

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085286.D
 Acq On : 9 Mar 2016 5:35
 Operator : UM/SJ
 Sample : H1703-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-53COMP(0.5-2.75)

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-BF030316.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	5.167	249	252	259	rVB	615603	950474	22.28%	2.552%
2	5.567	284	287	289	rBV	3409415	3493750	81.88%	9.382%
3	6.584	373	376	378	rBV	3253210	3451295	80.89%	9.268%
4	6.733	386	389	391	rBV	2872079	3971687	93.09%	10.666%
5	6.962	407	409	411	rBV	1019617	898840	21.07%	2.414%
6	7.122	420	423	425	rBV	2795063	3214536	75.34%	8.632%
7	7.522	455	458	460	rBV	2467889	2371543	55.58%	6.369%
8	8.242	519	521	524	rBV	1239922	1119715	26.24%	3.007%
9	9.248	605	609	613	rVB	27740	53188	1.25%	0.143%
10	9.328	613	616	618	rBV	3208907	4266682	100.00%	11.458%
11	9.716	648	650	651	rBV	407095	491809	11.53%	1.321%
12	9.933	666	669	671	rBV	102580	112424	2.63%	0.302%
13	10.002	673	675	677	rVB	1442567	1230286	28.83%	3.304%
14	10.425	710	712	714	rVB	160550	156258	3.66%	0.420%
15	10.653	728	732	735	rBV	49396	101246	2.37%	0.272%
16	10.791	741	744	746	rBV	2366755	2417801	56.67%	6.493%
17	10.905	752	754	759	rBV	142706	205837	4.82%	0.553%
18	11.099	768	771	775	rBV2	17708	43944	1.03%	0.118%
19	11.351	790	793	794	rBV	76259	71533	1.68%	0.192%
20	11.488	802	805	806	rBV	1135270	1149243	26.94%	3.086%
21	11.511	806	807	808	rVV	122890	90157	2.11%	0.242%
22	11.556	808	811	813	rVB2	37684	52137	1.22%	0.140%
23	11.774	828	830	832	rBV	206018	161815	3.79%	0.435%
24	12.002	848	850	857	rVV2	245168	361842	8.48%	0.972%
25	12.094	857	858	862	rVB2	30720	46654	1.09%	0.125%
26	12.699	909	911	913	rBV	137657	190175	4.46%	0.511%
27	12.791	917	919	923	rVV	110487	137221	3.22%	0.368%
28	12.928	928	931	933	rVB	111586	169904	3.98%	0.456%
29	13.065	941	943	946	rVB	2626586	2833828	66.42%	7.610%
30	13.957	1019	1021	1027	rVB	183918	247544	5.80%	0.665%
31	14.117	1030	1035	1041	rVV	893119	1070164	25.08%	2.874%
32	14.505	1064	1069	1070	rBV	27110	52376	1.23%	0.141%
33	14.597	1074	1077	1083	rVV5	55327	138882	3.26%	0.373%
34	14.711	1084	1087	1089	rVV	56639	77299	1.81%	0.208%

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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-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.871	1099	1101	1104	rBV	244035	285136	6.68%	0.766%
36	15.157	1123	1126	1130	rBV	76543	156049	3.66%	0.419%
37	15.374	1143	1145	1149	rVB	76328	95613	2.24%	0.257%
38	15.454	1150	1152	1155	rVB	43858	61755	1.45%	0.166%
39	15.522	1155	1158	1160	rBV	58990	78276	1.83%	0.210%
40	15.591	1160	1164	1166	rBV	512446	808804	18.96%	2.172%
41	16.105	1207	1209	1217	rVV7	31352	105636	2.48%	0.284%
42	16.917	1277	1280	1285	rVB3	31120	63769	1.49%	0.171%
43	17.043	1288	1291	1296	rVB2	33073	67097	1.57%	0.180%
44	17.488	1327	1330	1336	rVB	24998	61305	1.44%	0.165%
45	17.660	1342	1345	1350	rBV6	19496	52263	1.22%	0.140%

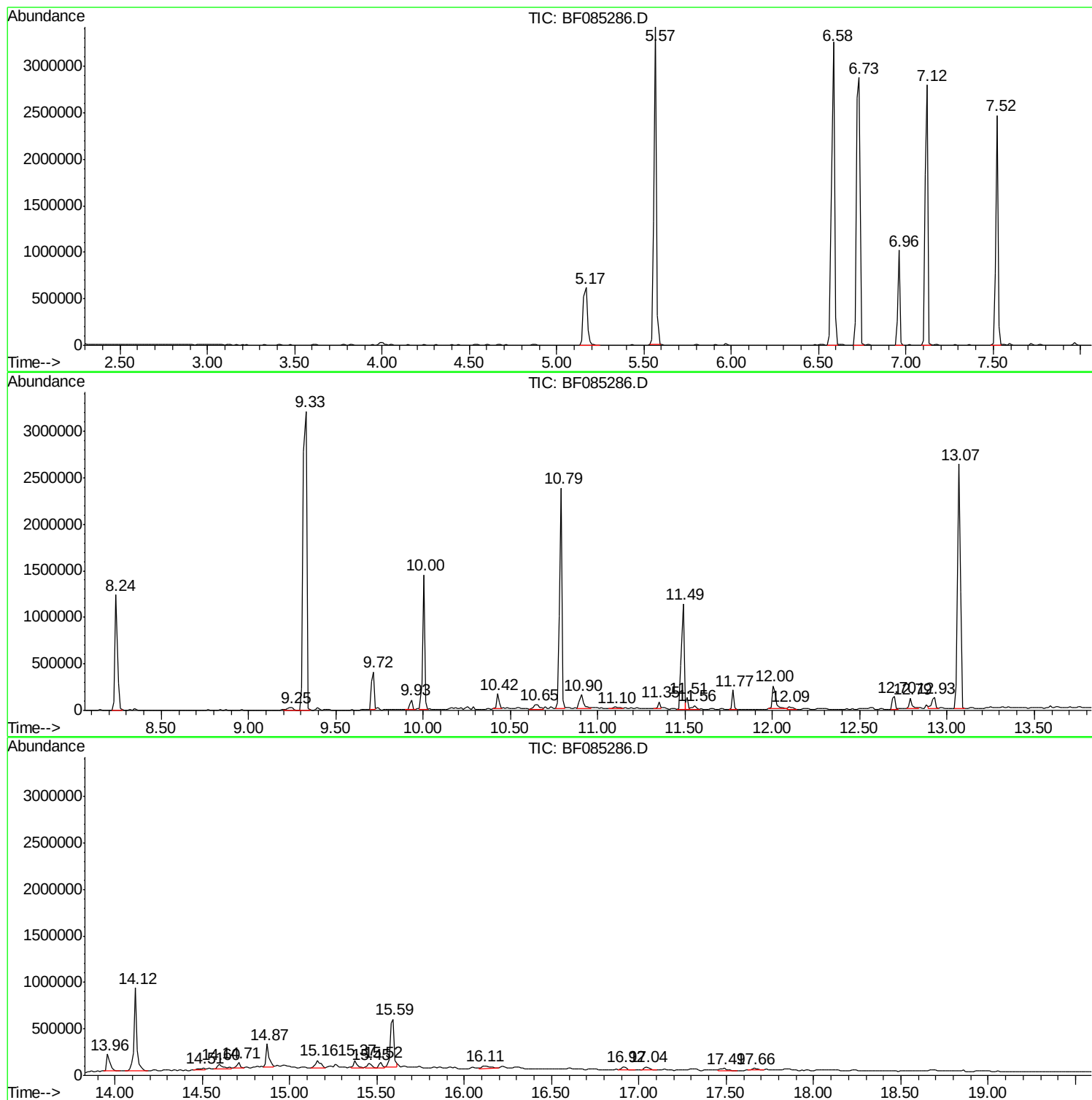
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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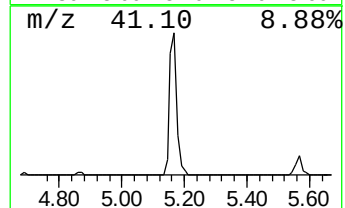
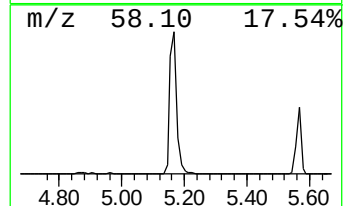
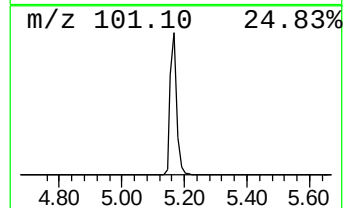
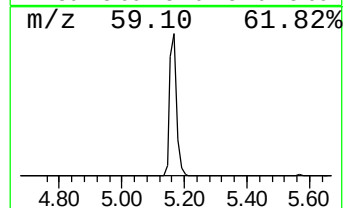
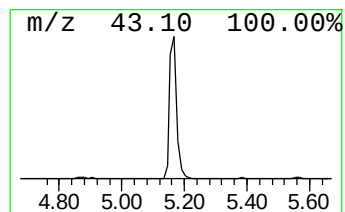
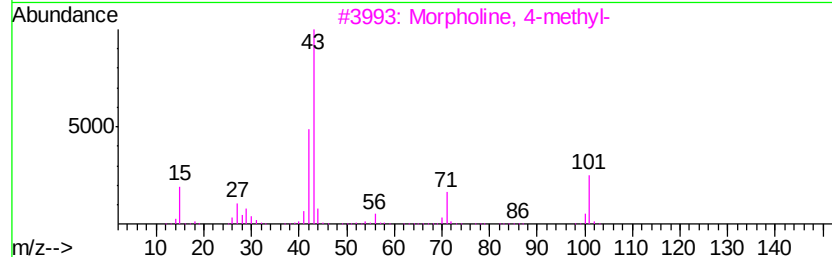
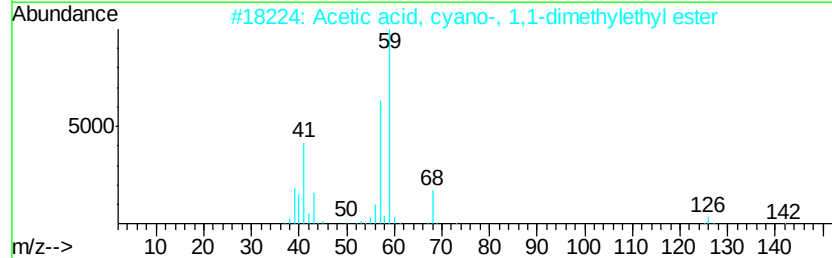
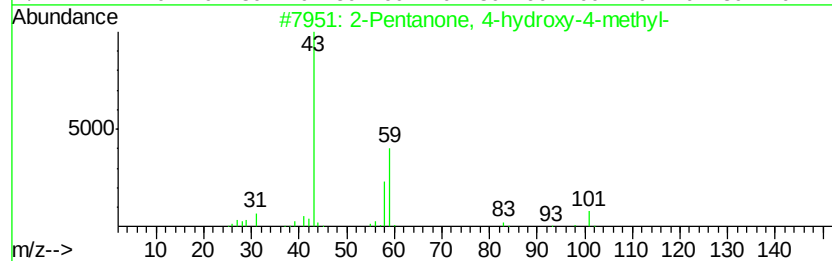
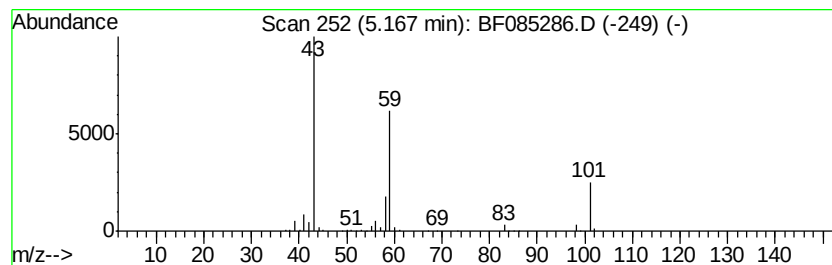
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.		
5.17	21.15 ng	950474	1,4-Dichlorobenzene-d4	6.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17	
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9	
5	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9	



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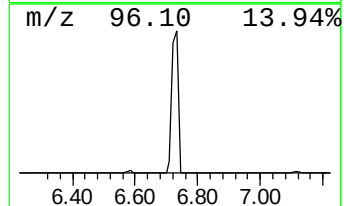
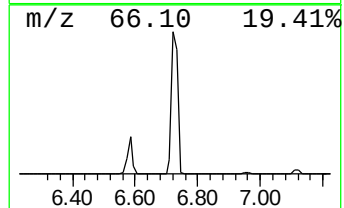
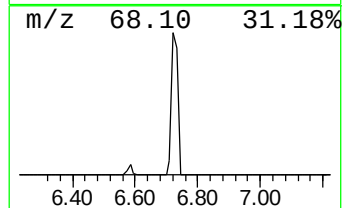
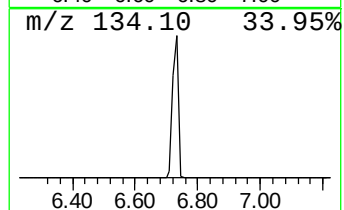
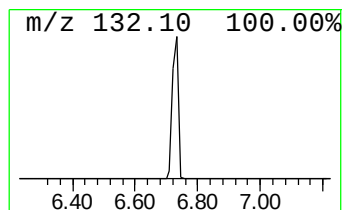
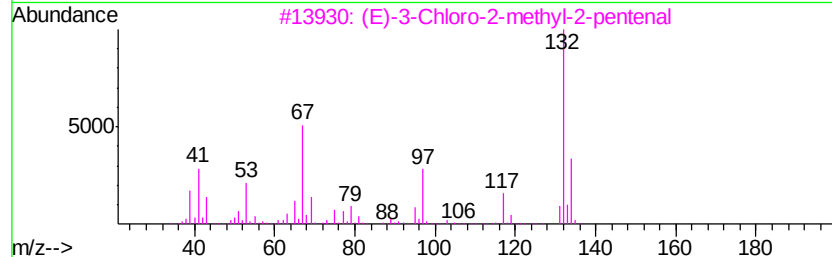
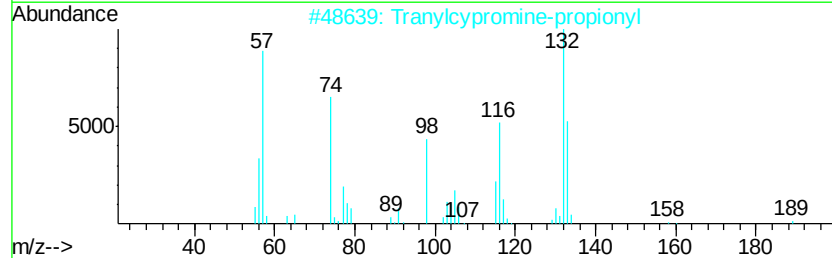
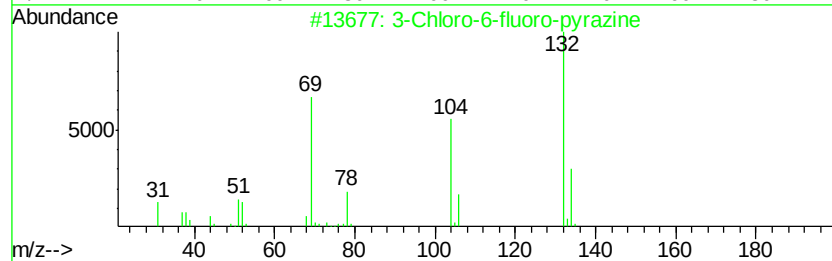
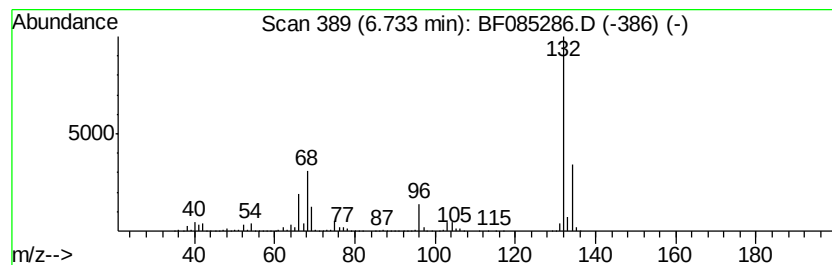
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Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	88.37 ng	3971690	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Xenon	132	Xe	007440-63-3	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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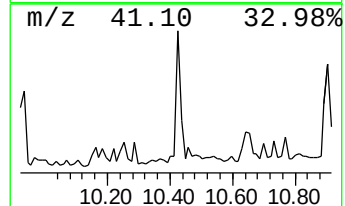
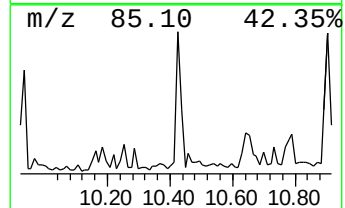
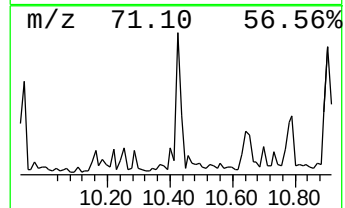
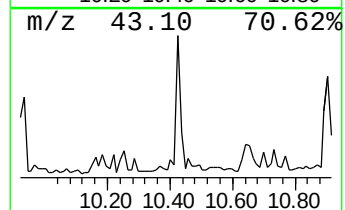
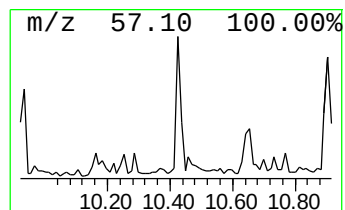
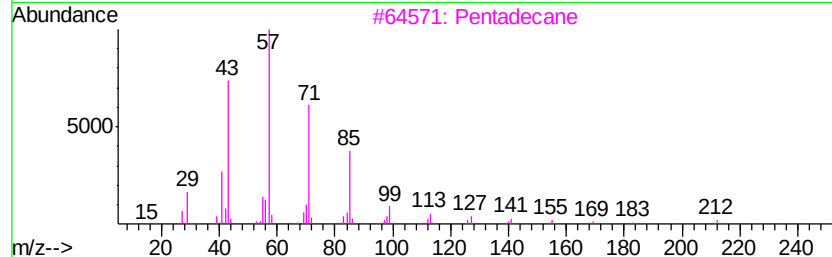
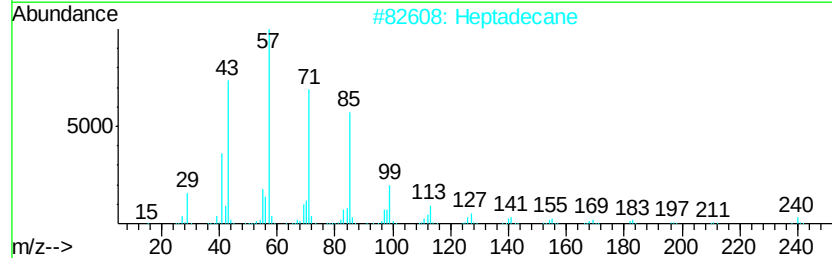
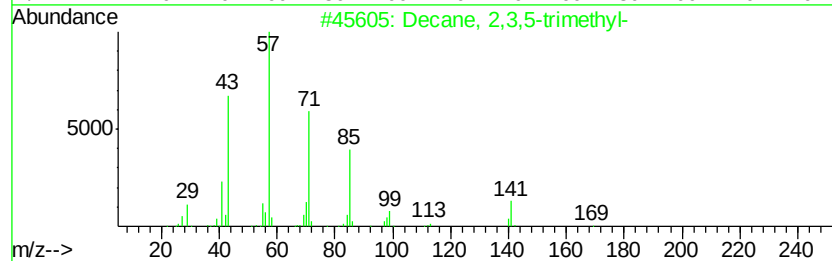
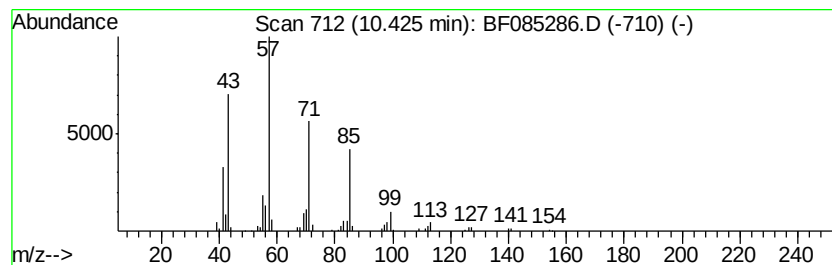
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.42	2.54 ng	156258	Acenaphthene-d10		10.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tetradecane	198	C14H30	000629-59-4	80



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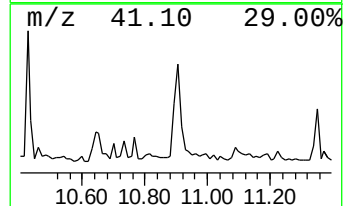
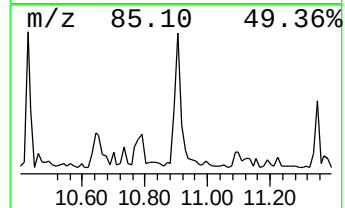
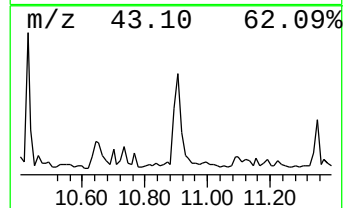
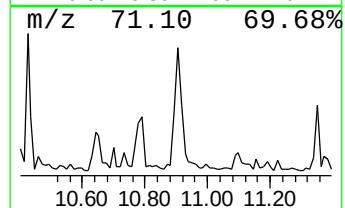
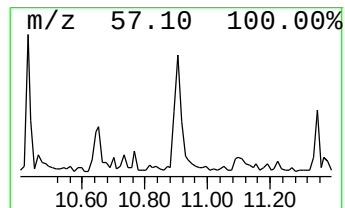
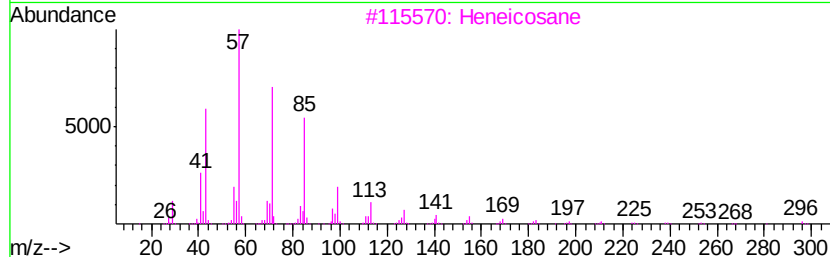
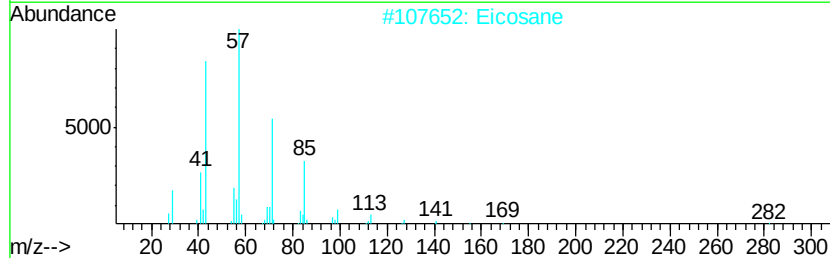
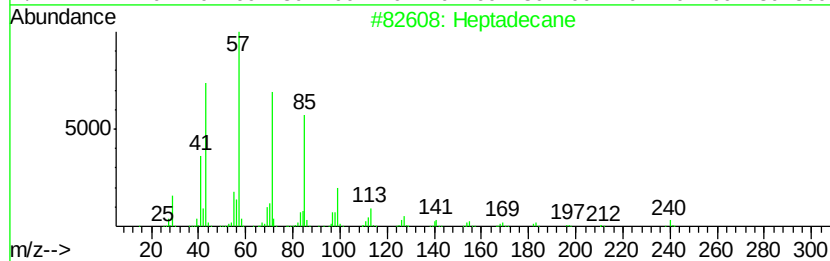
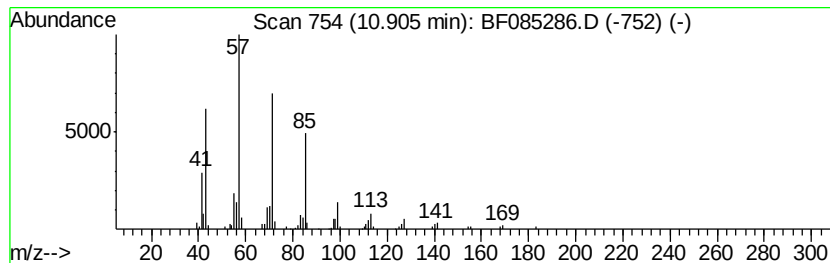
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.90	3.58 ng	205837	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Octadecane	254	C18H38	000593-45-3	91



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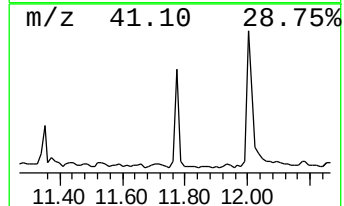
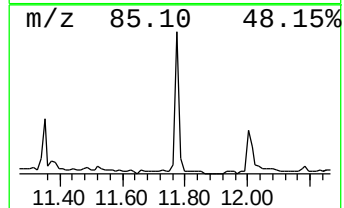
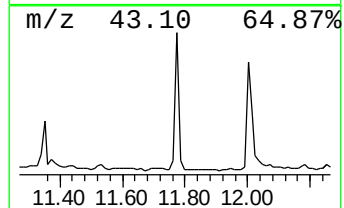
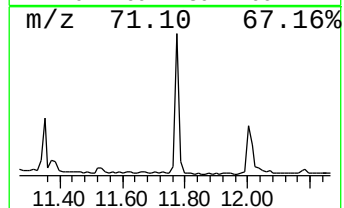
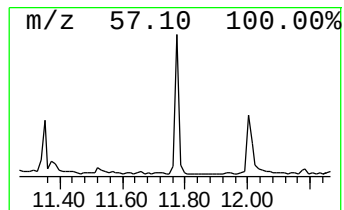
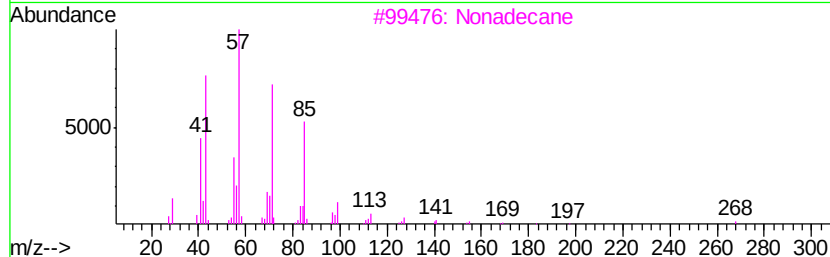
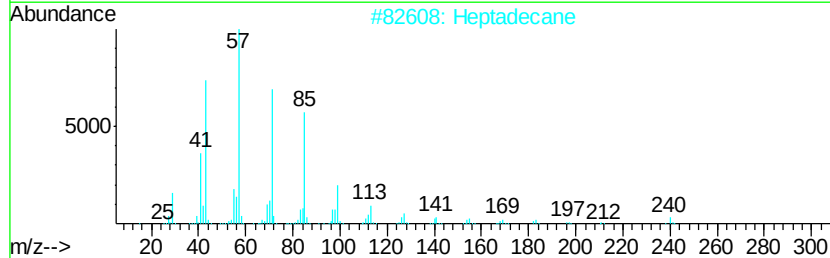
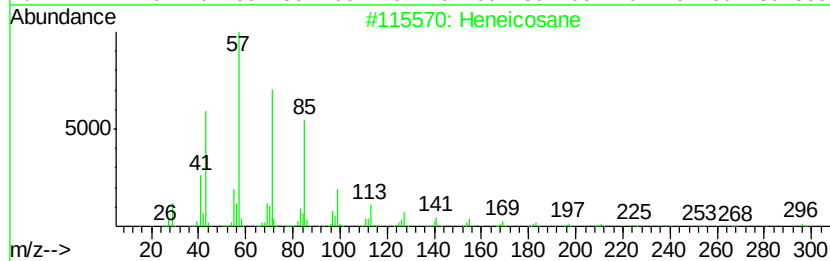
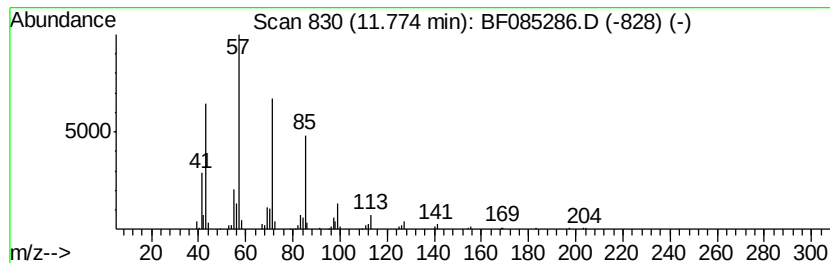
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.82 ng	161815	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane		240	C17H36	000629-78-7	91
3	Nonadecane		268	C19H40	000629-92-5	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	Tetracosane		338	C24H50	000646-31-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085286.D
Acq On : 9 Mar 2016 5:35
Operator : UM/SJ
Sample : H1703-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-53COMP(0.5-2.75)

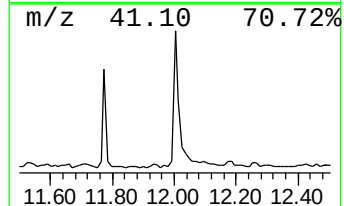
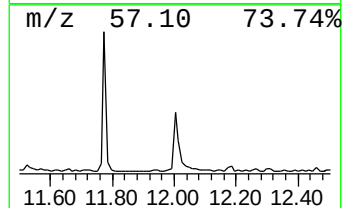
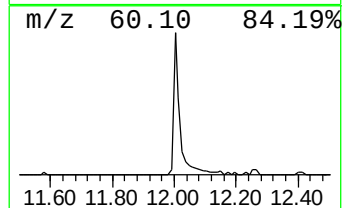
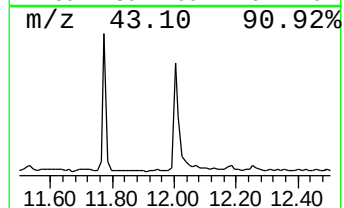
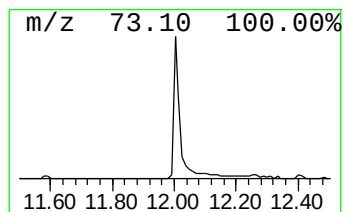
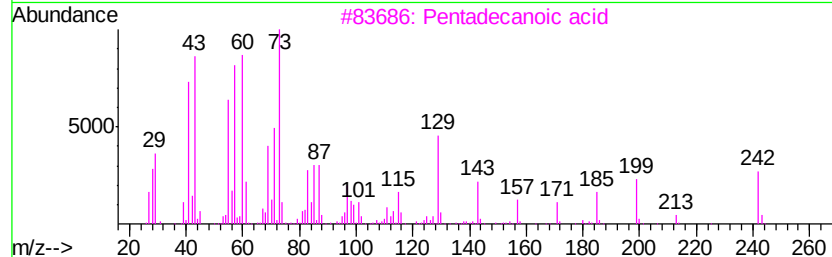
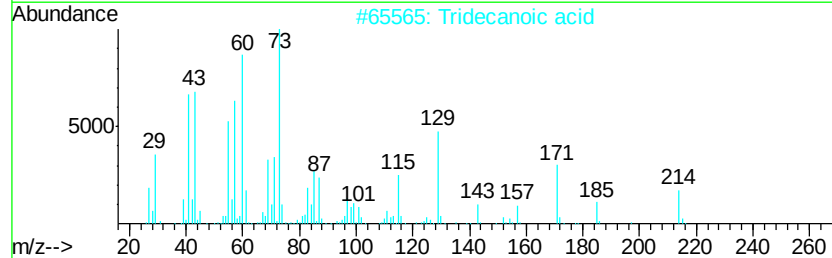
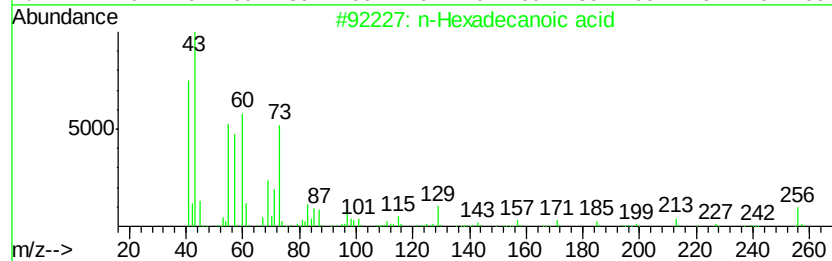
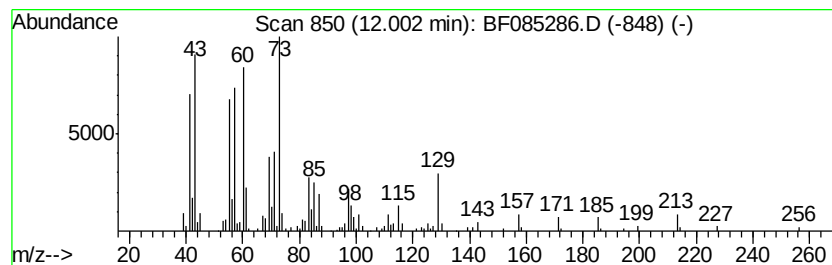
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.30 ng	361842	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	14
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
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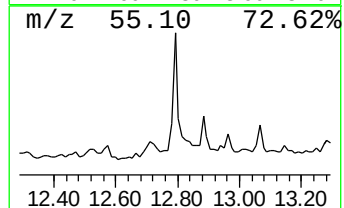
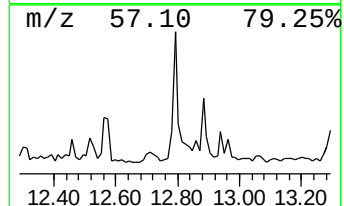
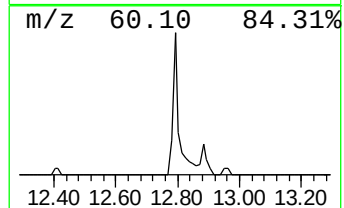
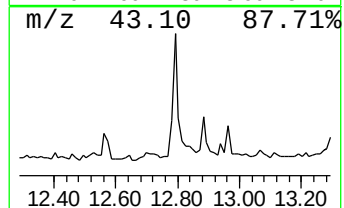
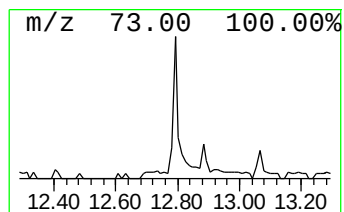
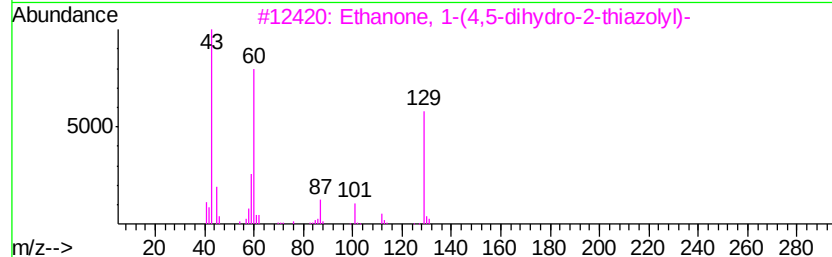
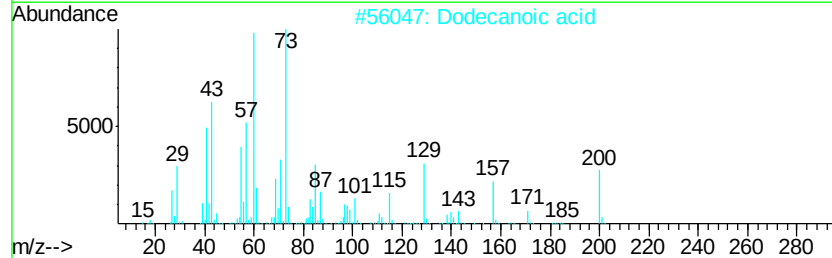
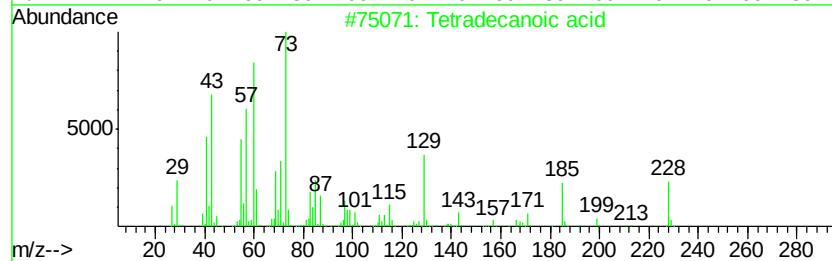
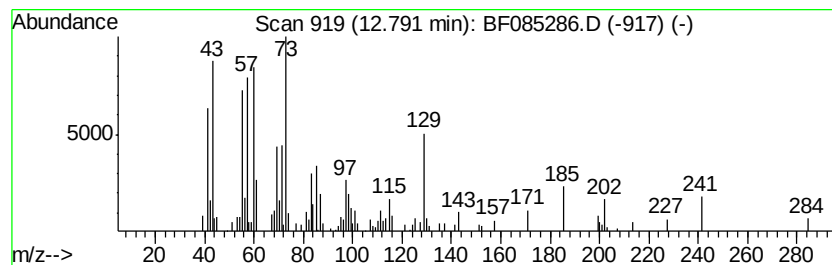
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.79	2.39 ng	137221	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
2	Dodecanoic acid	200	C12H24O2	000143-07-7	74
3	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38
4	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	15
5	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085286.D
Acq On : 9 Mar 2016 5:35
Operator : UM/SJ
Sample : H1703-12
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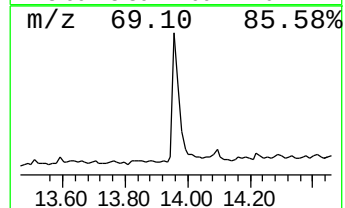
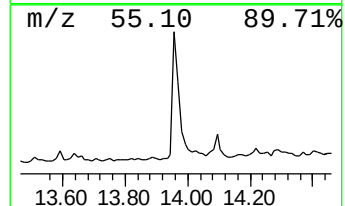
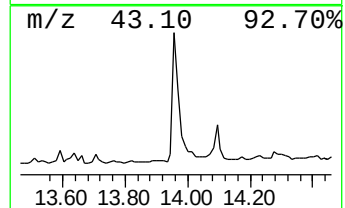
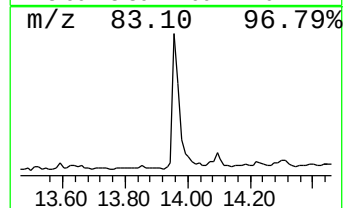
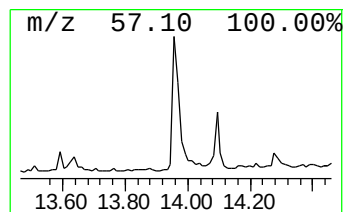
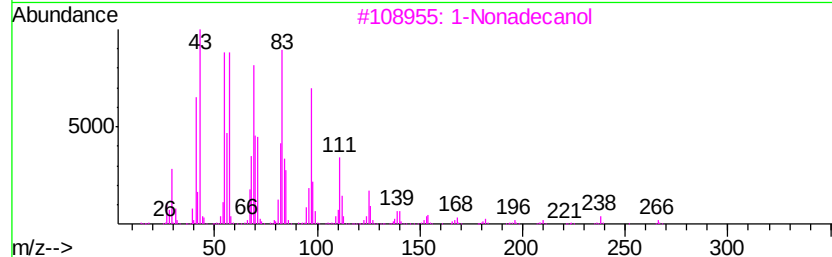
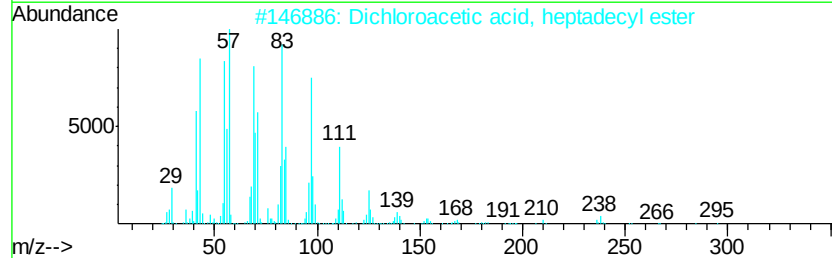
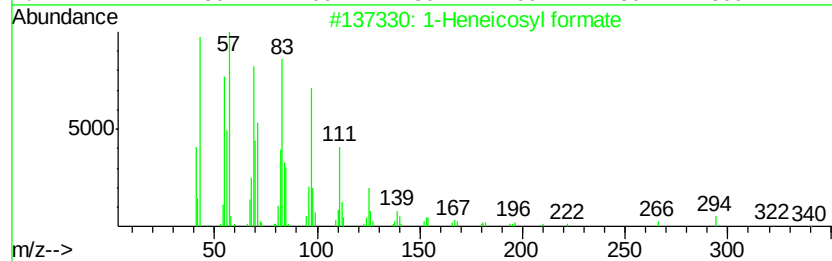
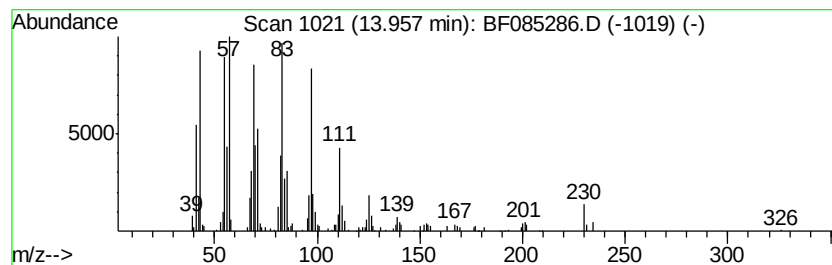
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Heneicosyl formate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	4.63 ng	247544	Chrysene-d12	14.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3		1-Nonadecanol	284	C19H40O	001454-84-8	93
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
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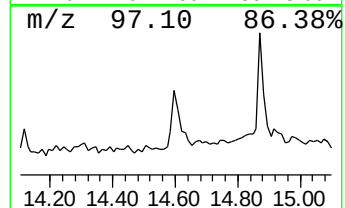
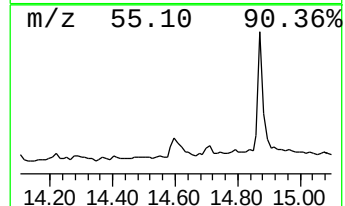
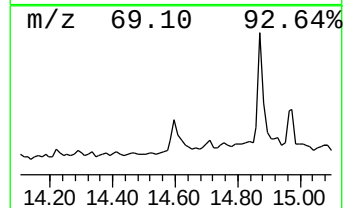
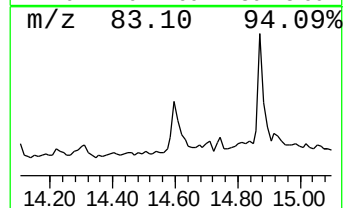
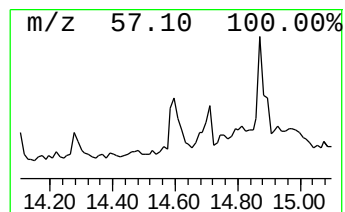
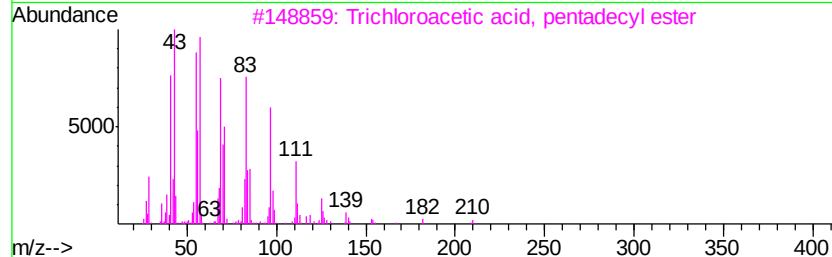
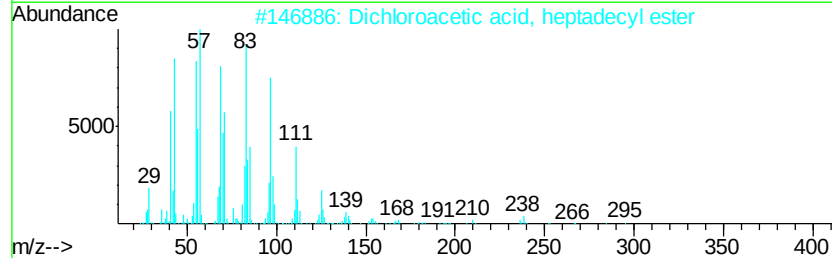
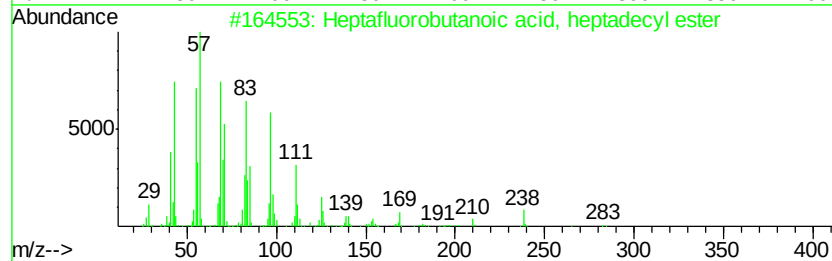
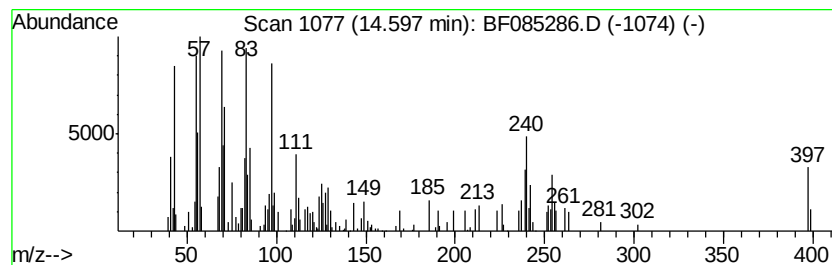
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptafluorobutanoic acid, h... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.60 ng	138882	Chrysene-d12	14.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	76
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	68
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
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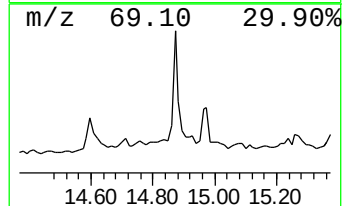
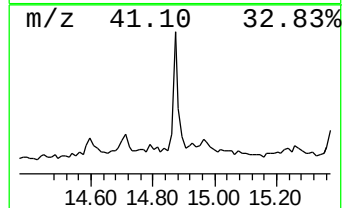
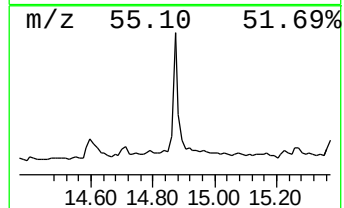
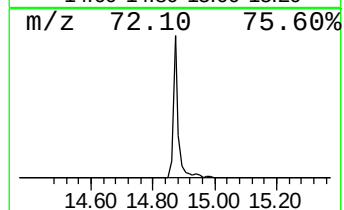
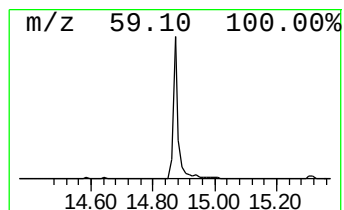
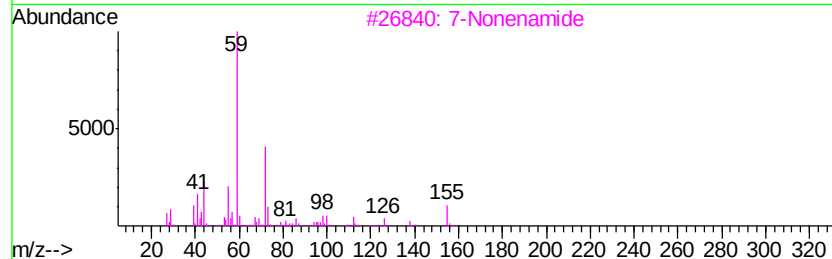
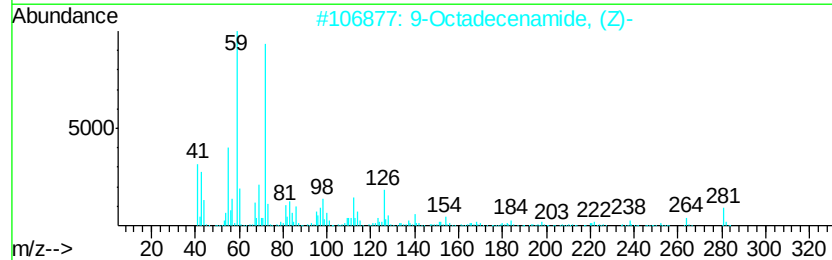
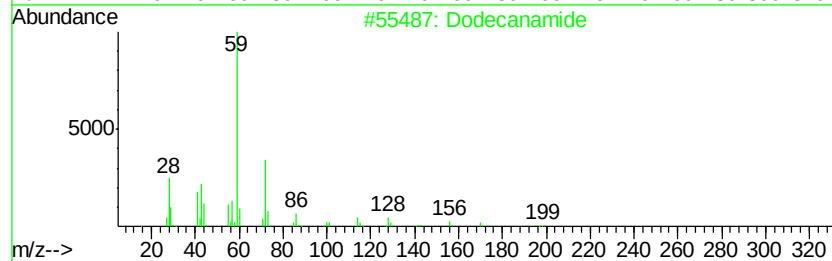
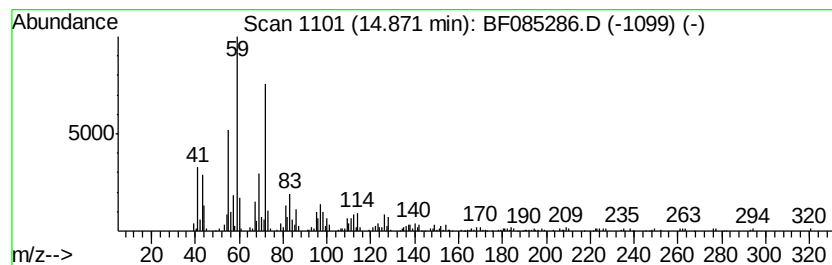
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dodecanamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	7.05 ng	285136	Perylene-d12	15.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanamide	199	C12H25NO	001120-16-7	70
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
3		7-Nonenamide	155	C9H17NO	090949-53-4	47
4		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	43
5		1,1,2-Trimethyl-1-silacyclobutane	114	C6H14Si	030681-90-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085286.D
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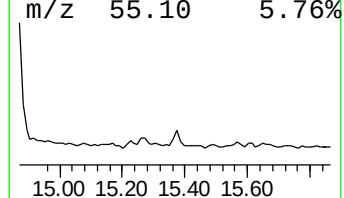
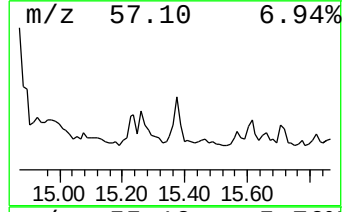
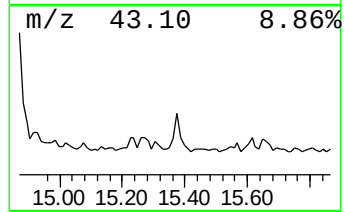
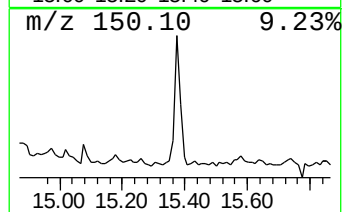
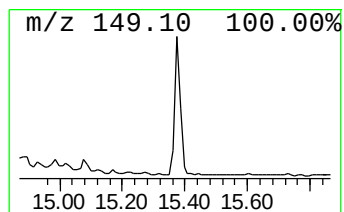
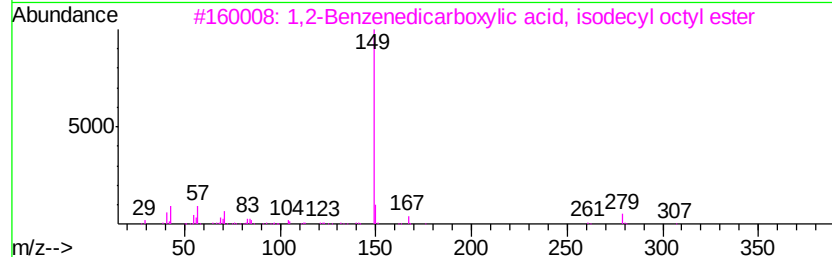
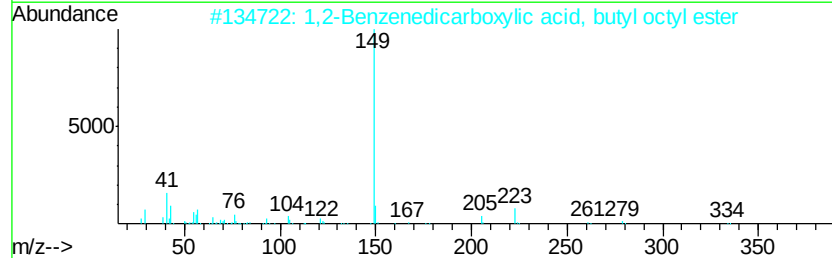
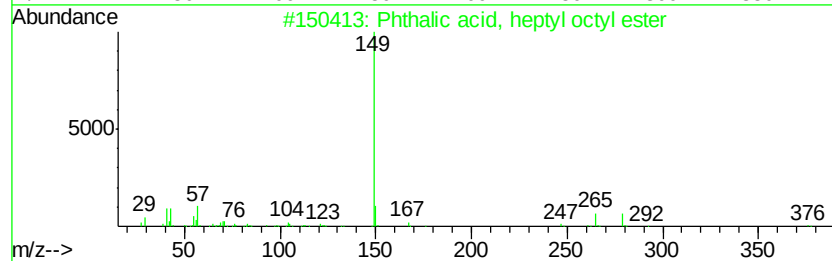
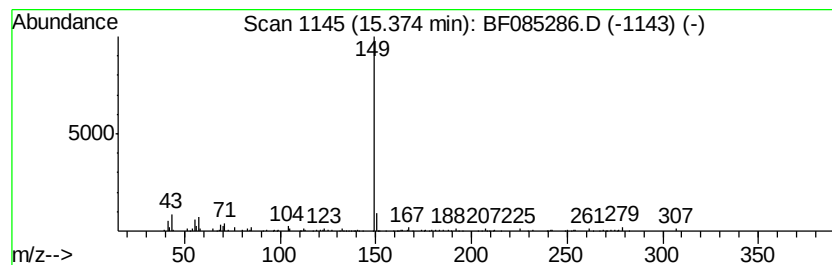
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phthalic acid, heptyl octyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	2.36 ng	95613	Perylene-d12	15.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	80
2		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	56
3		1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	56
4		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-19-0	56
5		Dibutyl phthalate	278	C16H22O4	000084-74-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
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Acq On : 9 Mar 2016 5:35
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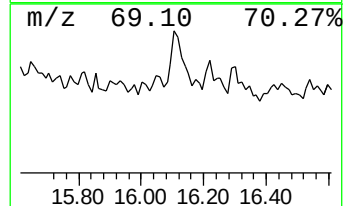
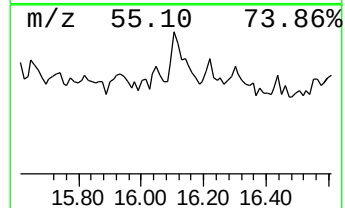
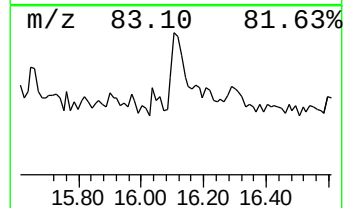
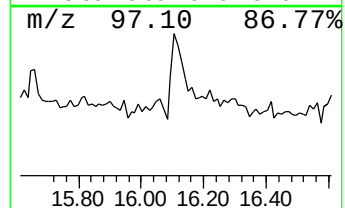
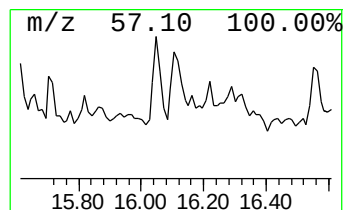
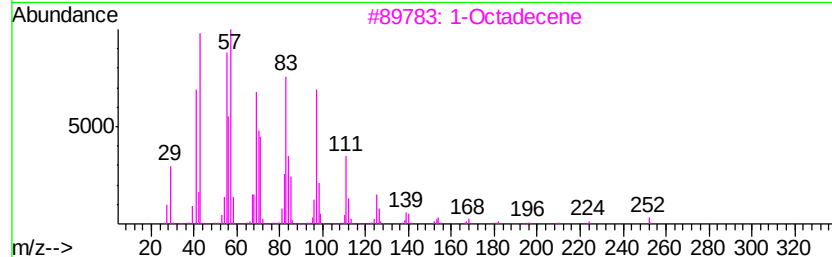
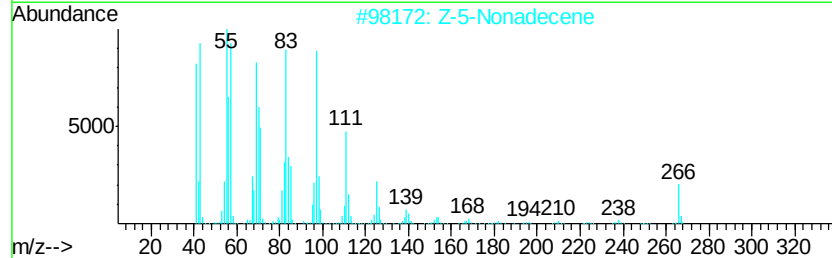
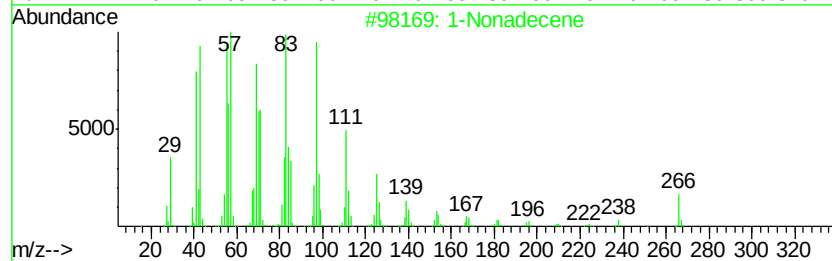
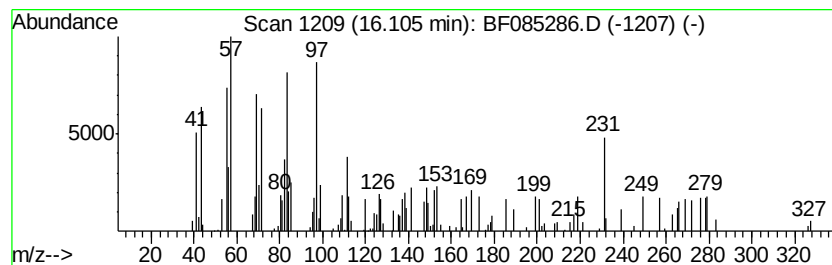
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BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Nonadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.11	2.61 ng	105636	Perylene-d12	15.59	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	70
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	70
3	1-Octadecene	252	C18H36	000112-88-9	52
4	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	52
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085286.D
 Acq On : 9 Mar 2016 5:35
 Operator : UM/SJ
 Sample : H1703-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-53COMP(0.5-2.75)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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...	5.17	21.1 ng		950474	1	6.96	898840	20.0
unknown6.73	6.73	88.4 ng		3971690	1	6.96	898840	20.0
Decane, 2,3,5-tri...	10.42	2.5 ng		156258	3	10.00	1230290	20.0
Heptadecane	10.90	3.6 ng		205837	4	11.49	1149240	20.0
Heneicosane	11.77	2.8 ng		161815	4	11.49	1149240	20.0
n-Hexadecanoic acid	12.00	6.3 ng		361842	4	11.49	1149240	20.0
Tetradecanoic acid	12.79	2.4 ng		137221	4	11.49	1149240	20.0
1-Heneicosyl formate	13.96	4.6 ng		247544	5	14.12	1070160	20.0
Heptafluorobutano...	14.60	2.6 ng		138882	5	14.12	1070160	20.0
Dodecanamide	14.87	7.0 ng		285136	6	15.59	808804	20.0
Phthalic acid, he...	15.37	2.4 ng		95613	6	15.59	808804	20.0
1-Nonadecene	16.11	2.6 ng		105636	6	15.59	808804	20.0