

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
 Data File : BF090308.D
 Acq On : 30 Sep 2016 1:37
 Operator : UM/SJ
 Sample : H5015-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4

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-BF092016.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	1.644	3	5	13	rBV	272419	632383	21.43%	2.675%
2	4.536	256	258	268	rBV	287175	514551	17.44%	2.176%
3	5.027	298	301	303	rBV	2017268	2697105	91.41%	11.407%
4	6.125	393	397	399	rBV	2424787	2950496	100.00%	12.479%
5	6.227	403	406	408	rBV	2745690	2691947	91.24%	11.385%
6	6.456	424	426	429	rBV	767118	740287	25.09%	3.131%
7	6.616	437	440	442	rBV	2137661	1986860	67.34%	8.403%
8	7.039	474	477	479	rBV	1146435	1637891	55.51%	6.927%
9	7.748	537	539	541	rBV	1123720	959467	32.52%	4.058%
10	8.833	631	634	636	rBV	2554623	2243843	76.05%	9.490%
11	9.233	667	669	671	rBV	942291	780735	26.46%	3.302%
12	9.496	690	692	694	rBV	1135336	1008181	34.17%	4.264%
13	10.285	758	761	763	rBV2	822309	1183778	40.12%	5.007%
14	10.422	769	773	778	rVB2	36568	76163	2.58%	0.322%
15	10.959	818	820	823	rBV2	576284	708169	24.00%	2.995%
16	12.548	957	959	961	rBV	1288495	1133856	38.43%	4.796%
17	13.474	1037	1040	1043	rBV	48523	75331	2.55%	0.319%
18	13.577	1046	1049	1058	rVV	661374	654058	22.17%	2.766%
19	14.102	1092	1095	1098	rBV	56227	86152	2.92%	0.364%
20	14.342	1114	1116	1118	rBV	26263	31795	1.08%	0.134%
21	14.514	1129	1131	1133	rBV	29789	33946	1.15%	0.144%
22	14.674	1142	1145	1149	rBV	91009	127847	4.33%	0.541%
23	14.903	1162	1165	1169	rBV	470062	508493	17.23%	2.151%
24	15.131	1182	1185	1189	rBV	31884	50786	1.72%	0.215%
25	15.314	1198	1201	1203	rBV	46971	69216	2.35%	0.293%
26	15.920	1251	1254	1260	rBV	31454	60411	2.05%	0.256%

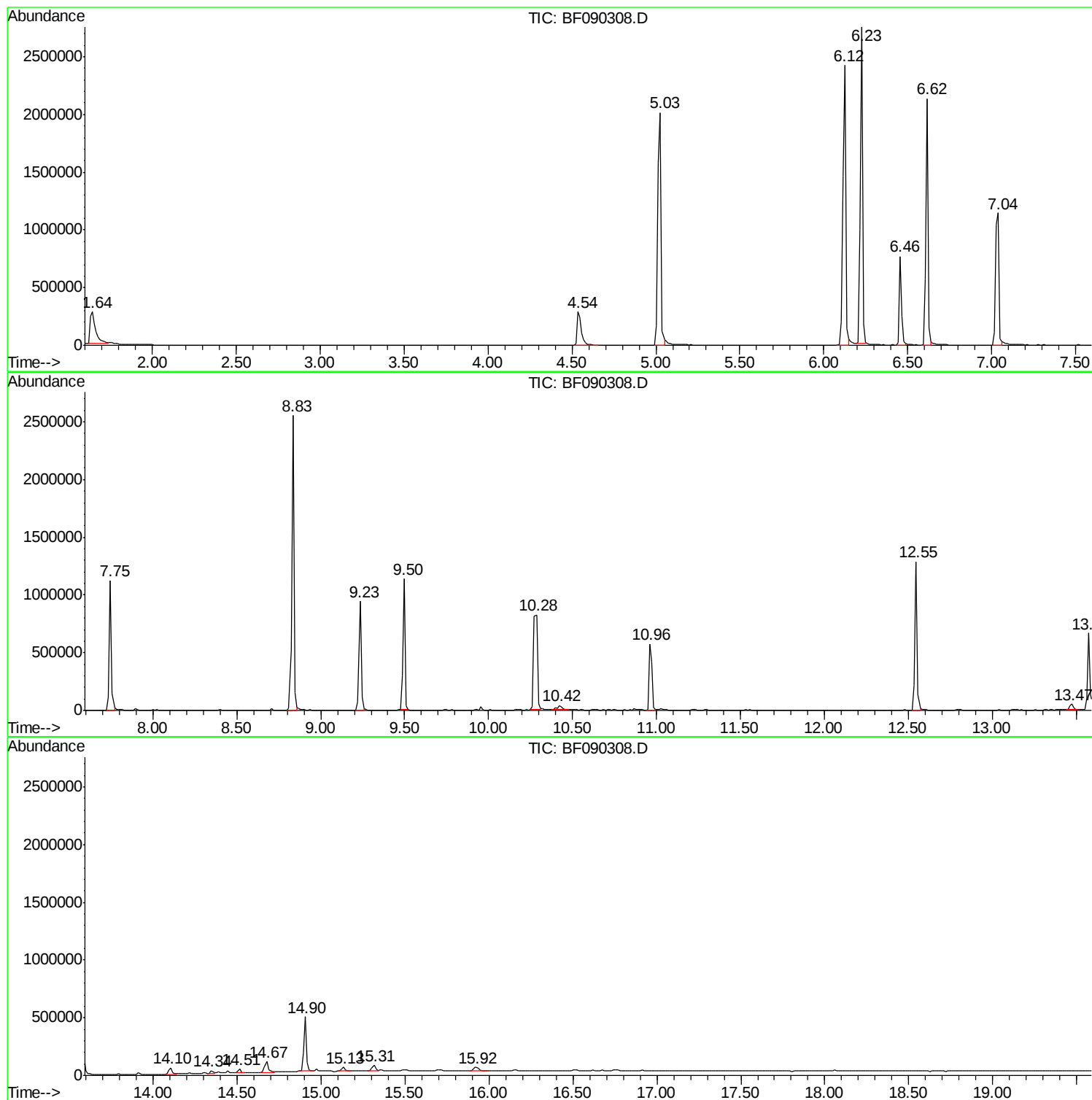
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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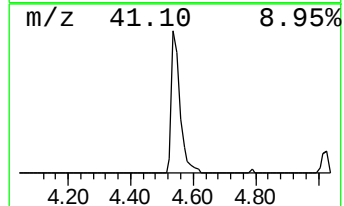
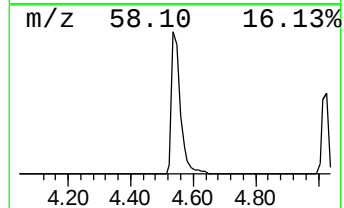
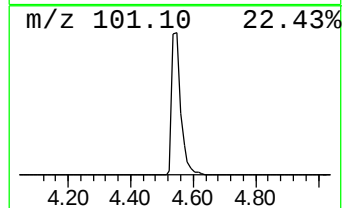
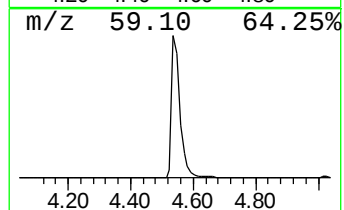
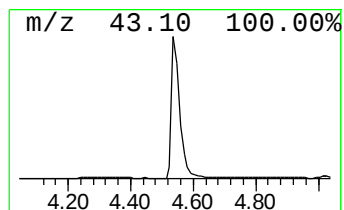
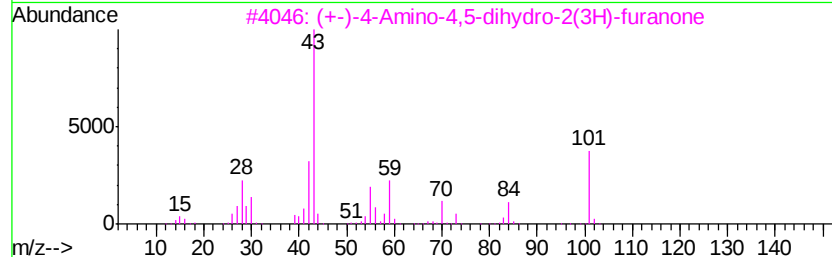
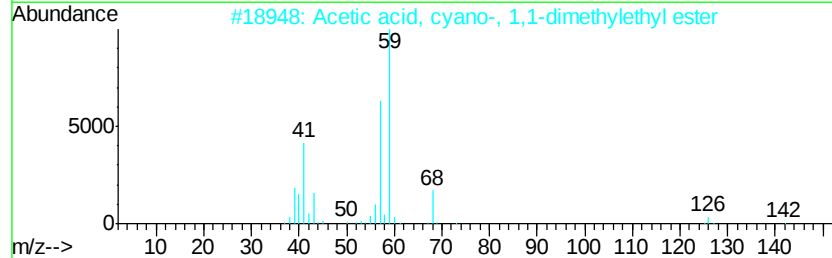
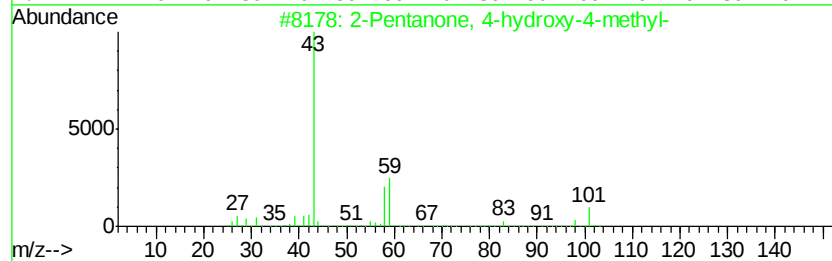
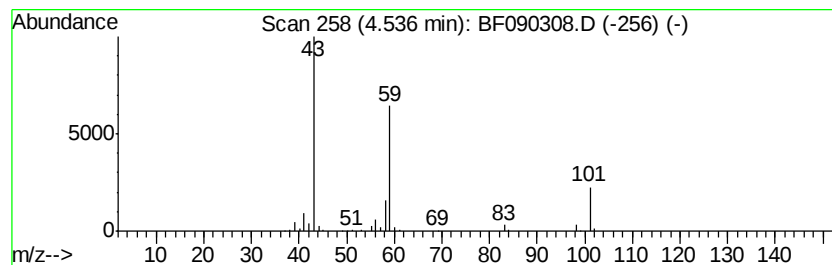
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
4.54	13.90 ng	514551	1,4-Dichlorobenzene-d4	6.46

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, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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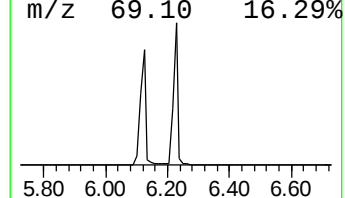
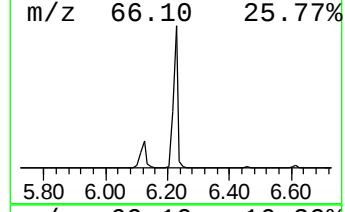
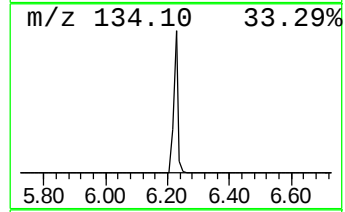
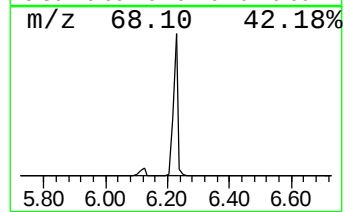
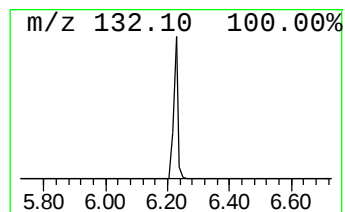
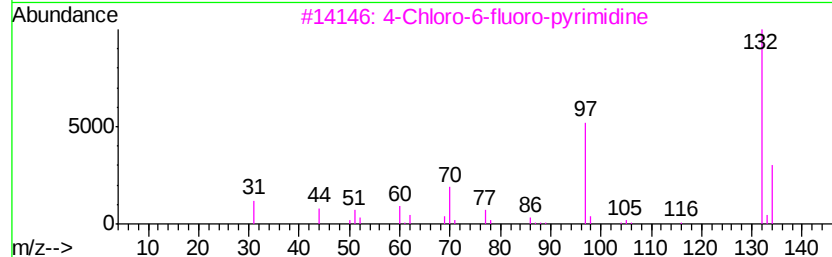
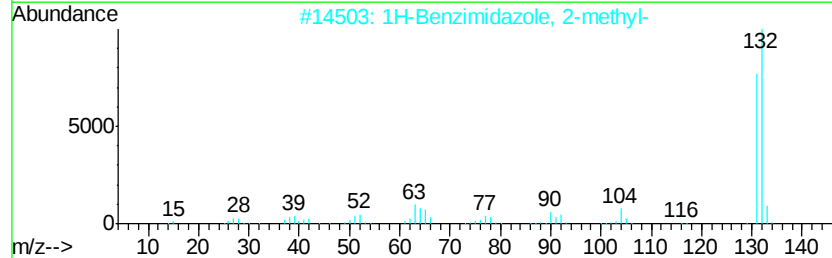
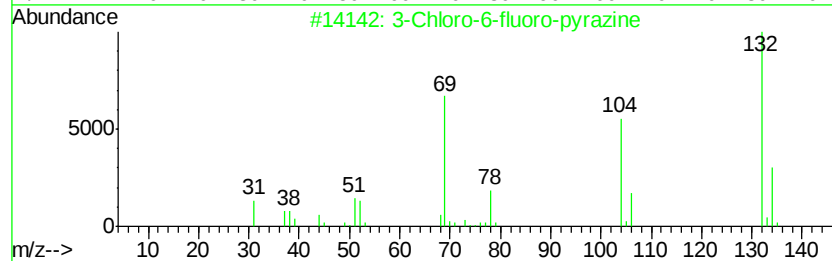
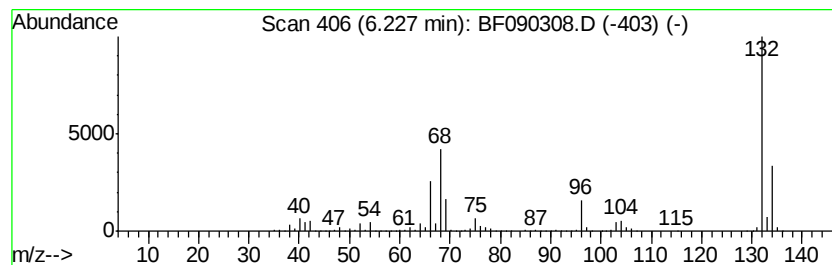
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	72.73 ng	2691950	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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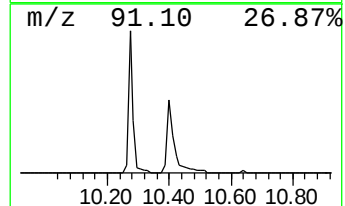
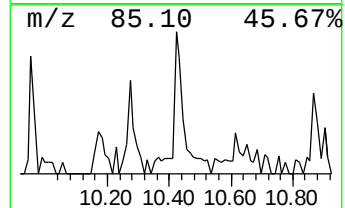
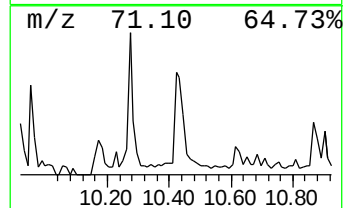
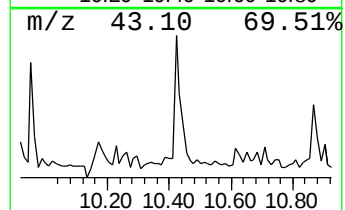
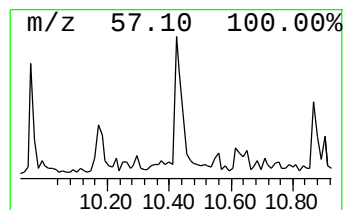
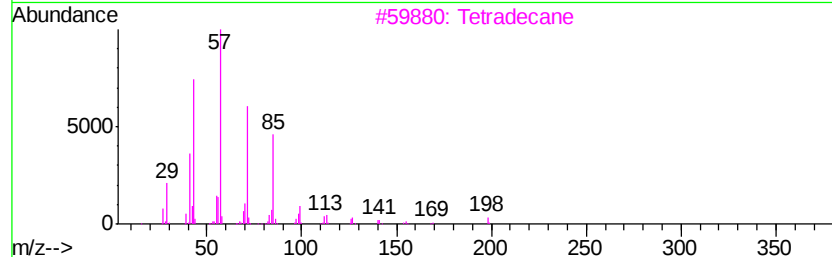
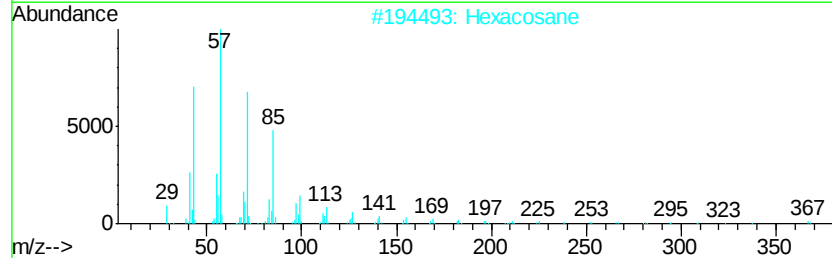
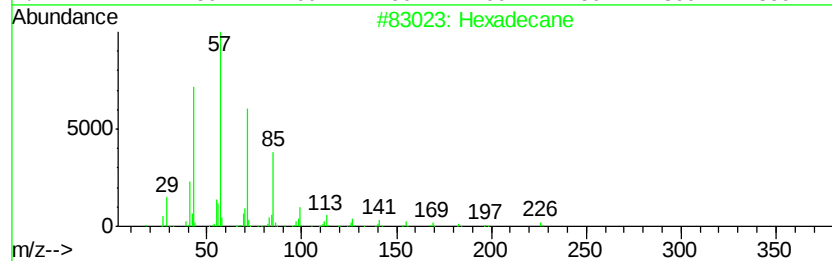
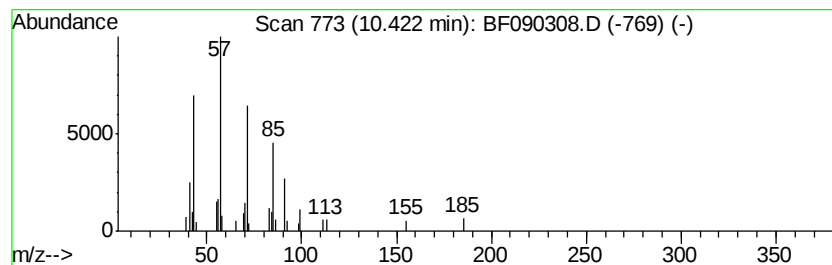
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.42	2.15 ng	76163	Phenanthrene-d10		10.96	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	83
2	Hexacosane		366	C26H54	000630-01-3	78
3	Tetradecane		198	C14H30	000629-59-4	78
4	Heptadecane		240	C17H36	000629-78-7	78
5	Pentadecane		212	C15H32	000629-62-9	78



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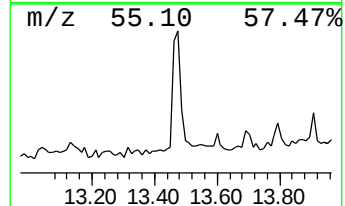
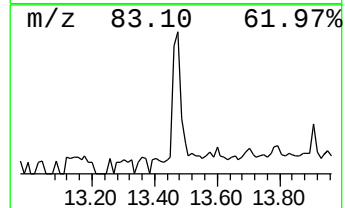
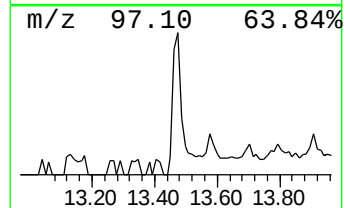
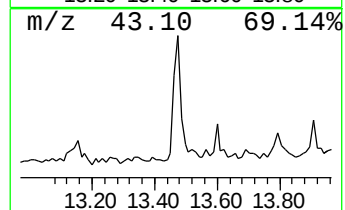
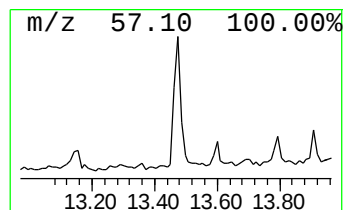
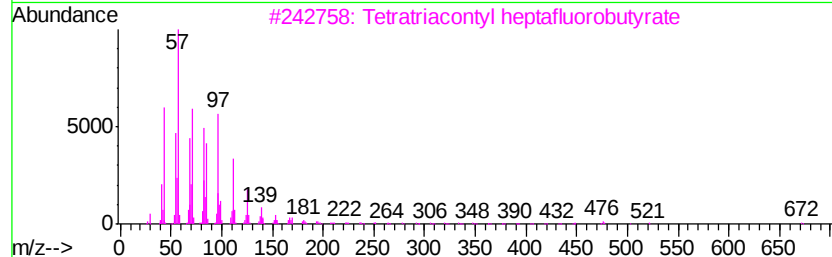
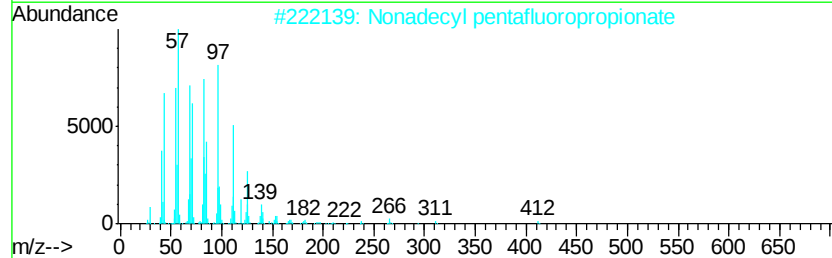
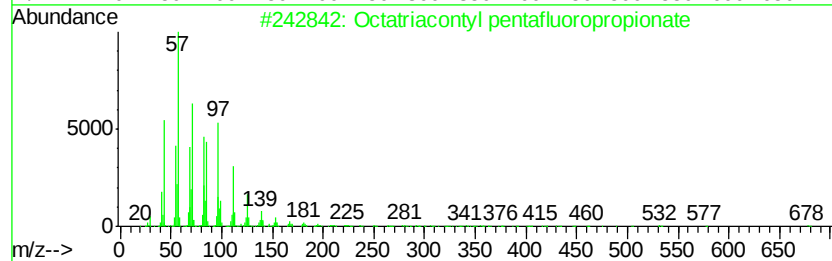
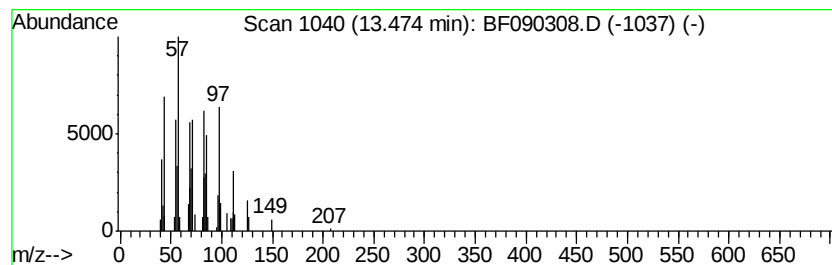
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octatriacontyl pentafluorop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.30 ng	75331	Chrysene-d12	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octatriacontyl pentafluoropropio...	697	C41H77F502	1000351-89-1	91
2		Nonadecyl pentafluoropropionate	430	C22H39F502	1000351-88-8	90
3		Tetratriacontyl heptafluorobutyrate	691	C38H69F702	1000351-84-1	87
4		Dotriacontyl pentafluoropropionate	612	C35H65F502	1000351-81-4	87
5		Hexatriacontyl pentafluoropropio...	669	C39H73F502	1000351-89-0	87



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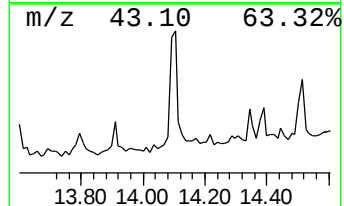
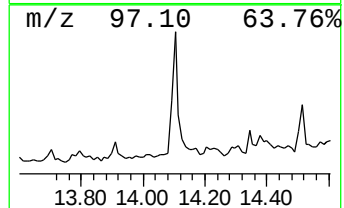
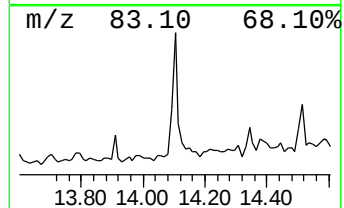
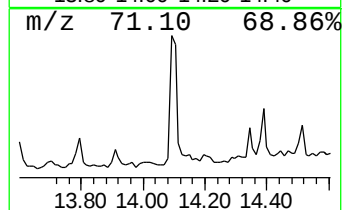
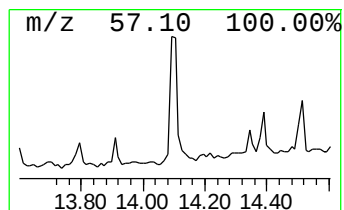
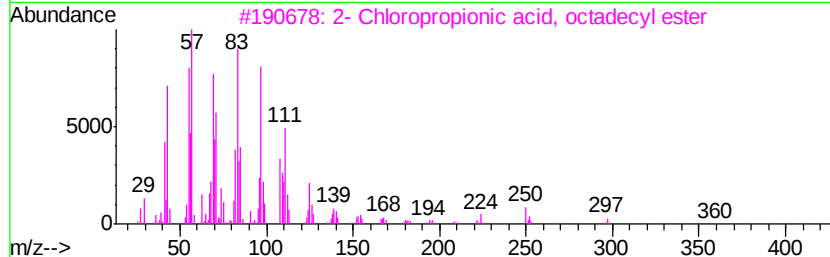
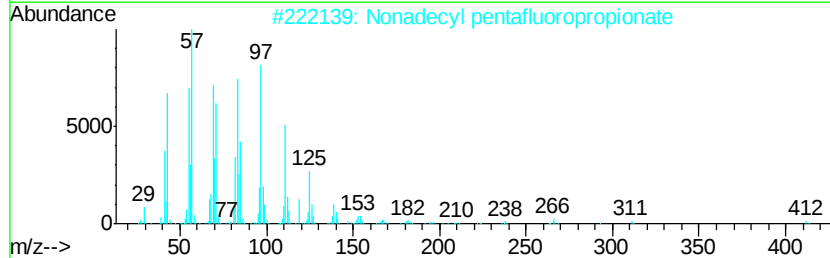
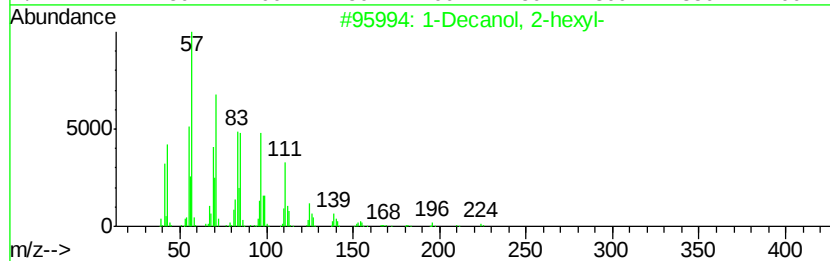
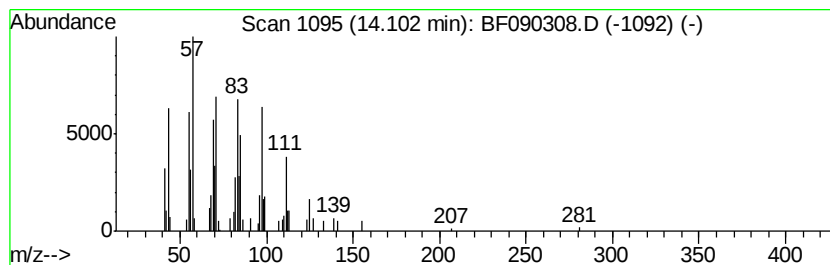
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Decanol, 2-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.63 ng	86152	Chrysene-d12	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	83
5		Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	81



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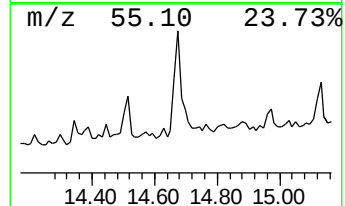
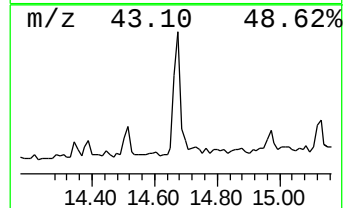
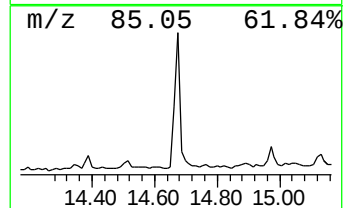
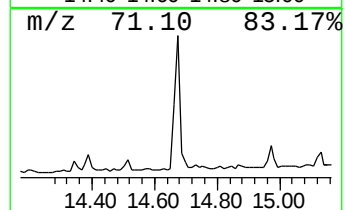
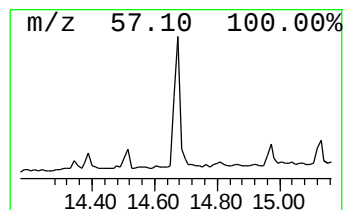
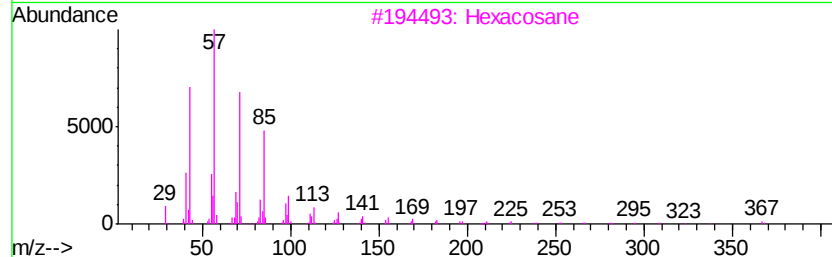
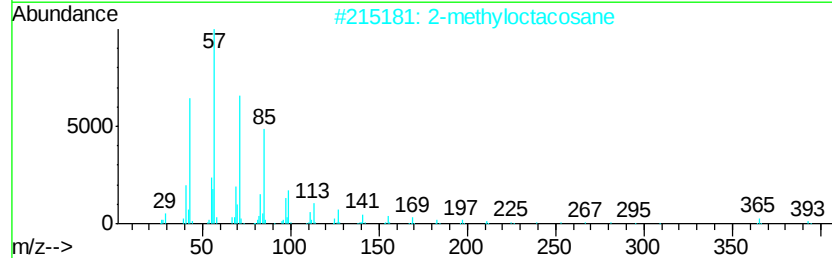
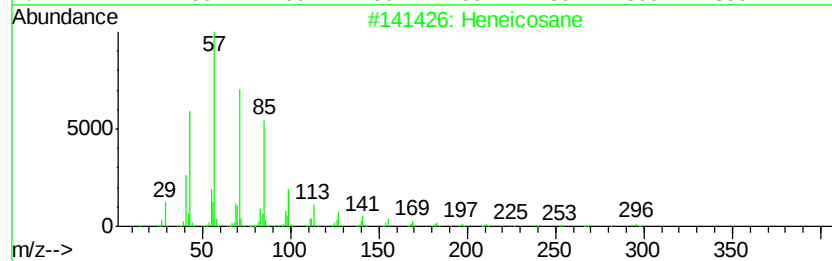
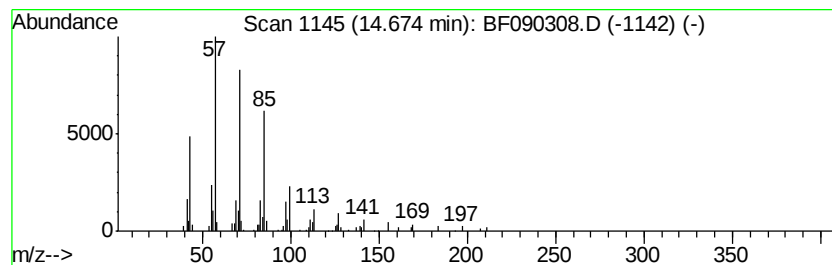
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.67	5.03 ng	127847	Perylene-d12	14.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	triacontane	422	C30H62	000638-68-6	87
5	Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090308.D
Acq On : 30 Sep 2016 1:37
Operator : UM/SJ
Sample : H5015-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4

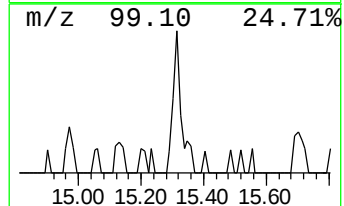
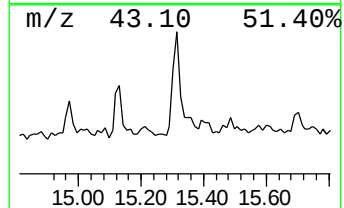
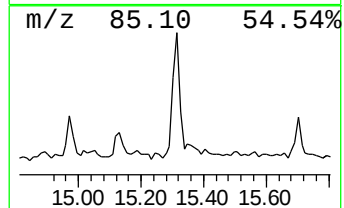
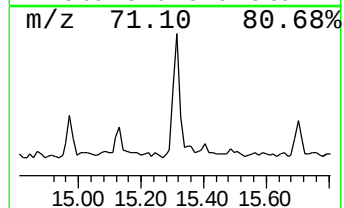
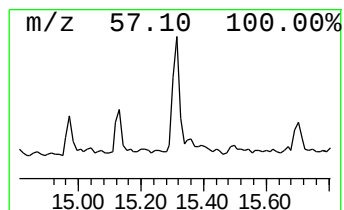
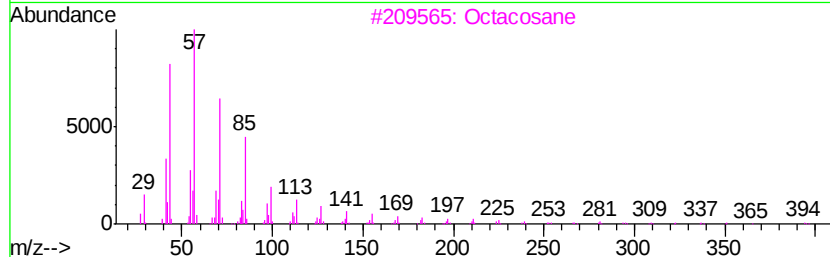
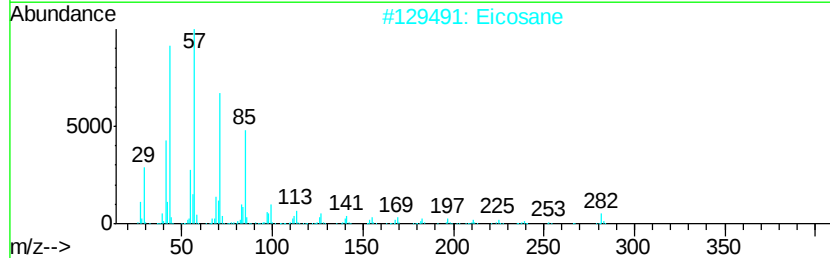
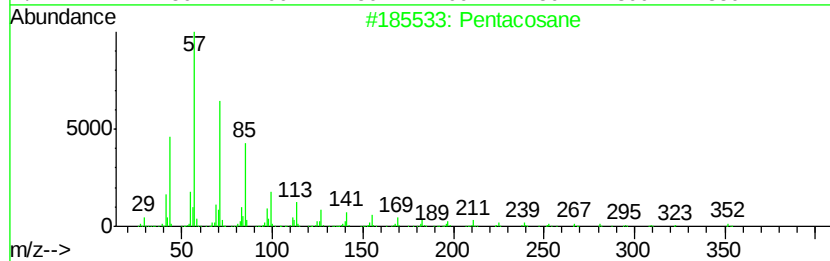
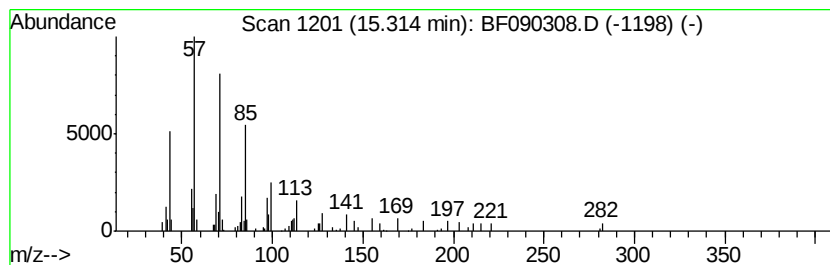
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	2.72 ng	69216	Perylene-d12	14.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	91
2	Eicosane		282	C20H42	000112-95-8	90
3	Octacosane		394	C28H58	000630-02-4	90
4	Heneicosane		296	C21H44	000629-94-7	87
5	Triacontane		422	C30H62	000638-68-6	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090308.D
Acq On : 30 Sep 2016 1:37
Operator : UM/SJ
Sample : H5015-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
COMPOSITE-4

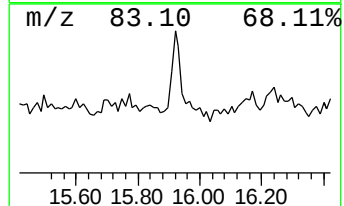
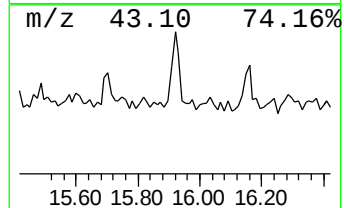
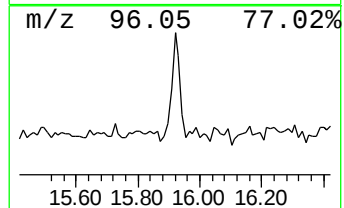
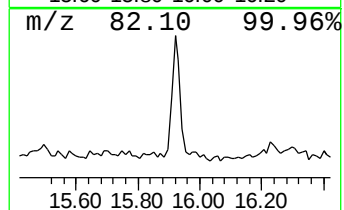
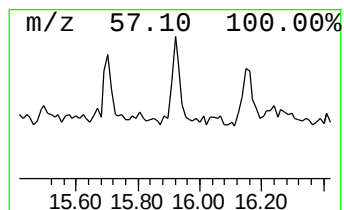
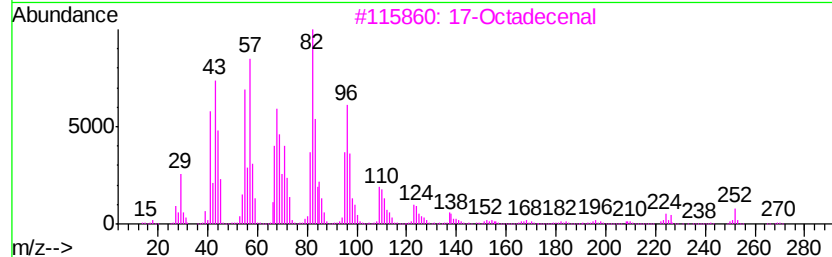
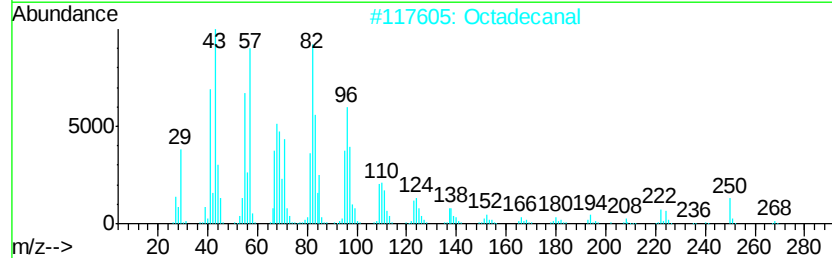
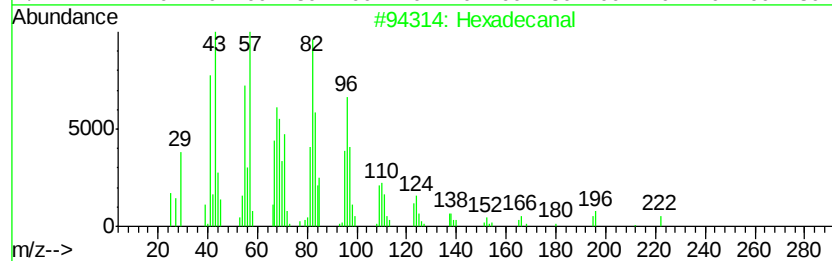
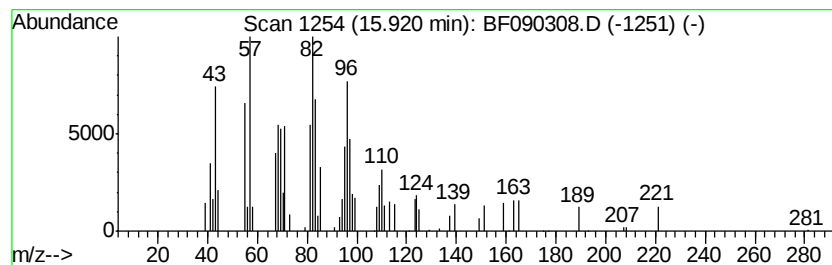
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.38 ng	60411	Perylene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanal	240	C16H32O	000629-80-1	91
2		Octadecanal	268	C18H36O	000638-66-4	91
3		17-Octadecenal	266	C18H34O	056554-86-0	91
4		15-Octadecenal	266	C18H34O	056554-93-9	90
5		16-Octadecenal	266	C18H34O	056554-87-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090308.D
Acq On : 30 Sep 2016 1:37
Operator : UM/SJ
Sample : H5015-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.54	13.9	ng	514551	1	6.46	740287	20.0
unknown6.23	6.23	72.7	ng	2691950	1	6.46	740287	20.0
Hexadecane	10.42	2.1	ng	76163	4	10.96	708169	20.0
Octatriacontyl pe...	13.47	2.3	ng	75331	5	13.58	654058	20.0
1-Decanol, 2-hexyl-	14.10	2.6	ng	86152	5	13.58	654058	20.0
Heneicosane	14.67	5.0	ng	127847	6	14.90	508493	20.0
Pentacosane	15.31	2.7	ng	69216	6	14.90	508493	20.0
Hexadecanal	15.92	2.4	ng	60411	6	14.90	508493	20.0