

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083391.D
 Acq On : 2 Dec 2015 00:30
 Operator : UM/IZ
 Sample : G4527-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4(2-4)

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-BF113015.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	4.659	258	260	278	rVB	1443226	2442755	46.33%	5.106%
2	5.139	299	302	316	rBV	4158264	4510502	85.55%	9.428%
3	6.213	394	396	399	rBV	3304266	4684710	88.85%	9.792%
4	6.327	403	406	408	rBV	3539533	4557762	86.44%	9.527%
5	6.544	423	425	428	rBV	1045493	1055764	20.02%	2.207%
6	6.602	428	430	436	rVB2	24912	62765	1.19%	0.131%
7	6.704	436	439	441	rBV	3959106	3522374	66.81%	7.363%
8	7.116	473	475	478	rBV	2294539	2952246	55.99%	6.171%
9	7.276	486	489	495	rVB	110723	173300	3.29%	0.362%
10	7.836	535	538	540	rBV	1580950	1415381	26.84%	2.959%
11	8.796	618	622	625	rBV	39312	54294	1.03%	0.113%
12	8.922	630	633	635	rBV	4499544	5272592	100.00%	11.021%
13	9.322	665	668	670	rBV	1829825	1592897	30.21%	3.330%
14	9.539	685	687	689	rBV	83524	91260	1.73%	0.191%
15	9.585	689	691	693	rVV	1724304	1590881	30.17%	3.325%
16	10.042	729	731	733	rVB	147989	127826	2.42%	0.267%
17	10.259	747	750	753	rBV	50435	87929	1.67%	0.184%
18	10.373	758	760	763	rVV	2495481	2469150	46.83%	5.161%
19	10.522	771	773	777	rBV	131137	187302	3.55%	0.392%
20	11.013	814	816	818	rBV	86815	78776	1.49%	0.165%
21	11.128	823	826	828	rBV	1290282	1617422	30.68%	3.381%
22	11.219	830	834	839	rVB3	31058	91948	1.74%	0.192%
23	11.436	851	853	858	rBV	148051	224872	4.26%	0.470%
24	11.528	858	861	863	rVB	41717	57029	1.08%	0.119%
25	11.825	885	887	892	rBV2	71961	132584	2.51%	0.277%
26	12.522	945	948	952	rBV	61861	104588	1.98%	0.219%
27	12.957	984	986	989	rVB2	37215	78341	1.49%	0.164%
28	13.037	991	993	996	rVB	454884	562502	10.67%	1.176%
29	13.151	1001	1003	1006	rVB	118460	143412	2.72%	0.300%
30	13.219	1006	1009	1012	rBV	3271641	4553603	86.36%	9.518%
31	14.100	1083	1086	1089	rBV	320729	406543	7.71%	0.850%
32	14.168	1090	1092	1094	rBV	43651	63414	1.20%	0.133%
33	14.214	1094	1096	1099	rVB	51659	69723	1.32%	0.146%
34	14.328	1103	1106	1111	rBV	45409	95501	1.81%	0.200%

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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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35	14.682	1133	1137	1140	rBV2	92340	187038	3.55%	0.391%
36	14.751	1140	1143	1146	rVV	775313	1169557	22.18%	2.445%
37	15.185	1179	1181	1184	rBV	65560	99093	1.88%	0.207%
38	15.677	1221	1224	1228	rBV	63049	99021	1.88%	0.207%
39	16.145	1263	1265	1268	rBV	43317	75900	1.44%	0.159%
40	16.820	1320	1324	1329	rBV	654065	1078498	20.45%	2.254%

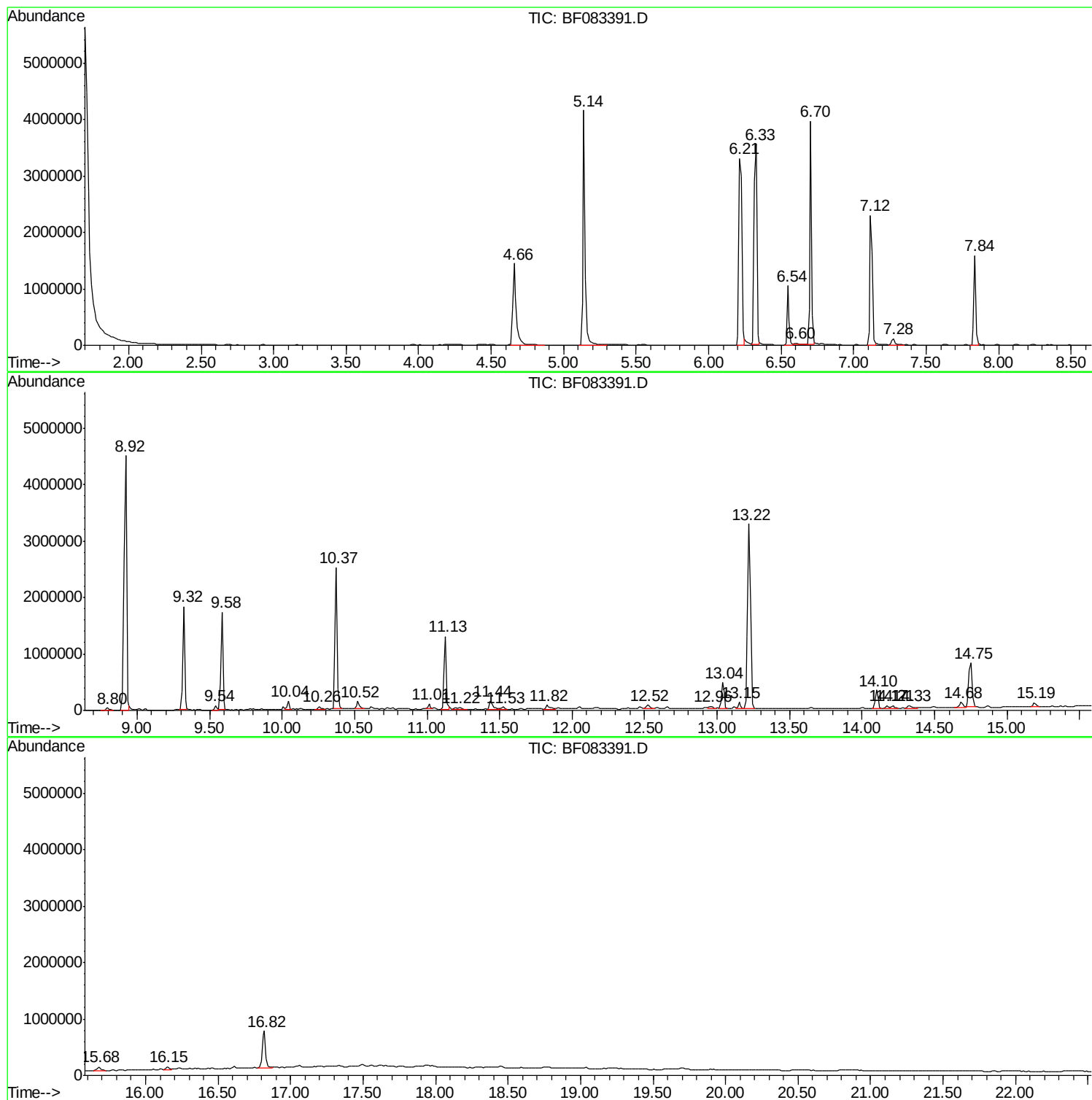
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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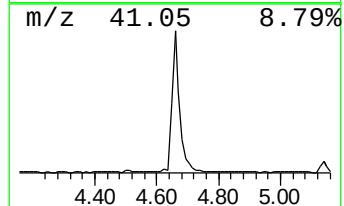
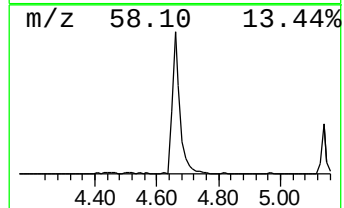
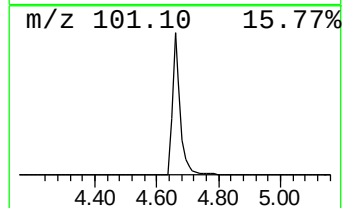
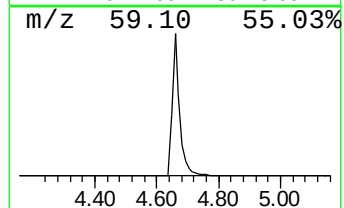
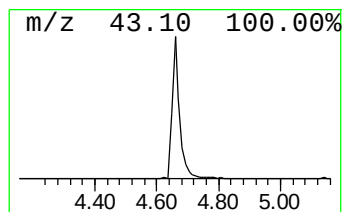
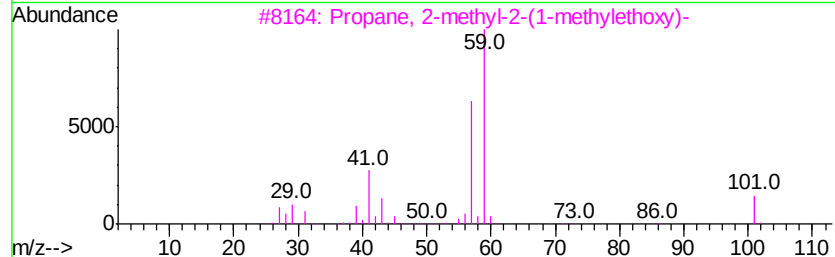
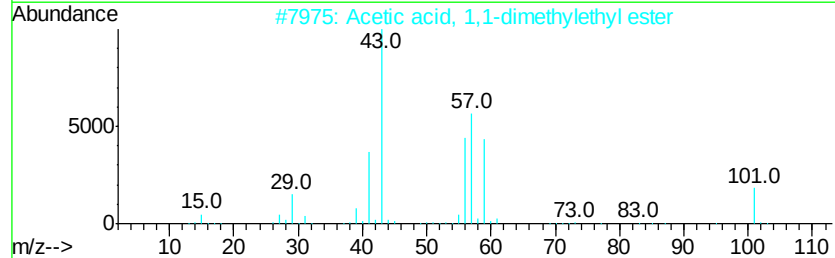
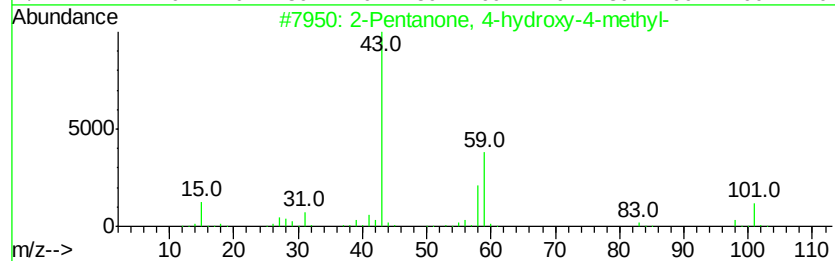
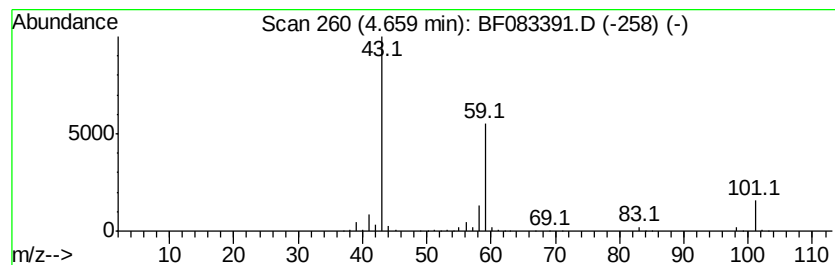
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	46.27 ng	2442760	1,4-Dichlorobenzene-d4	6.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33



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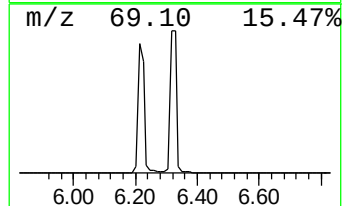
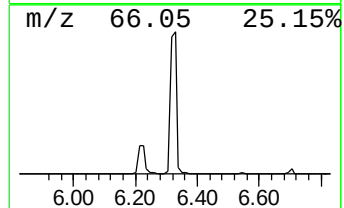
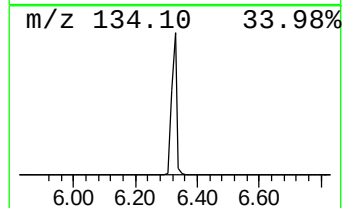
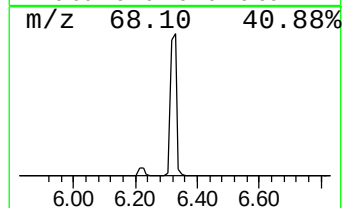
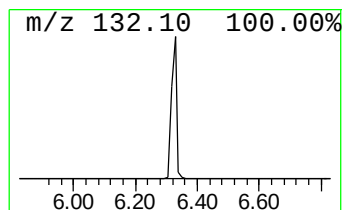
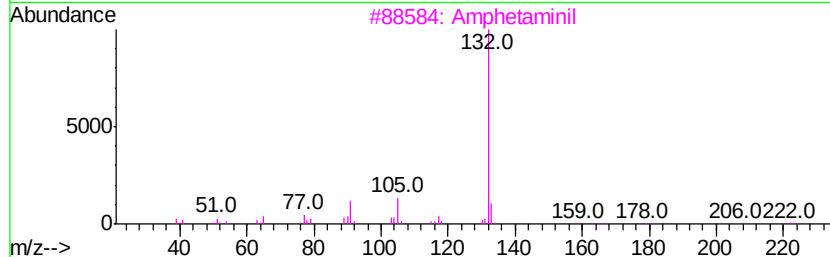
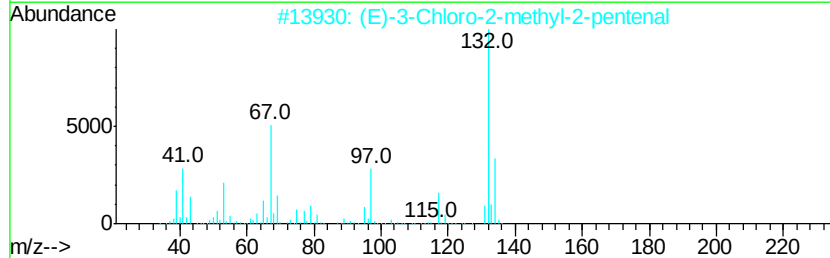
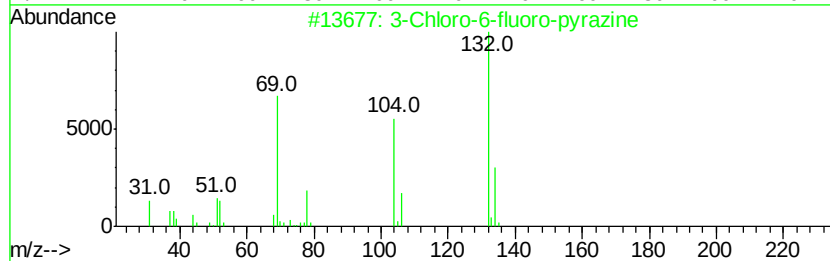
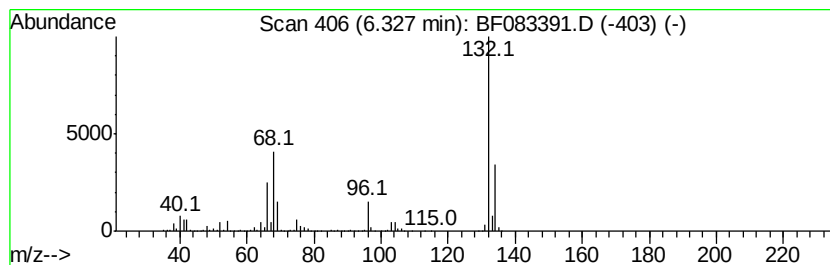
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	86.34 ng	4557760	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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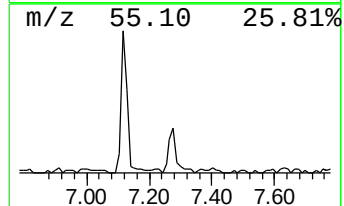
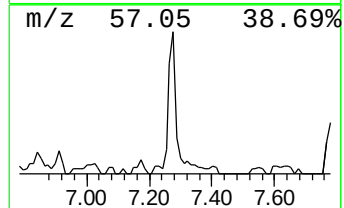
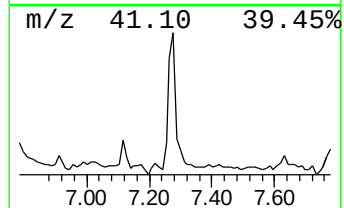
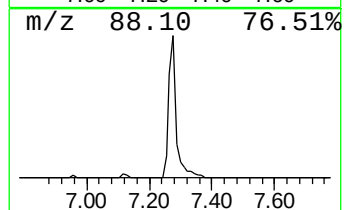
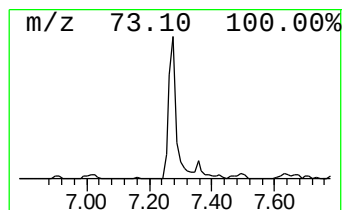
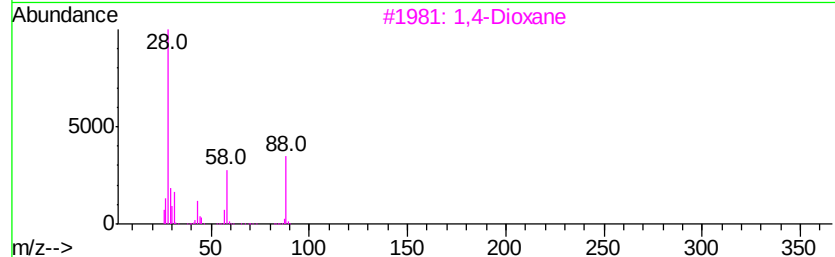
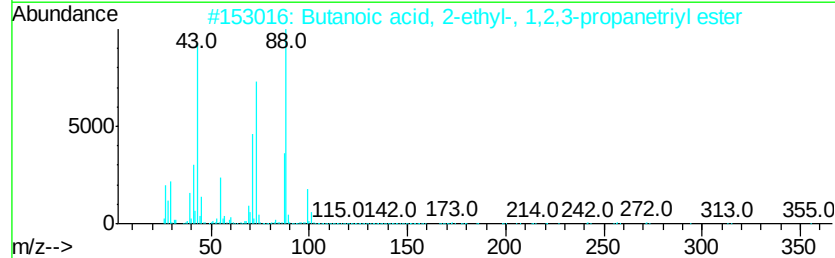
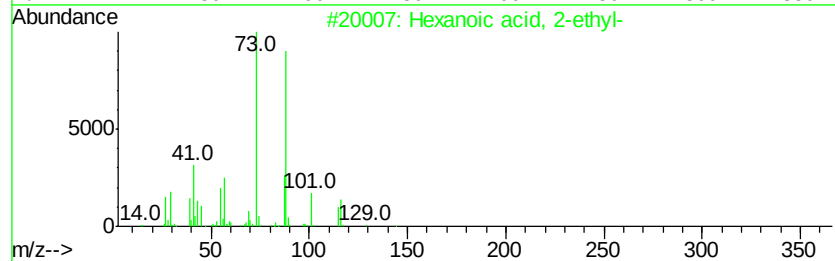
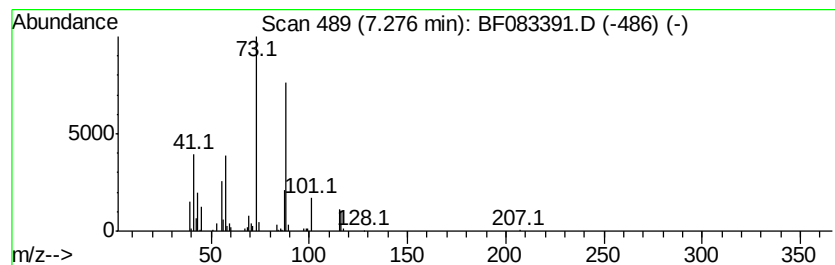
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	2.45 ng	173300	Naphthalene-d8	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
3		1,4-Dioxane	88	C4H8O2	000123-91-1	38
4		2,5-Cyclohexadiene-1,4-dione, 2,...	176	C6H2Cl2O2	000615-93-0	38
5		Undecanoic acid, 2-methyl-, meth...	214	C13H26O2	055955-69-6	37



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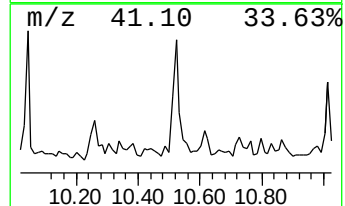
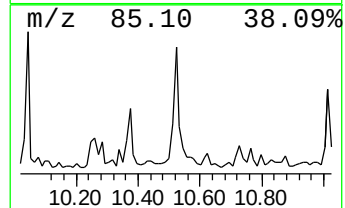
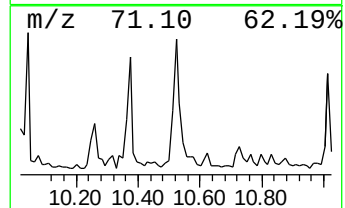
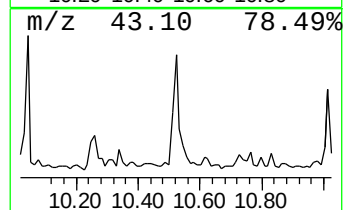
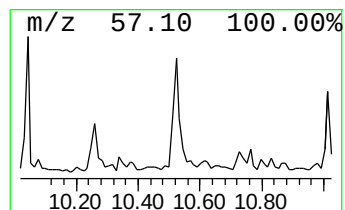
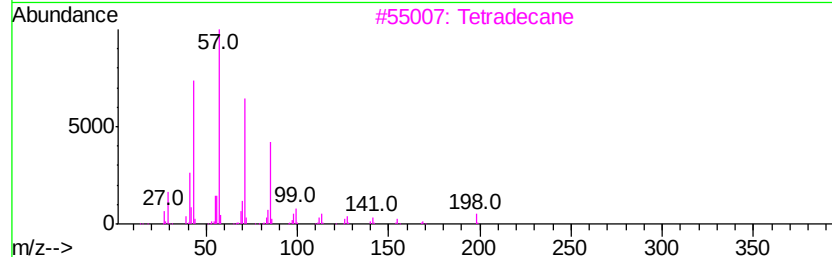
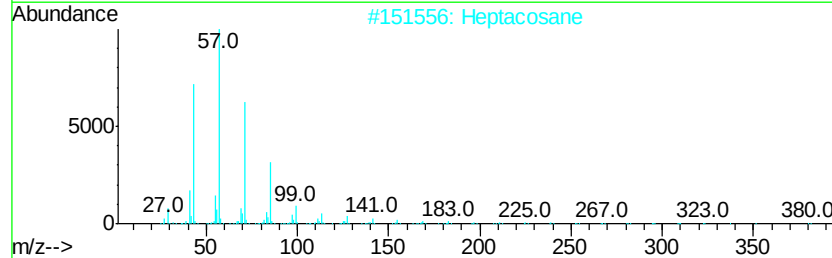
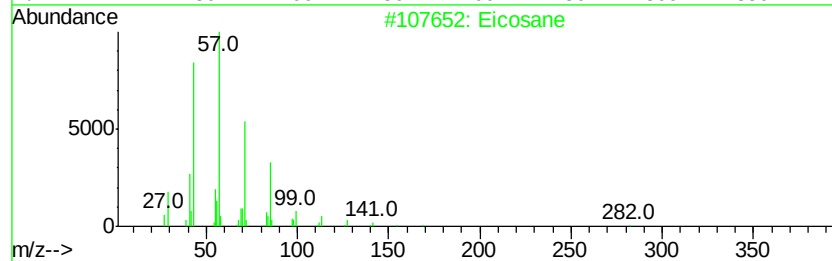
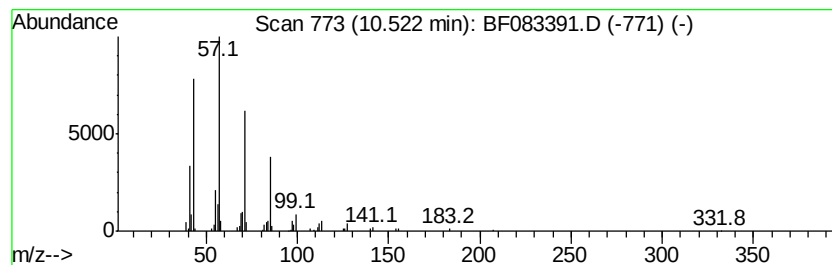
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	2.32 ng	187302	Phenanthrene-d10	11.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Heptacosane		380	C27H56	000593-49-7	91
3	Tetradecane		198	C14H30	000629-59-4	90
4	Tetracosane		338	C24H50	000646-31-1	90
5	Tridecane		184	C13H28	000629-50-5	90



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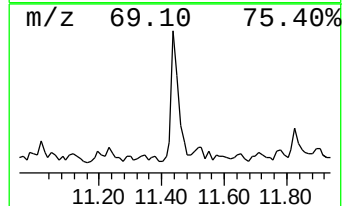
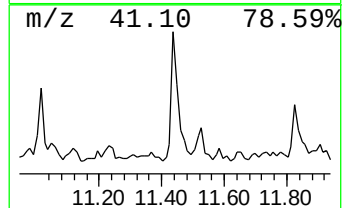
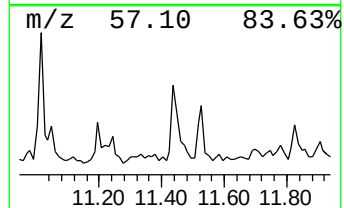
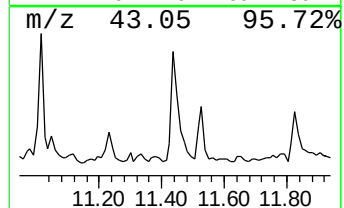
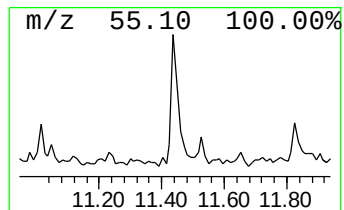
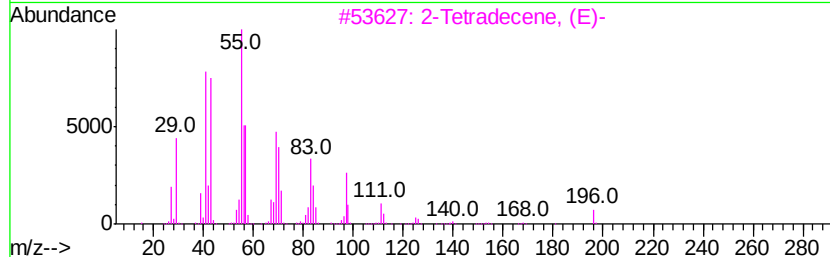
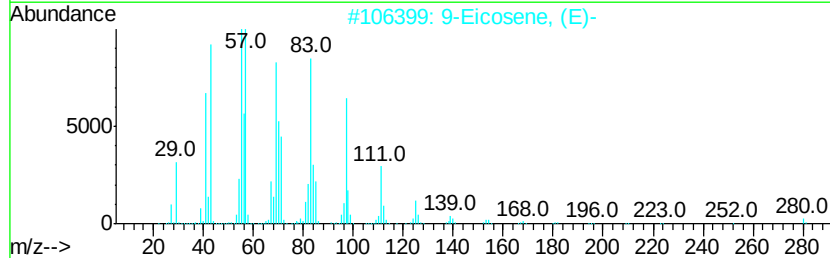
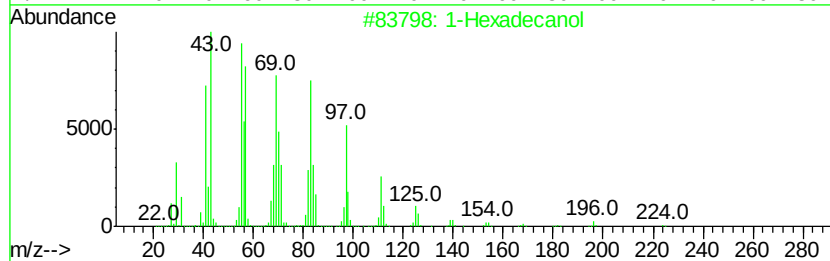
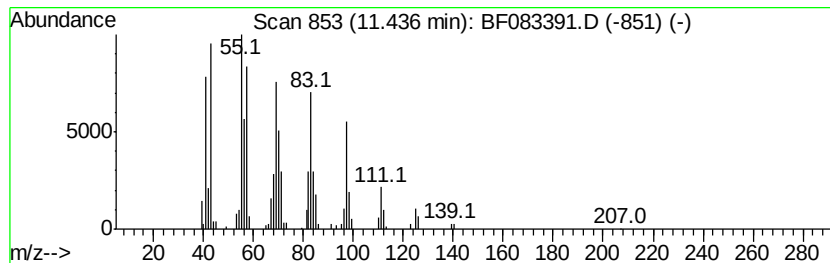
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Peak Number 6 1-Hexadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.44	2.78 ng	224872	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3	2-Tetradecene, (E)-	196	C14H28	035953-53-8	91
4	Cyclotetradecane	196	C14H28	000295-17-0	91
5	1-Tridecanol	200	C13H28O	000112-70-9	91



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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP4(2-4)

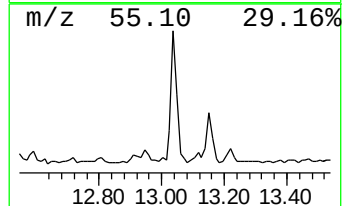
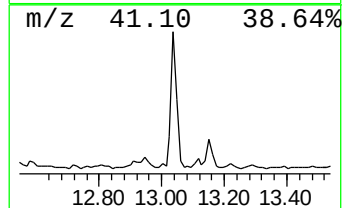
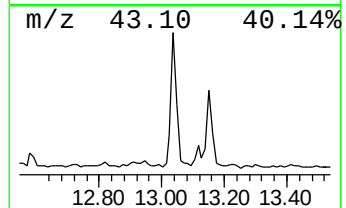
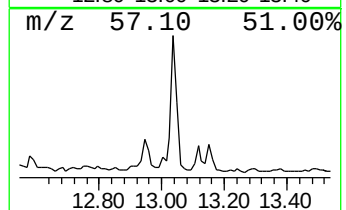
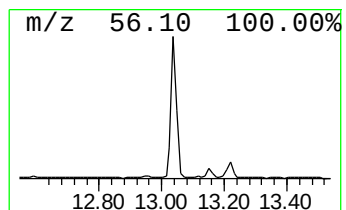
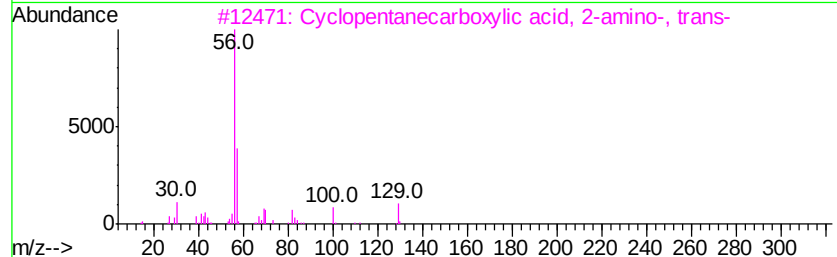
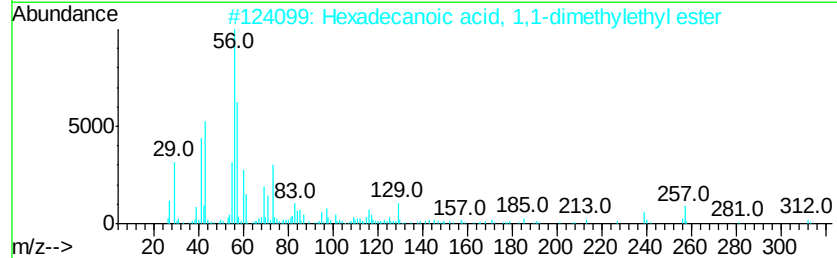
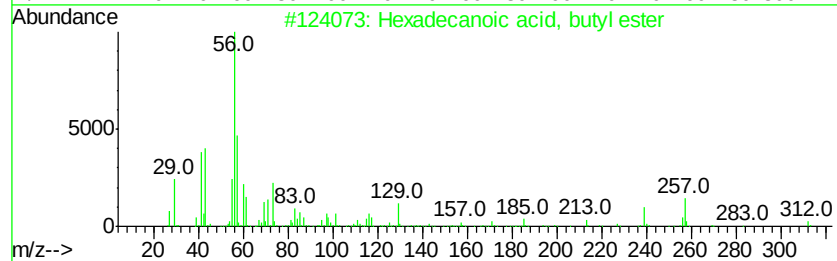
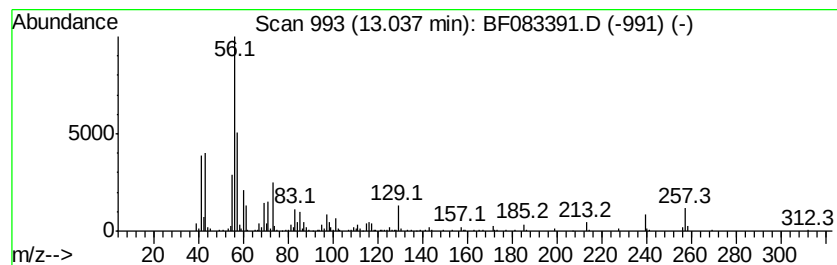
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	9.62 ng	562502	Chrysene-d12	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	62
3		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
5		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
Data File : BF083391.D
Acq On : 2 Dec 2015 00:30
Operator : UM/IZ
Sample : G4527-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP4(2-4)

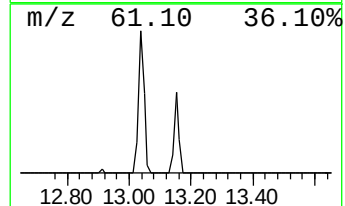
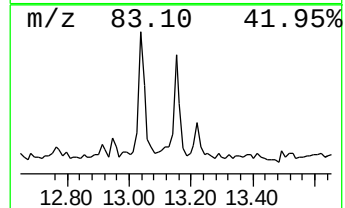
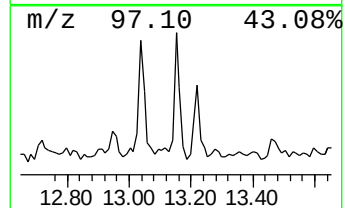
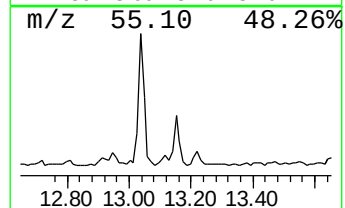
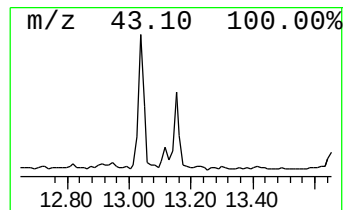
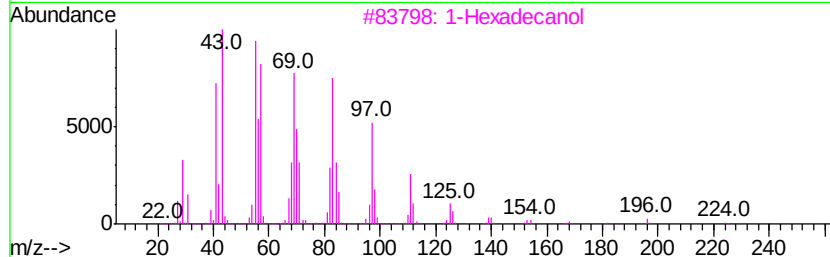
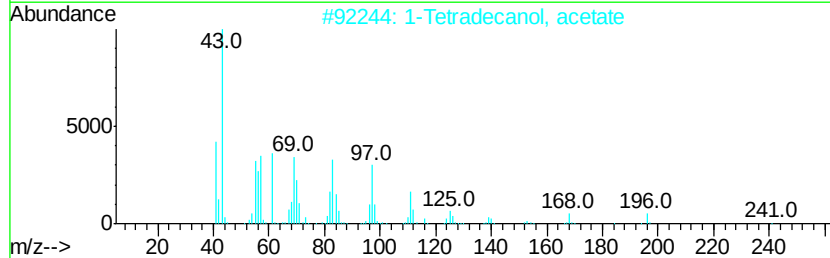
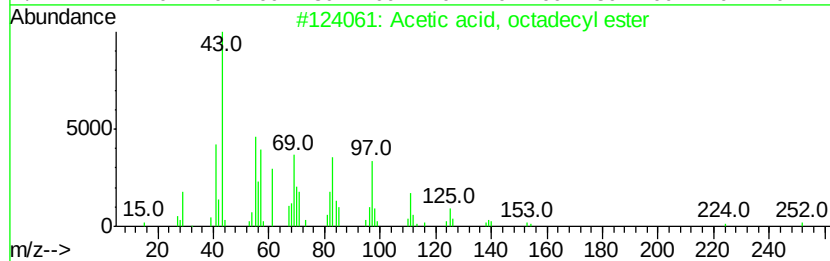
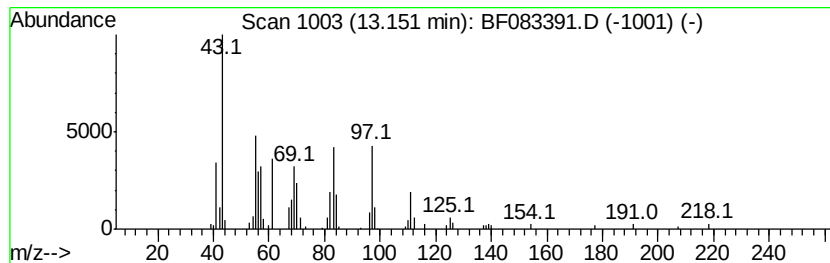
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Acetic acid, octadecyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.45 ng	143412	Chrysene-d12	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	90
2		1-Tetradecanol, acetate	256	C16H32O2	000638-59-5	83
3		1-Hexadecanol	242	C16H34O	036653-82-4	64
4		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	64
5		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083391.D
Acq On : 2 Dec 2015 00:30
Operator : UM/IZ
Sample : G4527-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

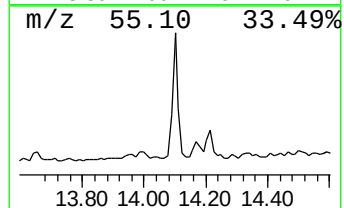
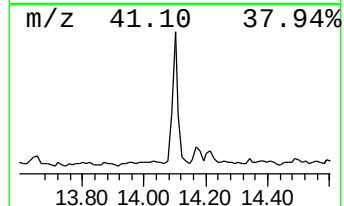
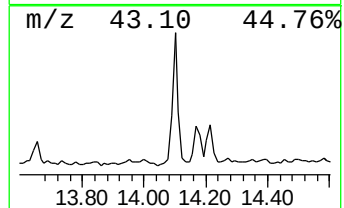
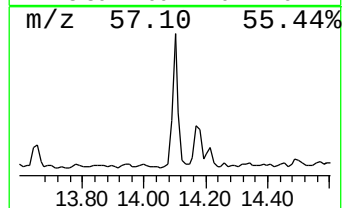
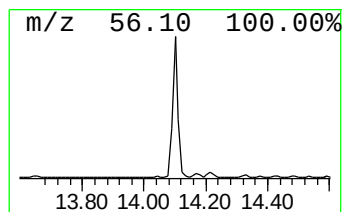
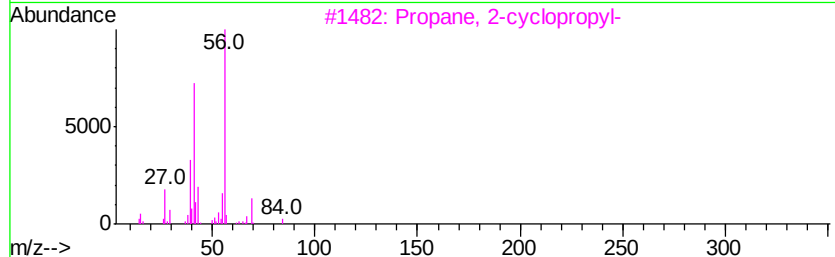
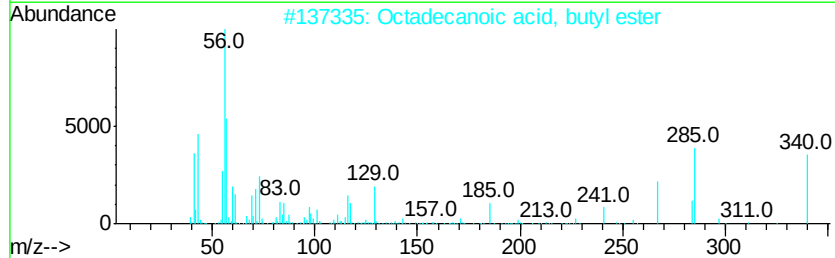
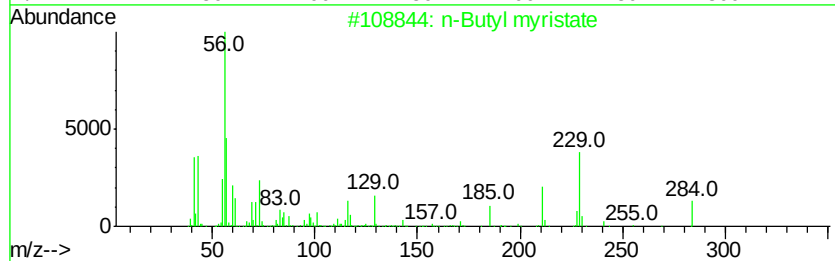
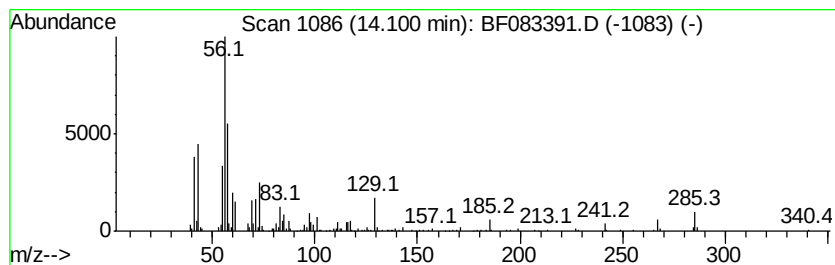
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Butyl myristate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.10	6.95 ng	406543	Chrysene-d12	14.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyl myristate	284	C18H36O2	000110-36-1	72
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	60
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	38
4	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	38
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
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Acq On : 2 Dec 2015 00:30
Operator : UM/IZ
Sample : G4527-03
Misc :
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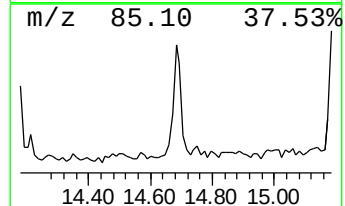
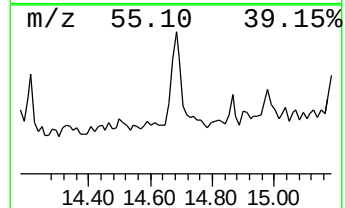
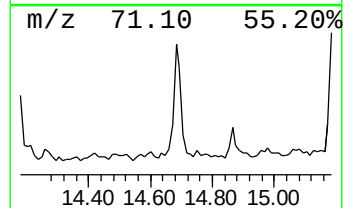
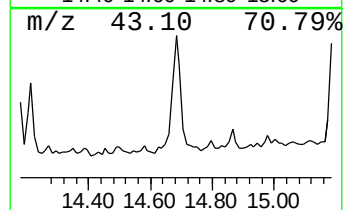
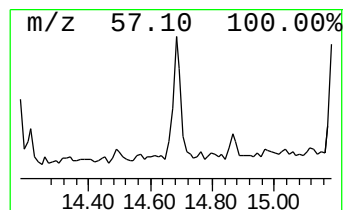
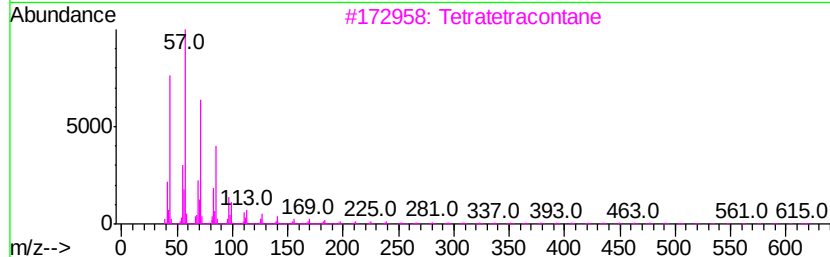
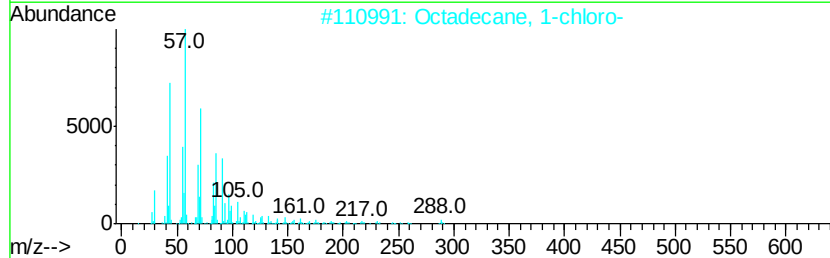
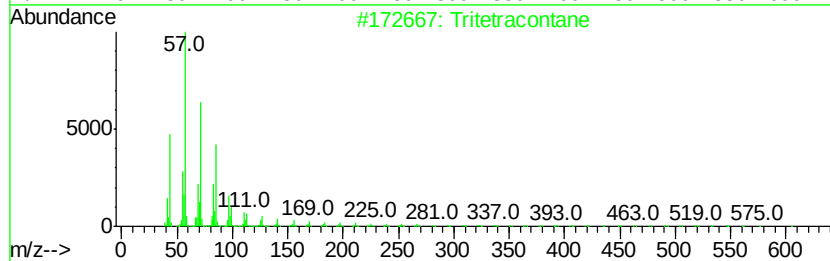
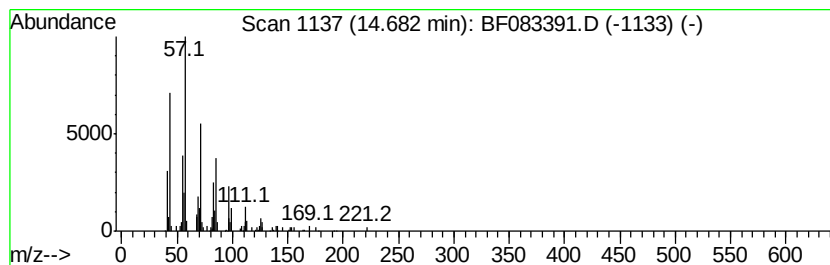
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tritetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.68	3.20 ng	187038	Chrysene-d12		14.75
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	91
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
3	Tetratetracontane	619	C44H90	007098-22-8	80
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
5	Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
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 Sample : G4527-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 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...	4.66	46.3	ng	2442760	1	6.54	1055760	20.0
unknown6.33	6.33	86.3	ng	4557760	1	6.54	1055760	20.0
Hexanoic acid, 2-...	7.28	2.5	ng	173300	2	7.84	1415380	20.0
Eicosane	10.52	2.3	ng	187302	4	11.13	1617420	20.0
1-Hexadecanol	11.44	2.8	ng	224872	4	11.13	1617420	20.0
Hexadecanoic acid...	13.04	9.6	ng	562502	5	14.75	1169560	20.0
Acetic acid, octa...	13.15	2.5	ng	143412	5	14.75	1169560	20.0
n-Butyl myristate	14.10	7.0	ng	406543	5	14.75	1169560	20.0
Tritetracontane	14.68	3.2	ng	187038	5	14.75	1169560	20.0