

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083758.D
 Acq On : 14 Dec 2015 5:05
 Operator : UM/IZ
 Sample : G4731-05
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-STOCKPILE-(0-2)

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-BF121315.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	2.224	10	12	28	rVB	56946	130926	3.88%	0.437%
2	5.116	262	265	270	rBV	708332	968446	28.68%	3.235%
3	5.527	298	301	304	rBV	2286132	3218104	95.31%	10.751%
4	5.927	334	336	338	rVB	43210	37831	1.12%	0.126%
5	6.544	387	390	393	rBV	2142121	3132426	92.77%	10.465%
6	6.693	400	403	405	rBV	2897967	3376462	100.00%	11.280%
7	6.922	420	423	425	rVB	785535	686556	20.33%	2.294%
8	7.082	434	437	439	rVB	2646251	2771184	82.07%	9.258%
9	7.482	469	472	474	rBV	2019072	2158750	63.94%	7.212%
10	8.202	532	535	537	rBV	1006807	843707	24.99%	2.819%
11	9.276	626	629	632	rBV	3034343	3208723	95.03%	10.720%
12	9.665	661	663	666	rBV	495026	514113	15.23%	1.718%
13	9.893	681	683	686	rBV	68913	54876	1.63%	0.183%
14	9.950	686	688	691	rBV	705909	790550	23.41%	2.641%
15	10.396	723	727	728	rBV	78160	85411	2.53%	0.285%
16	10.613	743	746	749	rBV	26502	40717	1.21%	0.136%
17	10.739	754	757	759	rBV	1746802	1657289	49.08%	5.537%
18	10.865	766	768	773	rVB	91214	103763	3.07%	0.347%
19	11.311	803	807	809	rBV	61616	67083	1.99%	0.224%
20	11.436	816	818	820	rBV	775073	711802	21.08%	2.378%
21	12.133	877	879	883	rBV2	17852	40202	1.19%	0.134%
22	12.842	939	941	945	rVB2	182464	195113	5.78%	0.652%
23	12.922	945	948	950	rVB2	74834	77273	2.29%	0.258%
24	13.014	954	956	959	rBV	2354833	2595583	76.87%	8.671%
25	13.551	1001	1003	1005	rBV	166433	155938	4.62%	0.521%
26	13.596	1005	1007	1010	rVV2	37828	61110	1.81%	0.204%
27	13.814	1021	1026	1029	rBV4	16308	53930	1.60%	0.180%
28	13.916	1033	1035	1038	rBV	77267	130605	3.87%	0.436%
29	14.065	1045	1048	1050	rBV	688689	786071	23.28%	2.626%
30	14.237	1061	1063	1065	rBV	63415	70511	2.09%	0.236%
31	14.545	1088	1090	1091	rBV	69944	80102	2.37%	0.268%
32	14.648	1091	1099	1100	rVV8	15922	89625	2.65%	0.299%
33	14.842	1114	1116	1118	rBV	50255	68074	2.02%	0.227%
34	15.174	1143	1145	1149	rVB	39087	59107	1.75%	0.197%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
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35	15.505	1171	1174	1176	rBV	462241	635778	18.83%	2.124%
36	15.551	1176	1178	1185	rVB	53040	121254	3.59%	0.405%
37	15.985	1213	1216	1218	rBV	26376	47051	1.39%	0.157%
38	16.477	1257	1259	1263	rVB	31543	53576	1.59%	0.179%
39	17.060	1308	1310	1315	rVB	23765	53824	1.59%	0.180%

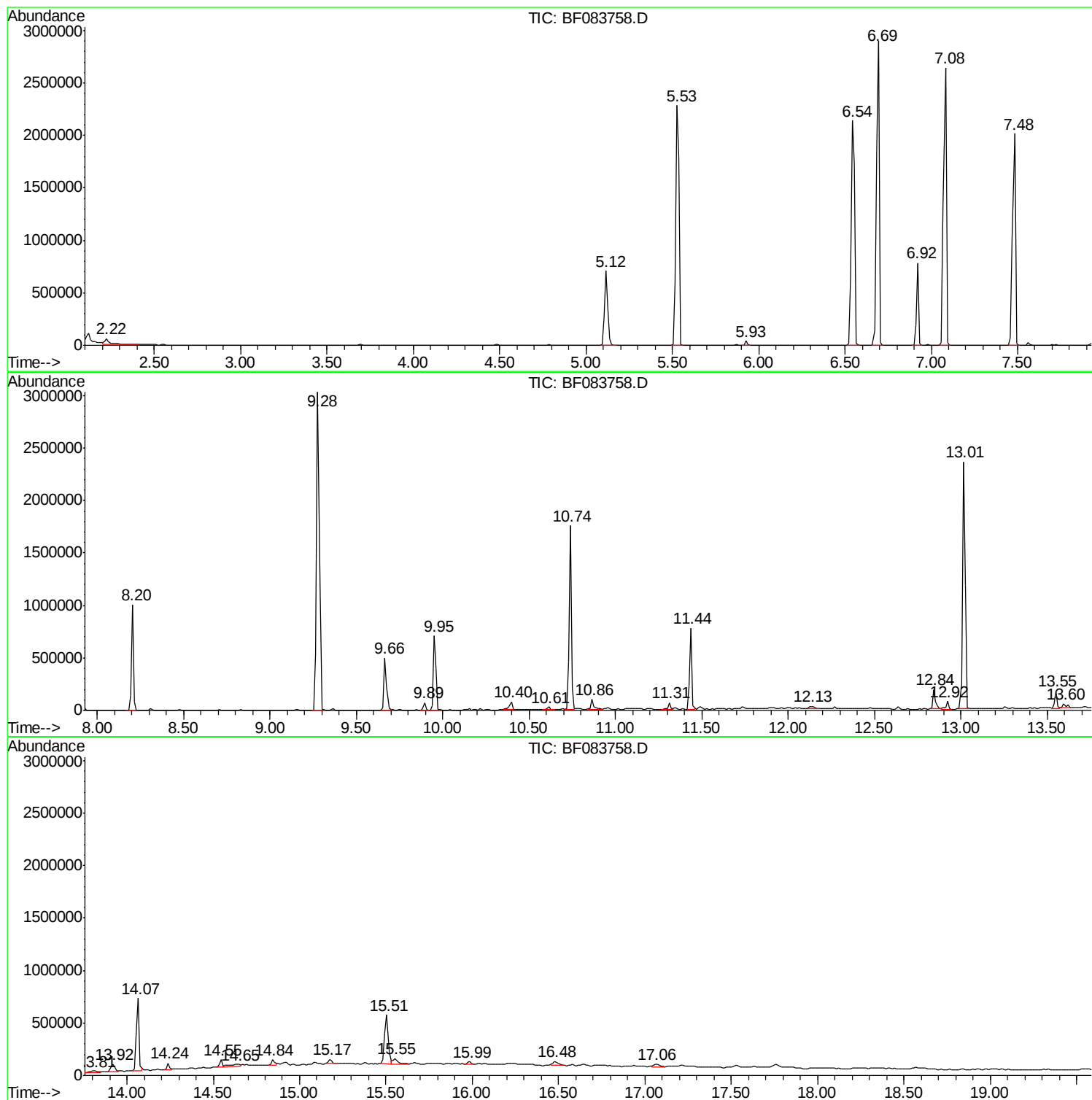
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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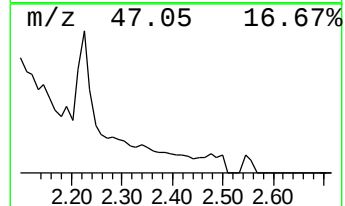
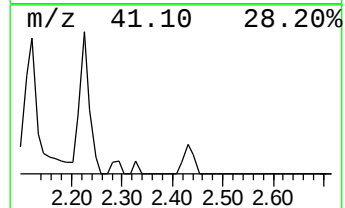
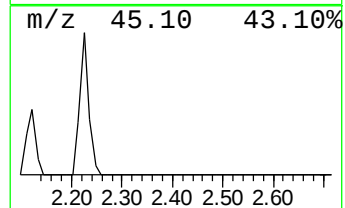
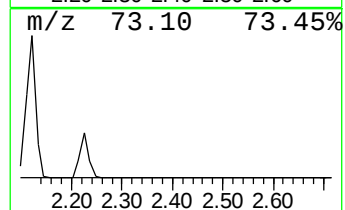
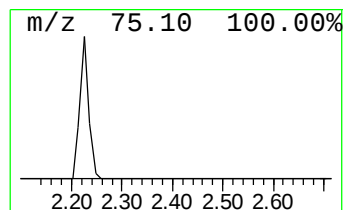
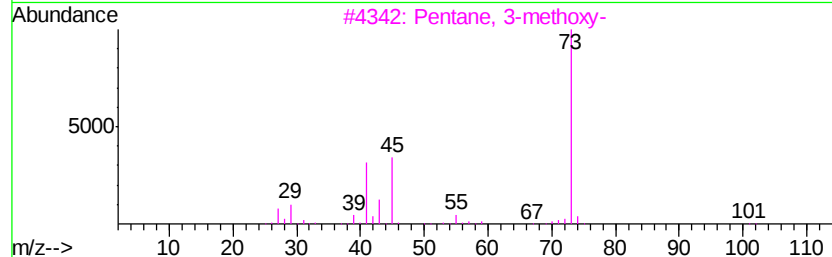
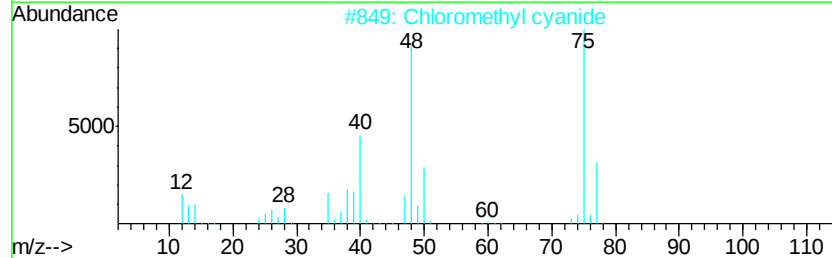
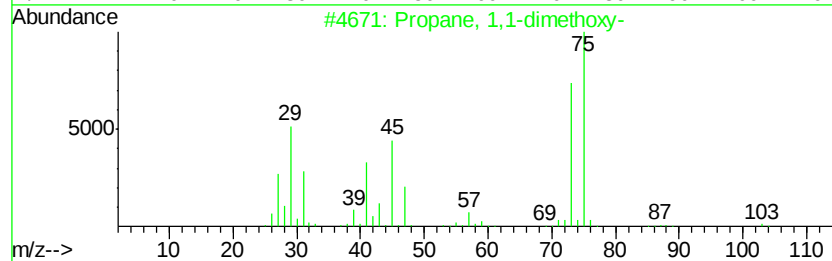
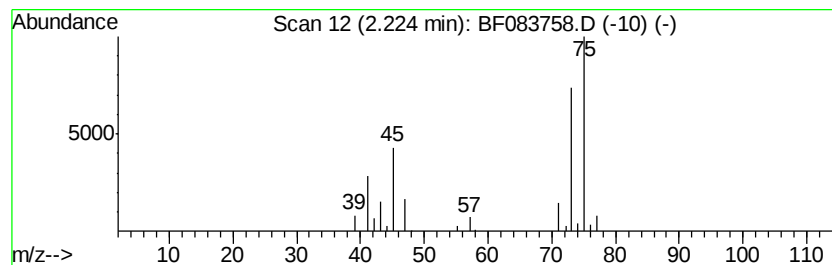
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	3.81 ng	130926	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2		Chloromethyl cyanide	75	C2H2ClN	000107-14-2	9
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4		Glycine	75	C2H5NO2	000056-40-6	7
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	7



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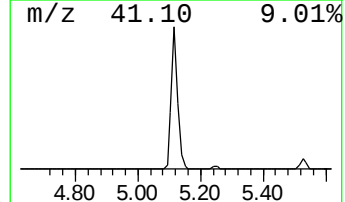
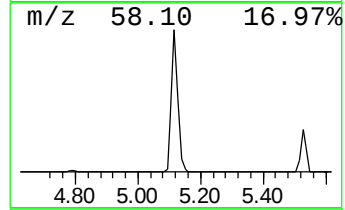
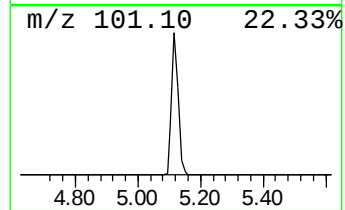
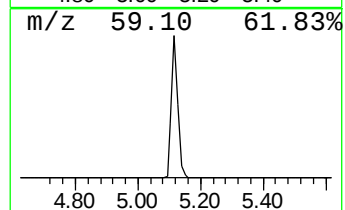
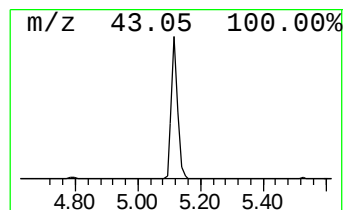
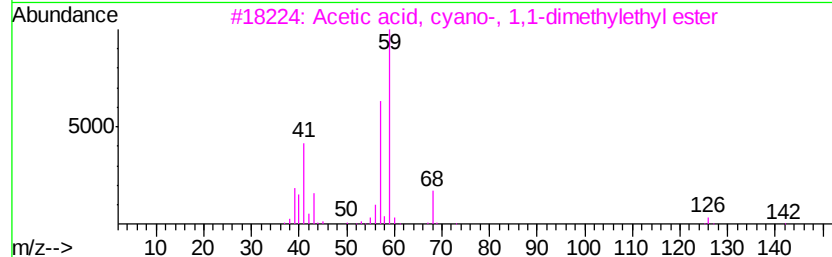
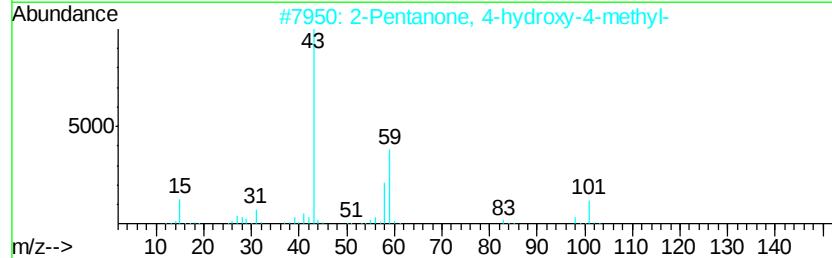
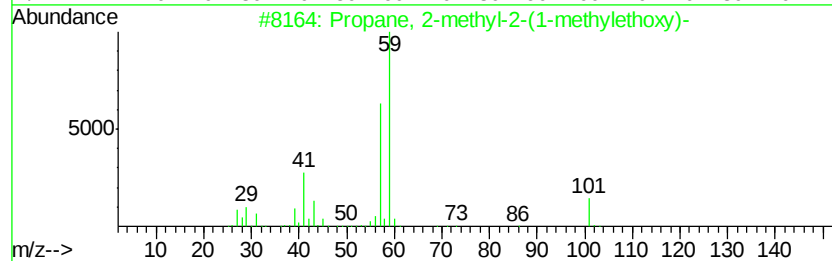
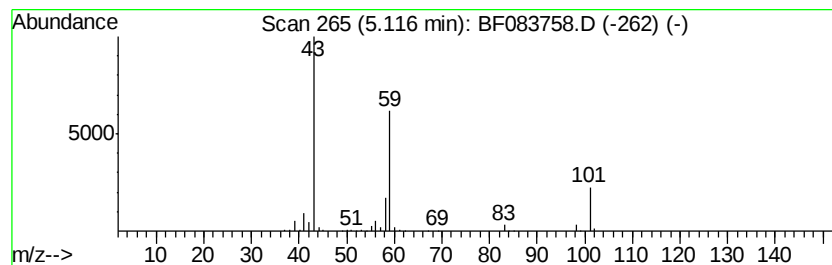
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	28.21 ng	968446	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3		Acetic acid, cyano-, 1,1-dimethv...	141	C7H11NO2	001116-98-9	23
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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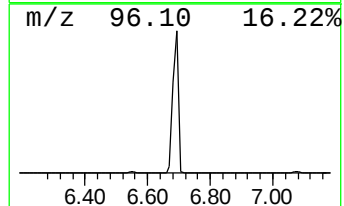
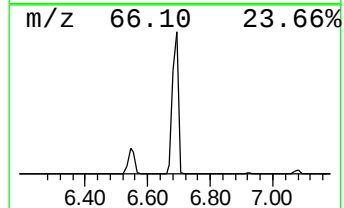
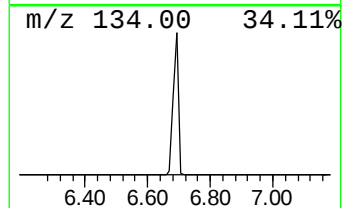
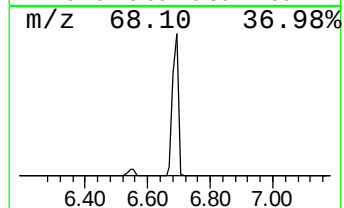
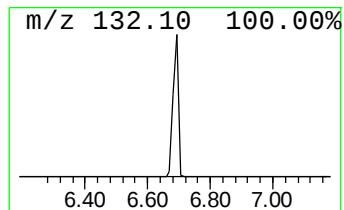
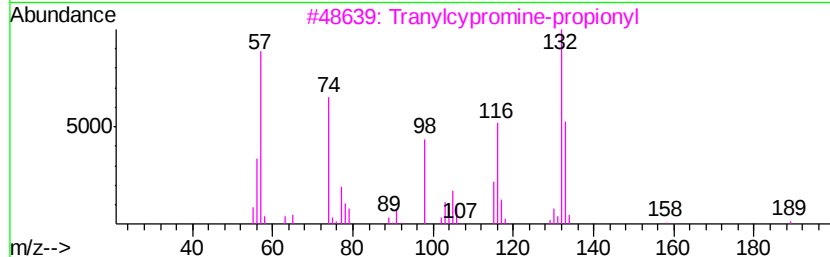
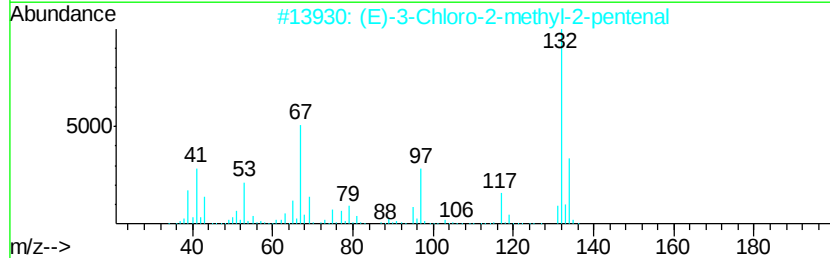
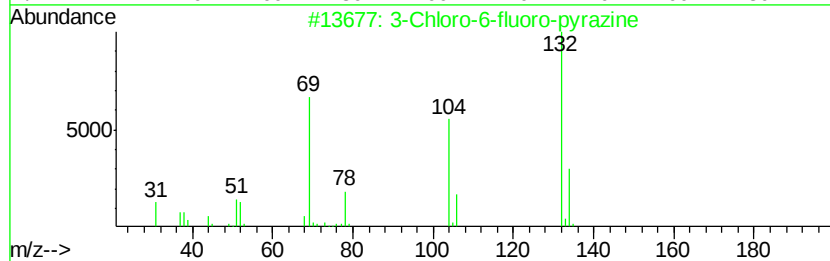
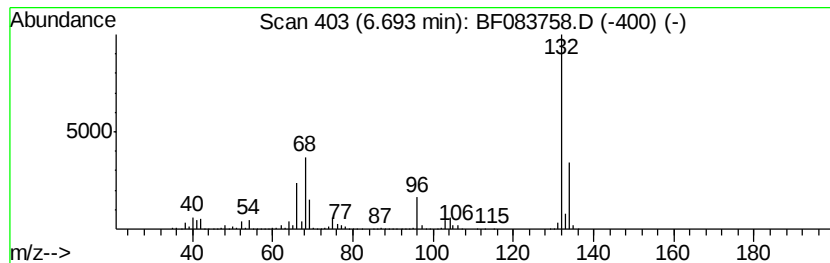
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	98.36 ng	3376460	1,4-Dichlorobenzene-d4	6.92

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	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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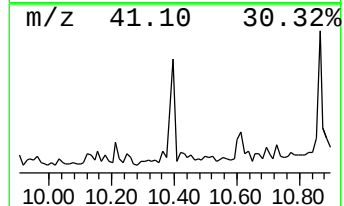
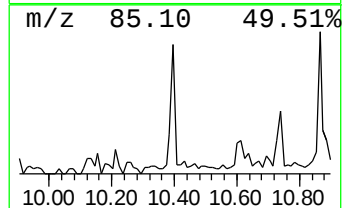
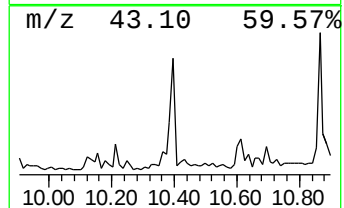
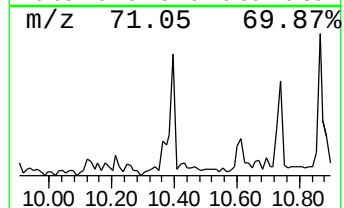
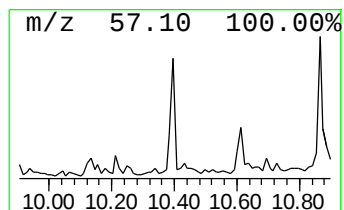
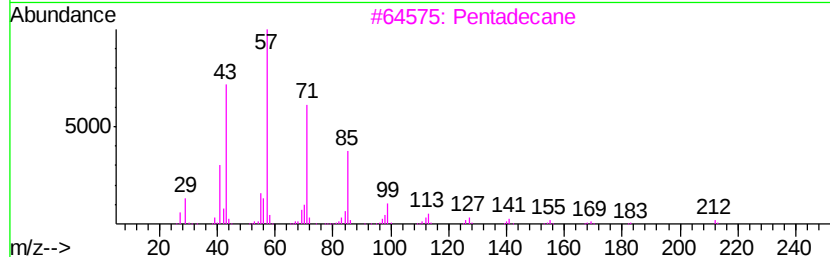
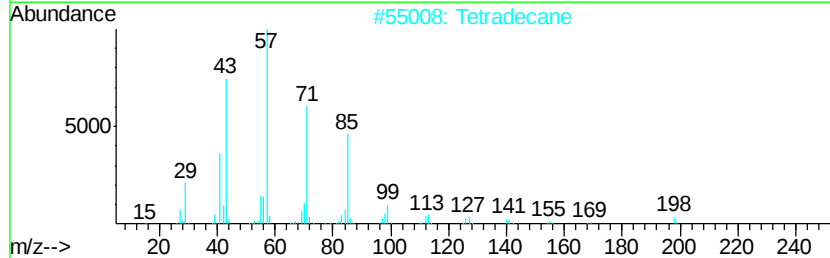
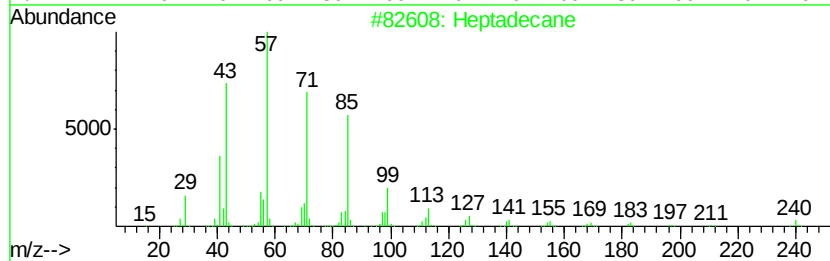
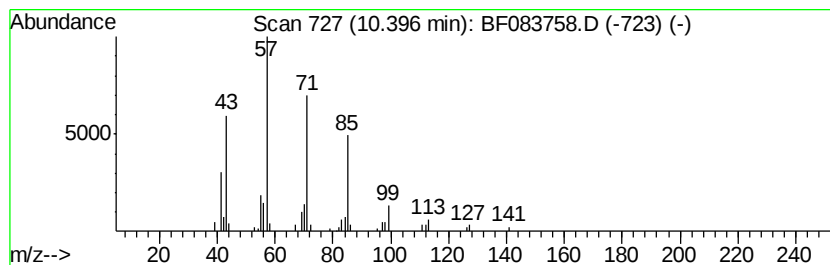
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	2.16 ng	85411	Acenaphthene-d10	9.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	91
2	Tetradecane	198 C14H30	000629-59-4	86
3	Pentadecane	212 C15H32	000629-62-9	86
4	Eicosane	282 C20H42	000112-95-8	74
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	72



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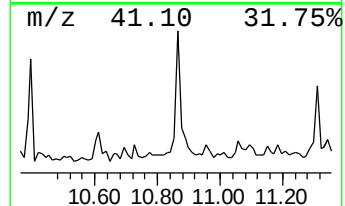
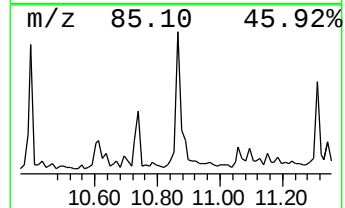
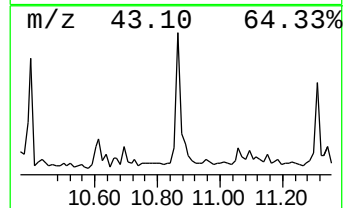
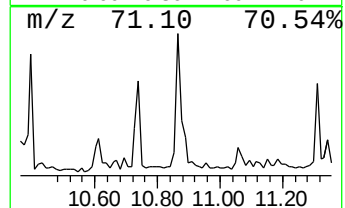
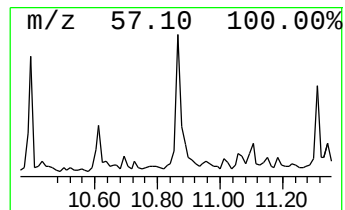
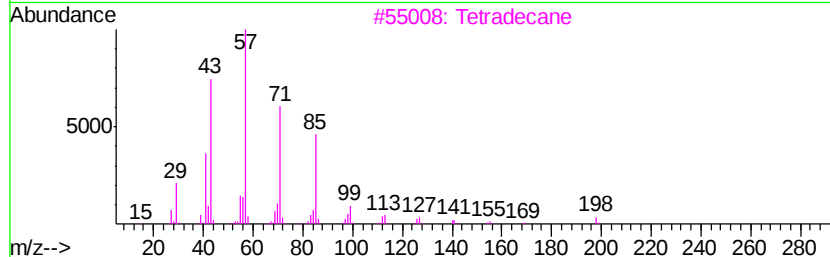
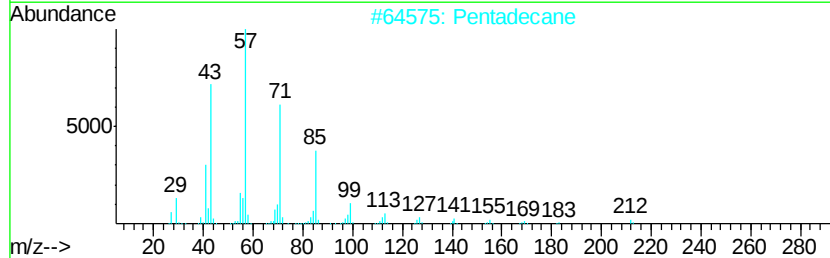
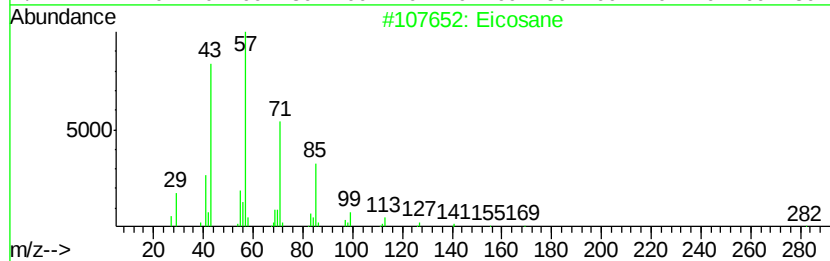
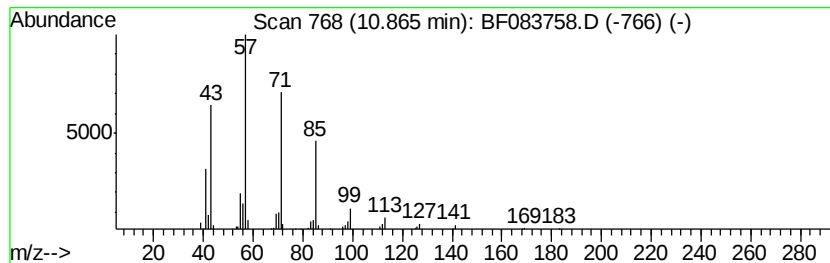
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.86	2.92 ng	103763	Phenanthrene-d10	11.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Pentadecane		212	C15H32	000629-62-9	91
3	Tetradecane		198	C14H30	000629-59-4	91
4	Hexadecane		226	C16H34	000544-76-3	91
5	Tritetracontane		605	C43H88	007098-21-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
Data File : BF083758.D
Acq On : 14 Dec 2015 5:05
Operator : UM/IZ
Sample : G4731-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-STOCKPILE-(0-2)

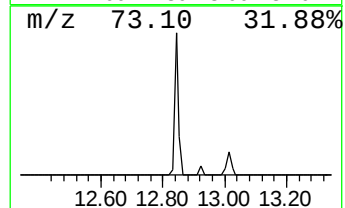
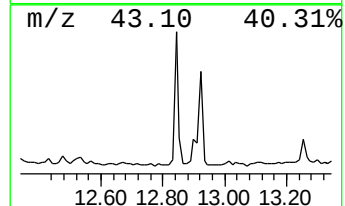
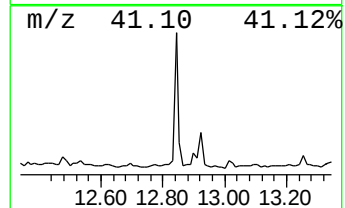
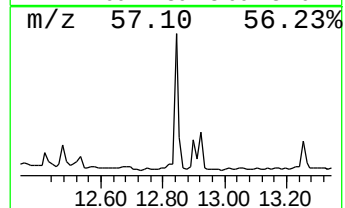
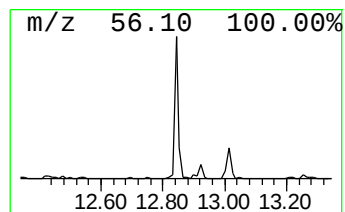
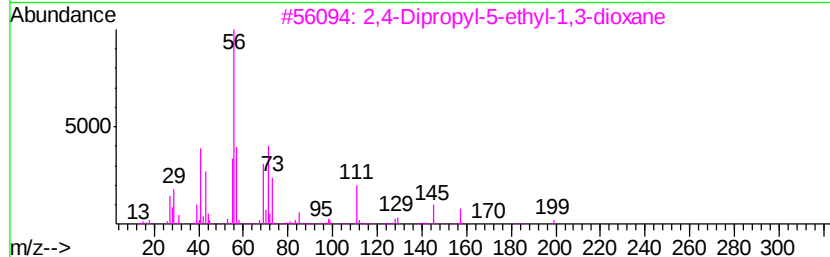
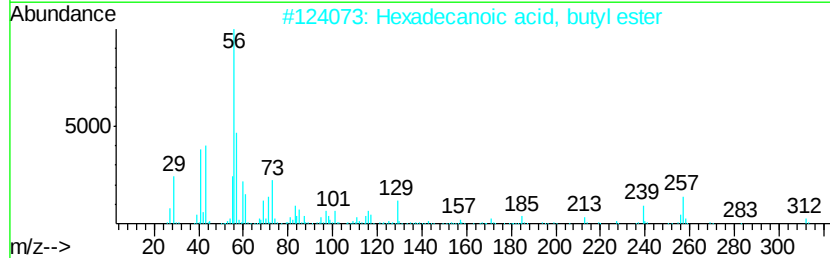
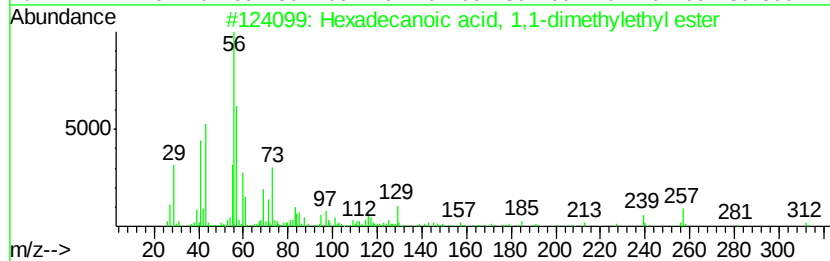
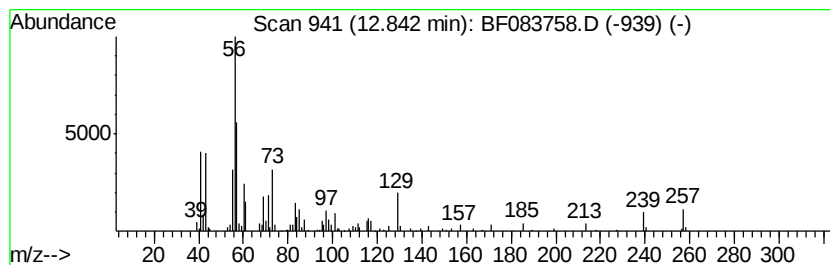
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, 1,1-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	4.96 ng	195113	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3		2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	37
4		3-Amino-2,2-dimethyl-1-propanol	103	C5H13NO	026734-09-8	35
5		Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083758.D
Acq On : 14 Dec 2015 5:05
Operator : UM/IZ
Sample : G4731-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-STOCKPILE-(0-2)

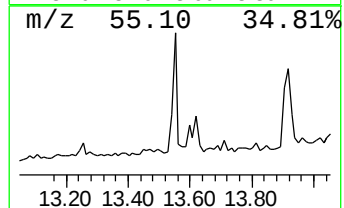
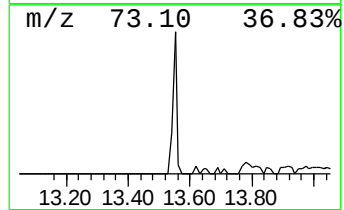
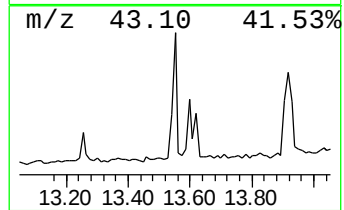
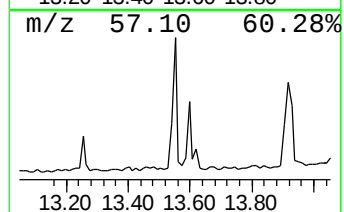
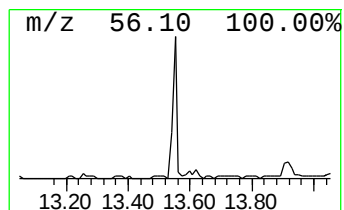
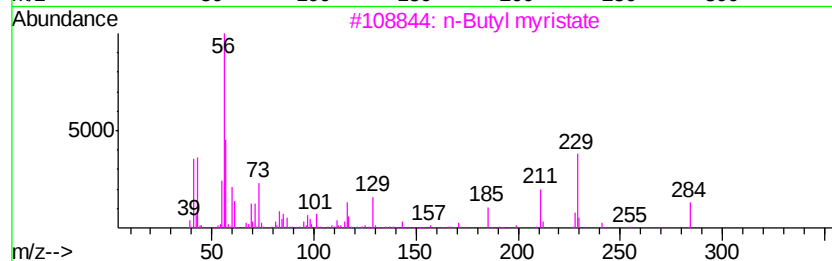
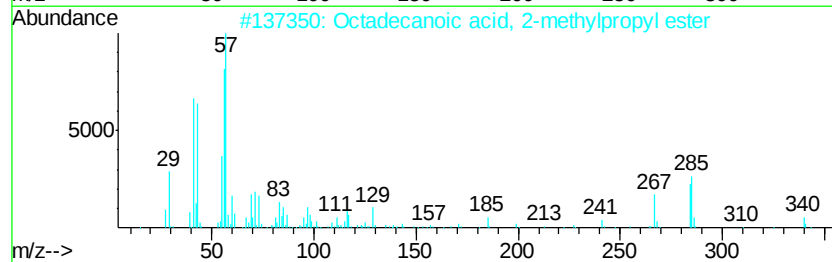
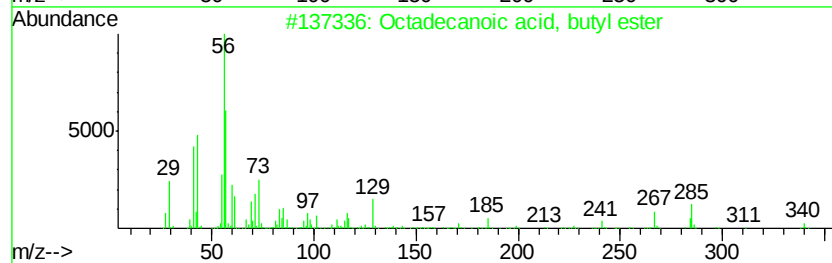
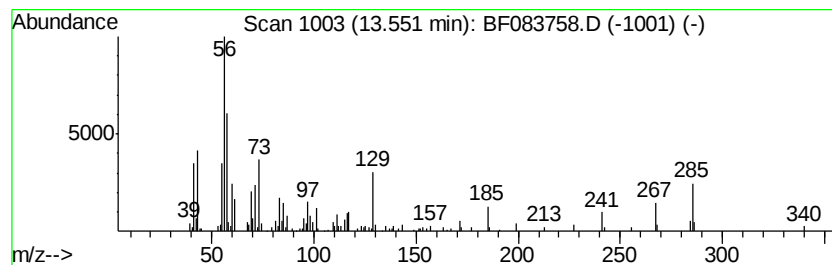
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	3.97 ng	155938	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	96
2		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	64
3		n-Butyl myristate	284	C18H36O2	000110-36-1	50
4		1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	32
5		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083758.D
Acq On : 14 Dec 2015 5:05
Operator : UM/IZ
Sample : G4731-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

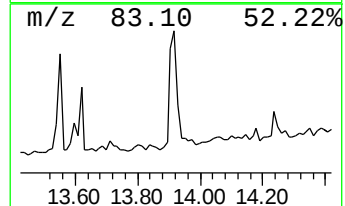
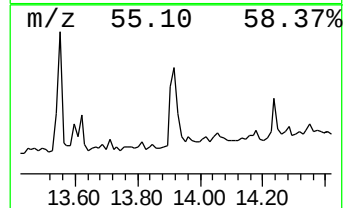
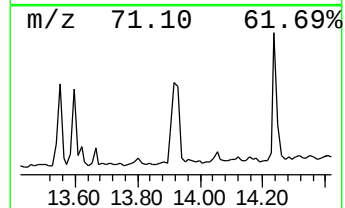
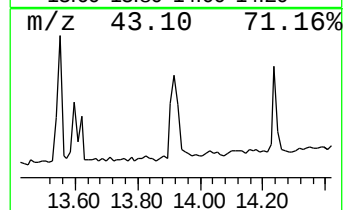
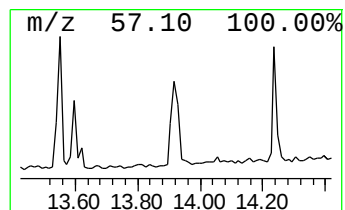
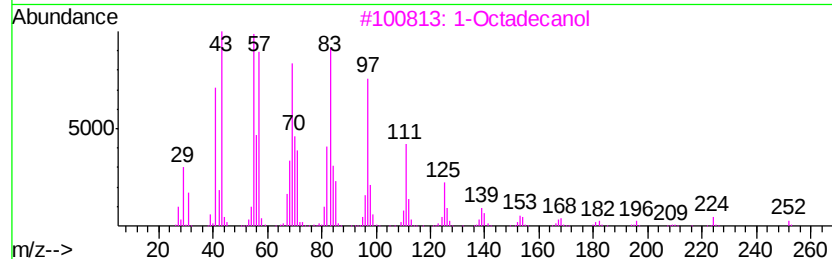
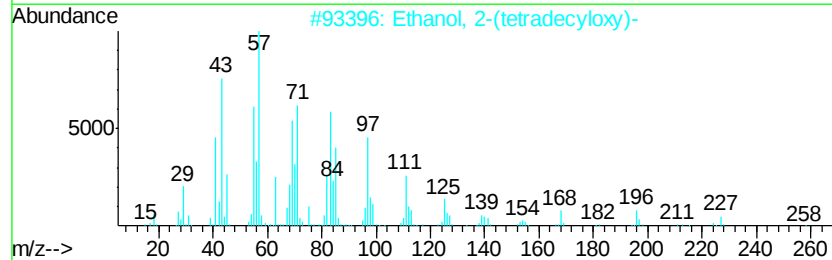
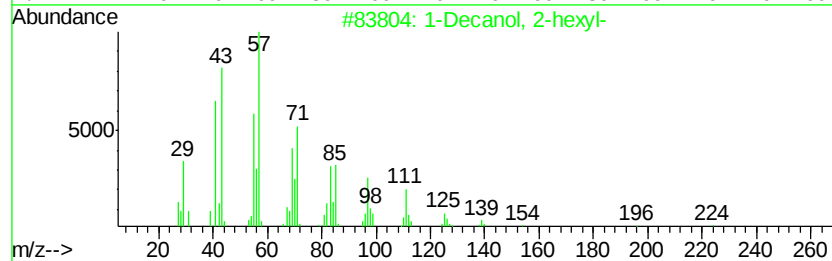
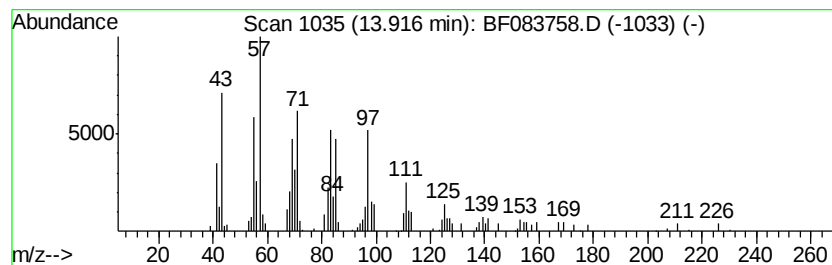
Instrument :
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ClientSampleId :
3-STOCKPILE-(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Decanol, 2-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	3.32 ng	130605	Chrysene-d12	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Decanol, 2-hexyl-	242 C16H34O	002425-77-6	87
2	Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1	81
3	1-Octadecanol	270 C18H38O	000112-92-5	64
4	Heptafluorobutyric acid, n-penta...	424 C19H31F7O2	1000216-79-3	64
5	Hexadecane	226 C16H34	000544-76-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
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Acq On : 14 Dec 2015 5:05
Operator : UM/IZ
Sample : G4731-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-STOCKPILE-(0-2)

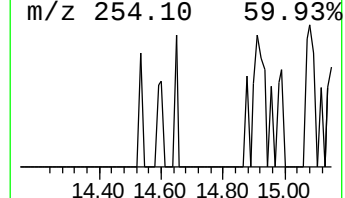
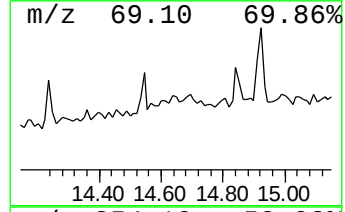
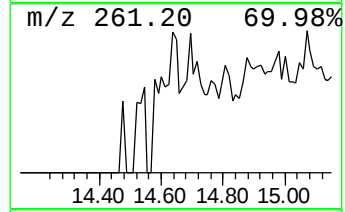
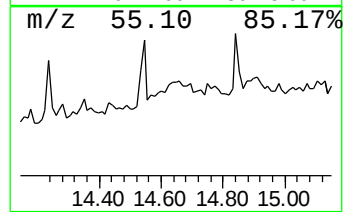
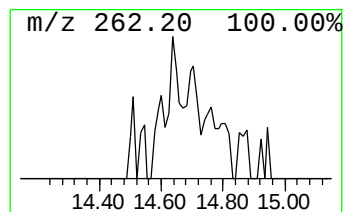
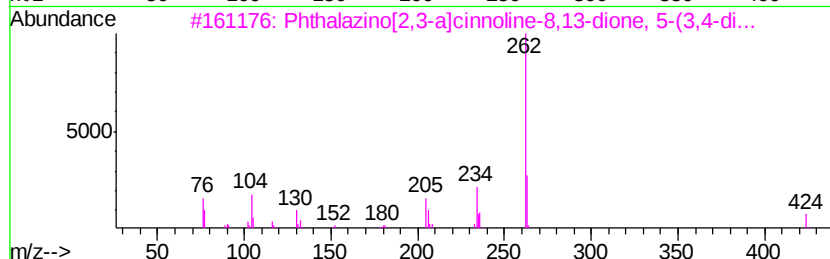
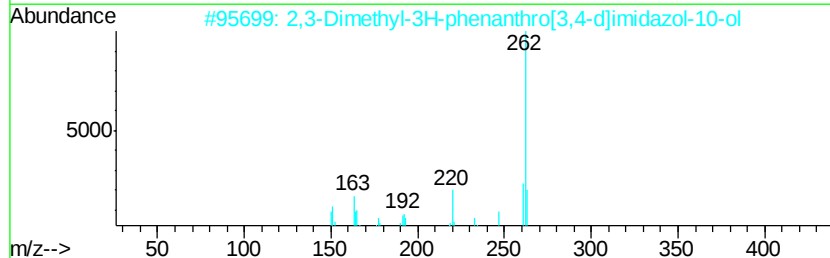
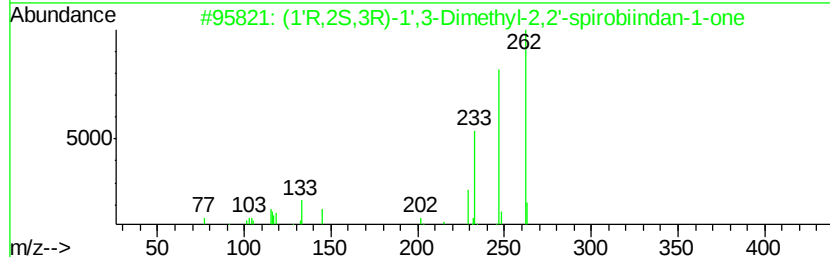
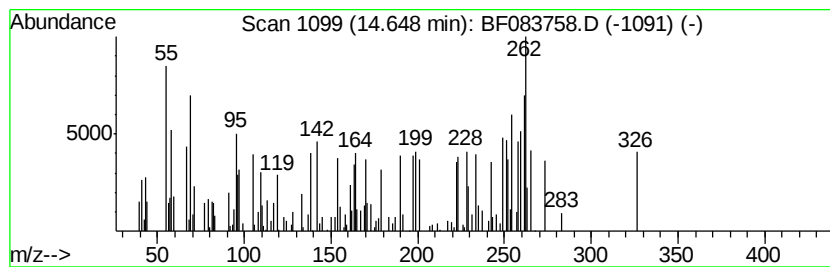
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.65 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	2.28 ng	89625	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1'R,2S,3R)-1',3-Dimethyl-2,2'-s...	262	C19H18O	1000099-36-1	44
2		2,3-Dimethyl-3H-phenanthro[3,4-d...	262	C17H14N2O	098033-25-1	11
3		Phthalazino[2,3-a]cinnoline-8,13...	426	C24H18N4O4	074966-82-8	10
4		Benzene, 1,2-diphenoxv-	262	C18H14O2	003379-37-1	10
5		Perylene, 1,2,3,3a,4,5,6,7,8,9-d...	262	C20H22	068913-00-8	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
Data File : BF083758.D
Acq On : 14 Dec 2015 5:05
Operator : UM/IZ
Sample : G4731-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-STOCKPILE-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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
Propane, 1,1-dime...	2.22	3.8	ng	130926	1	6.92	686556	20.0
Propane, 2-methyl...	5.12	28.2	ng	968446	1	6.92	686556	20.0
unknown6.69	6.69	98.4	ng	3376460	1	6.92	686556	20.0
Heptadecane	10.40	2.2	ng	85411	3	9.95	790550	20.0
Eicosane	10.86	2.9	ng	103763	4	11.44	711802	20.0
Hexadecanoic acid...	12.84	5.0	ng	195113	5	14.07	786071	20.0
Octadecanoic acid...	13.55	4.0	ng	155938	5	14.07	786071	20.0
1-Decanol, 2-hexyl-	13.92	3.3	ng	130605	5	14.07	786071	20.0
unknown14.65	14.65	2.3	ng	89625	5	14.07	786071	20.0