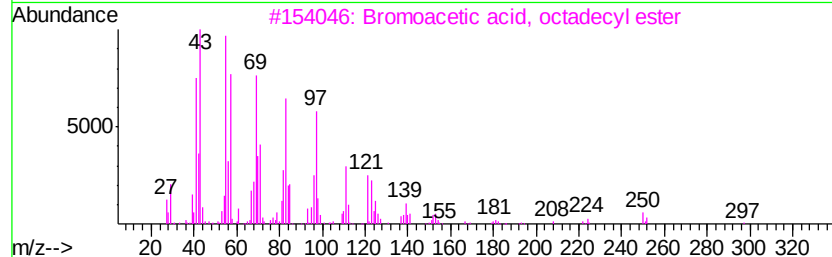
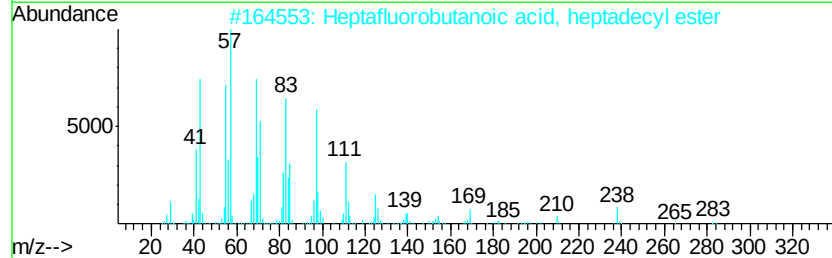
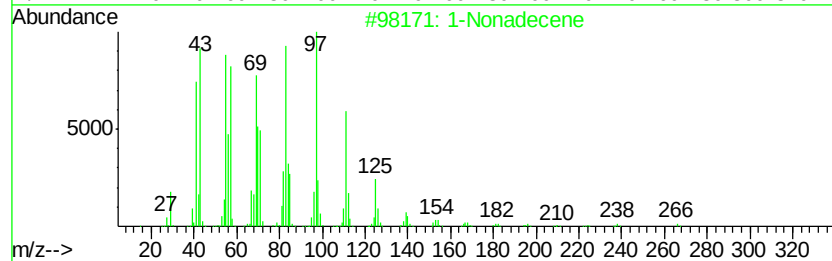
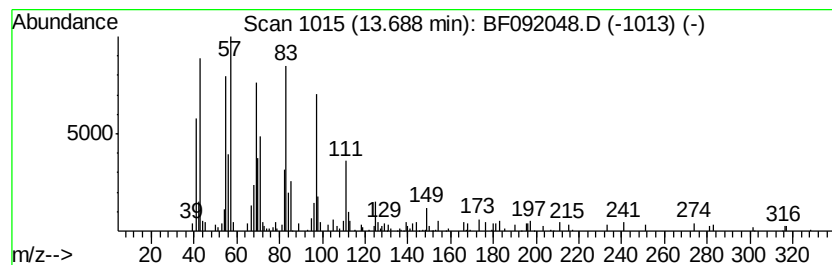
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 1-Nonadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	2.32 ng	146553	Chrysene-d12	13.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	91
2	Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3	91
3	Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5	91
4	Cyclotetradecane	196 C14H28	000295-17-0	90
5	Pentafluoropropionic acid, penta...	374 C18H31F5O2	1000280-07-5	86



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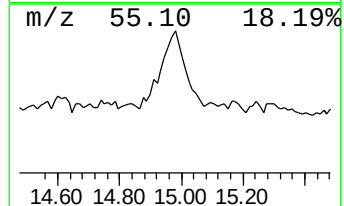
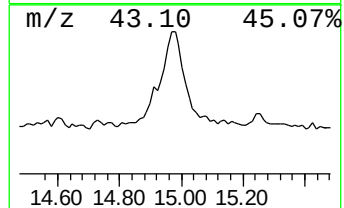
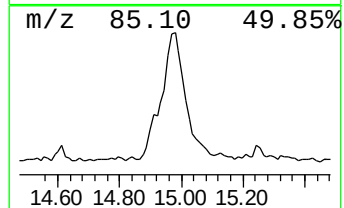
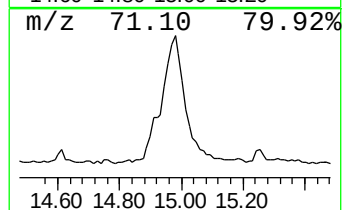
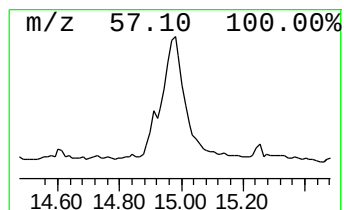
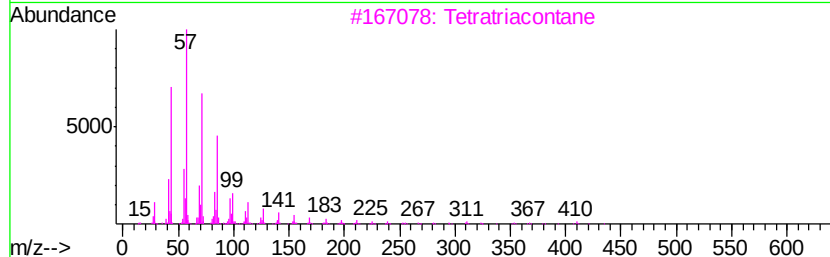
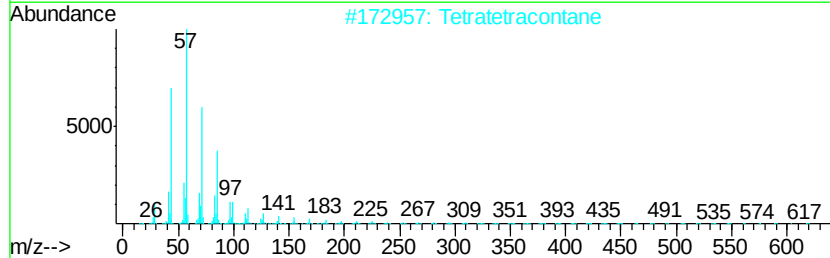
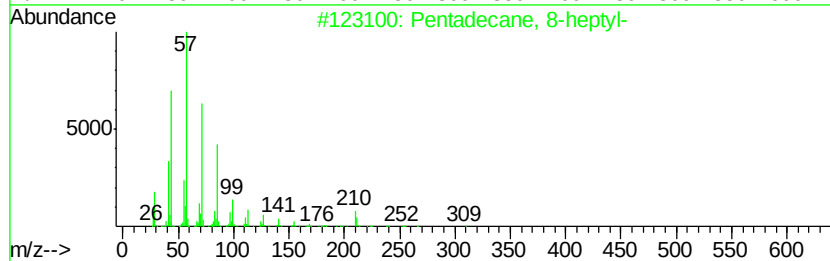
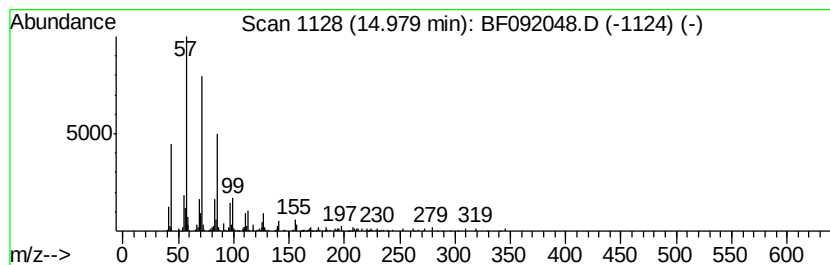
Instrument :
BNA_F
ClientSampleId :
MW-26

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 8-heptyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	11.29 ng	819548	Perylene-d12	15.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	91
2	Tetratetracontane	619 C44H90	007098-22-8	91
3	Tetratriacontane	479 C34H70	014167-59-0	91
4	Tetracosane, 11-decyl-	479 C34H70	055429-84-0	91
5	Docosane, 11-decyl-	451 C32H66	055401-55-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092048.D
Acq On : 30 Dec 2016 15:54
Operator : UM/SJ
Sample : H6314-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

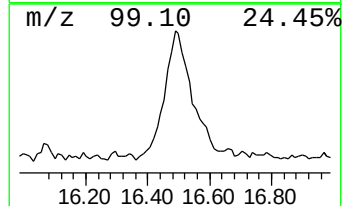
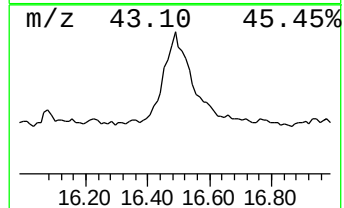
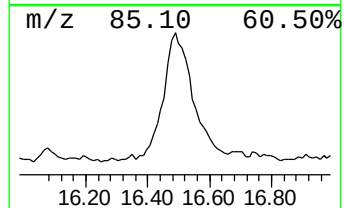
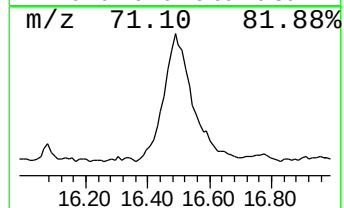
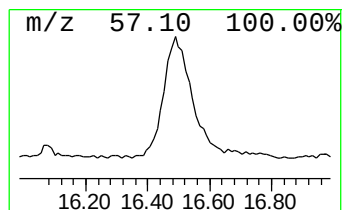
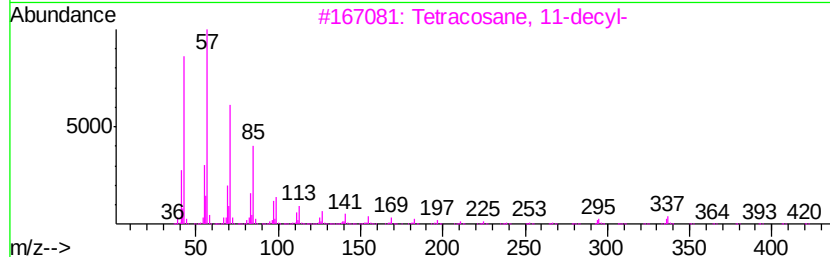
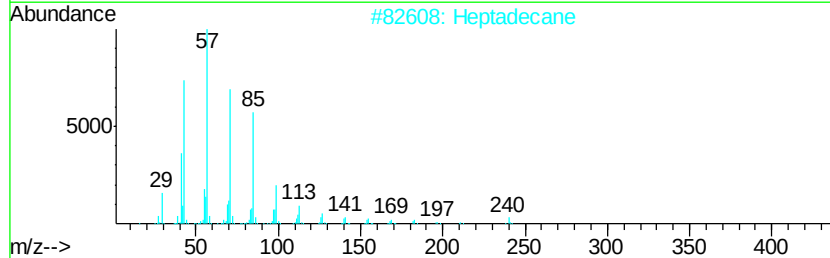
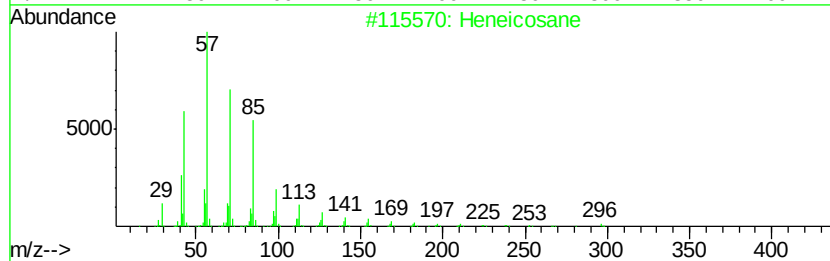
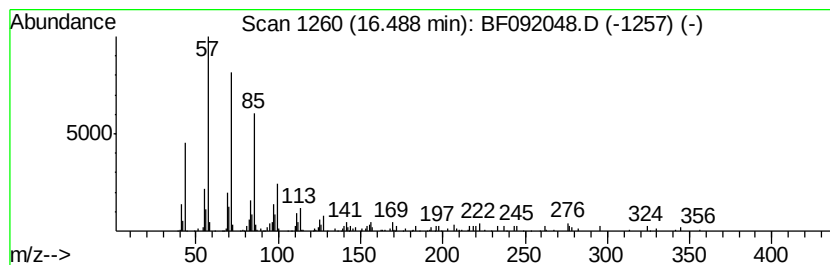
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	12.55 ng	910745	Perylene-d12	15.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	90
2	Heptadecane	240 C17H36	000629-78-7	83
3	Tetracosane, 11-decyl-	479 C34H70	055429-84-0	80
4	10-Methylnonadecane	282 C20H42	056862-62-5	80
5	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092048.D
Acq On : 30 Dec 2016 15:54
Operator : UM/SJ
Sample : H6314-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-26

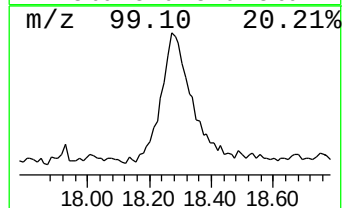
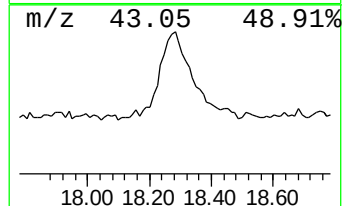
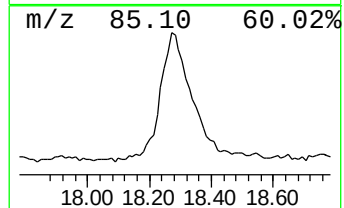
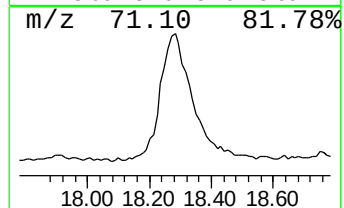
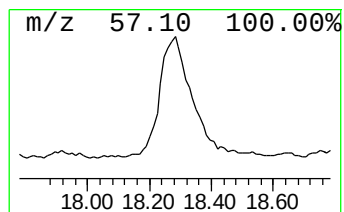
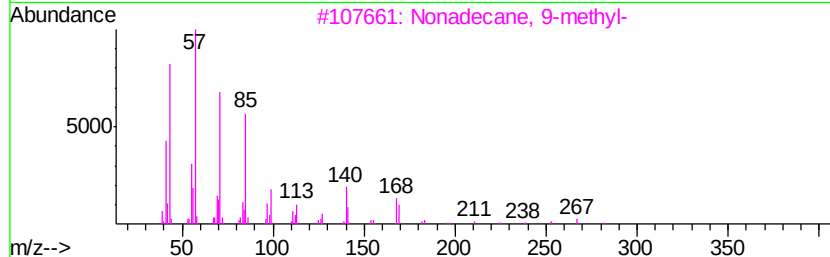
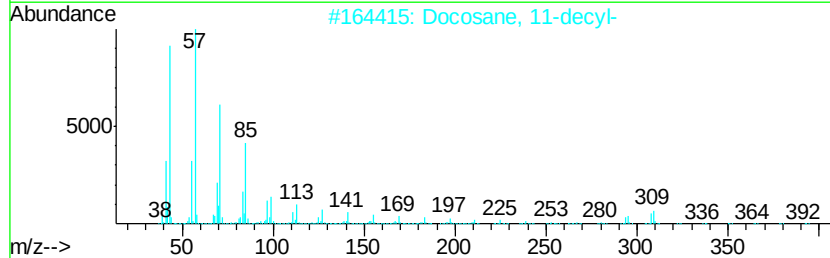
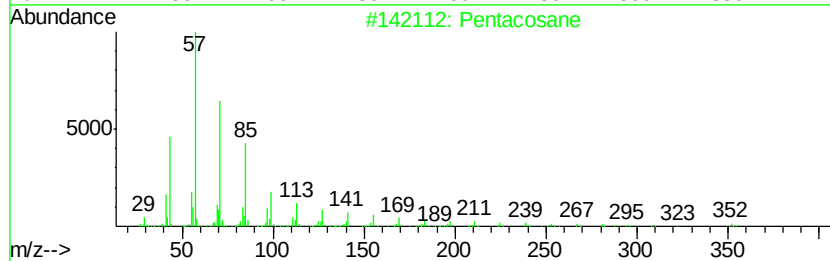
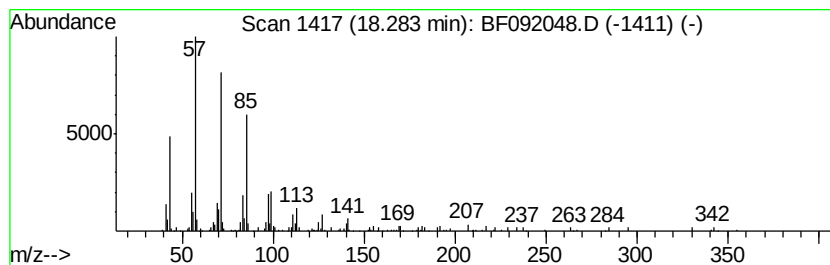
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	8.51 ng	617688	Perylene-d12	15.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	90
2	Docosane, 11-decyl-		451	C32H66	055401-55-3	86
3	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	86
4	Octadecane		254	C18H38	000593-45-3	80
5	Pentadecane, 8-heptyl-		310	C22H46	071005-15-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092048.D
Acq On : 30 Dec 2016 15:54
Operator : UM/SJ
Sample : H6314-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-26

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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...	4.82	12.8	ng	912842	1	6.68	1430330	20.0
unknown6.45	6.45	72.2	ng	5163560	1	6.68	1430330	20.0
n-Hexadecanoic acid	11.74	6.5	ng	577115	4	11.20	1769850	20.0
Octadecanoic acid	12.52	11.3	ng	714349	5	13.82	1261800	20.0
1-Nonadecene	13.69	2.3	ng	146553	5	13.82	1261800	20.0
Pentadecane, 8-he...	14.98	11.3	ng	819548	6	15.21	1451480	20.0
Heneicosane	16.49	12.6	ng	910745	6	15.21	1451480	20.0
Pentacosane	18.28	8.5	ng	617688	6	15.21	1451480	20.0