

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
 Data File : BF090305.D
 Acq On : 30 Sep 2016 00:14
 Operator : UM/SJ
 Sample : H5015-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

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	26	rVB	401658	932918	35.24%	4.188%
2	4.536	255	258	268	rBV	274358	438990	16.58%	1.971%
3	5.016	298	300	303	rBV	1862202	2198450	83.04%	9.869%
4	6.124	394	397	399	rBV	2233260	2647393	100.00%	11.885%
5	6.227	403	406	408	rBV	2631159	2511954	94.88%	11.277%
6	6.456	424	426	429	rBV	742078	732579	27.67%	3.289%
7	6.616	437	440	442	rBV	1944303	1752572	66.20%	7.868%
8	7.039	474	477	479	rBV	1039999	1501257	56.71%	6.739%
9	7.747	537	539	542	rBV	1077414	944967	35.69%	4.242%
10	8.833	631	634	636	rBV	2210395	1890562	71.41%	8.487%
11	9.233	667	669	672	rBV	931977	809145	30.56%	3.632%
12	9.496	690	692	694	rBV	1171626	993013	37.51%	4.458%
13	10.273	758	760	763	rBV2	727799	1047628	39.57%	4.703%
14	10.422	772	773	777	rVB2	22755	34994	1.32%	0.157%
15	10.959	818	820	823	rBV	561900	725083	27.39%	3.255%
16	12.548	956	959	961	rBV	1005248	886993	33.50%	3.982%
17	13.474	1037	1040	1044	rBV	48425	74693	2.82%	0.335%
18	13.576	1047	1049	1057	rVV	606963	663191	25.05%	2.977%
19	14.102	1092	1095	1098	rBV	67460	98480	3.72%	0.442%
20	14.342	1114	1116	1118	rBV	106361	138796	5.24%	0.623%
21	14.445	1123	1125	1127	rBV	30409	32205	1.22%	0.145%
22	14.514	1128	1131	1133	rBV	31599	32002	1.21%	0.144%
23	14.674	1142	1145	1149	rBV	150436	180932	6.83%	0.812%
24	14.902	1162	1165	1168	rBV	457702	505039	19.08%	2.267%
25	14.971	1169	1171	1174	rVB	19932	28423	1.07%	0.128%
26	15.131	1182	1185	1187	rBV	63706	78080	2.95%	0.351%
27	15.314	1198	1201	1203	rBV	107068	144627	5.46%	0.649%
28	15.702	1233	1235	1238	rVB	18070	30101	1.14%	0.135%
29	15.931	1251	1255	1258	rBV	59373	105060	3.97%	0.472%
30	16.160	1272	1275	1277	rBV	24773	44768	1.69%	0.201%
31	16.914	1338	1341	1345	rVB5	29455	70607	2.67%	0.317%

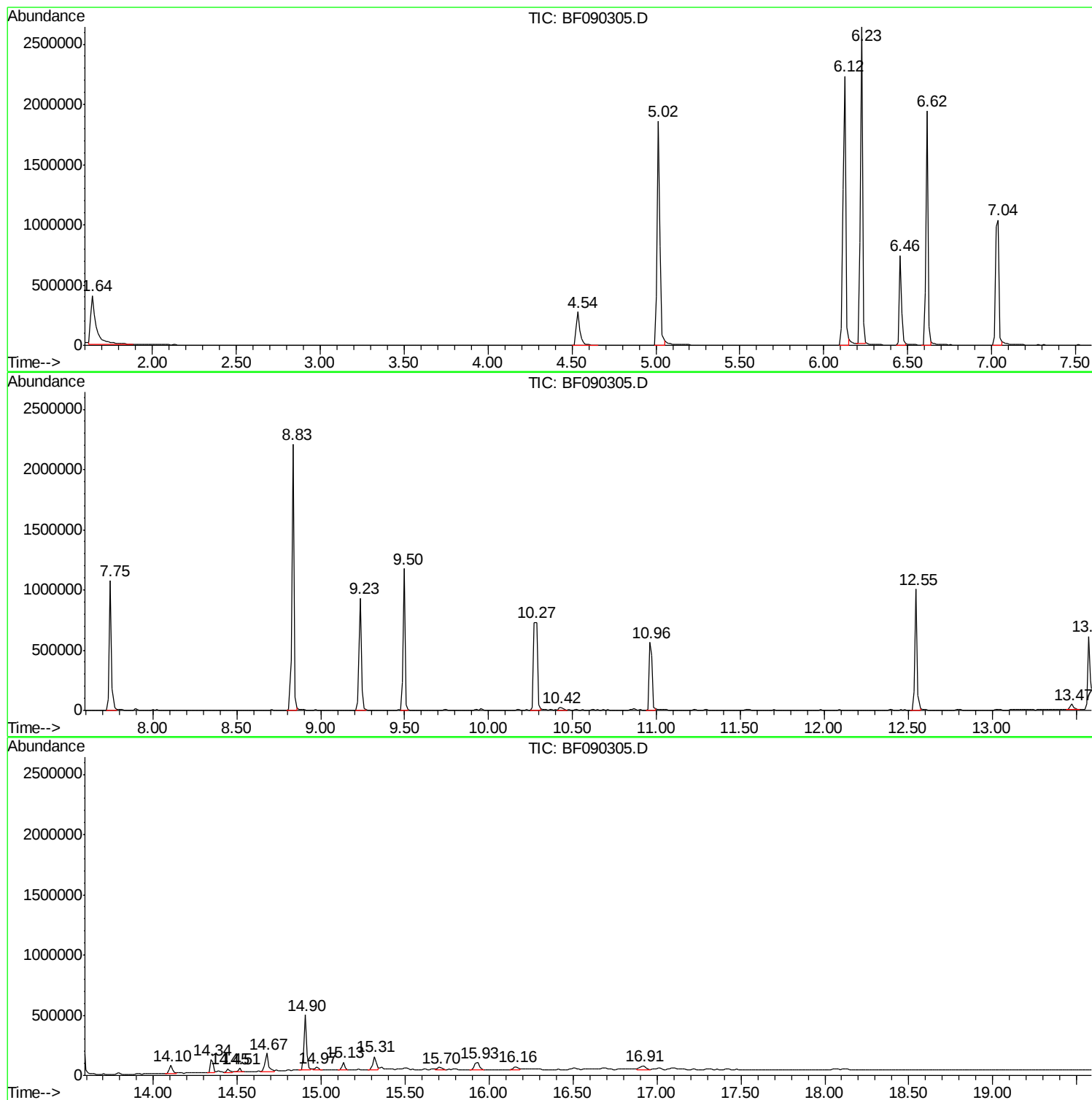
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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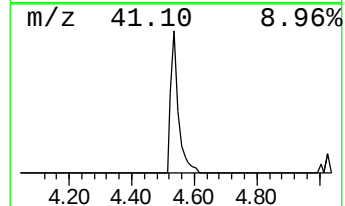
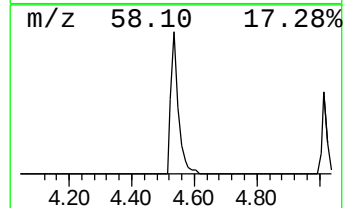
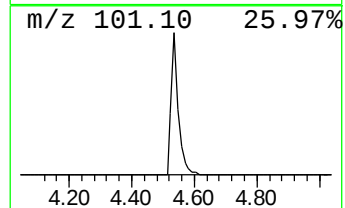
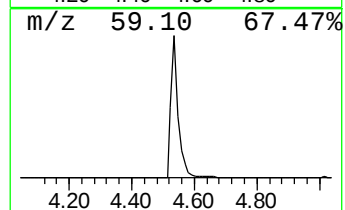
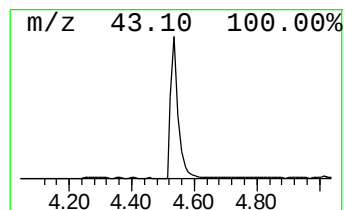
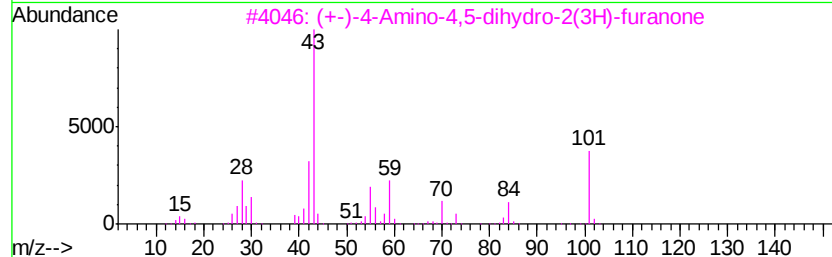
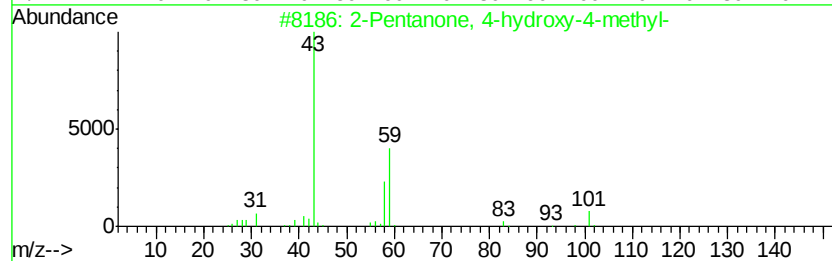
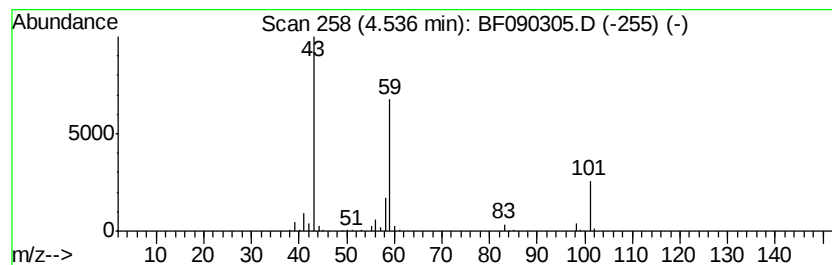
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	11.98 ng	438990	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	50
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		Acetone	58	C3H6O	000067-64-1	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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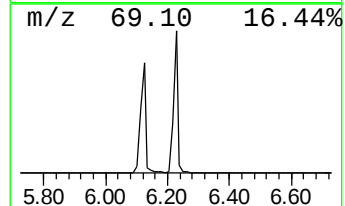
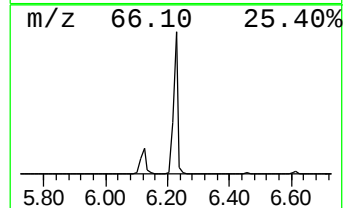
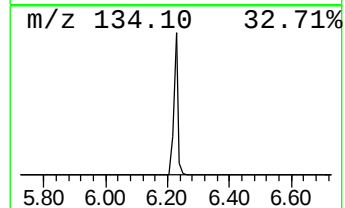
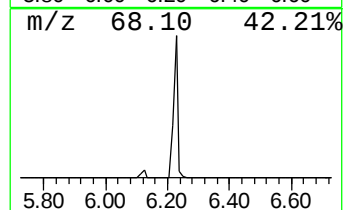
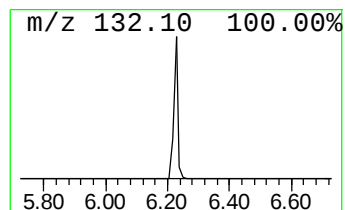
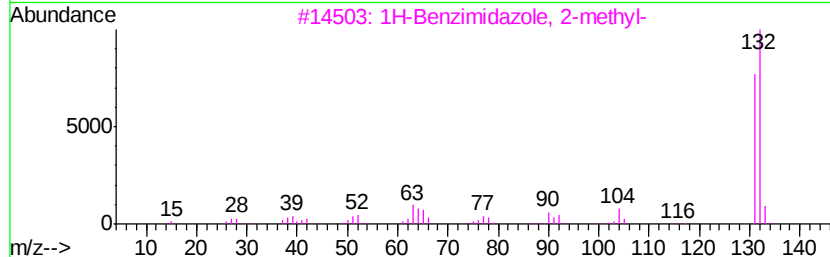
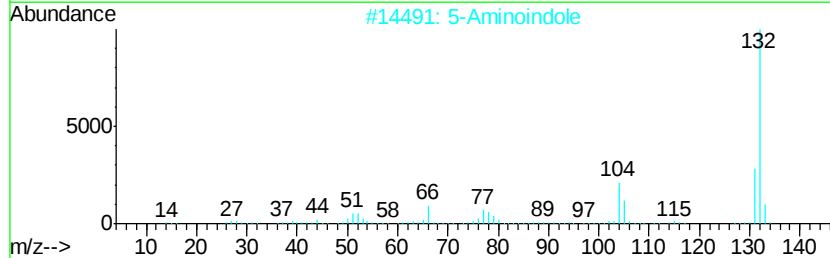
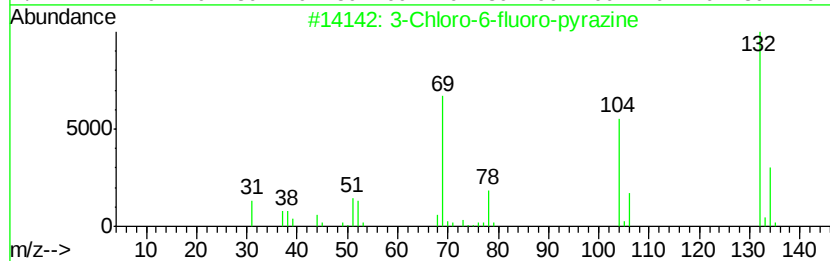
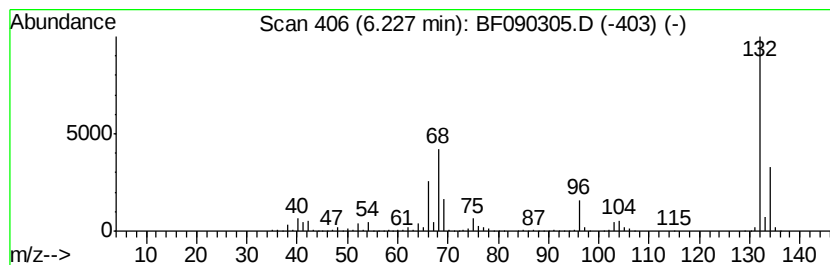
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Peak Number 3 unknown6.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	68.58 ng	2511950	1,4-Dichlorobenzene-d4	6.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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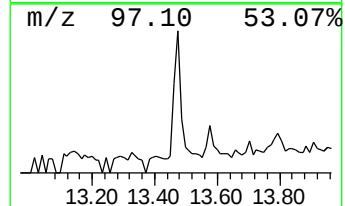
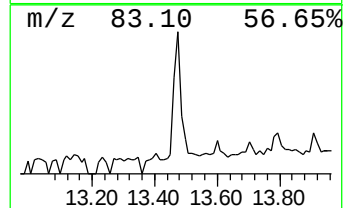
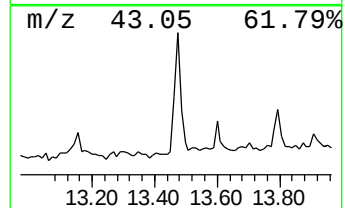
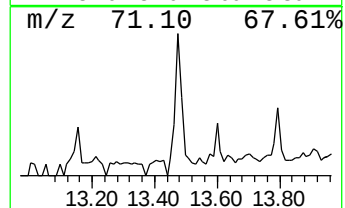
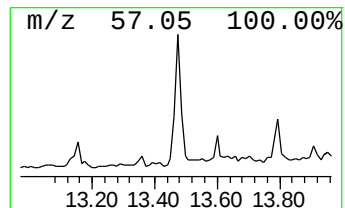
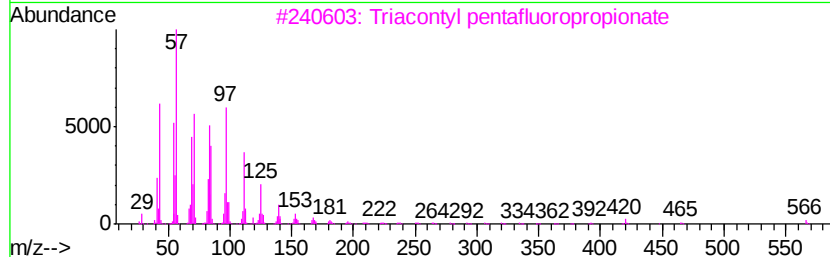
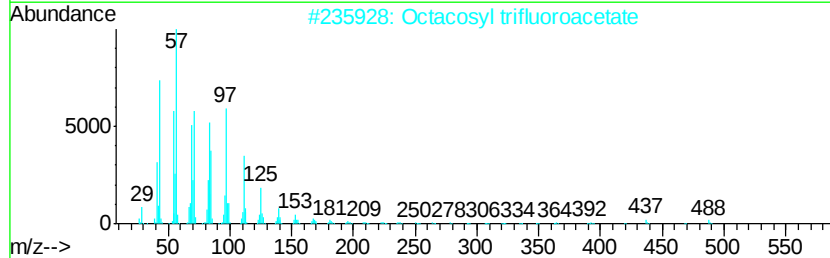
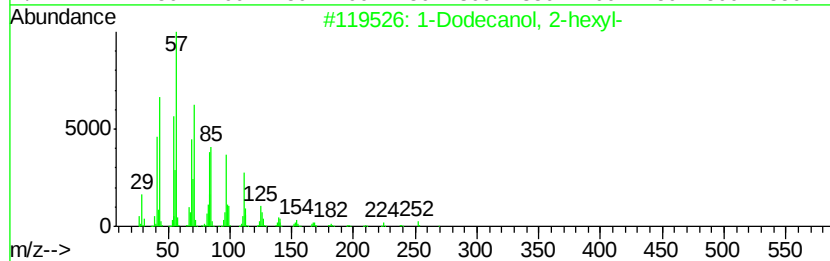
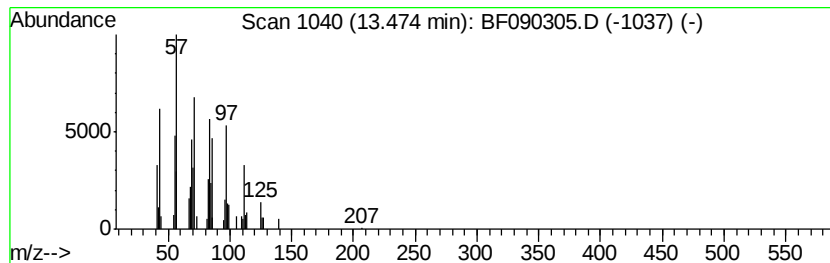
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Peak Number 5 1-Dodecanol, 2-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.25 ng	74693	Chrysene-d12	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
3		Triaccontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	87
4		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	87
5		Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	87



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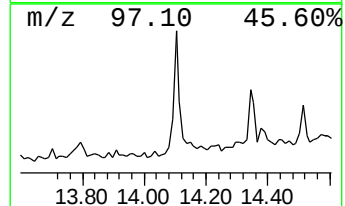
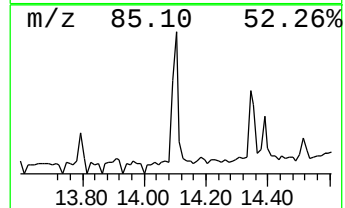
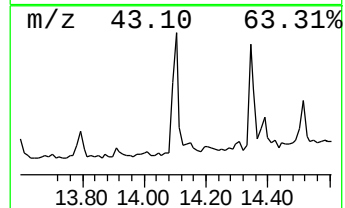
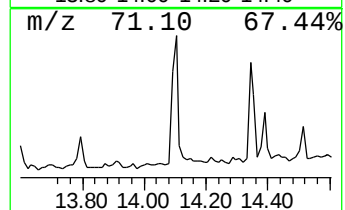
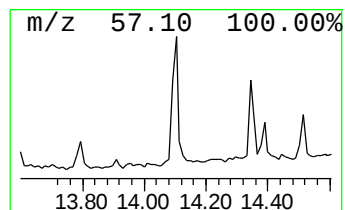
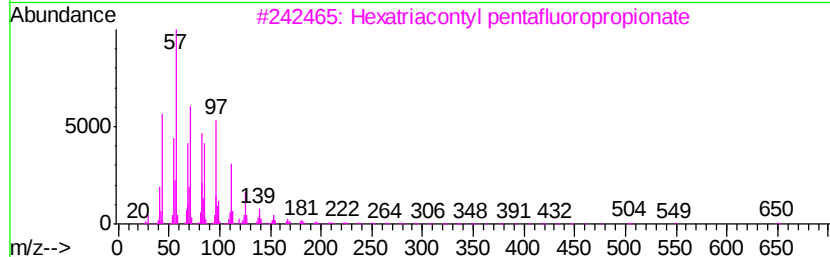
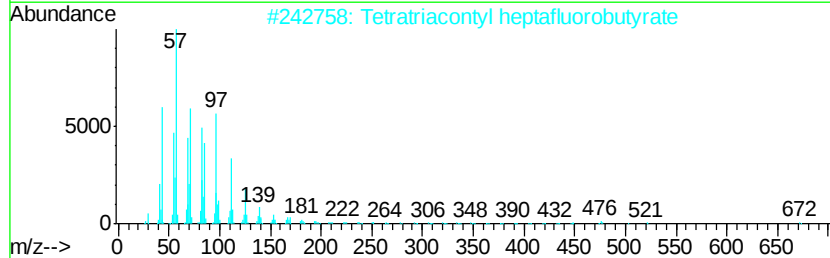
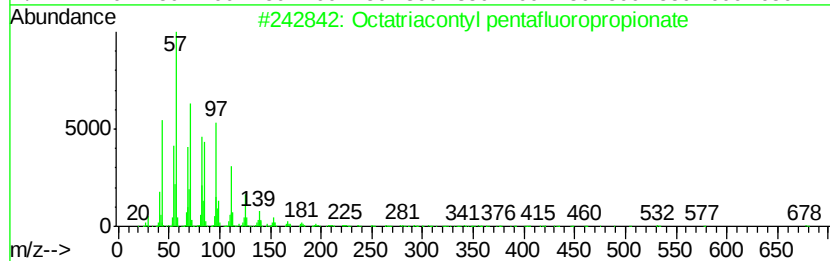
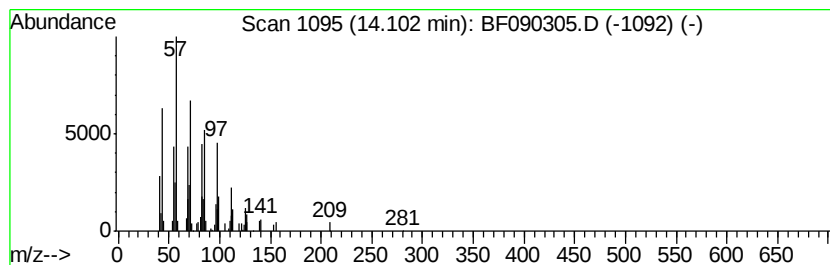
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Octatriacontyl pentafluorop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.97 ng	98480	Chrysene-d12	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	90
2		Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	87
3		Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	87
4		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	87
5		Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	87



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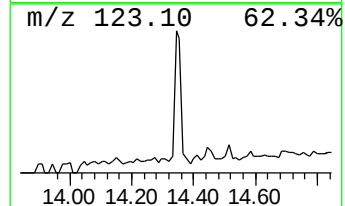
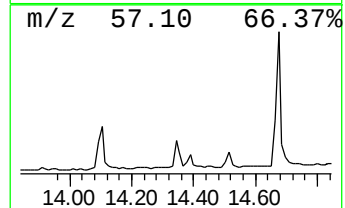
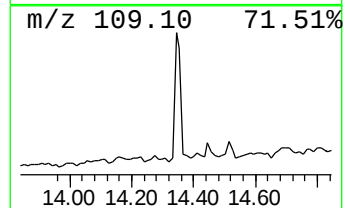
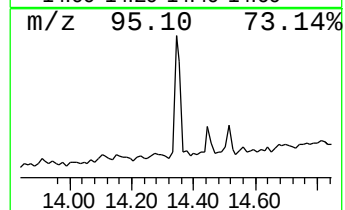
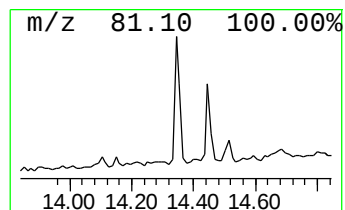
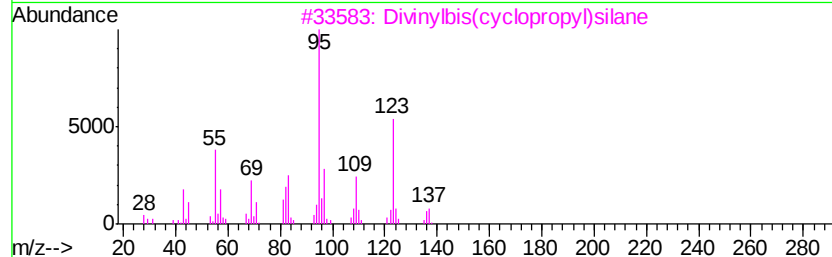
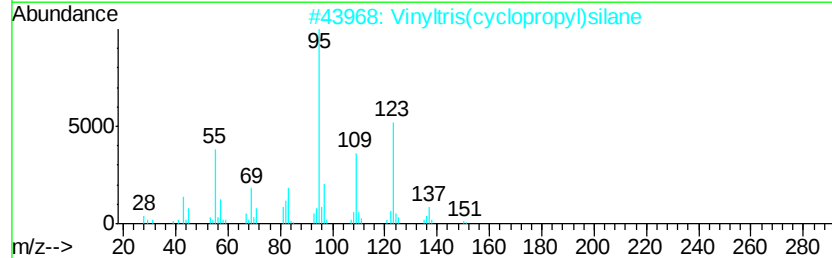
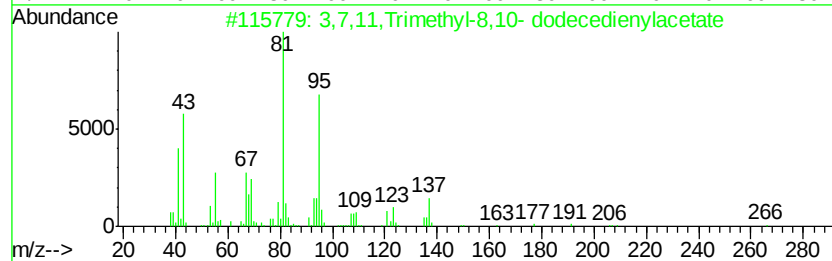
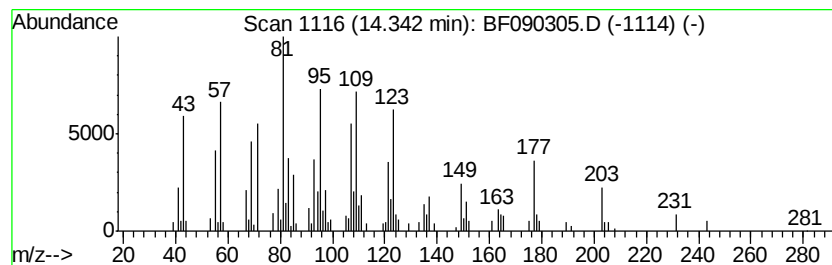
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Peak Number 7 unknown14.34 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.50 ng	138796	Perylene-d12	14.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7,11,Trimethyl-8,10-	dodecedie...	266	C17H30O2	1000374-10-3	35	
2	Vinyltris(cyclopropyl)silane		178	C11H18Si	1000109-97-3	30	
3	Divinylbis(cyclopropyl)silane		164	C10H16Si	1000109-95-2	27	
4	trans-Chrysanthemal		152	C10H16O	020104-05-6	27	
5	Cyclopropanemethanol, 2,2-dimeth...		154	C10H18O	005617-92-5	22	



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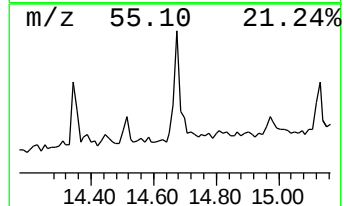
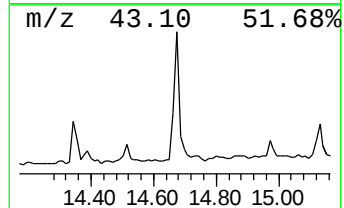
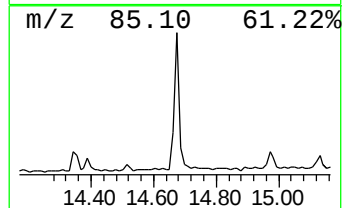
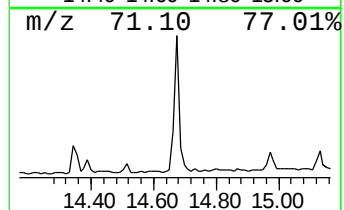
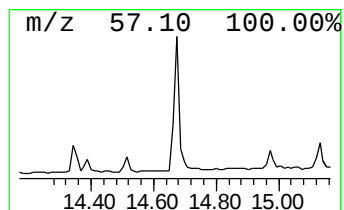
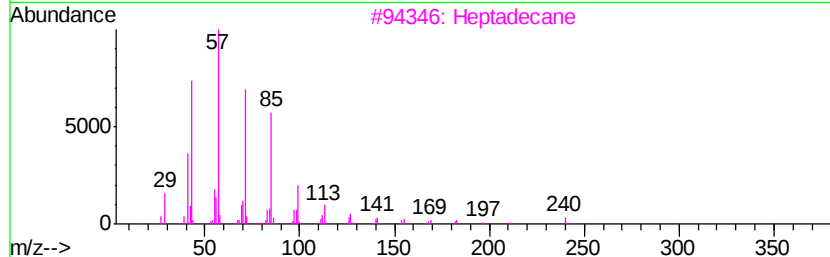
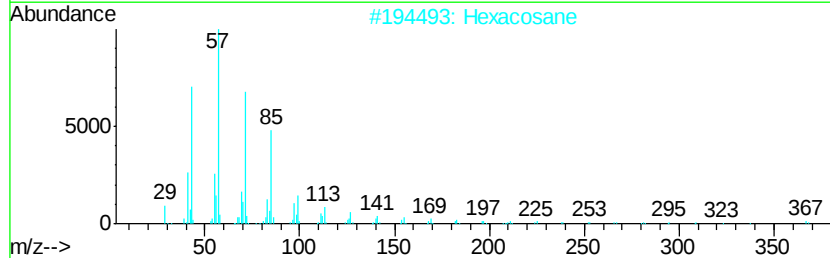
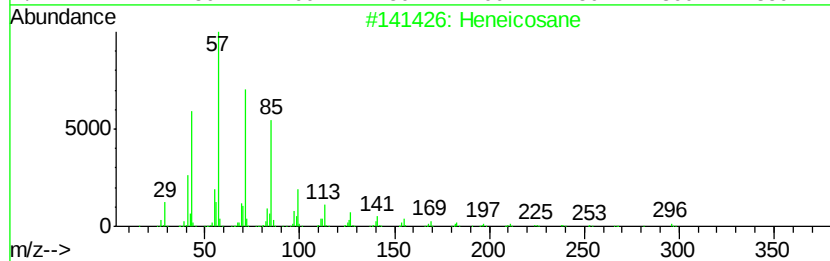
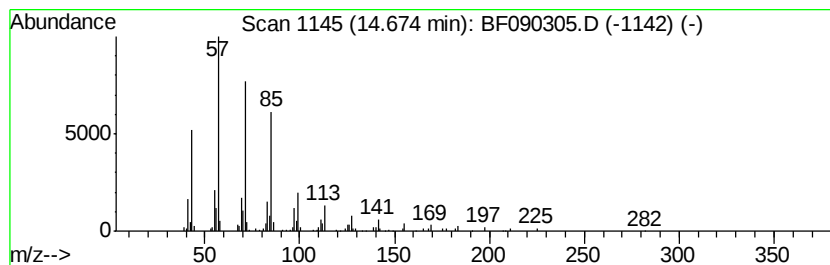
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	7.17 ng	180932	Perylene-d12	14.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Heptadecane		240	C17H36	000629-78-7	91
4	Octadecane		254	C18H38	000593-45-3	90
5	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090305.D
Acq On : 30 Sep 2016 00:14
Operator : UM/SJ
Sample : H5015-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

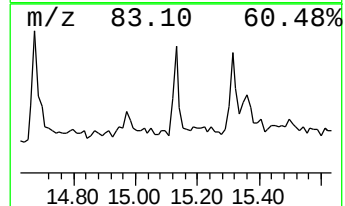
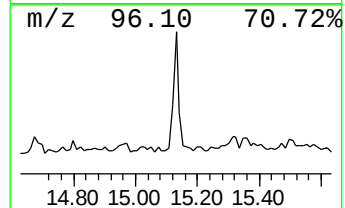
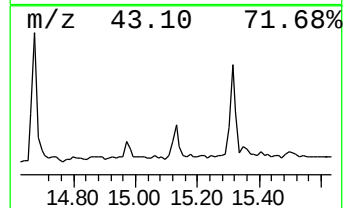
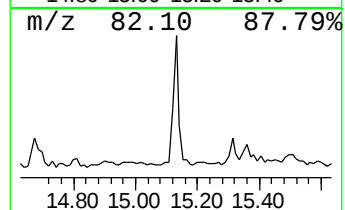
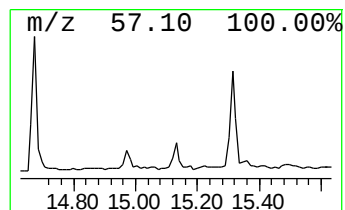
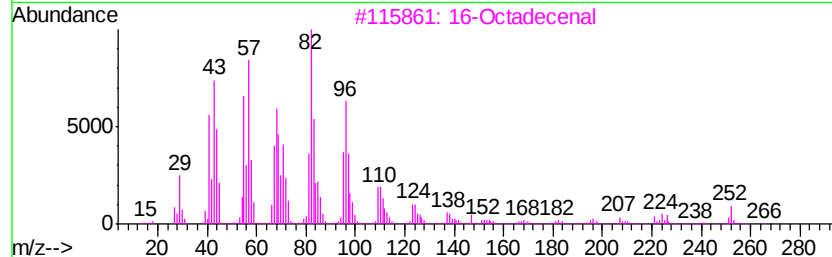
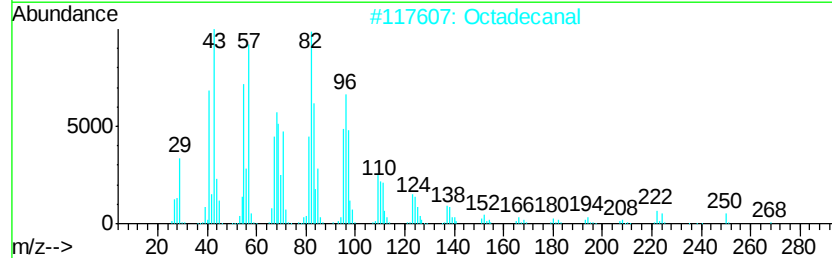
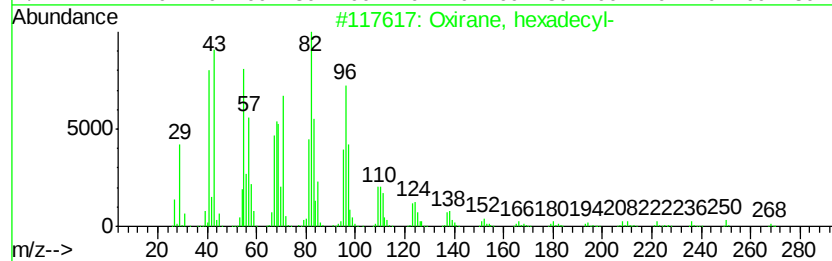
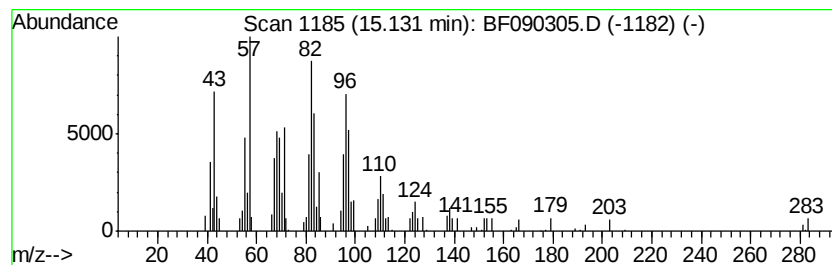
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.09 ng	78080	Perylene-d12	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	16-Octadecenal	266	C18H34O	056554-87-1	86
4	Heptadecanal	254	C17H34O	1000376-70-0	86
5	Hexadecanal	240	C16H32O	000629-80-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090305.D
Acq On : 30 Sep 2016 00:14
Operator : UM/SJ
Sample : H5015-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

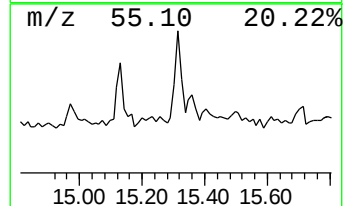
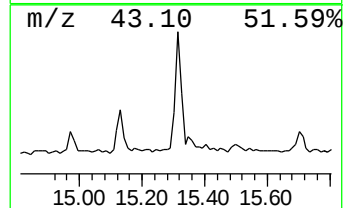
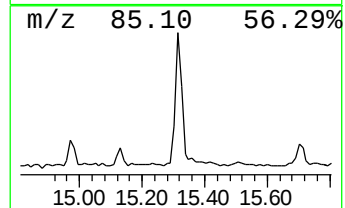
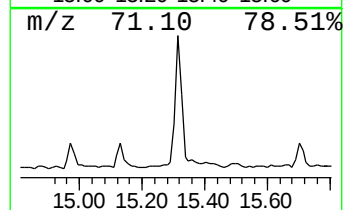
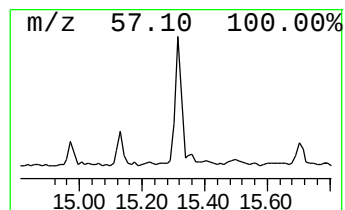
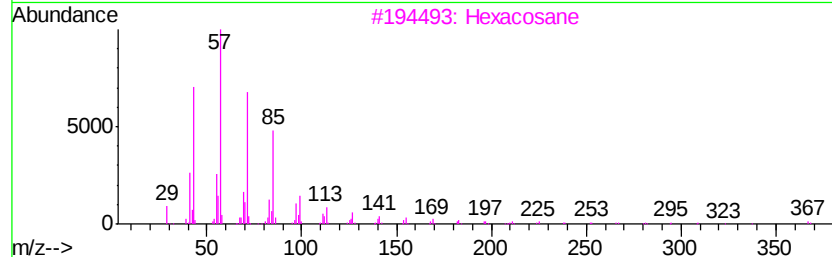
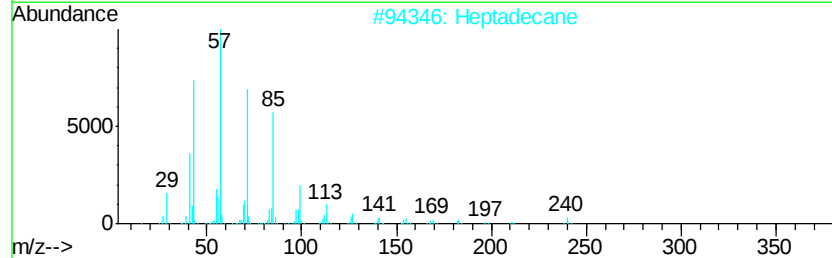
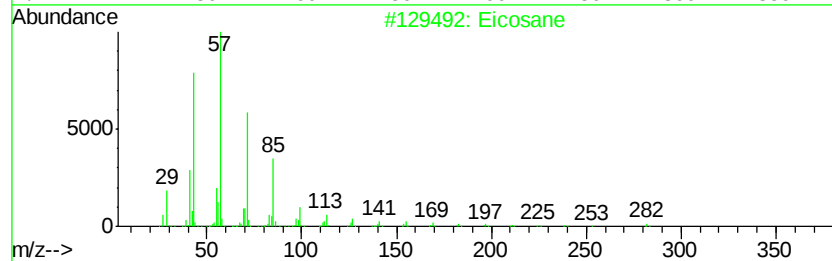
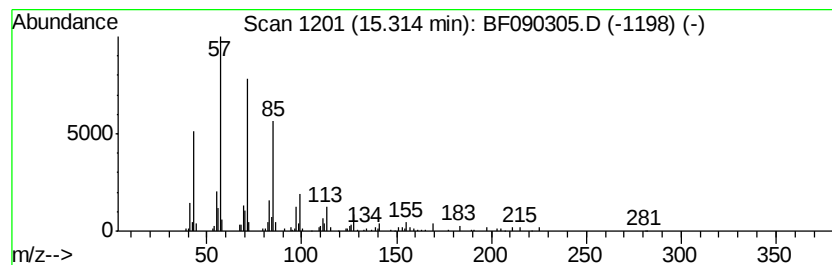
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	5.73 ng	144627	Perylene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heptadecane	240	C17H36	000629-78-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090305.D
Acq On : 30 Sep 2016 00:14
Operator : UM/SJ
Sample : H5015-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

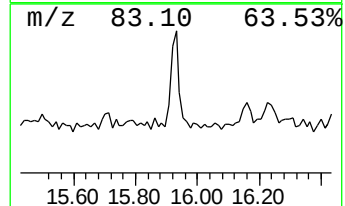
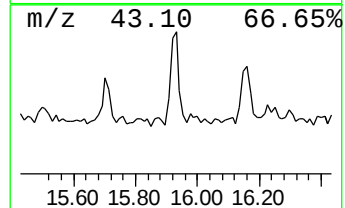
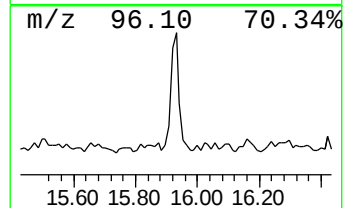
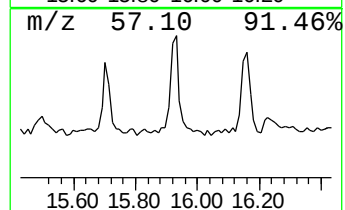
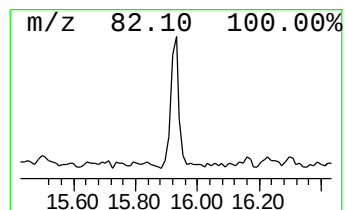
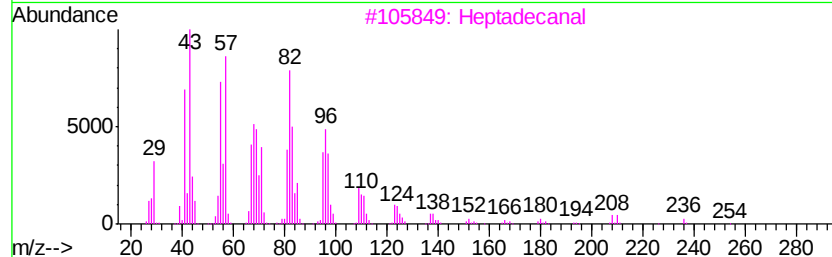
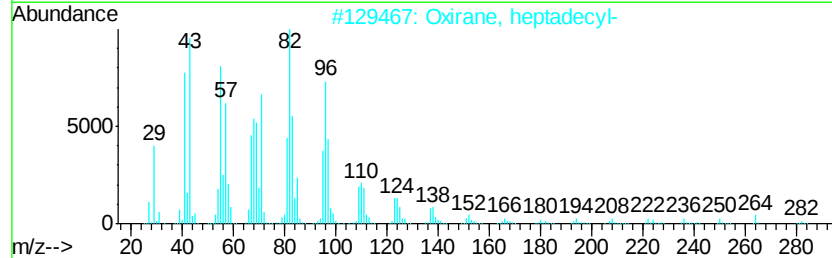
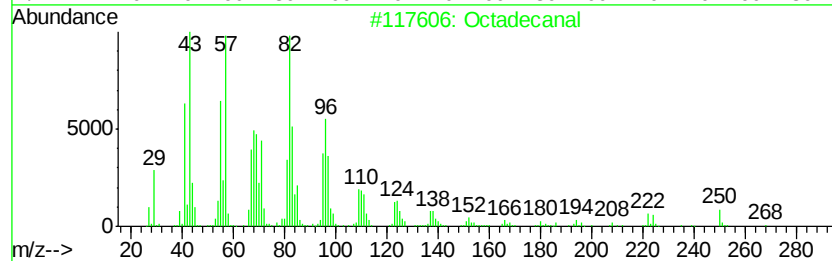
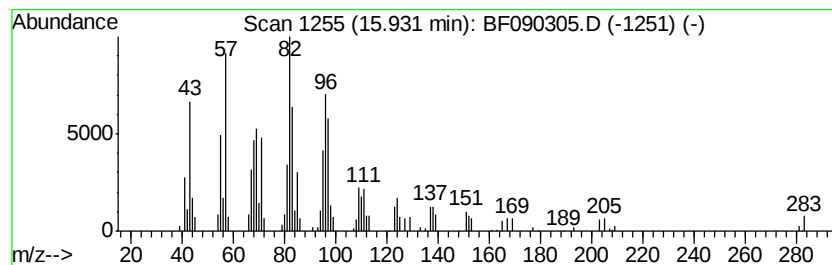
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

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 11 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.93	4.16 ng	105060	Perylene-d12		14.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	90
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
3	Heptadecanal	254	C17H34O	1000376-70-0	87
4	Hexadecanal	240	C16H32O	000629-80-1	86
5	16-Heptadecenal	252	C17H32O	1000144-57-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090305.D
Acq On : 30 Sep 2016 00:14
Operator : UM/SJ
Sample : H5015-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

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 12 unknown16.91 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	2.80 ng	70607	Perylene-d12	14.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	20		
2	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	18		
3	Isobornyl thiocvanoacetate	253	C13H19NO2S	000115-31-1	14		
4	2(1H)-Naphthalenone, 4a,5,6,7,8,...	178	C12H18O	013485-66-0	14		
5	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	12		

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090305.D
Acq On : 30 Sep 2016 00:14
Operator : UM/SJ
Sample : H5015-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

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	12.0	ng	438990	1	6.46	732579	20.0
unknown6.23	6.23	68.6	ng	2511950	1	6.46	732579	20.0
1-Dodecanol, 2-he...	13.47	2.3	ng	74693	5	13.58	663191	20.0
Octatriacontyl pe...	14.10	3.0	ng	98480	5	13.58	663191	20.0
unknown14.34	14.34	5.5	ng	138796	6	14.90	505039	20.0
Heneicosane	14.67	7.2	ng	180932	6	14.90	505039	20.0
Oxirane, hexadecyl-	15.13	3.1	ng	78080	6	14.90	505039	20.0
Eicosane	15.31	5.7	ng	144627	6	14.90	505039	20.0
Octadecanal	15.93	4.2	ng	105060	6	14.90	505039	20.0
unknown16.91	16.91	2.8	ng	70607	6	14.90	505039	20.0