

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086394.D
 Acq On : 23 Apr 2016 17:00
 Operator : UM/SJ
 Sample : H2640-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B11(4-8)-C

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-BF042216.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	5.024	255	257	267	rBV	614104	976243	18.53%	2.036%
2	5.447	291	294	296	rBV	4376832	4947734	93.91%	10.317%
3	5.847	327	329	332	rBV	95081	89340	1.70%	0.186%
4	6.476	381	384	387	rBV	3326314	4944535	93.85%	10.311%
5	6.613	393	396	398	rBV	4870181	5111276	97.02%	10.658%
6	6.842	414	416	421	rBV	1173610	1117049	21.20%	2.329%
7	7.002	427	430	432	rBV	3776635	3977156	75.49%	8.294%
8	7.413	462	466	468	rBV	2156819	3209906	60.93%	6.694%
9	7.493	472	473	482	rVB	56678	136030	2.58%	0.284%
10	8.122	526	528	531	rBV	1115117	1348651	25.60%	2.812%
11	8.236	537	538	546	rVB4	26910	55632	1.06%	0.116%
12	9.208	620	623	625	rBV	4419403	5268475	100.00%	10.986%
13	9.345	632	635	643	rVB3	28033	86577	1.64%	0.181%
14	9.596	655	657	659	rBV	604144	508660	9.65%	1.061%
15	9.882	679	682	684	rBV	1180954	1426049	27.07%	2.974%
16	10.316	718	720	721	rVB	77756	66764	1.27%	0.139%
17	10.534	736	739	742	rBV	37215	58698	1.11%	0.122%
18	10.659	748	750	753	rBV2	1812076	2564916	48.68%	5.349%
19	10.785	759	761	767	rVB	114575	139891	2.66%	0.292%
20	11.231	798	800	802	rBV	65853	67965	1.29%	0.142%
21	11.356	809	811	817	rBV	1136580	1425330	27.05%	2.972%
22	12.454	902	907	909	rBV2	38285	79515	1.51%	0.166%
23	12.568	914	917	920	rBV	159597	184694	3.51%	0.385%
24	12.797	932	937	938	rBV2	142078	243060	4.61%	0.507%
25	12.819	938	939	944	rVB2	53400	95976	1.82%	0.200%
26	12.945	947	950	962	rVV	3444839	3896426	73.96%	8.125%
27	13.185	968	971	973	rBV2	69463	114615	2.18%	0.239%
28	13.482	994	997	999	rBV	37807	71551	1.36%	0.149%
29	13.517	999	1000	1003	rVV	116087	143699	2.73%	0.300%
30	13.791	1022	1024	1026	rBV	78346	88809	1.69%	0.185%
31	13.848	1026	1029	1034	rBV3	572882	1005069	19.08%	2.096%
32	13.985	1038	1041	1048	rBV2	898839	1517816	28.81%	3.165%
33	14.168	1054	1057	1059	rBV	267984	304570	5.78%	0.635%
34	14.465	1081	1083	1085	rBV	324632	372723	7.07%	0.777%

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35	14.625	1095	1097	1099	rBV	126232	156348	2.97%	0.326%
36	14.762	1107	1109	1112	rBV	287793	338962	6.43%	0.707%
37	14.842	1113	1116	1118	rVV	101013	156674	2.97%	0.327%
38	15.003	1128	1130	1135	rBV	77531	211275	4.01%	0.441%
39	15.083	1135	1137	1140	rVV	204043	303619	5.76%	0.633%
40	15.403	1163	1165	1167	rBV	415868	692453	13.14%	1.444%
41	15.448	1167	1169	1174	rVB2	192916	292142	5.55%	0.609%
42	15.860	1203	1205	1208	rBV	106012	158197	3.00%	0.330%

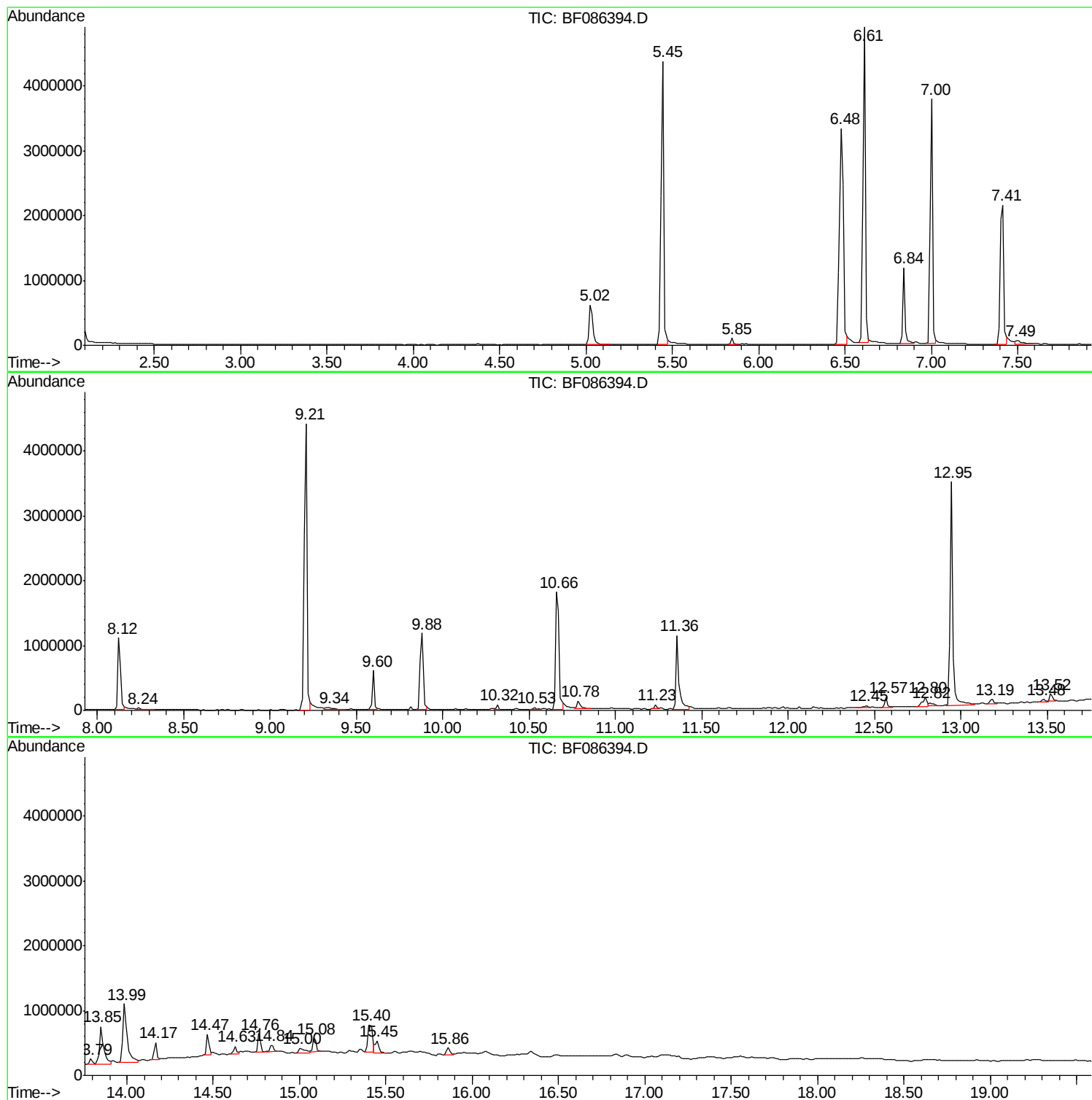
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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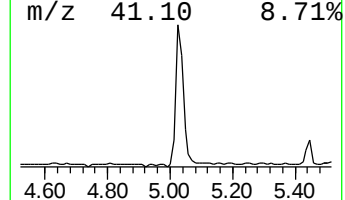
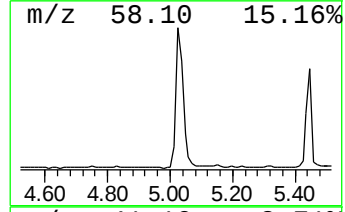
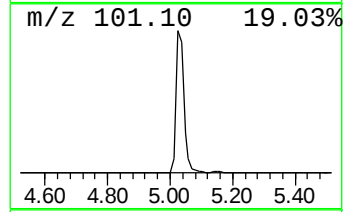
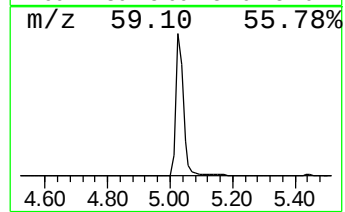
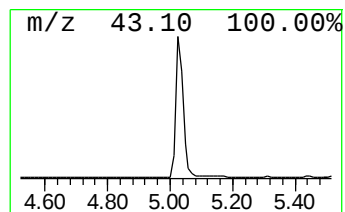
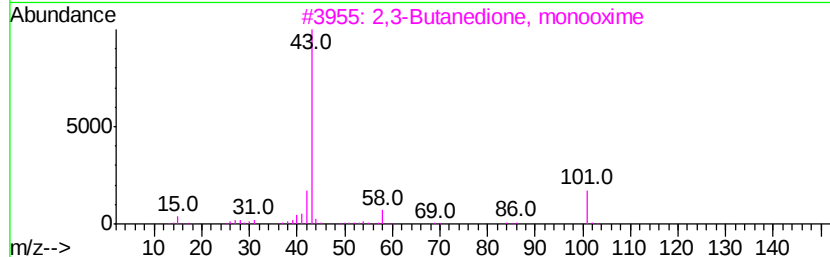
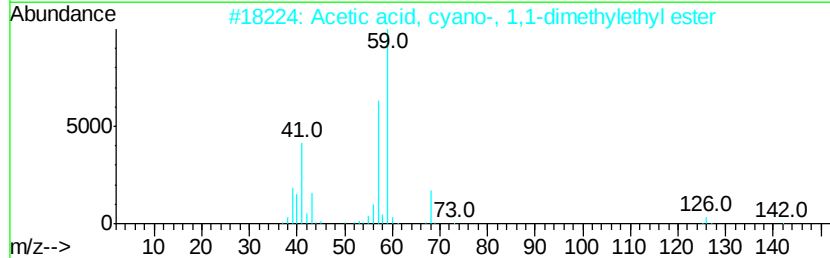
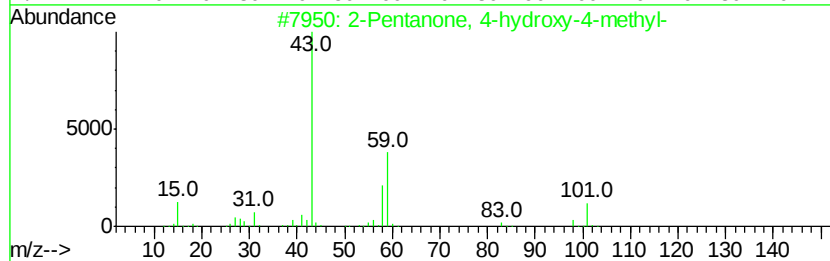
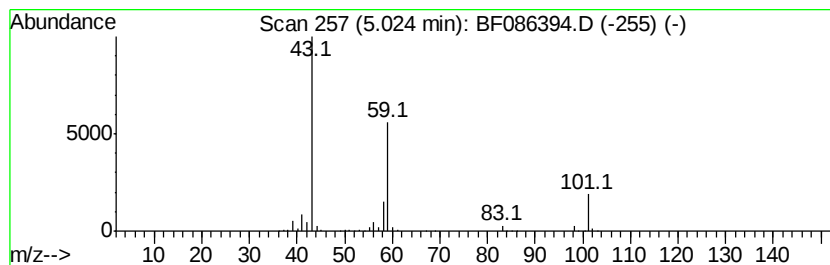
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.02	17.48 ng	976243	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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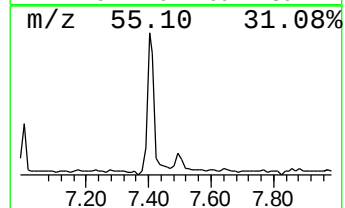
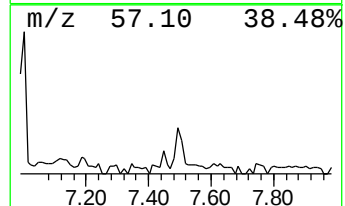
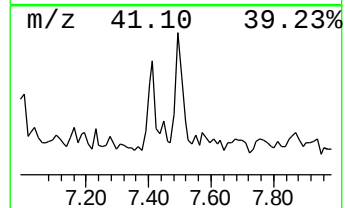
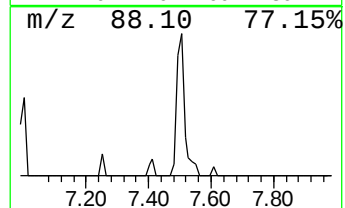
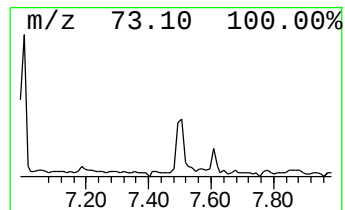
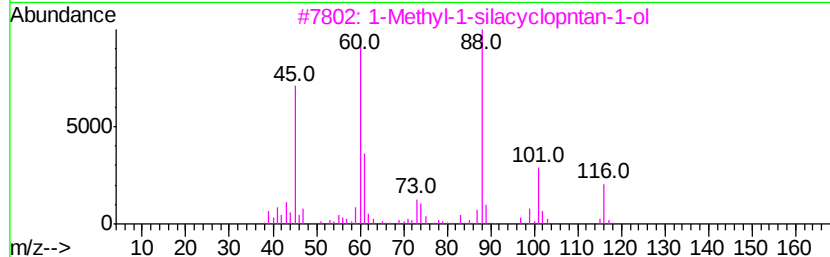
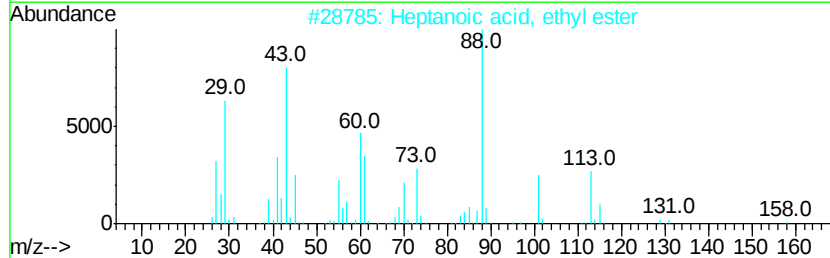
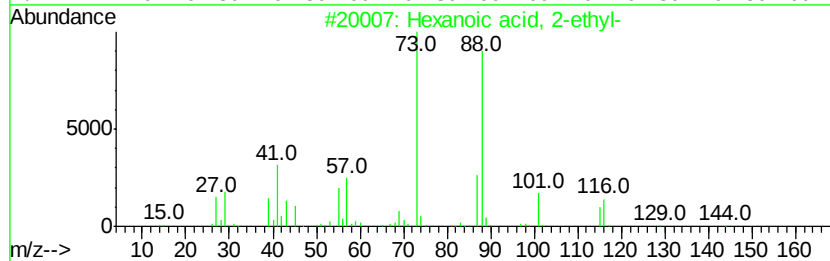
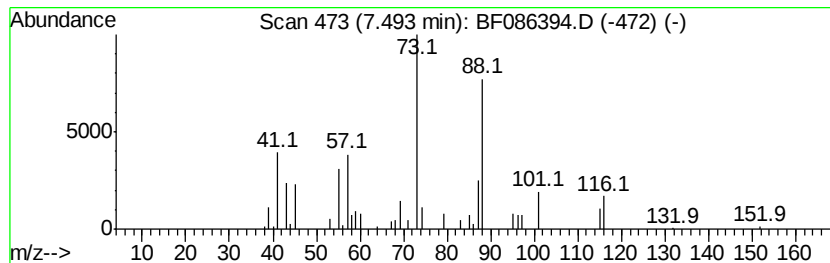
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Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	2.02 ng	136030	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2		Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	39
3		1-Methyl-1-silacyclopentan-1-ol	116	C5H12OSi	1000216-84-4	28
4		Heptanoic acid, 2,4-dimethyl-, m...	172	C10H20O2	018524-86-2	25
5		Heptanoic acid, 2,6-dimethyl-, m...	172	C10H20O2	033315-72-9	25



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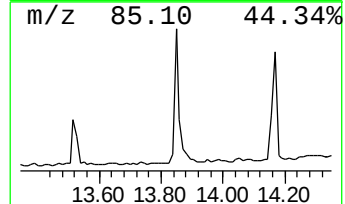
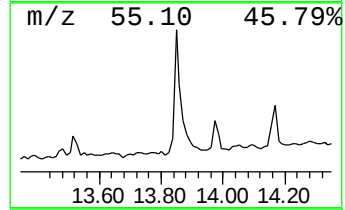
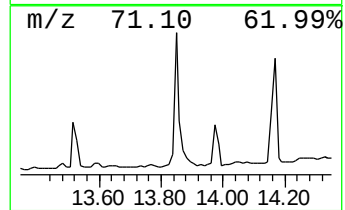
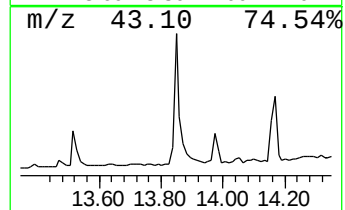
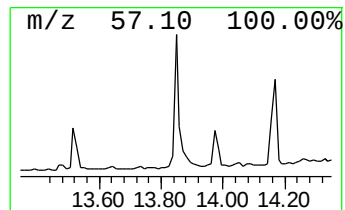
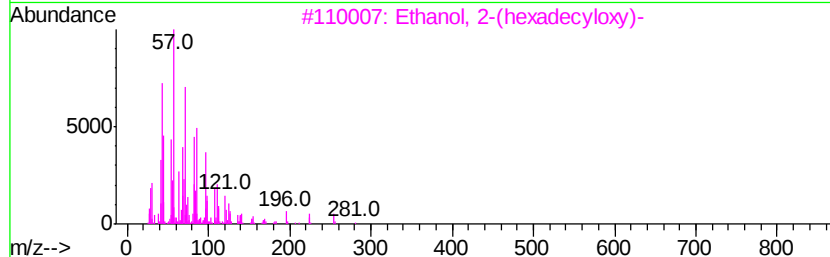
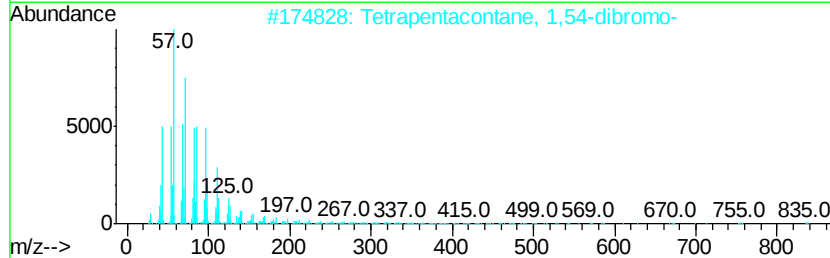
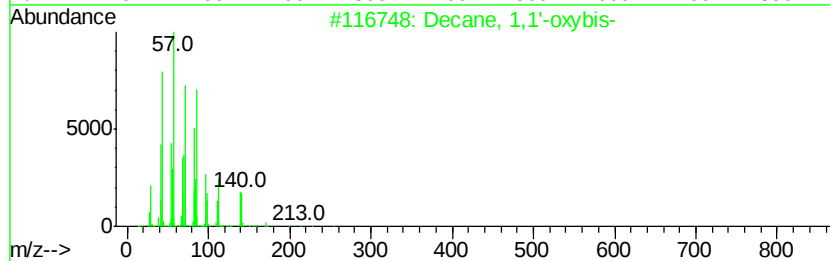
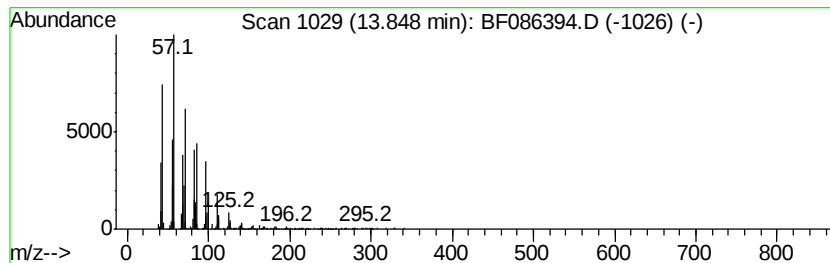
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 1,1'-oxybis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	13.24 ng	1005070	Chrysene-d12	13.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	87
2		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	87
3		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	87
4		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	70
5		1-Docosene	308	C22H44	001599-67-3	70



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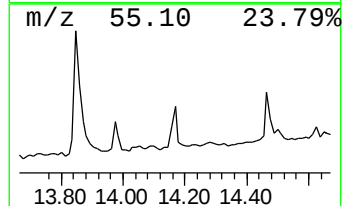
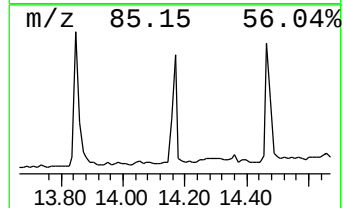
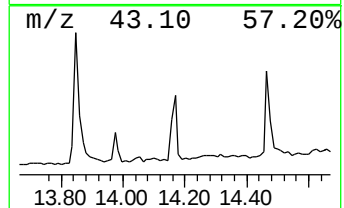
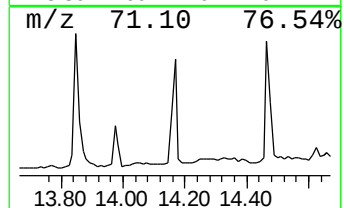
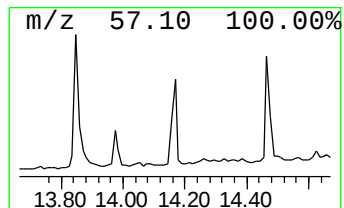
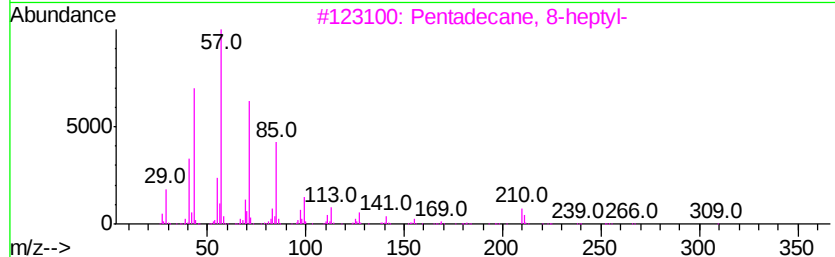
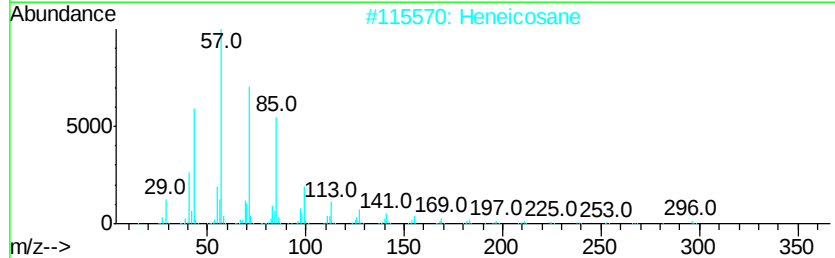
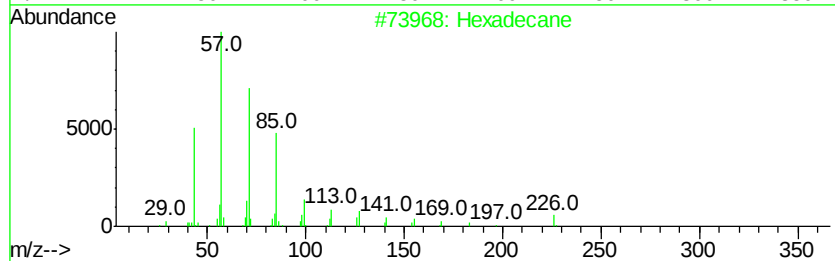
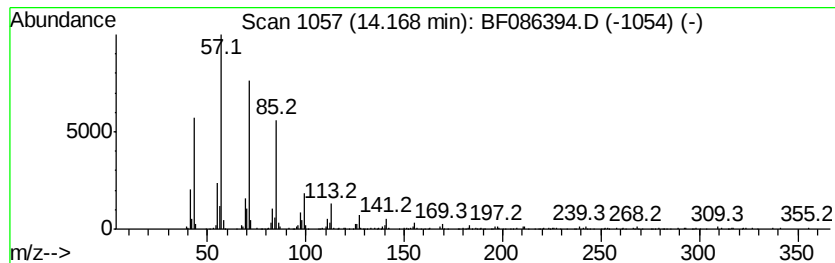
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	4.01 ng	304570	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Docosane	310	C22H46	000629-97-0	91
5		Tetracosane	338	C24H50	000646-31-1	91



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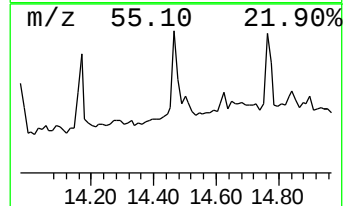
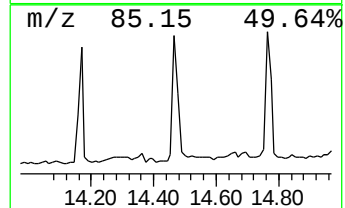
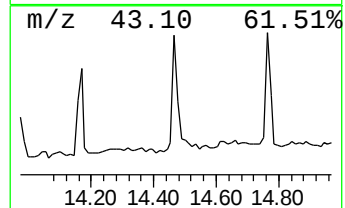
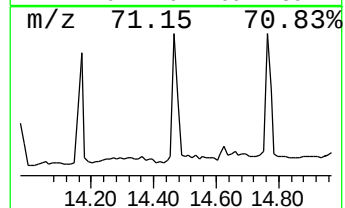
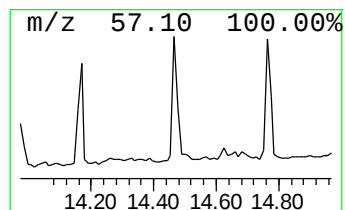
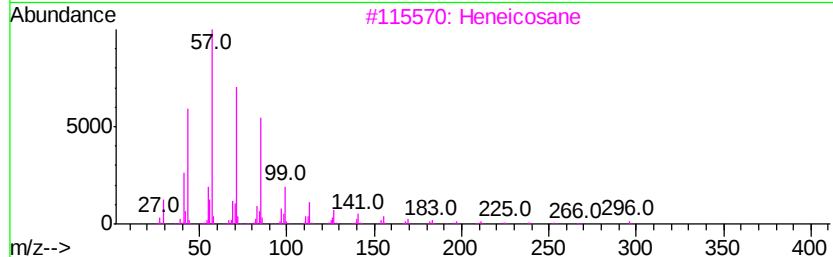
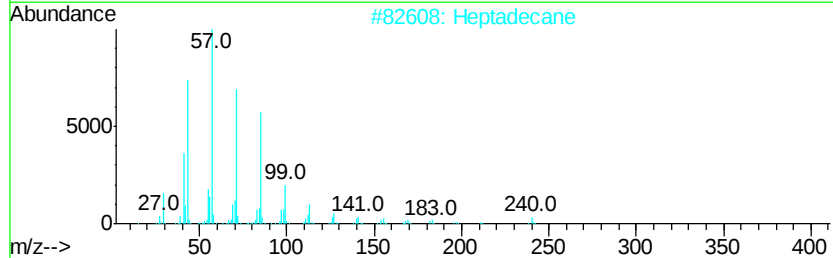
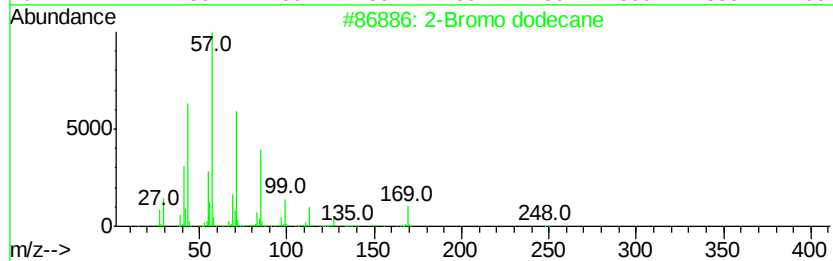
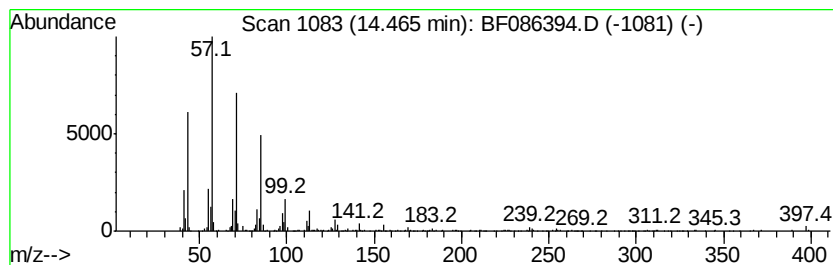
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 2-Bromo dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	4.91 ng	372723	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2		Heptadecane	240	C17H36	000629-78-7	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086394.D
Acq On : 23 Apr 2016 17:00
Operator : UM/SJ
Sample : H2640-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
WPG-B11(4-8)-C

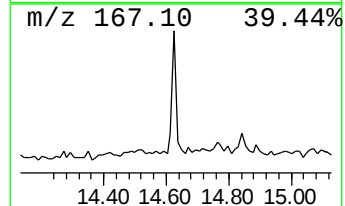
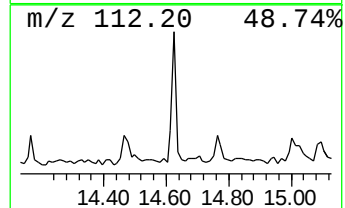
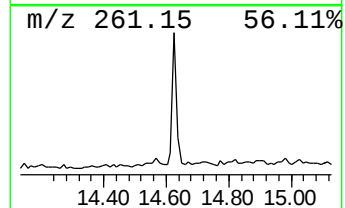
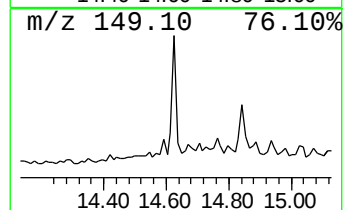
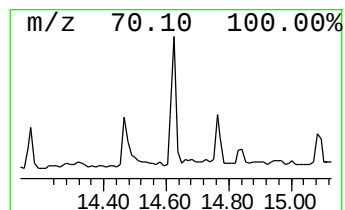
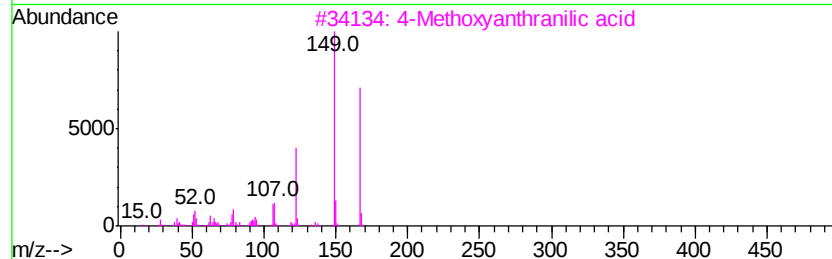
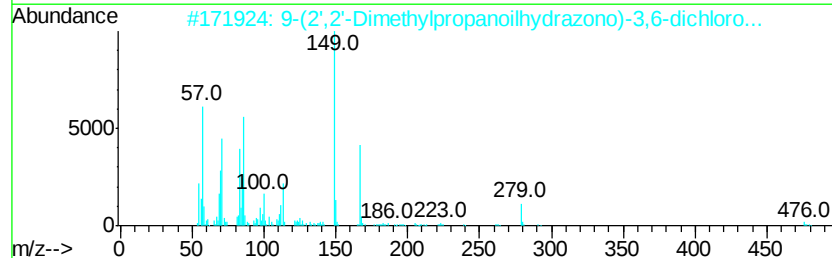
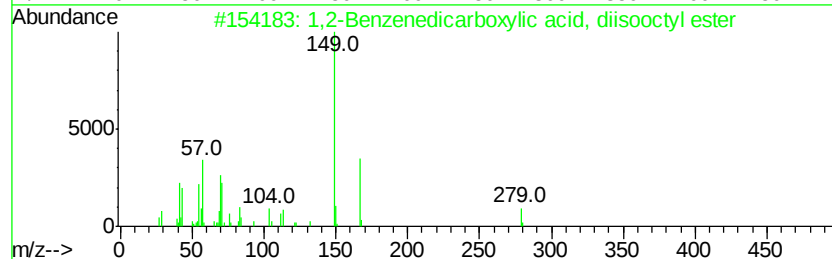
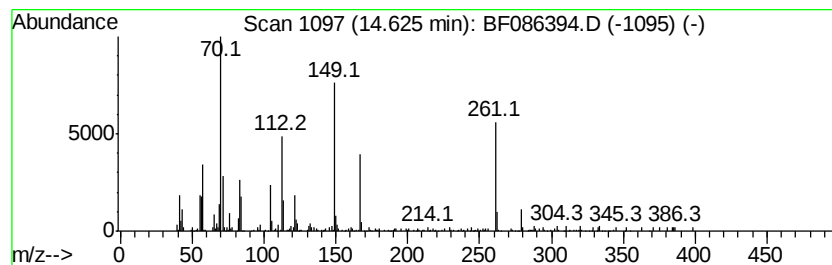
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown14.63 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.06 ng	156348	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	35
2		9-(2',2'-Dimethylpropanoilhydraz...	576	C30H42Cl2N4O3	1000111-04-6	22
3		4-Methoxyvanthranilic acid	167	C8H9NO3	004294-95-5	22
4		Cyclohexaneamine, N-but-2-enylid...	167	C10H17NO	068048-01-1	22
5		Acetic acid, [4-(4-methyl-1-pipe...	262	C14H18N2O3	346699-90-9	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086394.D
Acq On : 23 Apr 2016 17:00
Operator : UM/SJ
Sample : H2640-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

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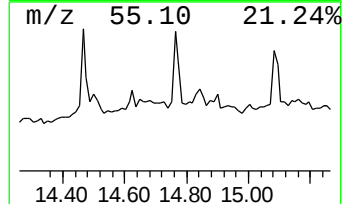
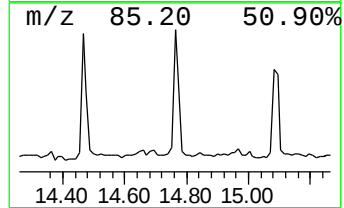
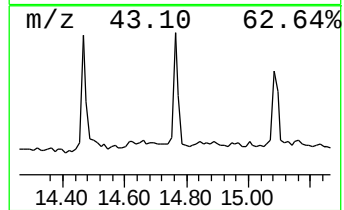
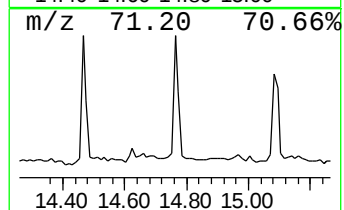
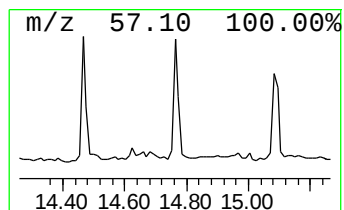
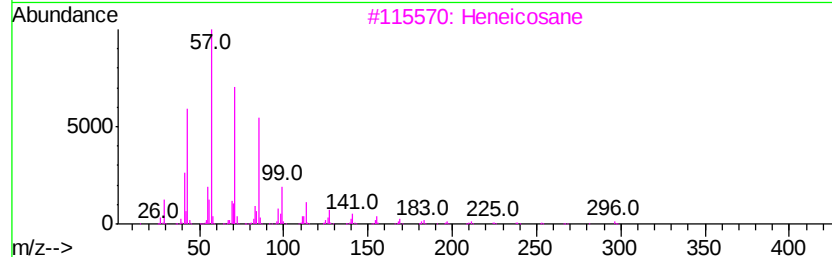
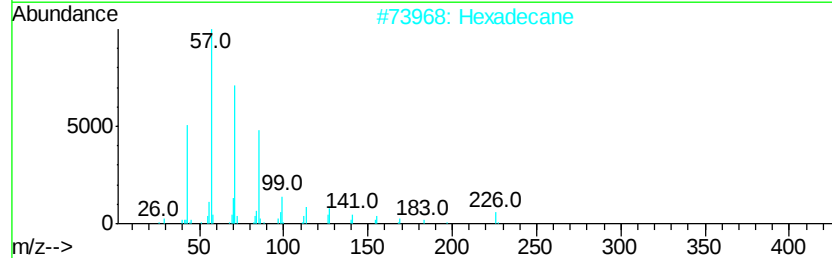
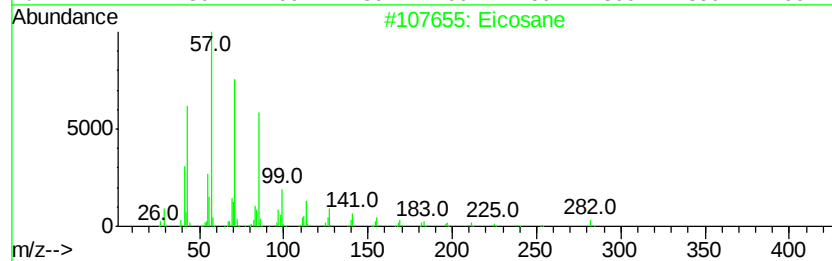
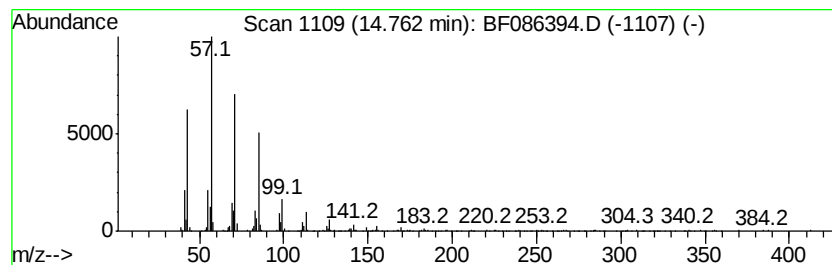
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	9.79 ng	338962	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086394.D
Acq On : 23 Apr 2016 17:00
Operator : UM/SJ
Sample : H2640-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WPG-B11(4-8)-C

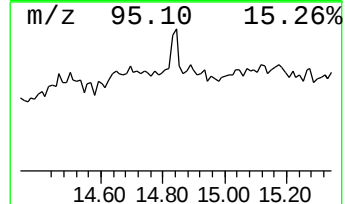
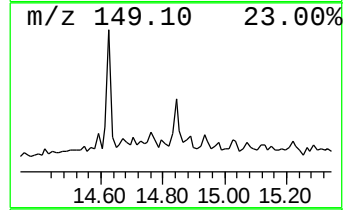
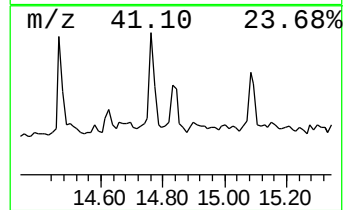
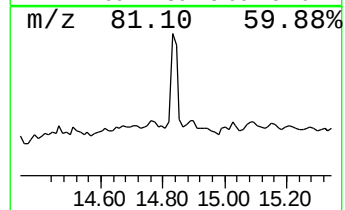
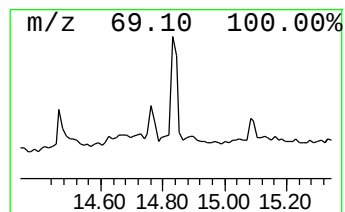
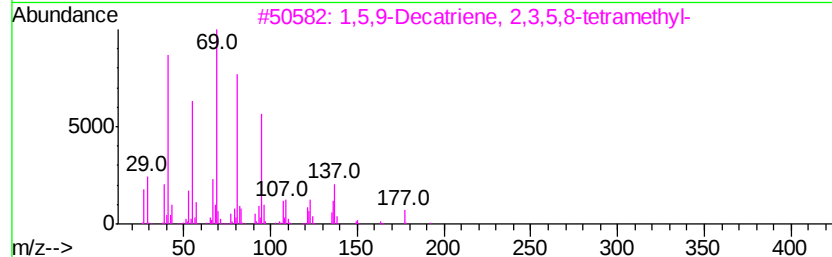
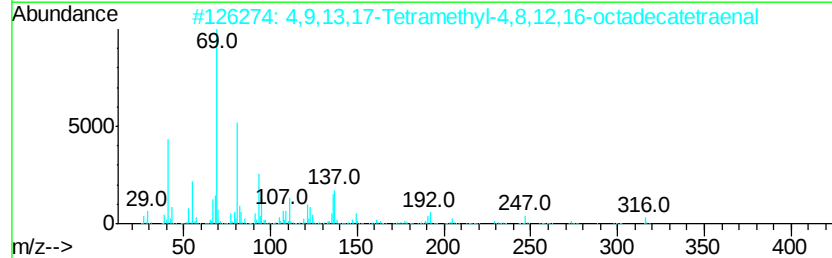
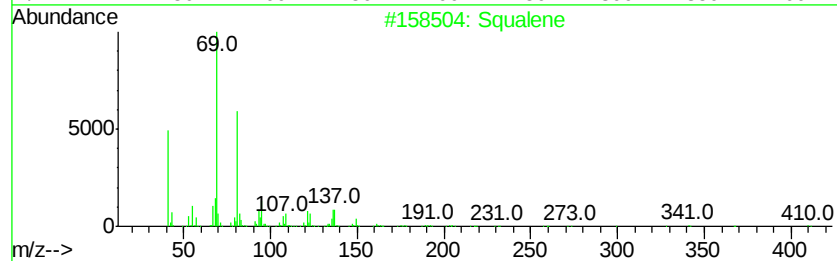
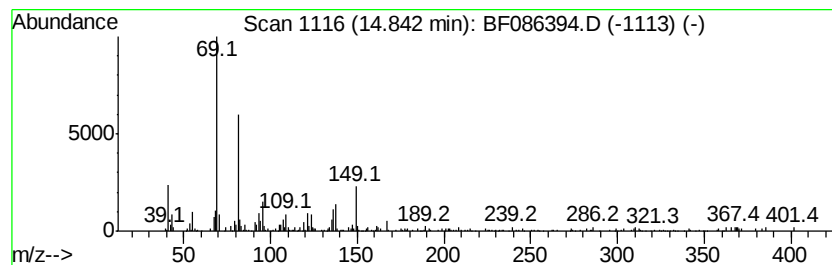
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	4.53 ng	156674	Perylene-d12	15.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	007683-64-9	74
2			4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	64
3			1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	62
4			2,5,9,13-Tetramethyl-tetradeca-4...	292	C19H32O2	055844-49-0	53
5			2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086394.D
Acq On : 23 Apr 2016 17:00
Operator : UM/SJ
Sample : H2640-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

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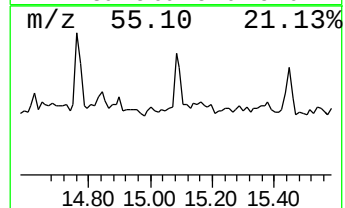
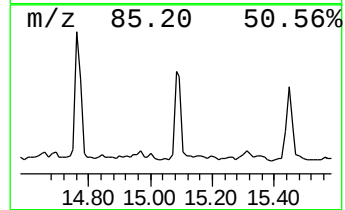
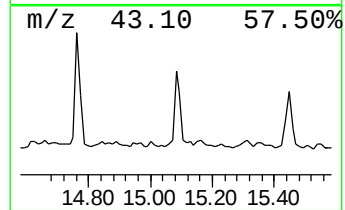
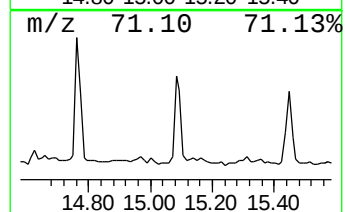
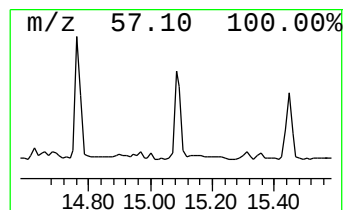
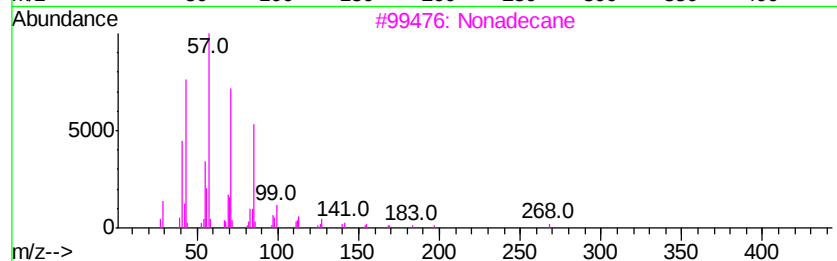
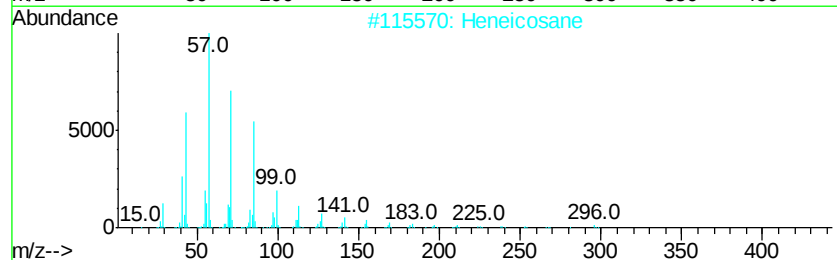
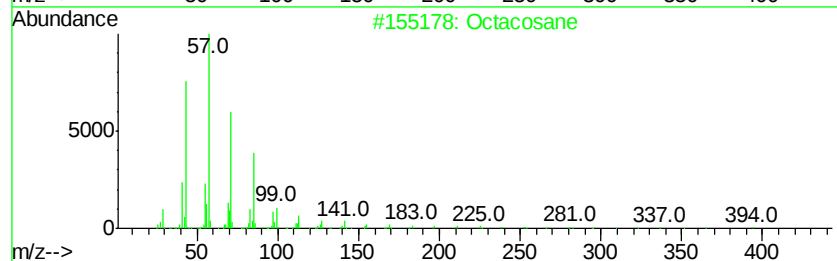
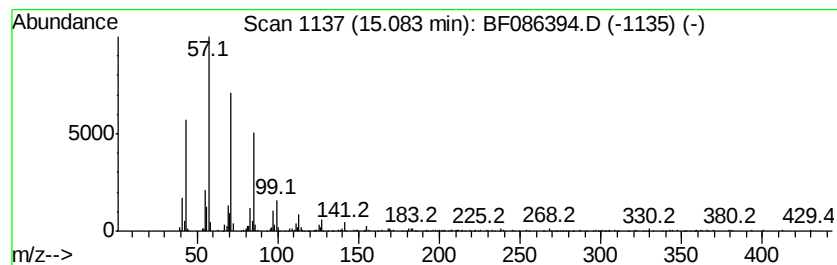
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	8.77 ng	303619	Perylene-d12	15.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	87
2			Heneicosane	296	C21H44	000629-94-7	87
3			Nonadecane	268	C19H40	000629-92-5	87
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5			Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086394.D
Acq On : 23 Apr 2016 17:00
Operator : UM/SJ
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WPG-B11(4-8)-C

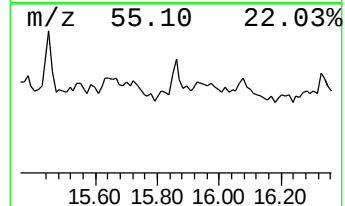
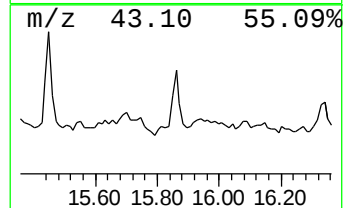
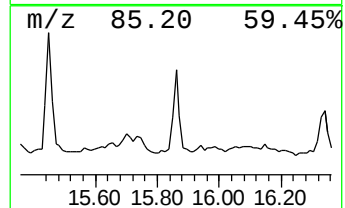
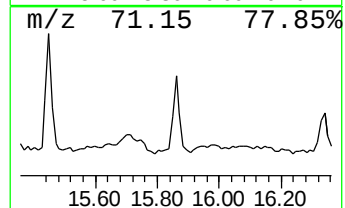
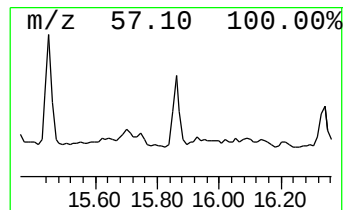
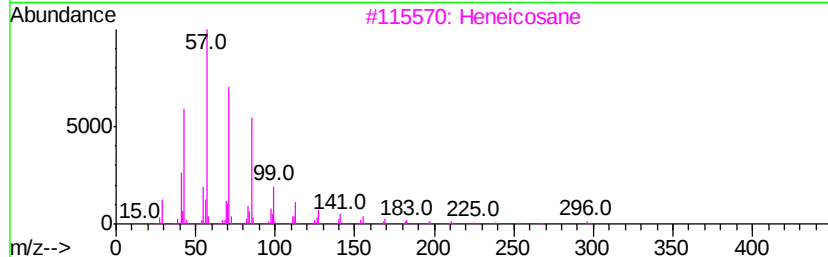
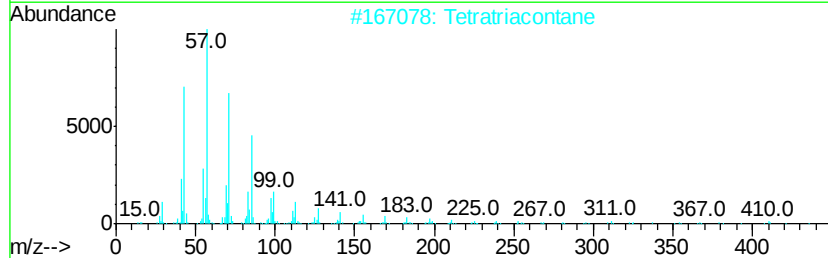
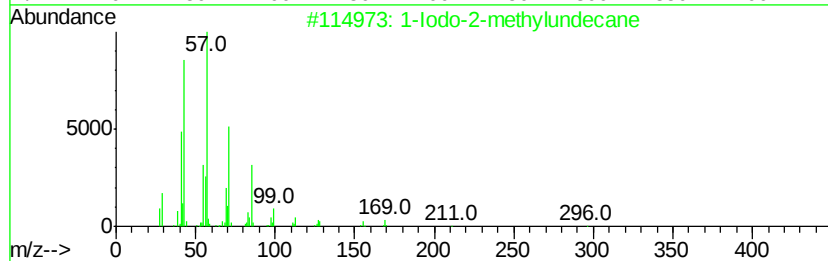
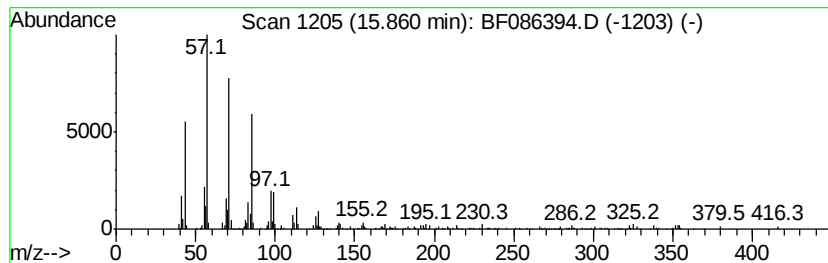
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Iodo-2-methylundecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	4.57 ng	158197	Perylene-d12	15.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
2			Tetratriacontane	479	C34H70	014167-59-0	86
3			Heneicosane	296	C21H44	000629-94-7	83
4			Octadecane	254	C18H38	000593-45-3	83
5			Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086394.D
Acq On : 23 Apr 2016 17:00
Operator : UM/SJ
Sample : H2640-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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
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Hexanoic acid, 2-...	7.49	2.0	ng	136030	2	8.12	1348650	20.0
Decane, 1,1'-oxybis-	13.85	13.2	ng	1005070	5	13.99	1517820	20.0
Hexadecane	14.17	4.0	ng	304570	5	13.99	1517820	20.0
2-Bromo dodecane	14.47	4.9	ng	372723	5	13.99	1517820	20.0
unknown14.63	14.63	2.1	ng	156348	5	13.99	1517820	20.0
Eicosane	14.76	9.8	ng	338962	6	15.41	692453	20.0
Squalene	14.84	4.5	ng	156674	6	15.41	692453	20.0
Octacosane	15.08	8.8	ng	303619	6	15.41	692453	20.0
1-Iodo-2-methylun...	15.86	4.6	ng	158197	6	15.41	692453	20.0