

Data Path : V:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083140.D
 Acq On : 22 Nov 2015 6:00
 Operator : UM/IZ
 Sample : G4505-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(8-9)

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-BF112115.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	4.821	245	248	261	rBV	2100306	3755513	53.82%	5.558%
2	5.267	284	287	300	rBV	5905452	6926413	99.27%	10.251%
3	5.896	340	342	345	rVB	65436	83043	1.19%	0.123%
4	6.159	361	365	366	rBV2	57133	89707	1.29%	0.133%
5	6.193	366	368	371	rVB	56427	105065	1.51%	0.155%
6	6.250	371	373	375	rBV	62053	75022	1.08%	0.111%
7	6.319	376	379	382	rVV	5395404	6615599	94.81%	9.791%
8	6.433	386	389	391	rVV	5473348	6844576	98.10%	10.130%
9	6.501	393	395	397	rVB	123104	122887	1.76%	0.182%
10	6.650	406	408	412	rVB	1419100	1356062	19.43%	2.007%
11	6.810	419	422	424	rBV	4896578	4750072	68.08%	7.030%
12	6.947	431	434	435	rBV	80546	76476	1.10%	0.113%
13	7.016	438	440	442	rBV	80420	128915	1.85%	0.191%
14	7.062	442	444	446	rVB	73469	89641	1.28%	0.133%
15	7.222	455	458	461	rBV	3498652	4069199	58.32%	6.022%
16	7.267	461	462	465	rVV	192535	203992	2.92%	0.302%
17	7.382	468	472	474	rBV2	52998	124599	1.79%	0.184%
18	7.644	492	495	496	rBV	60290	75009	1.08%	0.111%
19	7.713	499	501	503	rVV	69827	97155	1.39%	0.144%
20	7.747	503	504	511	rVB	41264	73174	1.05%	0.108%
21	7.942	518	521	523	rBV	1644737	1619933	23.22%	2.398%
22	9.016	612	615	618	rBV	5020946	6306432	90.38%	9.334%
23	9.416	648	650	653	rBV	890098	976146	13.99%	1.445%
24	9.633	667	669	671	rBV	132659	142853	2.05%	0.211%
25	9.690	671	674	676	rBV	1458801	1782409	25.55%	2.638%
26	10.136	710	713	715	rBV	319087	291435	4.18%	0.431%
27	10.353	729	732	735	rBV	87949	145446	2.08%	0.215%
28	10.479	740	743	745	rBV	3990165	4954954	71.01%	7.333%
29	10.605	752	754	761	rVB	311952	364913	5.23%	0.540%
30	11.050	792	793	795	rBV	129925	105111	1.51%	0.156%
31	11.165	800	803	805	rBV	1835607	1878143	26.92%	2.780%
32	11.222	805	808	813	rVB2	52274	116703	1.67%	0.173%
33	11.713	849	851	857	rBV	571201	591535	8.48%	0.875%
34	12.491	917	919	926	rBV	239238	400075	5.73%	0.592%

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SB-10(8-9)

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35	12.594	926	928	931	rVB2	59324	89641	1.28%	0.133%
36	12.754	939	942	944	rBV	6213044	6977454	100.00%	10.327%
37	13.245	982	985	990	rBV	346899	825571	11.83%	1.222%
38	13.668	1019	1022	1027	rBV	306132	523220	7.50%	0.774%
39	13.782	1030	1032	1035	rBV	1683926	1792643	25.69%	2.653%
40	13.919	1042	1044	1048	rBV2	58654	85315	1.22%	0.126%
41	14.297	1073	1077	1081	rBV6	27907	85099	1.22%	0.126%
42	14.548	1097	1099	1103	rBV2	105661	177207	2.54%	0.262%
43	15.154	1149	1152	1155	rBV	1168020	1501090	21.51%	2.222%
44	15.634	1191	1194	1198	rBV5	35403	92991	1.33%	0.138%
45	16.000	1224	1226	1234	rVB5	38084	78965	1.13%	0.117%

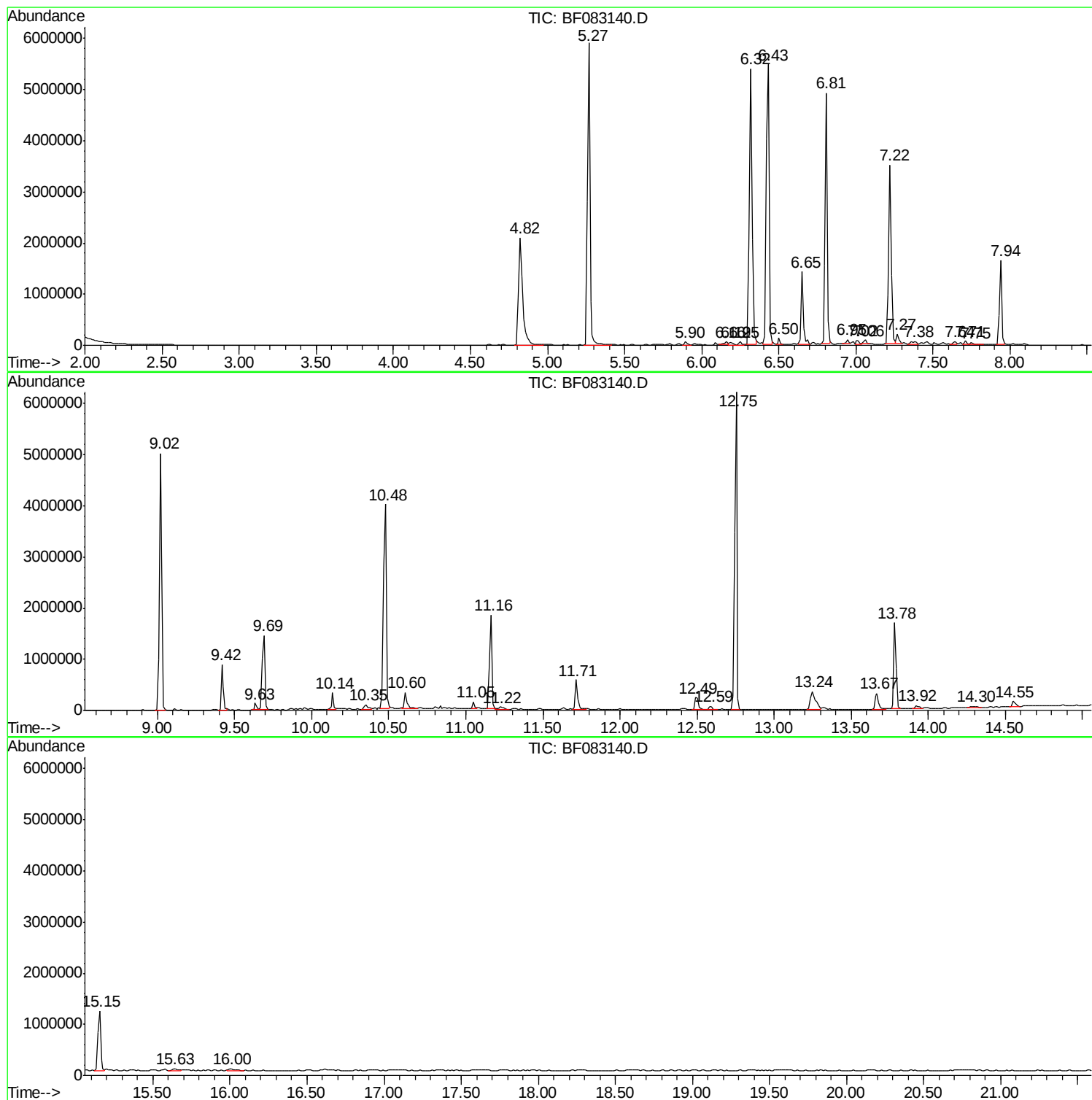
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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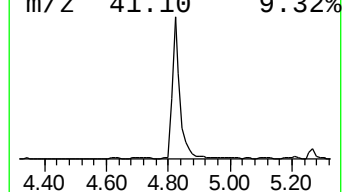
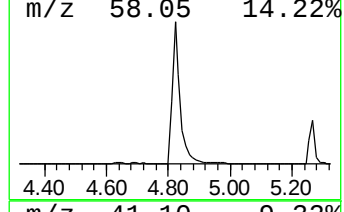
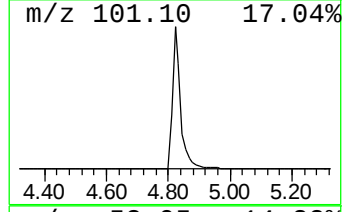
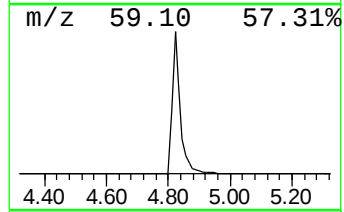
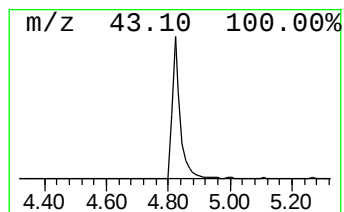
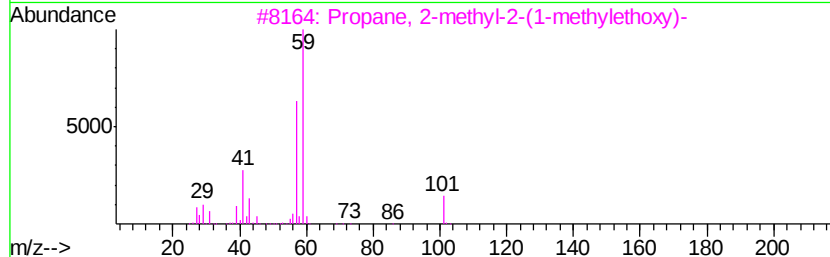
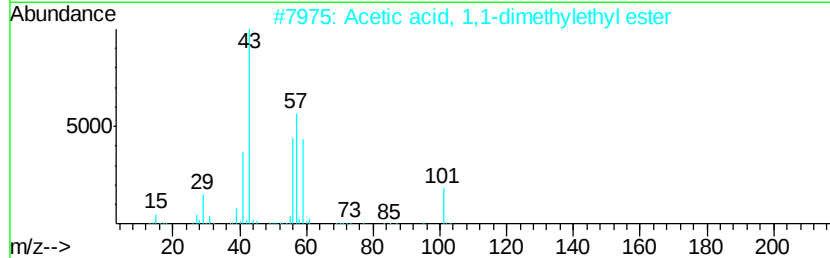
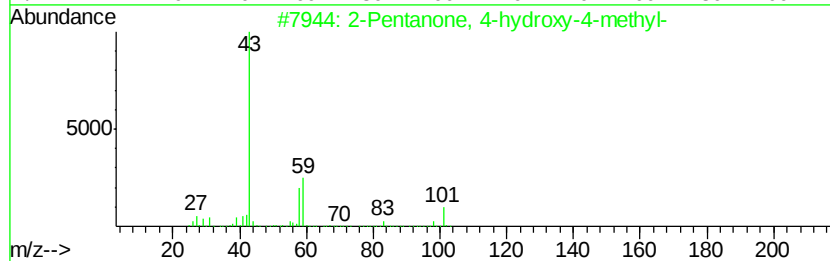
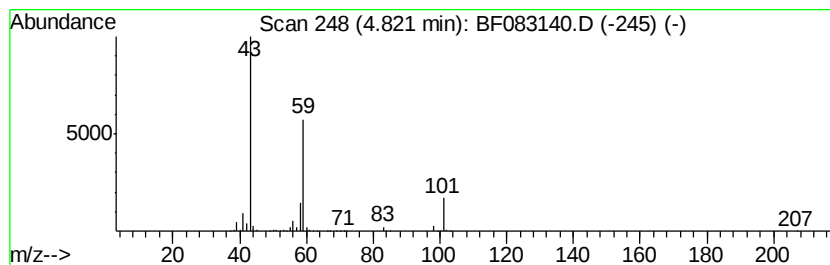
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.82	55.39 ng	3755510	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
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		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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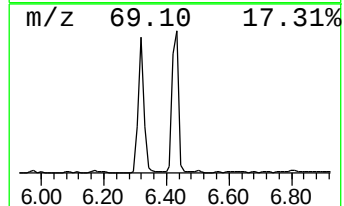
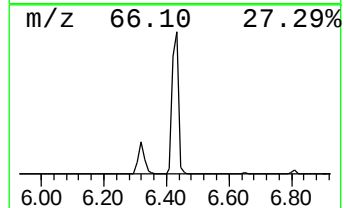
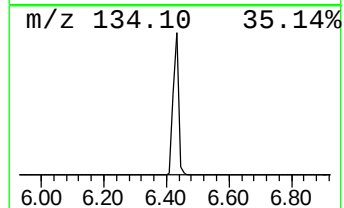
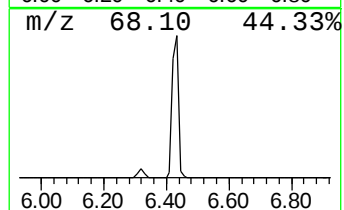
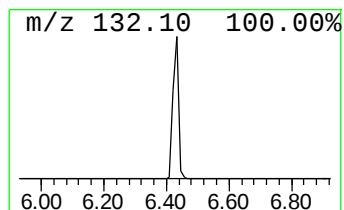
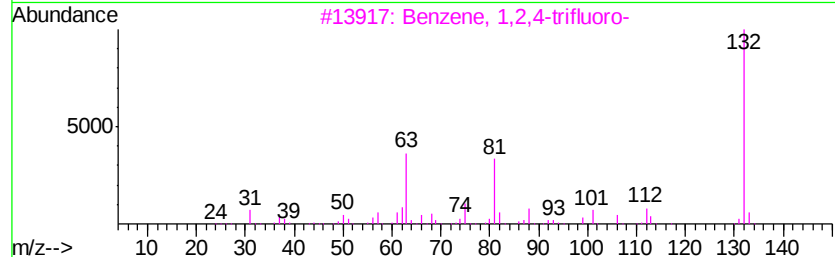
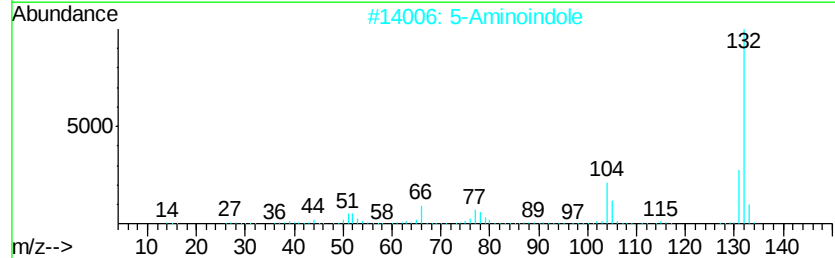
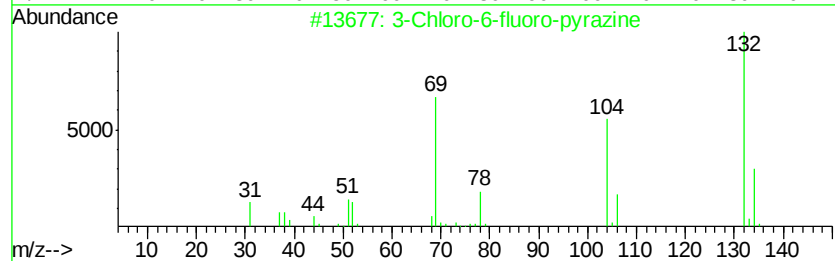
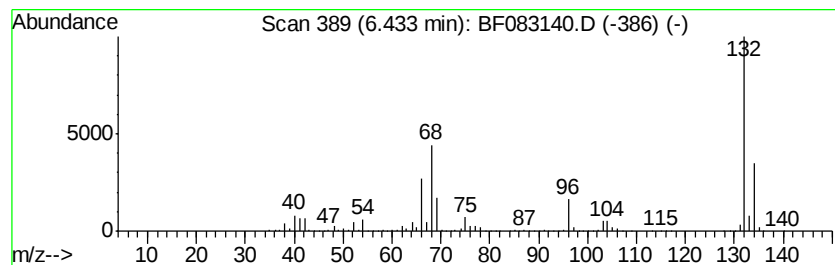
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Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	100.95 ng	6844580	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	9
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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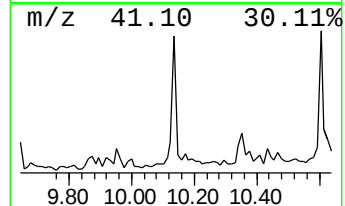
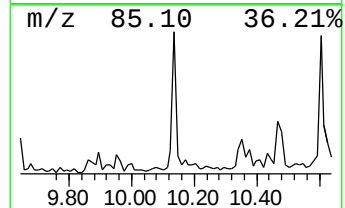
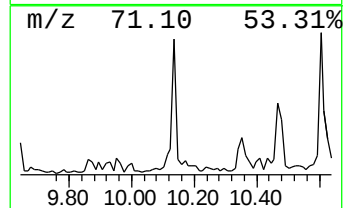
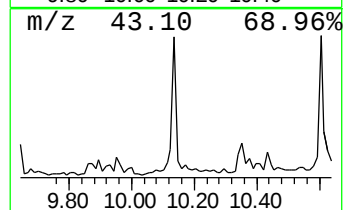
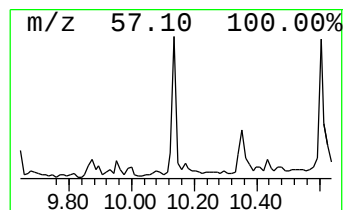
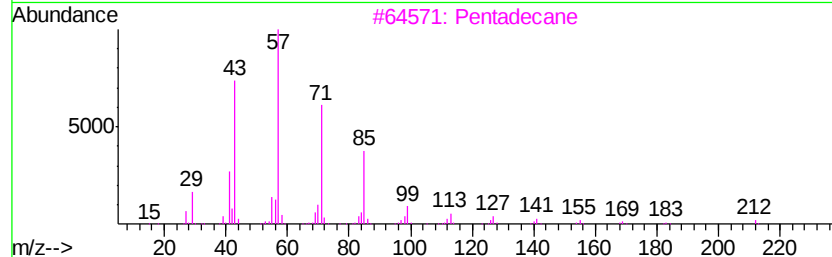
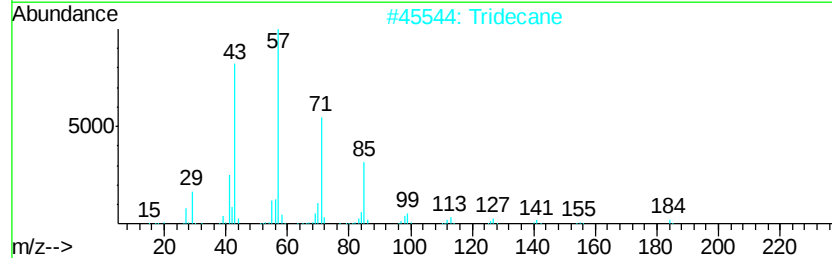
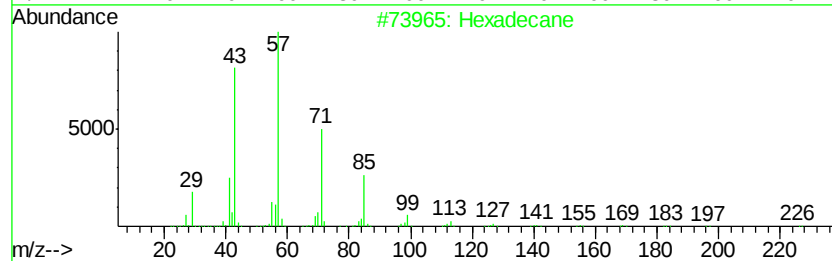
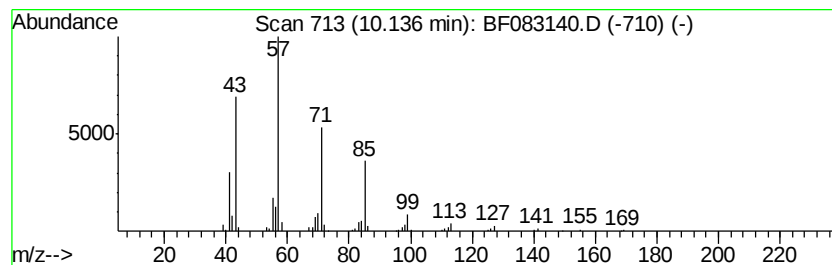
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	3.27 ng	291435	Acenaphthene-d10	9.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tridecane		184	C13H28	000629-50-5	90
3	Pentadecane		212	C15H32	000629-62-9	90
4	Tetradecane		198	C14H30	000629-59-4	90
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	78



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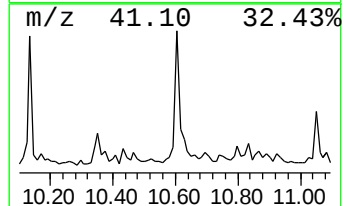
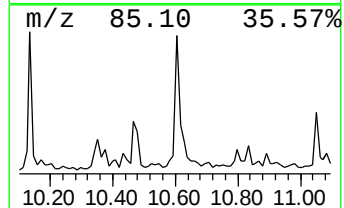
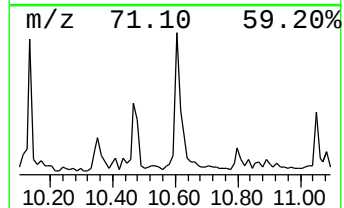
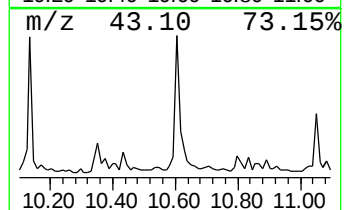
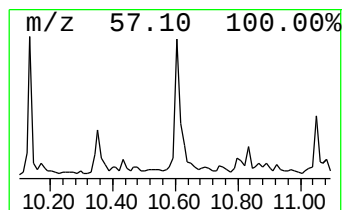
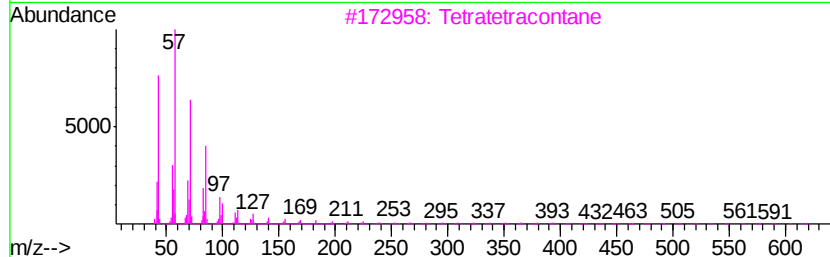
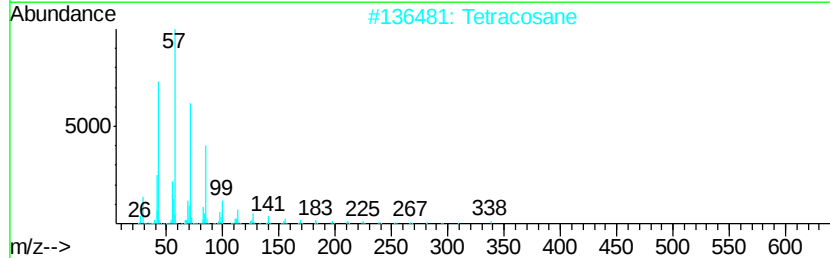
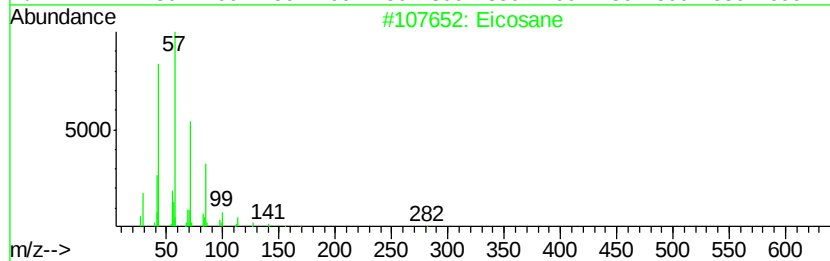
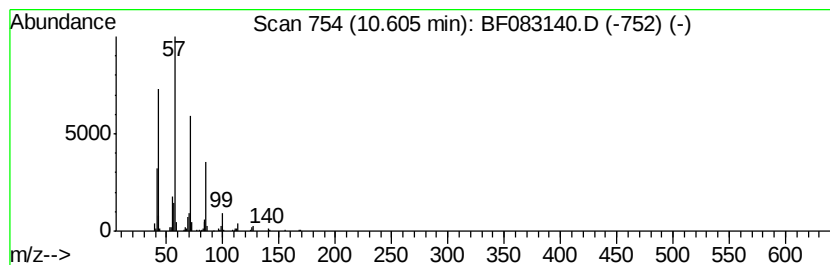
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Peak Number 5 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.60	3.89 ng	364913	Phenanthrene-d10		11.16		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Tetracosane	338	C24H50	000646-31-1	90
3			Tetratetracontane	619	C44H90	007098-22-8	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Heptadecane	240	C17H36	000629-78-7	72



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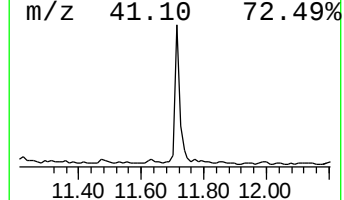
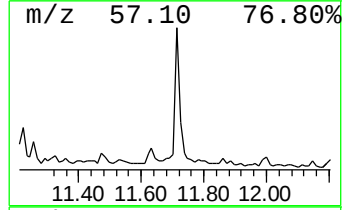
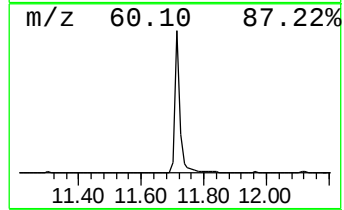
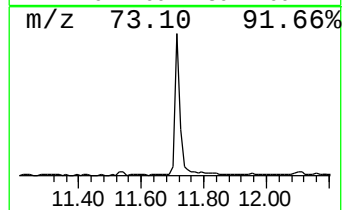
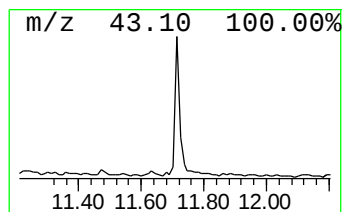
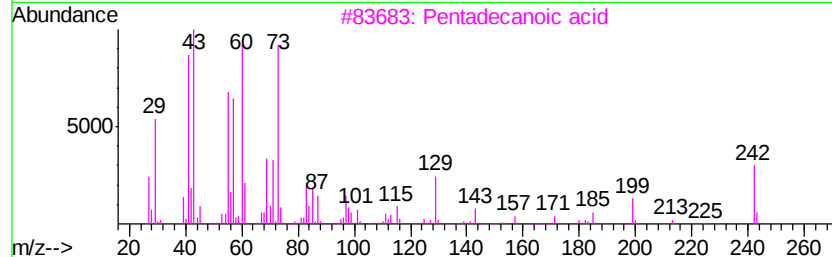
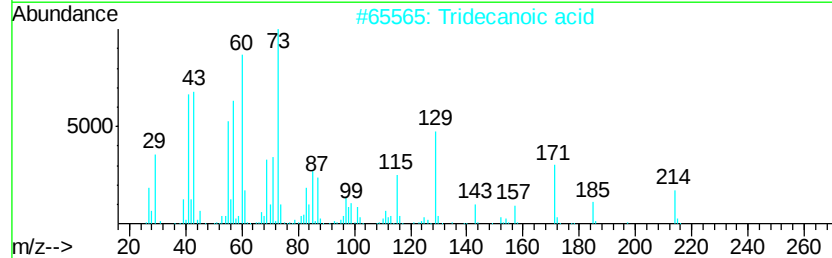
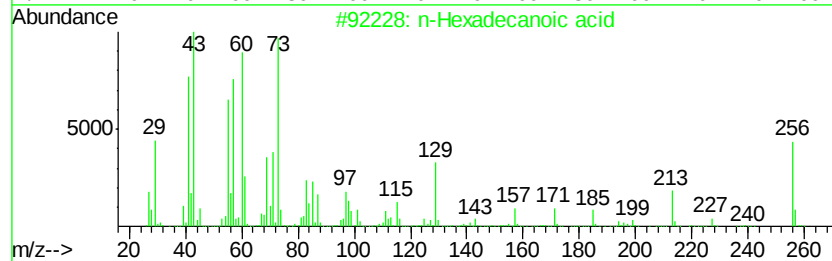
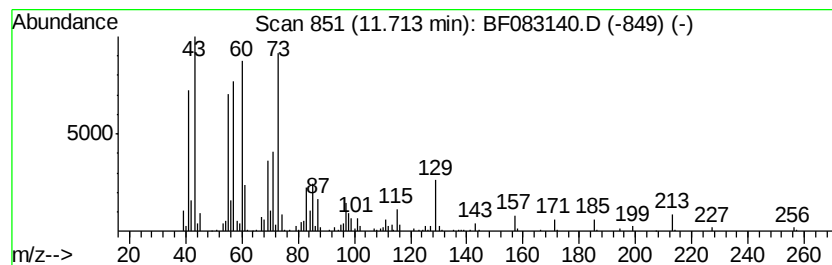
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	6.30 ng	591535	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Amyl Nitrite	117	C5H11NO2	000110-46-3	38



Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083140.D
Acq On : 22 Nov 2015 6:00
Operator : UM/IZ
Sample : G4505-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

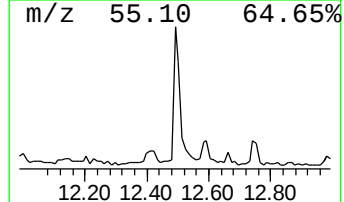
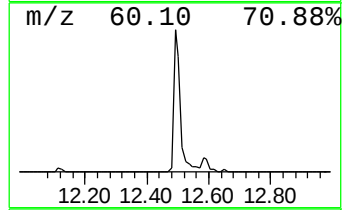
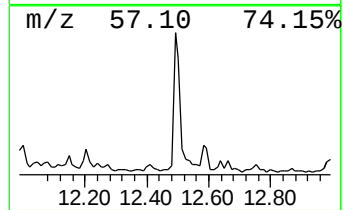
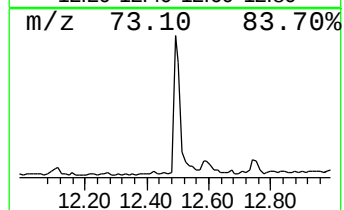
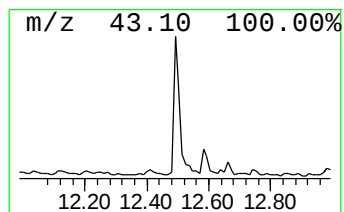
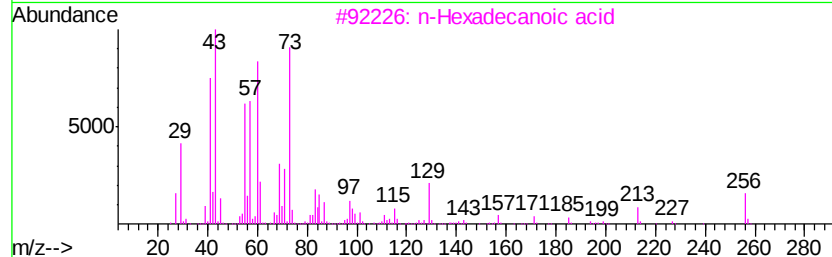
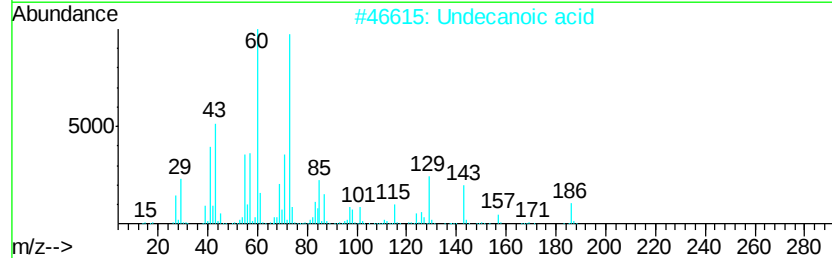
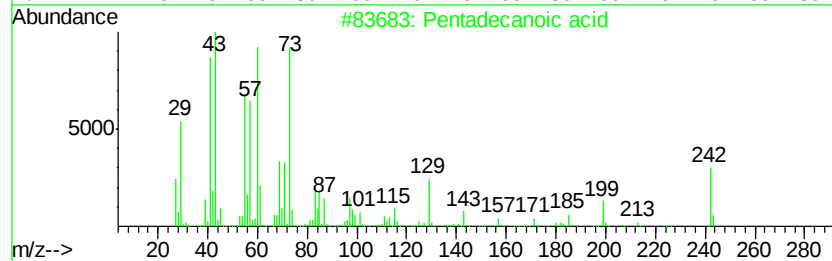
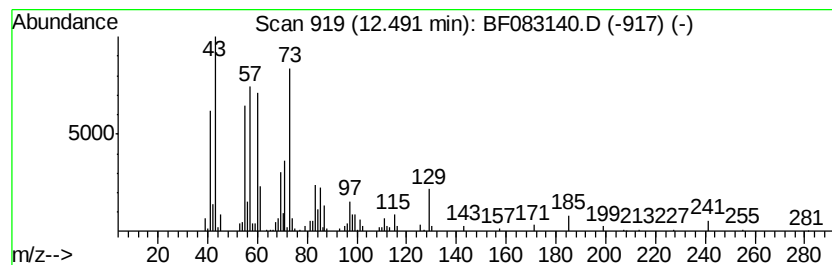
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ClientSampleId :
SB-10(8-9)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
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 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.49	4.46 ng	400075	Chrysene-d12	13.78		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
2		Undecanoic acid	186	C11H22O2	000112-37-8	64
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5		.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	47



Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083140.D
Acq On : 22 Nov 2015 6:00
Operator : UM/IZ
Sample : G4505-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10(8-9)

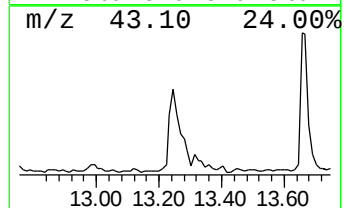
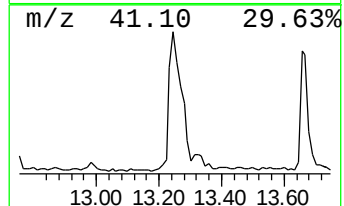
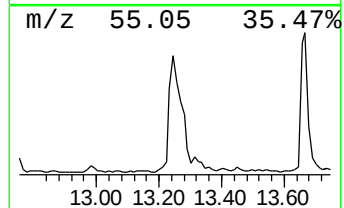
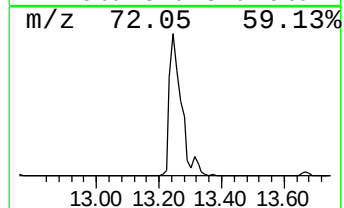
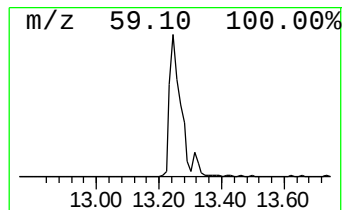
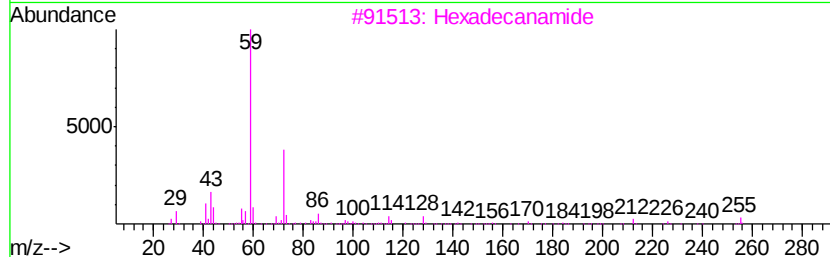
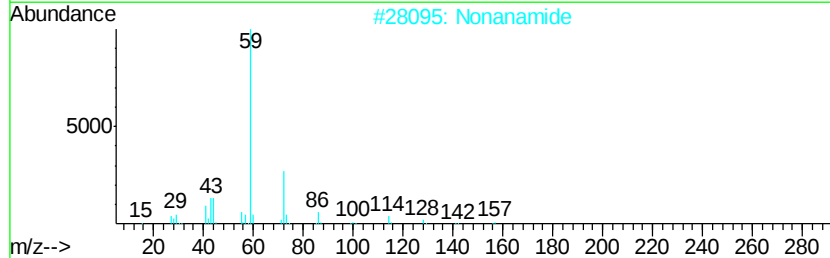
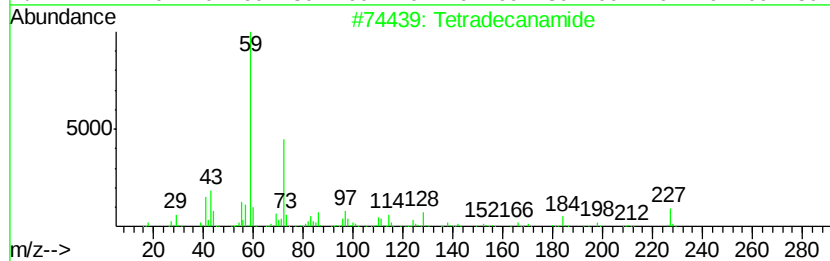
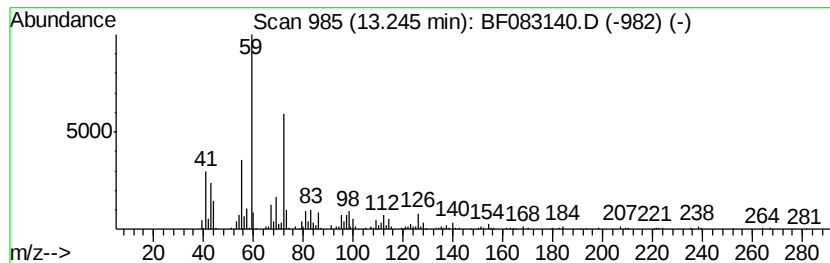
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecanamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	9.21 ng	825571	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanamide	227	C14H29NO	000638-58-4	56
2		Nonanamide	157	C9H19NO	001120-07-6	53
3		Hexadecanamide	255	C16H33NO	000629-54-9	53
4		Decanamide-	171	C10H21NO	002319-29-1	45
5		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	45



Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083140.D
Acq On : 22 Nov 2015 6:00
Operator : UM/IZ
Sample : G4505-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10(8-9)

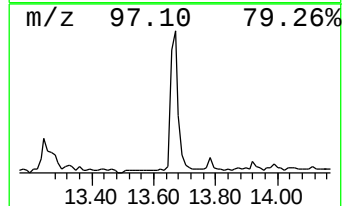
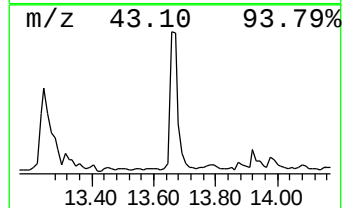
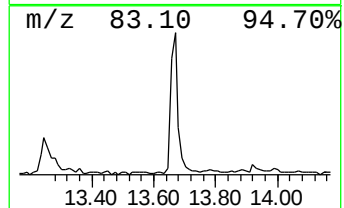
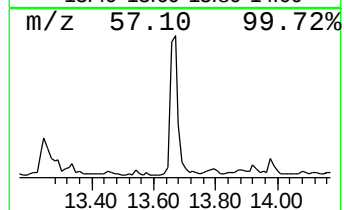
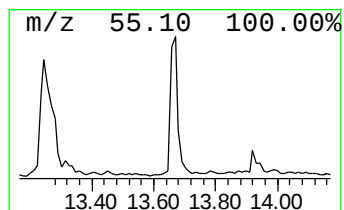
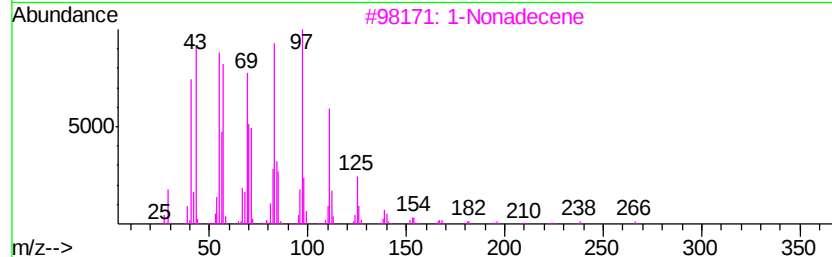
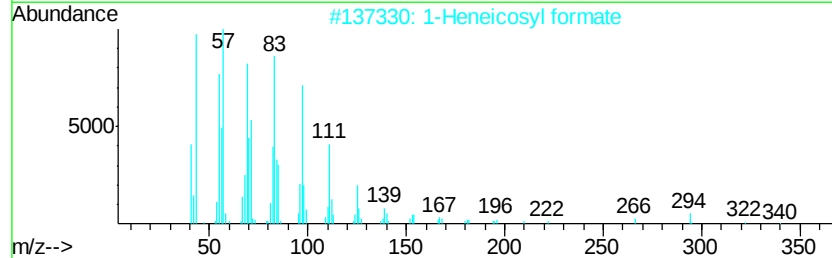
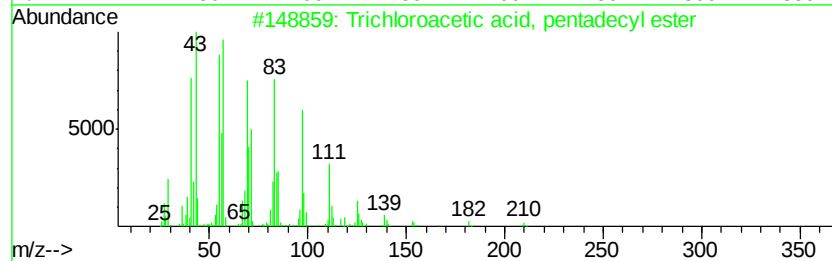
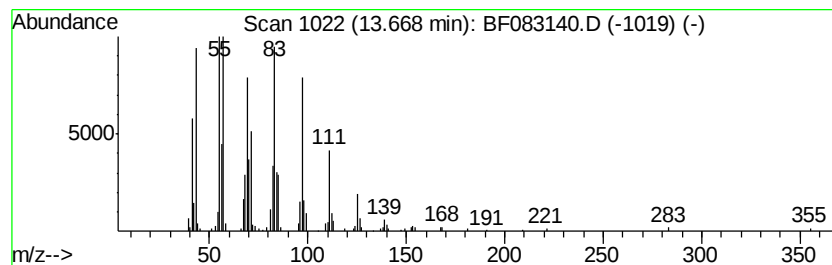
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trichloroacetic acid, penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.84 ng	523220	Chrysene-d12	13.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
3		1-Nonadecene	266	C19H38	018435-45-5	83
4		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	83
5		Cyclotetracosane	336	C24H48	000297-03-0	76



Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083140.D
Acq On : 22 Nov 2015 6:00
Operator : UM/IZ
Sample : G4505-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10(8-9)

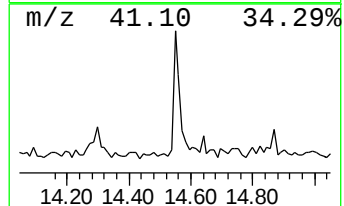
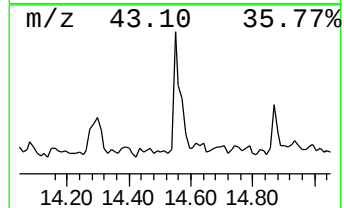
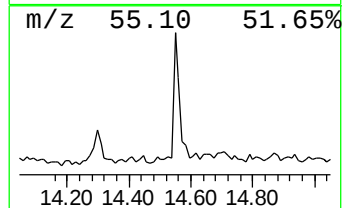
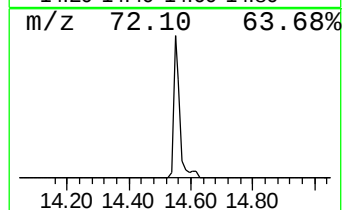
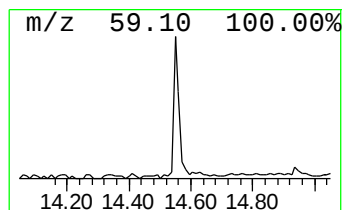
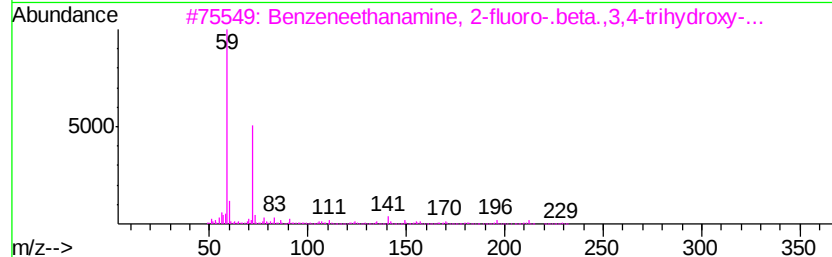
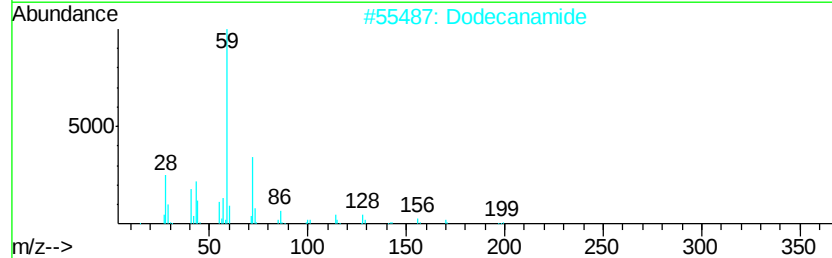
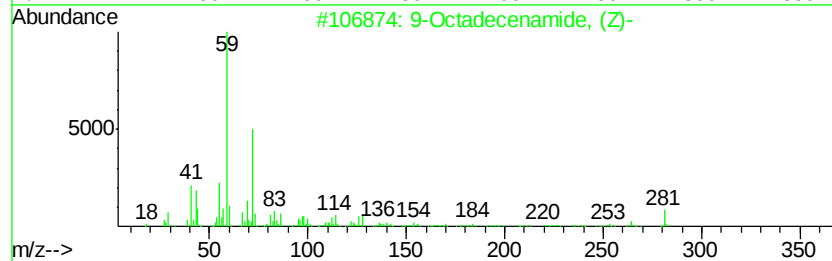
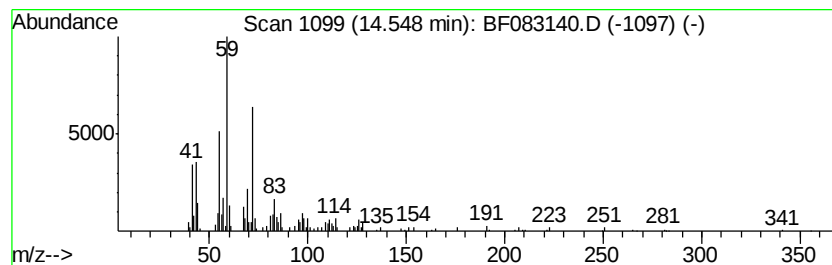
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9-Octadecenamide, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.36 ng	177207	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2		Dodecanamide	199	C12H25NO	001120-16-7	59
3		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	59
4		Octadecanamide	283	C18H37NO	000124-26-5	59
5		Hexadecanamide	255	C16H33NO	000629-54-9	59



Data Path : V:\HPCHEM1\BNA_F\DATA\BF112115\
Data File : BF083140.D
Acq On : 22 Nov 2015 6:00
Operator : UM/IZ
Sample : G4505-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10(8-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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...	4.82	55.4	ng	3755510	1	6.65	1356060	20.0
unknown6.43	6.43	101.0	ng	6844580	1	6.65	1356060	20.0
Hexadecane	10.14	3.3	ng	291435	3	9.69	1782410	20.0
Eicosane	10.60	3.9	ng	364913	4	11.16	1878140	20.0
n-Hexadecanoic acid	11.71	6.3	ng	591535	4	11.16	1878140	20.0
Pentadecanoic acid	12.49	4.5	ng	400075	5	13.78	1792640	20.0
Tetradecanamide	13.25	9.2	ng	825571	5	13.78	1792640	20.0
Trichloroacetic a...	13.67	5.8	ng	523220	5	13.78	1792640	20.0
9-Octadecenamide,...	14.55	2.4	ng	177207	6	15.15	1501090	20.0