

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089272.D
 Acq On : 25 Jul 2016 11:42
 Operator : UM/SJ
 Sample : H4154-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GCF-SW-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-BF072016.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	1.701	8	10	29	rVB	1401410	2652859	100.00%	14.039%
2	2.684	93	96	117	rVB	5119	29695	1.12%	0.157%
3	4.696	270	272	285	rVB	47746	100512	3.79%	0.532%
4	5.141	309	311	314	rBV	974621	1506958	56.81%	7.975%
5	6.227	403	406	413	rVB	1338423	1694110	63.86%	8.965%
6	6.330	413	415	433	rVB	1498511	1773920	66.87%	9.387%
7	6.559	433	435	446	rVB	252262	313405	11.81%	1.659%
8	6.719	446	449	451	rBV	1363179	1378187	51.95%	7.293%
9	7.130	483	485	495	rBV	628735	1083423	40.84%	5.733%
10	7.850	545	548	550	rBV	326043	393310	14.83%	2.081%
11	8.925	639	642	645	rBV	1542724	1754860	66.15%	9.287%
12	9.325	675	677	679	rBV	512993	445473	16.79%	2.357%
13	9.359	679	680	694	rVB	36199	72165	2.72%	0.382%
14	9.588	698	700	703	rBV	452484	460919	17.37%	2.439%
15	10.022	734	738	742	rBV3	22705	36989	1.39%	0.196%
16	10.376	767	769	778	rBV	1010603	1099262	41.44%	5.817%
17	10.513	778	781	787	rVB	24292	33425	1.26%	0.177%
18	11.062	827	829	833	rBV	453177	441118	16.63%	2.334%
19	12.491	951	954	956	rBV	495079	479631	18.08%	2.538%
20	12.559	959	960	965	rVB	64003	82658	3.12%	0.437%
21	12.651	965	968	970	rBV	1192807	1526303	57.53%	8.077%
22	12.891	986	989	993	rVB	19881	27475	1.04%	0.145%
23	13.188	1012	1015	1017	rBV	396620	345023	13.01%	1.826%
24	13.234	1017	1019	1020	rBV	46737	38831	1.46%	0.205%
25	13.554	1044	1047	1055	rBV	99448	146319	5.52%	0.774%
26	13.679	1055	1058	1064	rBV	292315	301063	11.35%	1.593%
27	13.874	1073	1075	1079	rVB	62616	56071	2.11%	0.297%
28	14.182	1099	1102	1104	rBV	35242	50025	1.89%	0.265%
29	14.468	1124	1127	1130	rBV	59336	57537	2.17%	0.304%
30	14.754	1149	1152	1156	rBV	57306	61239	2.31%	0.324%
31	15.017	1173	1175	1178	rBV	199854	235026	8.86%	1.244%
32	15.062	1178	1179	1182	rVB	44027	51041	1.92%	0.270%
33	15.417	1208	1210	1213	rBV	32876	48754	1.84%	0.258%
34	15.828	1241	1246	1253	rVB2	25285	51503	1.94%	0.273%

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ClientSampleId :
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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

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35	16.297	1284	1287	1290	rBV	13180	27667	1.04%	0.146%
36	16.685	1317	1321	1326	rVB2	15193	39901	1.50%	0.211%

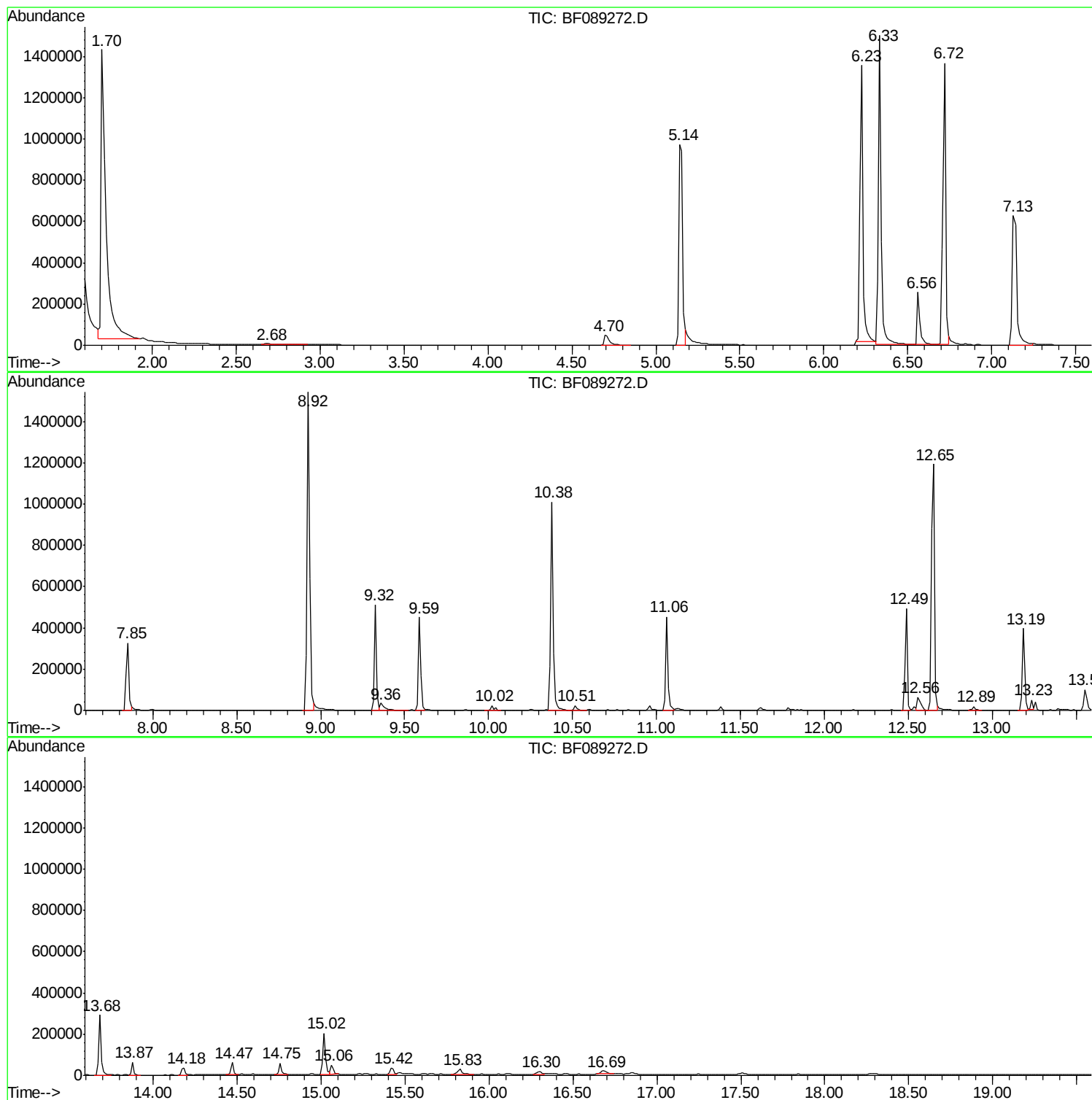
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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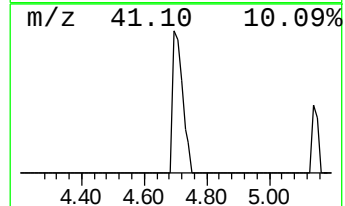
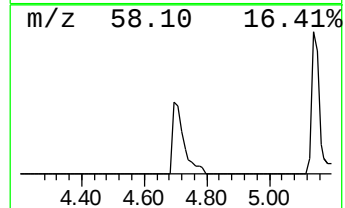
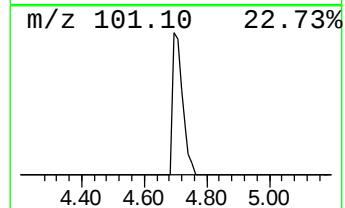
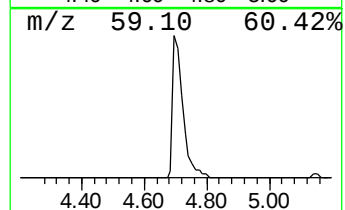
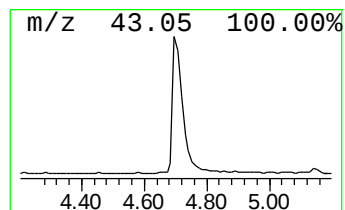
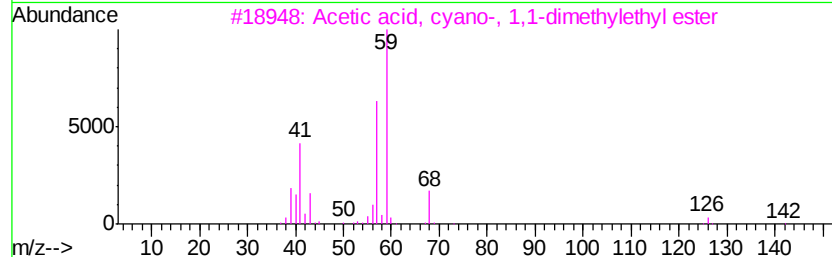
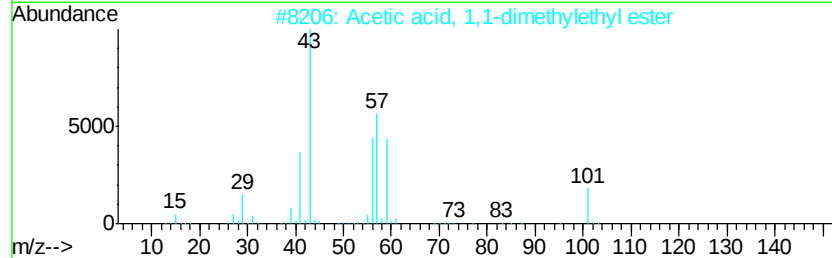
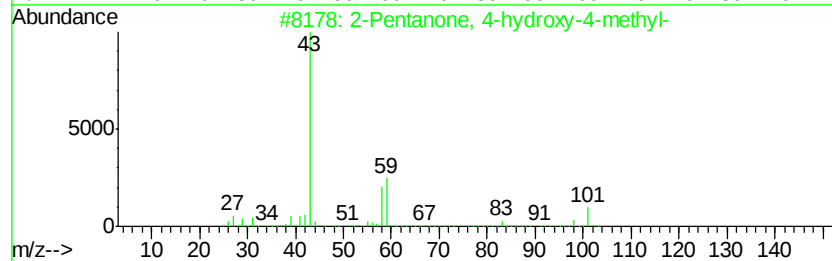
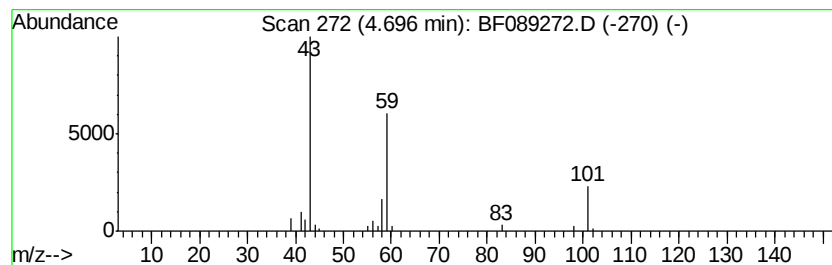
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	6.41 ng	100512	1,4-Dichlorobenzene-d4	6.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			Acetone	58	C3H6O	000067-64-1	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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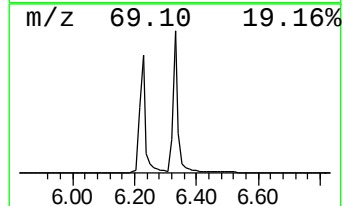
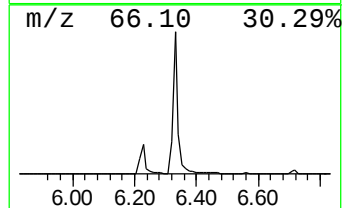
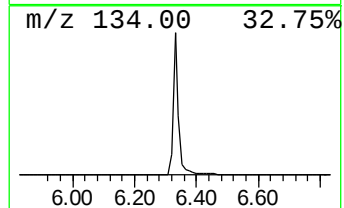
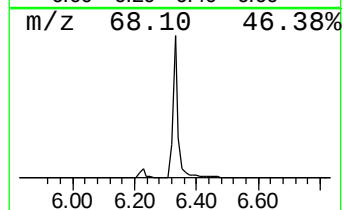
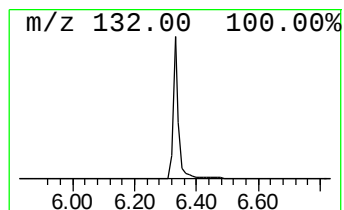
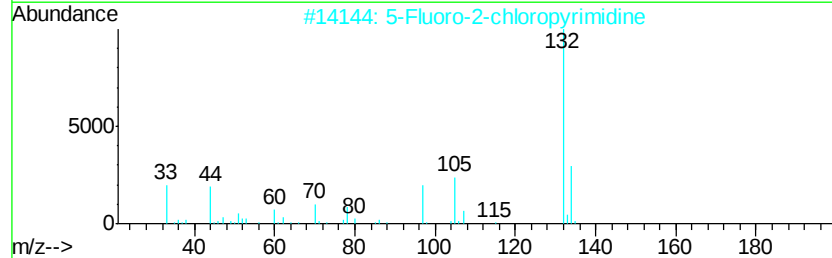
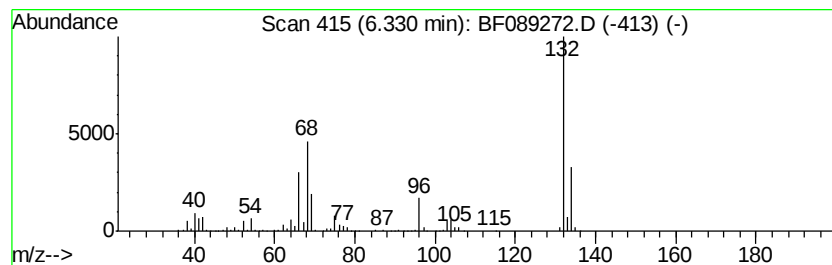
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	113.20 ng	1773920	1,4-Dichlorobenzene-d4	6.56

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	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		N-(-3,4-Methylenedioxyphenyl)isop...	267	C17H17NO2	1000378-96-6	10
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



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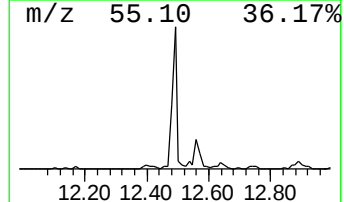
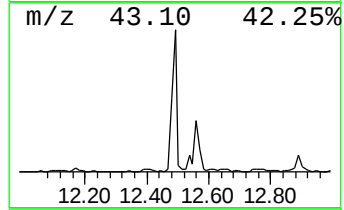
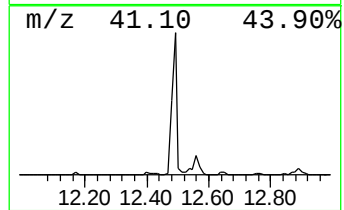
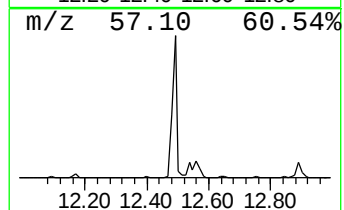
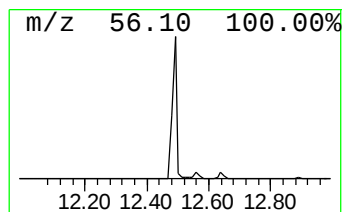
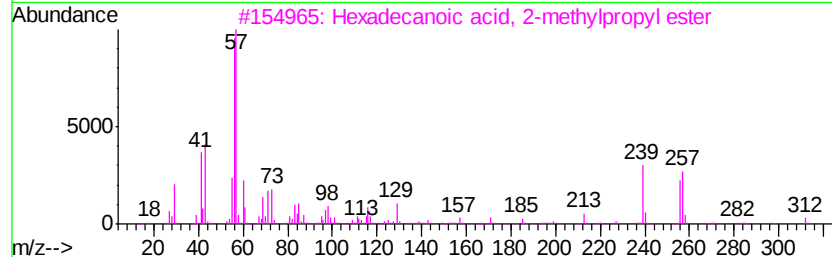
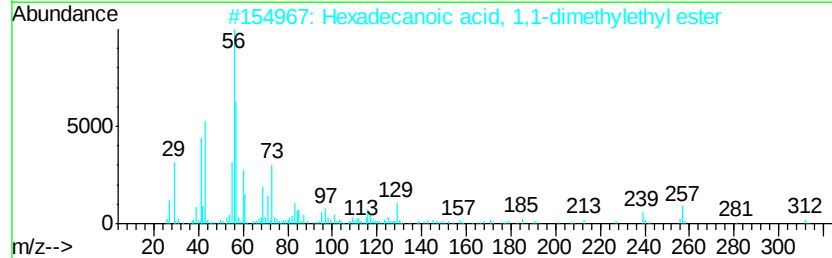
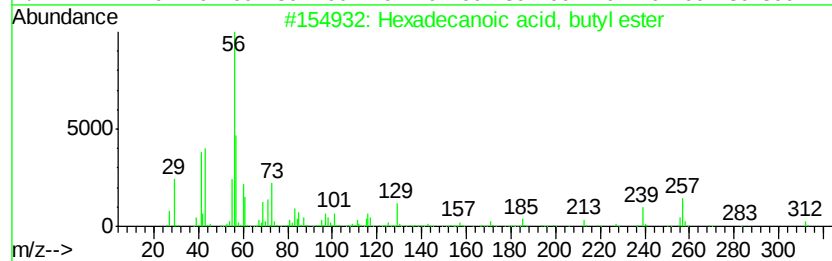
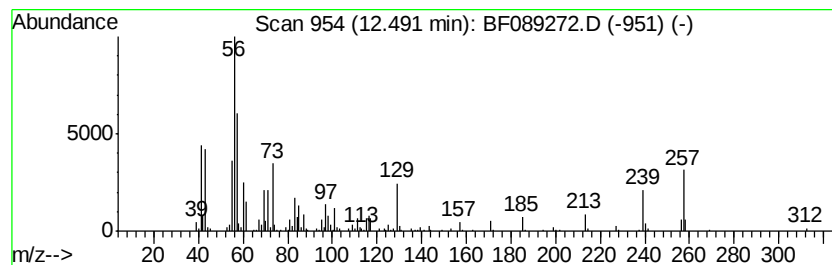
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	31.86 ng	479631	Chrysene-d12	13.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	70
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	53
4		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	27
5		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27



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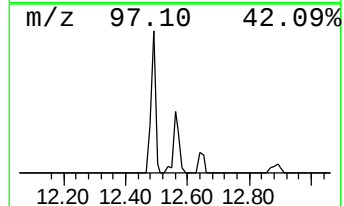
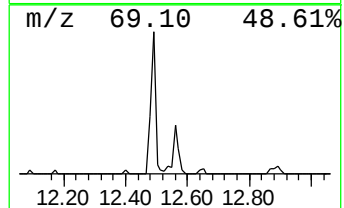
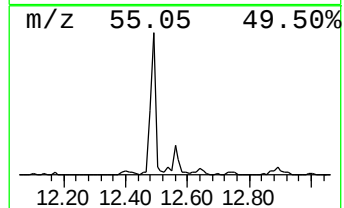
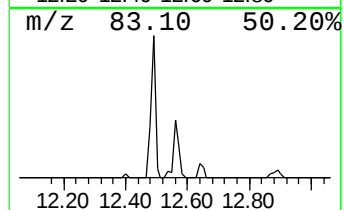
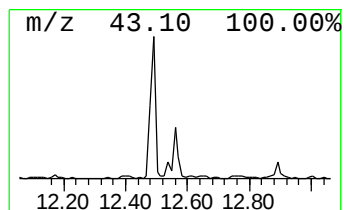
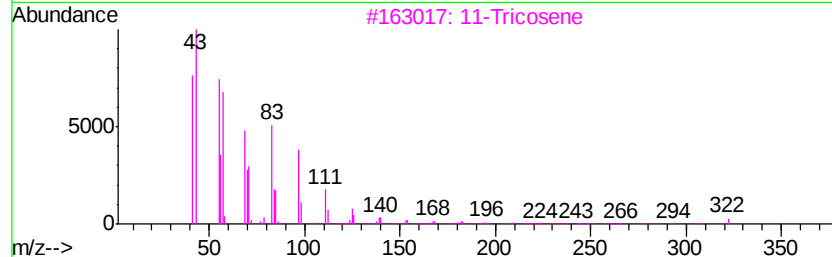
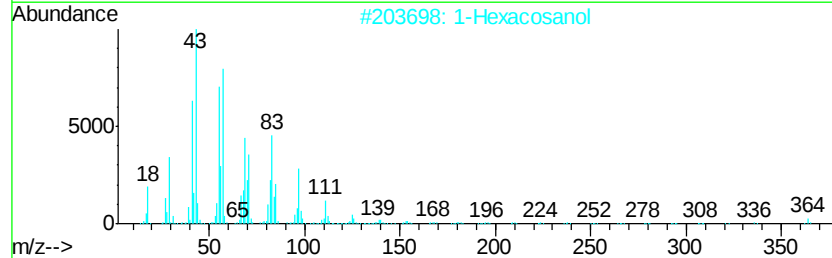
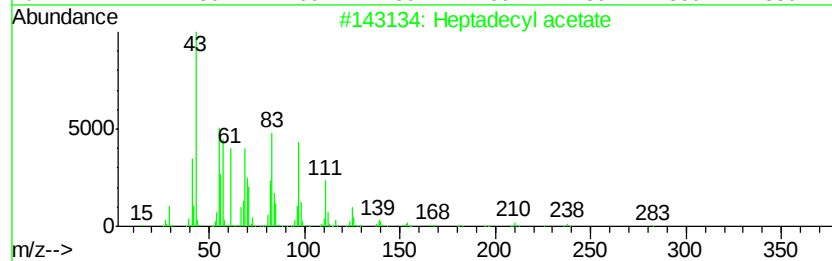
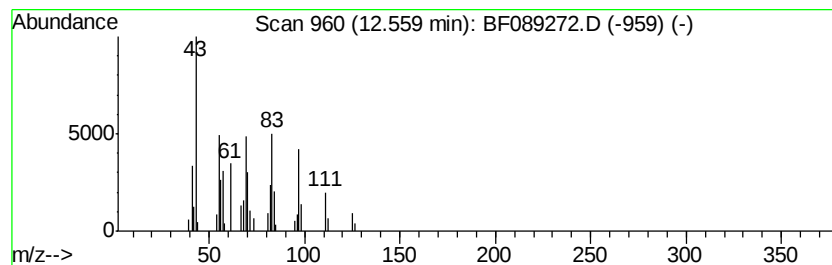
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptadecyl acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.56	5.49 ng	82658	Chrysene-d12		13.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl acetate	298	C19H38O2	000822-20-8	91
2			1-Hexacosanol	382	C26H54O	000506-52-5	64
3			11-Tricosene	322	C23H46	052078-56-5	53
4			n-Heptadecanol-1	256	C17H36O	001454-85-9	40
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	38



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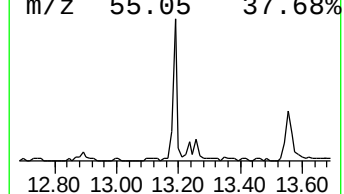
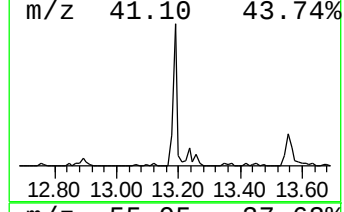
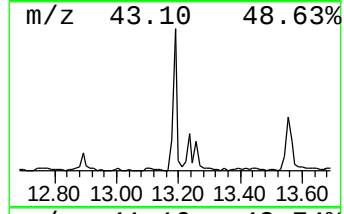
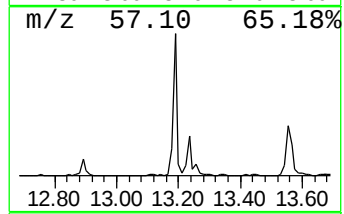
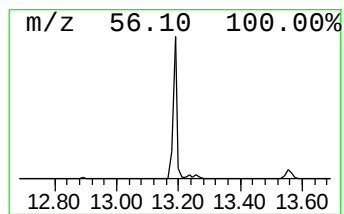
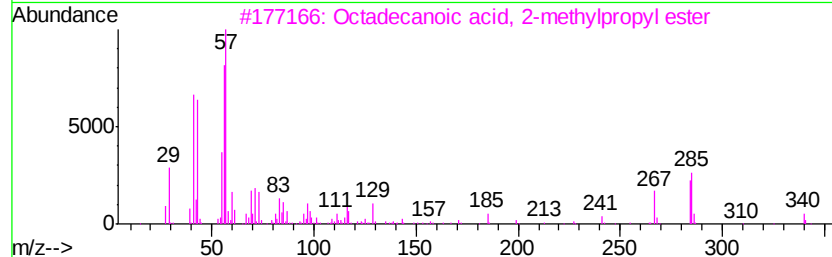
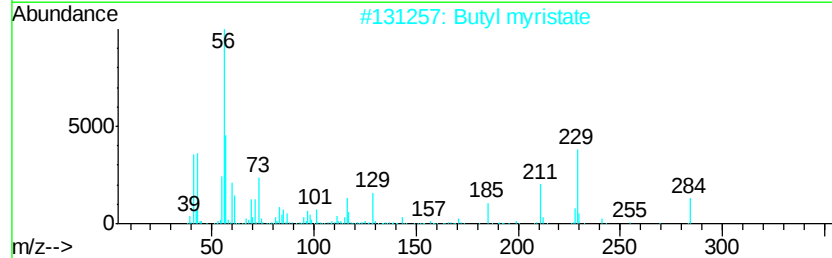
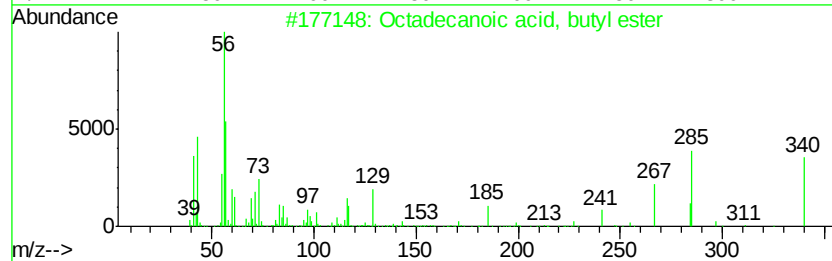
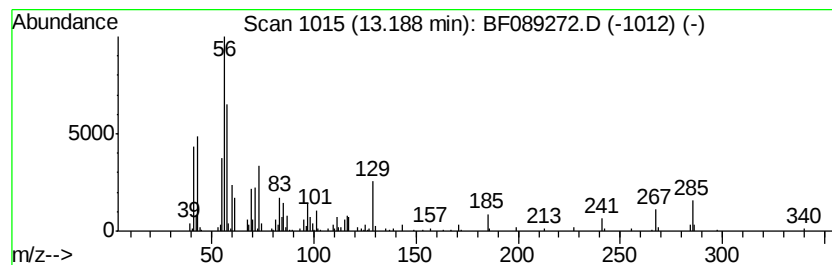
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Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	22.92 ng	345023	Chrysene-d12	13.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	94
2		Butyl myristate	284	C18H36O2	000110-36-1	64
3		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	53
4		5-Methyl-2-hexanol, chlorodifluoro	228	C9H15ClF2O2	1000376-27-1	35
5		Cyclohexanamine	99	C6H13N	000108-91-8	30



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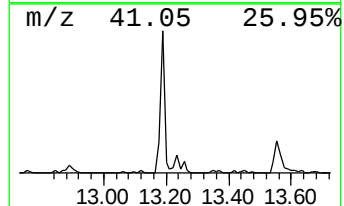
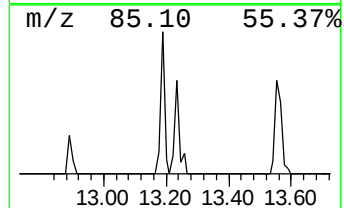
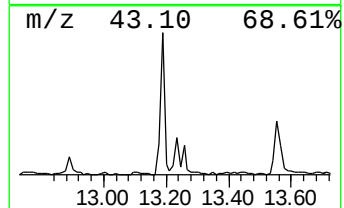
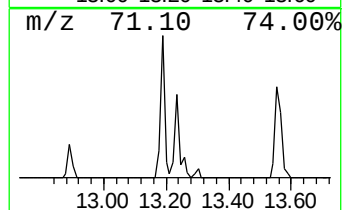
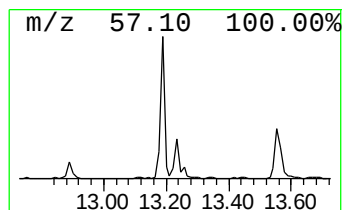
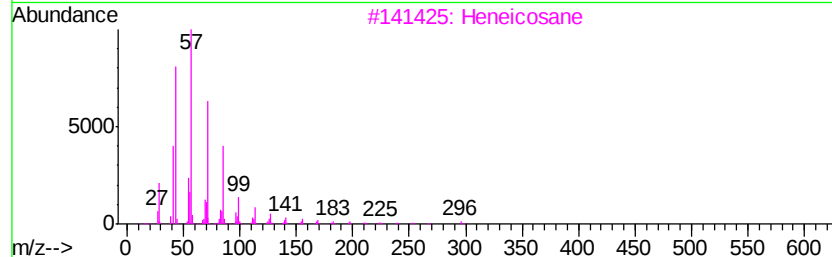
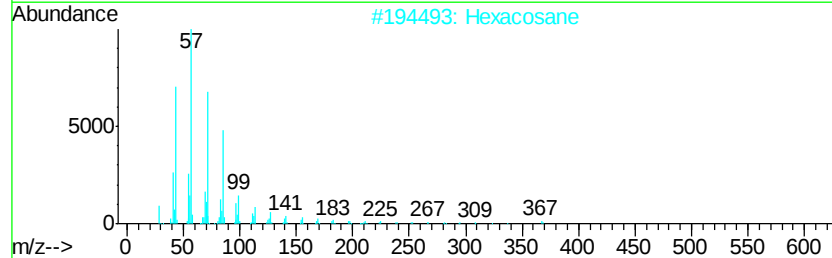
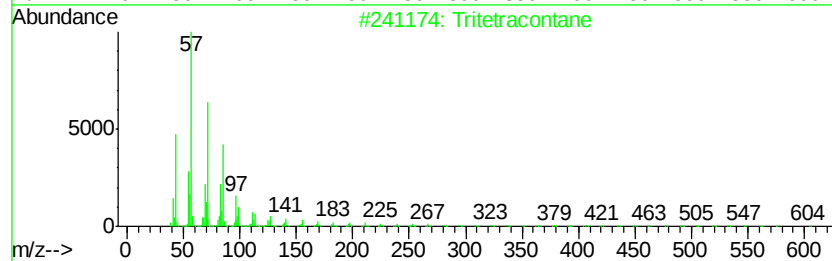
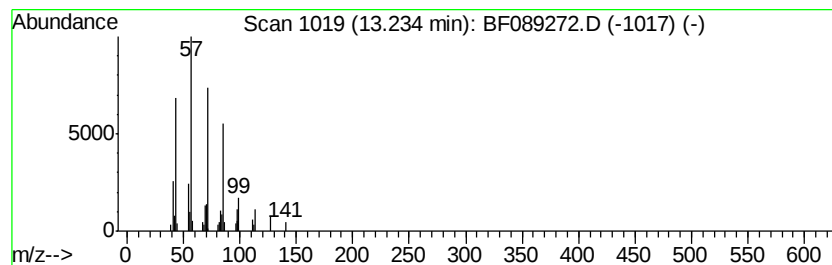
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tritetracontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.58 ng	38831	Chrysene-d12	13.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetracosane	338	C24H50	000646-31-1	83
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089272.D
Acq On : 25 Jul 2016 11:42
Operator : UM/SJ
Sample : H4154-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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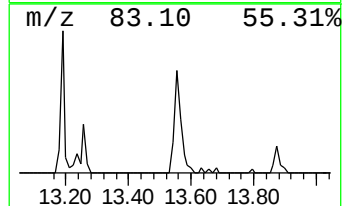
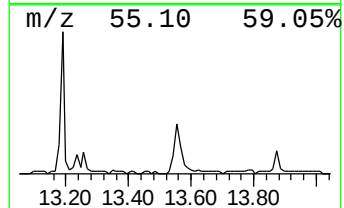
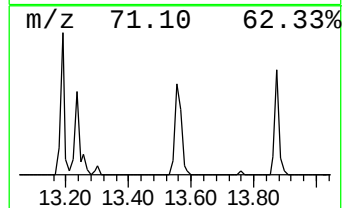
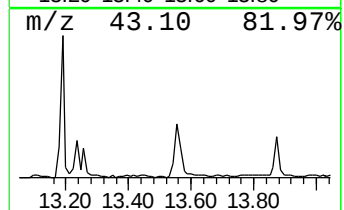
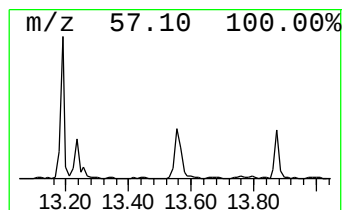
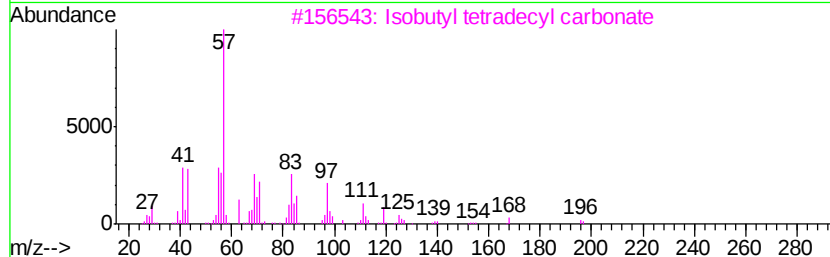
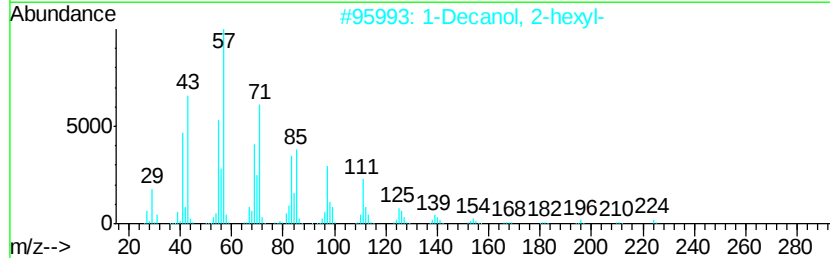
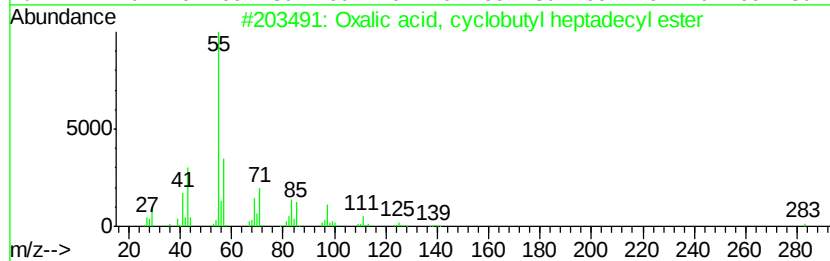
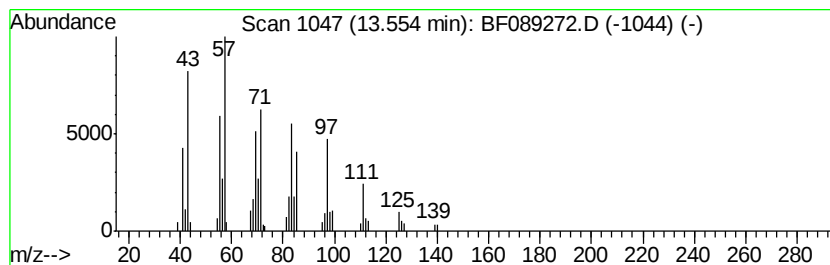
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxalic acid, cyclobutyl hep... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	9.72 ng	146319	Chrysene-d12	13.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, cvclobutvl heptadec...	382	C23H42O4	1000309-70-7	90
2		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	81
3		Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	72
4		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	70
5		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089272.D
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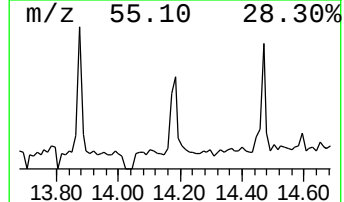
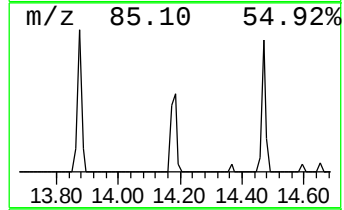
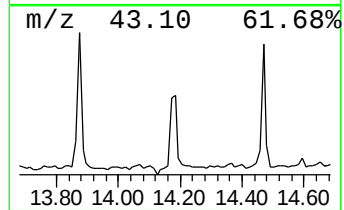
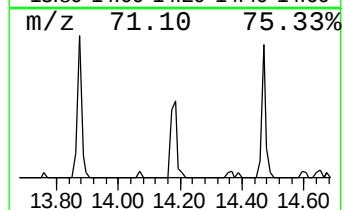
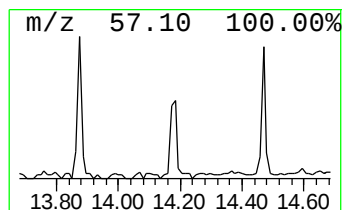
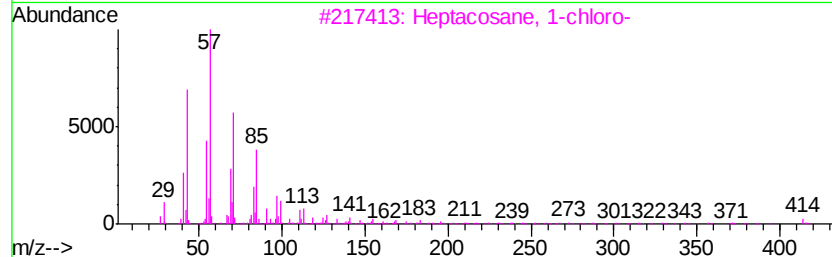
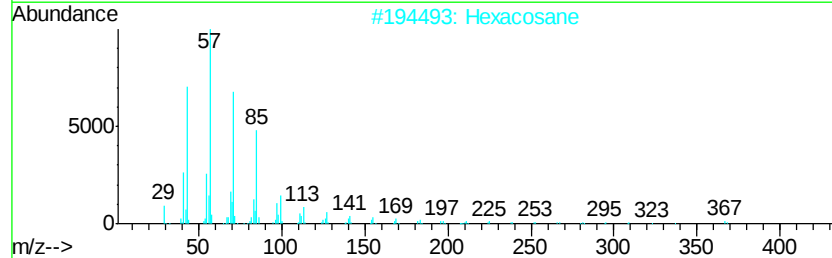
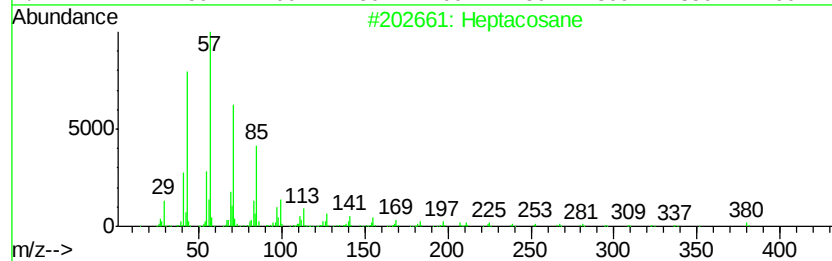
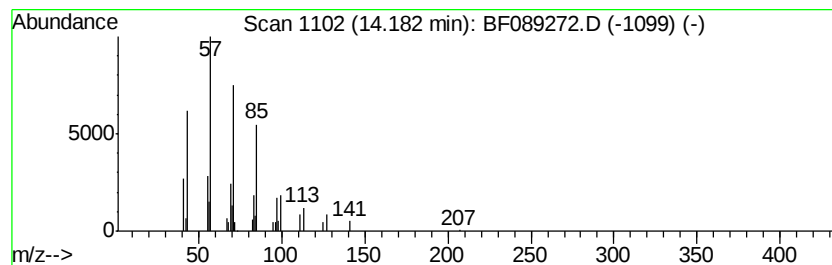
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	3.32 ng	50025	Chrysene-d12	13.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089272.D
Acq On : 25 Jul 2016 11:42
Operator : UM/SJ
Sample : H4154-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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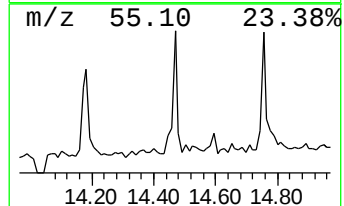
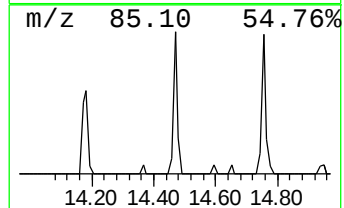
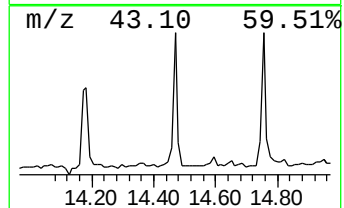
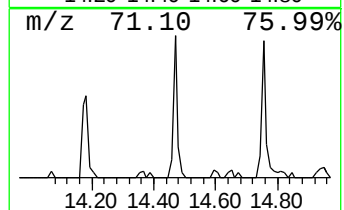
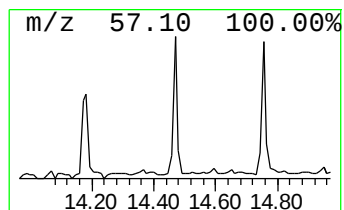
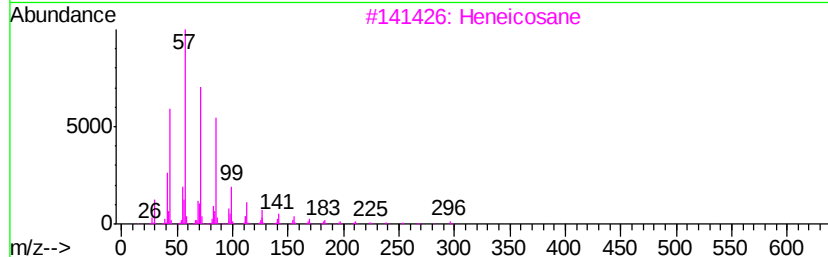
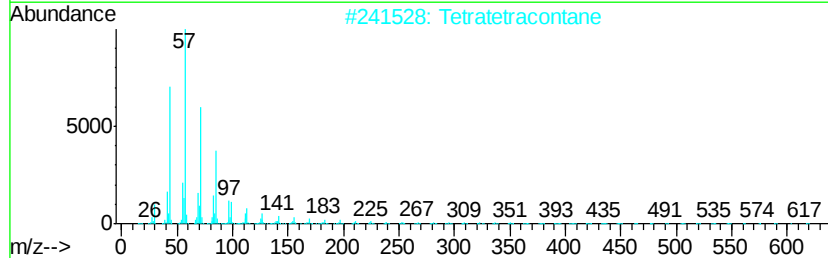
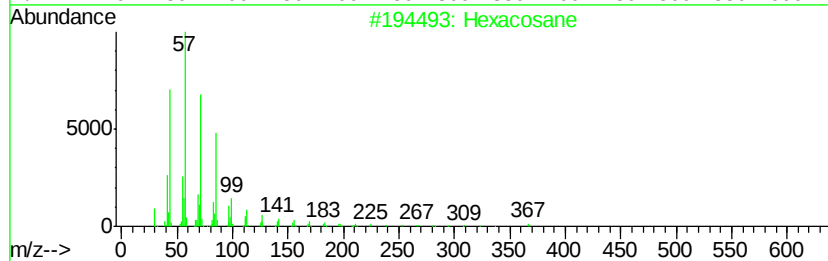
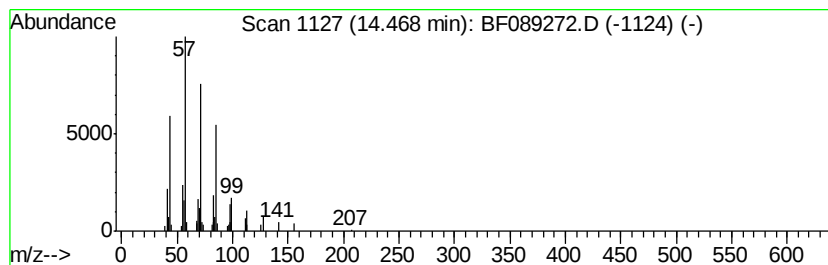
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	4.90 ng	57537	Perylene-d12	15.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089272.D
Acq On : 25 Jul 2016 11:42
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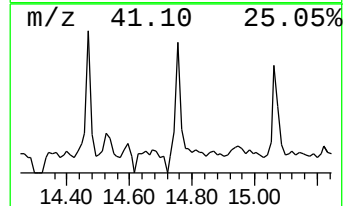
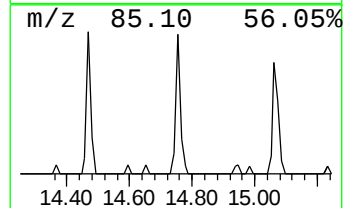
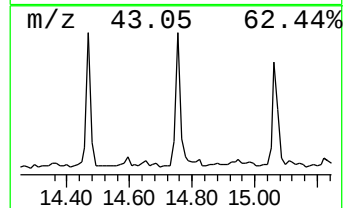
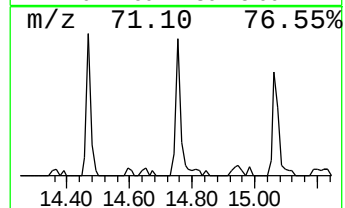
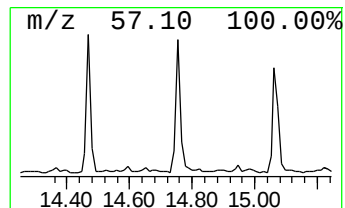
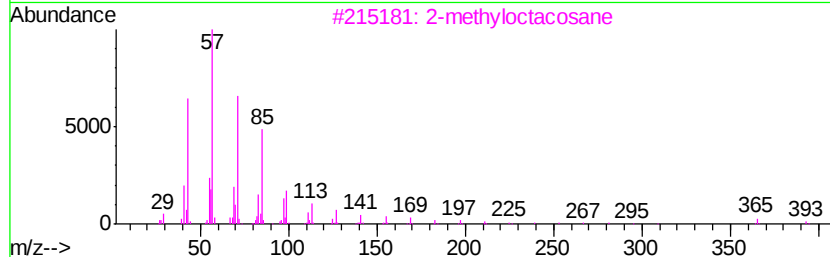
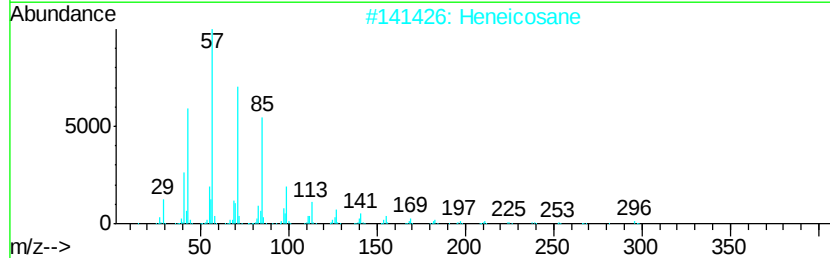
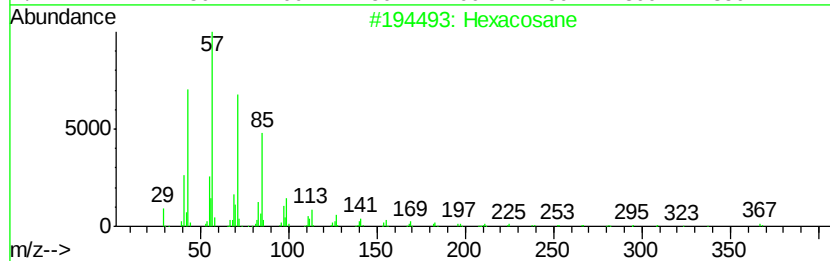
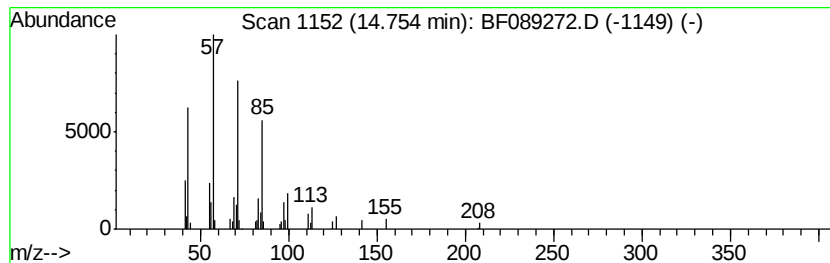
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	5.21 ng	61239	Perylene-d12	15.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		2-methyltetracosane	352	C25H52	1000376-72-6	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089272.D
Acq On : 25 Jul 2016 11:42
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Misc :
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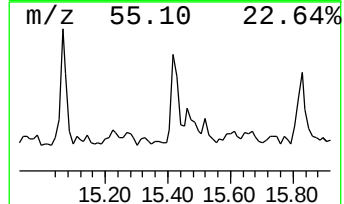
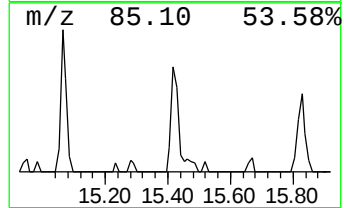
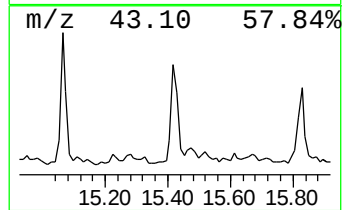
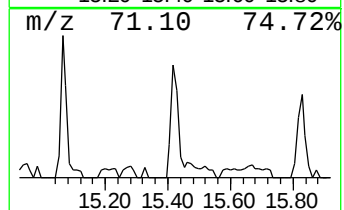
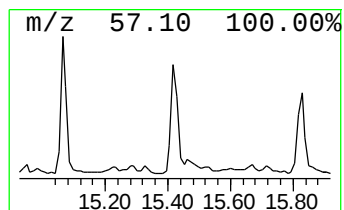
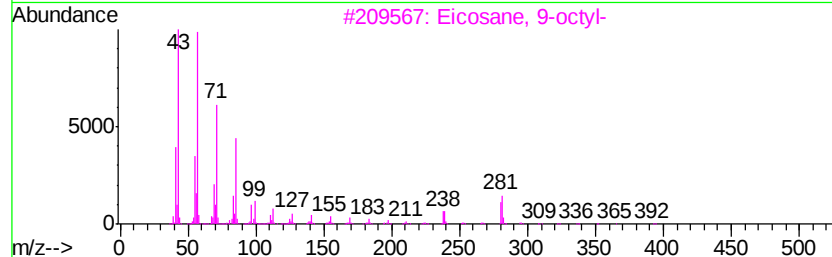
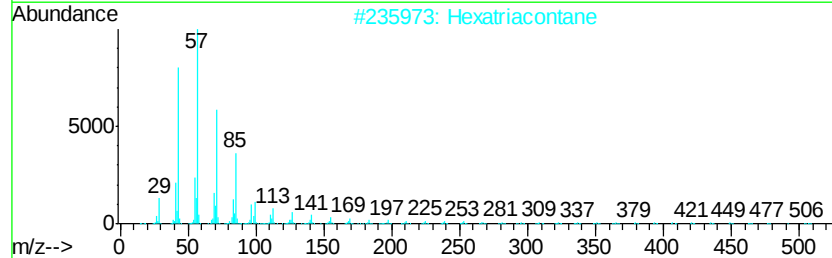
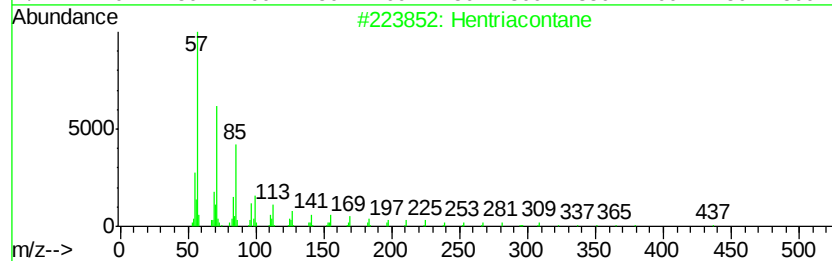
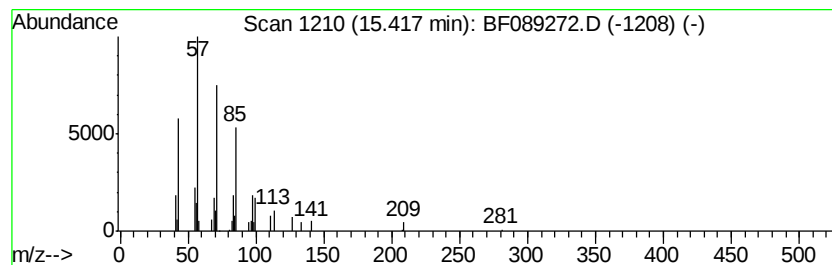
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hentriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	4.15 ng	48754	Perylene-d12	15.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	91
2			Hexatriacontane	507	C36H74	000630-06-8	90
3			Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	90
5			Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
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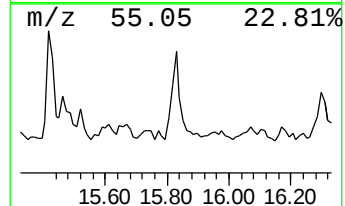
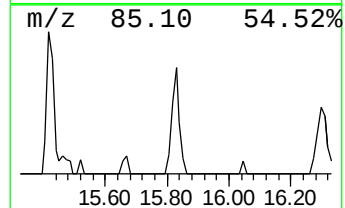
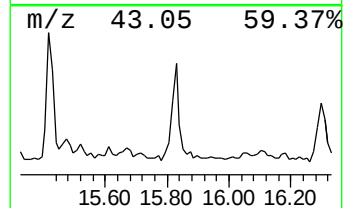
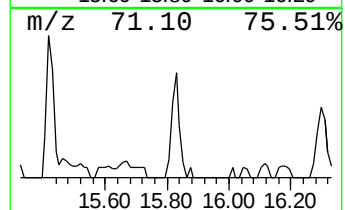
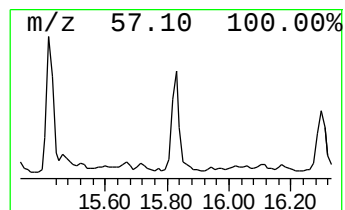
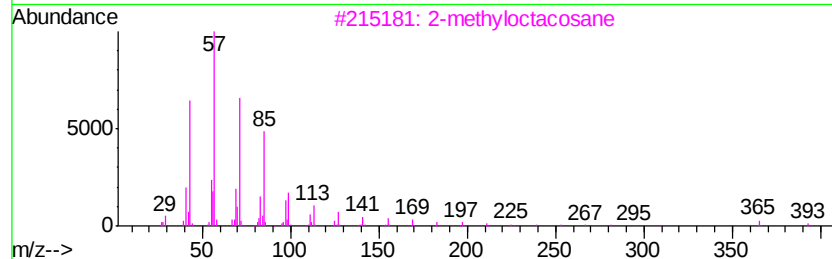
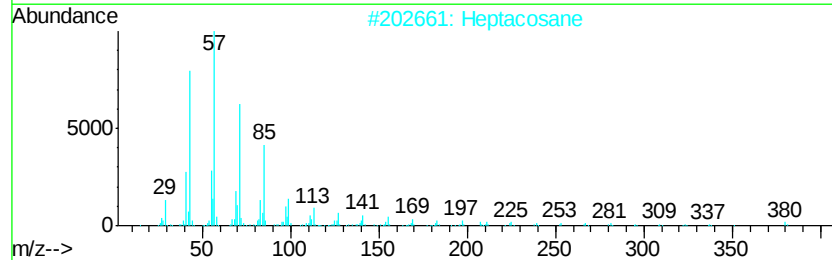
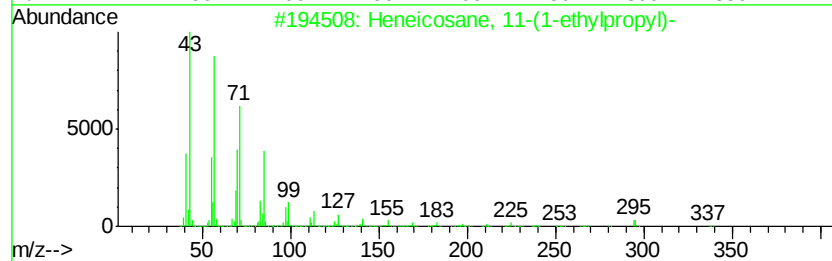
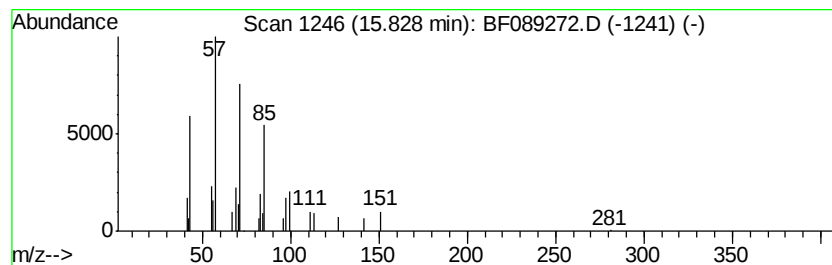
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane, 11-(1-ethylpro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	4.38 ng	51503	Perylene-d12	15.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
5		Tritetracontane	605	C43H88	007098-21-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089272.D
Acq On : 25 Jul 2016 11:42
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Sample : H4154-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GCF-SW-1

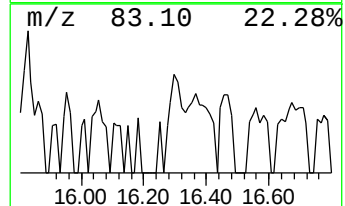
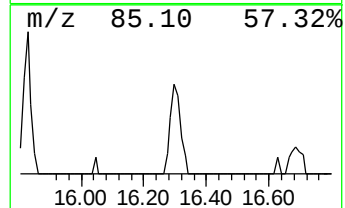
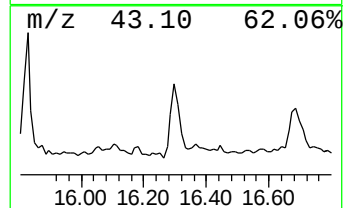
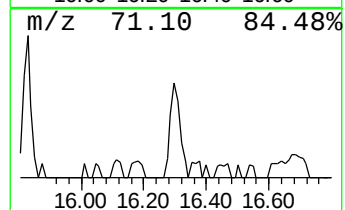
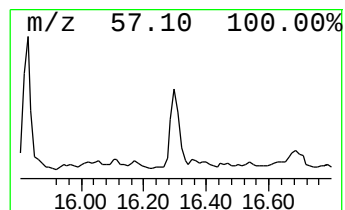
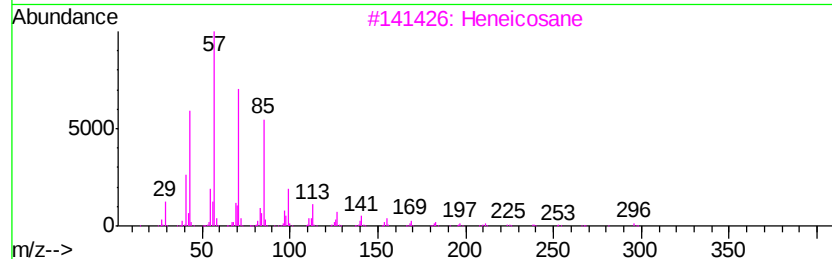
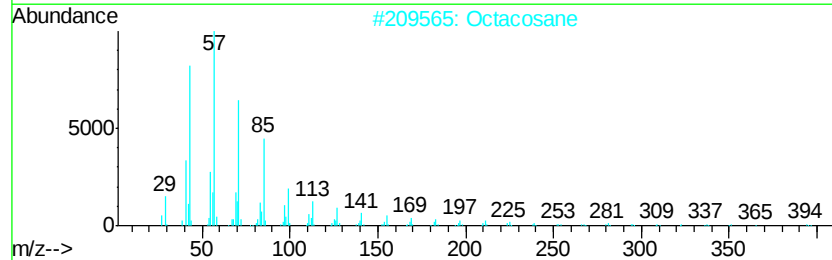
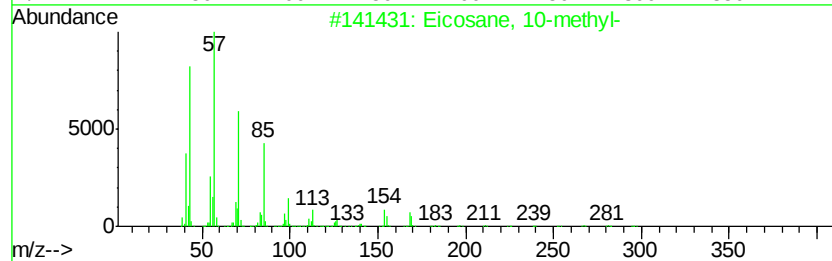
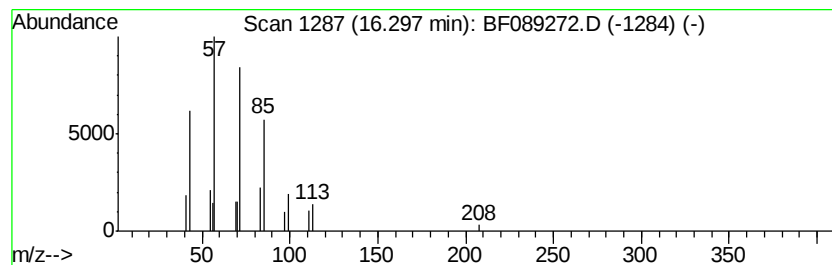
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane, 10-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.35 ng	27667	Perylene-d12	15.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
2			Octacosane	394	C28H58	000630-02-4	83
3			Heneicosane	296	C21H44	000629-94-7	78
4			2-Bromotetradecane	276	C14H29Br	074036-95-6	78
5			Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089272.D
Acq On : 25 Jul 2016 11:42
Operator : UM/SJ
Sample : H4154-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

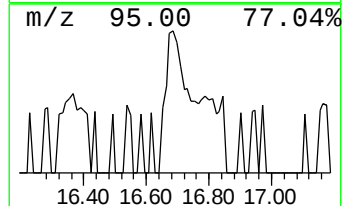
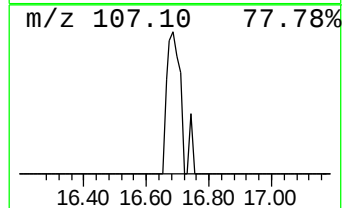
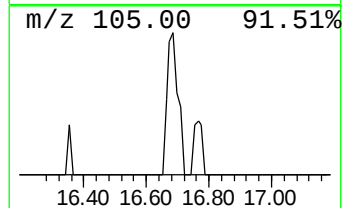
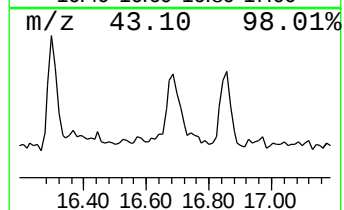
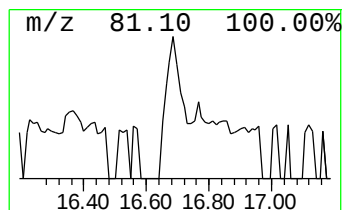
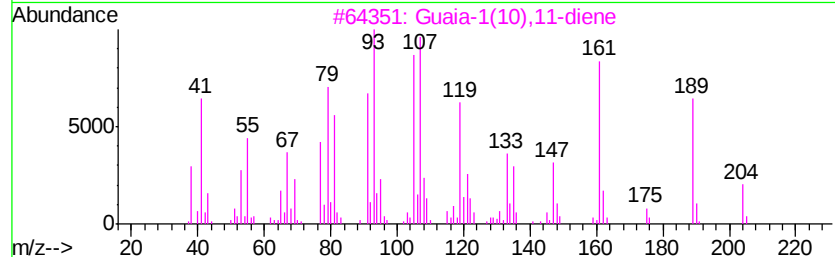
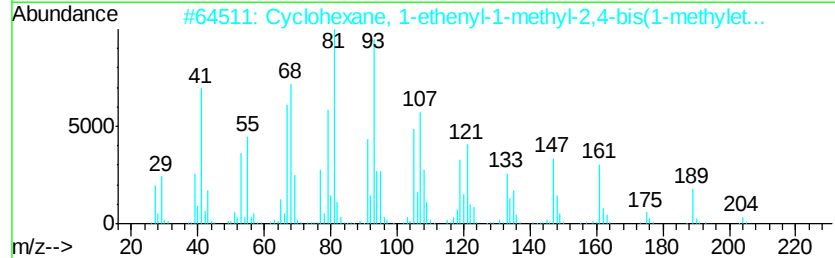
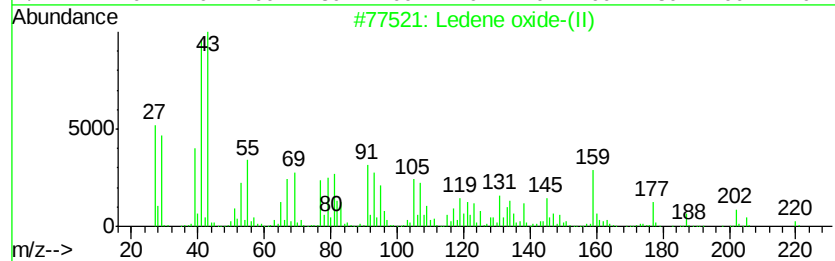
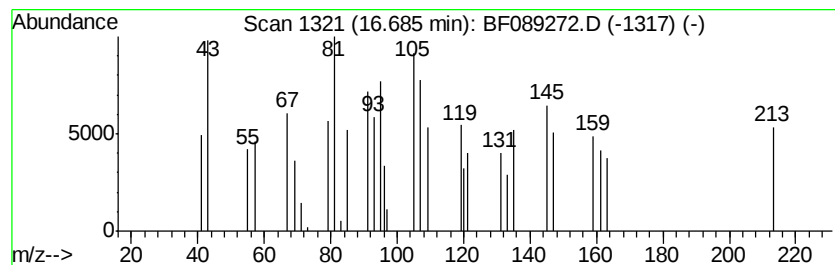
Instrument :
BNA_F
ClientSampleId :
GCF-SW-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.69 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	3.40 ng	39901	Perylene-d12	15.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ledene oxide-(II)	220 C15H24O	1000159-36-7 37
2		Cyclohexane, 1-ethenyl-1-methyl-...	204 C15H24	000515-13-9 32
3		Guaia-1(10),11-diene	204 C15H24	1000374-19-7 27
4		Bicyclo[5.2.0]nonane, 2-methylen...	204 C15H24	242794-76-9 25
5		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	013877-93-5 25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089272.D
 Acq On : 25 Jul 2016 11:42
 Operator : UM/SJ
 Sample : H4154-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GCF-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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...	4.70	6.4	ng	100512	1	6.56	313405	20.0
unknown6.33	6.33	113.2	ng	1773920	1	6.56	313405	20.0
Hexadecanoic acid...	12.49	31.9	ng	479631	5	13.68	301063	20.0
Heptadecyl acetate	12.56	5.5	ng	82658	5	13.68	301063	20.0
Octadecanoic acid...	13.19	22.9	ng	345023	5	13.68	301063	20.0
Tritetracontane	13.23	2.6	ng	38831	5	13.68	301063	20.0
Oxalic acid, cycl...	13.55	9.7	ng	146319	5	13.68	301063	20.0
Heptacosane	14.18	3.3	ng	50025	5	13.68	301063	20.0
Hexacosane	14.47	4.9	ng	57537	6	15.02	235026	20.0
Heneicosane	14.75	5.2	ng	61239	6	15.02	235026	20.0
Hentriacontane	15.42	4.2	ng	48754	6	15.02	235026	20.0
Heneicosane, 11-(...	15.83	4.4	ng	51503	6	15.02	235026	20.0
Eicosane, 10-methyl-	16.30	2.4	ng	27667	6	15.02	235026	20.0
unknown16.69	16.69	3.4	ng	39901	6	15.02	235026	20.0