

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082620.D
 Acq On : 31 Oct 2015 14:36
 Operator : UM/IZ
 Sample : G4191-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-24-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-BF103015.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	4.213	183	186	196	rBV3	41638	113349	1.53%	0.163%
2	5.104	260	264	270	rVB	2255379	3197407	43.20%	4.603%
3	5.516	297	300	302	rBV	5685540	5972772	80.70%	8.599%
4	6.533	386	389	392	rVB	5303368	5923300	80.03%	8.528%
5	6.670	398	401	404	rVB	5913481	5865673	79.25%	8.445%
6	6.899	419	421	424	rBV	1574739	1560526	21.09%	2.247%
7	7.059	431	435	438	rBV	4651660	4491494	60.69%	6.467%
8	7.470	467	471	473	rBV	3027358	4361411	58.93%	6.279%
9	7.562	475	479	482	rVB	136939	269595	3.64%	0.388%
10	7.916	507	510	512	rBV	95412	109399	1.48%	0.158%
11	8.099	524	526	528	rBV	97784	102004	1.38%	0.147%
12	8.190	531	534	536	rVV	2247101	1949343	26.34%	2.807%
13	8.533	560	564	566	rBV	98647	135582	1.83%	0.195%
14	9.150	616	618	620	rVB	130918	122917	1.66%	0.177%
15	9.276	625	629	631	rBV	6630611	7401055	100.00%	10.656%
16	9.390	637	639	641	rVB2	120895	140237	1.89%	0.202%
17	9.665	660	663	665	rBV	2958314	2651577	35.83%	3.818%
18	9.950	685	688	690	rBV	2357179	2250637	30.41%	3.240%
19	10.156	701	706	707	rBV	63206	96091	1.30%	0.138%
20	10.396	725	727	728	rVB	76043	87020	1.18%	0.125%
21	10.739	754	757	759	rBV	4200108	4818521	65.11%	6.937%
22	10.865	766	768	772	rVB	130635	152625	2.06%	0.220%
23	10.956	774	776	778	rBV2	137601	129426	1.75%	0.186%
24	11.311	803	807	809	rBV	121114	147706	2.00%	0.213%
25	11.436	815	818	820	rVV	1973401	2140664	28.92%	3.082%
26	11.505	820	824	825	rVB2	40218	76010	1.03%	0.109%
27	11.665	836	838	842	rBV	632266	619198	8.37%	0.891%
28	11.745	842	845	848	rVB	57595	78270	1.06%	0.113%
29	11.802	848	850	852	rBV	130392	128174	1.73%	0.185%
30	11.974	862	865	867	rBV	841893	867329	11.72%	1.249%
31	12.145	876	880	882	rVB	49861	81815	1.11%	0.118%
32	12.488	908	910	917	rBV	1270965	1313140	17.74%	1.891%
33	12.682	922	927	932	rBV4	123920	372698	5.04%	0.537%
34	12.762	932	934	936	rBV	663980	811504	10.96%	1.168%

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35	12.854	941	942	945	rVV	425060	411412	5.56%	0.592%
36	13.025	954	957	959	rVB	6135512	5577908	75.37%	8.031%
37	13.265	974	978	980	rVB3	61590	129315	1.75%	0.186%
38	13.482	994	997	998	rBV	109688	113964	1.54%	0.164%
39	13.505	998	999	1002	rVB	59841	75800	1.02%	0.109%
40	13.562	1002	1004	1006	rBV	326231	287518	3.88%	0.414%
41	13.688	1014	1015	1017	rVB	113484	82313	1.11%	0.119%
42	13.928	1034	1036	1040	rBV	217782	364095	4.92%	0.524%
43	14.008	1040	1043	1045	rVB	68258	98576	1.33%	0.142%
44	14.077	1046	1049	1051	rVB	1626419	1565837	21.16%	2.254%
45	14.579	1091	1093	1096	rBV	129446	179668	2.43%	0.259%
46	14.888	1116	1120	1125	rBV	39759	75754	1.02%	0.109%
47	15.231	1147	1150	1151	rBV	71456	79498	1.07%	0.114%
48	15.540	1174	1177	1180	rBV	804042	1170984	15.82%	1.686%
49	16.545	1263	1265	1272	rVB3	34754	85391	1.15%	0.123%
50	17.426	1339	1342	1346	rVB	142391	270107	3.65%	0.389%
51	17.597	1353	1357	1361	rBV4	65105	168092	2.27%	0.242%
52	17.826	1372	1377	1383	rVB6	23420	100185	1.35%	0.144%
53	20.432	1600	1605	1610	rVB7	26897	82351	1.11%	0.119%

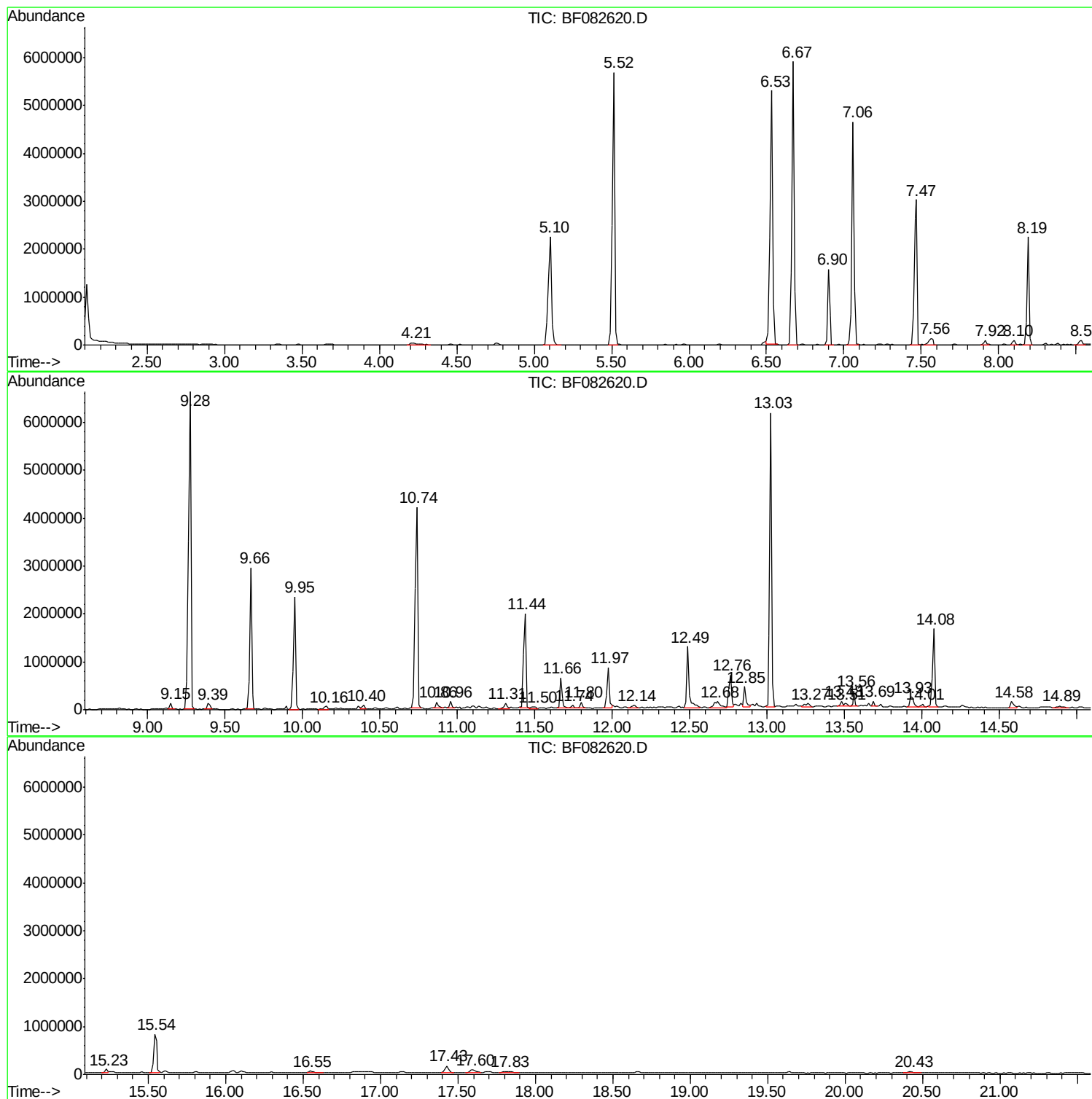
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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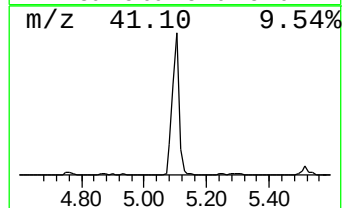
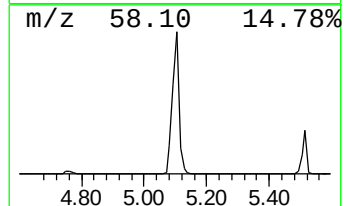
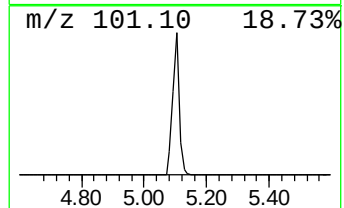
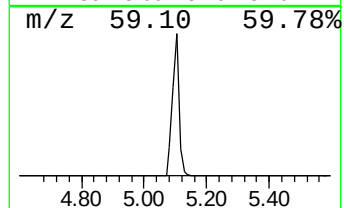
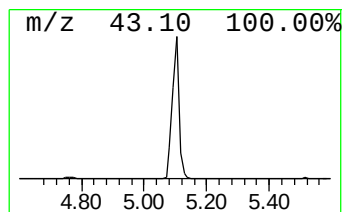
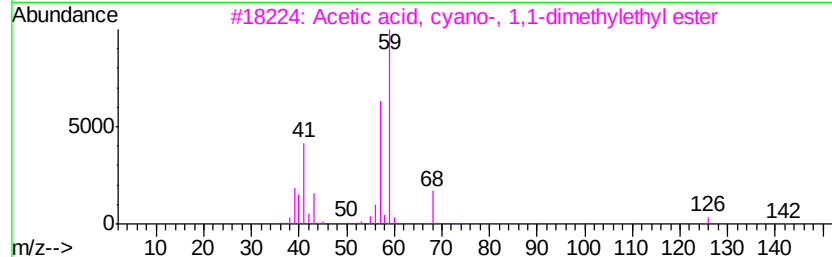
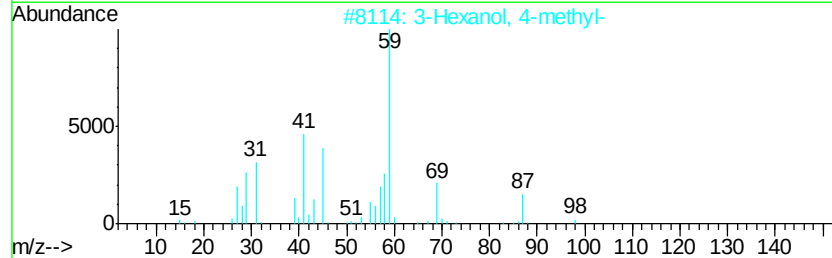
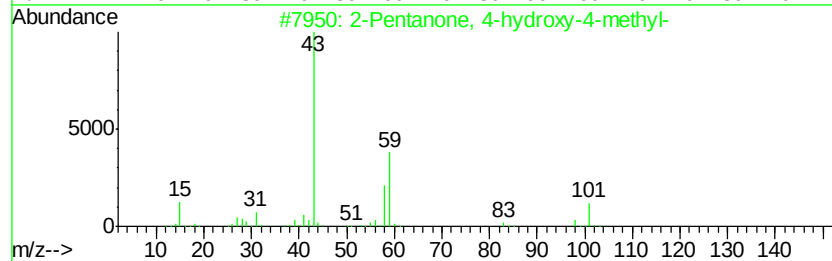
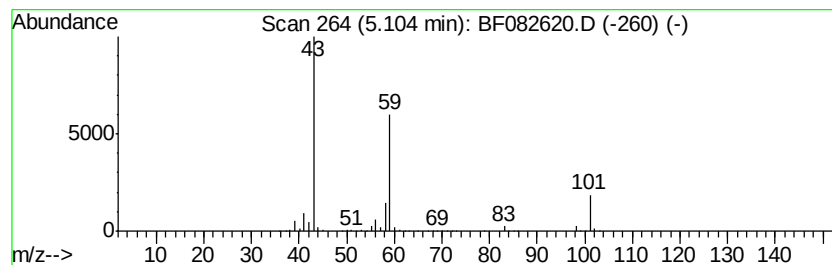
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.10	40.98 ng	3197410	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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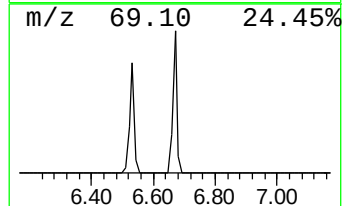
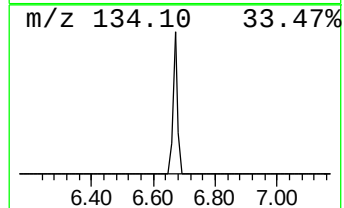
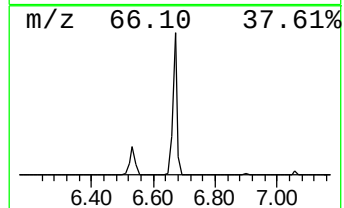
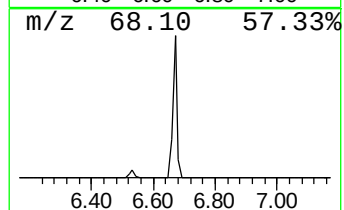
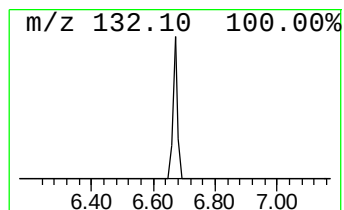
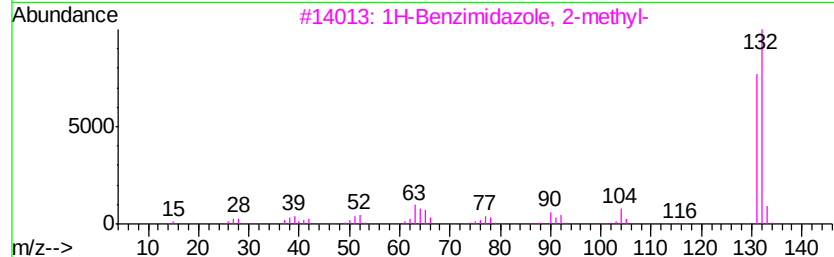
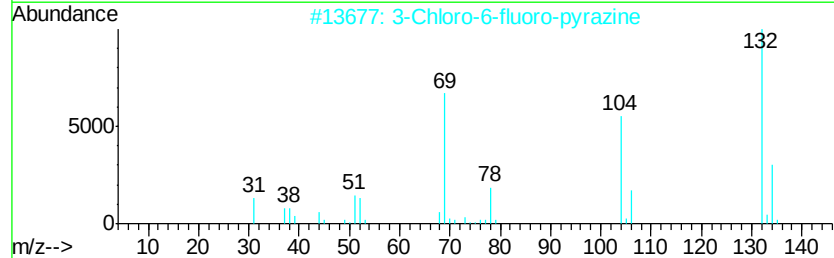
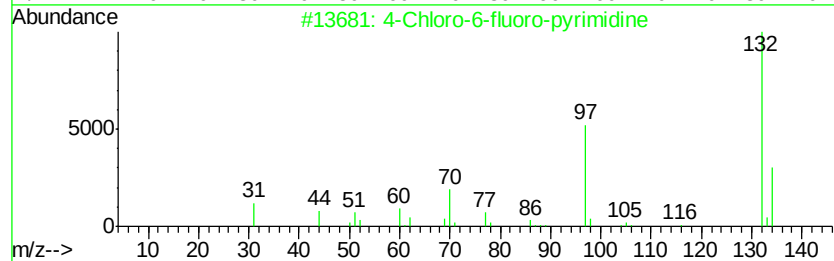
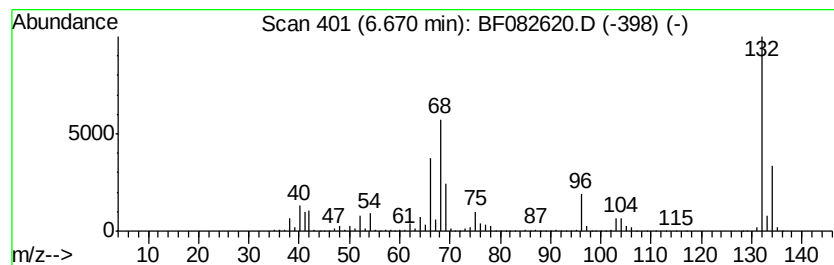
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TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	75.18 ng	5865670	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12



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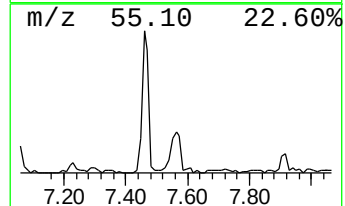
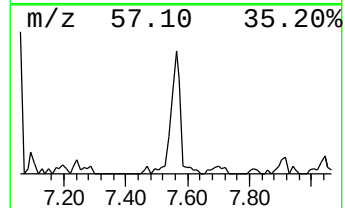
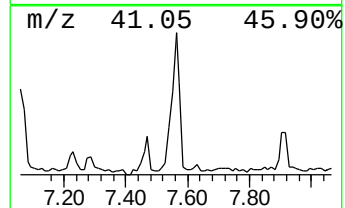
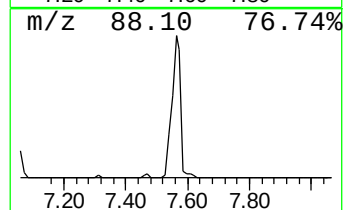
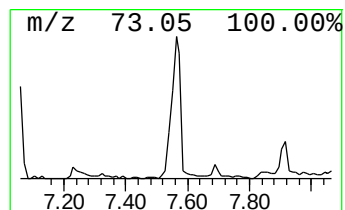
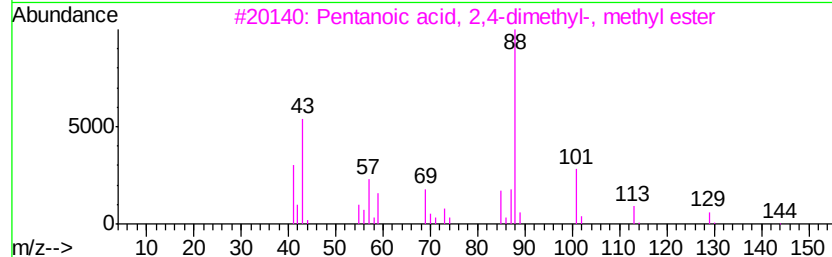
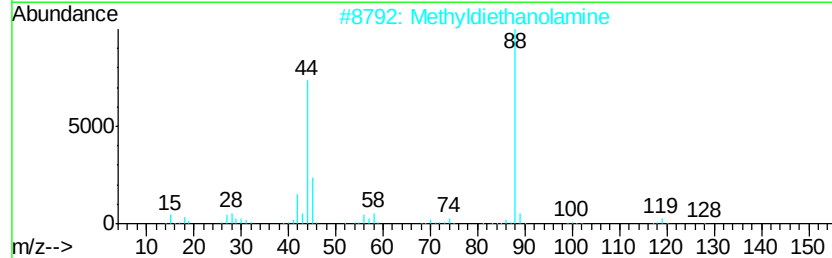
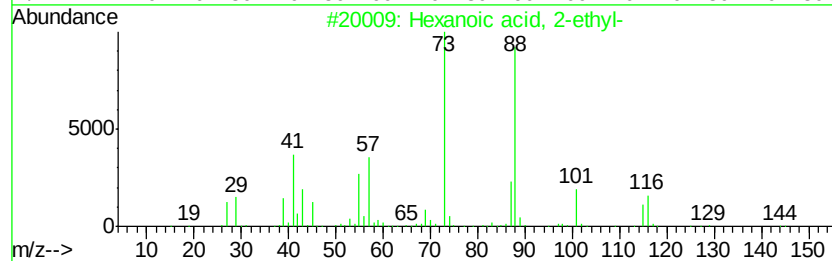
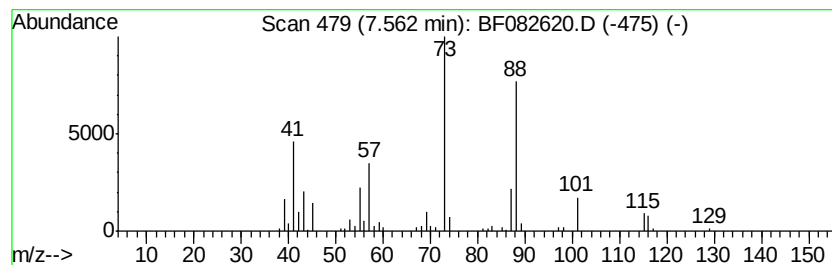
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	2.77 ng	269595	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2		Methyldiethanolamine	119	C5H13NO2	000105-59-9	47
3		Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	45
4		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45
5		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	40



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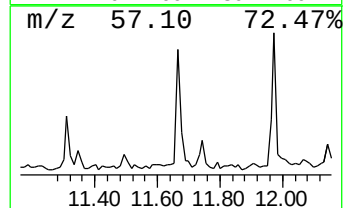
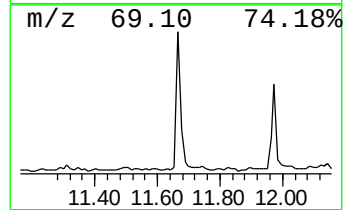
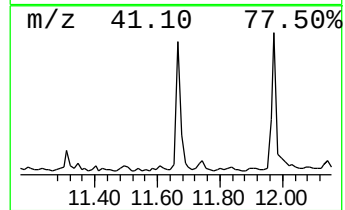
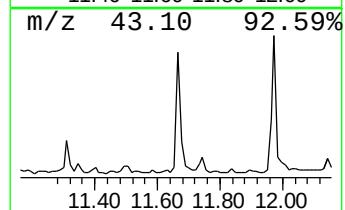
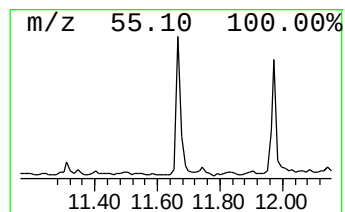
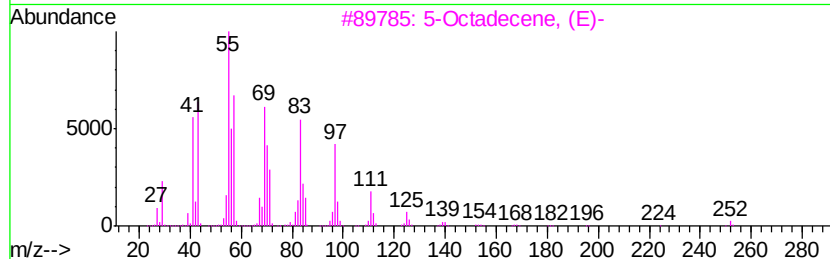
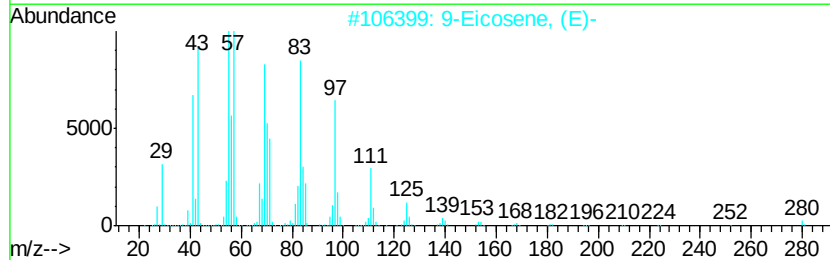
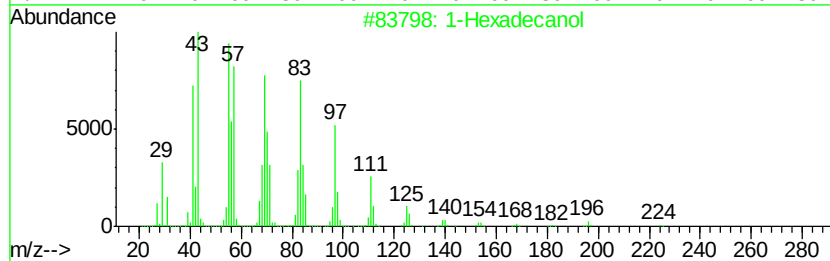
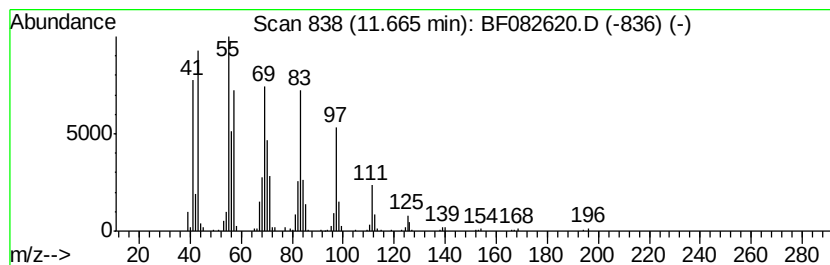
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 1-Hexadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	5.79 ng	619198	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexadecanol	242	C16H34O	036653-82-4	94
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3		5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4		9-Octadecene, (E)-	252	C18H36	007206-25-9	91
5		Cyclotetradecane	196	C14H28	000295-17-0	91



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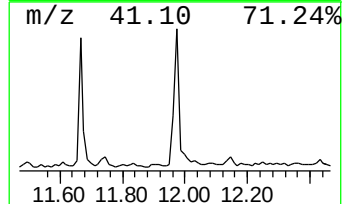
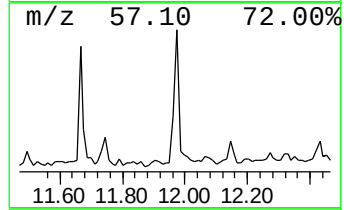
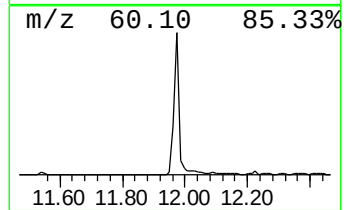
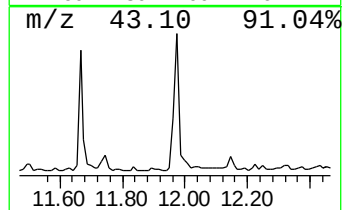
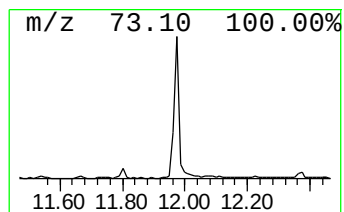
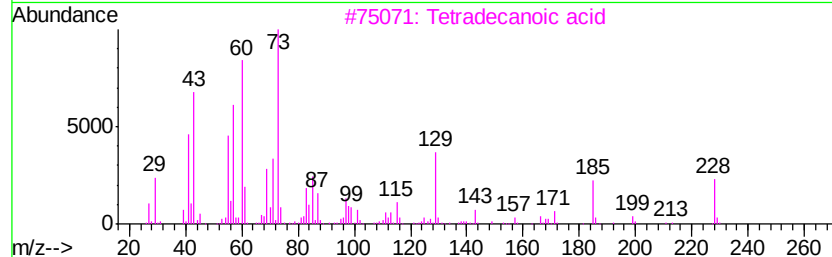
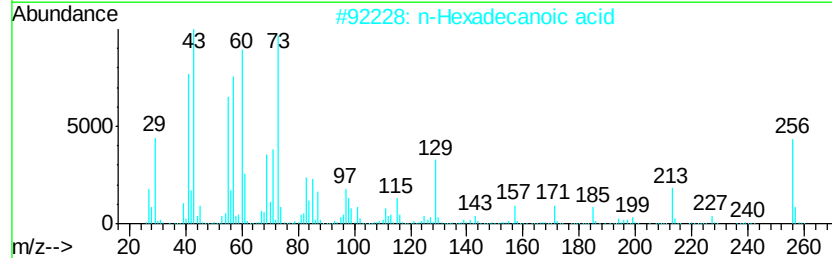
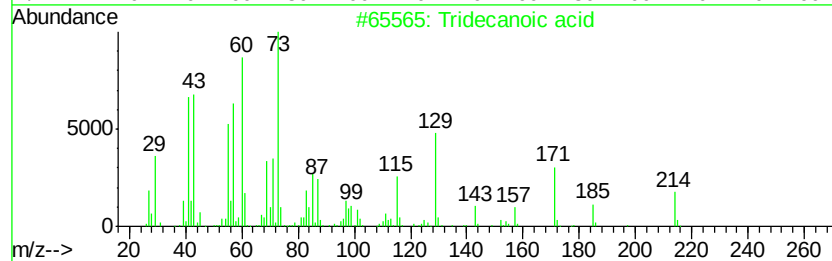
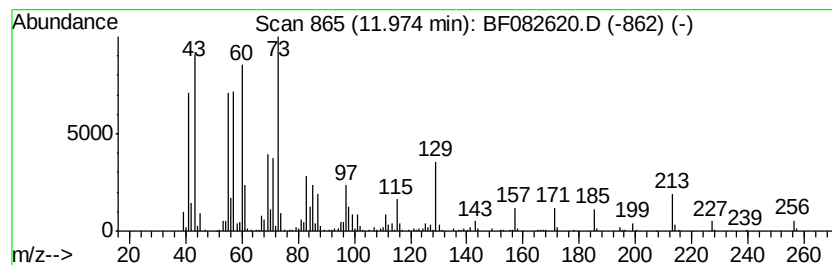
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ClientSampleId :
T-24-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.97	8.10 ng	867329	Phenanthrene-d10		11.44
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082620.D
Acq On : 31 Oct 2015 14:36
Operator : UM/IZ
Sample : G4191-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

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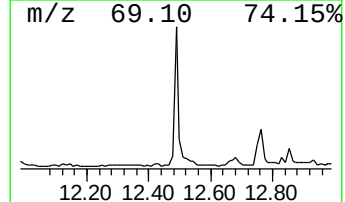
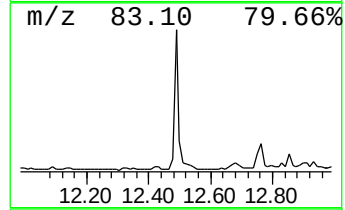
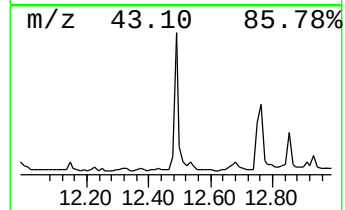
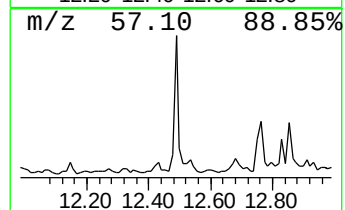
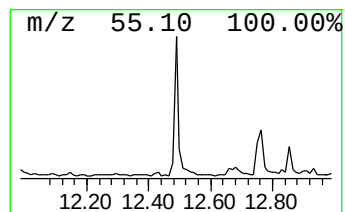
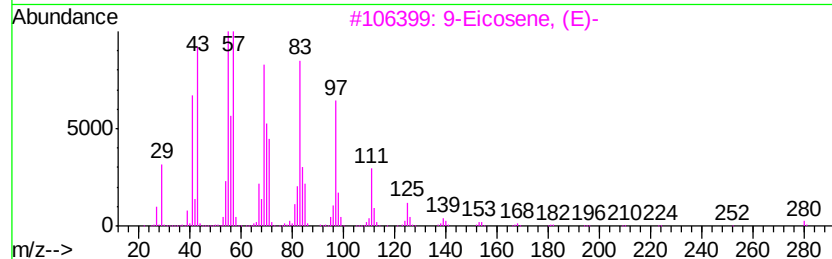
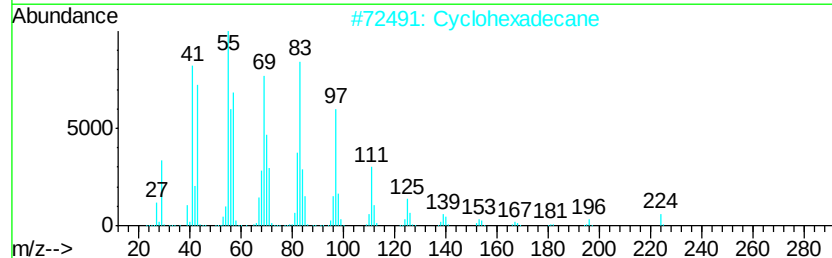
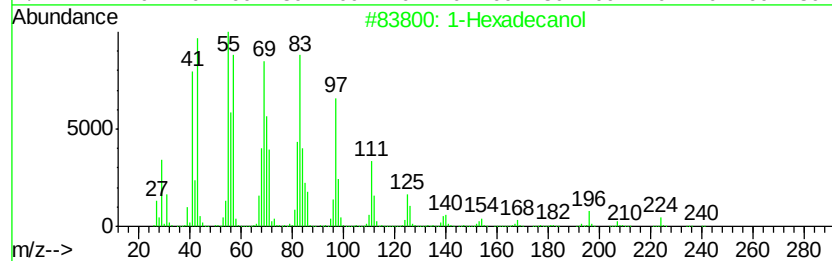
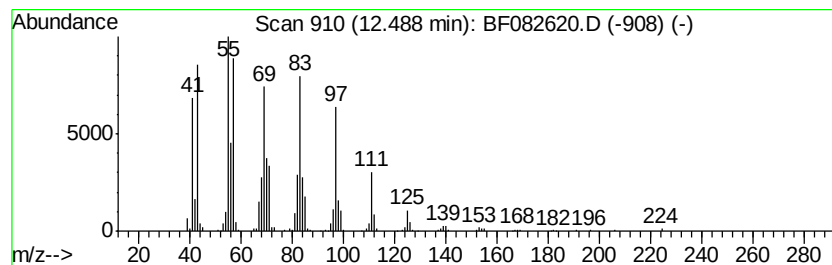
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	12.27 ng	1313140	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol		242	C16H34O	036653-82-4	91
2	Cyclohexadecane		224	C16H32	000295-65-8	91
3	9-Eicosene, (E)-		280	C20H40	074685-29-3	91
4	1-Nonadecene		266	C19H38	018435-45-5	91
5	1-Heptadecanol		256	C17H36O	001454-85-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
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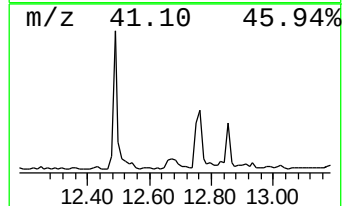
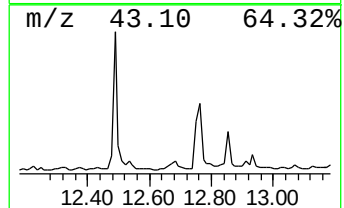
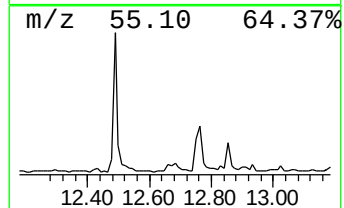
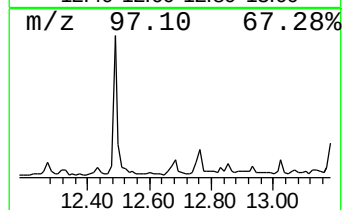
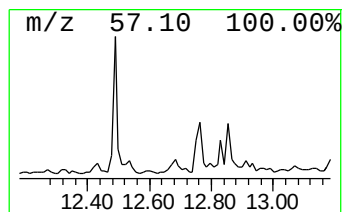
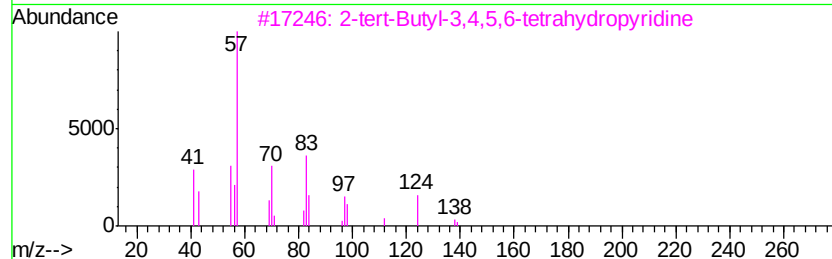
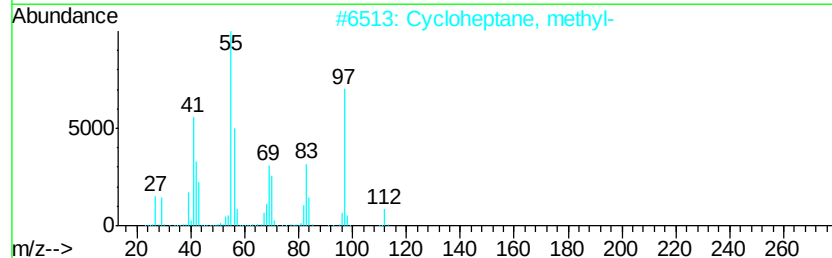
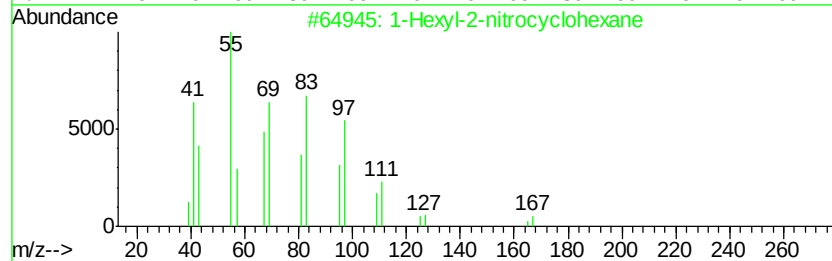
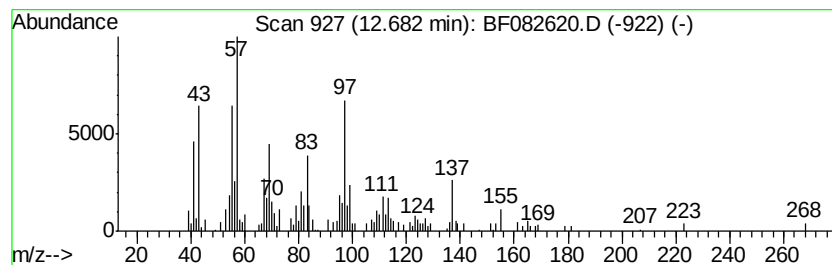
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.68 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	3.48 ng	372698	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	38
2		Cycloheptane, methyl-	112	C8H16	004126-78-7	25
3		2-tert-Butyl-3,4,5,6-tetrahydrop...	139	C9H17N	090949-17-0	18
4		2-Hexanone, 3-methyl-4-methylene-	126	C8H14O	020690-71-5	14
5		Thiophene-2-acetic acid, dodec-9...	306	C18H26O2S	1000282-82-8	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082620.D
Acq On : 31 Oct 2015 14:36
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Sample : G4191-04
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ClientSampleId :
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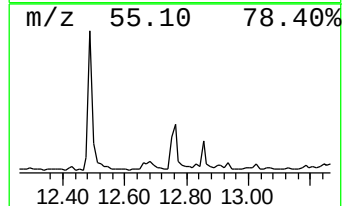
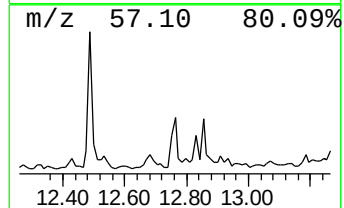
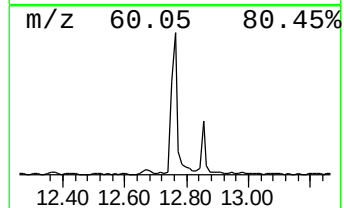
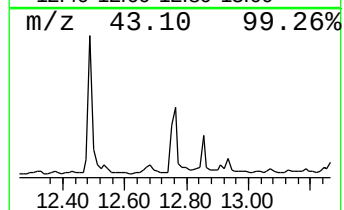
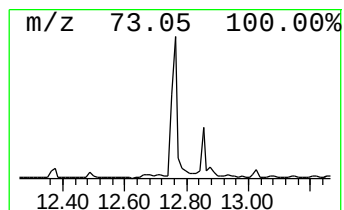
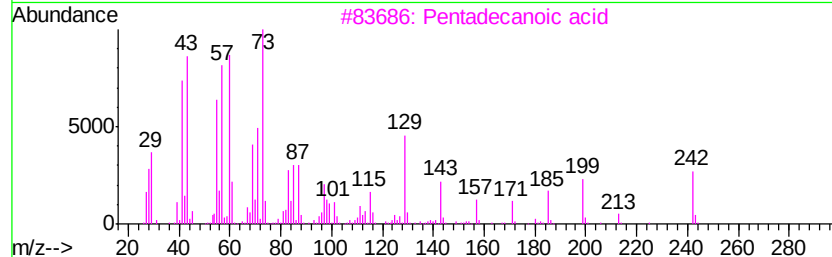
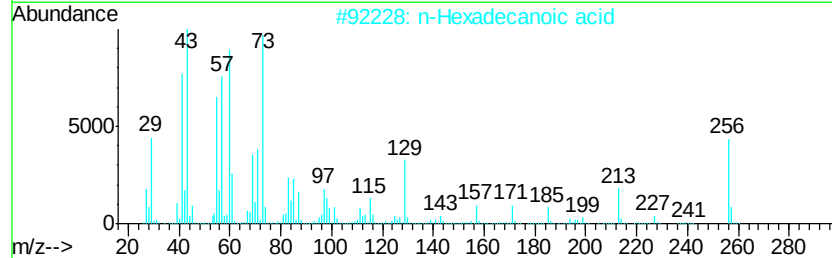
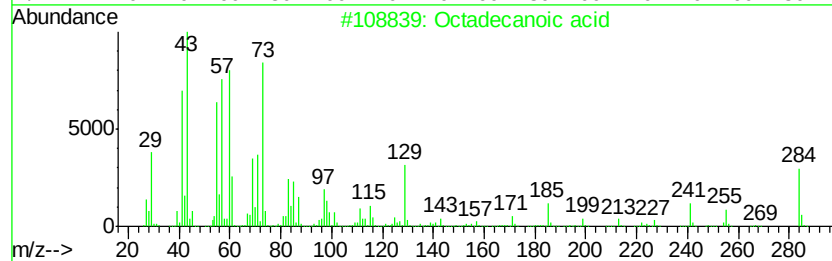
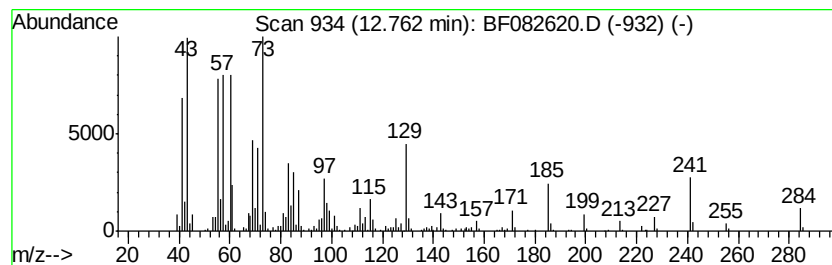
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	10.37 ng	811504	Chrysene-d12	14.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		Undecanoic acid	186	C11H22O2	000112-37-8	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
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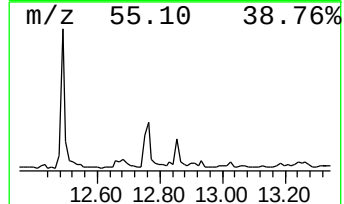
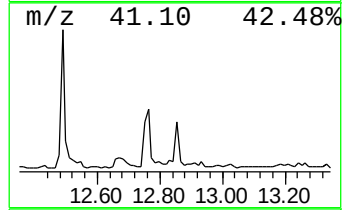
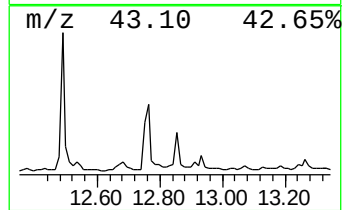
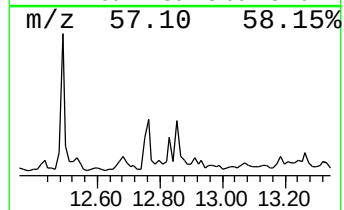
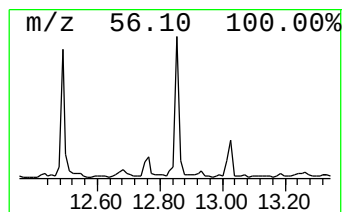
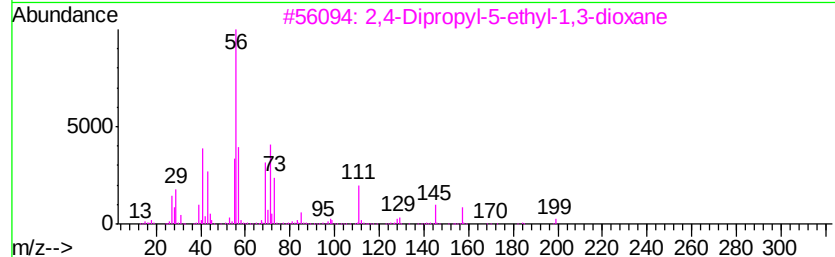
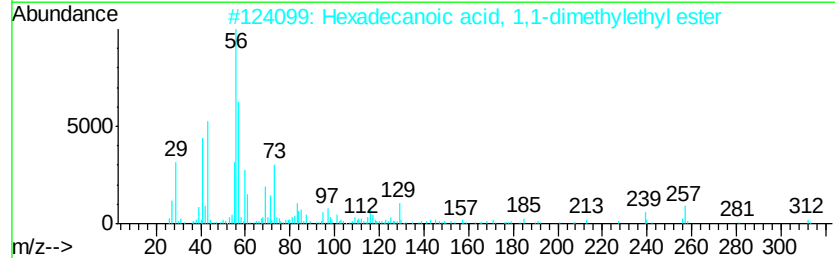
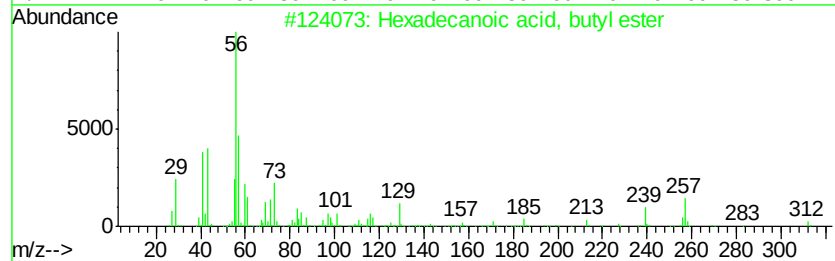
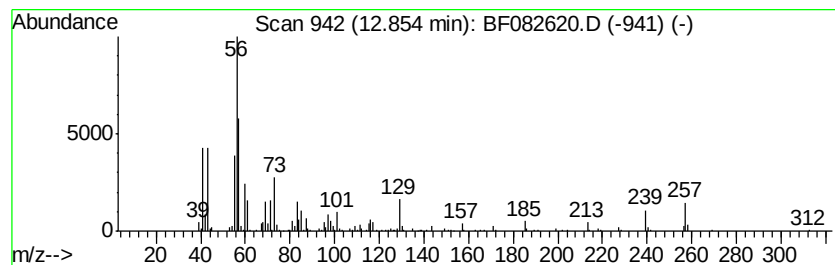
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	5.25 ng	411412	Chrysene-d12	14.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
2			Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	87
3			2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	47
4			Cyclohexanol,2-amino-,trans-	115	C6H13NO	006982-39-4	38
5			Pentanal, 3-methyl-	100	C6H12O	015877-57-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
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Acq On : 31 Oct 2015 14:36
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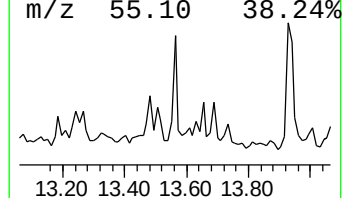
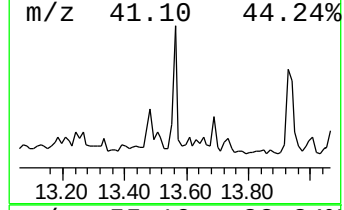
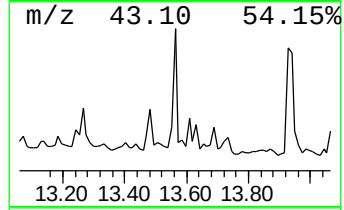
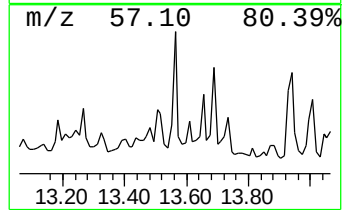
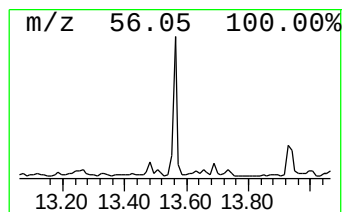
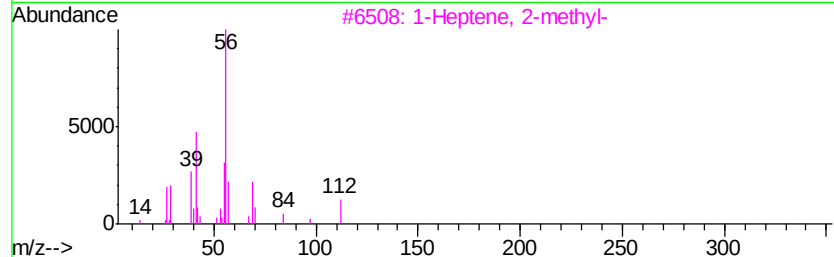
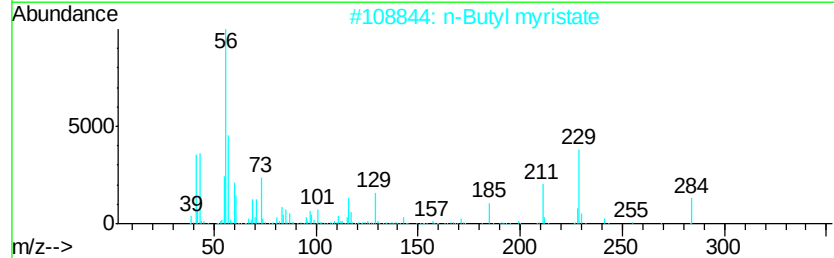
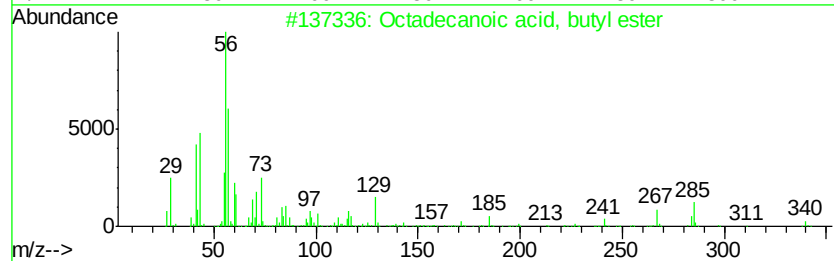
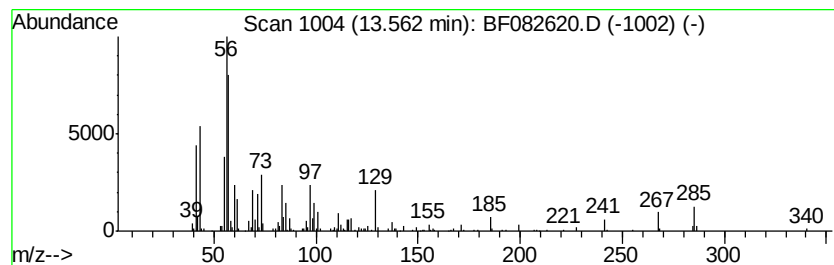
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid, butyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	3.67 ng	287518	Chrysene-d12	14.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	94
2		n-Butyl myristate	284	C18H36O2	000110-36-1	53
3		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	27
4		Cyclohexanamine	99	C6H13N	000108-91-8	27
5		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082620.D
Acq On : 31 Oct 2015 14:36
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Misc :
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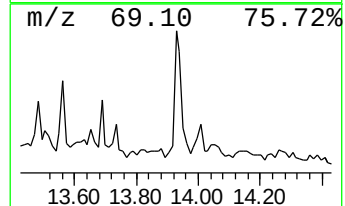
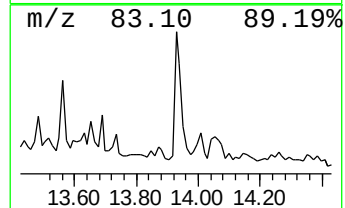
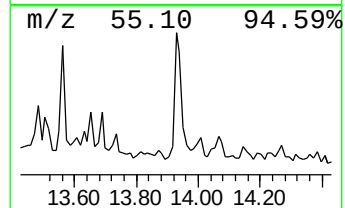
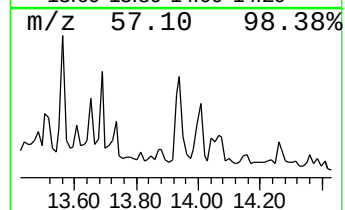
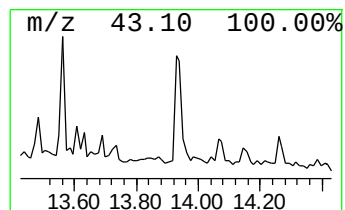
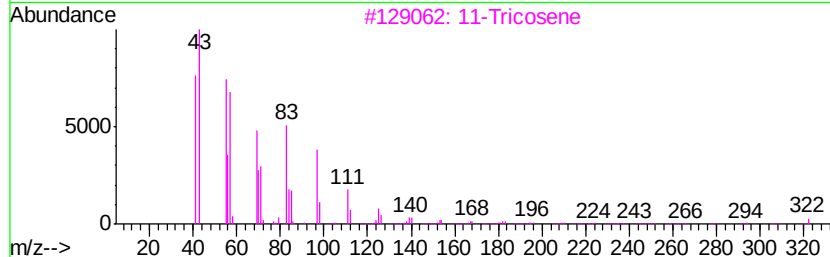
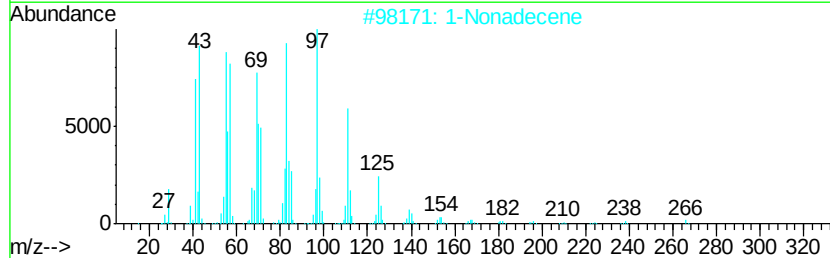
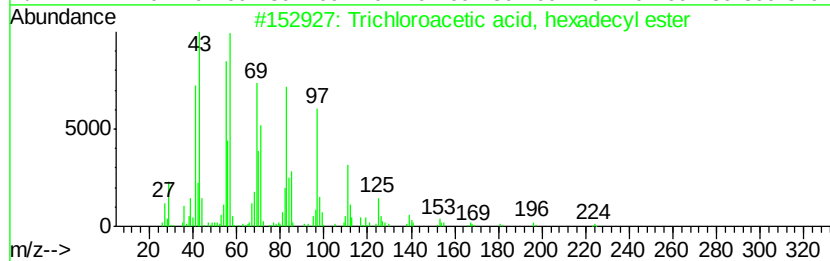
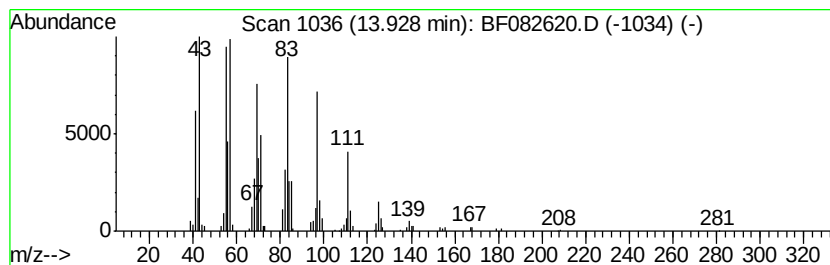
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Trichloroacetic acid, hexadecyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	4.65 ng	364095	Chrysene-d12	14.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2			1-Nonadecene	266	C19H38	018435-45-5	91
3			11-Tricosene	322	C23H46	052078-56-5	91
4			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5			3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87



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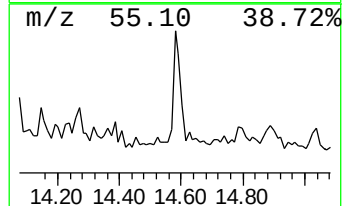
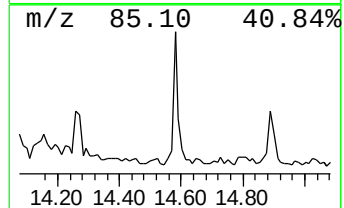
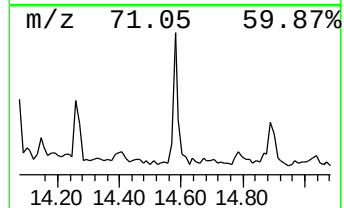
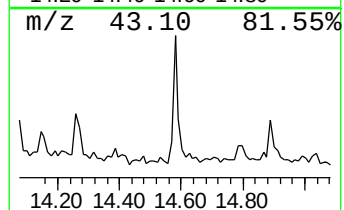
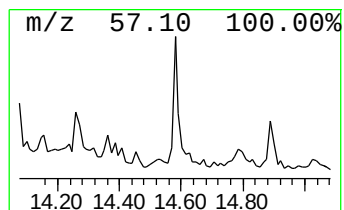
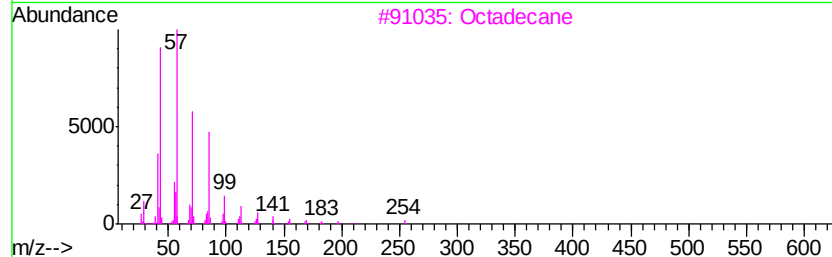
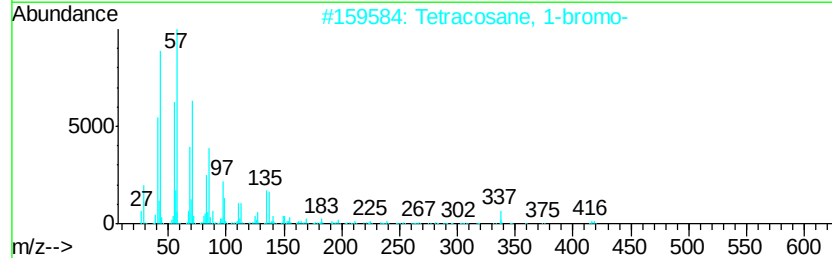
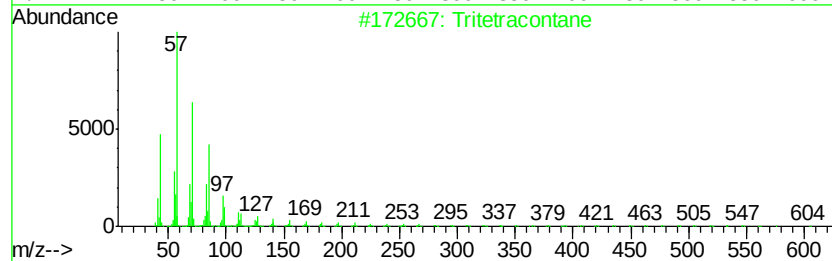
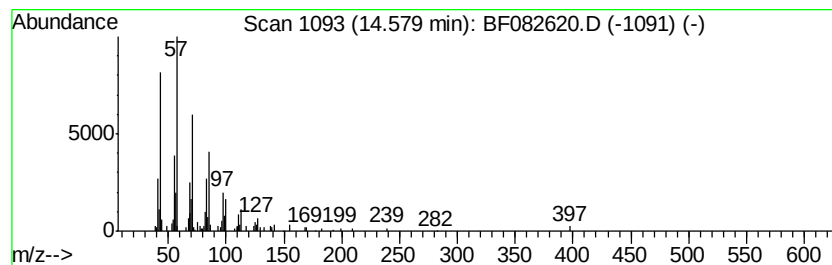
Instrument :
BNA_F
ClientSampleId :
T-24-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tritetracontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	2.29 ng	179668	Chrysene-d12	14.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tritetracontane	605 C43H88	007098-21-7 90
2		Tetracosane, 1-bromo-	416 C24H49Br	006946-24-3 80
3		Octadecane	254 C18H38	000593-45-3 74
4		Heptadecane	240 C17H36	000629-78-7 64
5		Dodecane	170 C12H26	000112-40-3 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082620.D
Acq On : 31 Oct 2015 14:36
Operator : UM/IZ
Sample : G4191-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-24-C

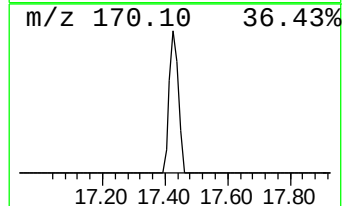
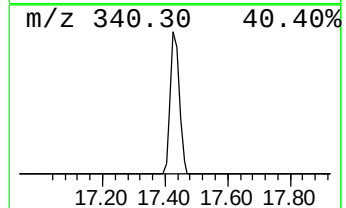
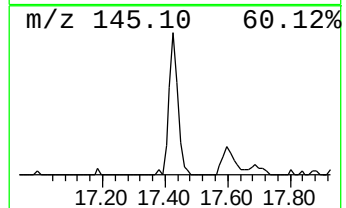
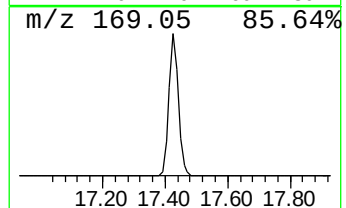
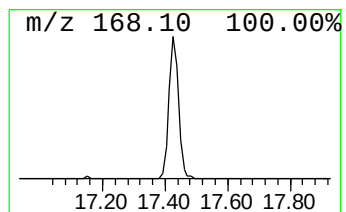
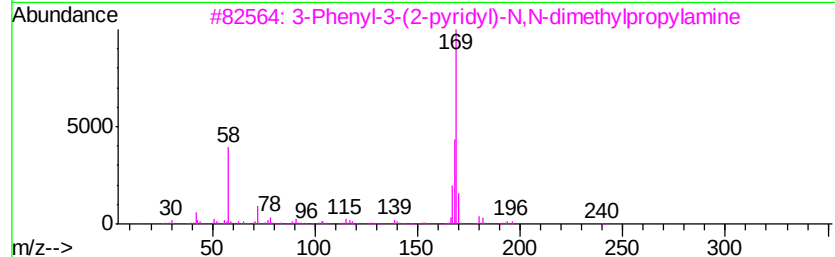
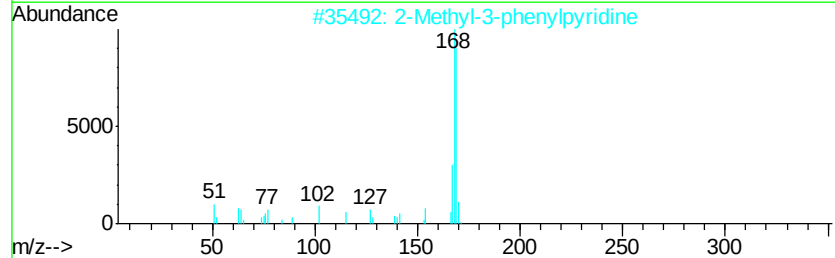
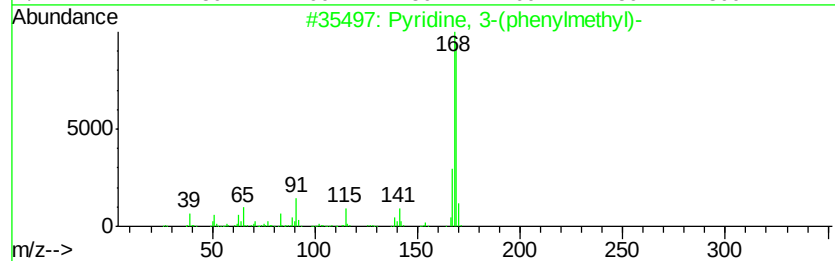
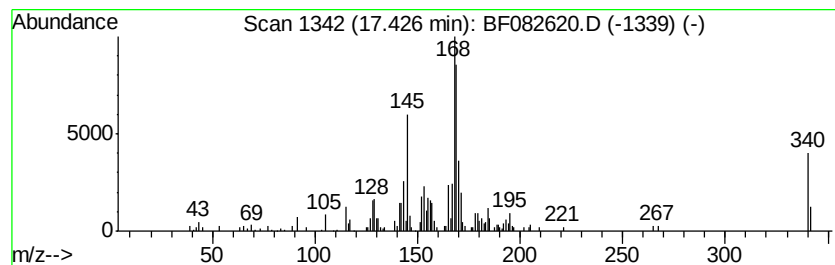
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown17.43 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	4.61 ng	270107	Perylene-d12	15.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyridine, 3-(phenylmethyl)-	169	C12H11N	000620-95-1	43
2			2-Methyl-3-phenylpyridine	169	C12H11N	003256-89-1	43
3			3-Phenyl-3-(2-pyridyl)-N,N-dimet...	240	C16H20N2	000086-21-5	35
4			Benzeneacetamide, N,N-diphenyl-	287	C20H17NO	033675-70-6	27
5			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082620.D
 Acq On : 31 Oct 2015 14:36
 Operator : UM/IZ
 Sample : G4191-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-24-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.10	41.0	ng	3197410	1	6.90	1560530	20.0
unknown6.67	6.67	75.2	ng	5865670	1	6.90	1560530	20.0
Hexanoic acid, 2-...	7.56	2.8	ng	269595	2	8.19	1949340	20.0
1-Hexadecanol	11.66	5.8	ng	619198	4	11.44	2140660	20.0
Tridecanoic acid	11.97	8.1	ng	867329	4	11.44	2140660	20.0
Cyclohexadecane	12.49	12.3	ng	1313140	4	11.44	2140660	20.0
unknown12.68	12.68	3.5	ng	372698	4	11.44	2140660	20.0
Octadecanoic acid	12.76	10.4	ng	811504	5	14.08	1565840	20.0
Hexadecanoic acid...	12.85	5.3	ng	411412	5	14.08	1565840	20.0
Octadecanoic acid...	13.56	3.7	ng	287518	5	14.08	1565840	20.0
Trichloroacetic a...	13.93	4.7	ng	364095	5	14.08	1565840	20.0
Tritetracontane	14.58	2.3	ng	179668	5	14.08	1565840	20.0
unknown17.43	17.43	4.6	ng	270107	6	15.54	1170980	20.0