

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086057.D
 Acq On : 5 Apr 2016 00:29
 Operator : UM/SJ
 Sample : H2104-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

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-BF040216.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	4.933	247	249	259	rBV	141534	205964	8.03%	0.926%
2	5.367	284	287	289	rBV	2177374	2309139	90.05%	10.379%
3	6.418	376	379	381	rBV	1845436	2431806	94.83%	10.930%
4	6.533	387	389	392	rBV	2378704	2193022	85.52%	9.857%
5	6.761	407	409	412	rBV	701607	612932	23.90%	2.755%
6	6.921	420	423	425	rBV	1998564	1958276	76.37%	8.802%
7	7.333	456	459	461	rBV	1581197	1472902	57.44%	6.620%
8	8.053	519	522	524	rBV	618738	735846	28.70%	3.307%
9	9.127	613	616	618	rBV	2795463	2564275	100.00%	11.526%
10	9.527	648	651	653	rBV	172814	231554	9.03%	1.041%
11	9.733	667	669	673	rBV	55813	50212	1.96%	0.226%
12	9.802	673	675	677	rBV	822894	714571	27.87%	3.212%
13	9.973	686	690	693	rBV3	10739	29997	1.17%	0.135%
14	10.236	709	713	714	rBV	101462	90650	3.54%	0.407%
15	10.453	729	732	735	rBV	31966	51405	2.00%	0.231%
16	10.590	741	744	747	rBV	1312929	1194871	46.60%	5.371%
17	10.705	752	754	759	rVB	109201	120135	4.68%	0.540%
18	11.150	792	793	795	rBV	38144	33860	1.32%	0.152%
19	11.288	803	805	806	rBV	531923	611752	23.86%	2.750%
20	11.310	806	807	809	rVB	56596	44123	1.72%	0.198%
21	11.813	850	851	857	rBV	80395	91418	3.57%	0.411%
22	12.499	908	911	913	rBV	75329	105135	4.10%	0.473%
23	12.602	917	920	923	rVV3	18641	33862	1.32%	0.152%
24	12.716	927	930	934	rVV	68304	121520	4.74%	0.546%
25	12.865	940	943	946	rBV	1894066	1774428	69.20%	7.975%
26	13.048	955	959	961	rBV	14875	30089	1.17%	0.135%
27	13.436	990	993	996	rBV	16010	37745	1.47%	0.170%
28	13.756	1019	1021	1027	rBV2	110369	199599	7.78%	0.897%
29	13.916	1032	1035	1039	rBV	600116	664500	25.91%	2.987%
30	14.031	1042	1045	1047	rBV4	25599	52641	2.05%	0.237%
31	14.076	1047	1049	1053	rBV2	19199	39199	1.53%	0.176%
32	14.385	1074	1076	1080	rBV2	34824	84111	3.28%	0.378%
33	14.659	1098	1100	1106	rBV	401443	470928	18.36%	2.117%
34	14.808	1112	1113	1117	rVB	53696	67156	2.62%	0.302%

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Sampling : 1 Min Area: 3 % of largest Peak
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35	14.934	1122	1124	1127	rBV	41252	84674	3.30%	0.381%
36	14.991	1127	1129	1130	rBV	49854	53149	2.07%	0.239%
37	15.322	1156	1158	1164	rVB	346022	473159	18.45%	2.127%
38	15.517	1173	1175	1180	rBV2	37185	65840	2.57%	0.296%
39	15.734	1191	1194	1197	rBV	83651	142157	5.54%	0.639%

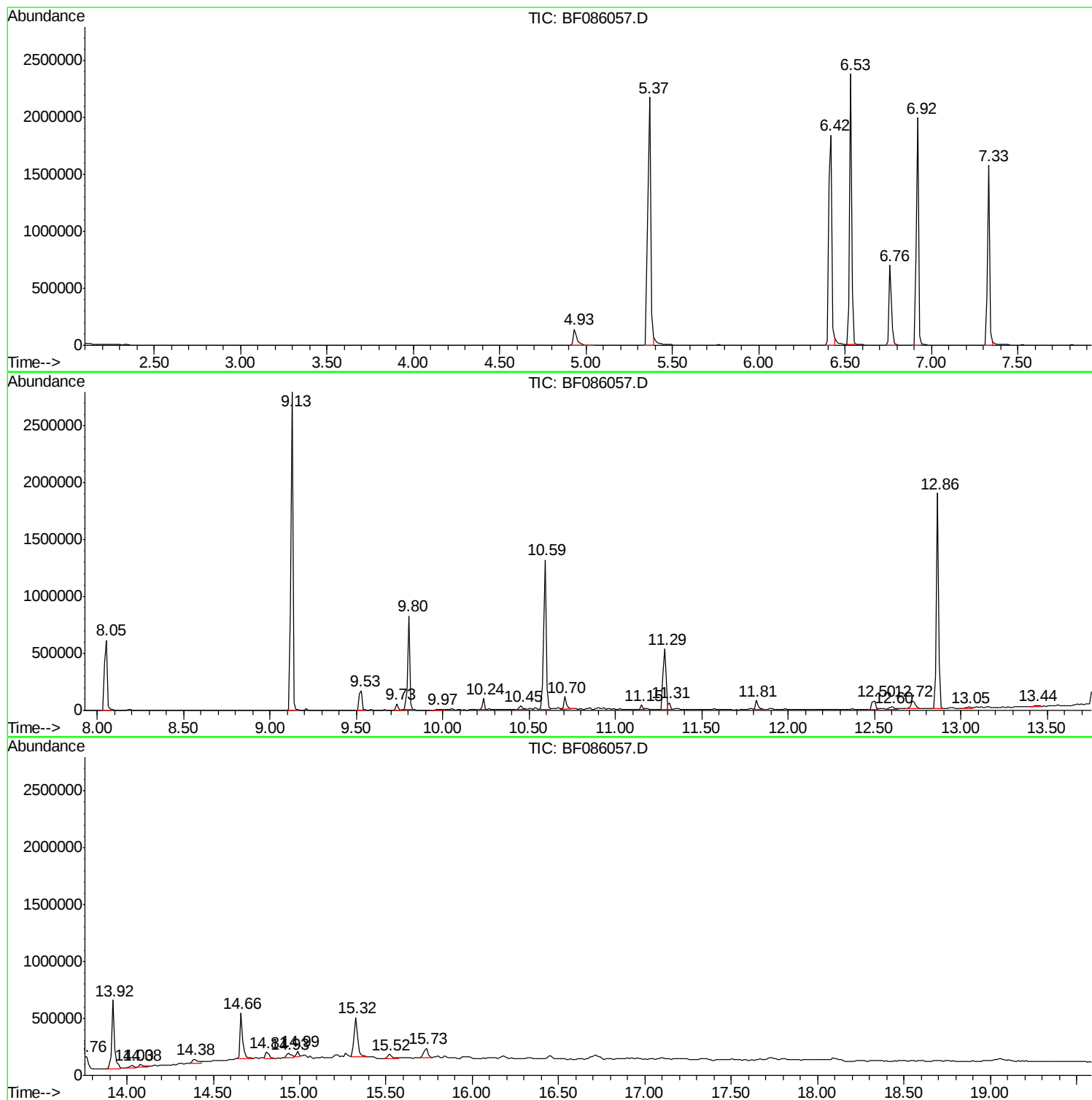
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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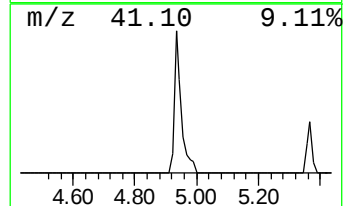
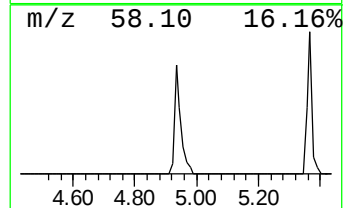
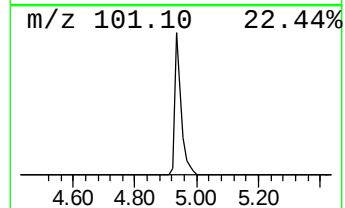
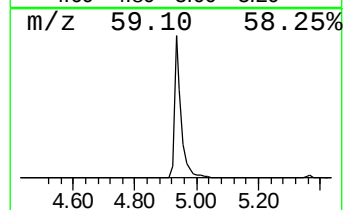
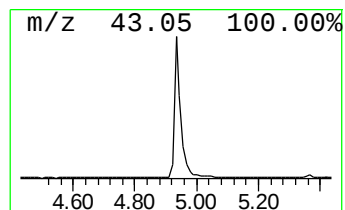
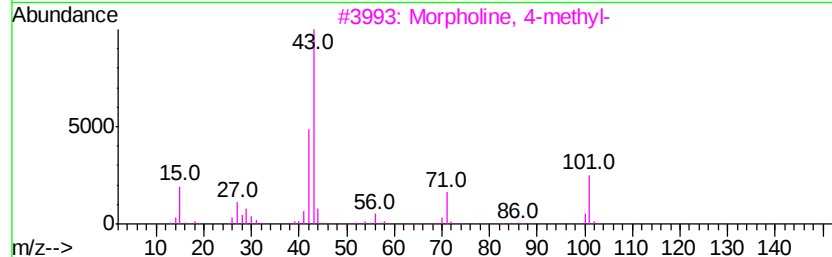
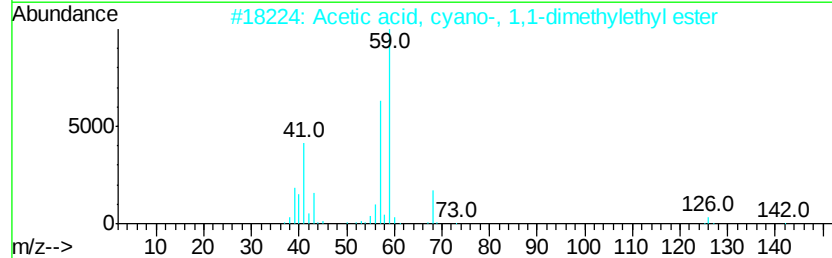
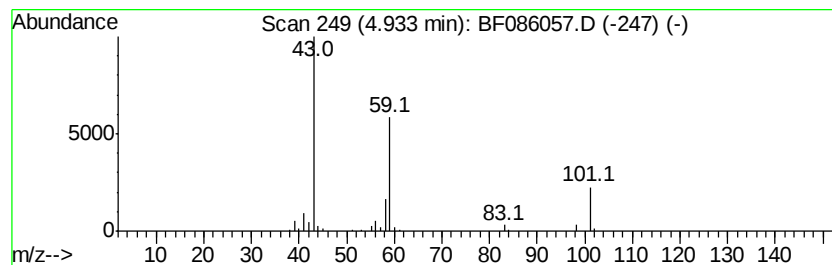
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	6.72 ng	205964	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	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		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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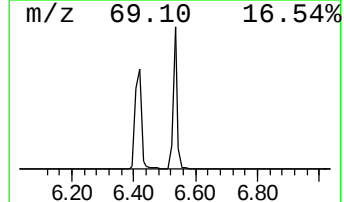
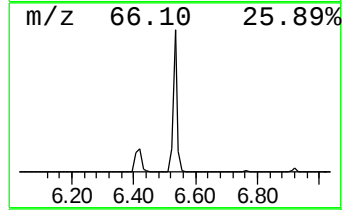
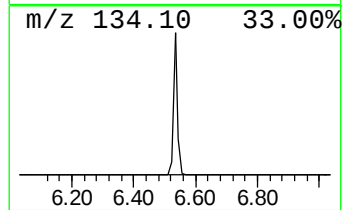
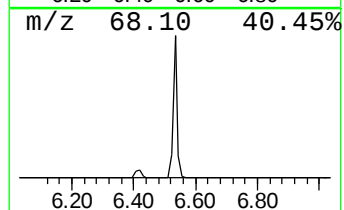
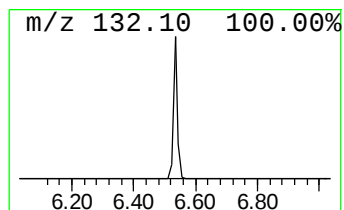
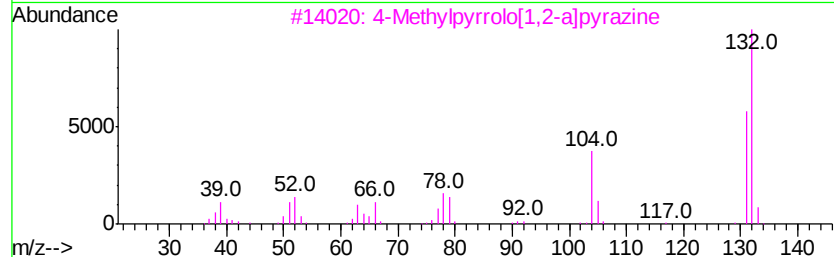
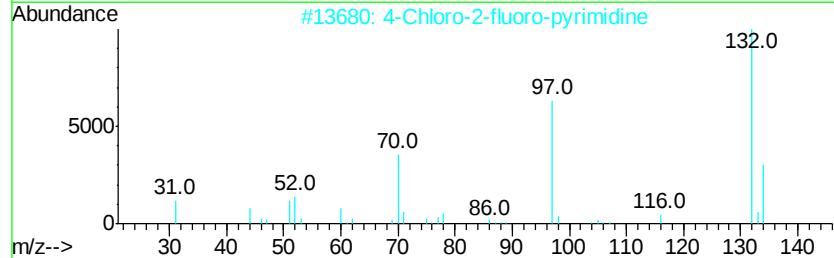
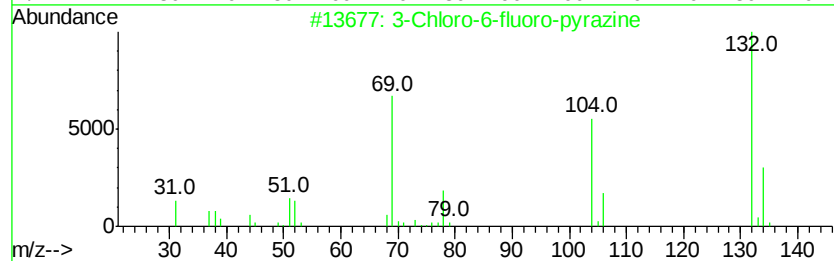
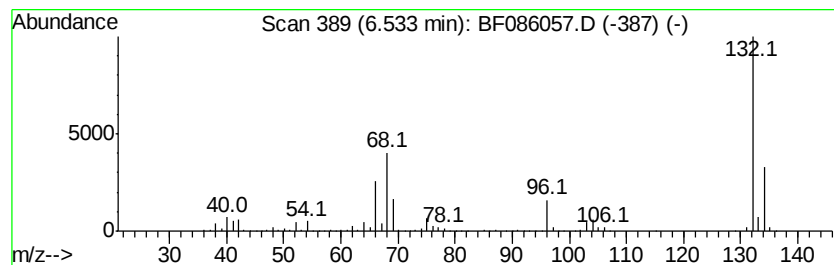
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Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	71.56 ng	2193020	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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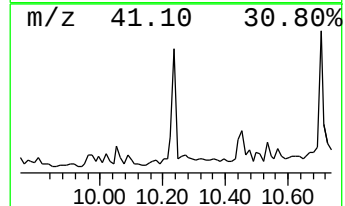
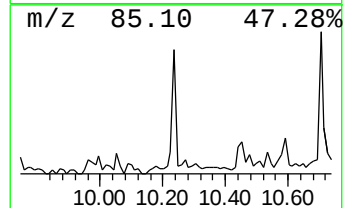
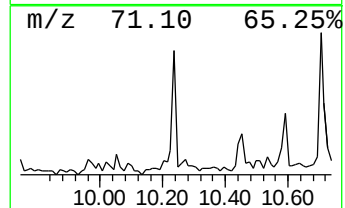
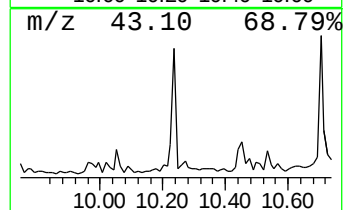
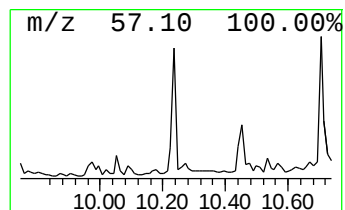
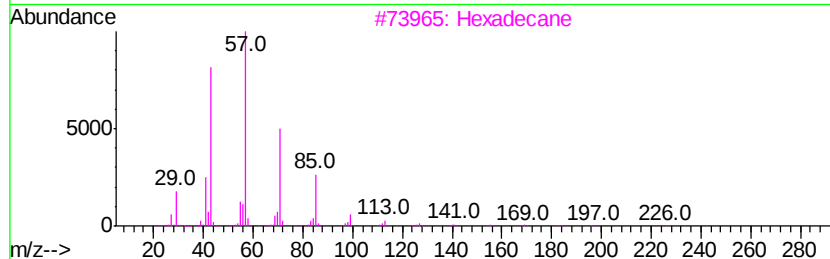
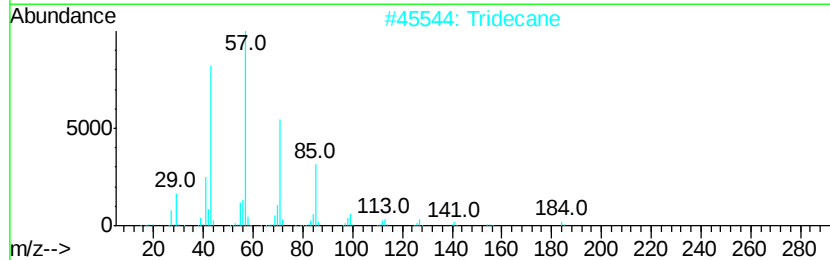
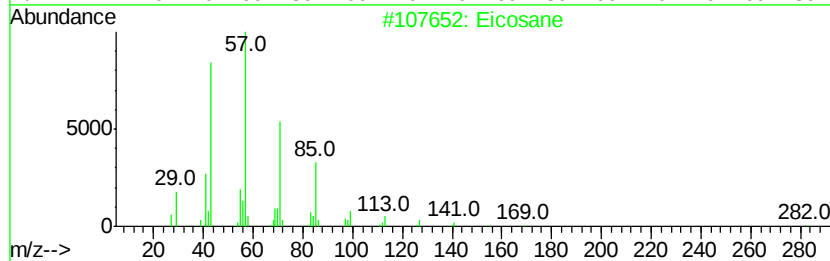
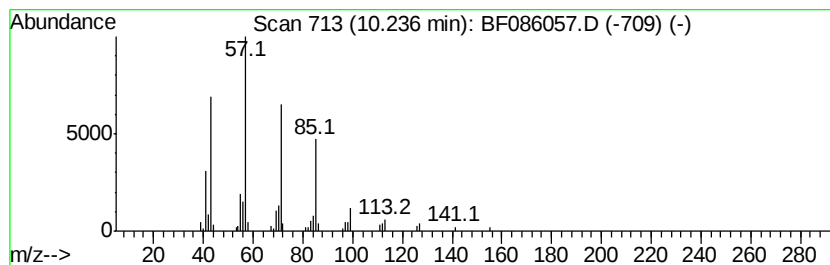
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	2.54 ng	90650	Acenaphthene-d10	9.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	91
2	Tridecane	184 C13H28	000629-50-5	90
3	Hexadecane	226 C16H34	000544-76-3	90
4	Heneicosane	296 C21H44	000629-94-7	90
5	Tetradecane	198 C14H30	000629-59-4	87



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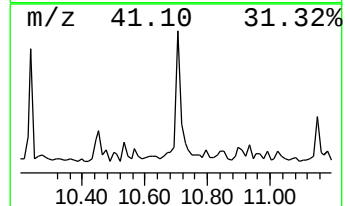
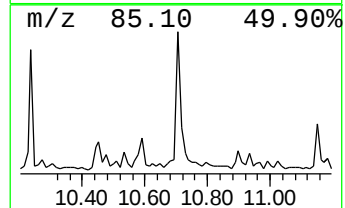
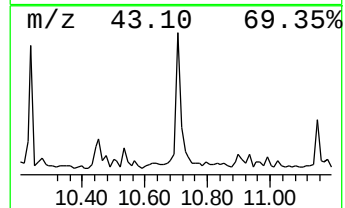
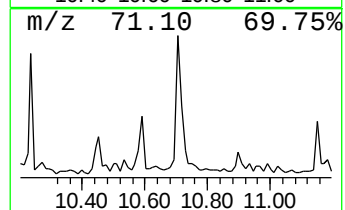
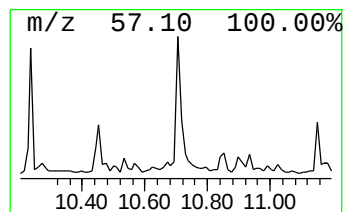
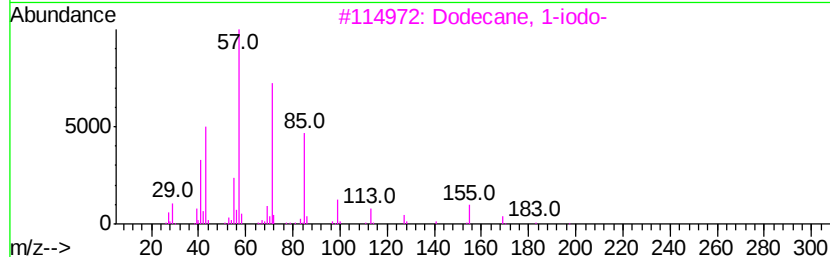
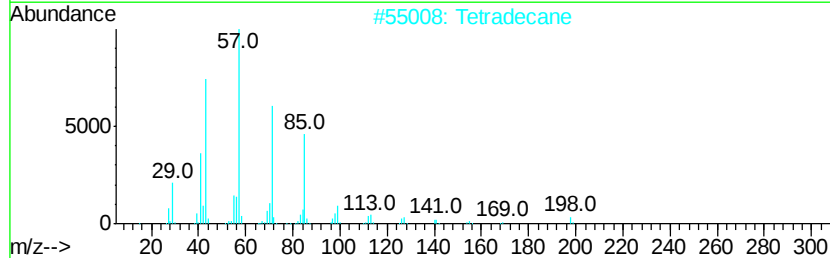
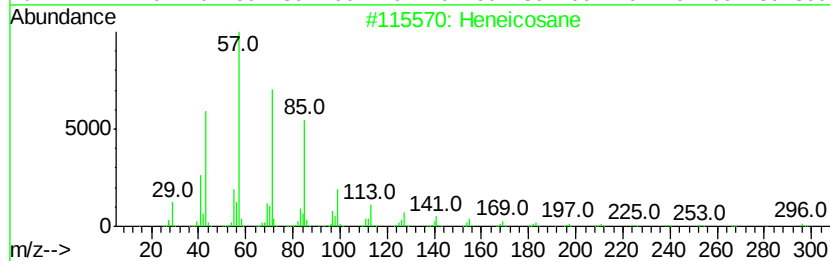
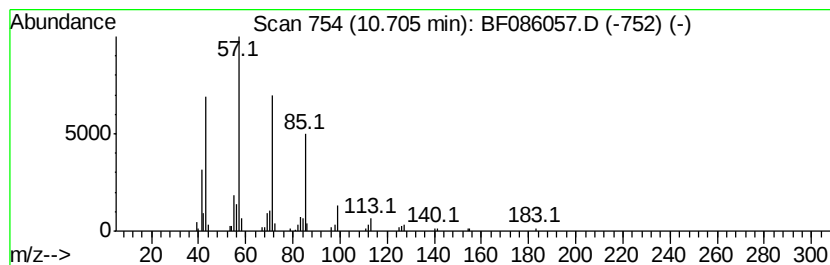
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	3.93 ng	120135	Phenanthrene-d10	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Tetradecane		198	C14H30	000629-59-4	86
3	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
4	Heptadecane		240	C17H36	000629-78-7	83
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80



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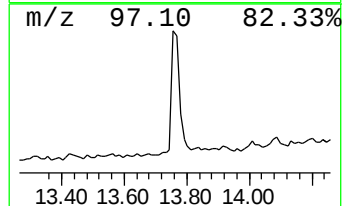
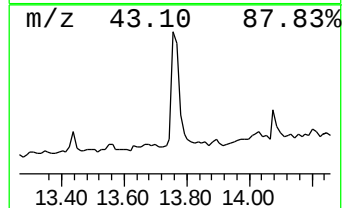
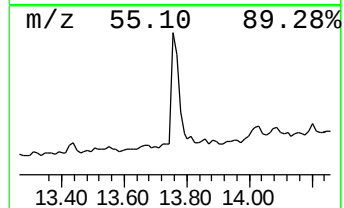
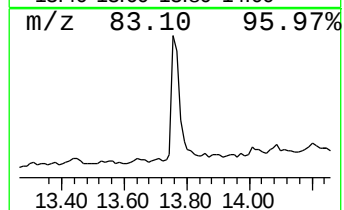
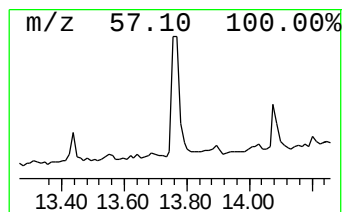
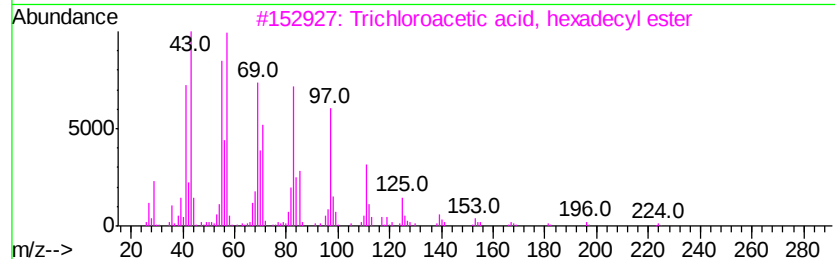
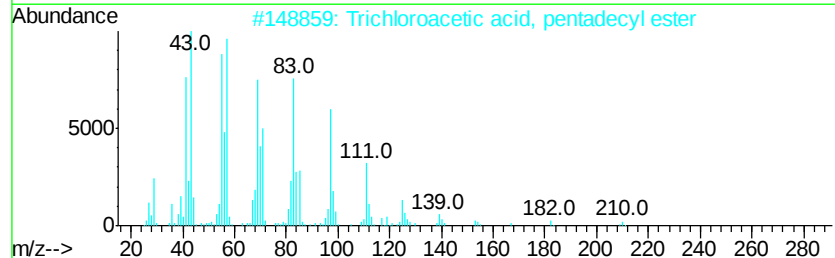
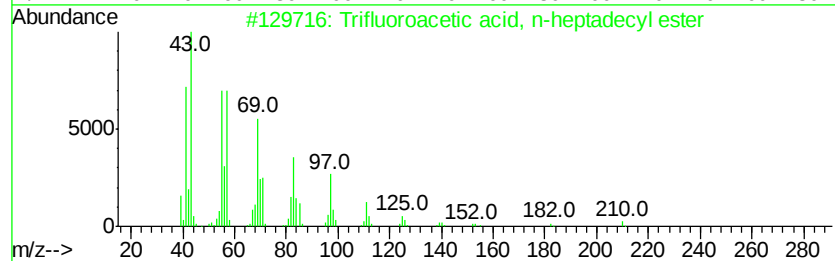
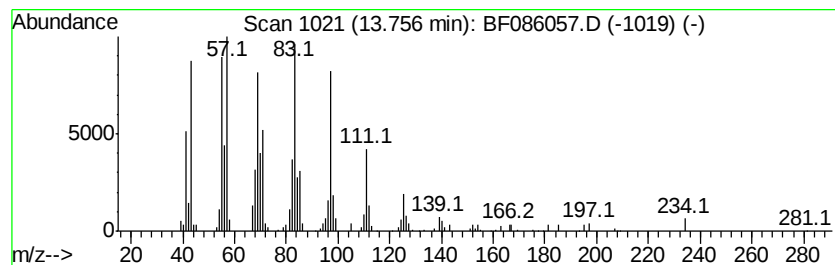
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Peak Number 7 Trifluoroacetic acid, n-hep... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	6.01 ng	199599	Chrysene-d12	13.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	94
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4			1-Nonadecene	266	C19H38	018435-45-5	91
5			11-Tricosene	322	C23H46	052078-56-5	91



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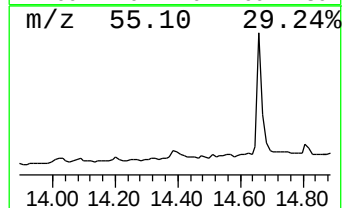
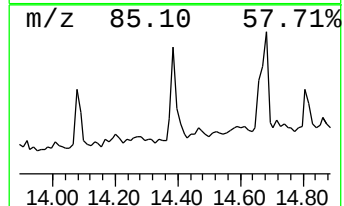
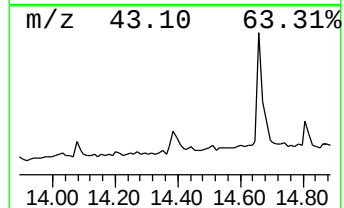
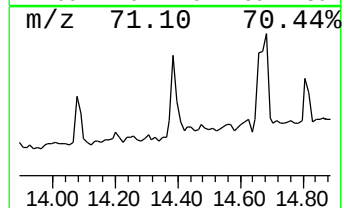
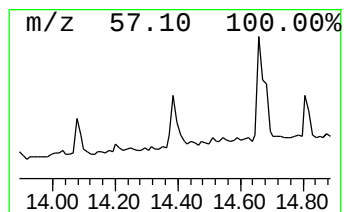
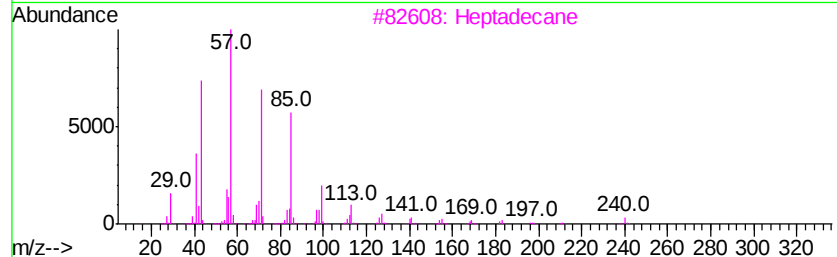
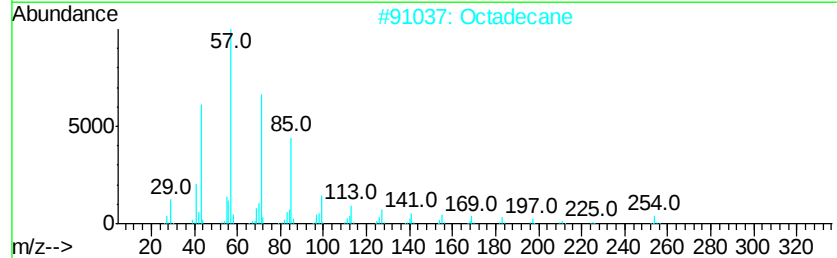
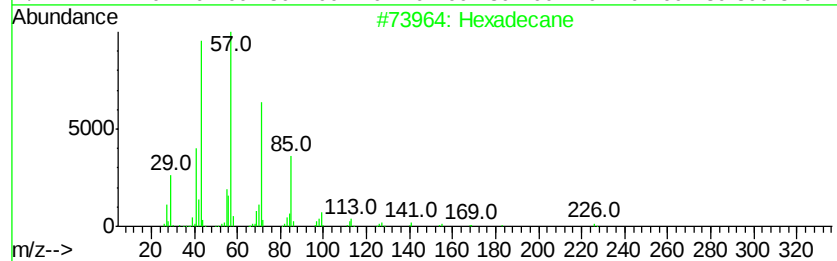
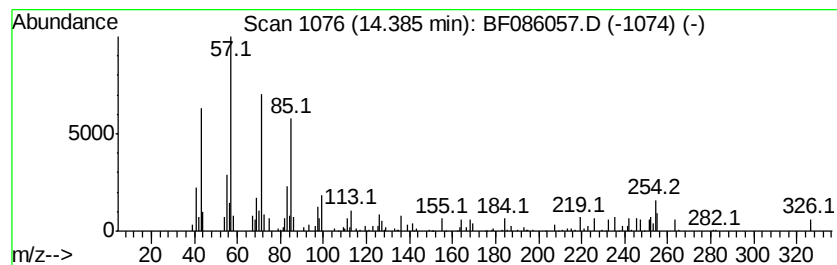
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	2.53 ng	84111	Chrysene-d12	13.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Octadecane		254	C18H38	000593-45-3	62
3	Heptadecane		240	C17H36	000629-78-7	49
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	49
5	Eicosane, 10-methyl-		296	C21H44	054833-23-7	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086057.D
Acq On : 5 Apr 2016 00:29
Operator : UM/SJ
Sample : H2104-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

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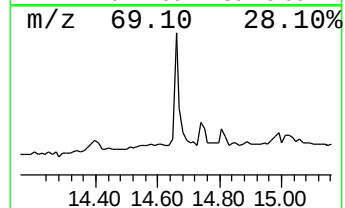
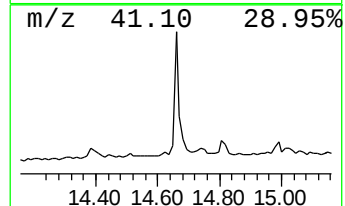
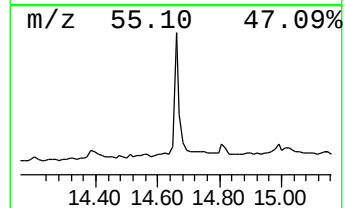
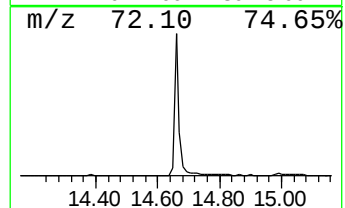
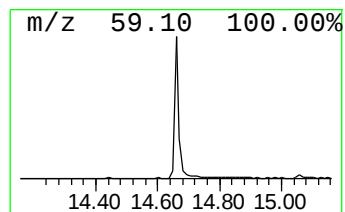
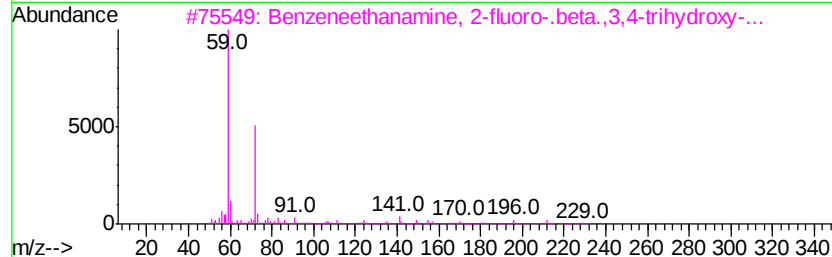
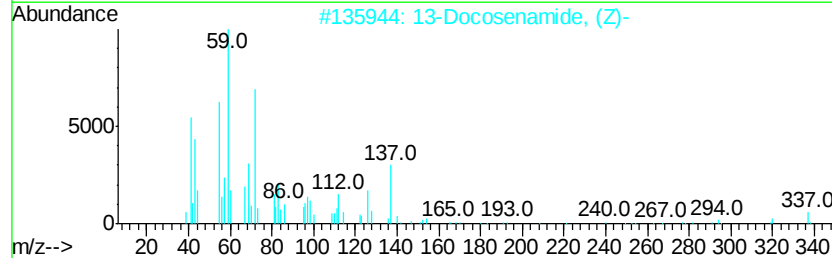
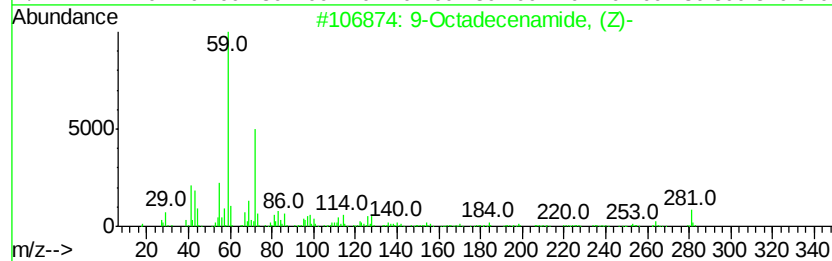
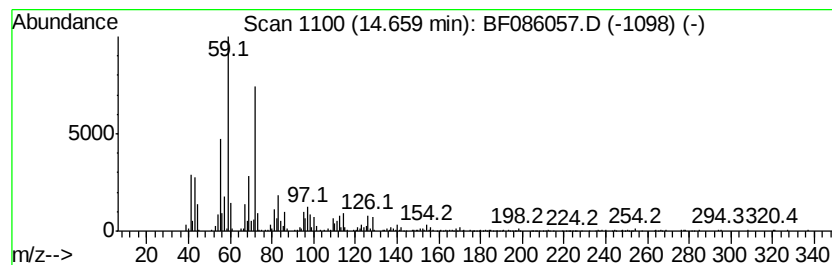
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	19.91 ng	470928	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
3		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	64
4		Decanamide-	171	C10H21NO	002319-29-1	56
5		Hexadecanamide	255	C16H33NO	000629-54-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
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Operator : UM/SJ
Sample : H2104-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

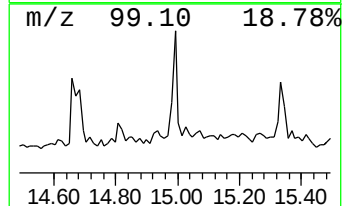
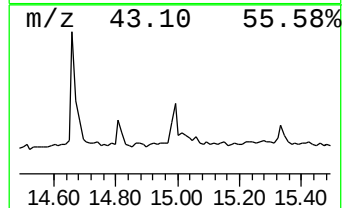
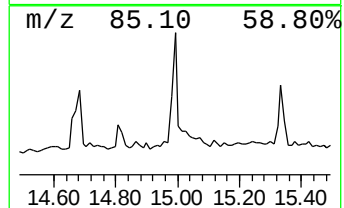
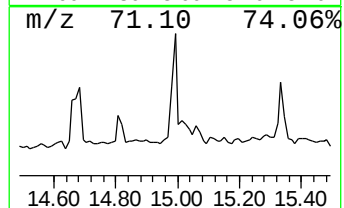
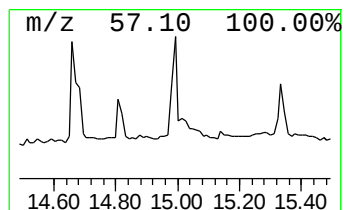
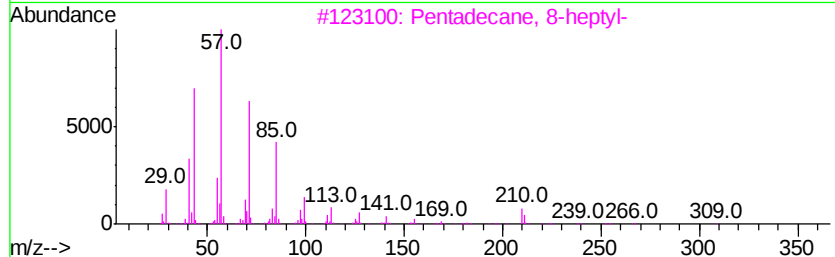
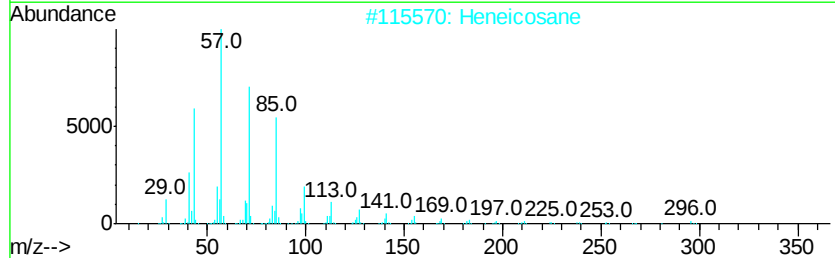
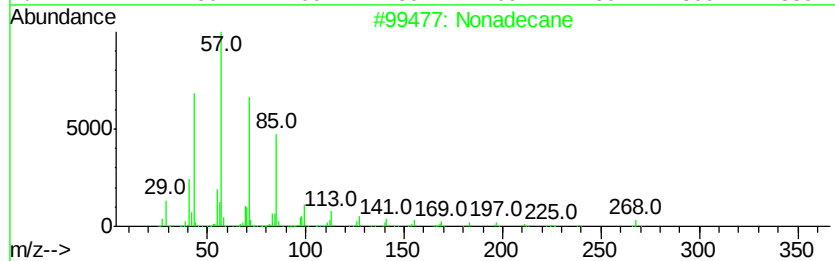
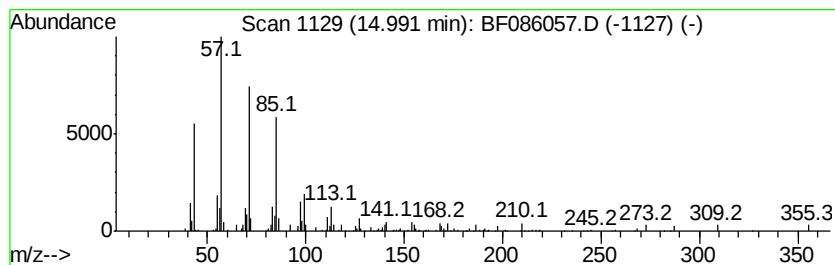
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.25 ng	53149	Perylene-d12	15.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane	268 C19H40	000629-92-5	87
2	Heneicosane	296 C21H44	000629-94-7	87
3	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	86
4	Eicosane	282 C20H42	000112-95-8	86
5	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086057.D
Acq On : 5 Apr 2016 00:29
Operator : UM/SJ
Sample : H2104-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

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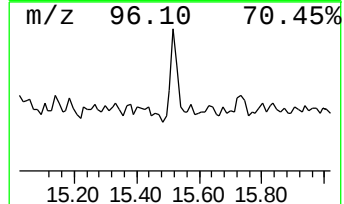
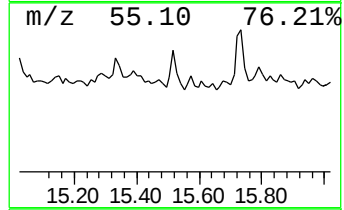
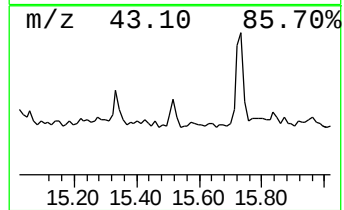
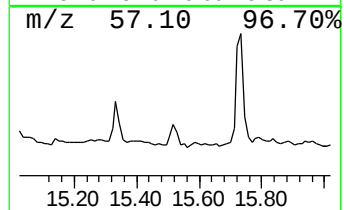
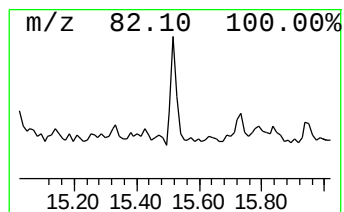
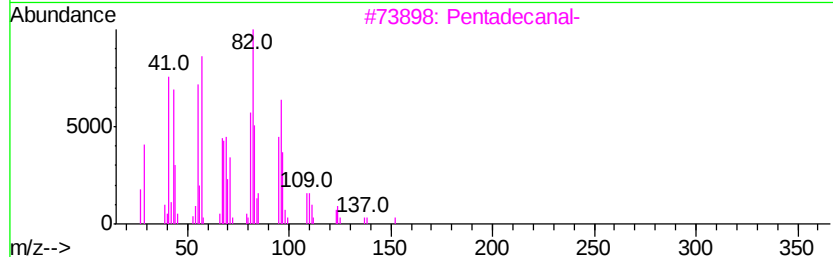
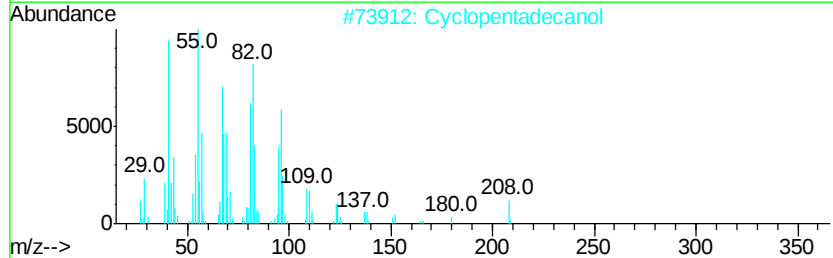
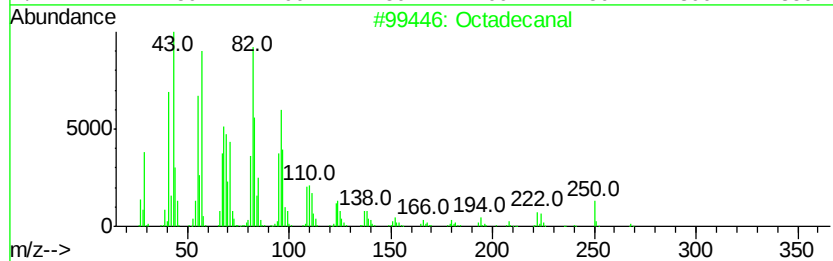
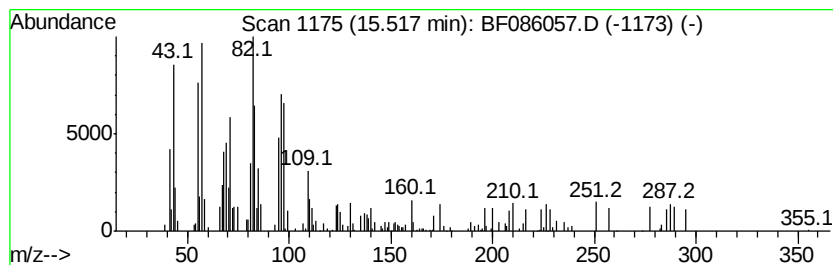
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	2.78 ng	65840	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	72
2		Cyclopentadecanol	226	C15H30O	004727-17-7	58
3		Pentadecanal-	226	C15H30O	002765-11-9	58
4		1,15-Pentadecanediol	244	C15H32O2	014722-40-8	53
5		Z-8-Tetradecen-1-yl acetate	254	C16H30O2	035835-80-4	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
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Operator : UM/SJ
Sample : H2104-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

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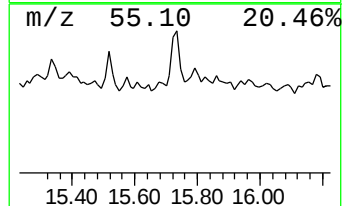
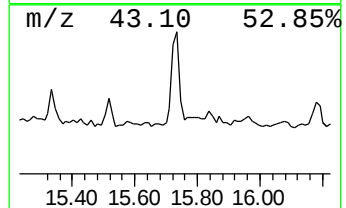
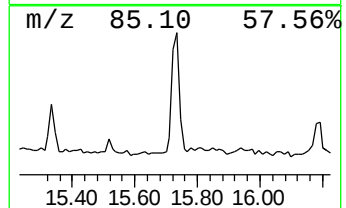
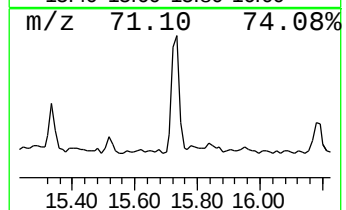
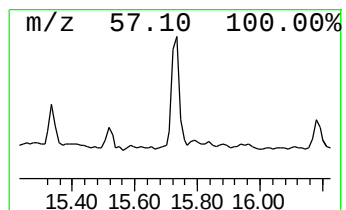
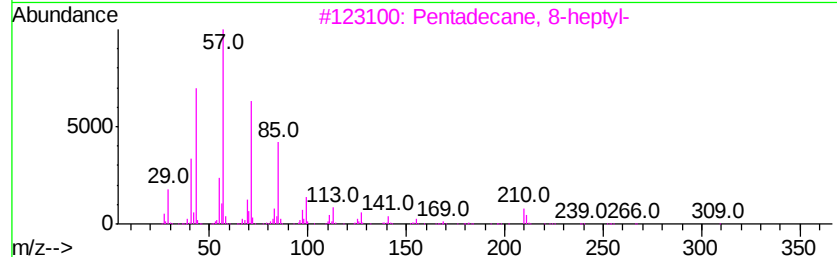
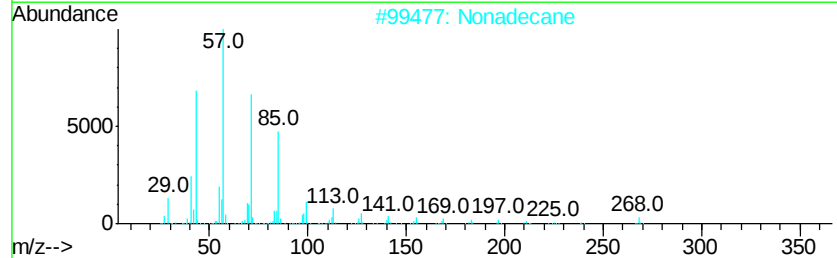
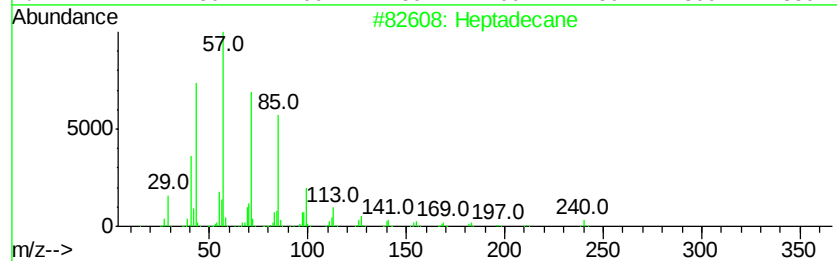
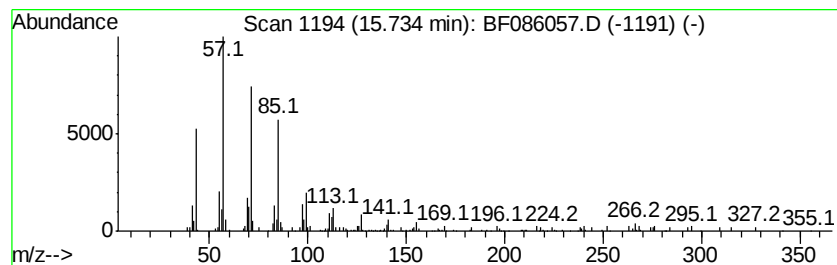
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	6.01 ng	142157	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	Pentadecane, 8-heptvl-	310	C22H46	071005-15-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086057.D
 Acq On : 5 Apr 2016 00:29
 Operator : UM/SJ
 Sample : H2104-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.53	6.53	71.6	ng	2193020	1	6.76	612932	20.0
Eicosane	10.24	2.5	ng	90650	3	9.80	714571	20.0
Heneicosane	10.70	3.9	ng	120135	4	11.29	611752	20.0
Trifluoroacetic a...	13.76	6.0	ng	199599	5	13.92	664500	20.0
Hexadecane	14.39	2.5	ng	84111	5	13.92	664500	20.0
9-Octadecenamide, ...	14.66	19.9	ng	470928	6	15.32	473159	20.0
Nonadecane	14.99	2.3	ng	53149	6	15.32	473159	20.0
Octadecanal	15.52	2.8	ng	65840	6	15.32	473159	20.0
Heptadecane	15.73	6.0	ng	142157	6	15.32	473159	20.0