

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083532.D
 Acq On : 6 Dec 2015 20:24
 Operator : UM/IZ
 Sample : G4614-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S27-15.5

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-BF120415.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	3.584	164	166	180	rVB	740338	1694473	24.17%	2.672%
2	4.019	201	204	222	rBV	4827637	6627925	94.54%	10.453%
3	5.299	312	316	325	rBV	4553526	7010718	100.00%	11.056%
4	5.424	325	327	330	rBV	4136186	6452650	92.04%	10.176%
5	5.733	351	354	365	rBV	995037	1241348	17.71%	1.958%
6	5.950	370	373	376	rBV	3717267	4682635	66.79%	7.385%
7	6.567	423	427	429	rBV	2652512	4356481	62.14%	6.870%
8	6.853	448	452	458	rBV	109331	228388	3.26%	0.360%
9	7.630	517	520	532	rBV	1218636	1676900	23.92%	2.645%
10	9.379	669	673	676	rBV	4206745	6678784	95.27%	10.533%
11	10.065	730	733	736	rBV	1325183	1628705	23.23%	2.569%
12	10.419	761	764	771	rBV	1292529	2040216	29.10%	3.218%
13	11.265	835	838	841	rVB	163294	245263	3.50%	0.387%
14	11.631	864	870	874	rBV	59657	164143	2.34%	0.259%
15	11.711	874	877	880	rBV	2900972	4266717	60.86%	6.729%
16	12.042	903	906	911	rBV	191274	333534	4.76%	0.526%
17	12.362	930	934	937	rBV	37365	78999	1.13%	0.125%
18	12.774	967	970	972	rBV	116266	167182	2.38%	0.264%
19	12.819	972	974	977	rBV	1357907	1805167	25.75%	2.847%
20	13.871	1063	1066	1072	rBV	186001	270015	3.85%	0.426%
21	14.785	1143	1146	1150	rBV	105944	161687	2.31%	0.255%
22	15.151	1175	1178	1185	rBV	161446	320437	4.57%	0.505%
23	15.300	1187	1191	1196	rBV2	270311	556062	7.93%	0.877%
24	15.460	1200	1205	1207	rBV	3664861	6083991	86.78%	9.595%
25	16.431	1287	1290	1293	rBV	215440	276710	3.95%	0.436%
26	16.946	1332	1335	1339	rBV2	184555	342848	4.89%	0.541%
27	17.014	1339	1341	1349	rVB	1443585	1854310	26.45%	2.924%
28	17.391	1371	1374	1376	rVB	84196	99900	1.42%	0.158%
29	17.768	1405	1407	1411	rVB	82329	91798	1.31%	0.145%
30	18.111	1435	1437	1440	rVV	83628	112252	1.60%	0.177%
31	18.443	1463	1466	1469	rBV	46974	71780	1.02%	0.113%
32	18.649	1482	1484	1491	rVV	900827	1224245	17.46%	1.931%
33	18.763	1491	1494	1497	rVB	49244	84883	1.21%	0.134%
34	19.117	1522	1525	1527	rBV	47337	78635	1.12%	0.124%

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S27-15.5

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-BF120415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.986	1594	1601	1605	rBV3	40763	122950	1.75%	0.194%
36	20.317	1626	1630	1636	rBV3	28979	82655	1.18%	0.130%
37	20.523	1644	1648	1659	rVB3	30281	111454	1.59%	0.176%
38	21.152	1699	1703	1710	rVB3	26252	81801	1.17%	0.129%

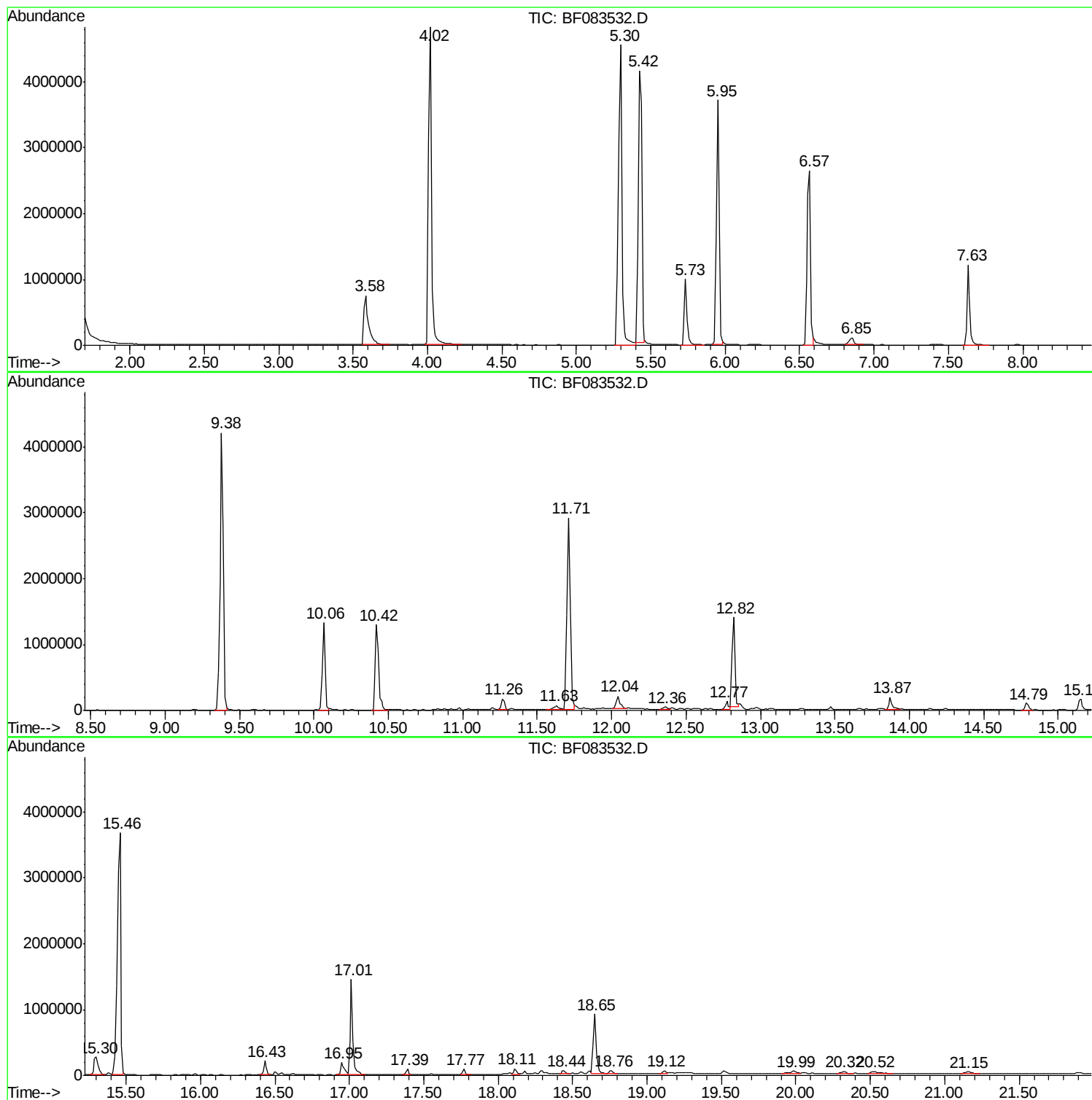
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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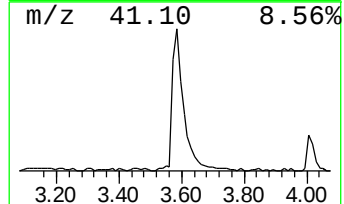
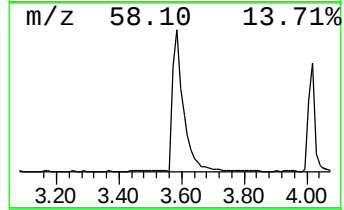
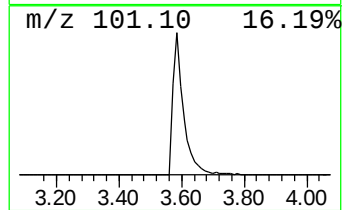
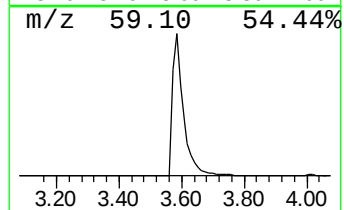
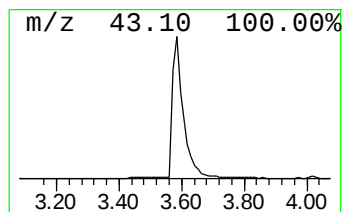
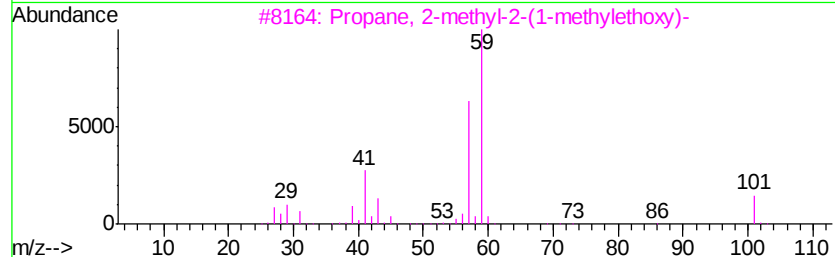
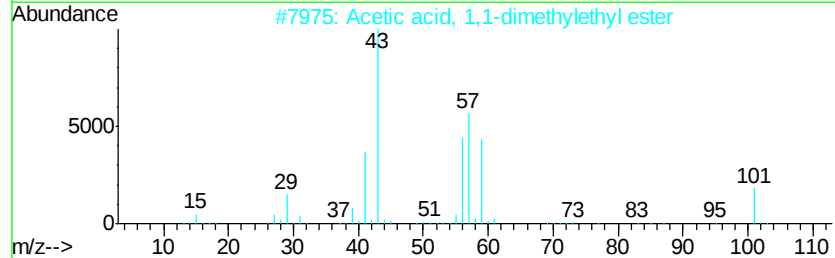
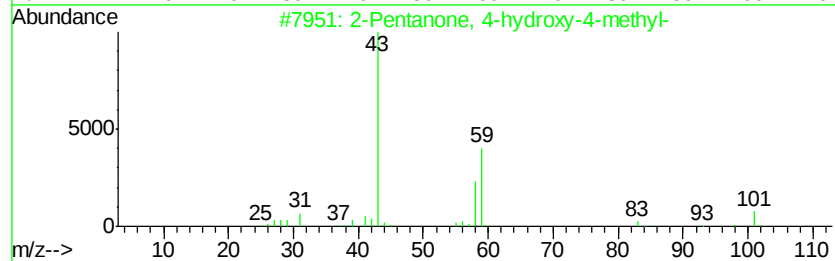
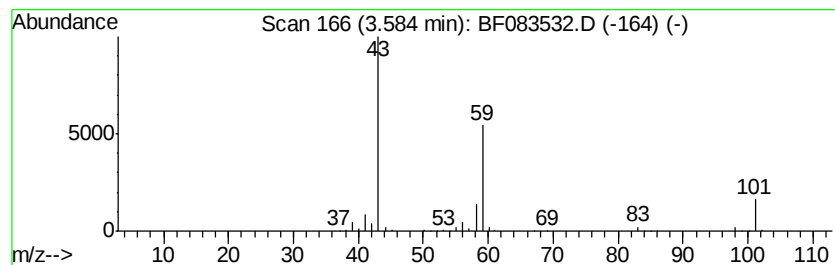
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.58	27.30 ng	1694470	1,4-Dichlorobenzene-d4	5.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
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			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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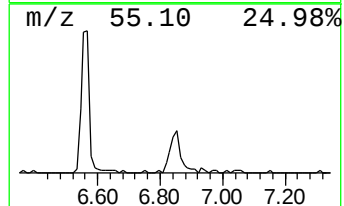
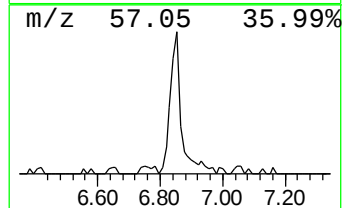
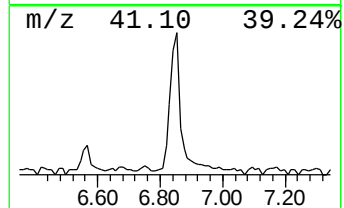
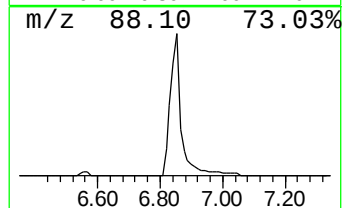
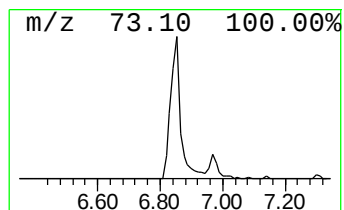
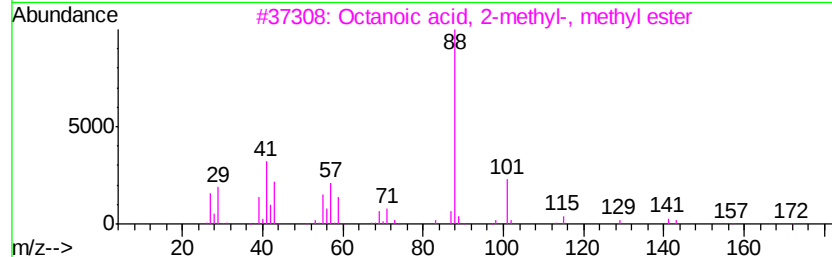
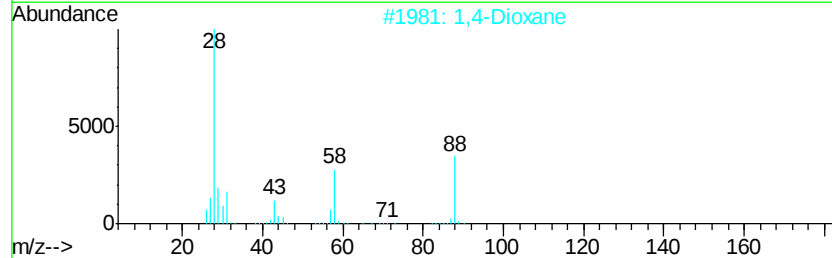
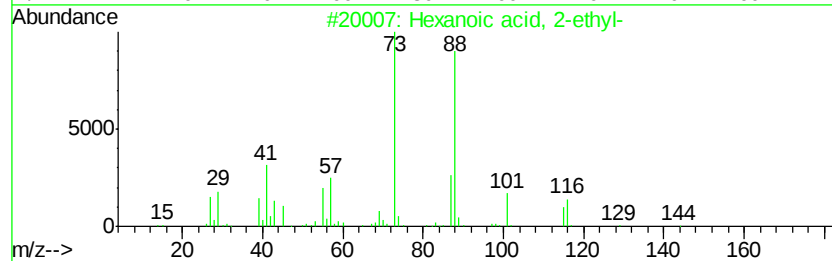
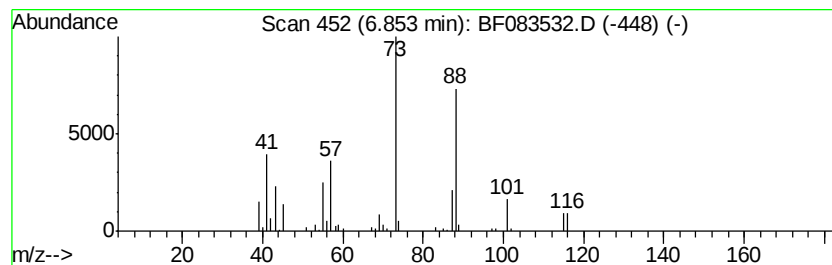
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	2.72 ng	228388	Naphthalene-d8	7.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2			1,4-Dioxane	88	C4H8O2	000123-91-1	35
3			Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	32
4			Hydrazine, 1-butyl-1-ethyl-	116	C6H16N2	052728-56-0	25
5			Cyclohexaneacetic acid, .alpha.-...	170	C10H18O2	006051-00-9	25



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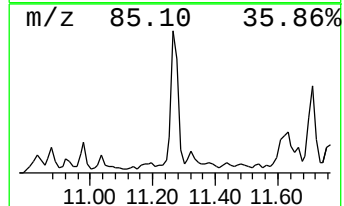
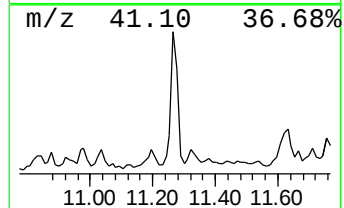
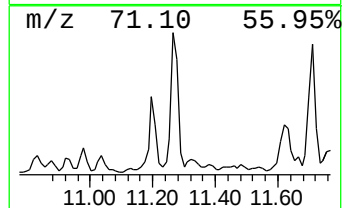
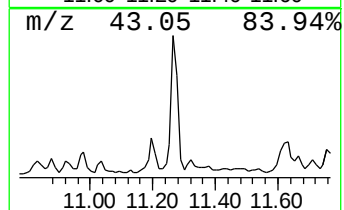
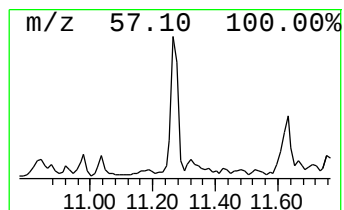
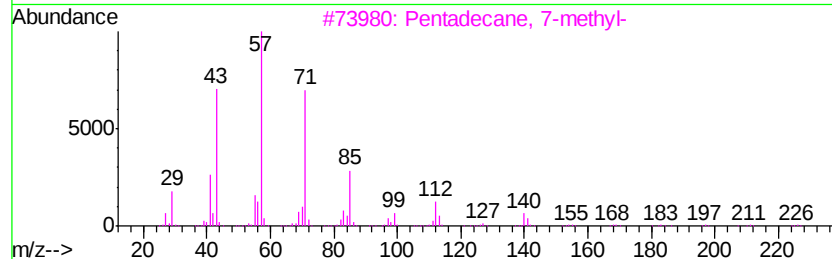
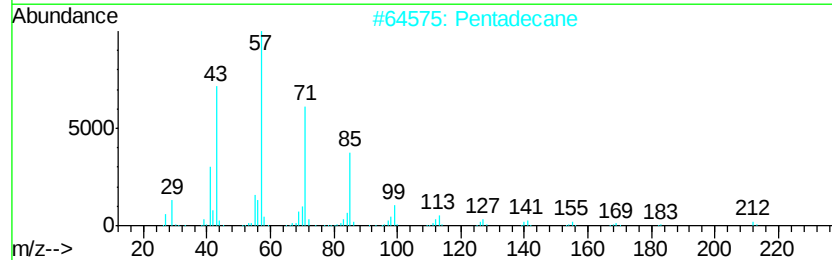
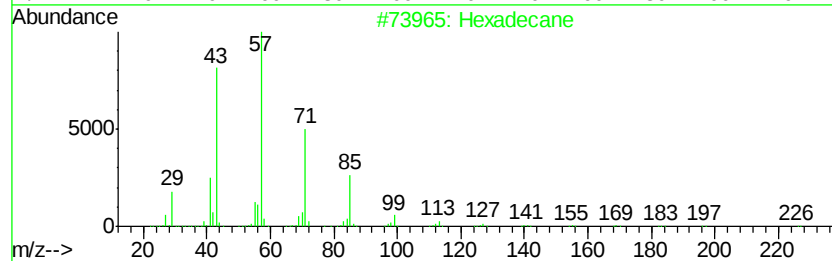
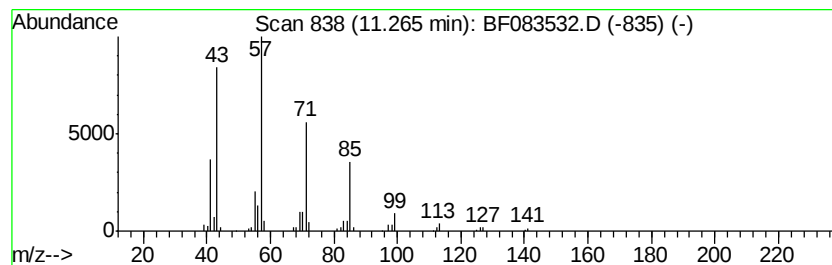
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.40 ng	245263	Acenaphthene-d10	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Pentadecane	212	C15H32	000629-62-9	80
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	78
4		Tetratetracontane	619	C44H90	007098-22-8	72
5		Heptadecane	240	C17H36	000629-78-7	72



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Misc :
ALS Vial : 8 Sample Multiplier: 1

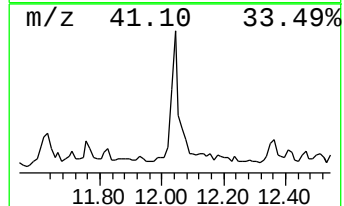
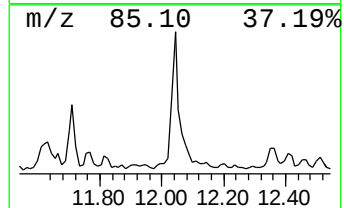
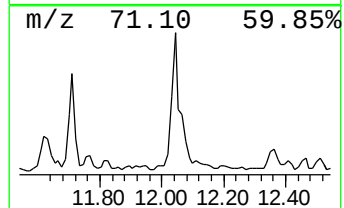
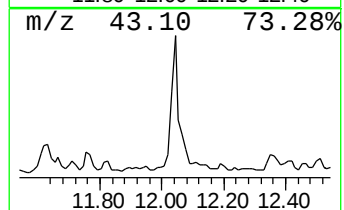
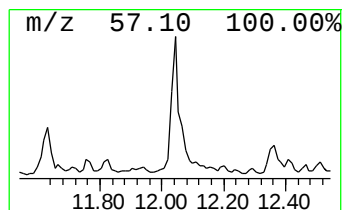
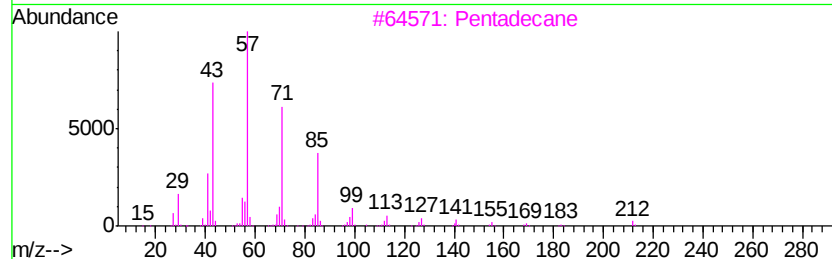
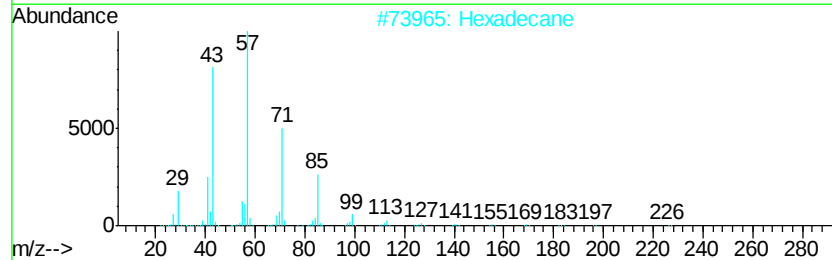
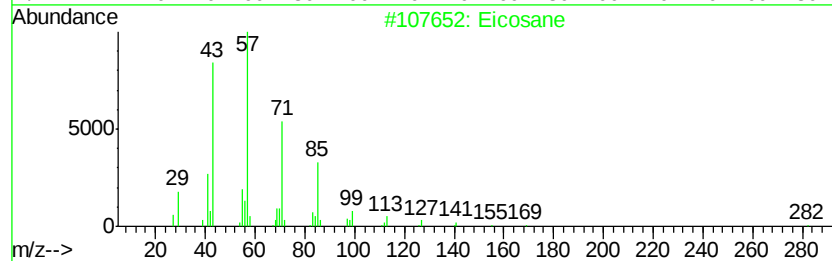
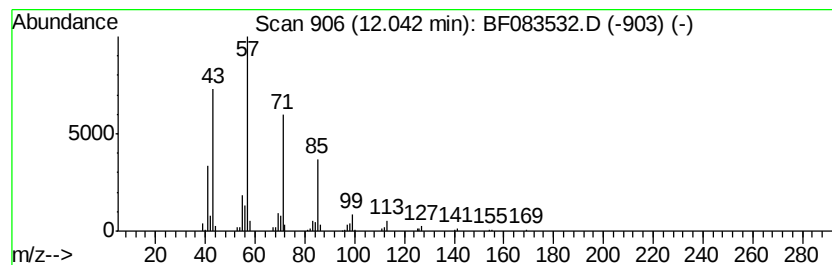
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.04	3.70 ng	333534	Phenanthrene-d10		12.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tridecane	184	C13H28	000629-50-5	72



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ALS Vial : 8 Sample Multiplier: 1

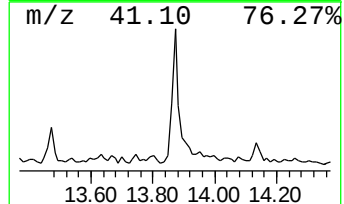
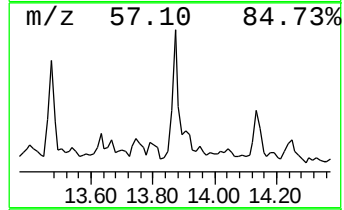
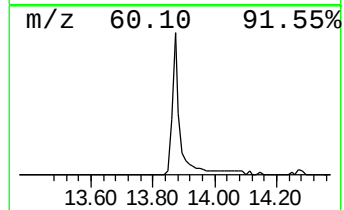
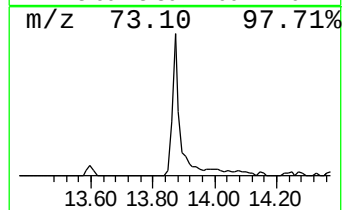
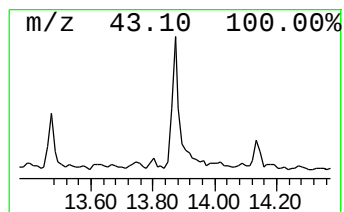
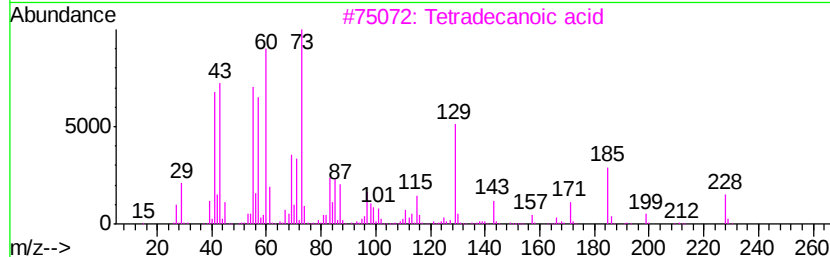
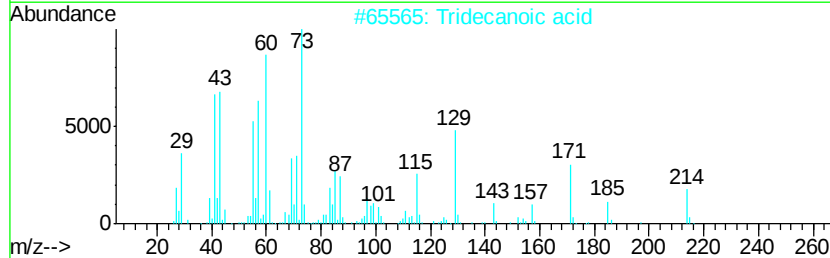
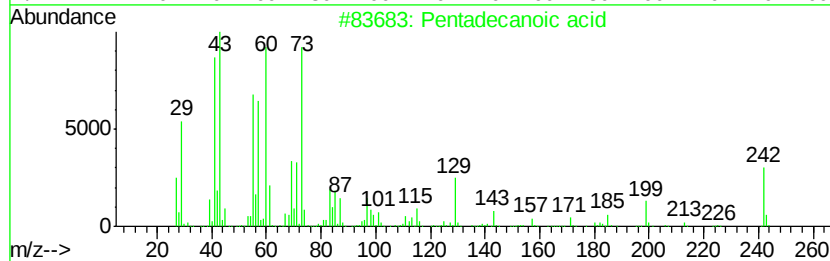
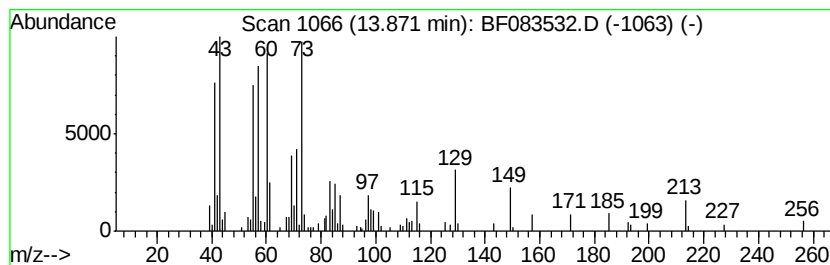
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.87	2.99 ng	270015	Phenanthrene-d10	12.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5		Undecanoic acid	186	C11H22O2	000112-37-8	64



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Instrument :
BNA_F
ClientSampleId :
S27-15.5

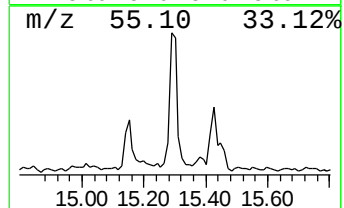
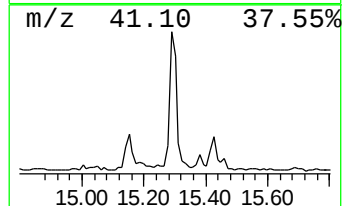
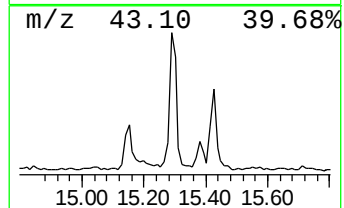
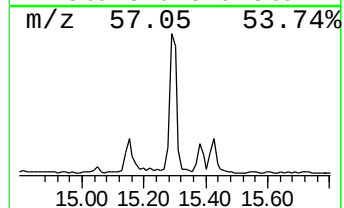
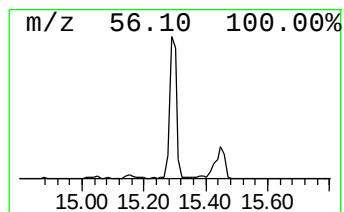
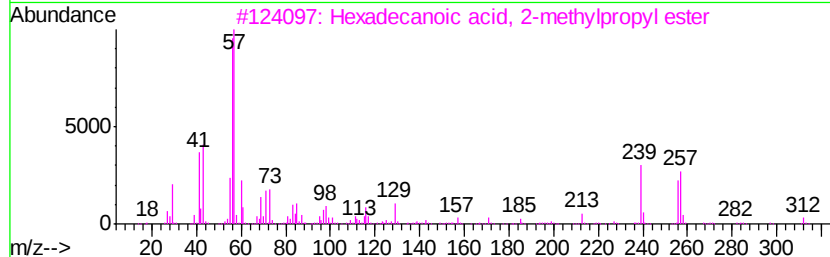
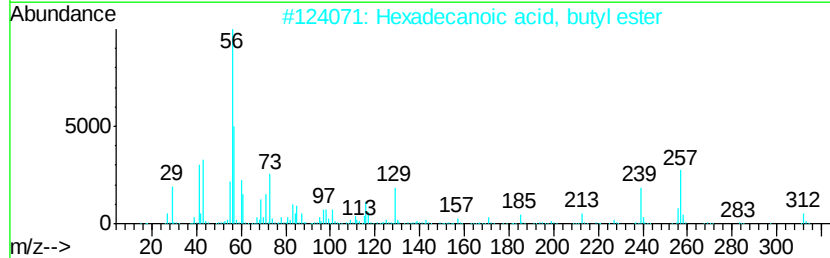
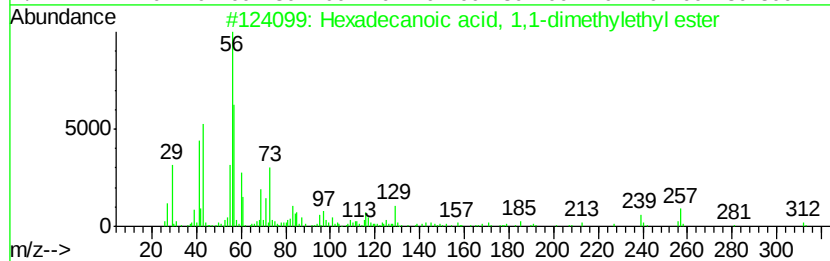
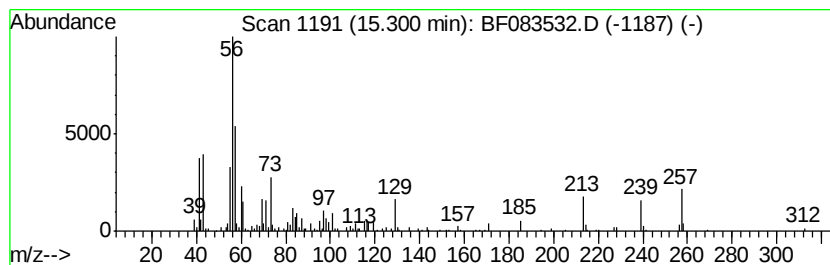
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, 1,1-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	6.00 ng	556062	Chrysene-d12	17.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96	
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91	
3	Hexadecanoic acid, 2-methylpropv...	312	C20H40O2	000110-34-9	38	
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27	
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083532.D
Acq On : 6 Dec 2015 20:24
Operator : UM/IZ
Sample : G4614-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S27-15.5

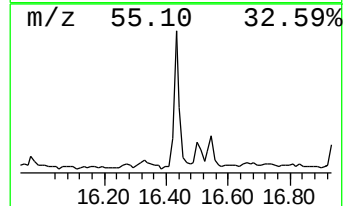
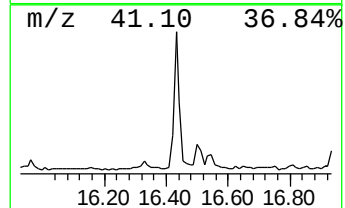
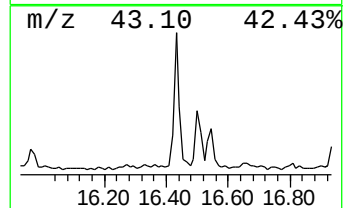
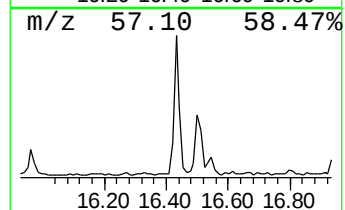
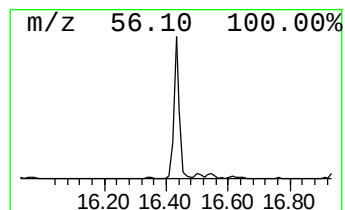
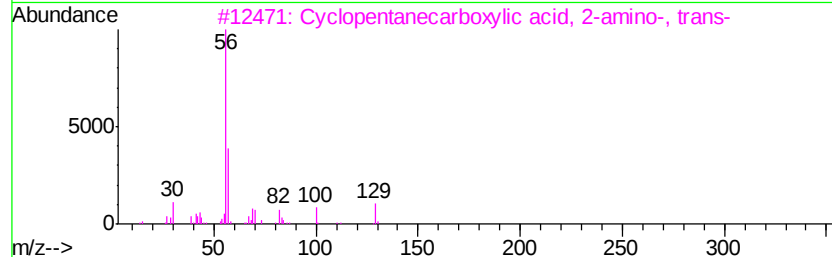
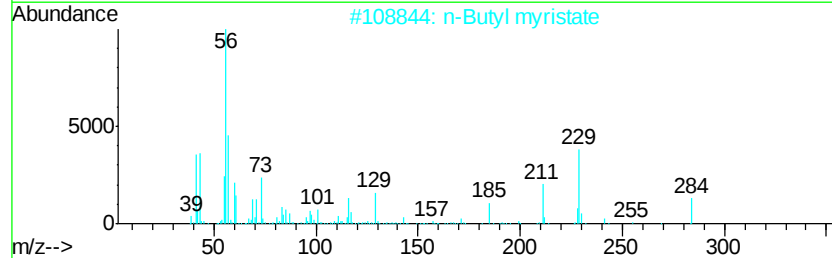
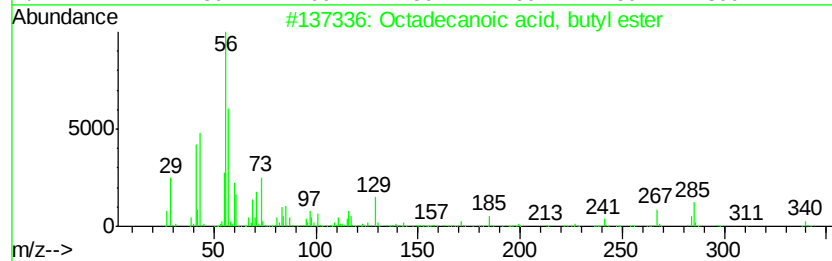
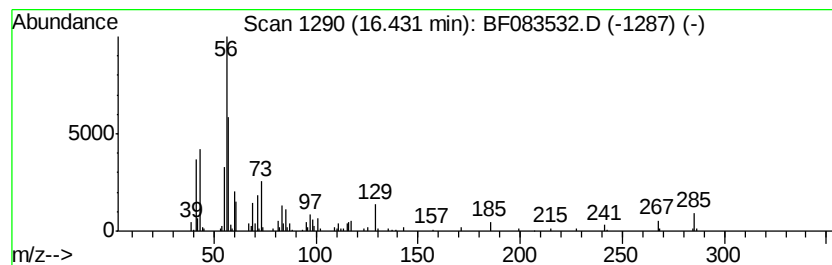
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid, butyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.98 ng	276710	Chrysene-d12	17.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		n-Butyl myristate	284	C18H36O2	000110-36-1	86
3		Cyclopentanecarboxylic acid, 2-amino-, trans-	129	C6H11NO2	040482-05-1	46
4		Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38
5		1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083532.D
Acq On : 6 Dec 2015 20:24
Operator : UM/IZ
Sample : G4614-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S27-15.5

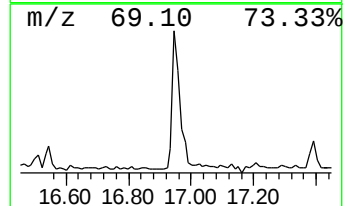
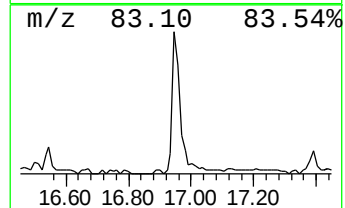
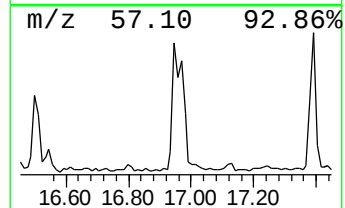
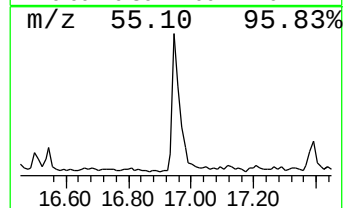
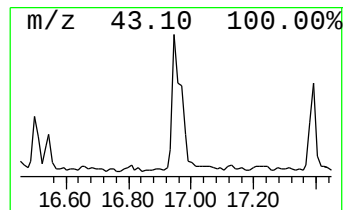
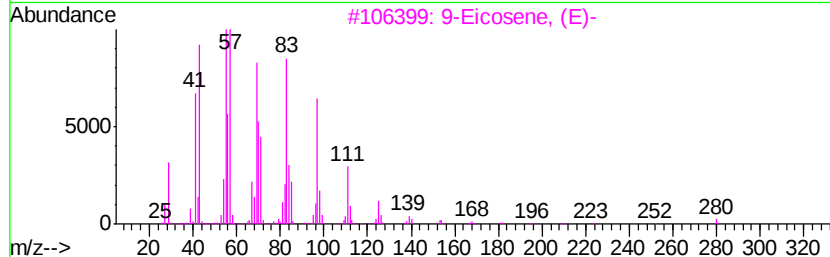
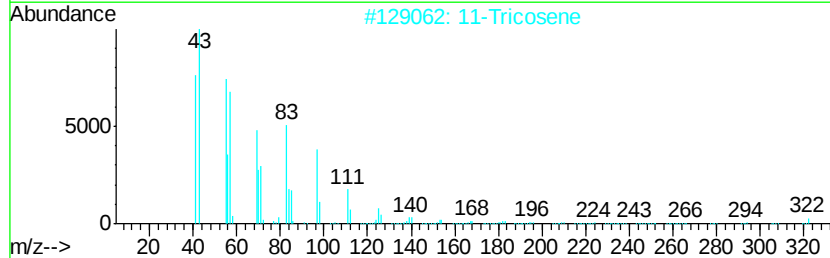
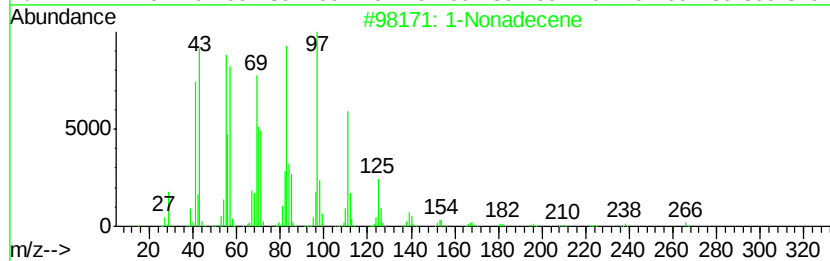
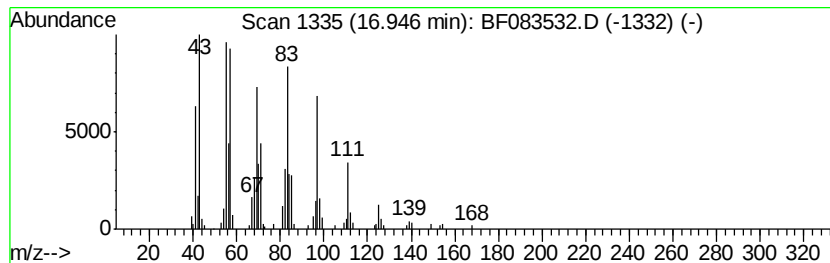
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	3.70 ng	342848	Chrysene-d12	17.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	91
2		11-Tricosene	322	C23H46	052078-56-5	91
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4		1-Heptadecanol	256	C17H36O	001454-85-9	90
5		1-Hexadecanol	242	C16H34O	036653-82-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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Acq On : 6 Dec 2015 20:24
Operator : UM/IZ
Sample : G4614-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S27-15.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.58	27.3	ng	1694470	1	5.73	1241350	20.0
Hexanoic acid, 2-...	6.85	2.7	ng	228388	2	7.63	1676900	20.0
Hexadecane	11.27	2.4	ng	245263	3	10.42	2040220	20.0
Eicosane	12.04	3.7	ng	333534	4	12.82	1805170	20.0
Pentadecanoic acid	13.87	3.0	ng	270015	4	12.82	1805170	20.0
Hexadecanoic acid...	15.30	6.0	ng	556062	5	17.01	1854310	20.0
Octadecanoic acid...	16.43	3.0	ng	276710	5	17.01	1854310	20.0
1-Nonadecene	16.95	3.7	ng	342848	5	17.01	1854310	20.0