

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
 Data File : BF081261.D
 Acq On : 28 Aug 2015 4:13
 Operator : UM/IZ
 Sample : G3430-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB4(3-4)

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-BF081715.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	3.806	180	181	186	rBB	10639	18917	1.41%	0.141%
2	4.594	246	250	262	rVB	608140	905311	67.56%	6.762%
3	5.063	289	291	293	rBV	1160113	1143529	85.33%	8.542%
4	5.486	327	328	331	rBV	20563	27558	2.06%	0.206%
5	6.160	384	387	389	rBV	1135116	1340066	100.00%	10.010%
6	6.263	394	396	399	rVV	850282	1121927	83.72%	8.380%
7	6.503	415	417	419	rBV	353314	282166	21.06%	2.108%
8	6.663	428	431	433	rBV	833783	879366	65.62%	6.569%
9	7.074	465	467	469	rBV	823105	742873	55.44%	5.549%
10	7.795	528	530	532	rBV	326279	361168	26.95%	2.698%
11	8.869	622	624	627	rBV	1411035	1279228	95.46%	9.555%
12	9.269	657	659	661	rBV	188128	145856	10.88%	1.089%
13	9.532	680	682	684	rBV	518281	430187	32.10%	3.213%
14	10.069	728	729	731	rBV	11372	13583	1.01%	0.101%
15	10.309	748	750	753	rBV2	617655	771218	57.55%	5.761%
16	10.458	761	763	769	rVB	27038	30158	2.25%	0.225%
17	10.903	799	802	803	rBV	25892	25113	1.87%	0.188%
18	10.995	808	810	814	rBV2	410095	582945	43.50%	4.354%
19	11.075	814	817	819	rVB	41264	40368	3.01%	0.302%
20	11.326	837	839	841	rVB	18754	16639	1.24%	0.124%
21	11.498	852	854	855	rBV	22698	18210	1.36%	0.136%
22	11.521	855	856	858	rVB	17634	19632	1.47%	0.147%
23	11.566	858	860	862	rBV	39479	65131	4.86%	0.487%
24	11.601	862	863	868	rVB2	28361	41875	3.12%	0.313%
25	11.795	878	880	884	rVB2	11317	17305	1.29%	0.129%
26	12.195	913	915	918	rVB	206961	174749	13.04%	1.305%
27	12.424	932	935	937	rBV	109706	160227	11.96%	1.197%
28	12.584	947	949	951	rVB	1383470	1303653	97.28%	9.738%
29	12.641	951	954	956	rVB	7665	14243	1.06%	0.106%
30	12.755	959	964	966	rBV	19379	29537	2.20%	0.221%
31	12.812	968	969	971	rBV	14400	22179	1.66%	0.166%
32	12.846	971	972	977	rVB3	12918	17989	1.34%	0.134%
33	13.384	1018	1019	1024	rVB	7051	13615	1.02%	0.102%
34	13.498	1027	1029	1036	rBV	114172	194223	14.49%	1.451%

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35	13.612	1036	1039	1040	rVV2	421771	480801	35.88%	3.591%
36	13.635	1040	1041	1043	rVB	63667	46006	3.43%	0.344%
37	13.818	1054	1057	1060	rBV	9662	15642	1.17%	0.117%
38	14.115	1082	1083	1089	rVB3	9409	21696	1.62%	0.162%
39	14.470	1112	1114	1116	rVB	33521	33134	2.47%	0.247%
40	14.595	1122	1125	1129	rBV	39642	71922	5.37%	0.537%
41	14.698	1131	1134	1136	rBV	21214	30528	2.28%	0.228%
42	14.835	1144	1146	1148	rBV	22874	26917	2.01%	0.201%
43	14.881	1148	1150	1152	rVB	35090	34621	2.58%	0.259%
44	14.938	1152	1155	1157	rBV	187820	266289	19.87%	1.989%
45	15.338	1187	1190	1192	rBV	42547	53619	4.00%	0.401%
46	15.395	1192	1195	1197	rBV2	7700	17971	1.34%	0.134%
47	16.081	1252	1255	1260	rVB2	11960	20684	1.54%	0.155%
48	16.424	1282	1285	1291	rVB	9648	17019	1.27%	0.127%

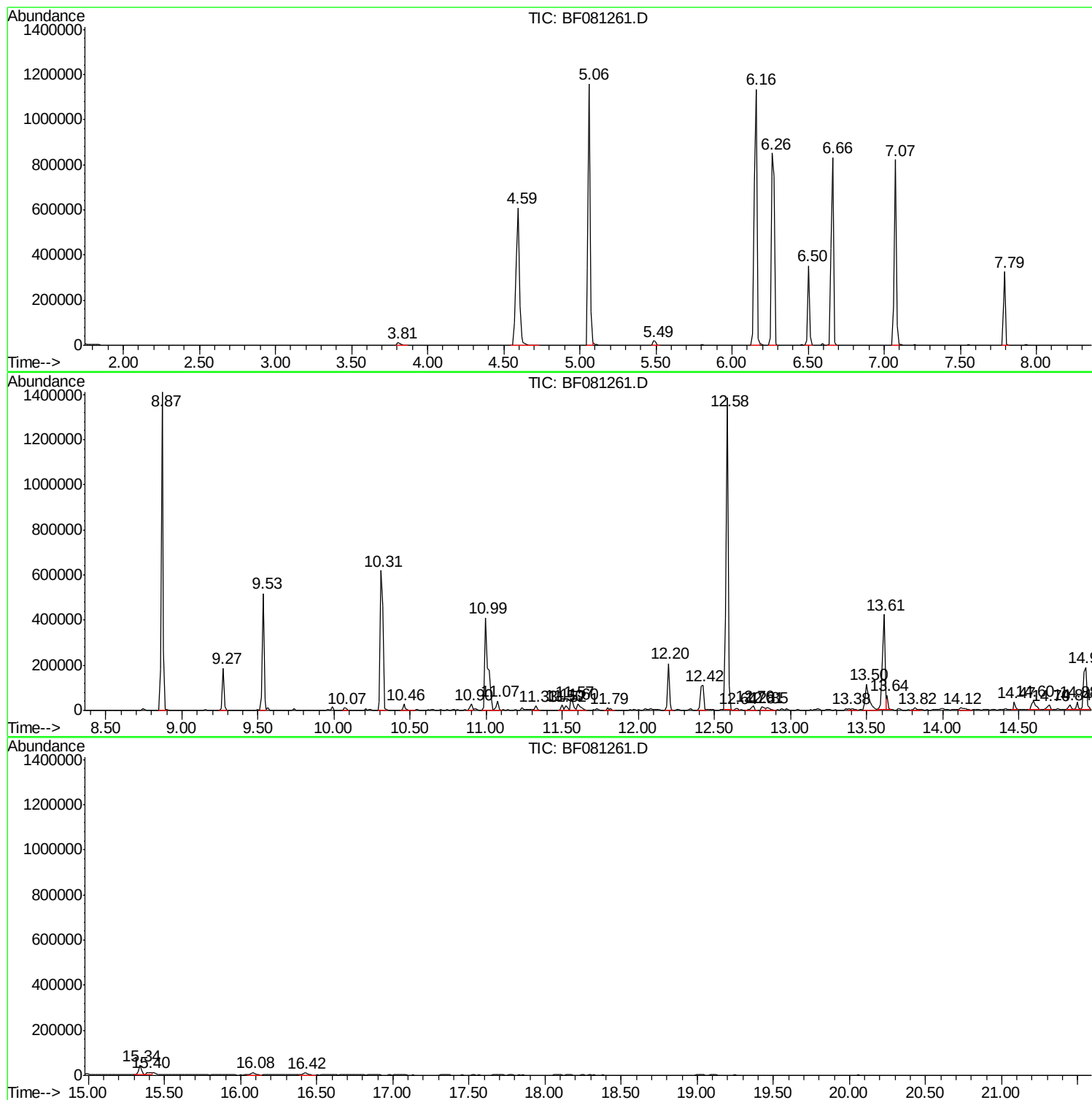
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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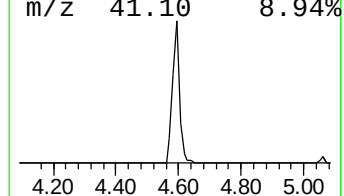
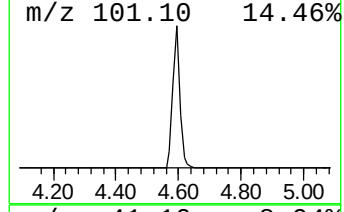
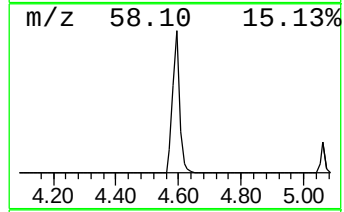
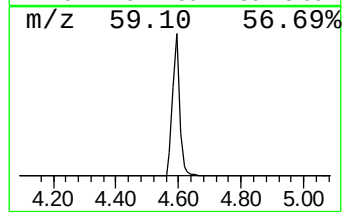
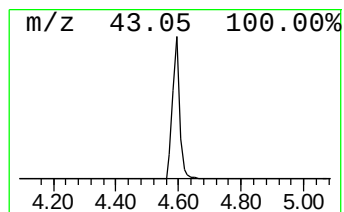
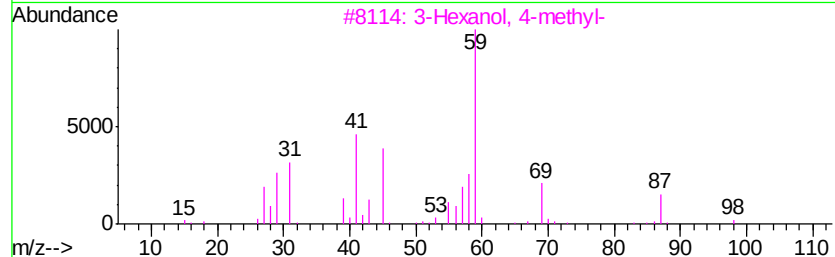
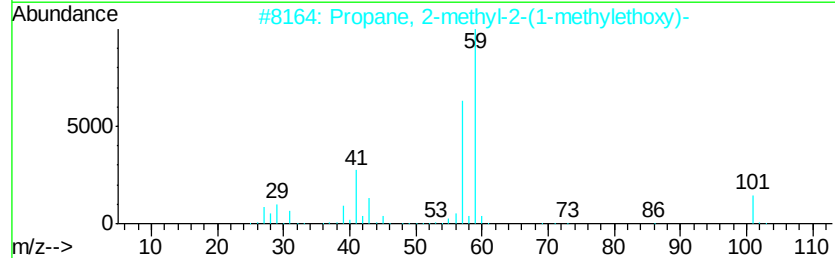
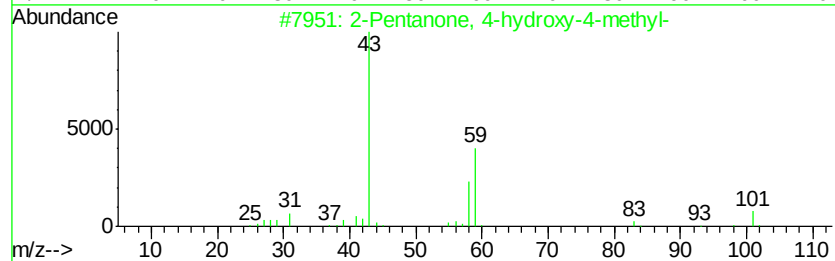
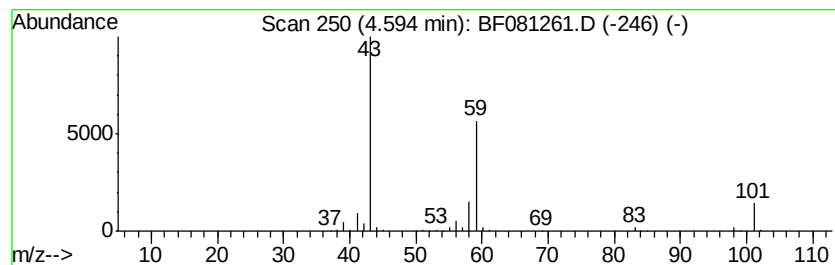
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	64.17 ng	905311	1,4-Dichlorobenzene-d4	6.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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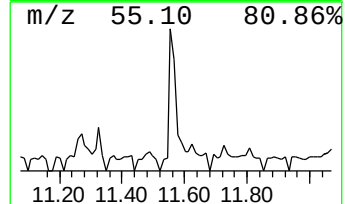
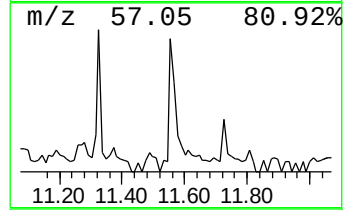
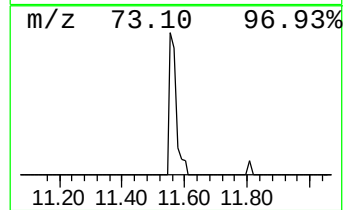
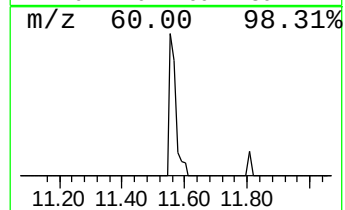
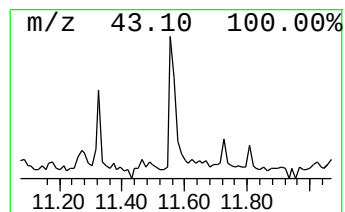
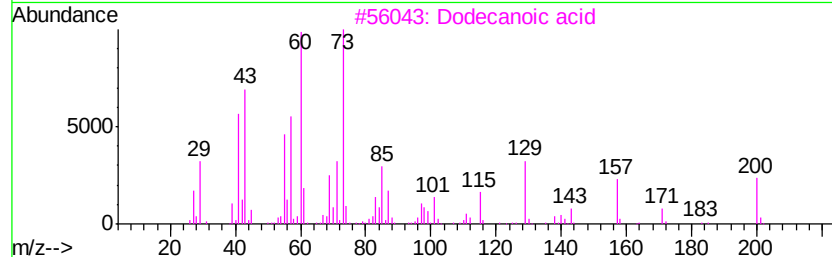
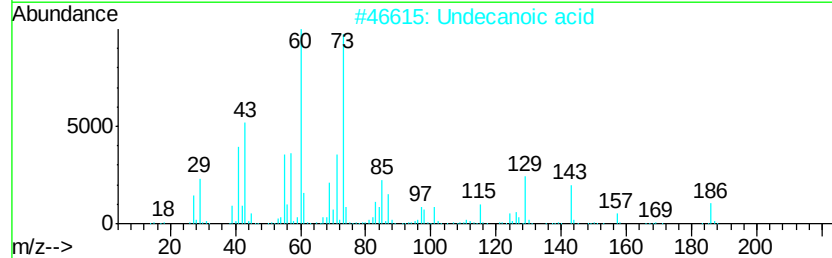
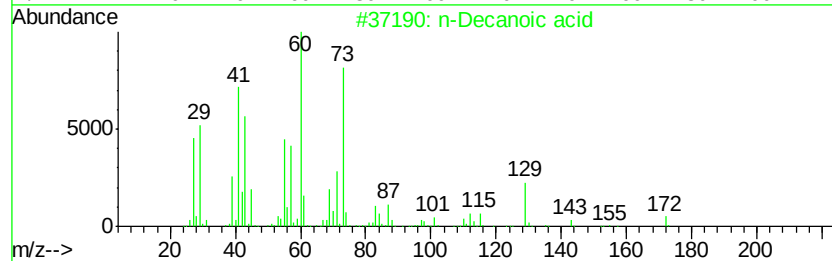
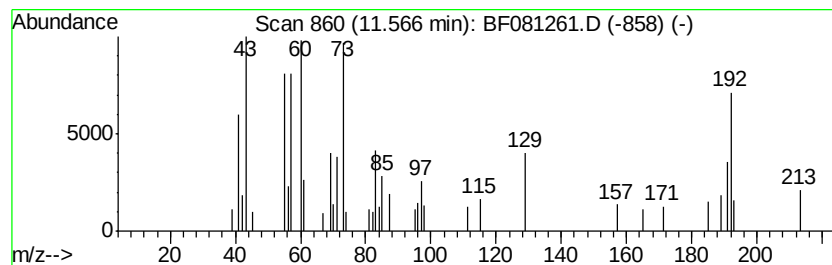
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Peak Number 4 unknown11.57 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.23 ng	65131	Phenanthrene-d10	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Decanoic acid	172	C10H20O2	000334-48-5	43
2		Undecanoic acid	186	C11H22O2	000112-37-8	38
3		Dodecanoic acid	200	C12H24O2	000143-07-7	38
4		.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	27
5		.alpha.-D-Glucopyranose, 4-0-.be...	342	C12H22O11	014641-93-1	16



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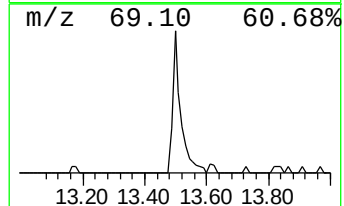
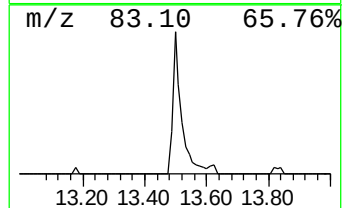
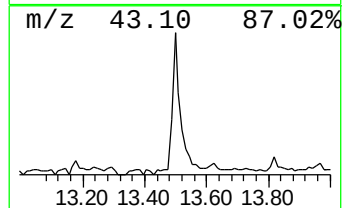
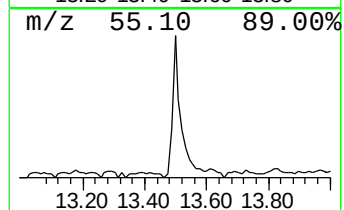
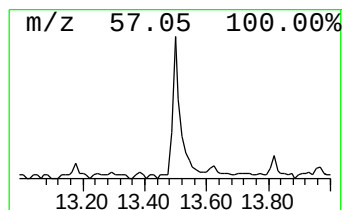
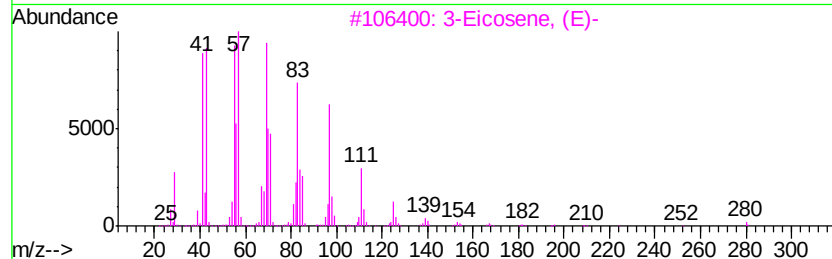
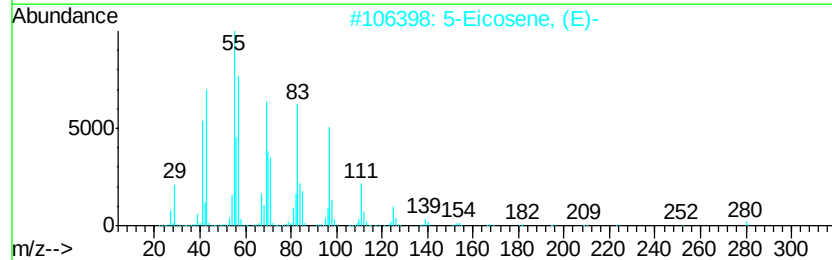
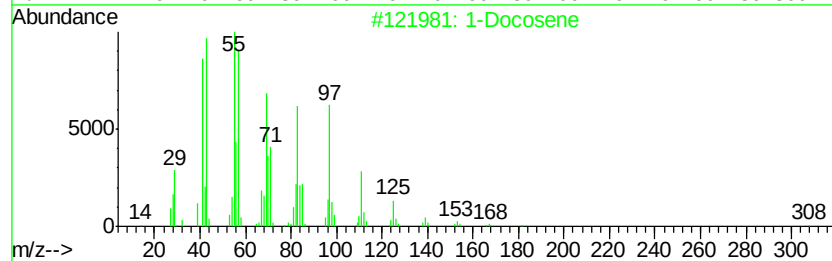
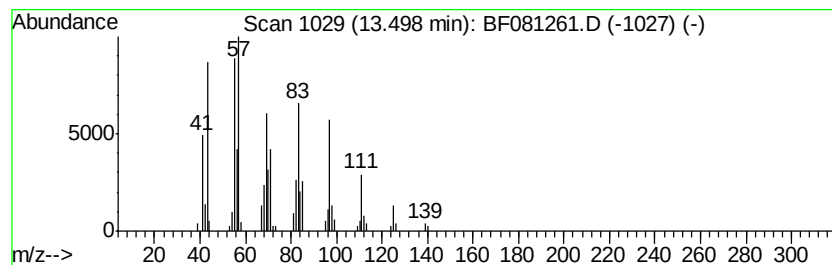
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	8.08 ng	194223	Chrysene-d12	13.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	94
2	5-Eicosene, (E)-		280	C20H40	074685-30-6	90
3	3-Eicosene, (E)-		280	C20H40	074685-33-9	90
4	11-Tricosene		322	C23H46	052078-56-5	90
5	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	87



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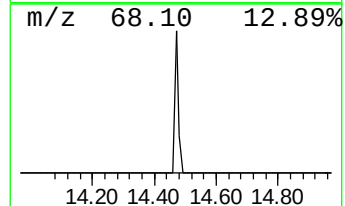
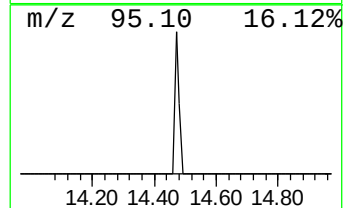
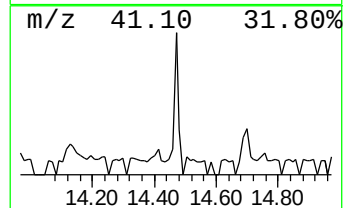
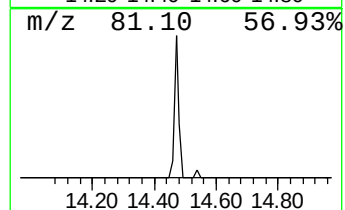
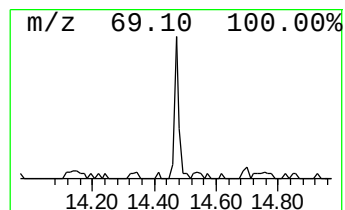
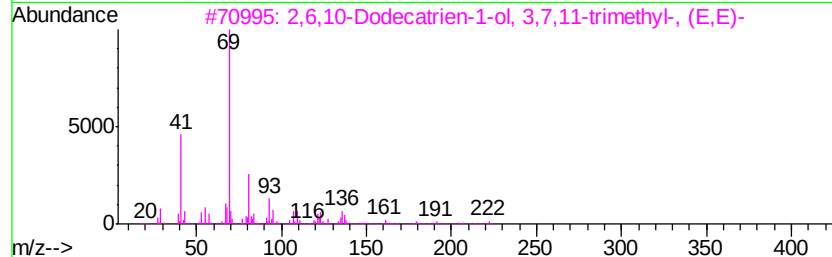
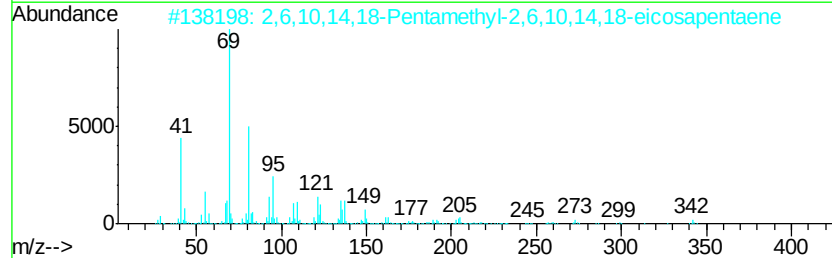
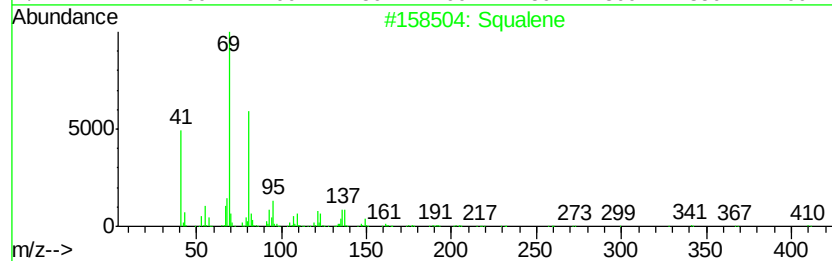
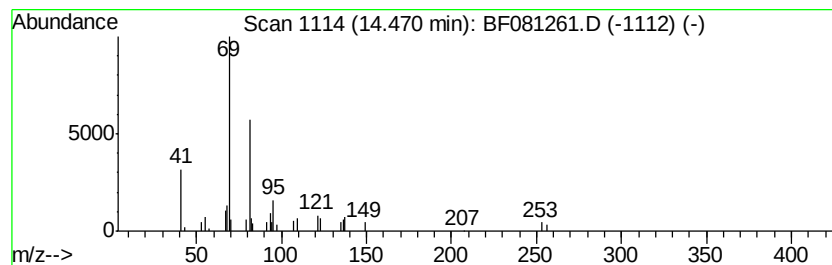
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.49 ng	33134	Perylene-d12	14.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	86
2	2,6,10,14,18-Pentamethyl-2,6,10,...	342 C25H42	075581-03-2	78
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222 C15H26O	000106-28-5	64
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316 C22H36O	056882-09-8	56
5	(E,E)-7,11,15-Trimethyl-3-methyl...	272 C20H32	070901-63-2	50



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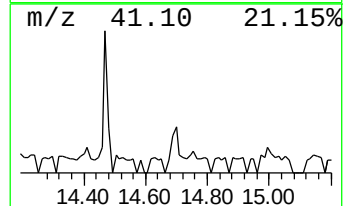
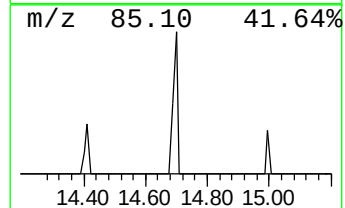
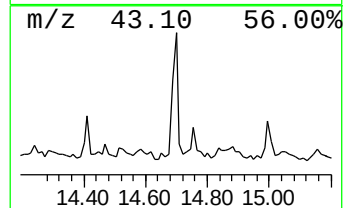
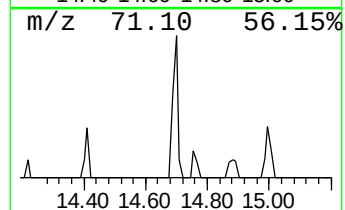
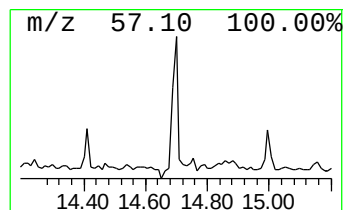
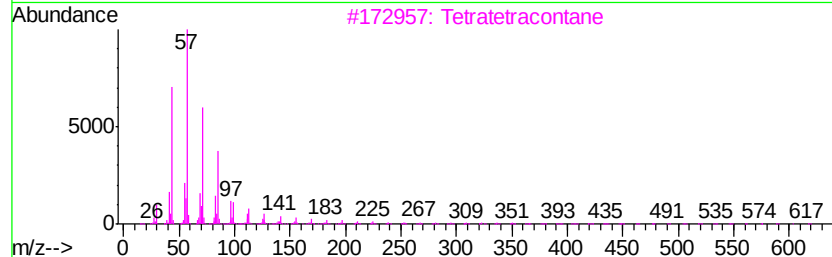
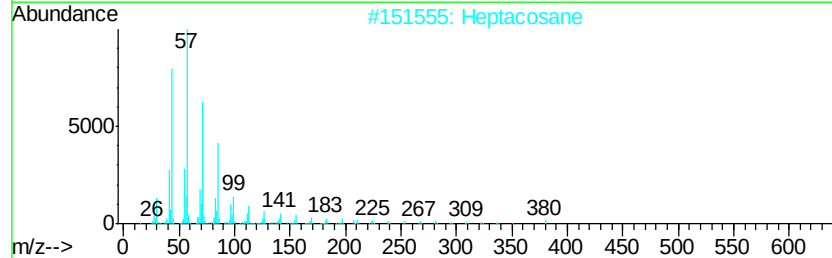
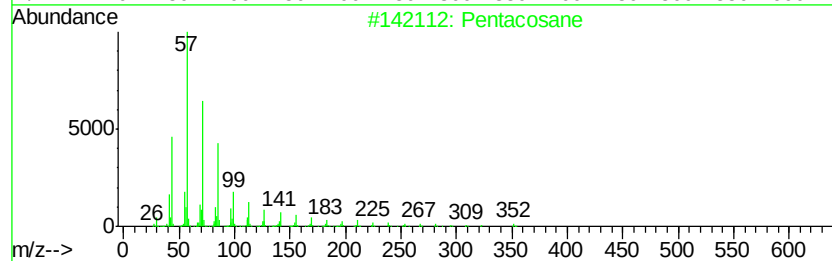
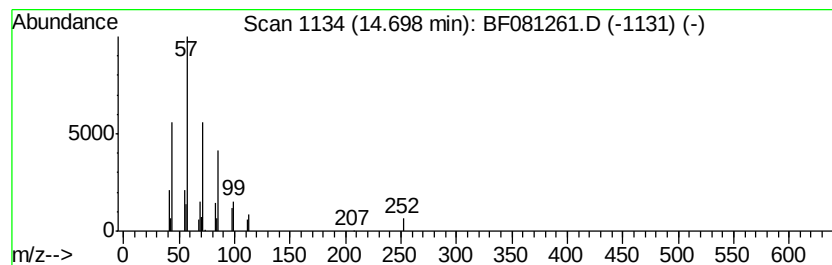
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TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	2.29 ng	30528	Perylene-d12	14.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	90
2	Heptacosane		380	C27H56	000593-49-7	90
3	Tetratetracontane		619	C44H90	007098-22-8	90
4	Hentriacontane		437	C31H64	000630-04-6	90
5	Octacosane		394	C28H58	000630-02-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081261.D
Acq On : 28 Aug 2015 4:13
Operator : UM/IZ
Sample : G3430-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB4(3-4)

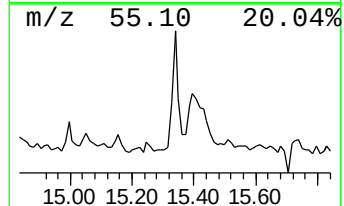
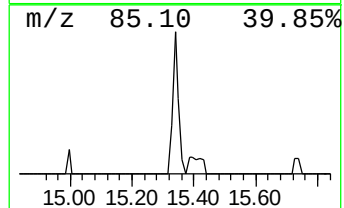
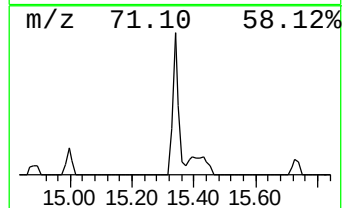
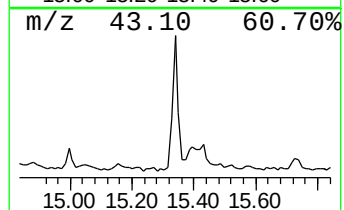
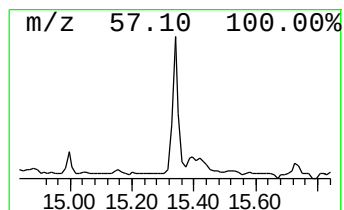
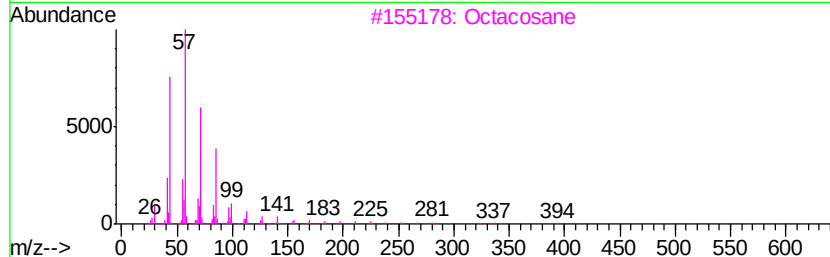
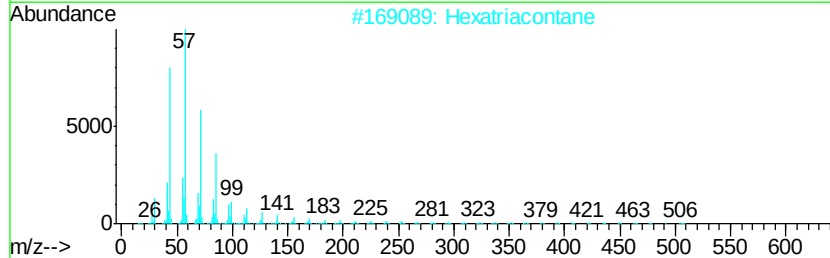
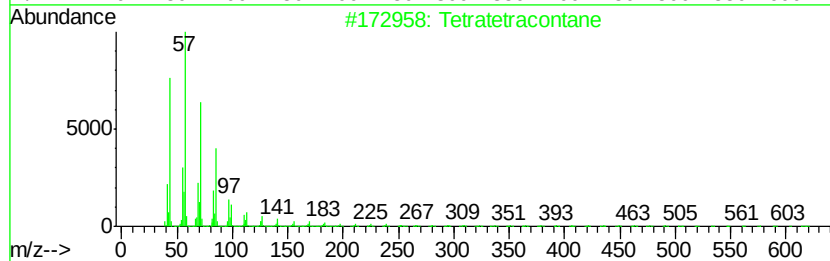
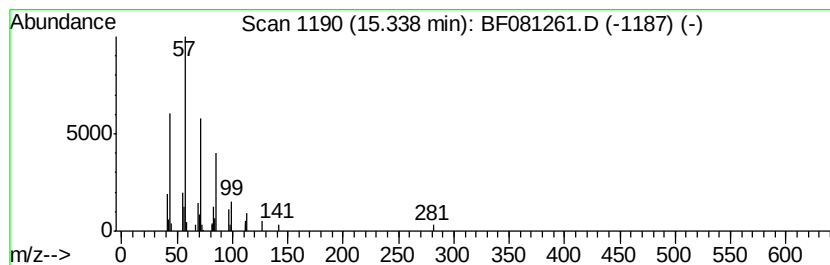
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	4.03 ng	53619	Perylene-d12	14.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	91
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081261.D
Acq On : 28 Aug 2015 4:13
Operator : UM/IZ
Sample : G3430-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB4(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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...	4.59	64.2	ng	905311	1	6.50	282166	20.0
unknown11.57	11.57	2.2	ng	65131	4	10.99	582945	20.0
1-Docosene	13.50	8.1	ng	194223	5	13.61	480801	20.0
Squalene	14.47	2.5	ng	33134	6	14.94	266289	20.0
Pentacosane	14.70	2.3	ng	30528	6	14.94	266289	20.0
Tetratetracontane	15.34	4.0	ng	53619	6	14.94	266289	20.0