

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086455.D
 Acq On : 28 Apr 2016 6:12
 Operator : UM/SJ
 Sample : H2707-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)

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-BF042716.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	4.990	252	254	260	rBV	101732	178009	3.99%	0.514%
2	5.401	287	290	293	rBV	3499582	4075066	91.29%	11.763%
3	6.442	378	381	384	rBV	3074414	4353760	97.53%	12.568%
4	6.579	390	393	395	rBV	3749639	4464097	100.00%	12.886%
5	6.807	411	413	415	rBV	857370	837441	18.76%	2.417%
6	6.967	424	427	429	rBV	2525291	3303747	74.01%	9.537%
7	7.367	459	462	465	rBV	1940254	2462399	55.16%	7.108%
8	7.470	469	471	479	rVB	54546	118883	2.66%	0.343%
9	8.087	523	525	528	rBV	953092	940294	21.06%	2.714%
10	9.173	617	620	622	rBV	3273944	3719627	83.32%	10.737%
11	9.562	652	654	656	rBV	475334	400539	8.97%	1.156%
12	9.848	676	679	681	rBV	581121	802466	17.98%	2.316%
13	10.282	716	717	718	rVB	102203	71301	1.60%	0.206%
14	10.499	733	736	739	rBV	36445	57170	1.28%	0.165%
15	10.625	745	747	750	rBV2	1399929	1851035	41.46%	5.343%
16	10.751	757	758	763	rVB	115628	138224	3.10%	0.399%
17	11.196	796	797	799	rBV	59681	61870	1.39%	0.179%
18	11.322	806	808	812	rBV	709850	703422	15.76%	2.031%
19	12.911	944	947	964	rBV	2975883	3069924	68.77%	8.862%
20	13.151	964	968	970	rBV	64623	74912	1.68%	0.216%
21	13.391	987	989	994	rBV	59861	169374	3.79%	0.489%
22	13.494	995	998	1000	rVB2	61112	96783	2.17%	0.279%
23	13.814	1023	1026	1034	rBV	297090	490316	10.98%	1.415%
24	13.951	1035	1038	1046	rVV	714918	1026434	22.99%	2.963%
25	14.065	1046	1048	1052	rVV2	101137	151061	3.38%	0.436%
26	14.134	1052	1054	1061	rVB	59986	82433	1.85%	0.238%
27	14.431	1078	1080	1084	rBV	66674	108338	2.43%	0.313%
28	14.728	1104	1106	1109	rBV	38341	49601	1.11%	0.143%
29	15.368	1159	1162	1164	rBV	374665	617088	13.82%	1.781%
30	15.814	1198	1201	1203	rBV	35810	62232	1.39%	0.180%
31	16.282	1239	1242	1243	rBV2	27665	55065	1.23%	0.159%
32	16.820	1287	1289	1296	rVB	21637	49210	1.10%	0.142%

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)

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-BF042716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

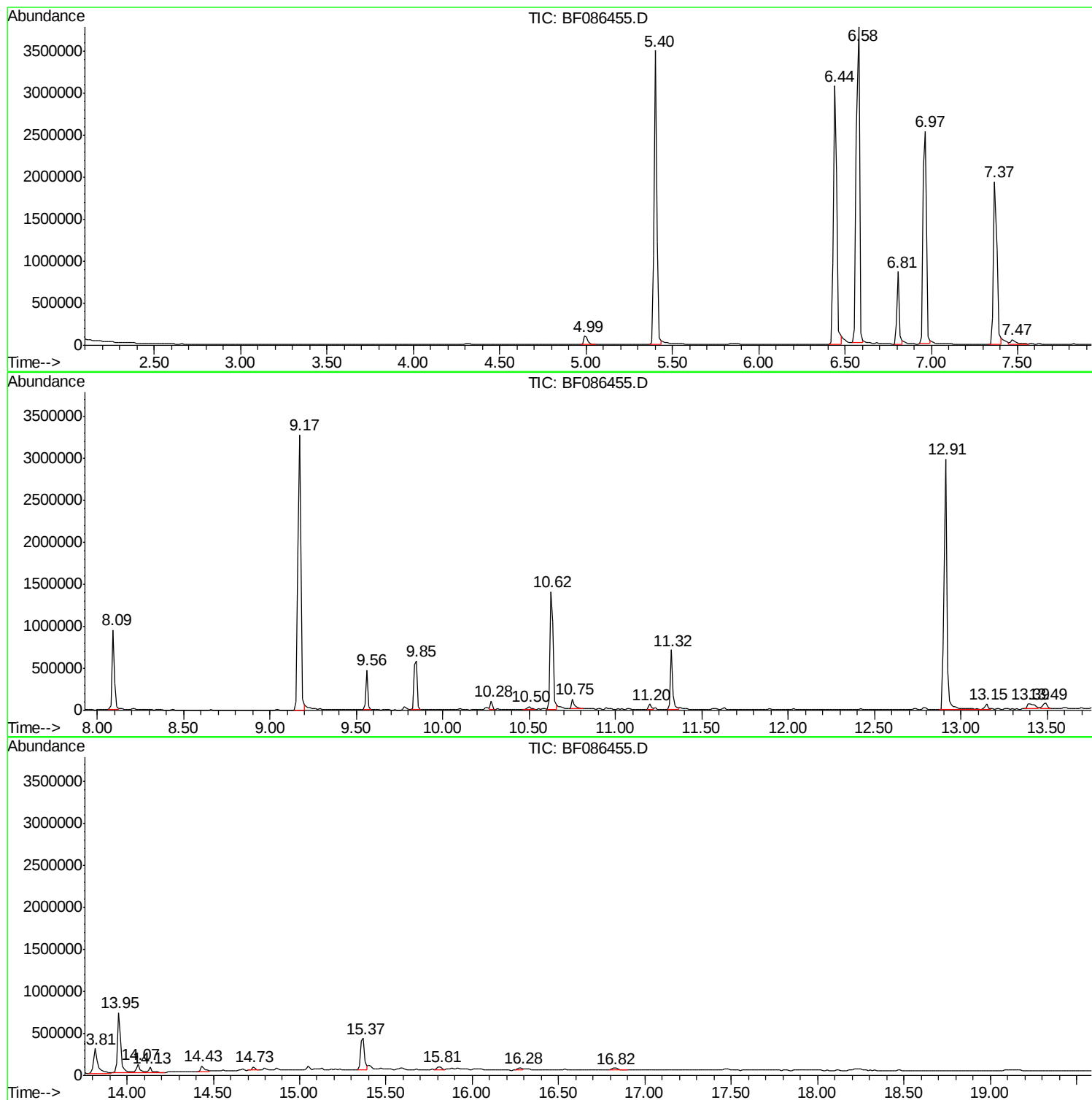
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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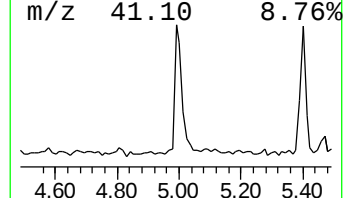
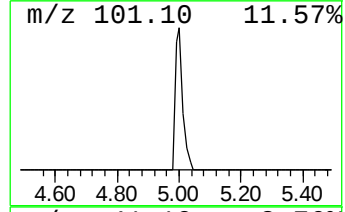
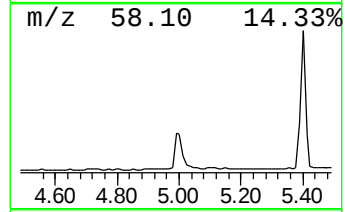
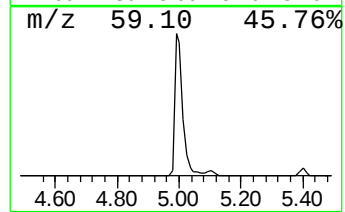
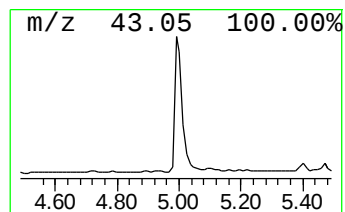
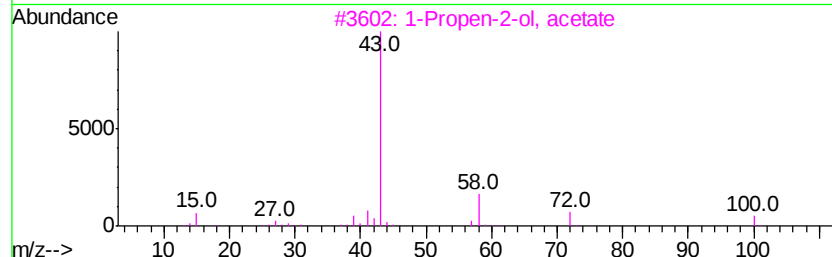
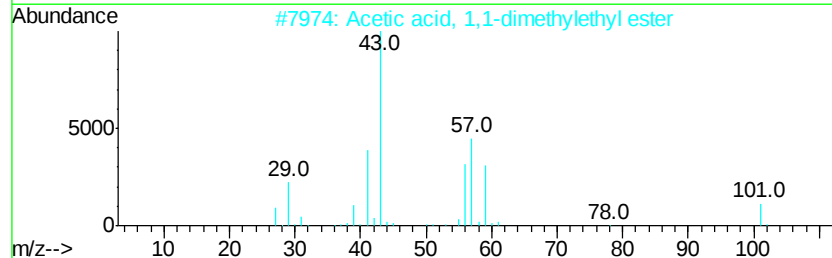
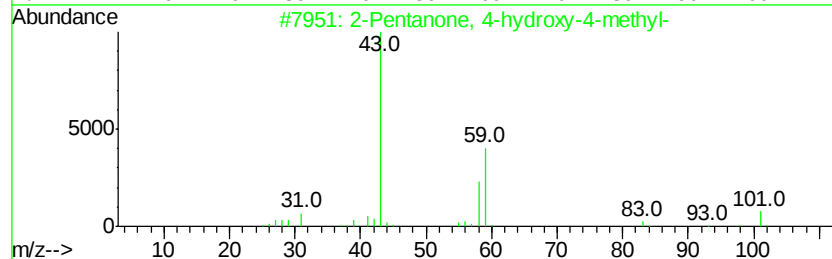
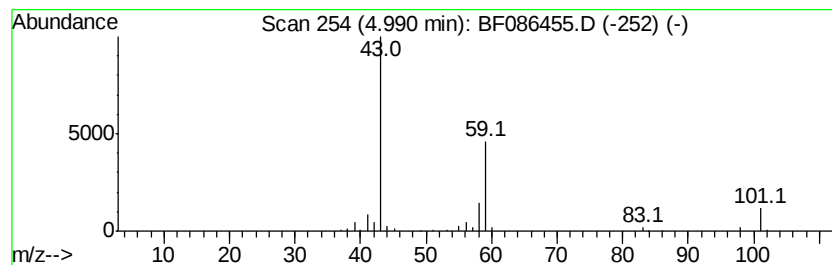
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	4.25 ng	178009	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		Methyl acetoxycetate	132	C5H8O4	005837-80-9	9
5		2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9



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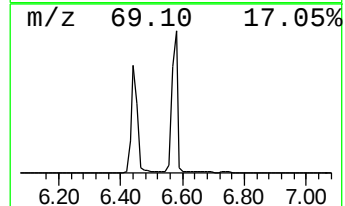
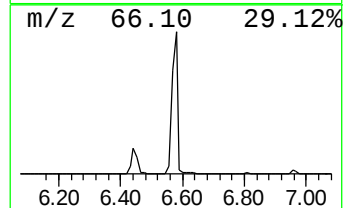
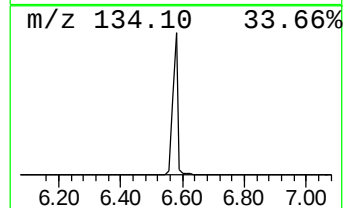
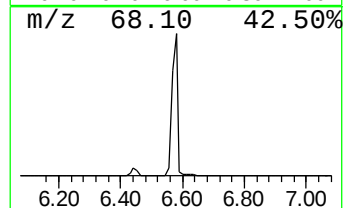
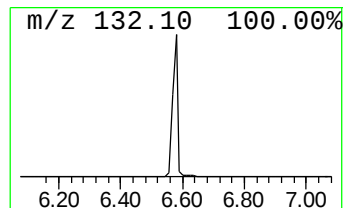
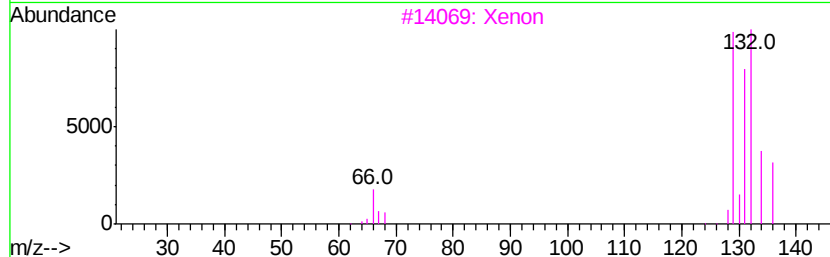
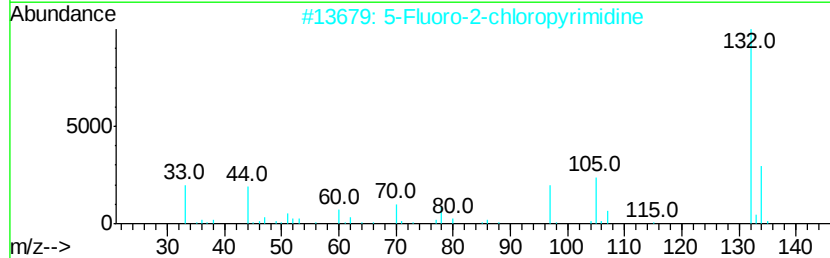
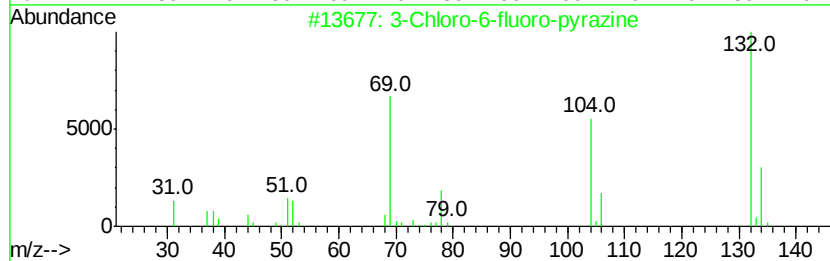
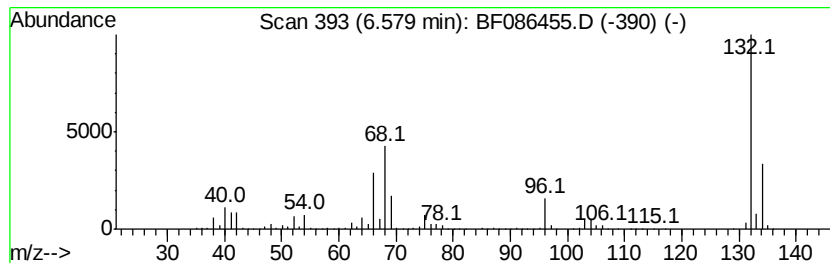
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	106.61 ng	4464100	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
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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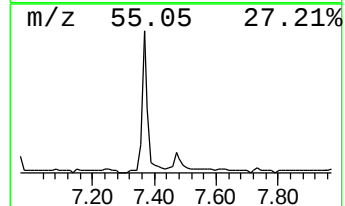
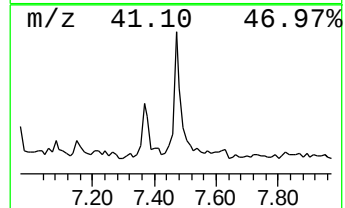
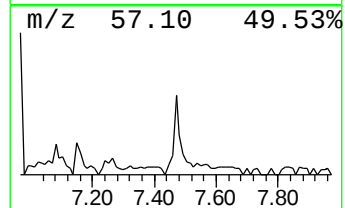
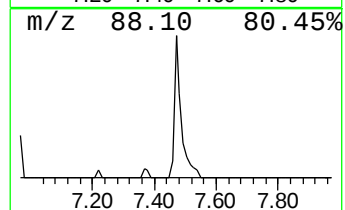
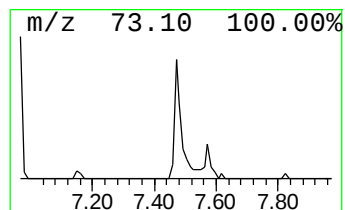
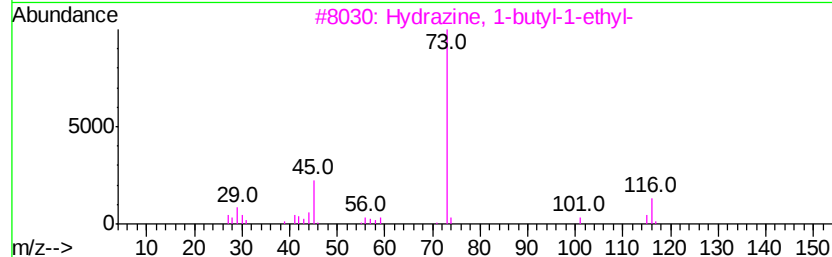
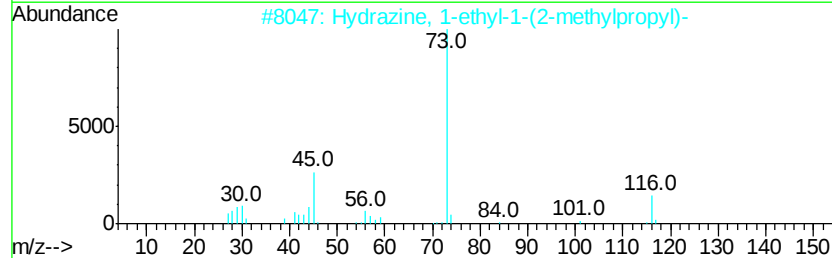
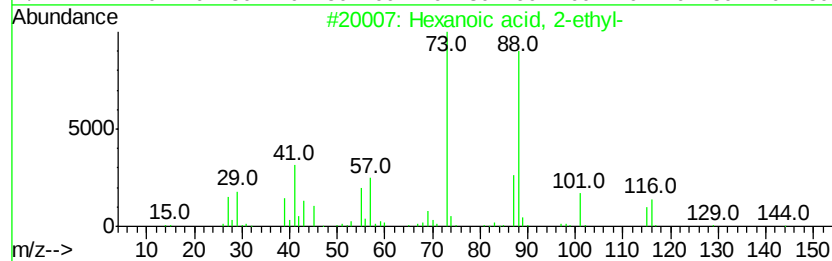
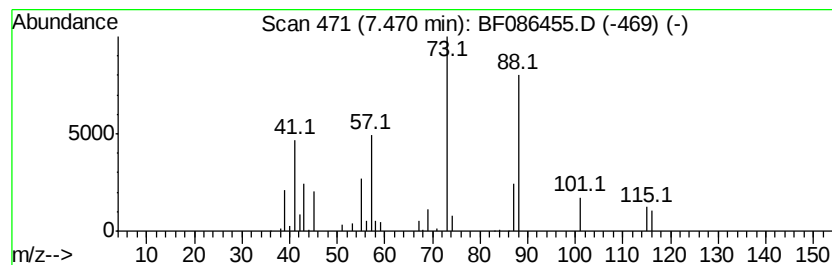
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	2.53 ng	118883	Naphthalene-d8	8.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2			Hydrazine, 1-ethyl-1-(2-methylpr...	116	C6H16N2	067398-35-0	14
3			Hydrazine, 1-butyl-1-ethyl-	116	C6H16N2	052728-56-0	10
4			3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	9
5			1-Propene-1-thiol	74	C3H6S	000925-89-3	9



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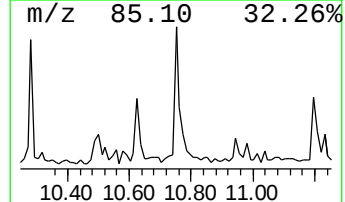
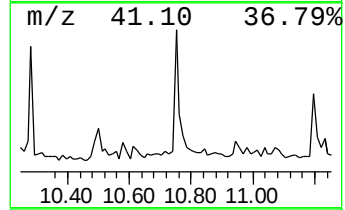
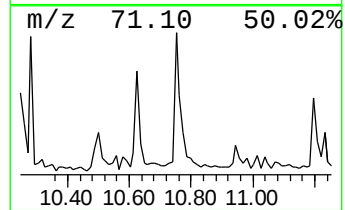
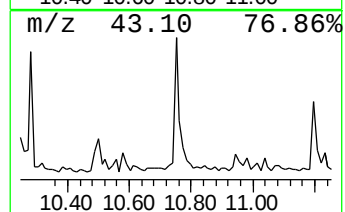
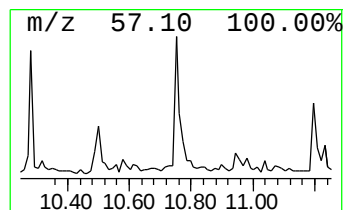
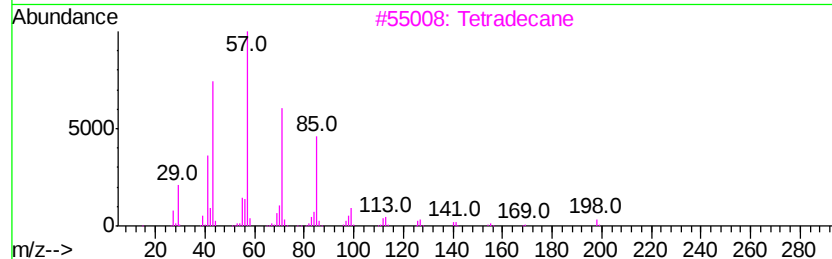
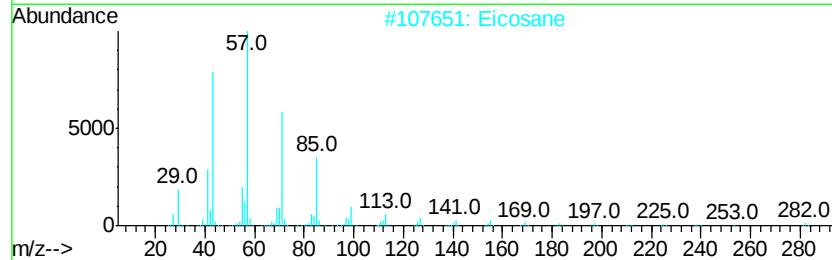
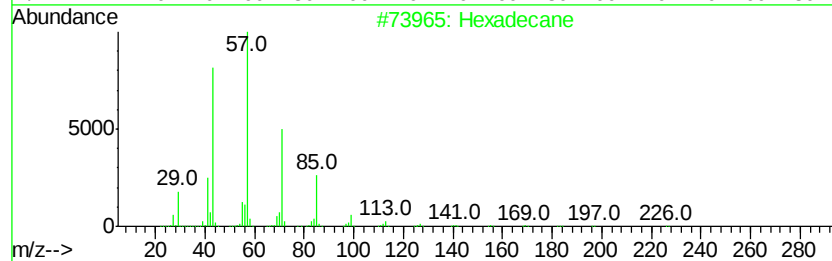
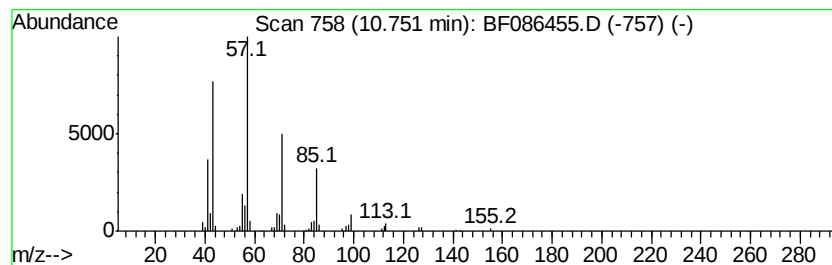
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.75	3.93 ng	138224	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentadecane	212	C15H32	000629-62-9	80
5	Tridecane	184	C13H28	000629-50-5	80



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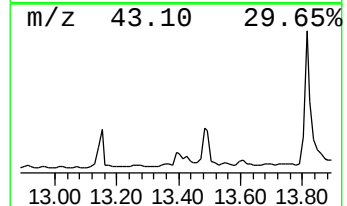
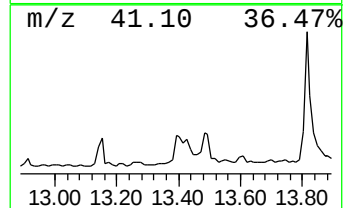
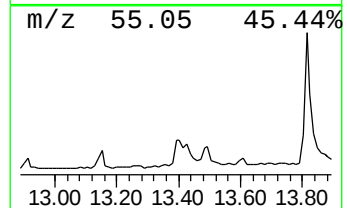
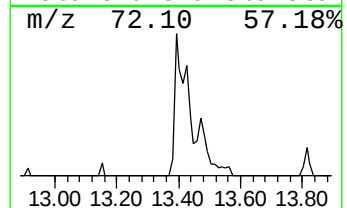
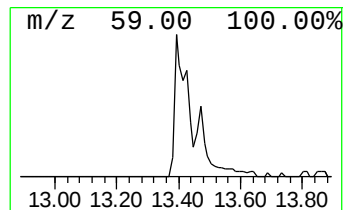
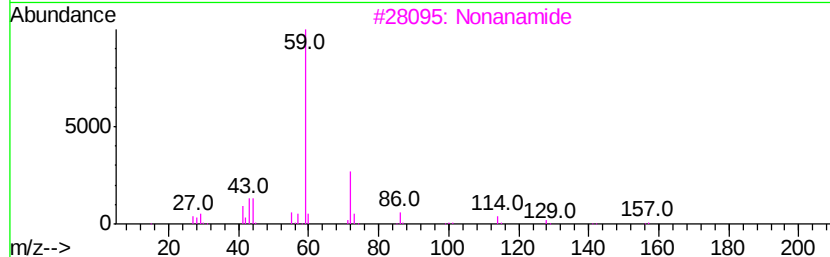
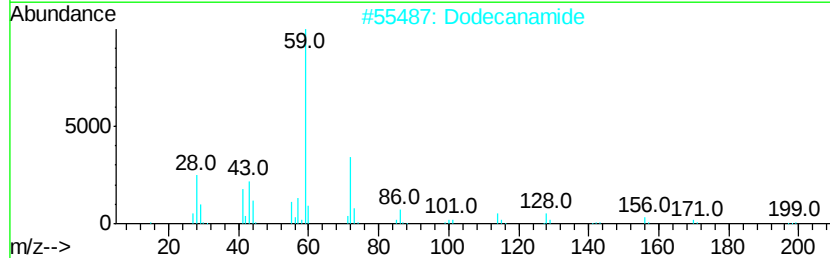
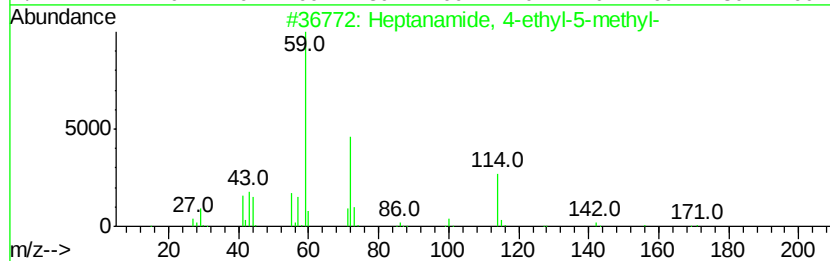
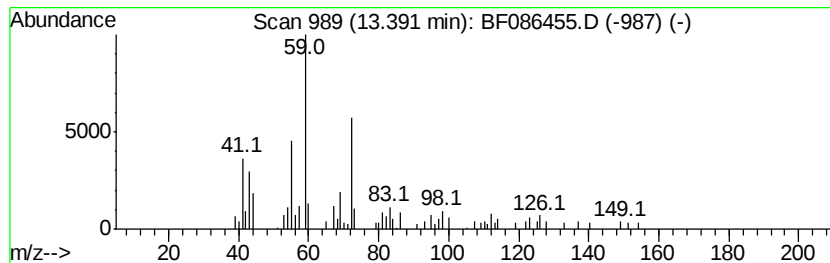
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Peak Number 6 Heptanamide, 4-ethyl-5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.39	3.30 ng	169374	Chrysene-d12	13.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	64
2	Dodecanamide	199	C12H25NO	001120-16-7	59
3	Nonanamide	157	C9H19NO	001120-07-6	53
4	Octanamide	143	C8H17NO	000629-01-6	50
5	Hexadecanamide	255	C16H33NO	000629-54-9	50



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Misc :
ALS Vial : 29 Sample Multiplier: 1

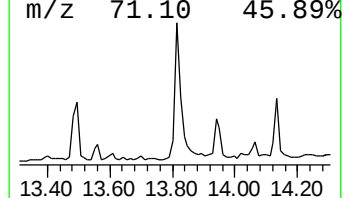
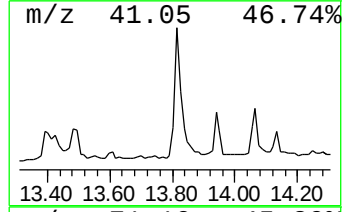
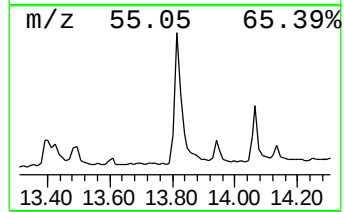
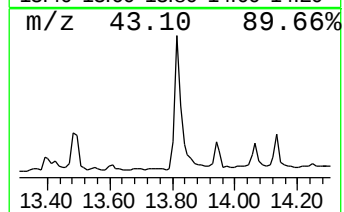
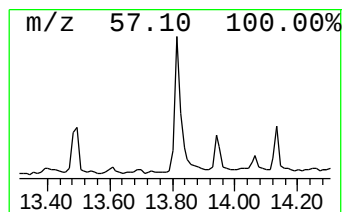
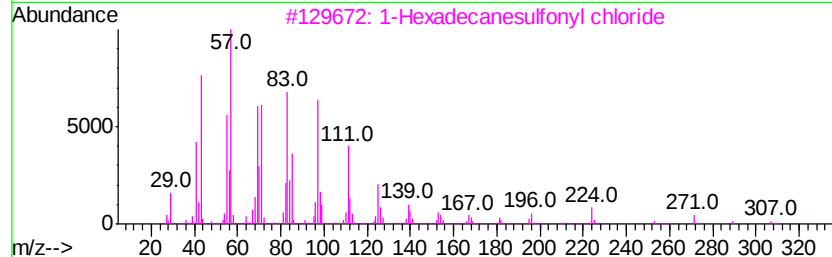
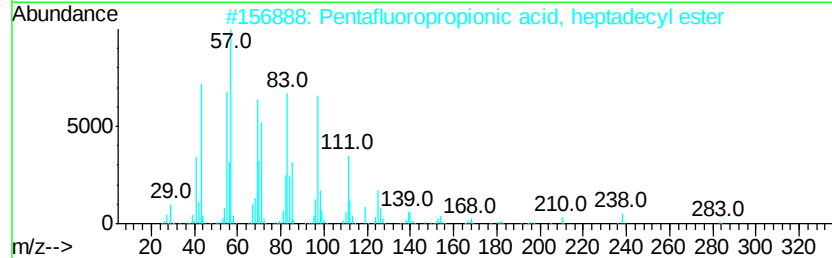
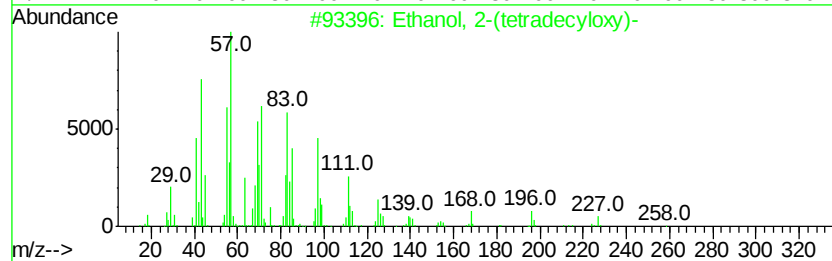
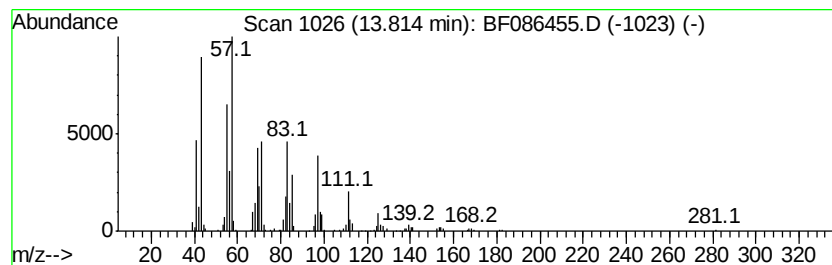
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ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.81	9.55 ng	490316	Chrysene-d12	13.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4		17-Pentatriacontene	491	C35H70	006971-40-0	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086455.D
Acq On : 28 Apr 2016 6:12
Operator : UM/SJ
Sample : H2707-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)

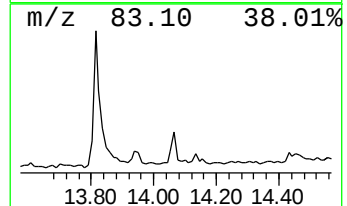
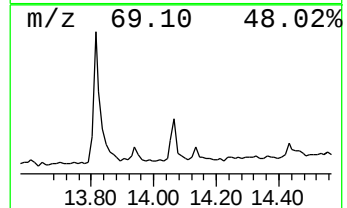
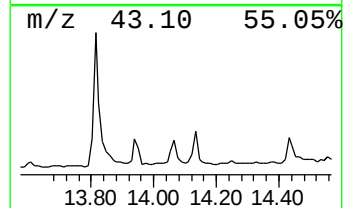
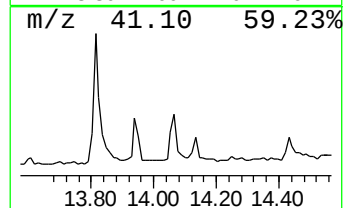
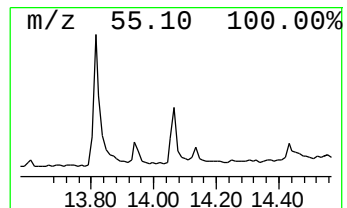
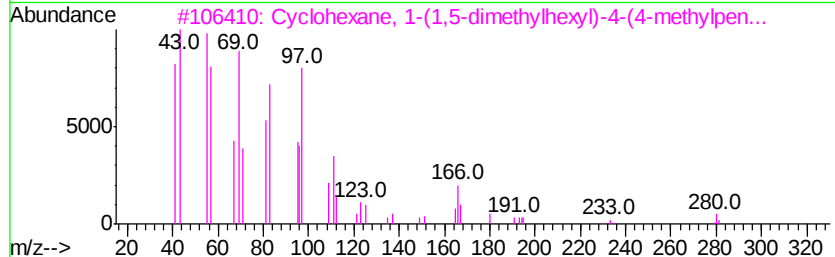
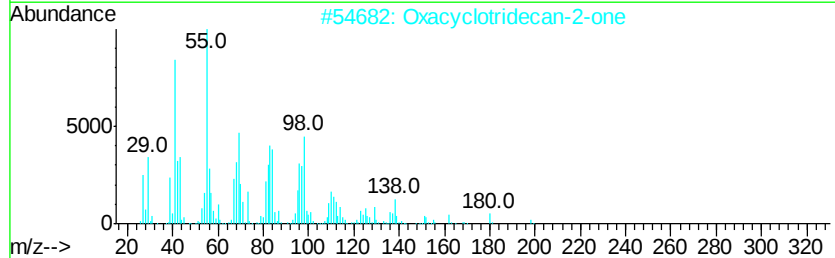
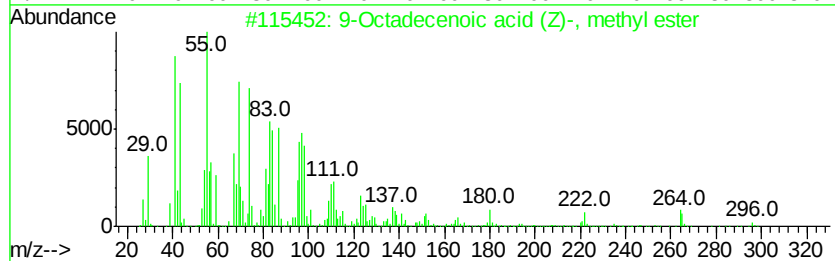
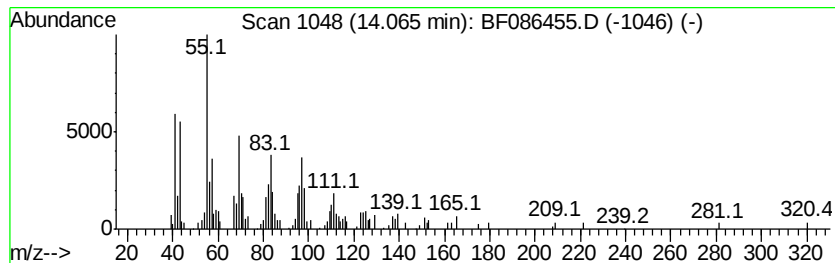
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Octadecenoic acid (Z)-, m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.94 ng	151061	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	80
2		Oxacyclotridecan-2-one	198	C12H22O2	000947-05-7	50
3		Cyclohexane, 1-(1,5-dimethylhexyl)-	280	C20H40	056009-20-2	45
4		Cyclododecanemethanol	198	C13H26O	001892-12-2	43
5		1-Octadecanol	270	C18H38O	000112-92-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086455.D
Acq On : 28 Apr 2016 6:12
Operator : UM/SJ
Sample : H2707-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)

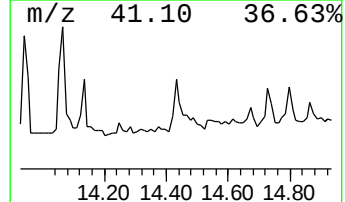
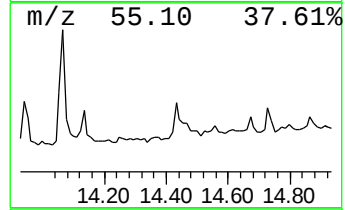
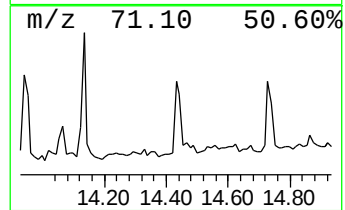
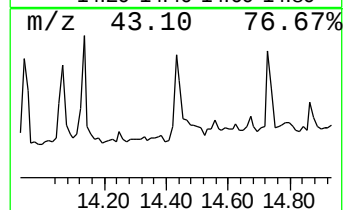
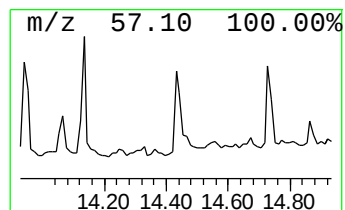
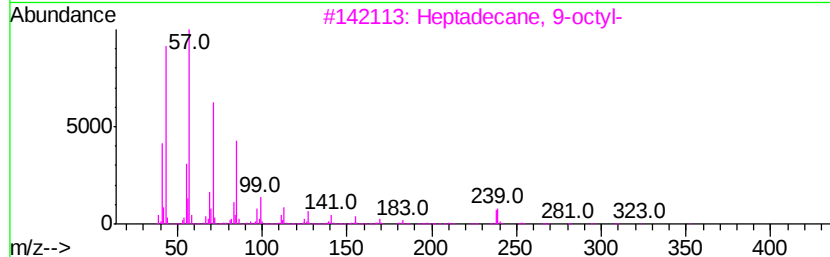
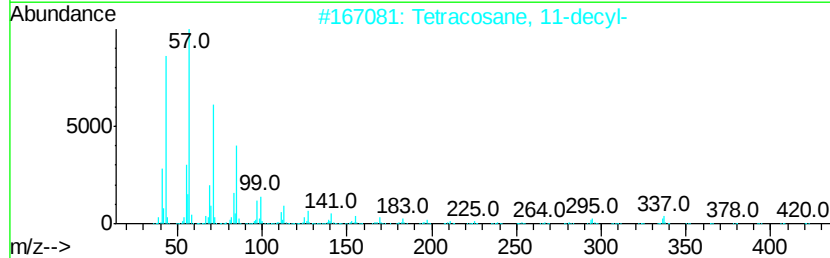
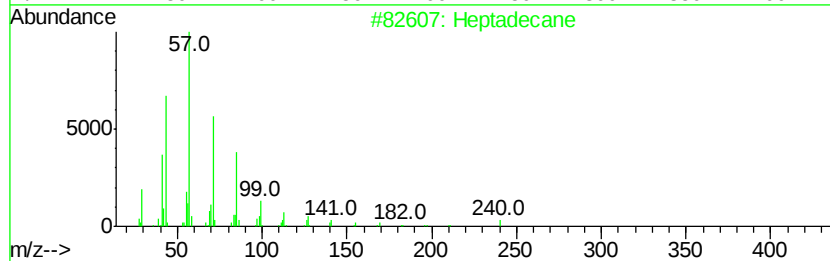
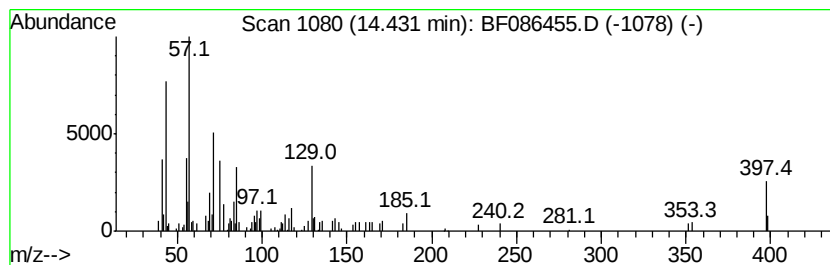
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.43 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.11 ng	108338	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	46
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	42
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	41
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	38
5		Hexacosane	366	C26H54	000630-01-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086455.D
Acq On : 28 Apr 2016 6:12
Operator : UM/SJ
Sample : H2707-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)

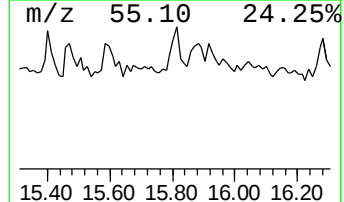
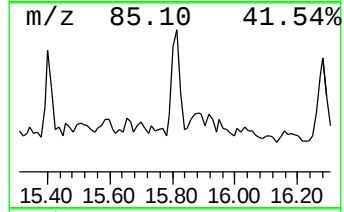
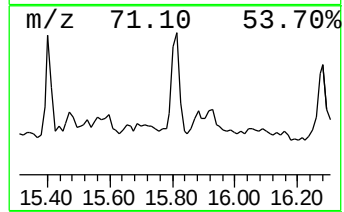
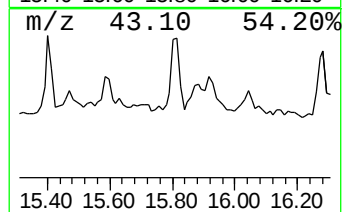
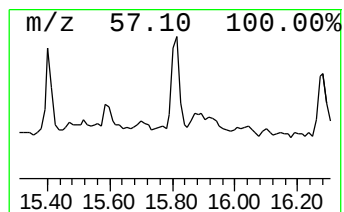
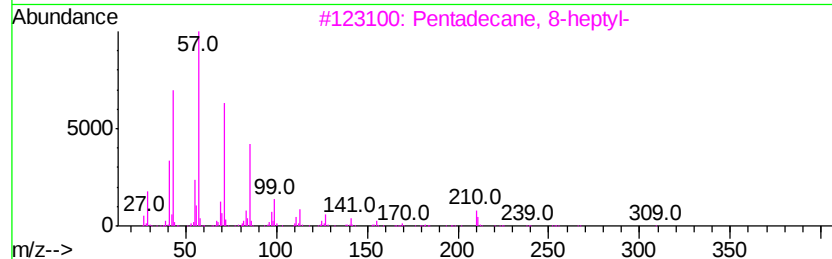
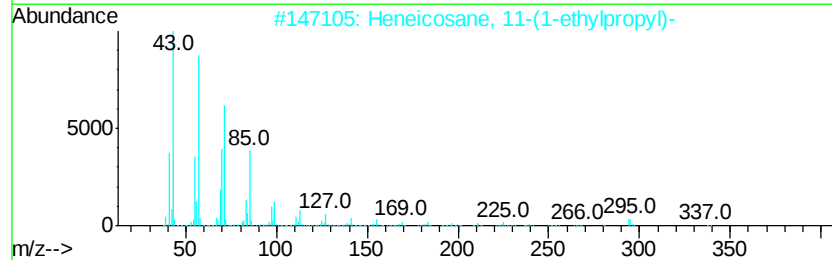
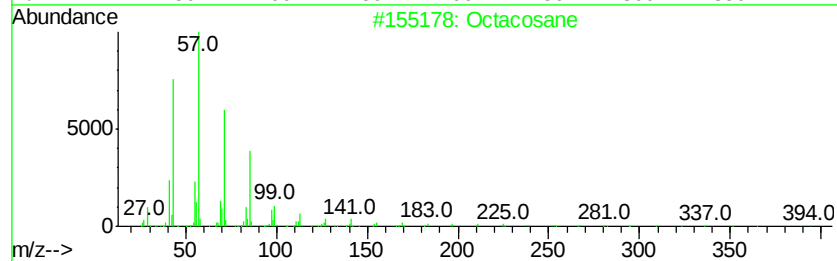
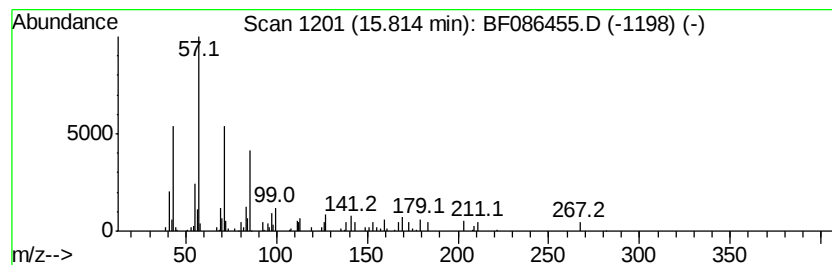
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.02 ng	62232	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	83
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
4		Tetracosane	338	C24H50	000646-31-1	72
5		Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086455.D
Acq On : 28 Apr 2016 6:12
Operator : UM/SJ
Sample : H2707-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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...	4.99	4.3	ng	178009	1	6.81	837441	20.0
unknown6.58	6.58	106.6	ng	4464100	1	6.81	837441	20.0
Hexanoic acid, 2-...	7.47	2.5	ng	118883	2	8.09	940294	20.0
Hexadecane	10.75	3.9	ng	138224	4	11.32	703422	20.0
Heptanamide, 4-et...	13.39	3.3	ng	169374	5	13.95	1026430	20.0
Ethanol, 2-(tetra...	13.81	9.6	ng	490316	5	13.95	1026430	20.0
9-Octadecenoic ac...	14.07	2.9	ng	151061	5	13.95	1026430	20.0
unknown14.43	14.43	2.1	ng	108338	5	13.95	1026430	20.0
Octacosane	15.81	2.0	ng	62232	6	15.37	617088	20.0