

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083748.D
 Acq On : 14 Dec 2015 00:04
 Operator : UM/IZ
 Sample : G4743-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM2-WEST-13

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	29	rVB3	49554	142659	3.56%	0.375%
2	5.116	262	265	271	rBV	829792	1207500	30.11%	3.176%
3	5.527	298	301	304	rBV	2781346	3596407	89.69%	9.460%
4	5.927	333	336	338	rBB	60977	52960	1.32%	0.139%
5	6.544	387	390	393	rVB	2610137	3629539	90.51%	9.547%
6	6.693	399	403	405	rBV	2770799	4010030	100.00%	10.548%
7	6.921	420	423	425	rBV	715336	808396	20.16%	2.126%
8	7.070	434	436	439	rVB	2181475	3044112	75.91%	8.007%
9	7.482	468	472	474	rBV	2240407	2746598	68.49%	7.225%
10	7.562	477	479	482	rVV	47765	73329	1.83%	0.193%
11	8.202	532	535	537	rBV	1187230	1107094	27.61%	2.912%
12	9.276	626	629	632	rVB	3695186	3897958	97.21%	10.253%
13	9.367	632	637	639	rBV	59835	62096	1.55%	0.163%
14	9.665	661	663	666	rBV	904314	833082	20.77%	2.191%
15	9.893	681	683	686	rBV	156837	124338	3.10%	0.327%
16	9.950	686	688	691	rVB	1229336	1191746	29.72%	3.135%
17	10.396	723	727	728	rBV	136697	181562	4.53%	0.478%
18	10.613	743	746	749	rBV	62093	90408	2.25%	0.238%
19	10.739	754	757	759	rBV	2669303	2743495	68.42%	7.216%
20	10.865	765	768	773	rBV	189809	244407	6.09%	0.643%
21	11.310	805	807	808	rBV	162636	128580	3.21%	0.338%
22	11.345	808	810	812	rVB	39864	44277	1.10%	0.116%
23	11.436	815	818	820	rVV	993240	1157385	28.86%	3.044%
24	11.493	820	823	825	rVB2	34883	52233	1.30%	0.137%
25	11.733	842	844	848	rBV	112560	105433	2.63%	0.277%
26	11.905	855	859	863	rBV	42886	132952	3.32%	0.350%
27	11.962	863	864	866	rBV	45010	43708	1.09%	0.115%
28	12.145	876	880	882	rBV3	83875	123833	3.09%	0.326%
29	12.533	911	914	918	rVB	59678	101616	2.53%	0.267%
30	12.842	939	941	944	rBV	153563	128980	3.22%	0.339%
31	12.899	944	946	950	rVB2	82107	107637	2.68%	0.283%
32	13.014	953	956	959	rBV	3031864	3855361	96.14%	10.141%
33	13.254	975	977	979	rVB	63409	54753	1.37%	0.144%
34	13.551	1001	1003	1005	rBV	80874	92397	2.30%	0.243%

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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

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35	13.596	1005	1007	1011	rVB	62520	74588	1.86%	0.196%
36	13.905	1032	1034	1042	rBV2	115727	216461	5.40%	0.569%
37	14.054	1045	1047	1050	rVB	880754	879097	21.92%	2.312%
38	14.236	1061	1063	1068	rVB	63157	59235	1.48%	0.156%
39	14.545	1088	1090	1092	rBV	41526	53165	1.33%	0.140%
40	15.494	1170	1173	1176	rBV	529352	651391	16.24%	1.713%
41	16.088	1221	1225	1232	rVB5	11713	42326	1.06%	0.111%
42	17.745	1366	1370	1385	rVB2	17563	79829	1.99%	0.210%
43	18.568	1435	1442	1448	rBV	12412	44873	1.12%	0.118%

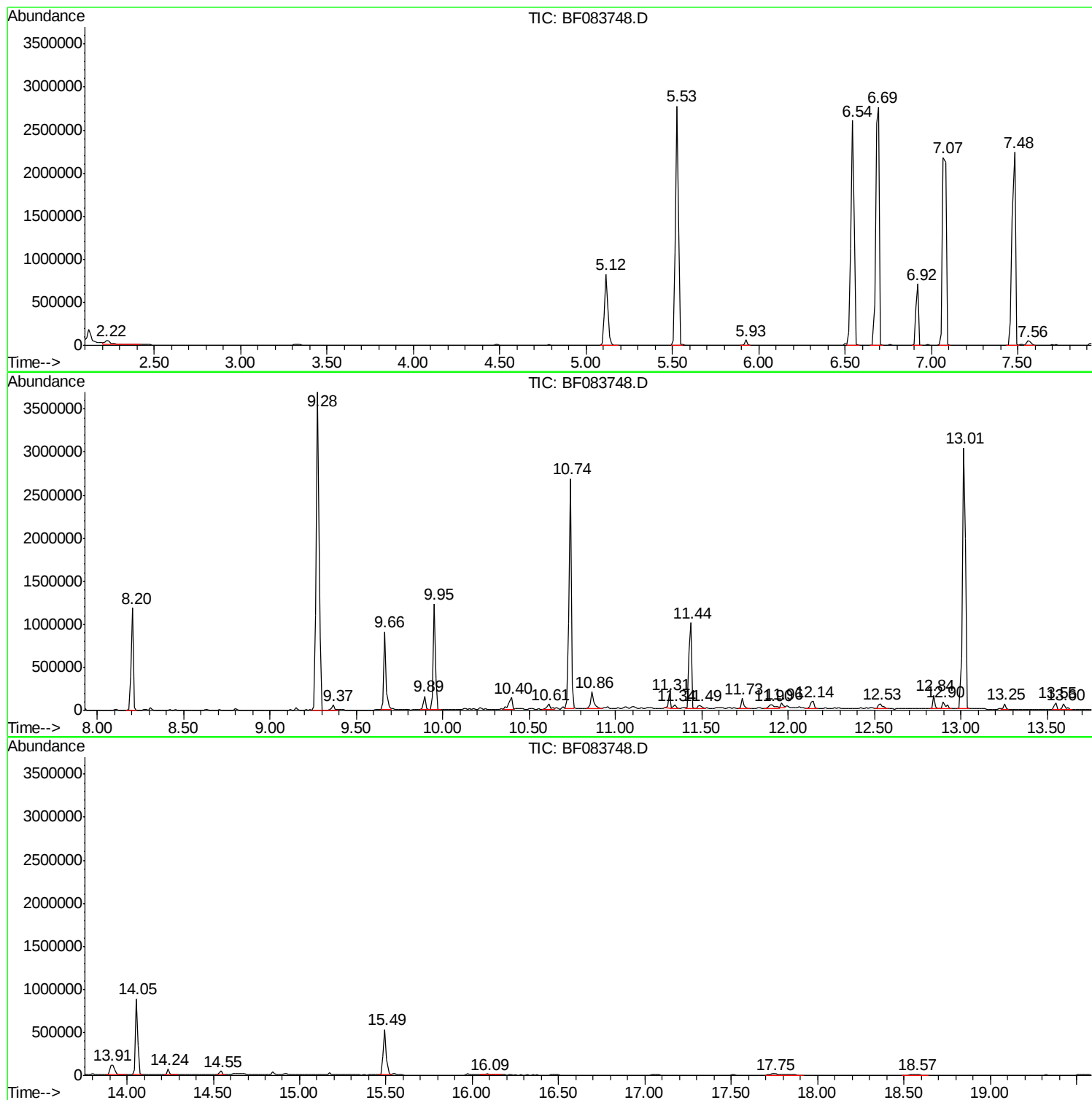
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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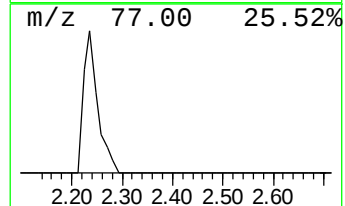
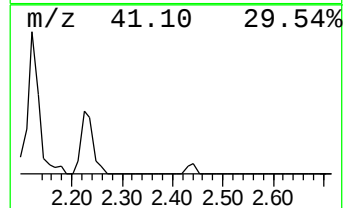
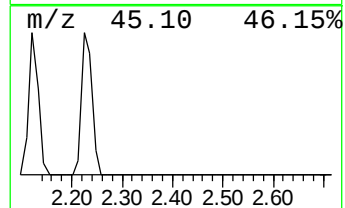
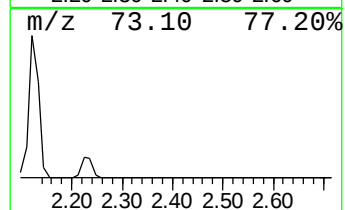
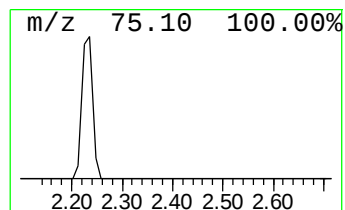
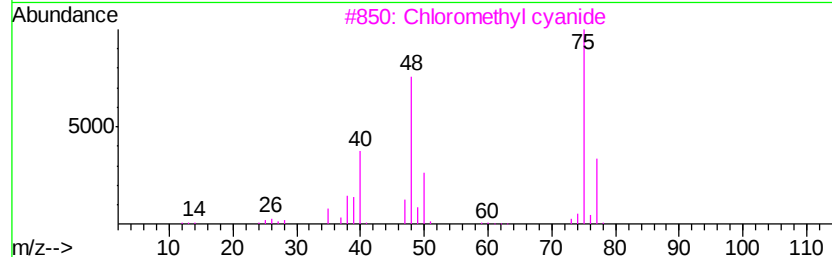
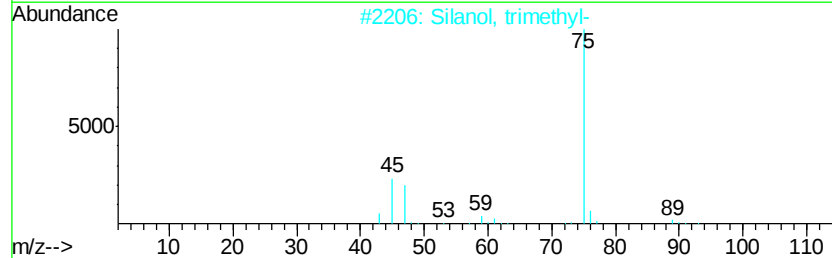
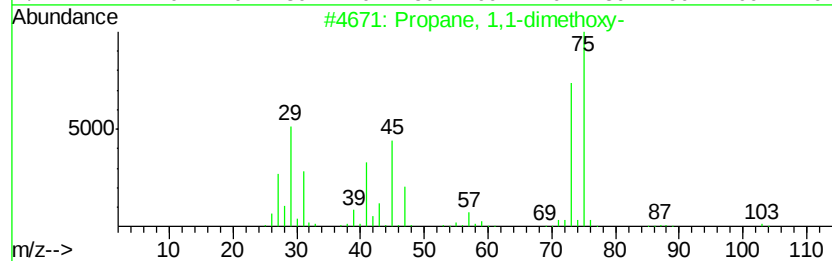
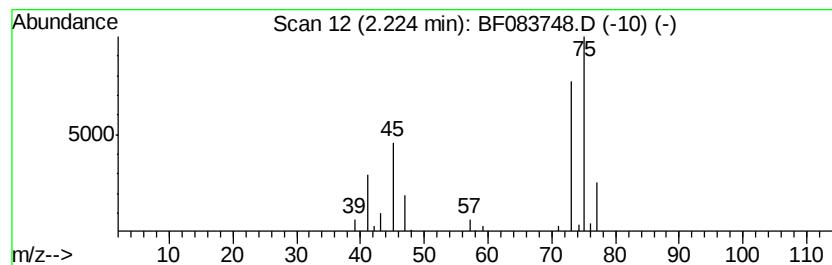
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	3.53 ng	142659	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	78
2		Silanol, trimethyl-	90	C3H10OSi	001066-40-6	28
3		Chloromethyl cyanide	75	C2H2ClN	000107-14-2	9
4		Formamide, N-methylthio	75	C2H5NS	018952-41-5	9
5		Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9



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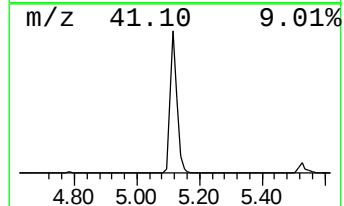
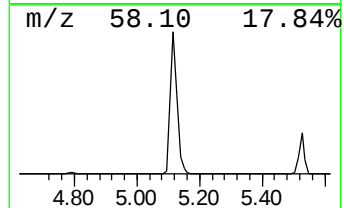
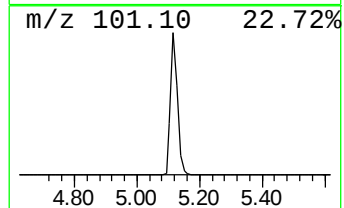
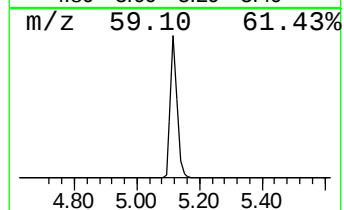
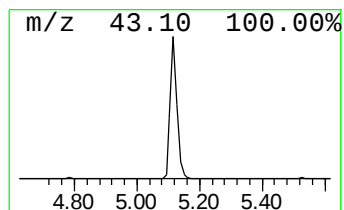
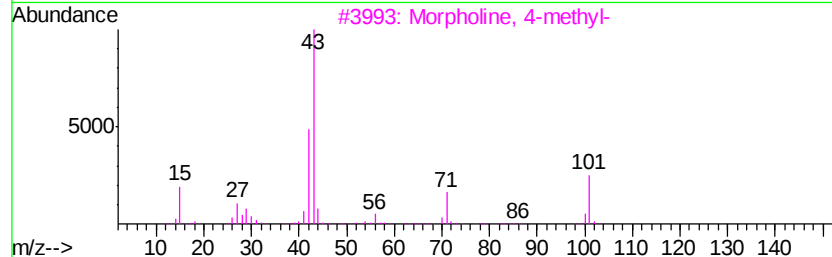
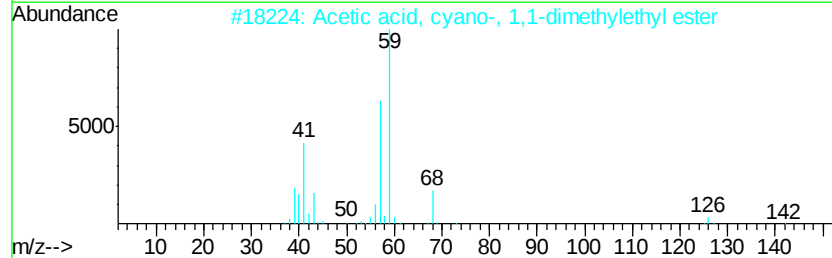
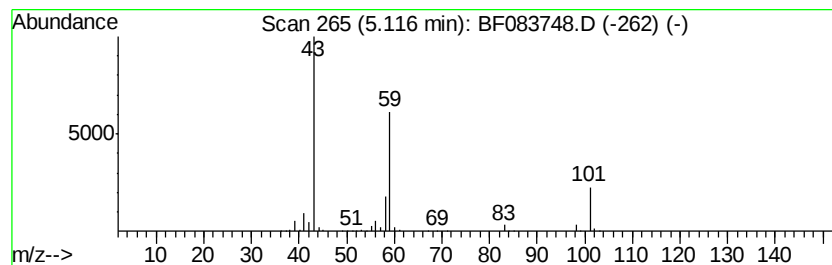
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	29.87 ng	1207500	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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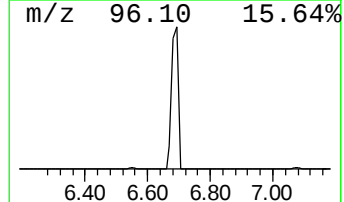
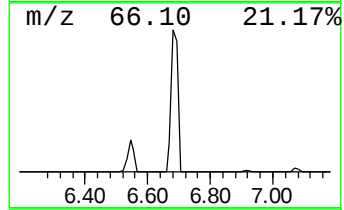
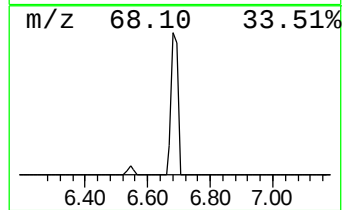
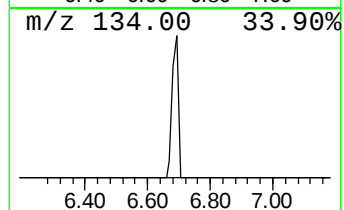
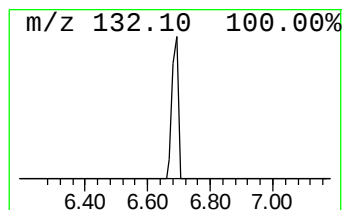
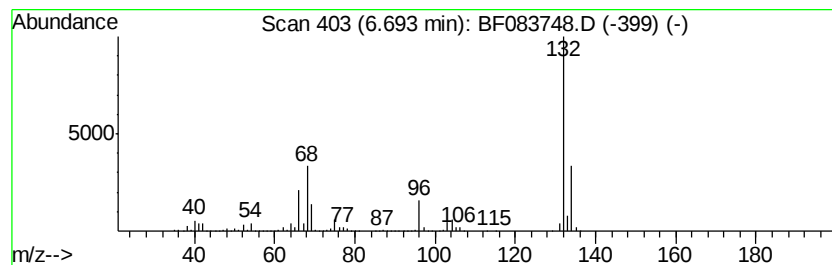
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	99.21 ng	4010030	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	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	16
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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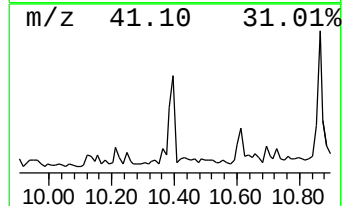
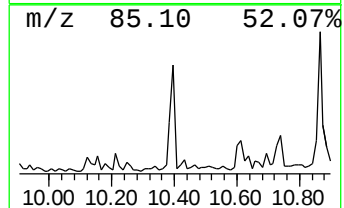
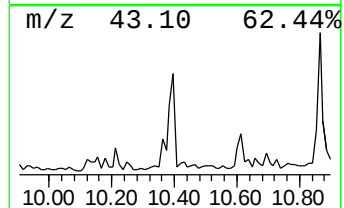
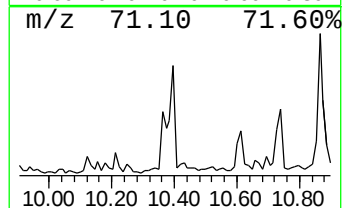
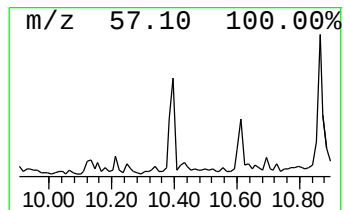
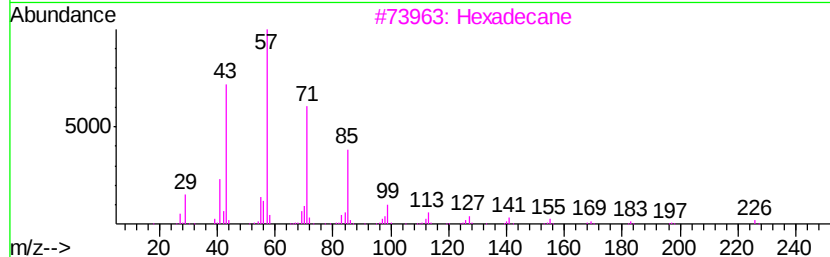
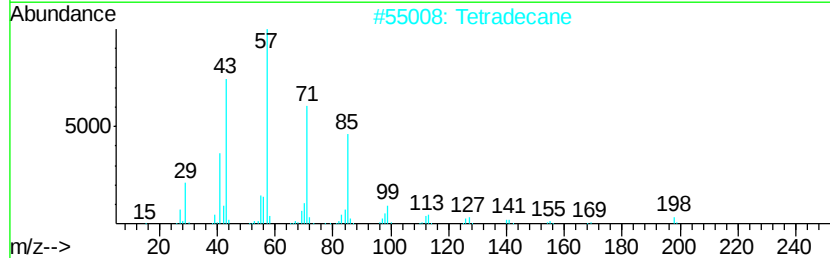
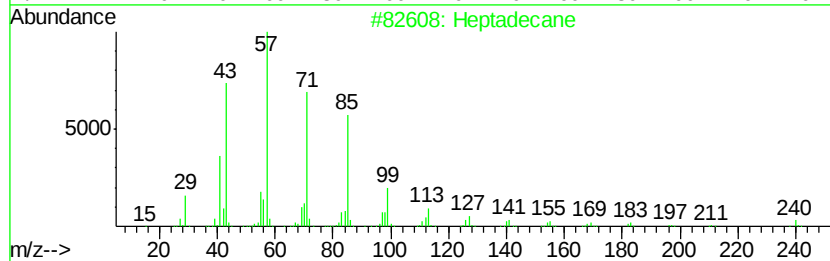
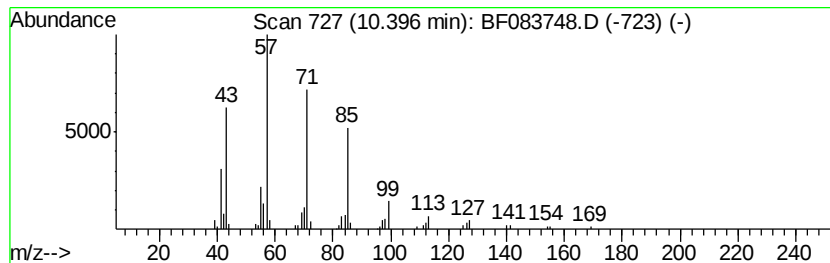
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	3.05 ng	181562	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	91
3	Hexadecane		226	C16H34	000544-76-3	90
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	86
5	Eicosane		282	C20H42	000112-95-8	83



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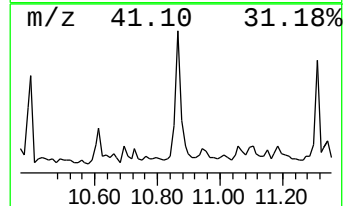
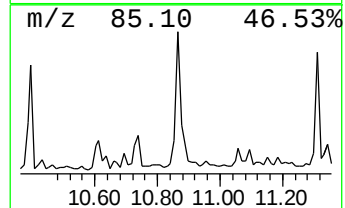
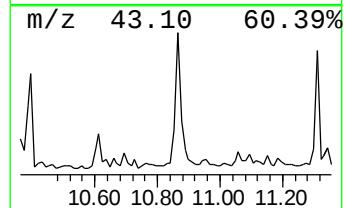
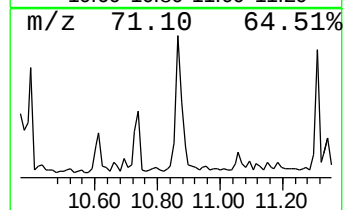
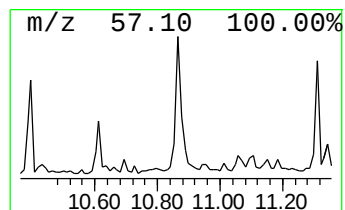
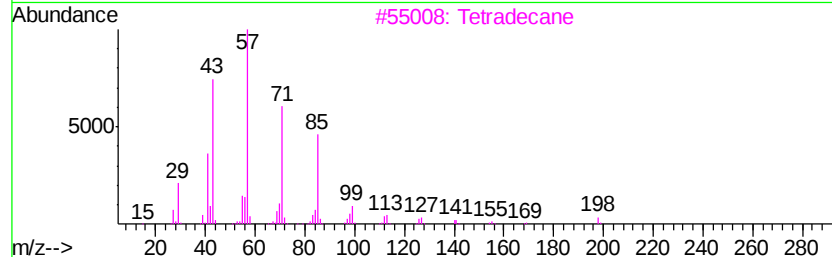
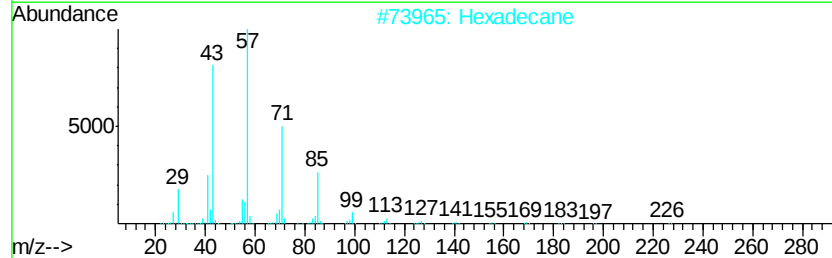
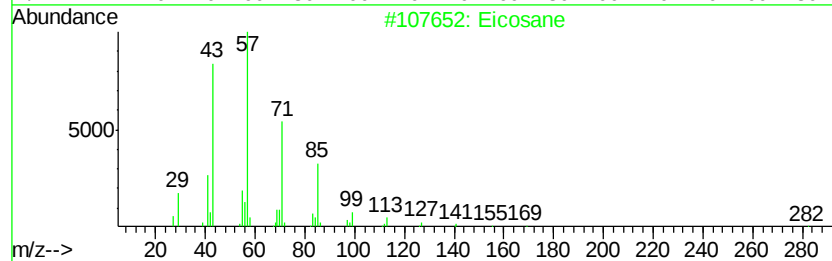
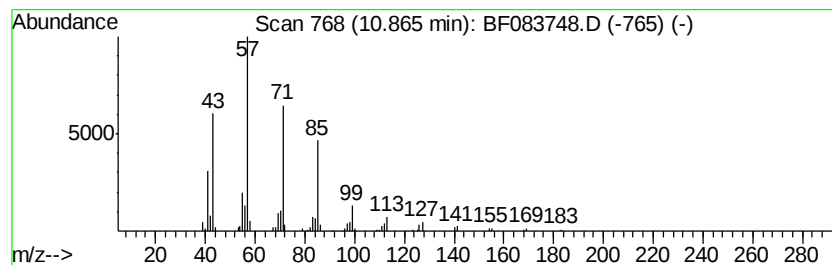
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.86	4.22 ng	244407	Phenanthrene-d10		11.44
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Pentadecane	212	C15H32	000629-62-9	86



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BOTTOM2-WEST-13

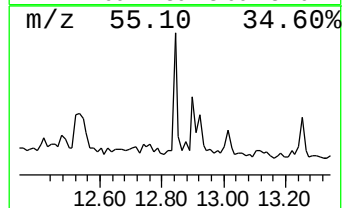
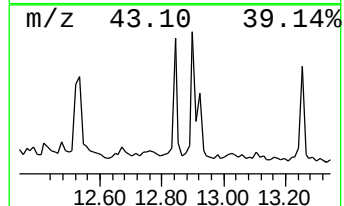
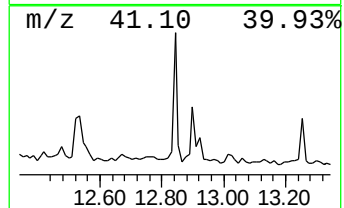
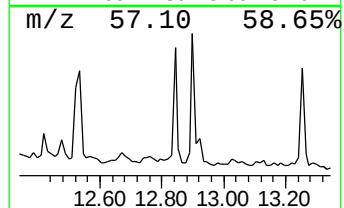
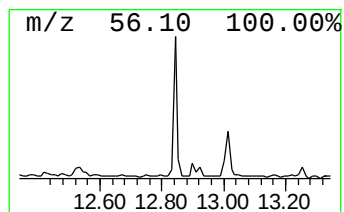
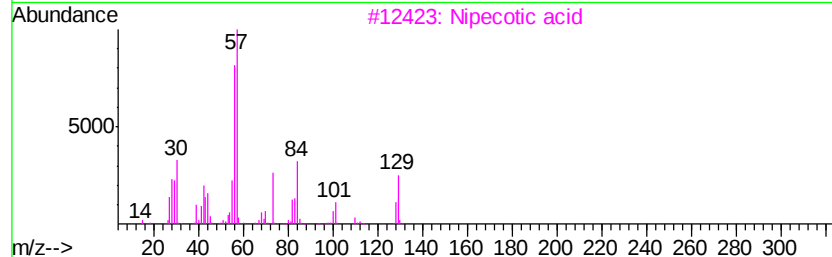
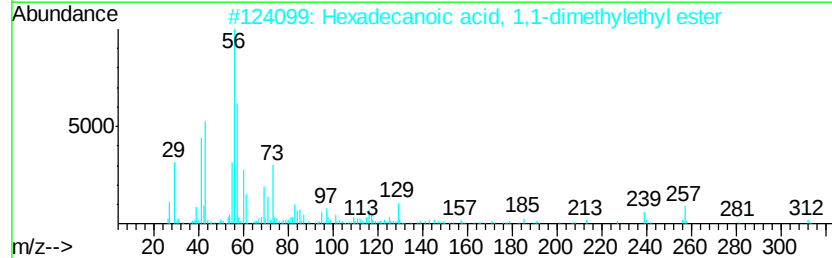
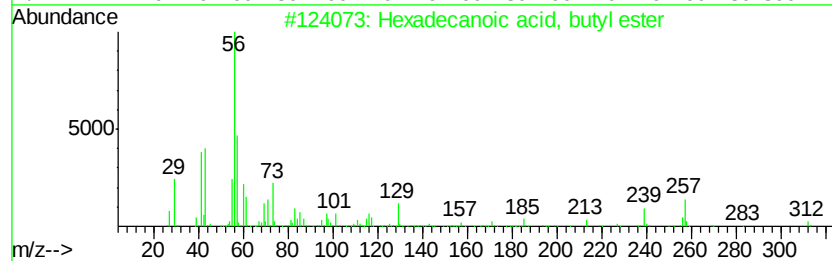
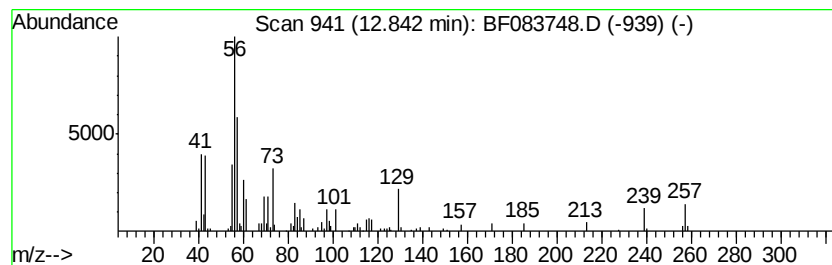
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	2.93 ng	128980	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	87
3		Nipecotic acid	129	C6H11NO2	000498-95-3	50
4		Propan-2-one 0-(2-chloro-1-methy...	149	C6H12ClNO	1000186-05-6	38
5		Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
Data File : BF083748.D
Acq On : 14 Dec 2015 00:04
Operator : UM/IZ
Sample : G4743-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM2-WEST-13

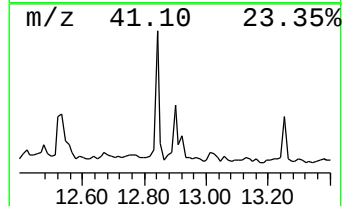
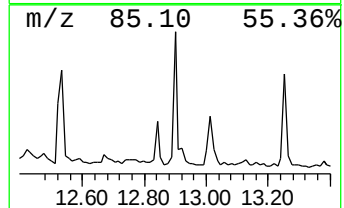
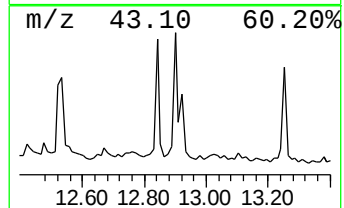
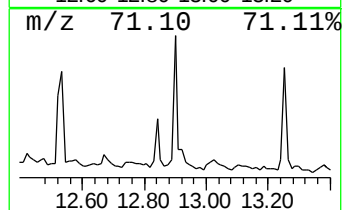
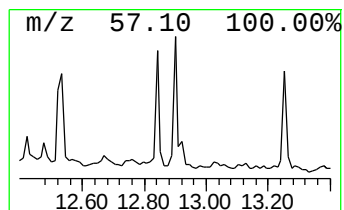
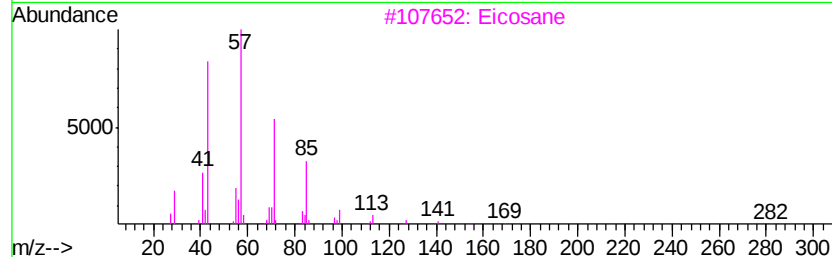
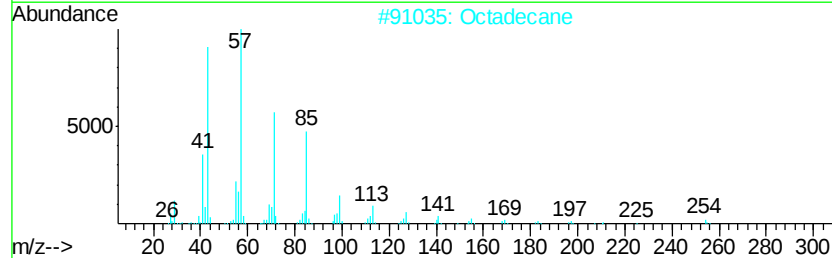
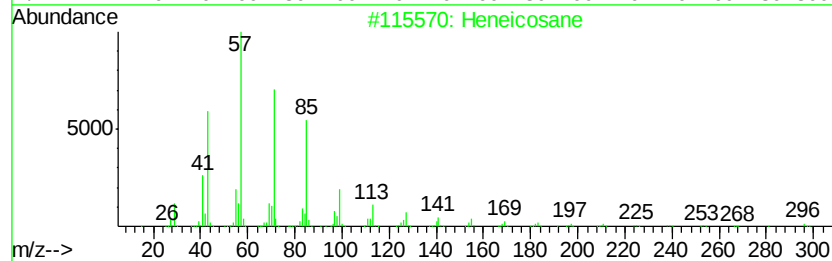
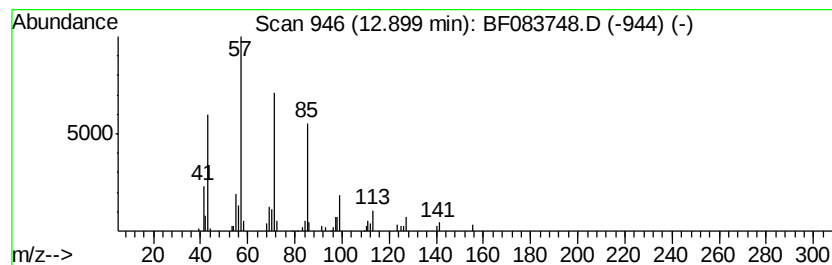
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.45 ng	107637	Chrysene-d12	14.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Octadecane		254	C18H38	000593-45-3	90
3	Eicosane		282	C20H42	000112-95-8	90
4	Pentadecane		212	C15H32	000629-62-9	90
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083748.D
Acq On : 14 Dec 2015 00:04
Operator : UM/IZ
Sample : G4743-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM2-WEST-13

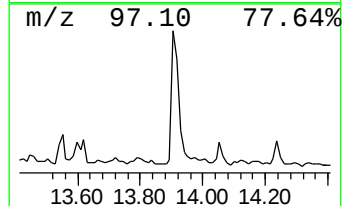
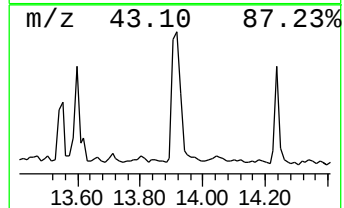
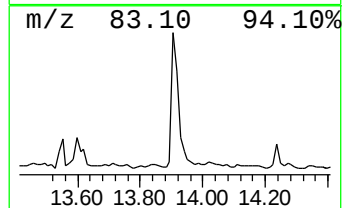
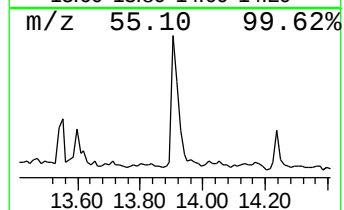
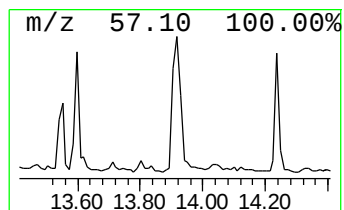
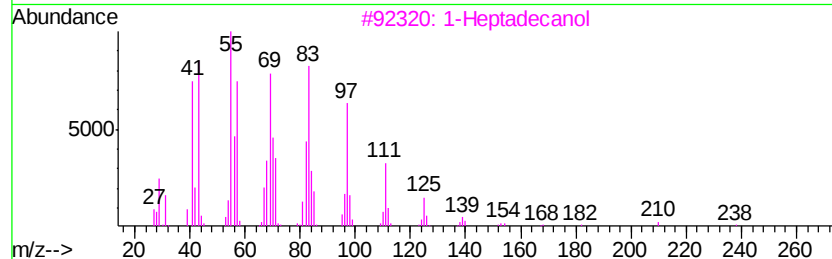
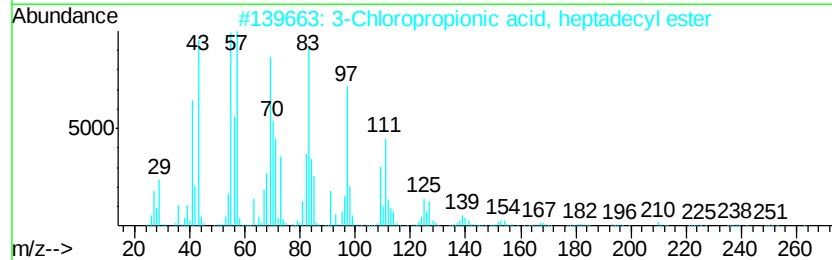
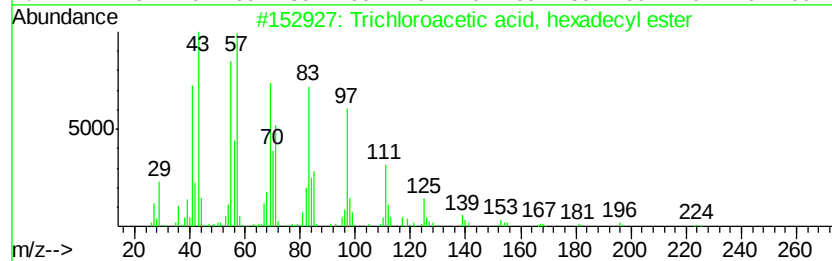
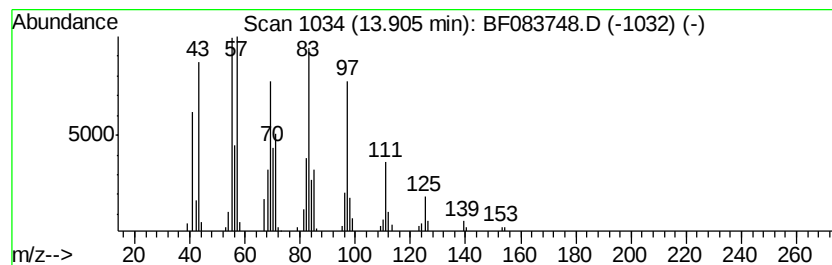
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	4.92 ng	216461	Chrysene-d12	14.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
3		1-Heptadecanol	256	C17H36O	001454-85-9	90
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
Data File : BF083748.D
Acq On : 14 Dec 2015 00:04
Operator : UM/IZ
Sample : G4743-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM2-WEST-13

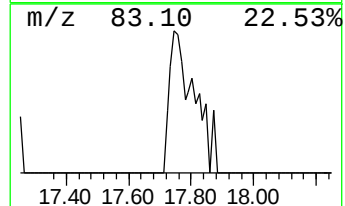
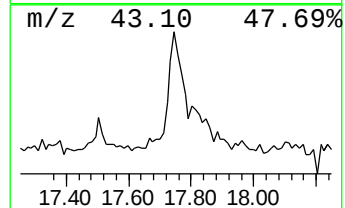
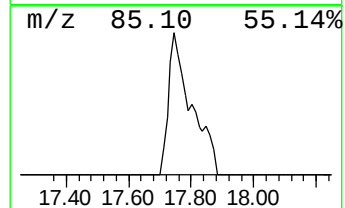
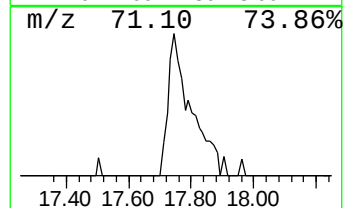
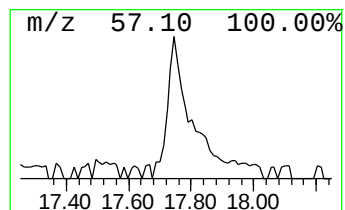
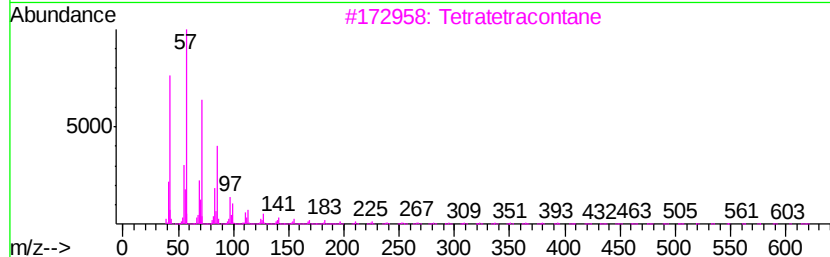
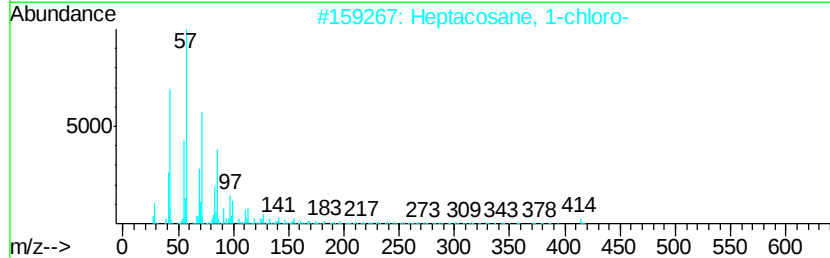
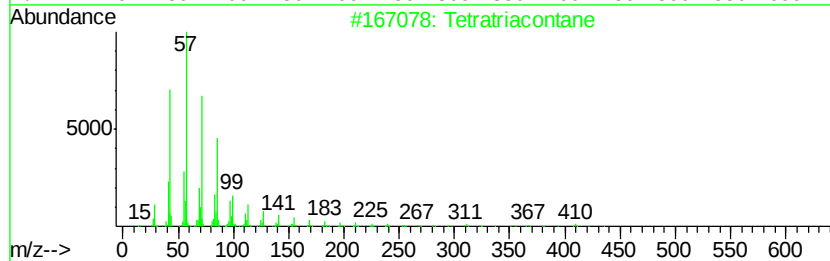
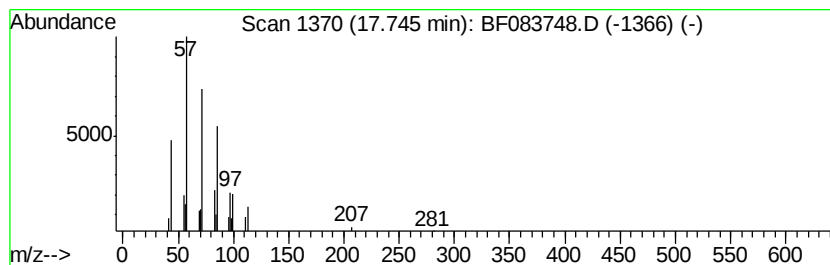
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	2.45 ng	79829	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontane	479	C34H70	014167-59-0	86
2			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
3			Tetratetracontane	619	C44H90	007098-22-8	83
4			Heneicosane	296	C21H44	000629-94-7	72
5			Tritetracontane	605	C43H88	007098-21-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
Data File : BF083748.D
Acq On : 14 Dec 2015 00:04
Operator : UM/IZ
Sample : G4743-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 1,1-dime...	2.22	3.5	ng	142659	1	6.92	808396	20.0
2-Pentanone, 4-hy...	5.12	29.9	ng	1207500	1	6.92	808396	20.0
unknown6.69	6.69	99.2	ng	4010030	1	6.92	808396	20.0
Heptadecane	10.40	3.0	ng	181562	3	9.95	1191750	20.0
Eicosane	10.86	4.2	ng	244407	4	11.44	1157390	20.0
Hexadecanoic acid...	12.84	2.9	ng	128980	5	14.05	879097	20.0
Heneicosane	12.90	2.5	ng	107637	5	14.05	879097	20.0
Trichloroacetic a...	13.91	4.9	ng	216461	5	14.05	879097	20.0
Tetratriacontane	17.75	2.5	ng	79829	6	15.49	651391	20.0