

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086452.D
 Acq On : 28 Apr 2016 4:46
 Operator : UM/SJ
 Sample : H2707-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB04(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	251	254	260	rBV	73034	106138	2.95%	0.362%
2	5.401	287	290	292	rBV	3394990	3419651	94.89%	11.666%
3	5.859	327	330	340	rVB3	8749	36193	1.00%	0.123%
4	6.441	378	381	390	rBV	3157843	3597430	99.82%	12.273%
5	6.579	390	393	395	rBV	2523797	3603980	100.00%	12.295%
6	6.807	411	413	415	rBV	802743	822395	22.82%	2.806%
7	6.956	424	426	429	rBV	2014312	2657184	73.73%	9.065%
8	7.367	459	462	465	rBV	1826241	1970158	54.67%	6.721%
9	7.470	469	471	479	rVB	57661	118890	3.30%	0.406%
10	8.087	523	525	528	rBV	974182	970790	26.94%	3.312%
11	9.173	617	620	622	rBV	2532214	3118490	86.53%	10.639%
12	9.562	652	654	656	rBV	464536	398128	11.05%	1.358%
13	9.779	671	673	676	rBV	75067	69039	1.92%	0.236%
14	9.847	676	679	681	rBV	591947	811871	22.53%	2.770%
15	10.248	713	714	716	rBV	37382	64756	1.80%	0.221%
16	10.282	716	717	718	rVB	152098	106084	2.94%	0.362%
17	10.499	733	736	739	rBV	53266	82965	2.30%	0.283%
18	10.625	745	747	750	rBV2	1319608	1493062	41.43%	5.094%
19	10.750	757	758	765	rVB	165266	199335	5.53%	0.680%
20	11.196	795	797	799	rBV	82884	80240	2.23%	0.274%
21	11.322	806	808	812	rBV	667753	677928	18.81%	2.313%
22	11.631	833	835	837	rVB	27871	36588	1.02%	0.125%
23	12.796	935	937	939	rBV	27818	36980	1.03%	0.126%
24	12.911	944	947	949	rBV	2397794	2354572	65.33%	8.033%
25	13.151	965	968	970	rBV	68979	81743	2.27%	0.279%
26	13.494	995	998	999	rBV	73706	93682	2.60%	0.320%
27	13.814	1024	1026	1033	rBV	162948	267686	7.43%	0.913%
28	13.951	1036	1038	1046	rBV	633644	926789	25.72%	3.162%
29	14.065	1046	1048	1050	rBV	69912	79232	2.20%	0.270%
30	14.134	1052	1054	1056	rBV	93824	97815	2.71%	0.334%
31	14.431	1079	1080	1082	rBV	55671	77133	2.14%	0.263%
32	14.739	1105	1107	1111	rBV3	34327	76464	2.12%	0.261%
33	14.797	1111	1112	1115	rVB	82810	108315	3.01%	0.370%
34	15.048	1132	1134	1138	rVB	38396	51568	1.43%	0.176%

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB04(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

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35	15.368	1159	1162	1169	rbV	363381	618459	17.16%	2.110%
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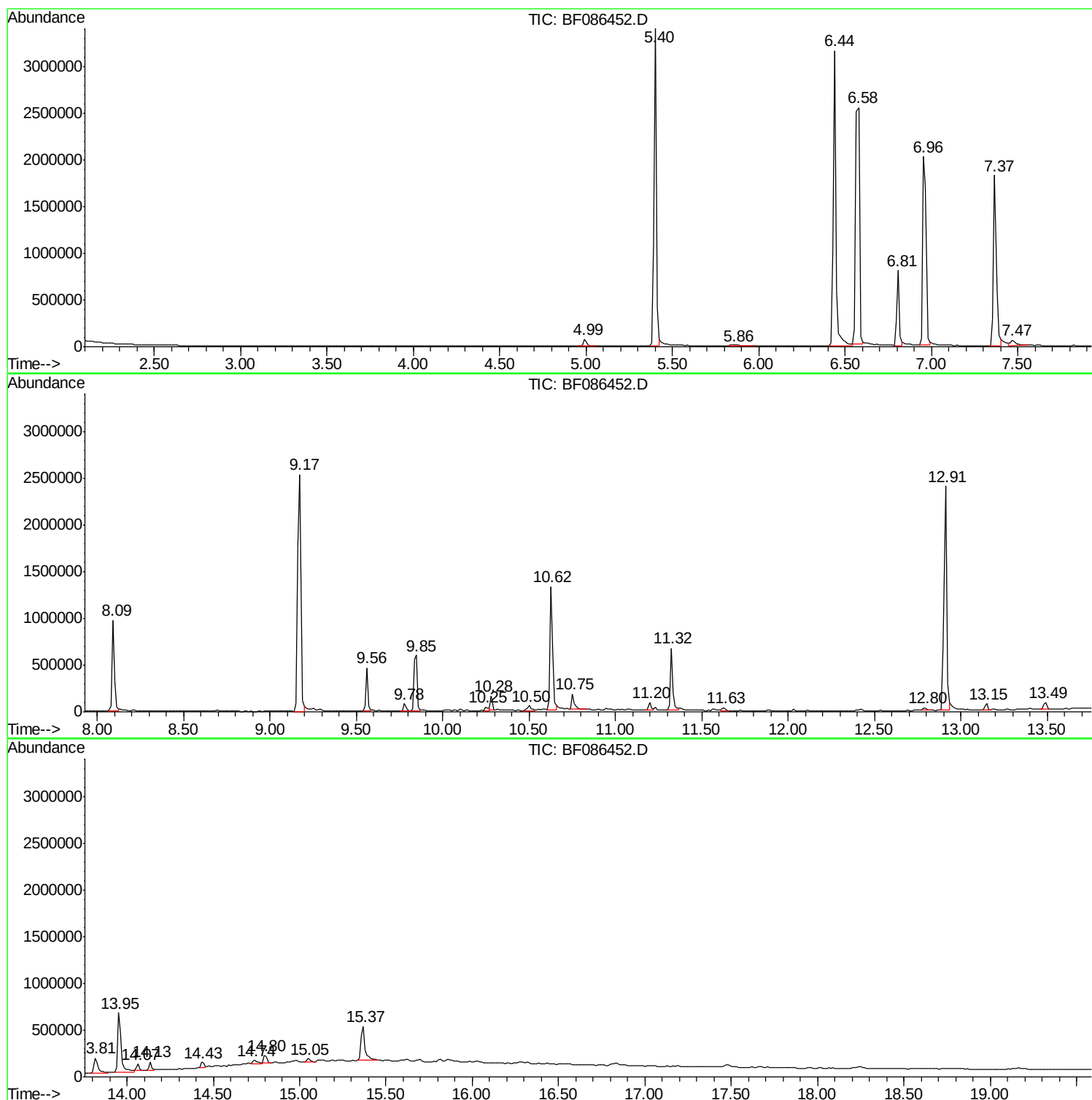
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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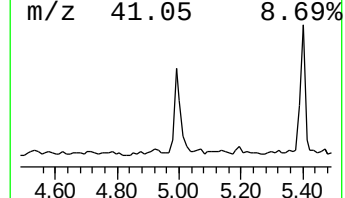
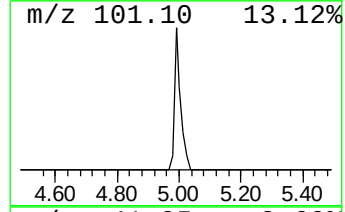
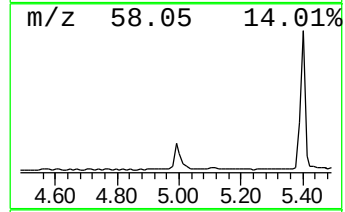
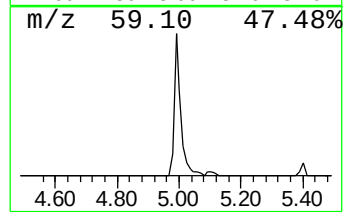
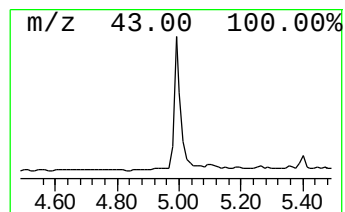
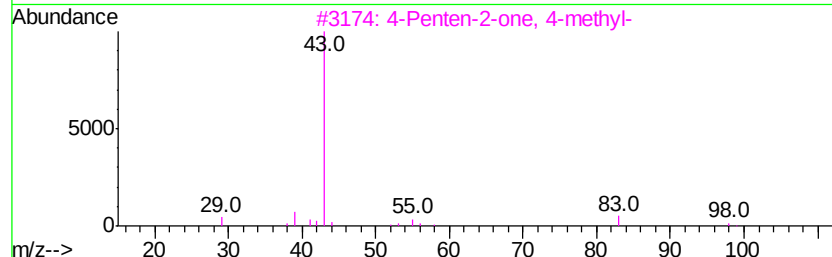
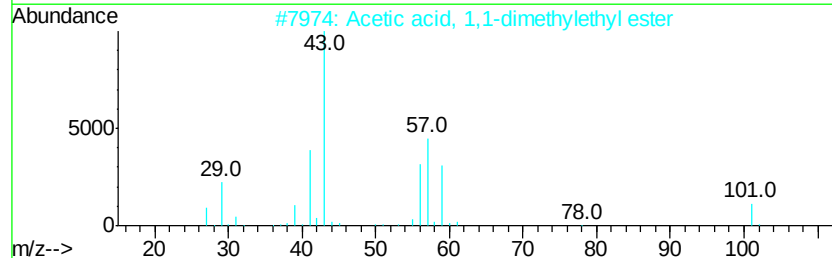
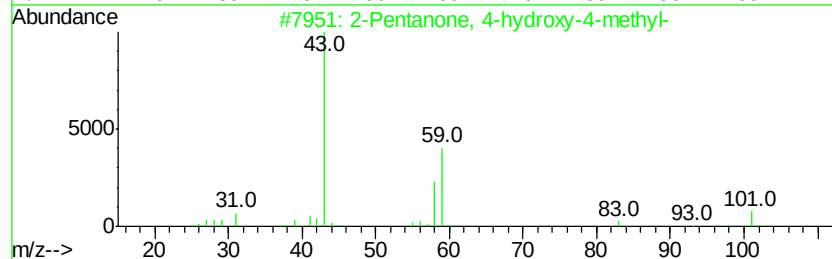
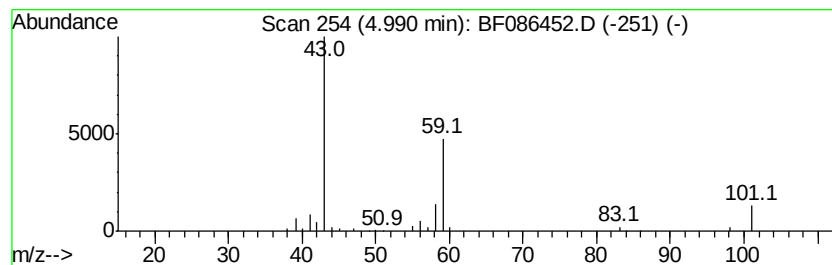
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	2.58 ng	106138	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10
4			Diacetamide	101	C4H7NO2	000625-77-4	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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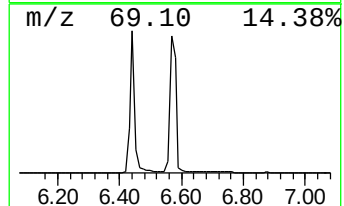
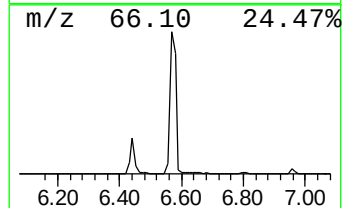
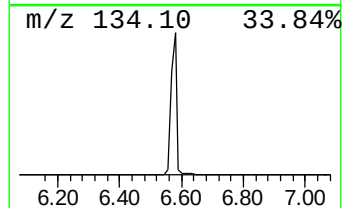
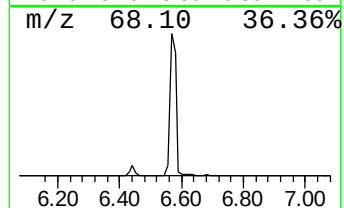
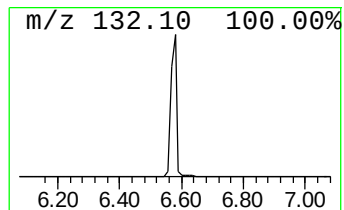
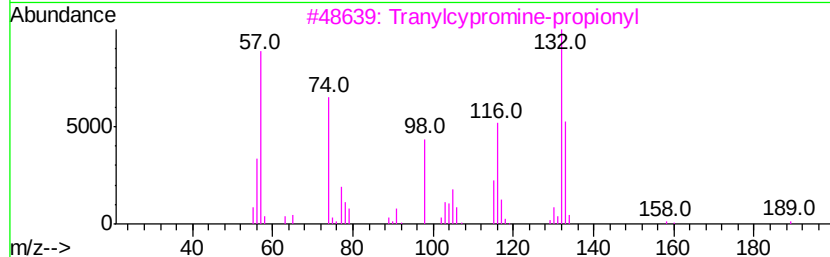
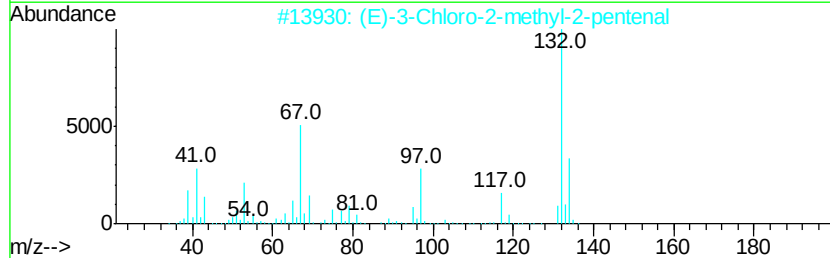
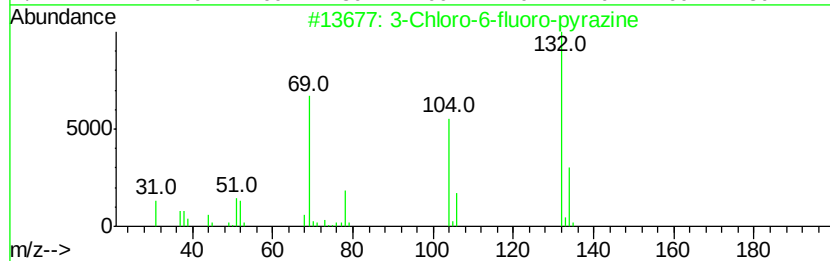
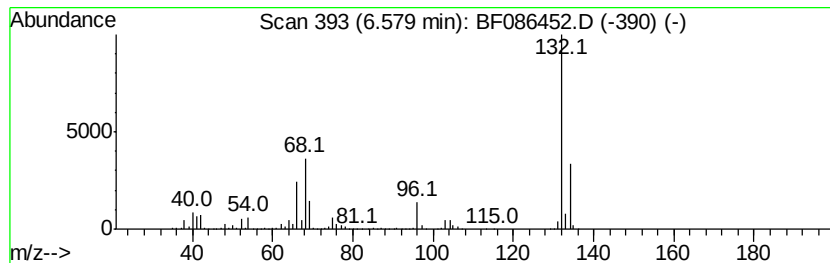
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	87.65 ng	3603980	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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	9



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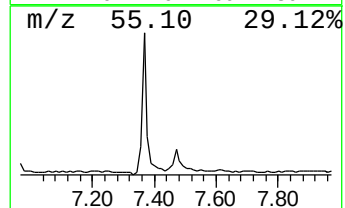
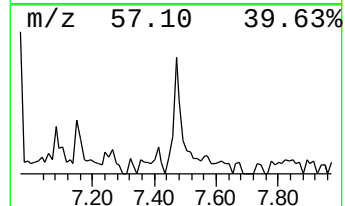
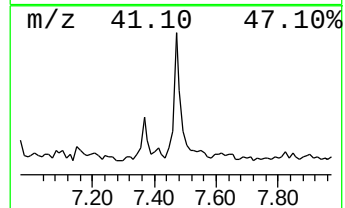
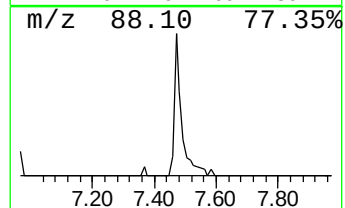
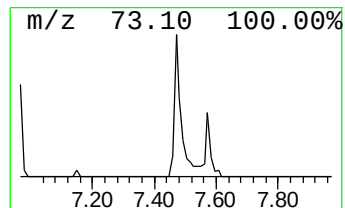
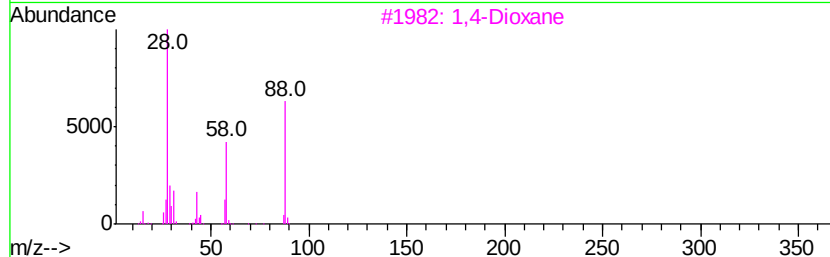
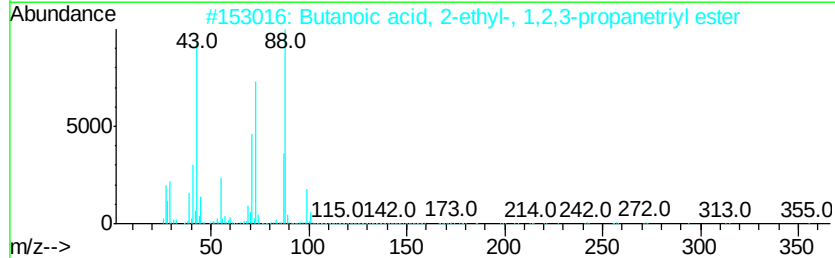
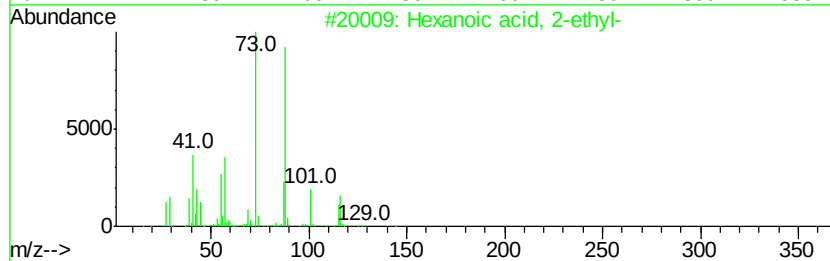
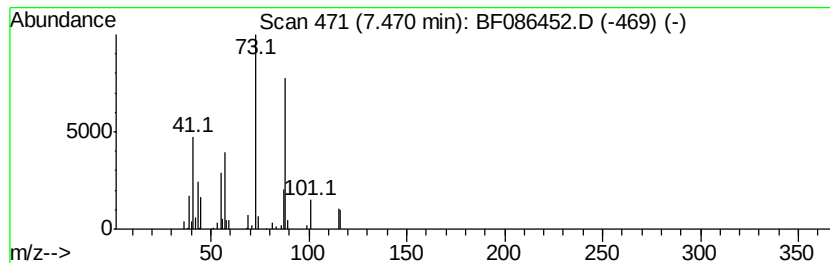
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	2.45 ng	118890	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	38
3		1,4-Dioxane	88	C4H8O2	000123-91-1	38
4		Methyl 4-O-acetyl-2,3-di-O-methy...	248	C11H20O6	072945-56-3	36
5		Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	36



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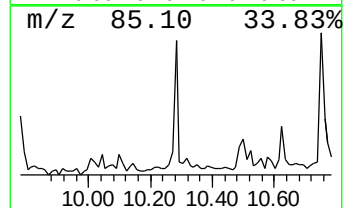
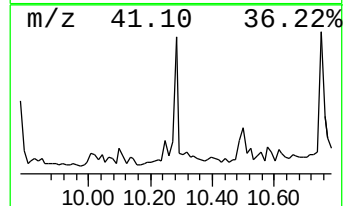
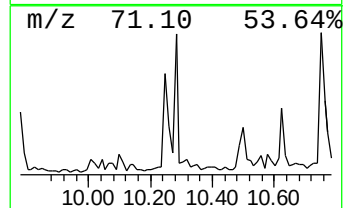
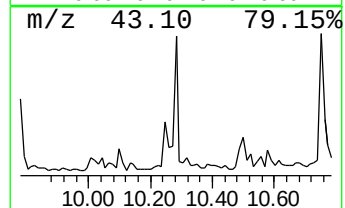
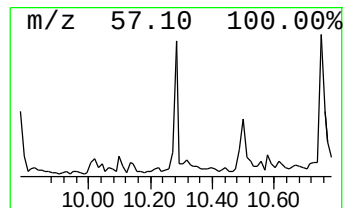
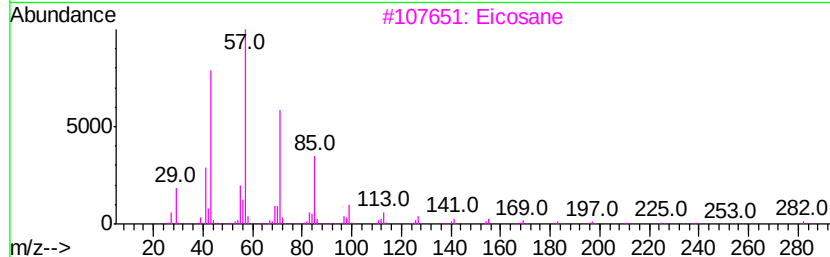
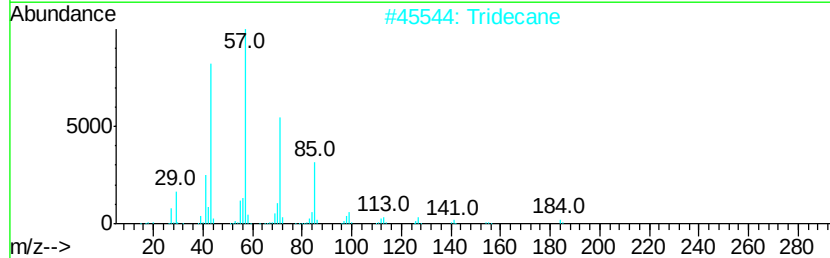
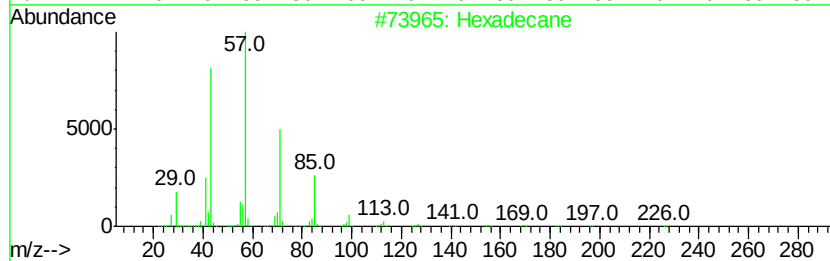
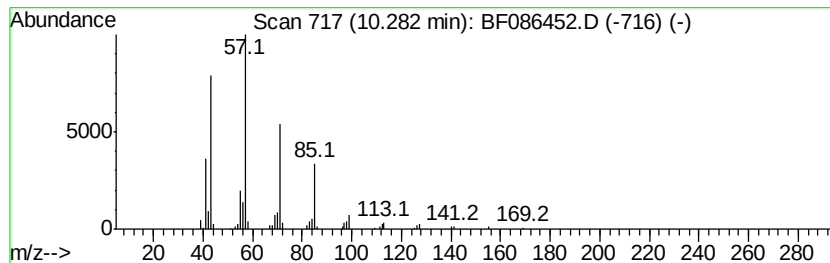
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.28	2.61 ng	106084	Acenaphthene-d10	9.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Heptadecane	240	C17H36	000629-78-7	80



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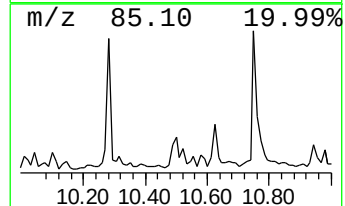
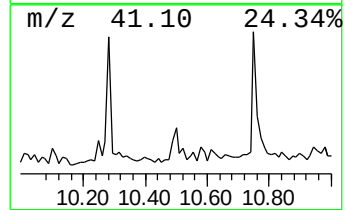
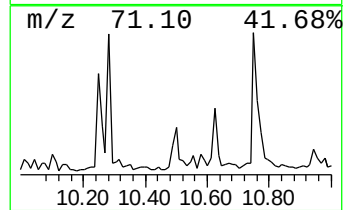
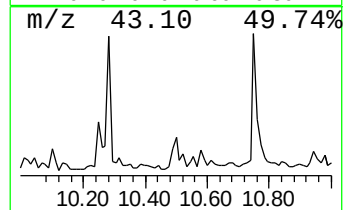
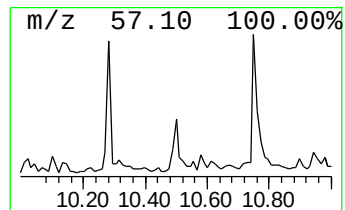
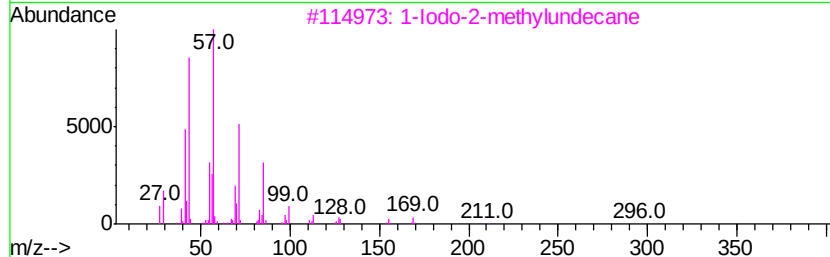
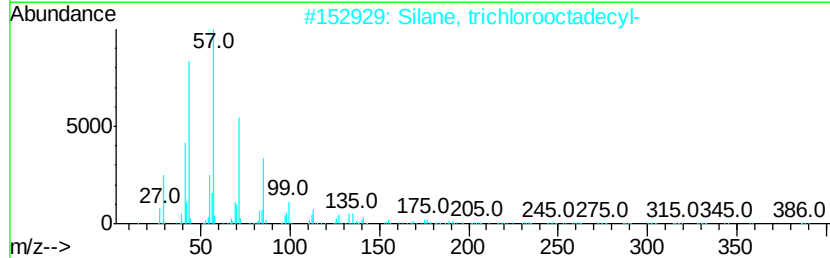
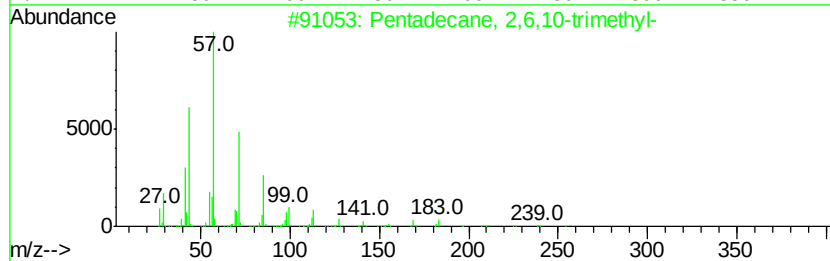
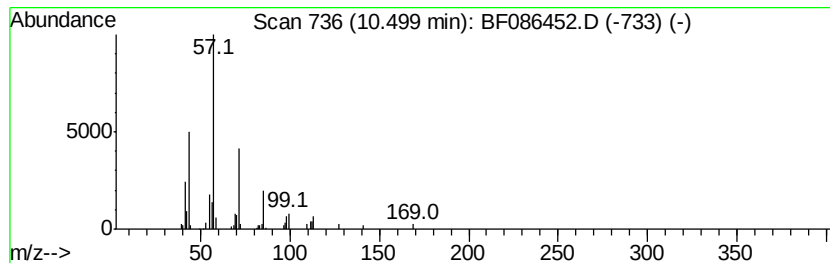
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Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	2.04 ng	82965	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0 86
2		Silane, trichlorooctadecyl-	386 C18H37Cl3Si	000112-04-9 80
3		1-Iodo-2-methylundecane	296 C12H25I	073105-67-6 64
4		Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1 59
5		Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6 59



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Misc :
ALS Vial : 26 Sample Multiplier: 1

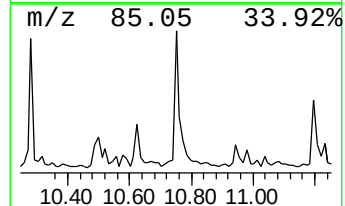
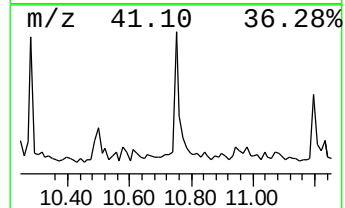
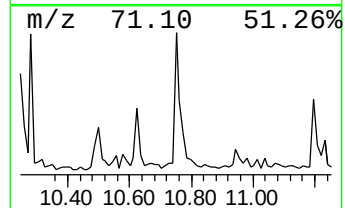
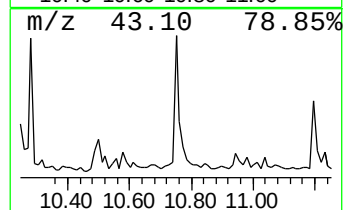
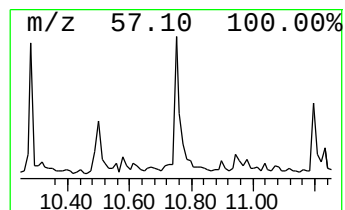
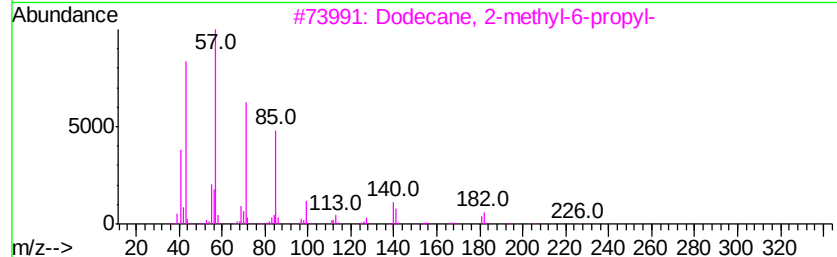
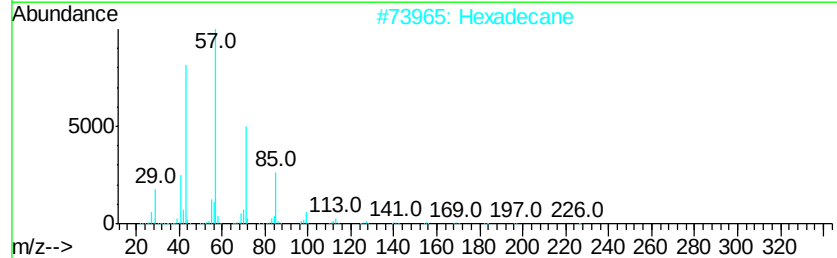
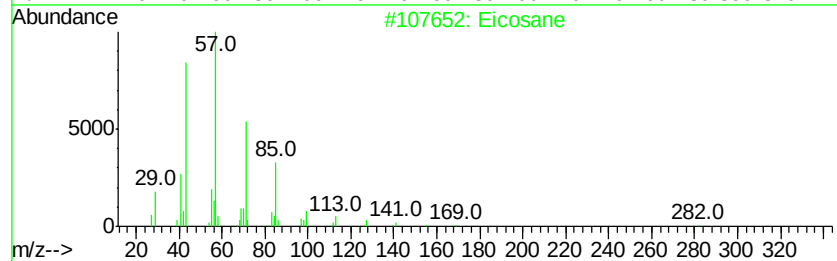
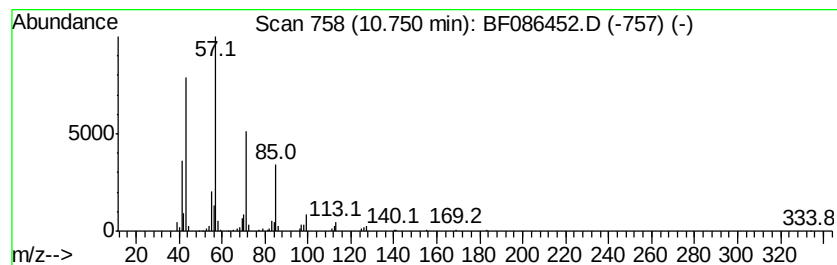
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BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB04(0.5-6.0)

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 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.75	5.88 ng	199335	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086452.D
Acq On : 28 Apr 2016 4:46
Operator : UM/SJ
Sample : H2707-02
Misc :
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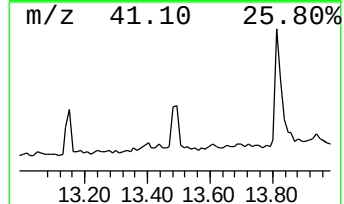
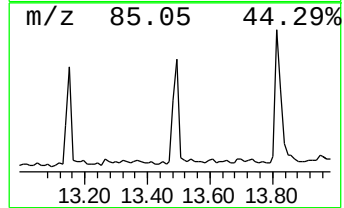
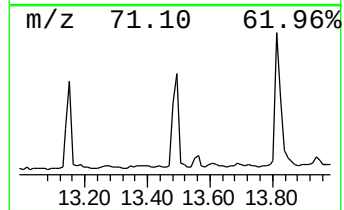
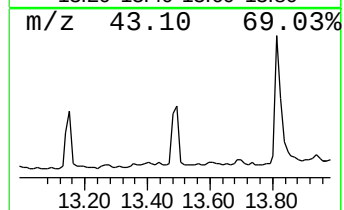
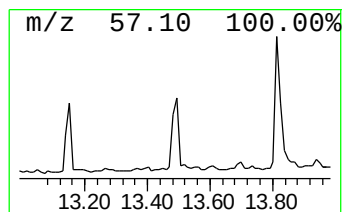
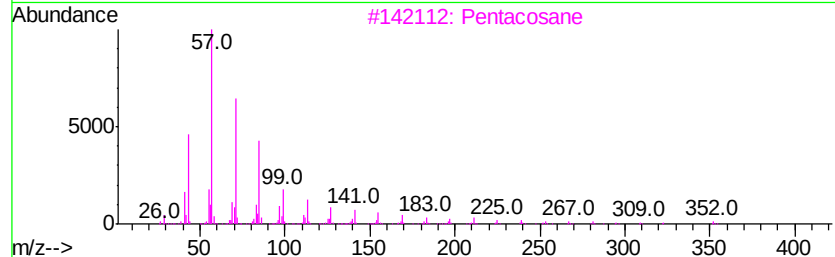
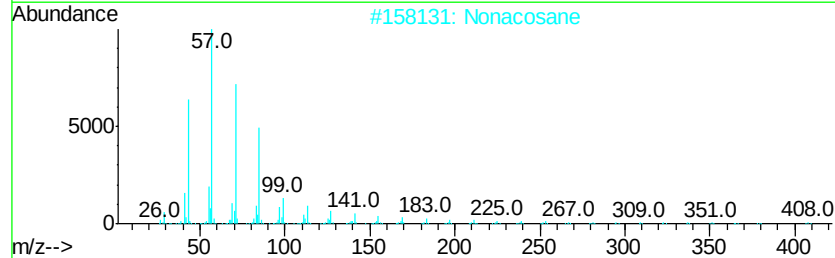
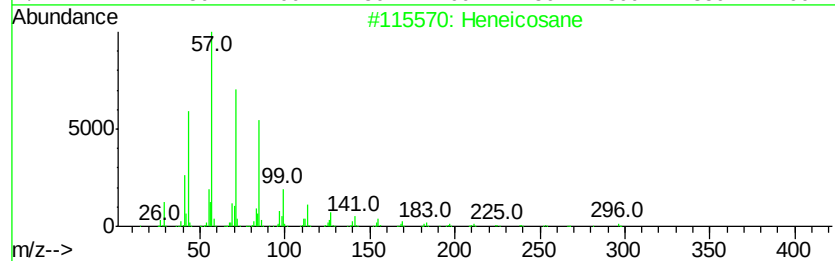
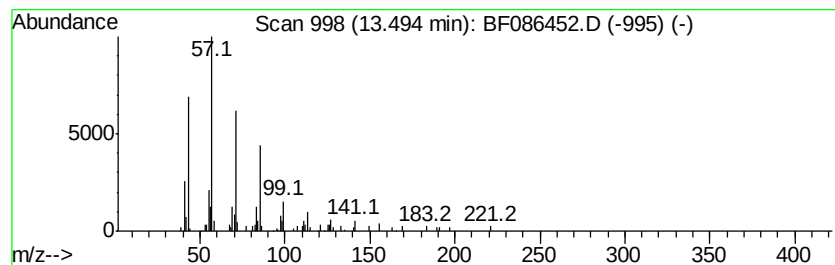
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.49	2.02 ng	93682	Chrysene-d12		13.95
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonacosane	408	C29H60	000630-03-5	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
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Acq On : 28 Apr 2016 4:46
Operator : UM/SJ
Sample : H2707-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

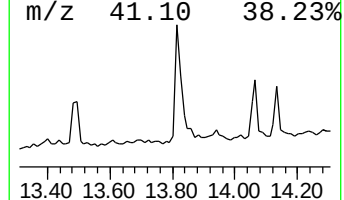
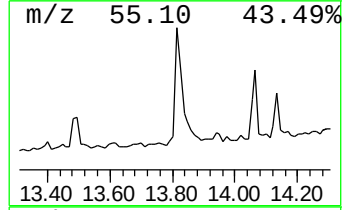
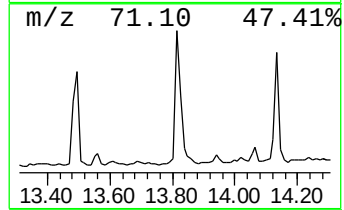
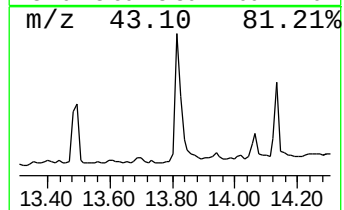
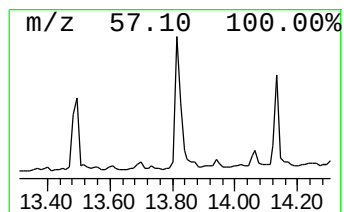
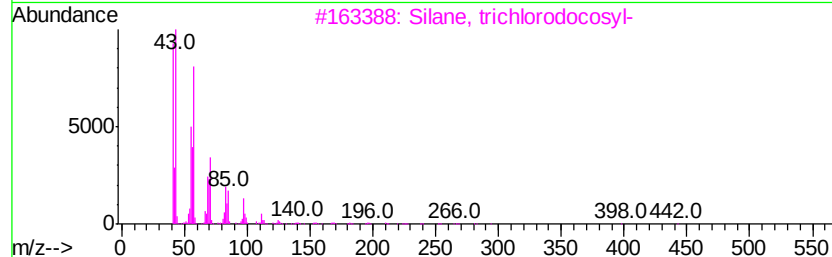
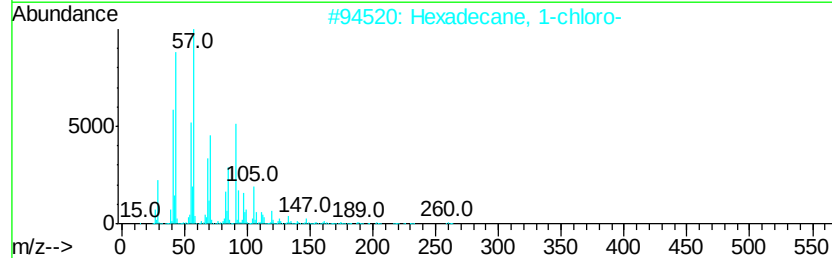
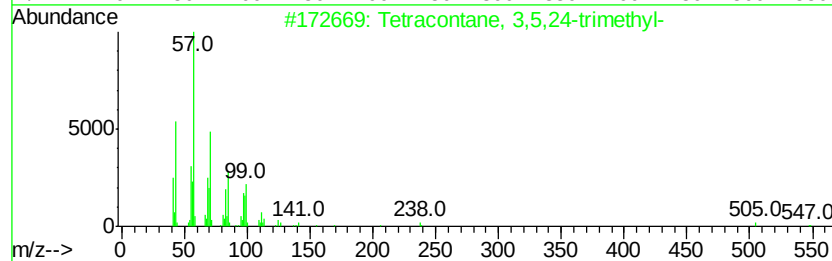
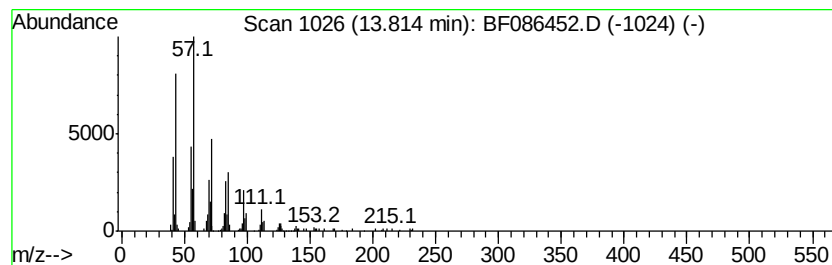
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracontane, 3,5,24-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.81	5.78 ng	267686	Chrysene-d12	13.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	86
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	86
3	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	72
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086452.D
Acq On : 28 Apr 2016 4:46
Operator : UM/SJ
Sample : H2707-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RICHMOND-AMBOY-SB04(0.5-6.0)

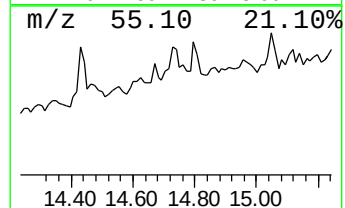
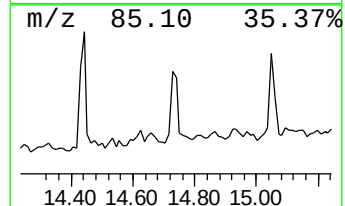
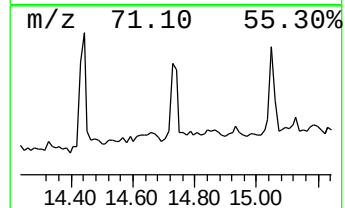
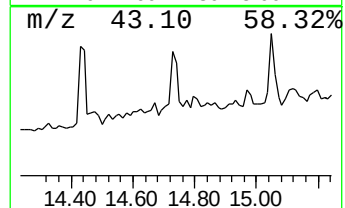
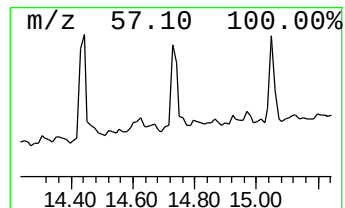
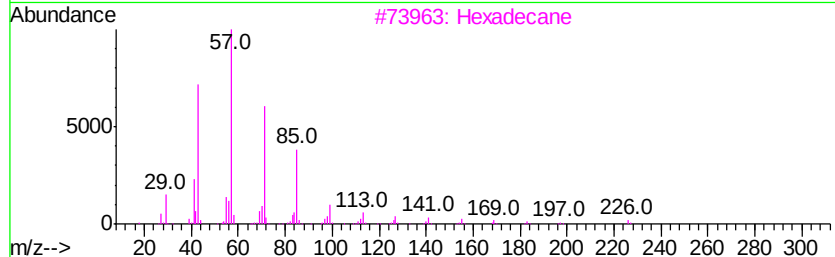
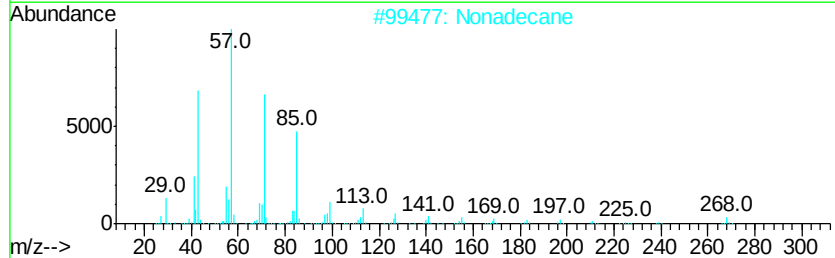
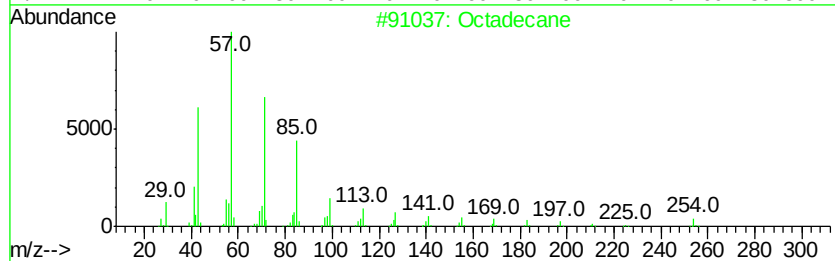
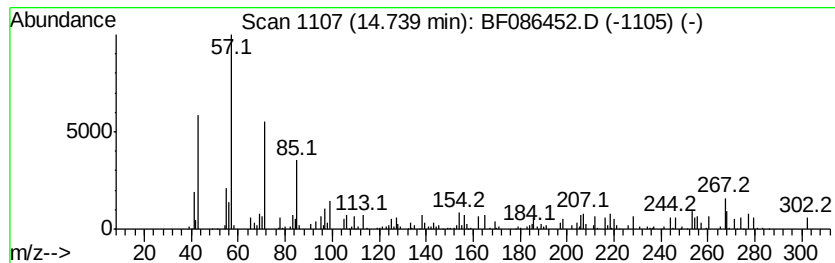
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.47 ng	76464	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	78
2		Nonadecane	268	C19H40	000629-92-5	60
3		Hexadecane	226	C16H34	000544-76-3	55
4		Pentadecane	212	C15H32	000629-62-9	55
5		Tetradecane	198	C14H30	000629-59-4	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086452.D
Acq On : 28 Apr 2016 4:46
Operator : UM/SJ
Sample : H2707-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RICHMOND-AMBOY-SB04(0.5-6.0)

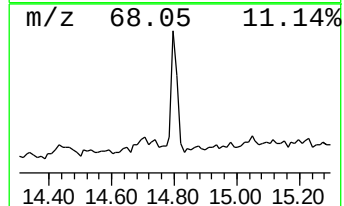
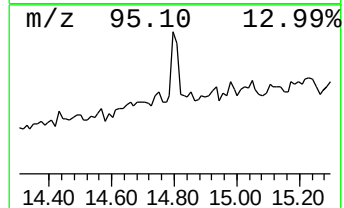
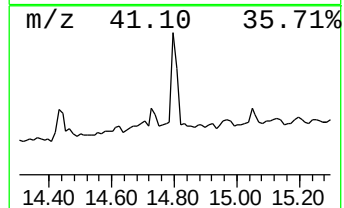
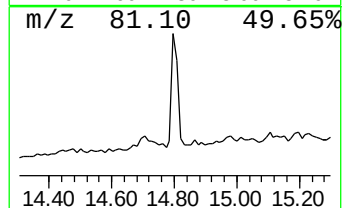
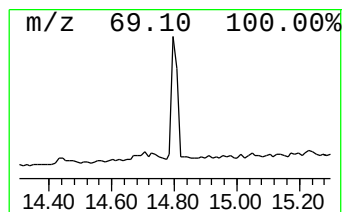
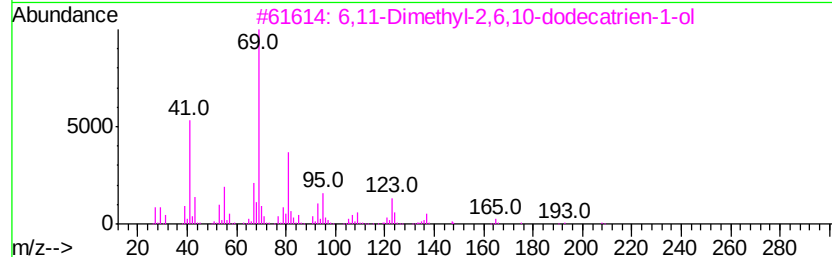
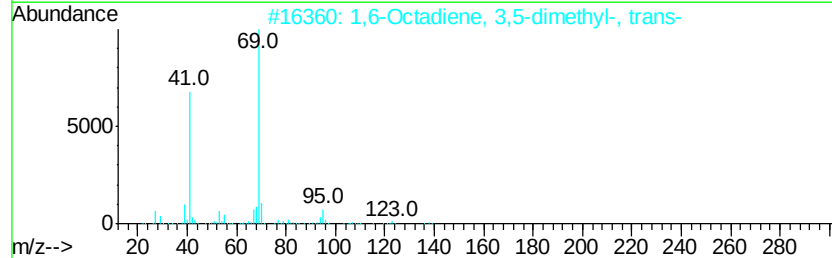
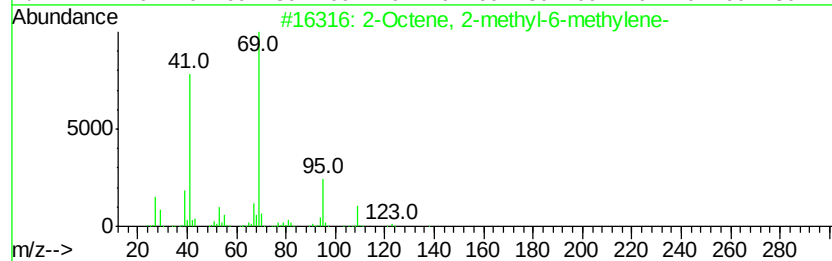
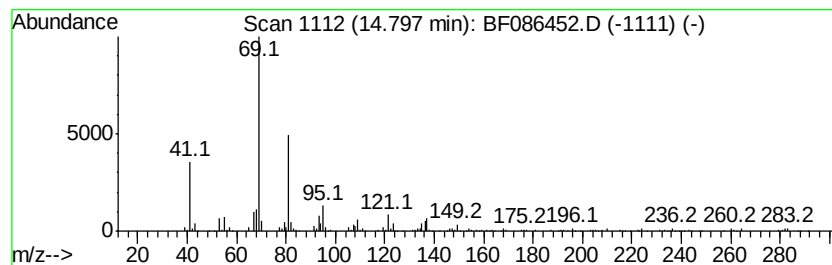
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Octene, 2-methyl-6-methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.50 ng	108315	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	64
2			1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	64
3			6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	64
4			1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	59
5			2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
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Acq On : 28 Apr 2016 4:46
Operator : UM/SJ
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RICHMOND-AMBOY-SB04(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	2.6	ng	106138	1	6.81	822395	20.0
unknown6.58	6.58	87.7	ng	3603980	1	6.81	822395	20.0
Hexanoic acid, 2-...	7.47	2.5	ng	118890	2	8.09	970790	20.0
Hexadecane	10.28	2.6	ng	106084	3	9.85	811871	20.0
Pentadecane, 2,6,...	10.50	2.0	ng	82965	3	9.85	811871	20.0
Eicosane	10.75	5.9	ng	199335	4	11.32	677928	20.0
Heneicosane	13.49	2.0	ng	93682	5	13.95	926789	20.0
Tetracontane, 3,5...	13.81	5.8	ng	267686	5	13.95	926789	20.0
Octadecane	14.74	2.5	ng	76464	6	15.37	618459	20.0
2-Octene, 2-methy...	14.80	3.5	ng	108315	6	15.37	618459	20.0