

Data Path : V:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083144.D
 Acq On : 22 Nov 2015 7:57
 Operator : UM/IZ
 Sample : G4505-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-XX

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	262	rBV	2108633	3534474	55.26%	5.717%
2	5.267	284	287	289	rBV	4686606	6214655	97.16%	10.052%
3	6.159	361	365	366	rBV2	42633	70503	1.10%	0.114%
4	6.182	366	367	371	rVB2	41867	72377	1.13%	0.117%
5	6.319	376	379	381	rBV	5783711	6381292	99.77%	10.322%
6	6.422	386	388	391	rVV	4764425	5981048	93.51%	9.674%
7	6.502	393	395	397	rVB	89205	92840	1.45%	0.150%
8	6.650	406	408	412	rVB	1383070	1277375	19.97%	2.066%
9	6.810	419	422	424	rBV	4343329	4443206	69.47%	7.187%
10	7.004	438	439	442	rBV	62762	98872	1.55%	0.160%
11	7.222	455	458	461	rBV	3817593	3961022	61.93%	6.407%
12	7.267	461	462	465	rVV	157377	156868	2.45%	0.254%
13	7.359	468	470	474	rBV2	39348	96394	1.51%	0.156%
14	7.713	499	501	503	rVV	54183	81732	1.28%	0.132%
15	7.942	518	521	523	rBV	1319601	1549802	24.23%	2.507%
16	9.016	612	615	618	rBV	5148417	5664559	88.56%	9.163%
17	9.416	648	650	653	rBV	930565	970277	15.17%	1.569%
18	9.633	667	669	671	rBV	95189	104259	1.63%	0.169%
19	9.690	671	674	676	rBV	1230661	1712017	26.77%	2.769%
20	10.136	709	713	715	rBV	236415	236121	3.69%	0.382%
21	10.353	729	732	735	rBV	77318	131018	2.05%	0.212%
22	10.479	740	743	745	rBV	3012795	4397854	68.76%	7.114%
23	10.605	750	754	761	rVV	259190	355052	5.55%	0.574%
24	11.051	791	793	795	rBV	109456	82893	1.30%	0.134%
25	11.165	800	803	805	rBV	1468949	1750168	27.36%	2.831%
26	11.222	805	808	813	rVB2	43275	100737	1.57%	0.163%
27	11.713	849	851	856	rBV	555929	555014	8.68%	0.898%
28	12.411	906	912	917	rBV5	25209	70365	1.10%	0.114%
29	12.491	917	919	926	rVV2	269319	350262	5.48%	0.567%
30	12.582	926	927	931	rVB	80759	94759	1.48%	0.153%
31	12.754	939	942	944	rBV	4856859	6396020	100.00%	10.346%
32	13.234	982	984	990	rBV	288129	768315	12.01%	1.243%
33	13.668	1019	1022	1030	rBV	253496	493118	7.71%	0.798%
34	13.782	1030	1032	1035	rBV	1895465	1764594	27.59%	2.854%

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35	13.919	1042	1044	1047	rBV	51644	67529	1.06%	0.109%
36	14.297	1073	1077	1082	rBV6	19754	81162	1.27%	0.131%
37	14.548	1097	1099	1103	rBV2	115591	165920	2.59%	0.268%
38	15.142	1149	1151	1154	rBV	933346	1426133	22.30%	2.307%
39	15.634	1192	1194	1200	rVB5	29970	72617	1.14%	0.117%

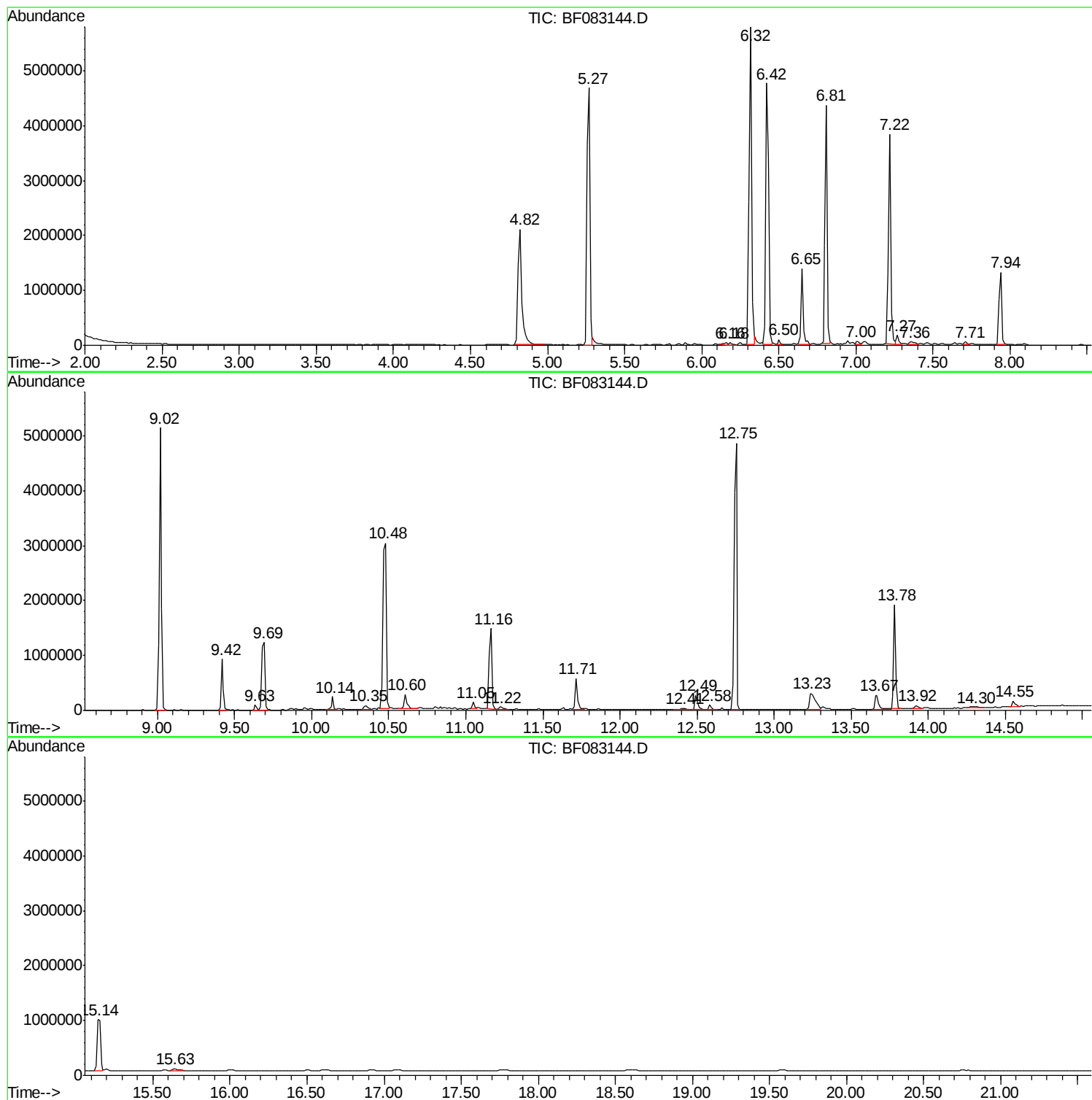
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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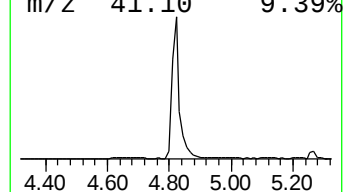
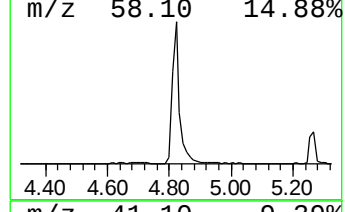
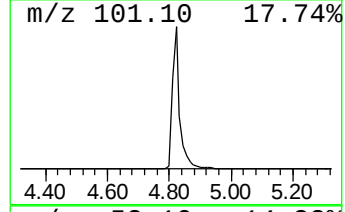
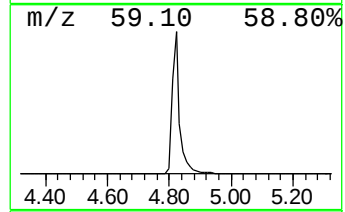
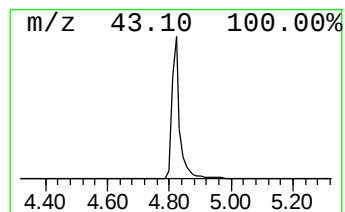
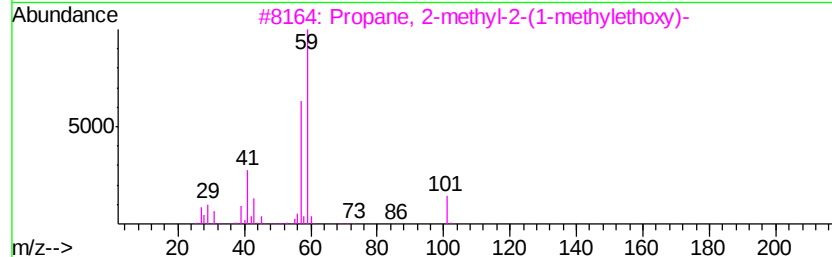
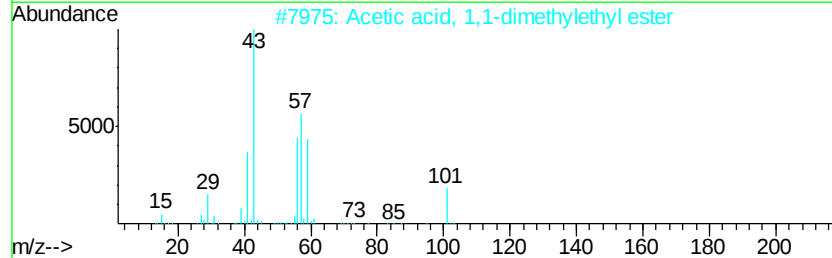
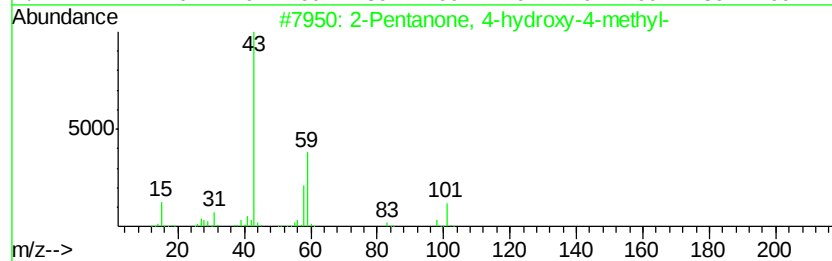
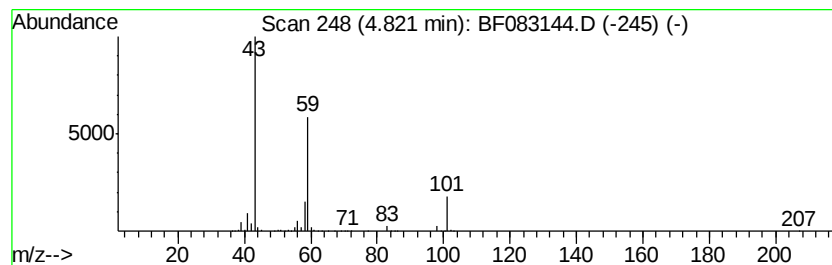
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.82	55.34 ng	3534470	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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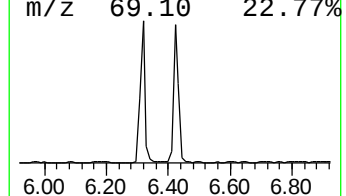
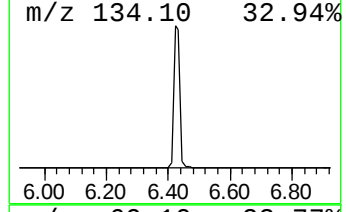
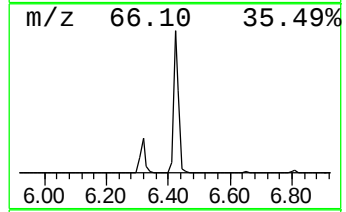
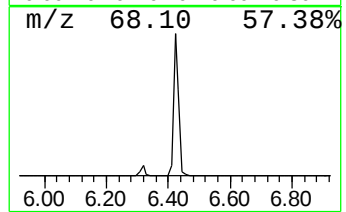
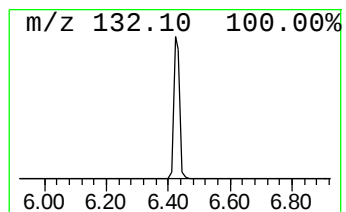
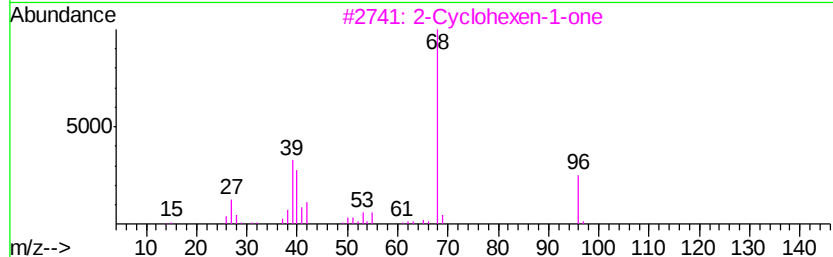
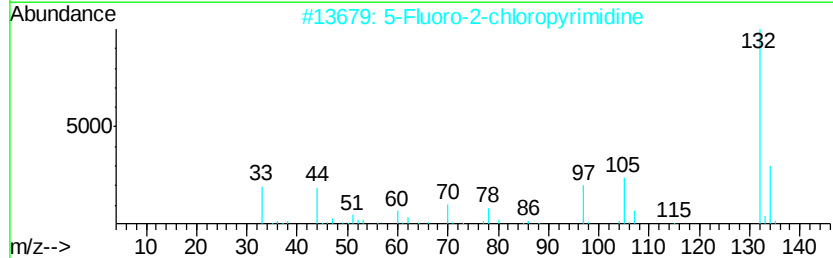
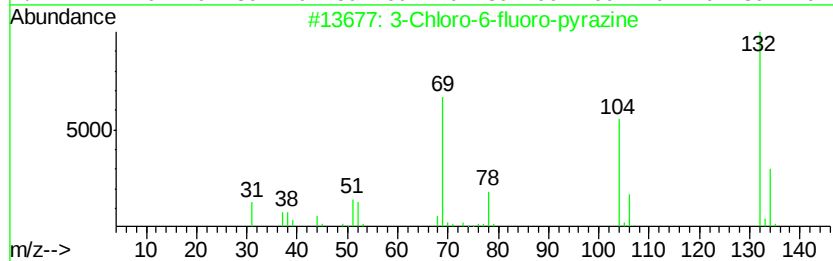
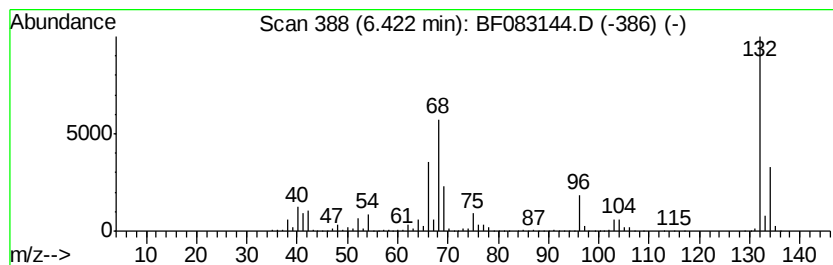
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	93.65 ng	5981050	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-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



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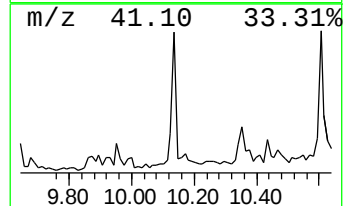
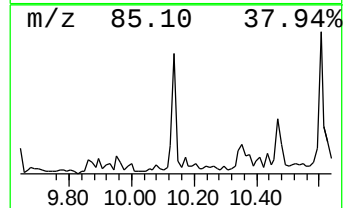
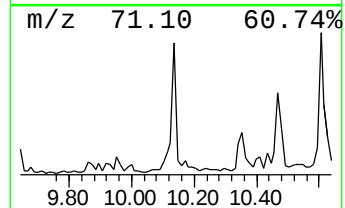
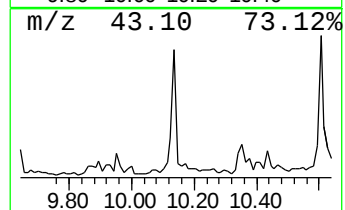
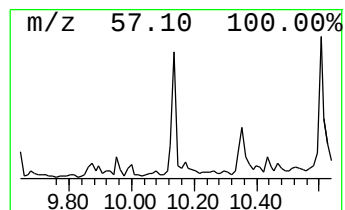
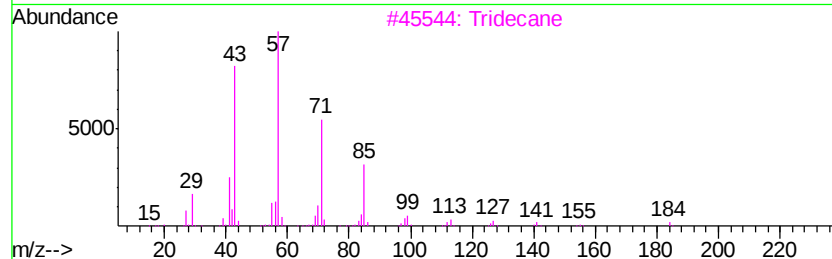
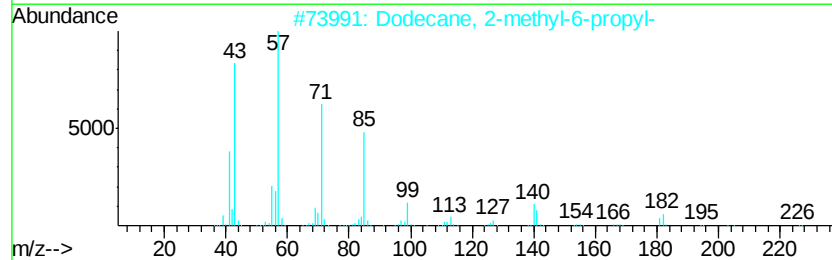
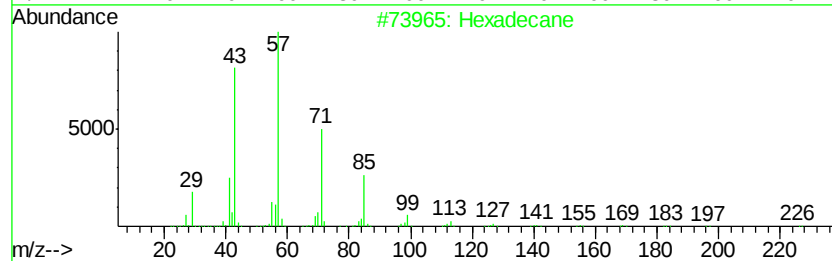
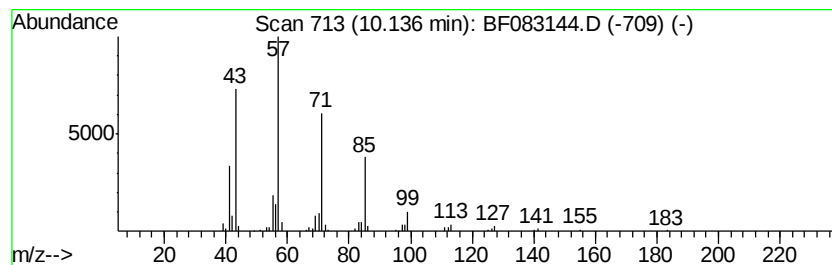
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	2.76 ng	236121	Acenaphthene-d10	9.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
3	Tridecane		184	C13H28	000629-50-5	83
4	Heptadecane		240	C17H36	000629-78-7	72
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	72



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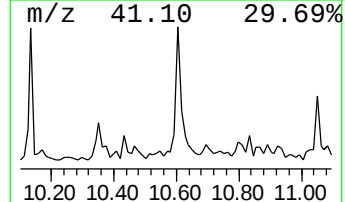
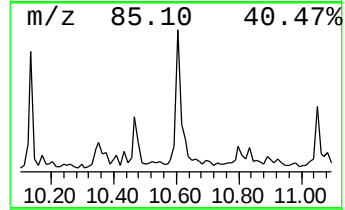
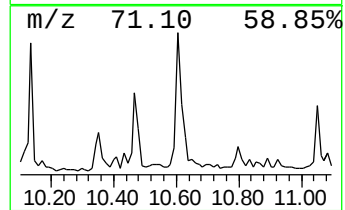
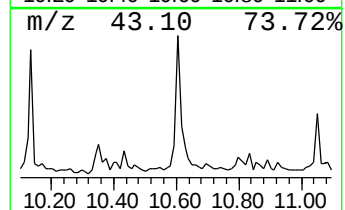
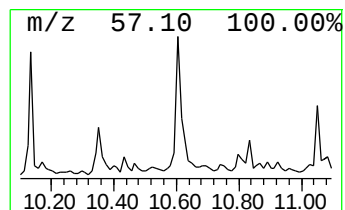
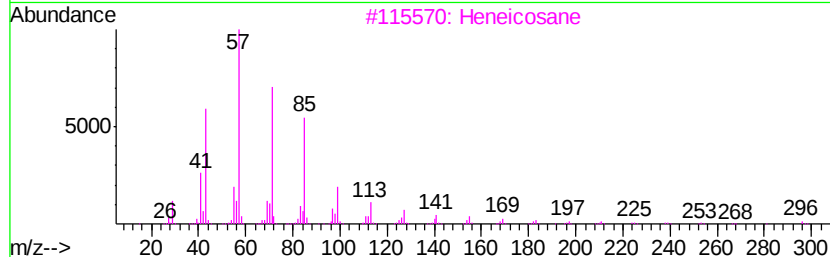
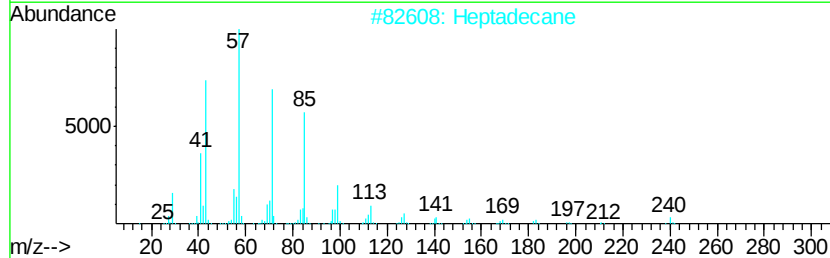
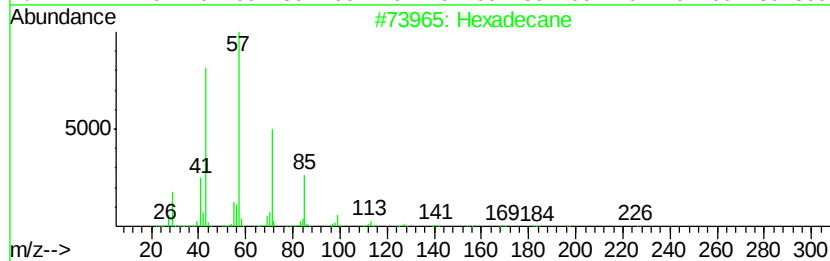
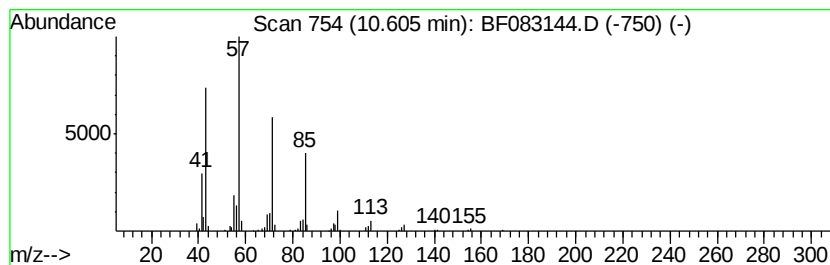
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Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.60	4.06 ng	355052	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Eicosane	282	C20H42	000112-95-8	83



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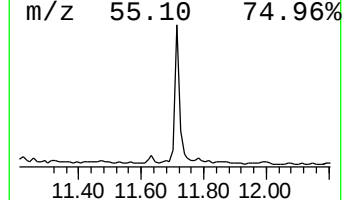
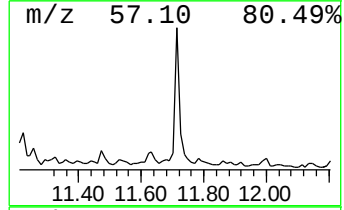
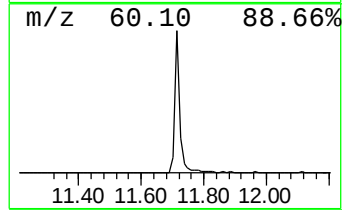
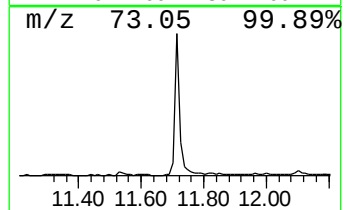
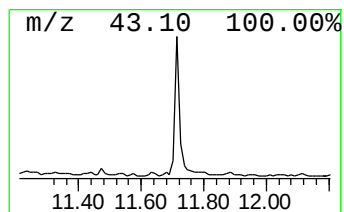
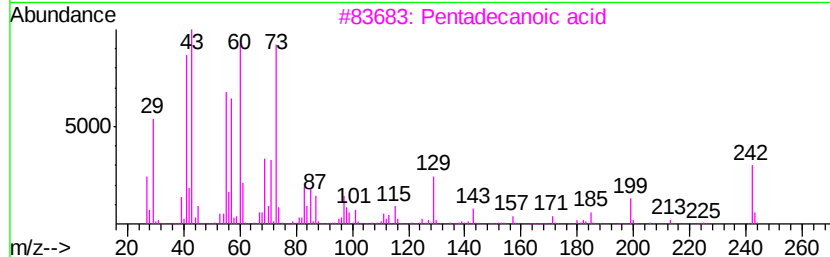
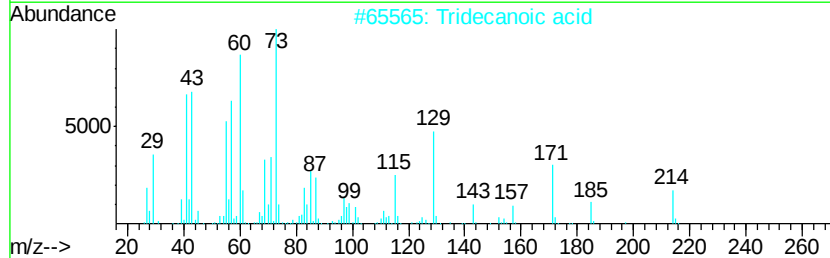
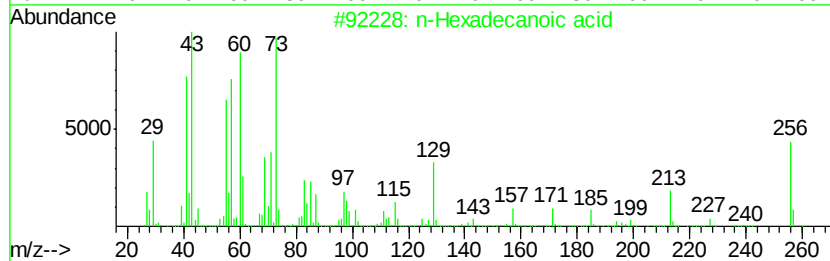
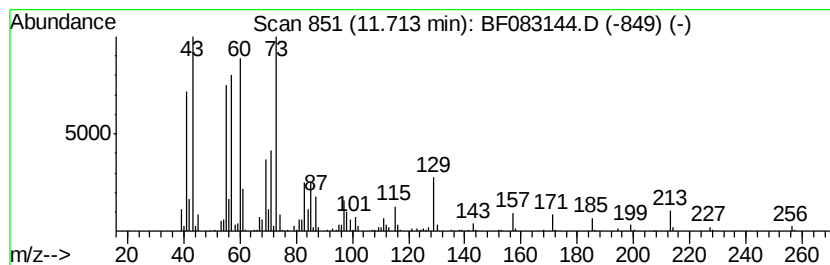
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	6.34 ng	555014	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Undecanoic acid	186	C11H22O2	000112-37-8	78
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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Misc :
ALS Vial : 34 Sample Multiplier: 1

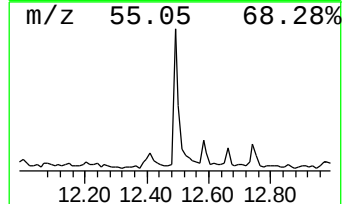
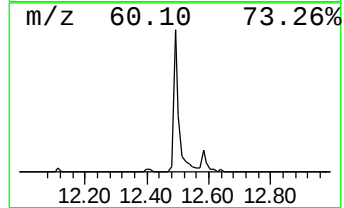
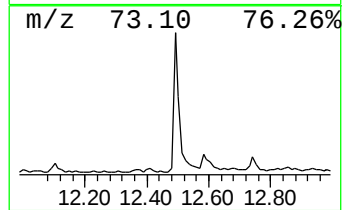
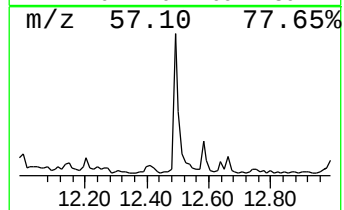
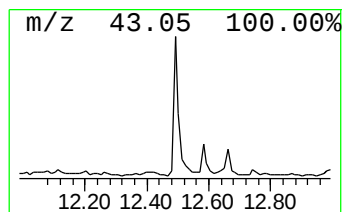
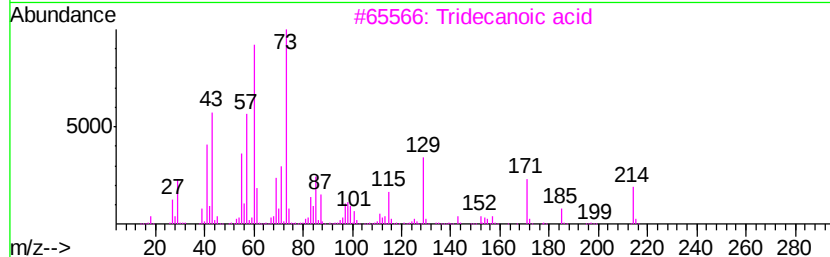
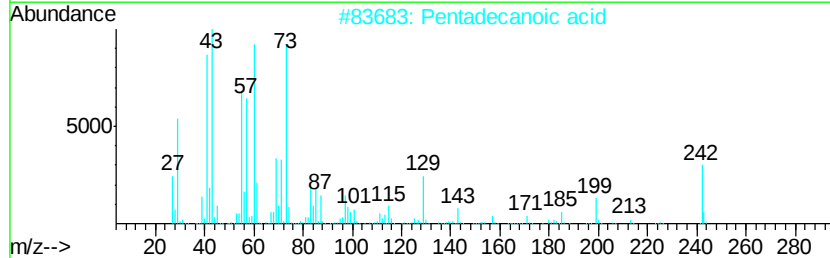
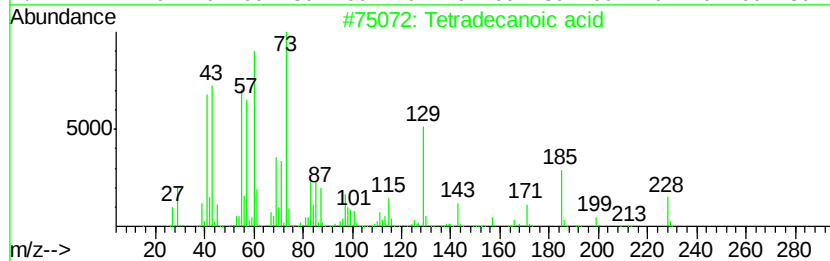
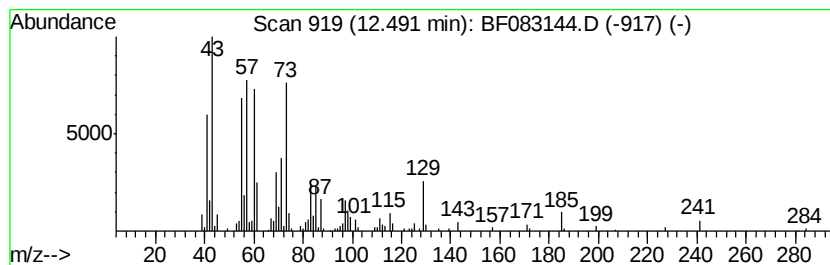
Instrument :
BNA_F
ClientSampleId :
DUP-XX

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 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.49	3.97 ng	350262	Chrysene-d12	13.78	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38



Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083144.D
Acq On : 22 Nov 2015 7:57
Operator : UM/IZ
Sample : G4505-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-XX

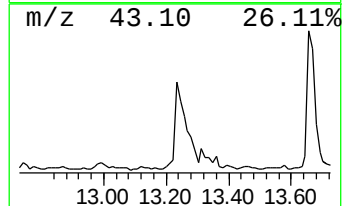
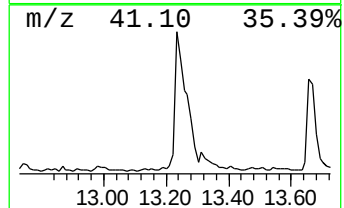
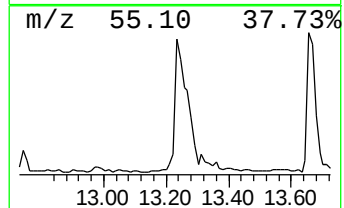
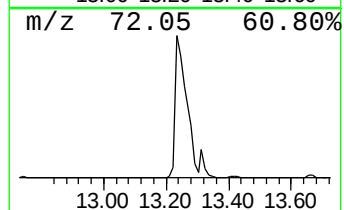
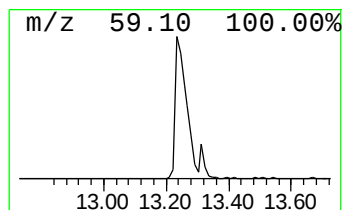
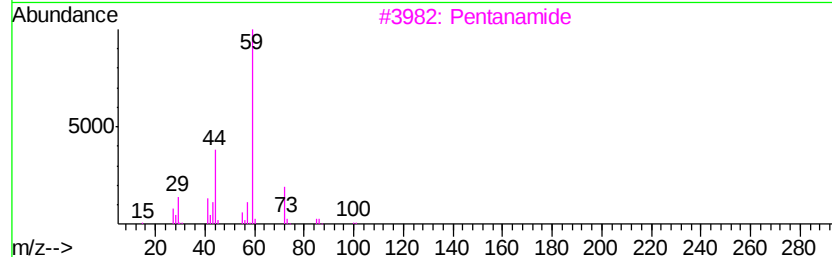
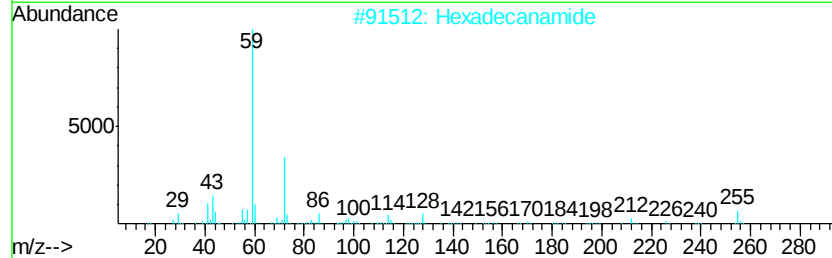
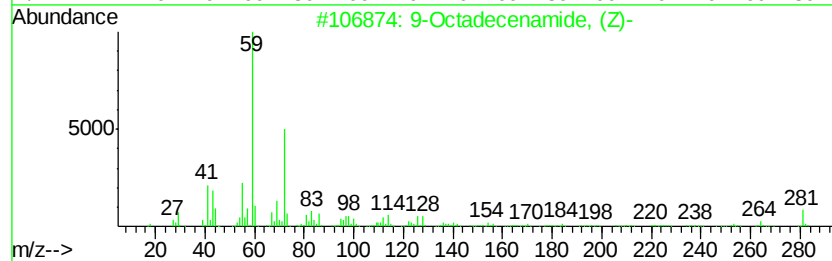
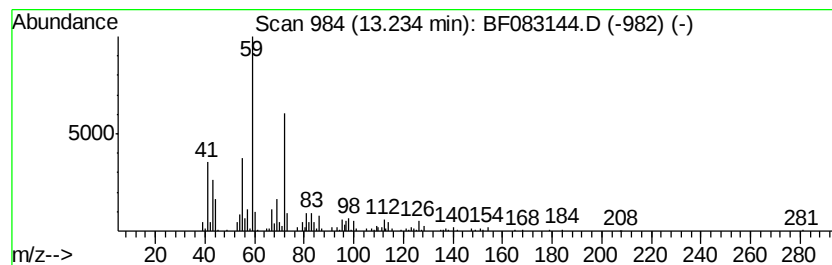
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	8.71 ng	768315	Chrysene-d12	13.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2		Hexadecanamide	255	C16H33NO	000629-54-9	78
3		Pentanamide	101	C5H11NO	000626-97-1	64
4		Octanamide	143	C8H17NO	000629-01-6	59
5		Dodecanamide	199	C12H25NO	001120-16-7	59



Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083144.D
Acq On : 22 Nov 2015 7:57
Operator : UM/IZ
Sample : G4505-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-XX

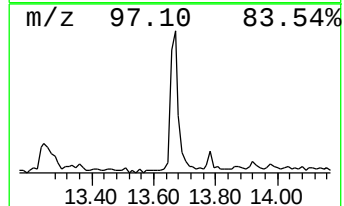
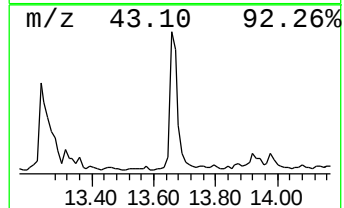
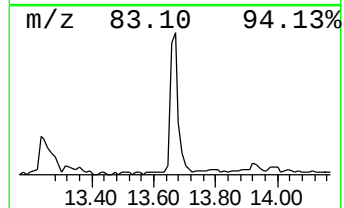
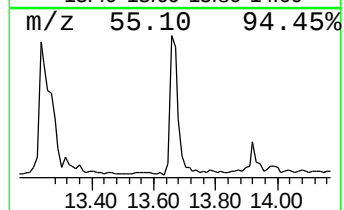
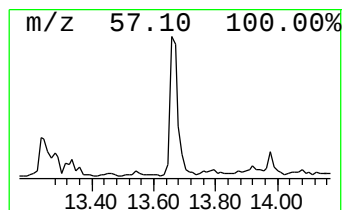
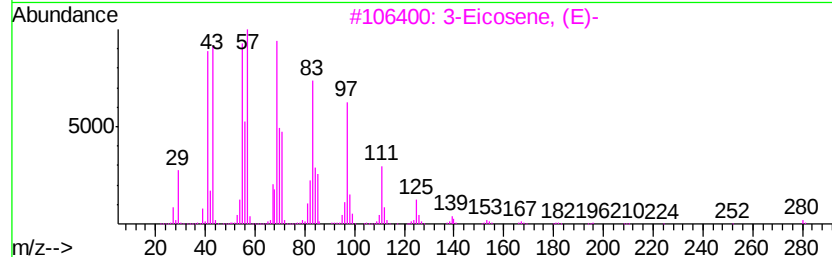
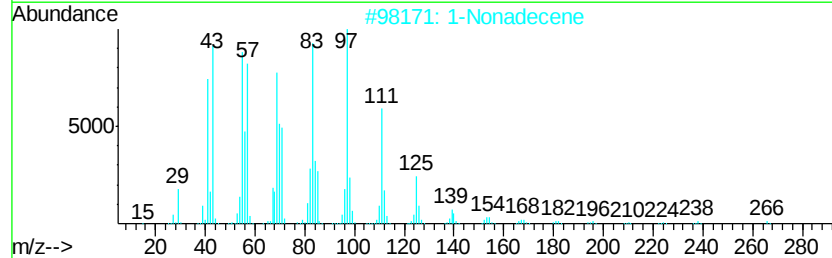
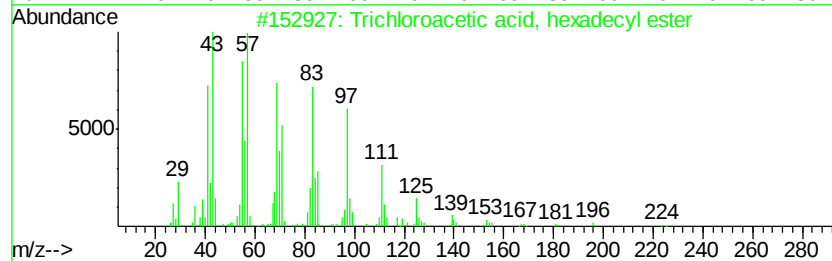
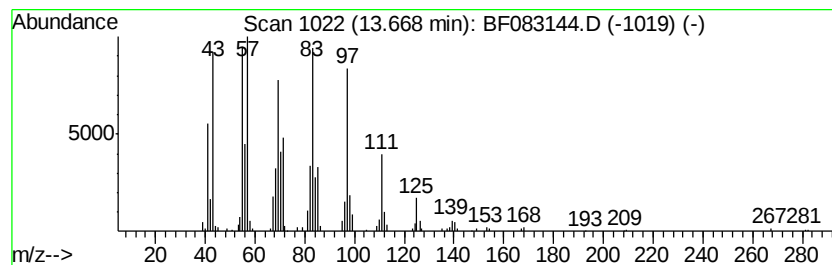
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.59 ng	493118	Chrysene-d12	13.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2			1-Nonadecene	266	C19H38	018435-45-5	91
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4			1-Docosene	308	C22H44	001599-67-3	90
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90



Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083144.D
Acq On : 22 Nov 2015 7:57
Operator : UM/IZ
Sample : G4505-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

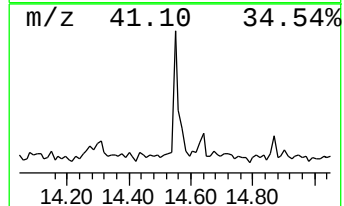
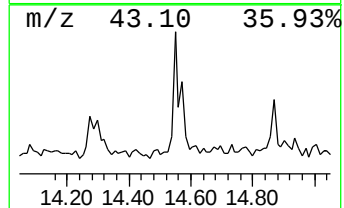
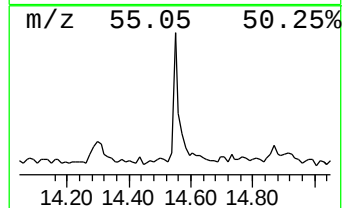
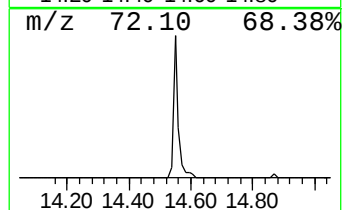
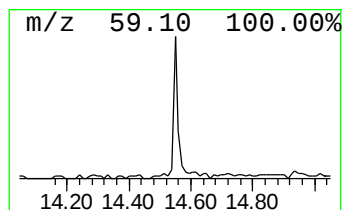
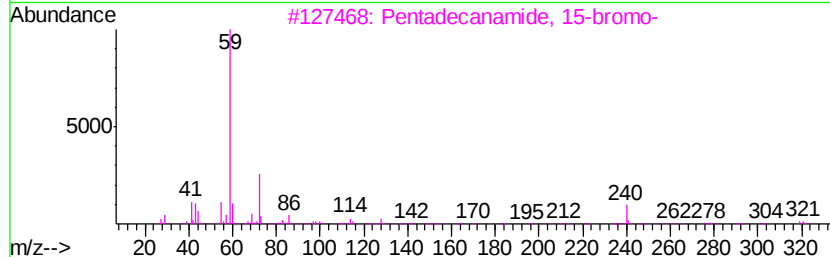
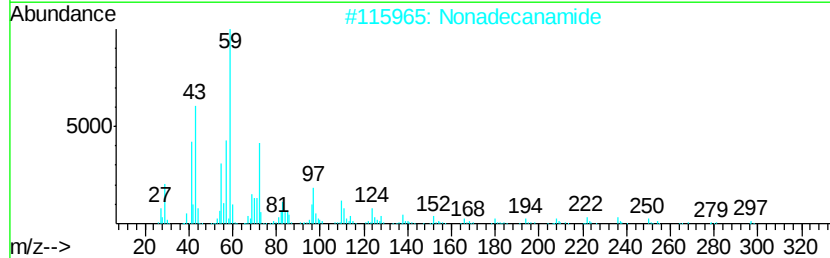
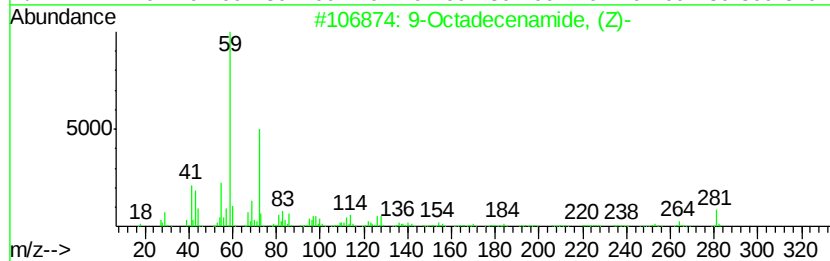
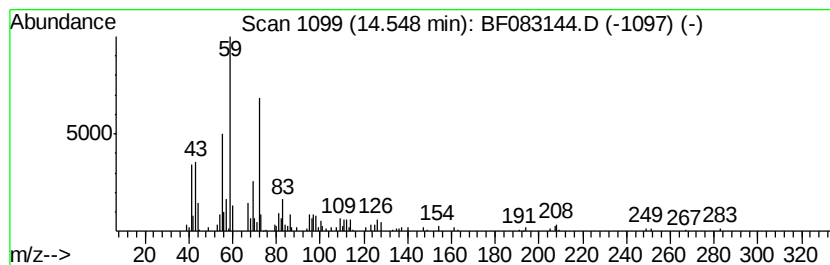
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecanamide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.55	2.33 ng	165920	Perylene-d12	15.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2	Nonadecanamide	297	C19H39NO	058185-32-3	64
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64
4	Hexadecanamide	255	C16H33NO	000629-54-9	59
5	Dodecanamide	199	C12H25NO	001120-16-7	59



Data Path : V:\HPCHEM1\BNA_F\DATA\BF112115\
Data File : BF083144.D
Acq On : 22 Nov 2015 7:57
Operator : UM/IZ
Sample : G4505-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.82	55.3	ng	3534470	1	6.65	1277380	20.0
unknown6.42	6.42	93.7	ng	5981050	1	6.65	1277380	20.0
Hexadecane	10.14	2.8	ng	236121	3	9.69	1712020	20.0
Heptadecane	10.60	4.1	ng	355052	4	11.16	1750170	20.0
n-Hexadecanoic acid	11.71	6.3	ng	555014	4	11.16	1750170	20.0
Tetradecanoic acid	12.49	4.0	ng	350262	5	13.78	1764590	20.0
9-Octadecenamide,...	13.23	8.7	ng	768315	5	13.78	1764590	20.0
Trichloroacetic a...	13.67	5.6	ng	493118	5	13.78	1764590	20.0
Nonadecanamide	14.55	2.3	ng	165920	6	15.15	1426130	20.0