

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082709.D
 Acq On : 4 Nov 2015 19:13
 Operator : UM/IZ
 Sample : G4241-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17(6)

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-BF103015.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	5.047	256	259	266	rVB	1527169	2507320	37.03%	4.195%
2	5.470	293	296	298	rBV	4689735	4738355	69.98%	7.927%
3	6.453	379	382	383	rBV	46703	72532	1.07%	0.121%
4	6.499	383	386	388	rVB	5003175	5673555	83.79%	9.492%
5	6.636	395	398	400	rBV	4749405	5610976	82.86%	9.387%
6	6.864	416	418	420	rBV	1332453	1197769	17.69%	2.004%
7	7.024	429	432	434	rVB	3832593	4044034	59.72%	6.766%
8	7.424	464	467	469	rBV	3243167	3334704	49.25%	5.579%
9	8.144	528	530	533	rBV	1411702	1489731	22.00%	2.492%
10	8.956	599	601	604	rBV	67433	79605	1.18%	0.133%
11	9.105	612	614	617	rVB	108523	102156	1.51%	0.171%
12	9.230	622	625	627	rBV	6379863	6176660	91.22%	10.334%
13	9.356	633	636	637	rBV	126466	154290	2.28%	0.258%
14	9.562	651	654	657	rBV	84856	113409	1.67%	0.190%
15	9.619	657	659	661	rBV	1179912	985733	14.56%	1.649%
16	9.905	681	684	686	rBV	2032740	1925944	28.44%	3.222%
17	10.316	715	720	724	rBV2	131937	276971	4.09%	0.463%
18	10.568	740	742	744	rBV	75122	87344	1.29%	0.146%
19	10.693	749	753	755	rBV	3784652	4510513	66.61%	7.546%
20	10.819	760	764	769	rBV	118842	229426	3.39%	0.384%
21	10.910	769	772	775	rBV2	51499	85048	1.26%	0.142%
22	11.265	801	803	805	rBV2	98124	100218	1.48%	0.168%
23	11.379	811	813	816	rBV2	1550028	1825105	26.95%	3.053%
24	11.459	817	820	821	rVB3	52850	87390	1.29%	0.146%
25	11.619	831	834	838	rBV	646204	676819	10.00%	1.132%
26	11.688	838	840	843	rVB	44722	67929	1.00%	0.114%
27	11.916	858	860	862	rBV3	279221	375500	5.55%	0.628%
28	12.099	873	876	878	rVB2	56067	75319	1.11%	0.126%
29	12.179	881	883	884	rBV	94528	79903	1.18%	0.134%
30	12.442	904	906	908	rBV	828625	967710	14.29%	1.619%
31	12.705	927	929	932	rBV	124952	123344	1.82%	0.206%
32	12.808	936	938	941	rBV2	65037	82936	1.22%	0.139%
33	12.865	941	943	947	rVB	60450	92236	1.36%	0.154%
34	12.979	950	953	955	rBV	5875018	6771359	100.00%	11.329%

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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-BF103015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.219	970	974	975 rBV	113168	151103	2.23%	0.253%
36	13.425	990	992	998 rBV4	64871	152825	2.26%	0.256%
37	13.562	1002	1004	1006 rVB	88321	95645	1.41%	0.160%
38	13.871	1029	1031	1037 rBV2	671709	868312	12.82%	1.453%
39	14.019	1041	1044	1046 rBV	2137823	1955220	28.87%	3.271%
40	14.511	1085	1087	1095 rBV2	53800	101521	1.50%	0.170%
41	15.459	1167	1170	1172 rBV	1106796	1466749	21.66%	2.454%
42	15.985	1213	1216	1220 rBV	80153	171724	2.54%	0.287%
43	17.071	1308	1311	1319 rBV9	22239	86783	1.28%	0.145%

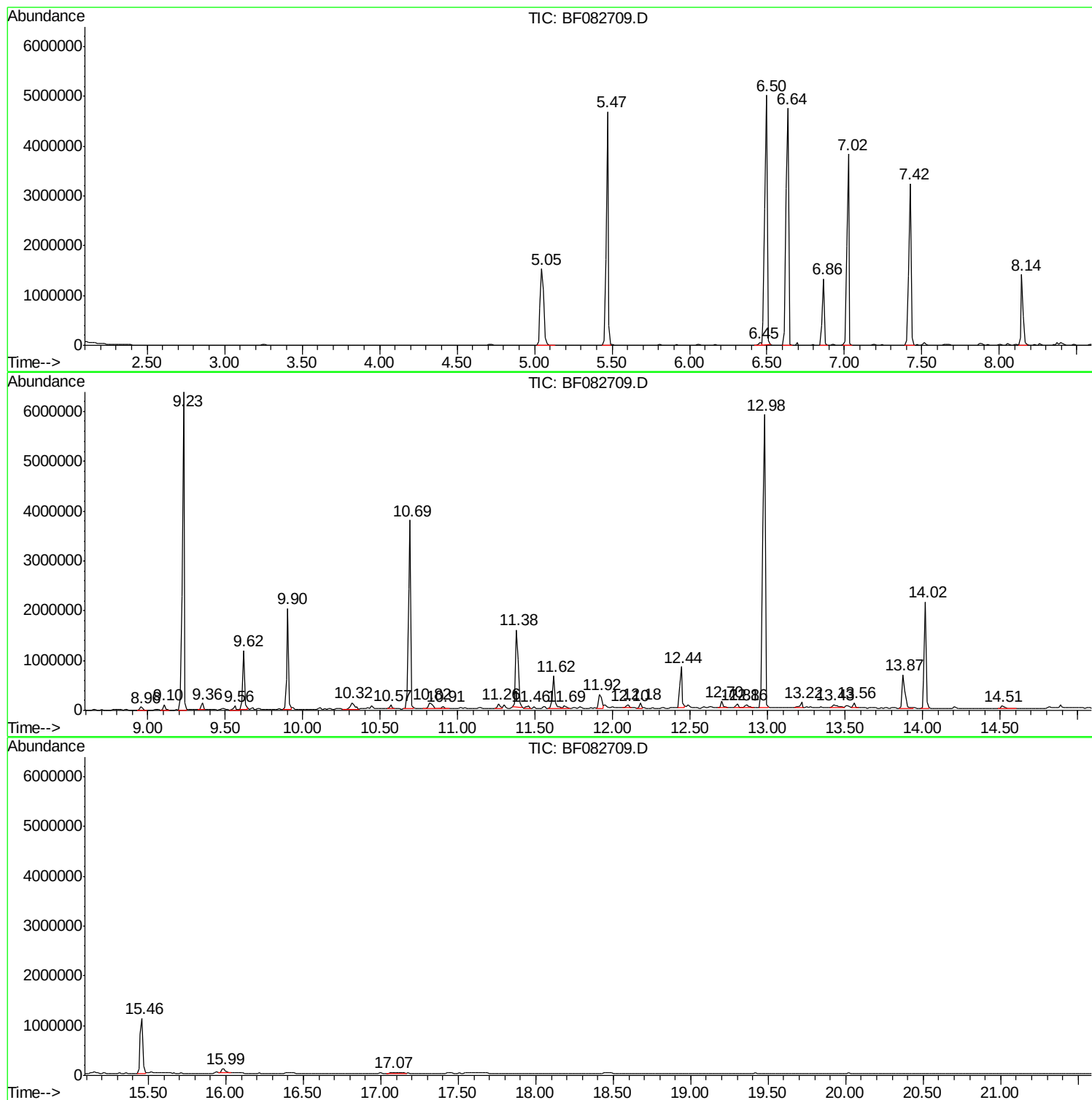
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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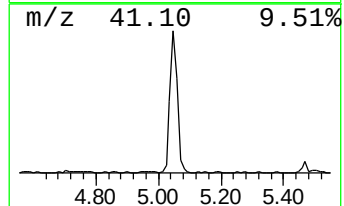
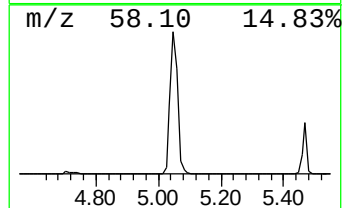
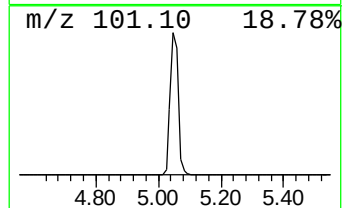
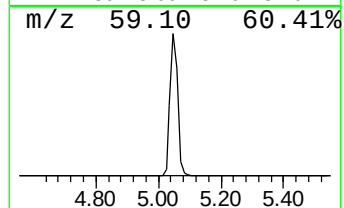
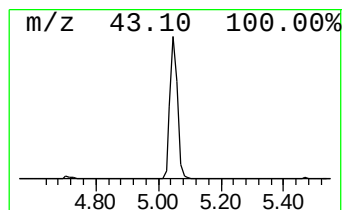
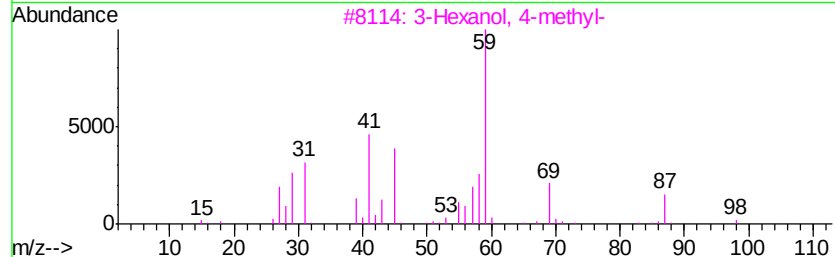
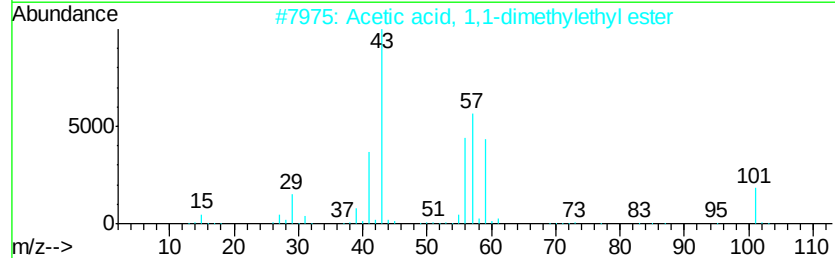
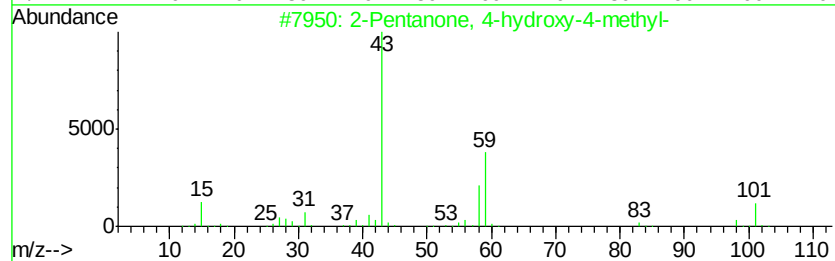
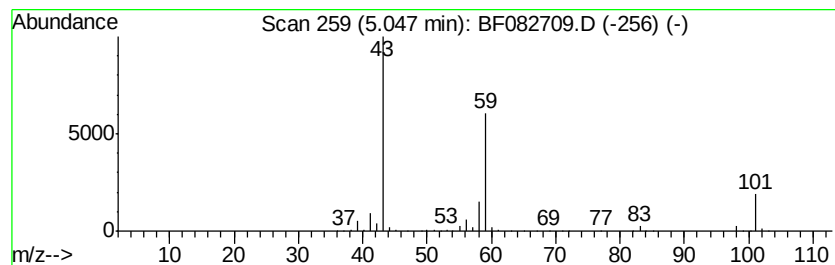
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.05	41.87 ng	2507320	1,4-Dichlorobenzene-d4	6.86

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			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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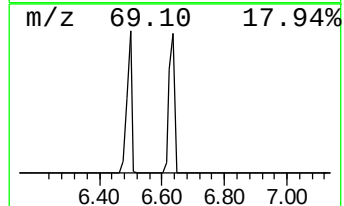
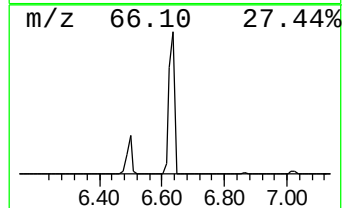
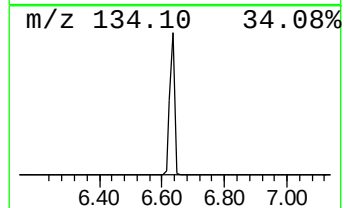
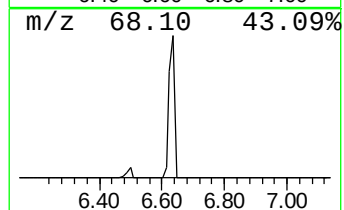
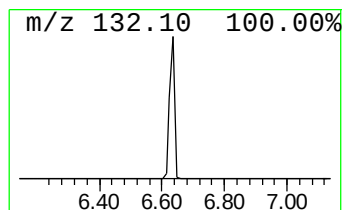
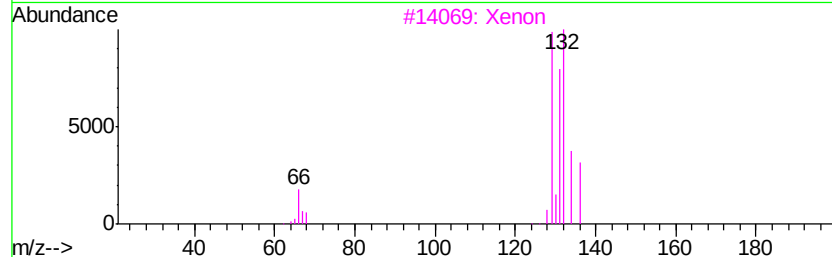
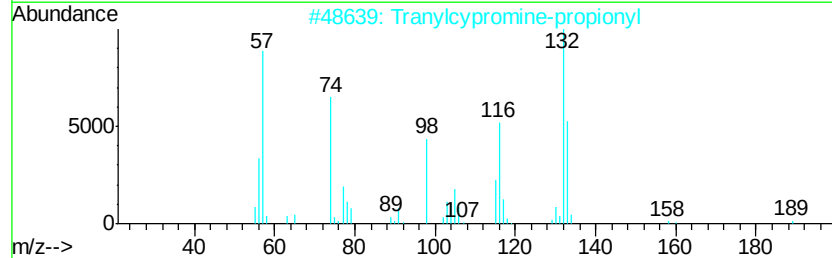
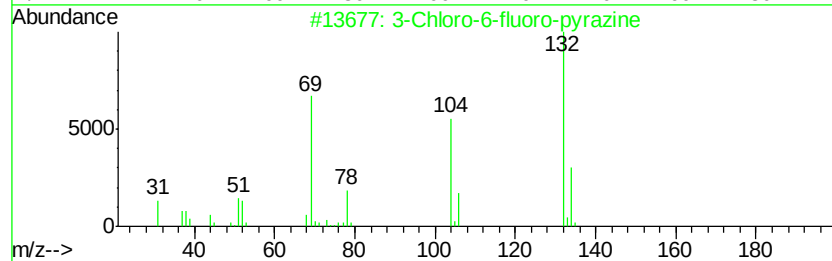
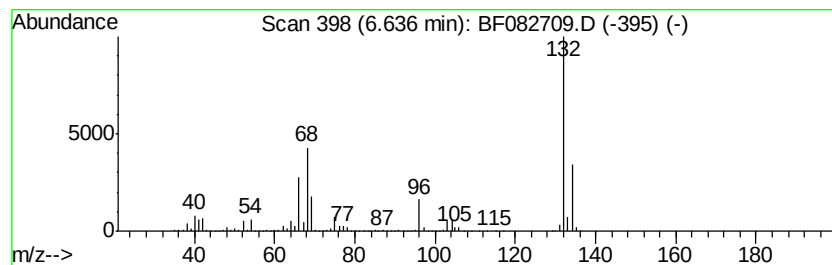
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	93.69 ng	5610980	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Xenon	132	Xe	007440-63-3	9
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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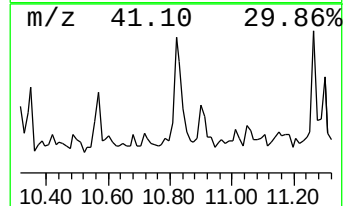
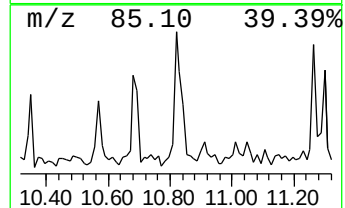
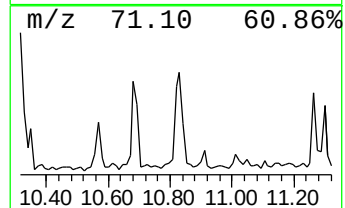
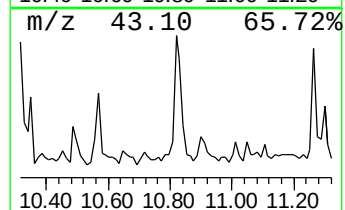
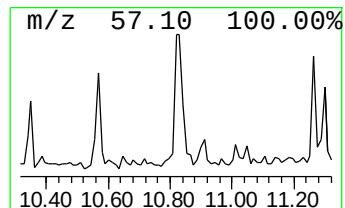
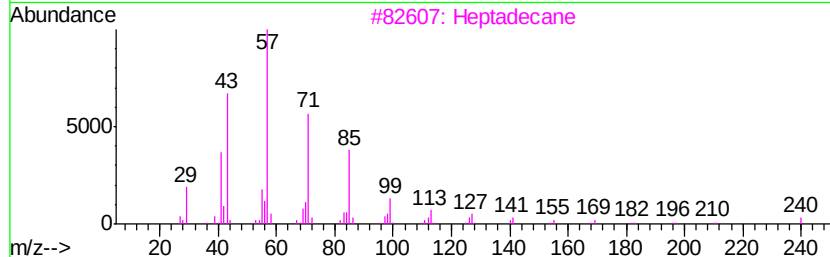
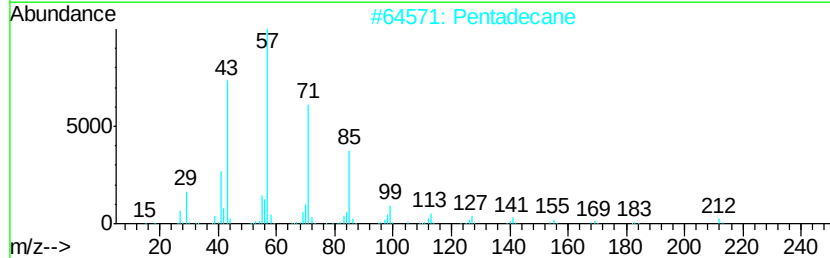
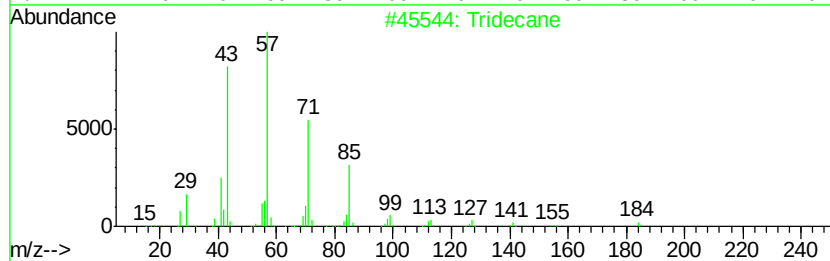
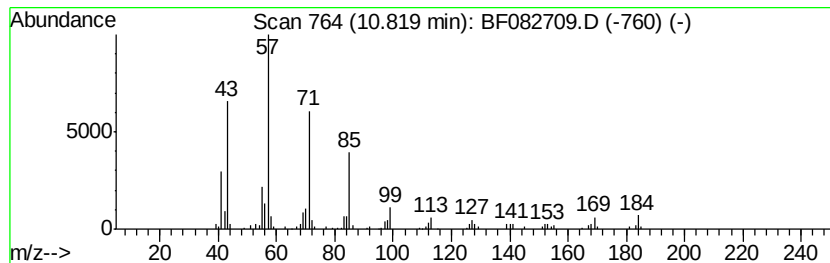
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.51 ng	229426	Phenanthrene-d10	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	97
2	Pentadecane		212	C15H32	000629-62-9	87
3	Heptadecane		240	C17H36	000629-78-7	87
4	Octadecane		254	C18H38	000593-45-3	87
5	Tetracosane		338	C24H50	000646-31-1	87



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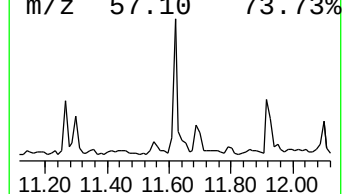
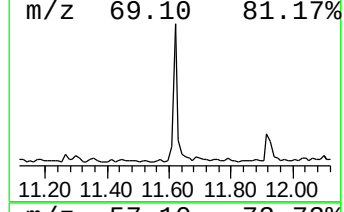
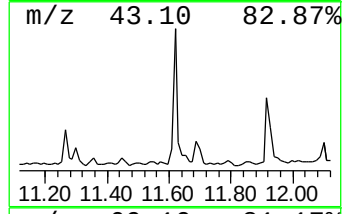
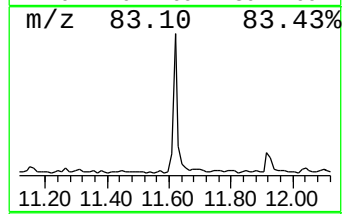
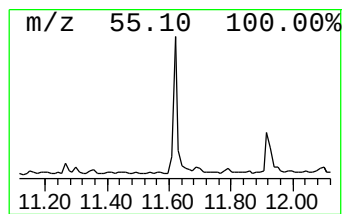
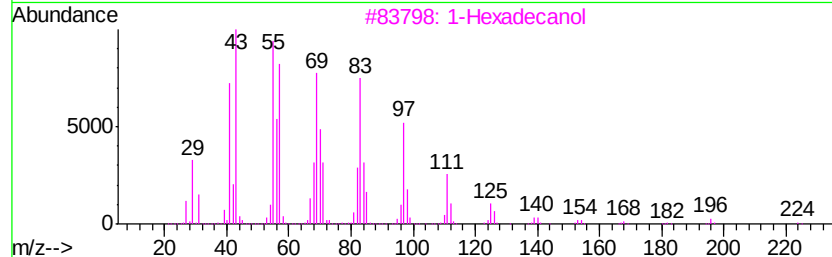
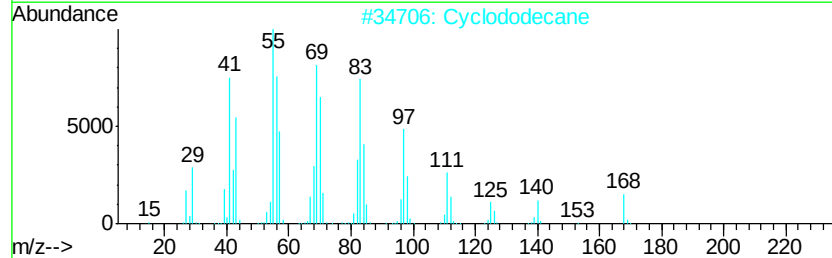
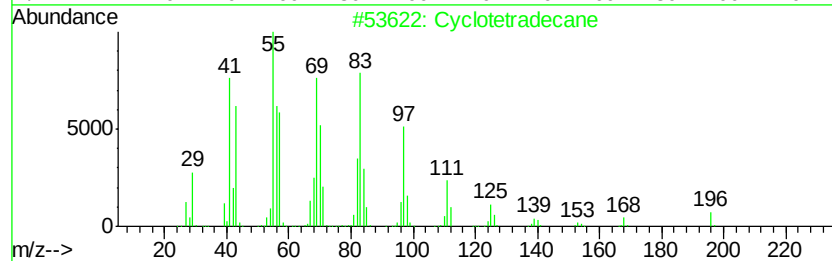
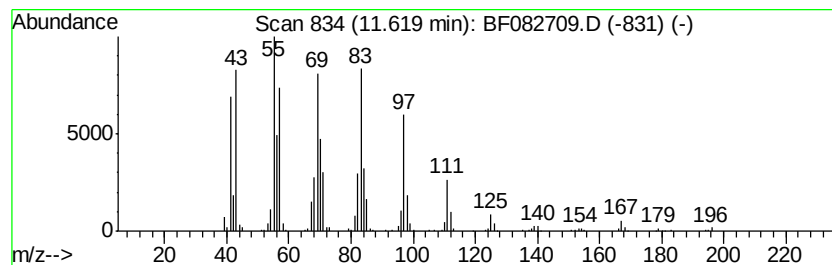
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclotetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	7.42 ng	676819	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	98
2	Cyclododecane	168	C12H24	000294-62-2	94
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
5	1-Tridecanol	200	C13H28O	000112-70-9	91



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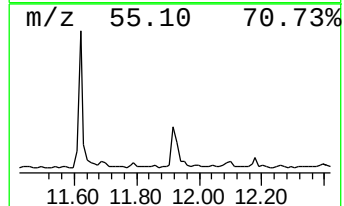
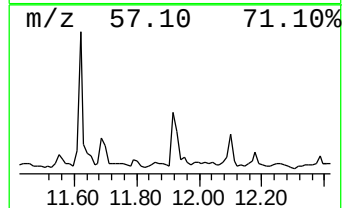
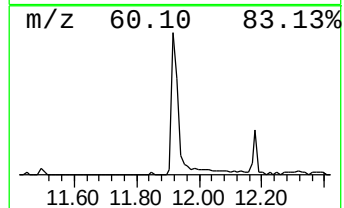
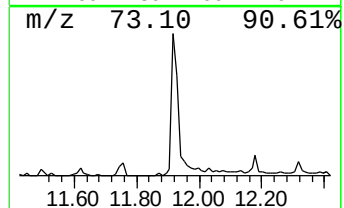
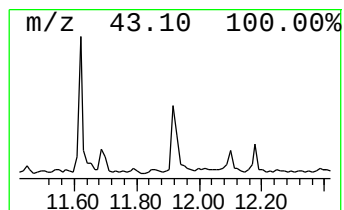
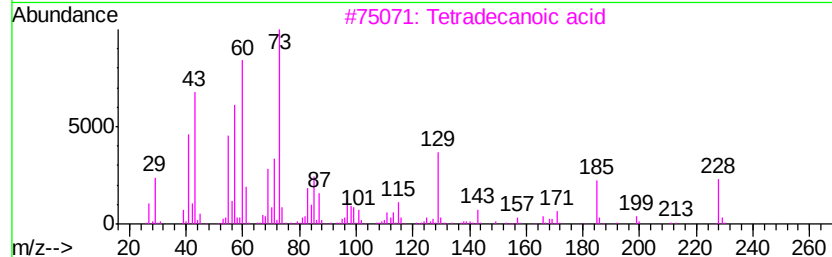
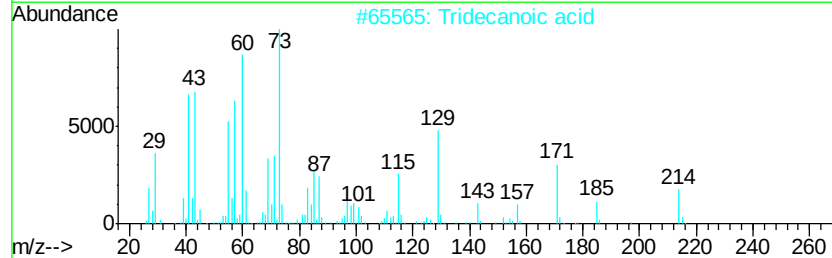
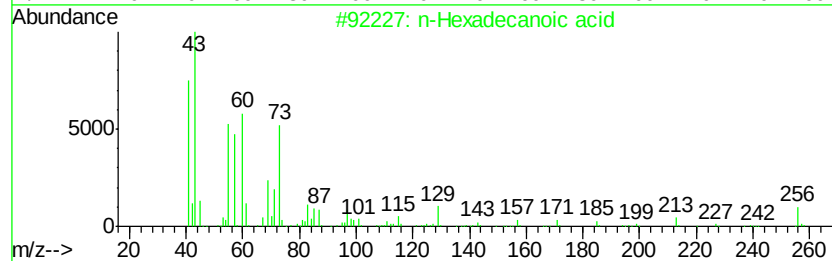
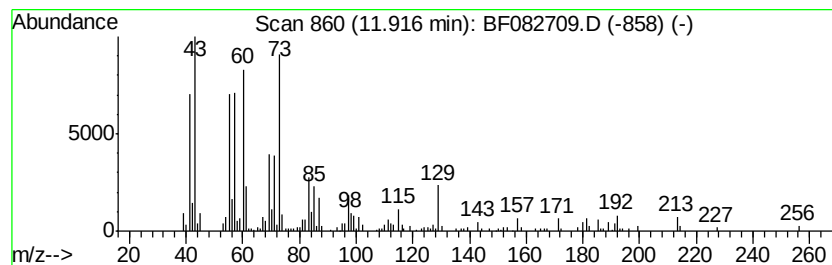
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.11 ng	375500	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4		Dodecane	170	C12H26	000112-40-3	18
5		Undecane	156	C11H24	001120-21-4	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
Data File : BF082709.D
Acq On : 4 Nov 2015 19:13
Operator : UM/IZ
Sample : G4241-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

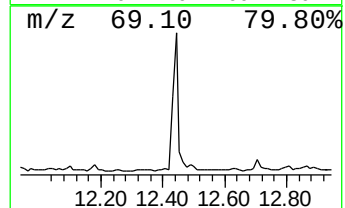
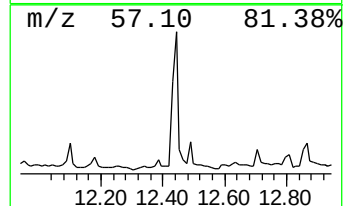
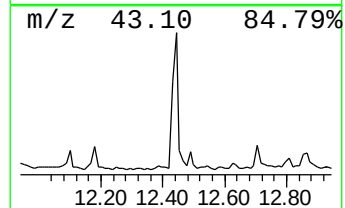
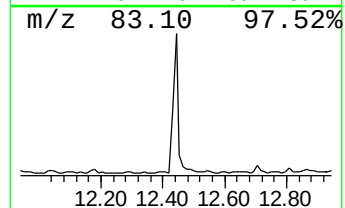
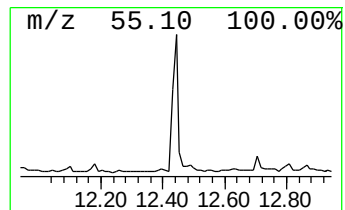
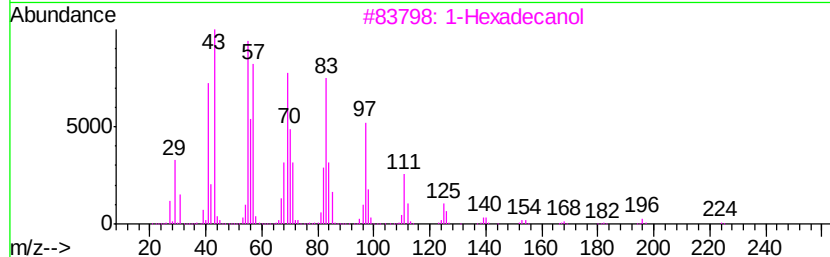
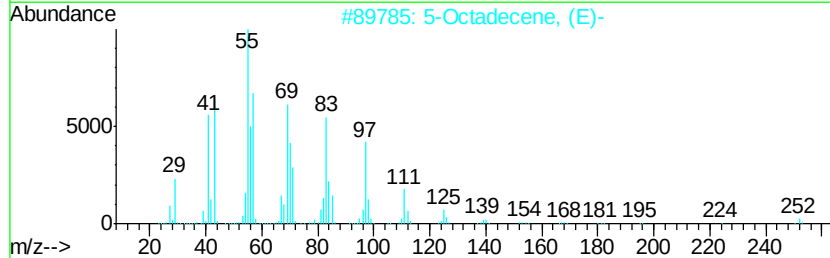
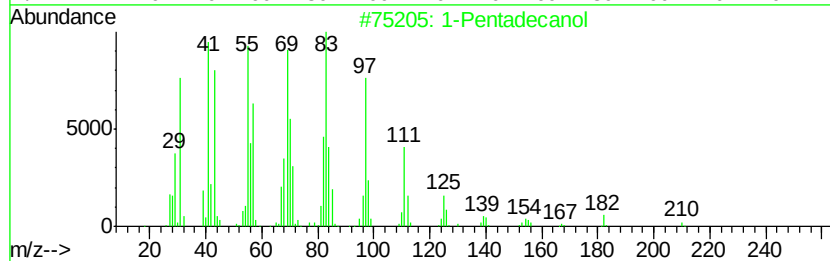
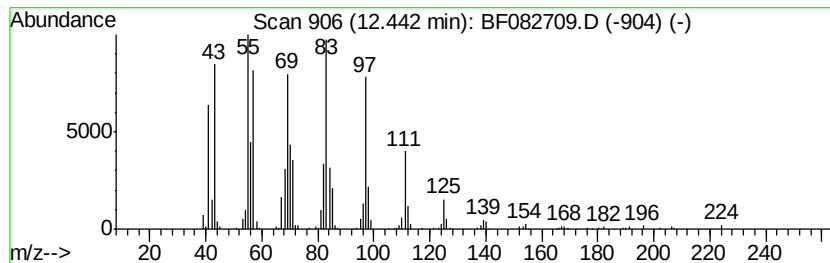
Instrument :
BNA_F
ClientSampleId :
TP-17(6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Pentadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.44	10.60 ng	967710	Phenanthrene-d10	11.38		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentadecanol	228	C15H32O	000629-76-5	91
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3		1-Hexadecanol	242	C16H34O	036653-82-4	91
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082709.D
Acq On : 4 Nov 2015 19:13
Operator : UM/IZ
Sample : G4241-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17(6)

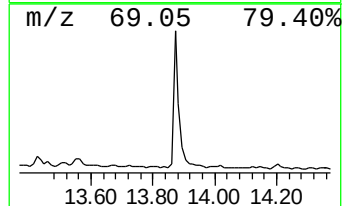
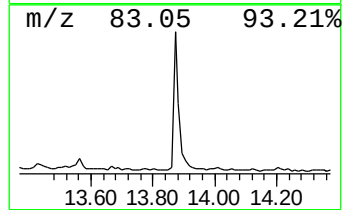
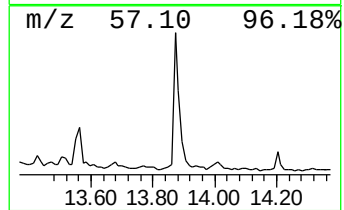
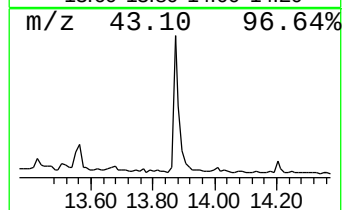
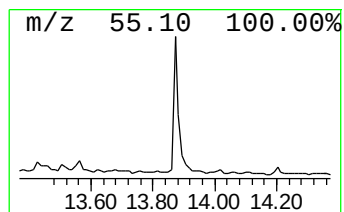
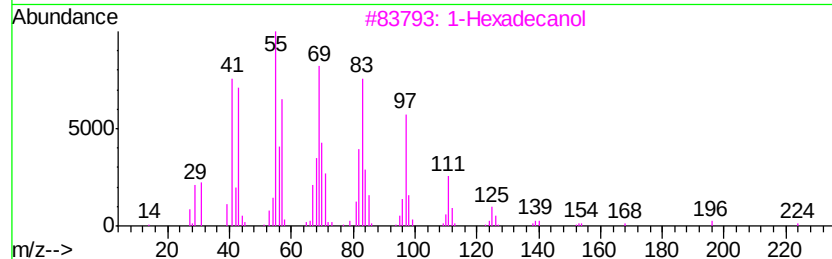
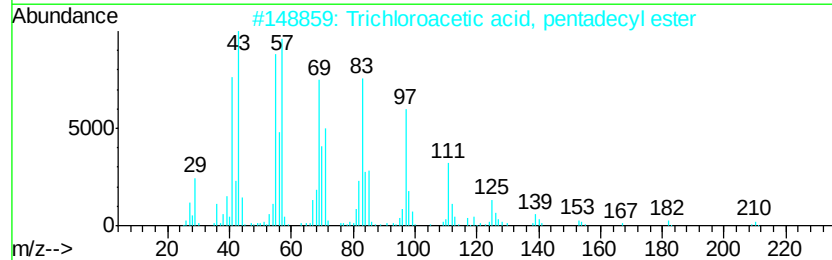
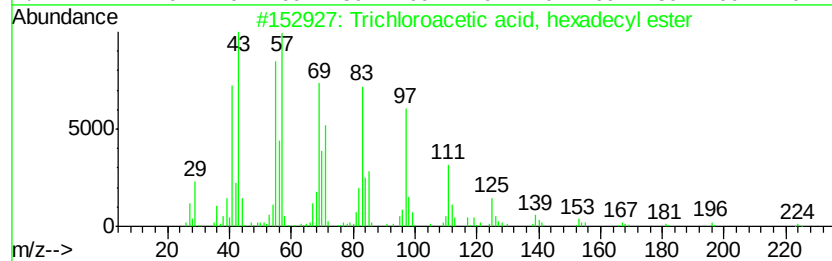
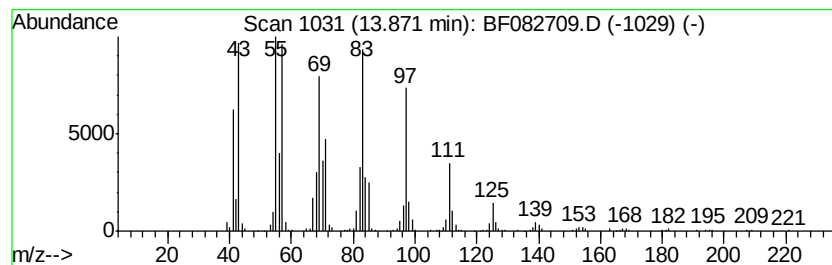
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	8.88 ng	868312	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3		1-Hexadecanol	242	C16H34O	036653-82-4	90
4		1-Nonadecene	266	C19H38	018435-45-5	90
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
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Acq On : 4 Nov 2015 19:13
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Sample : G4241-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17(6)

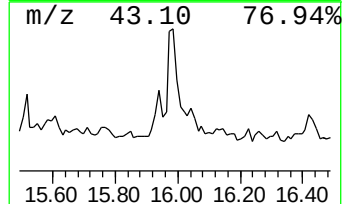
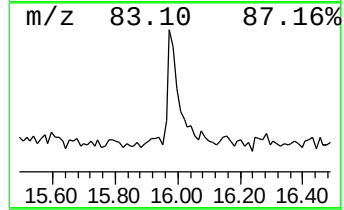
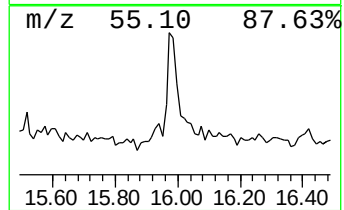
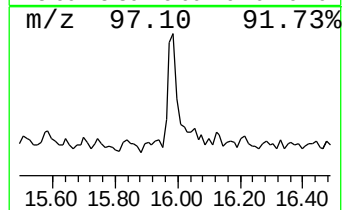
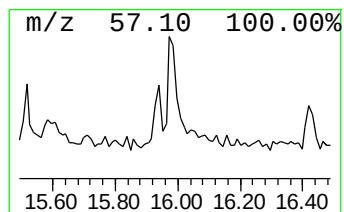
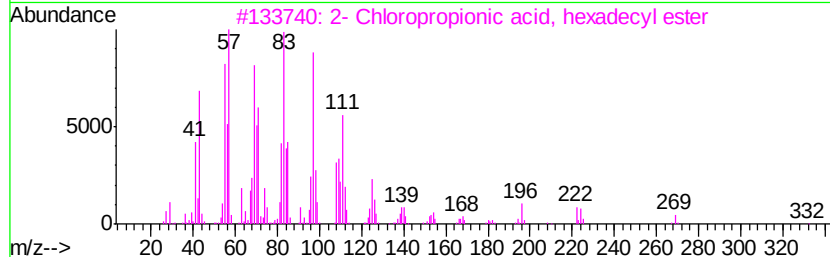
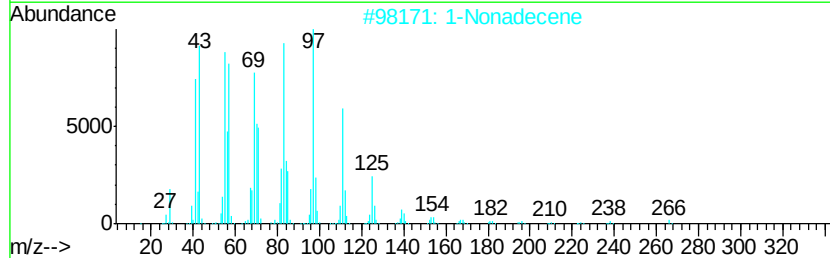
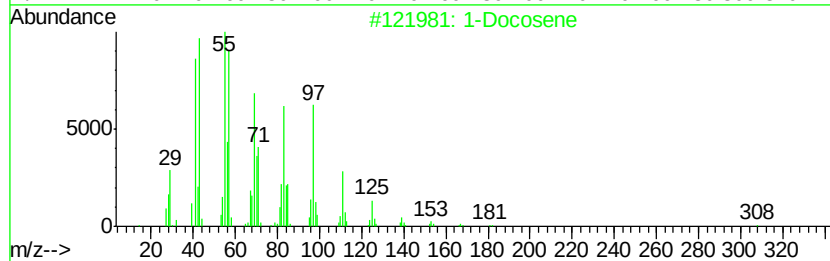
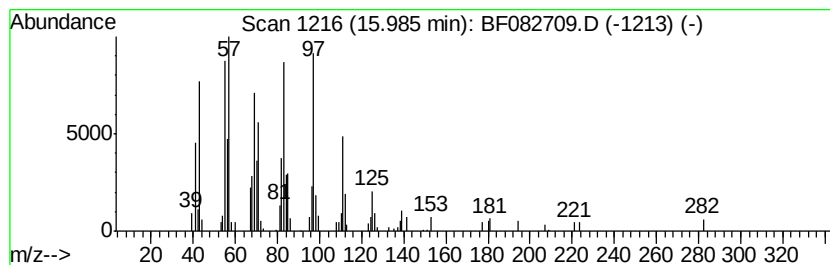
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Docosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.34 ng	171724	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	91
2			1-Nonadecene	266	C19H38	018435-45-5	91
3			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	90
4			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
5			Chloroacetic acid, dodecyl ester	262	C14H27ClO2	006316-04-7	87



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Operator : UM/IZ
Sample : G4241-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17(6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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...	5.05	41.9	ng	2507320	1	6.86	1197770	20.0
unknown6.64	6.64	93.7	ng	5610980	1	6.86	1197770	20.0
Tridecane	10.82	2.5	ng	229426	4	11.38	1825110	20.0
Cyclotetradecane	11.62	7.4	ng	676819	4	11.38	1825110	20.0
n-Hexadecanoic acid	11.92	4.1	ng	375500	4	11.38	1825110	20.0
1-Pentadecanol	12.44	10.6	ng	967710	4	11.38	1825110	20.0
Trichloroacetic a...	13.87	8.9	ng	868312	5	14.02	1955220	20.0
1-Docosene	15.99	2.3	ng	171724	6	15.46	1466750	20.0