

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083761.D
 Acq On : 14 Dec 2015 6:29
 Operator : UM/IZ
 Sample : G4648-05
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(0-0.16)

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	rVB2	46237	117411	3.78%	0.443%
2	5.116	262	265	270	rBV	536553	675404	21.72%	2.546%
3	5.527	298	301	304	rBV	2450626	2716914	87.37%	10.241%
4	6.544	387	390	393	rBV	2213242	2654683	85.37%	10.006%
5	6.693	400	403	405	rBV	2471672	3109577	100.00%	11.721%
6	6.922	420	423	425	rBV	695537	633017	20.36%	2.386%
7	7.082	434	437	439	rBV	2216667	2457109	79.02%	9.261%
8	7.482	469	472	474	rBV	1850197	2010864	64.67%	7.579%
9	8.202	533	535	537	rBV	914228	775271	24.93%	2.922%
10	9.276	626	629	632	rBV	2861931	2853428	91.76%	10.755%
11	9.665	661	663	666	rBV	385953	359360	11.56%	1.354%
12	9.893	681	683	686	rBV	55668	45431	1.46%	0.171%
13	9.950	686	688	691	rVB	695680	740893	23.83%	2.793%
14	10.396	723	727	728	rBV	64831	63645	2.05%	0.240%
15	10.613	743	746	749	rBV	22077	38299	1.23%	0.144%
16	10.739	754	757	759	rBV	1701379	1587863	51.06%	5.985%
17	10.865	766	768	772	rBV	73603	77104	2.48%	0.291%
18	11.436	816	818	820	rBV	718014	661021	21.26%	2.492%
19	12.842	939	941	944	rBV	280206	274638	8.83%	1.035%
20	12.922	944	948	950	rVB	69220	70493	2.27%	0.266%
21	13.014	954	956	959	rBV	2043006	2319879	74.60%	8.744%
22	13.551	1001	1003	1005	rBV	262512	231477	7.44%	0.872%
23	13.597	1005	1007	1011	rVB2	45940	70600	2.27%	0.266%
24	13.917	1032	1035	1043	rBV	225435	371725	11.95%	1.401%
25	14.065	1045	1048	1050	rBV	673697	684485	22.01%	2.580%
26	14.237	1061	1063	1066	rBV	65787	74817	2.41%	0.282%
27	14.545	1088	1090	1092	rBV	82793	90815	2.92%	0.342%
28	14.842	1114	1116	1119	rVB	59831	68265	2.20%	0.257%
29	15.174	1143	1145	1148	rBV	39096	55035	1.77%	0.207%
30	15.505	1171	1174	1176	rBV	403910	539551	17.35%	2.034%
31	15.551	1176	1178	1182	rVB	39924	69623	2.24%	0.262%
32	15.985	1213	1216	1217	rBV	22552	32343	1.04%	0.122%

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ClientSampleId :
SB-03(0-0.16)

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
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

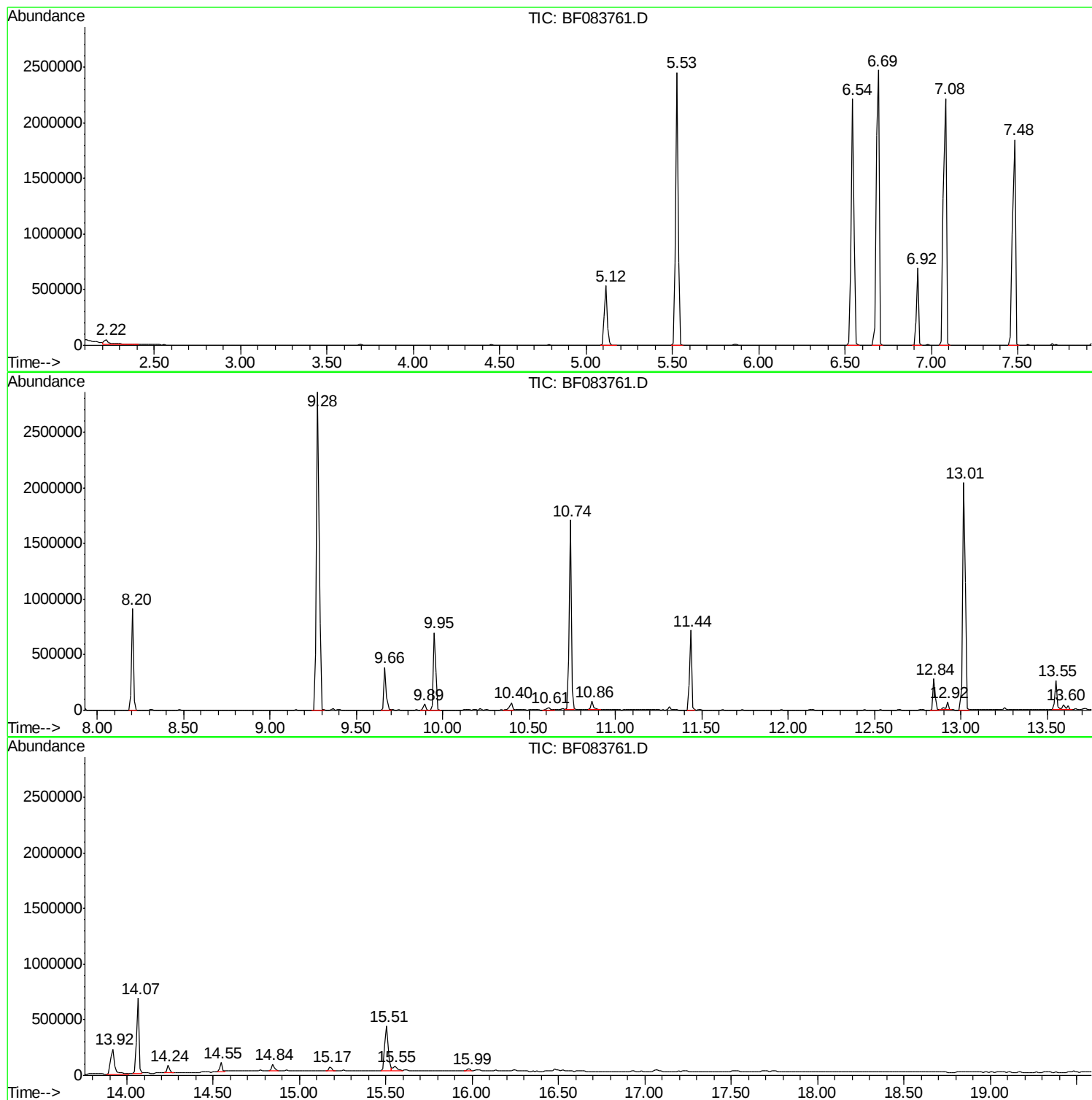
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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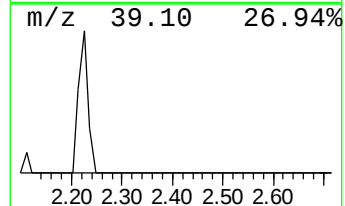
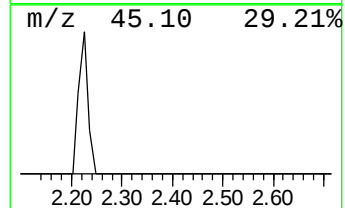
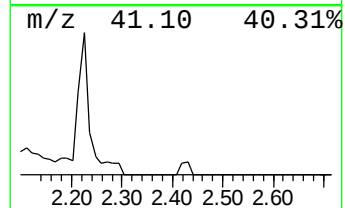
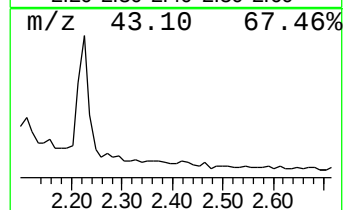
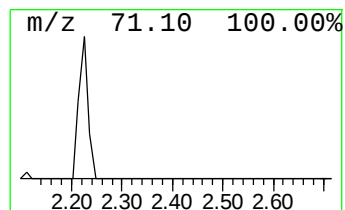
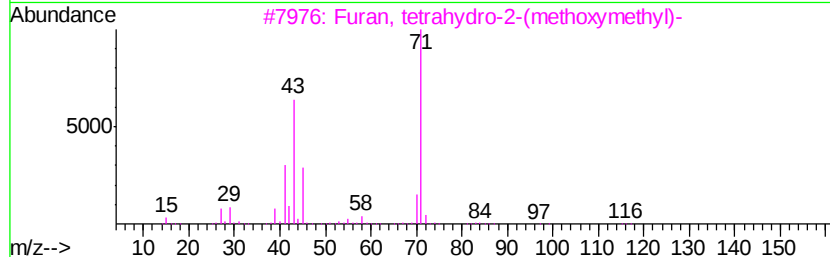
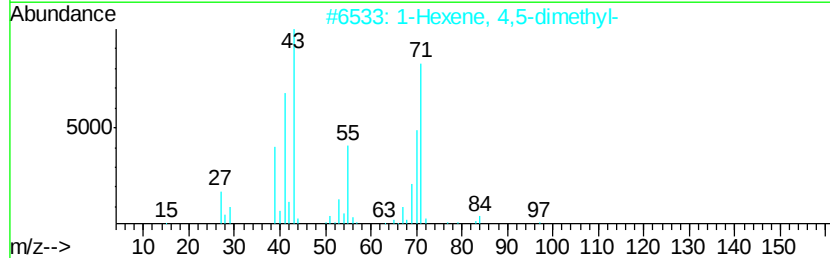
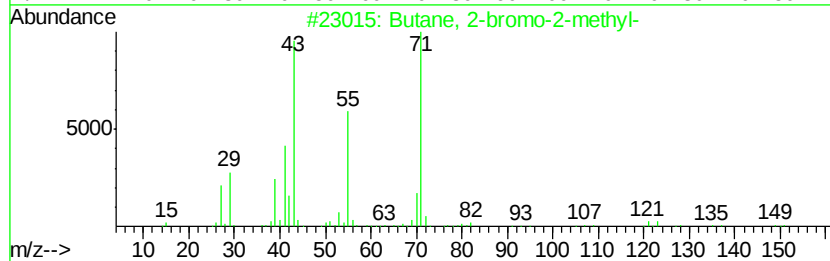
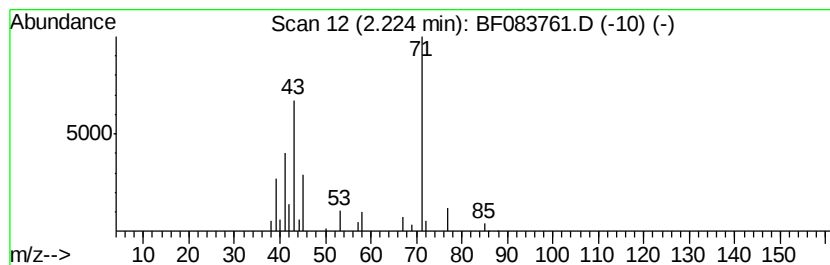
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-bromo-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	3.71 ng	117411	1,4-Dichlorobenzene-d4	6.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-bromo-2-methyl-	150	C5H11Br	000507-36-8	50
2			1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	50
3			Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	45
4			2-Furanmethanol, tetrahydro-	102	C5H10O2	000097-99-4	40
5			2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	38



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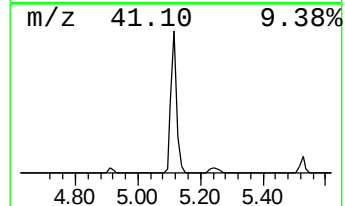
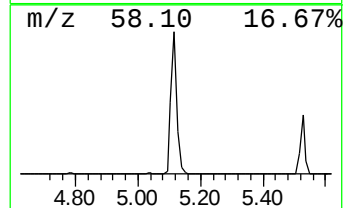
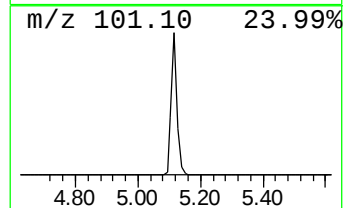
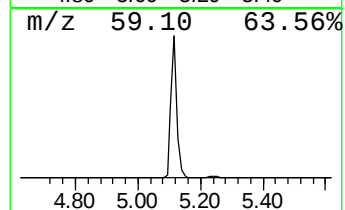
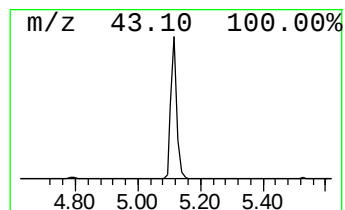
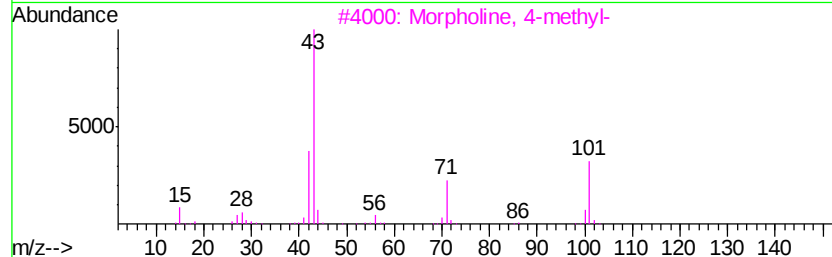
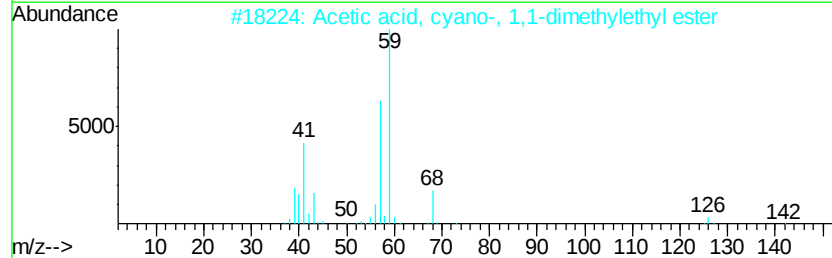
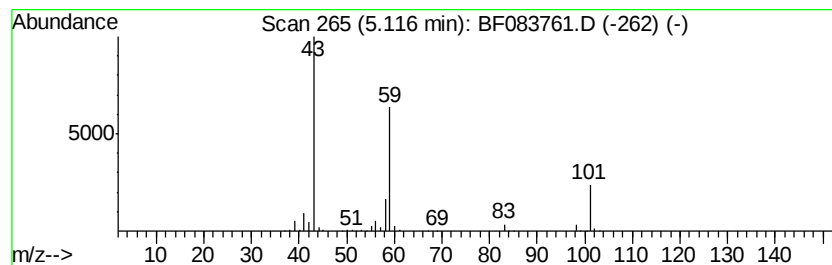
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	21.34 ng	675404	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	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
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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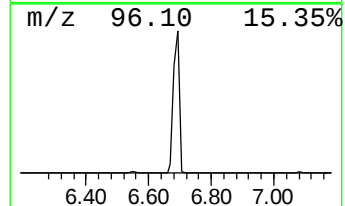
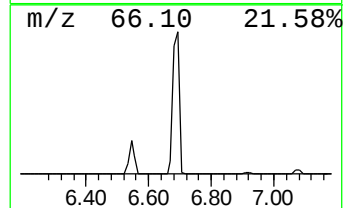
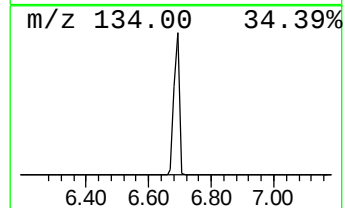
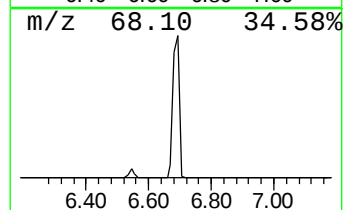
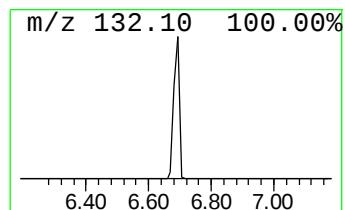
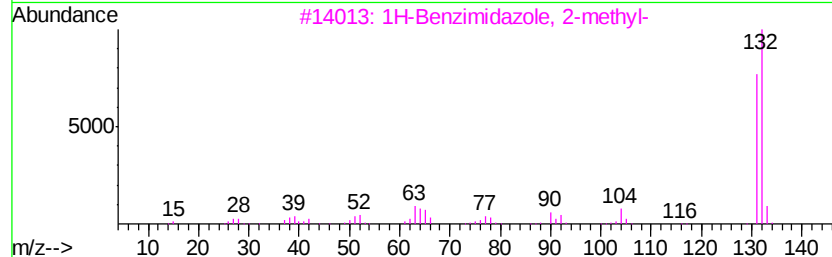
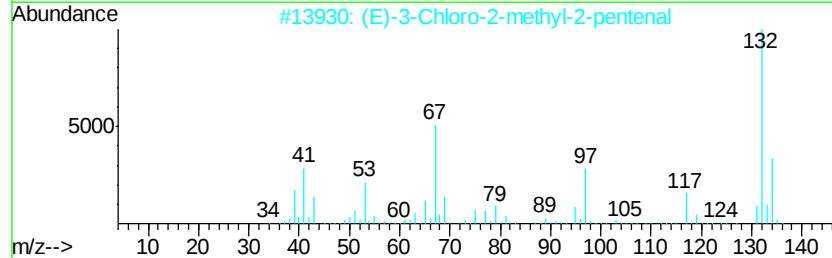
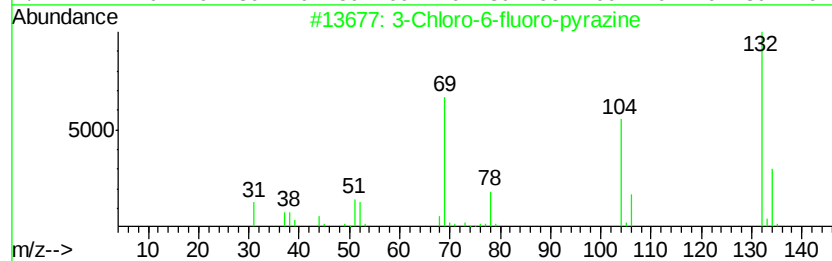
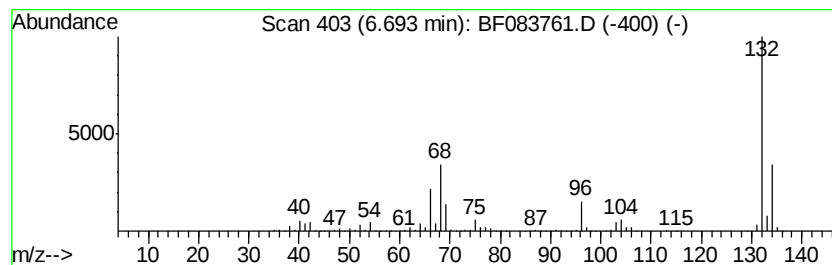
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	98.25 ng	3109580	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		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		Xenon	132	Xe	007440-63-3	9



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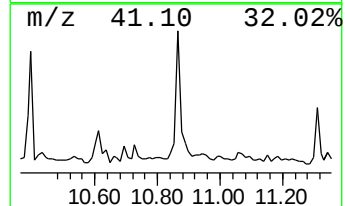
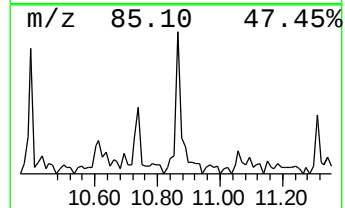
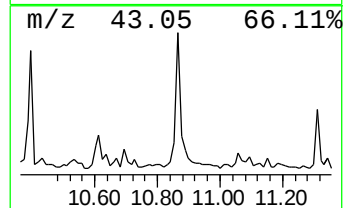
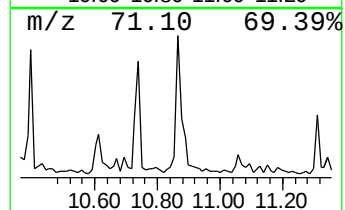
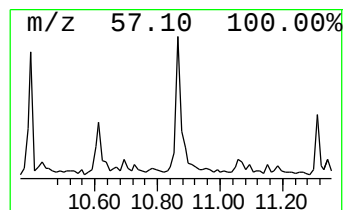
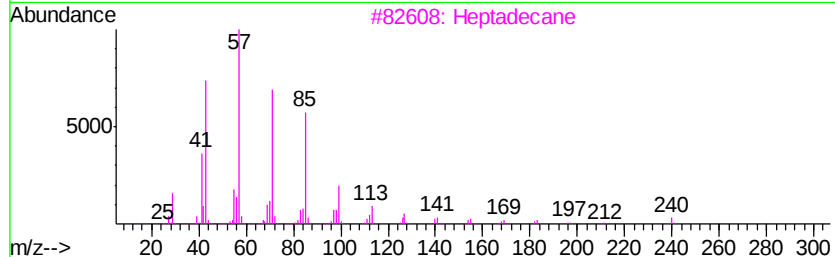
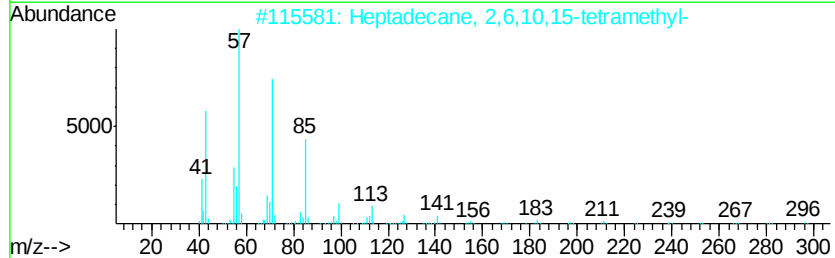
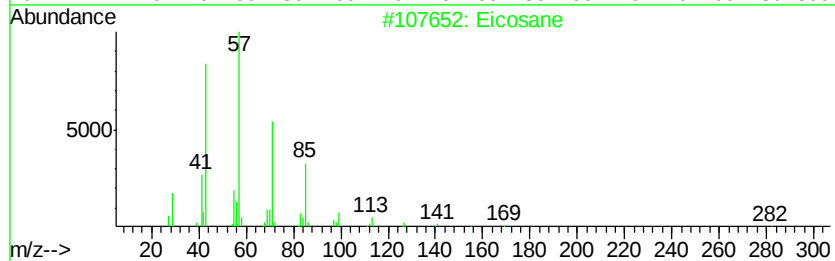
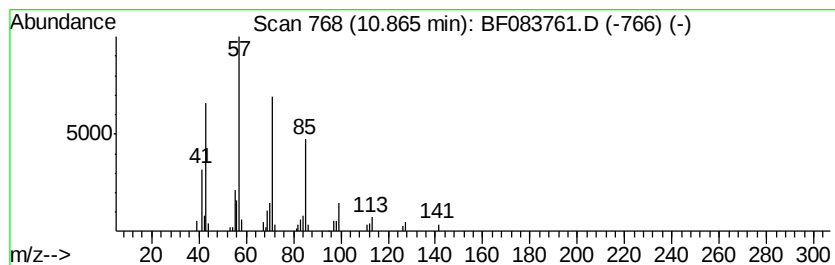
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	2.33 ng	77104	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	91
3	Heptadecane		240	C17H36	000629-78-7	91
4	Pentadecane		212	C15H32	000629-62-9	90
5	Tritetracontane		605	C43H88	007098-21-7	90



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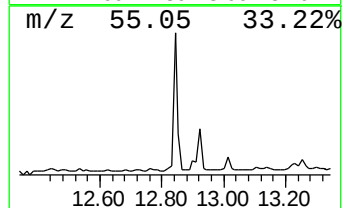
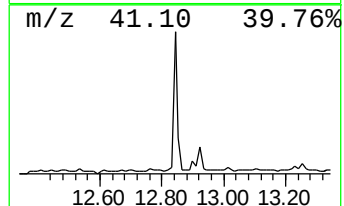
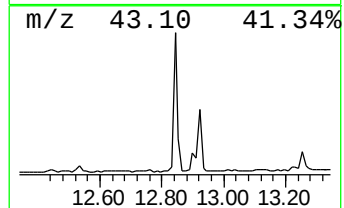
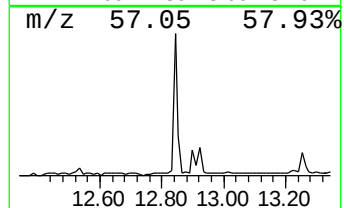
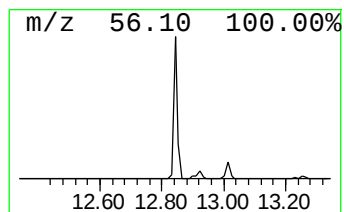
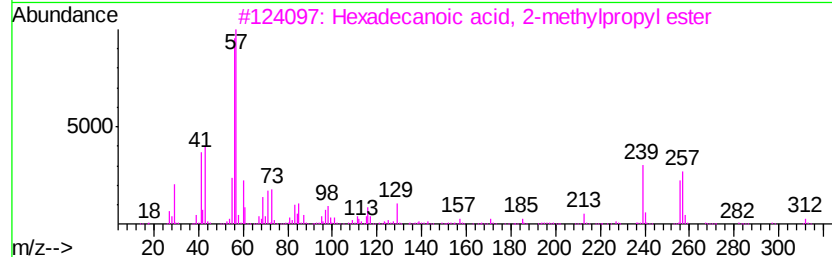
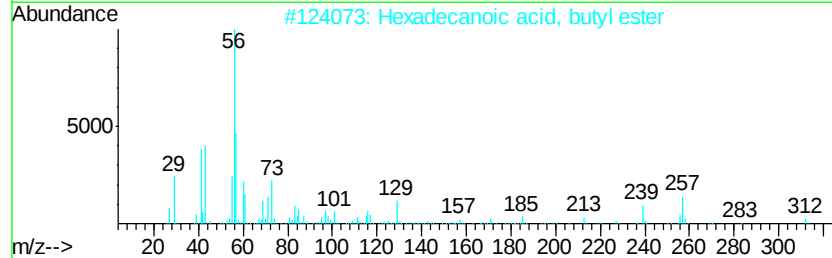
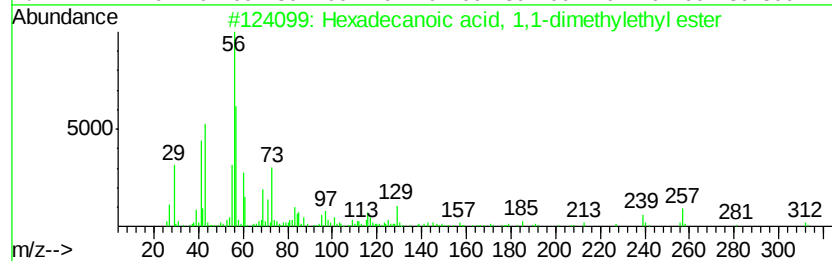
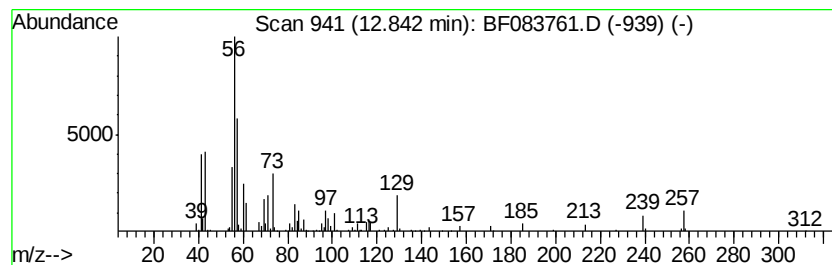
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecanoic acid, 1,1-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	8.02 ng	274638	Chrysene-d12	14.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	50
4		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
5		Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	38



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SB-03(0-0.16)

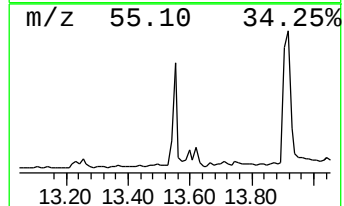
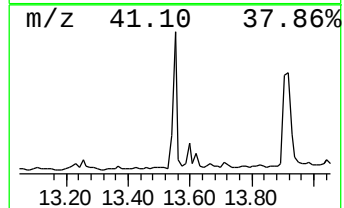
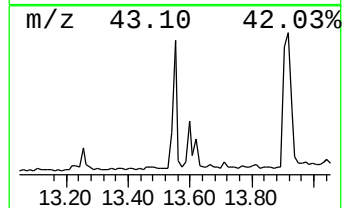
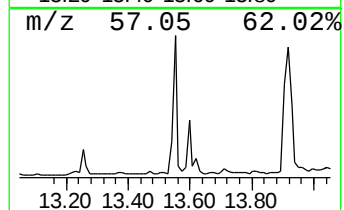
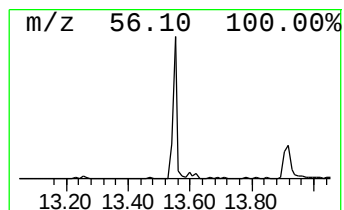
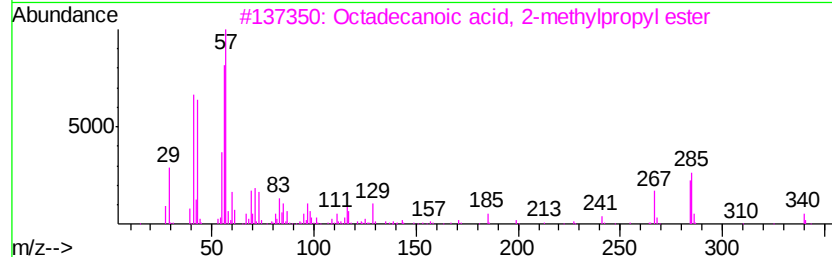
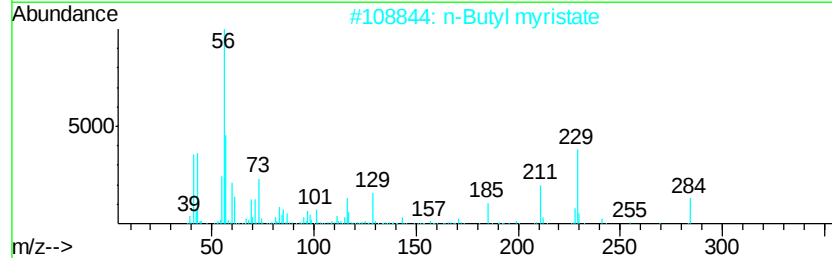
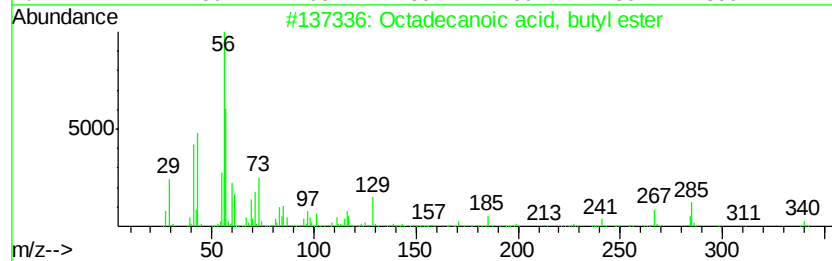
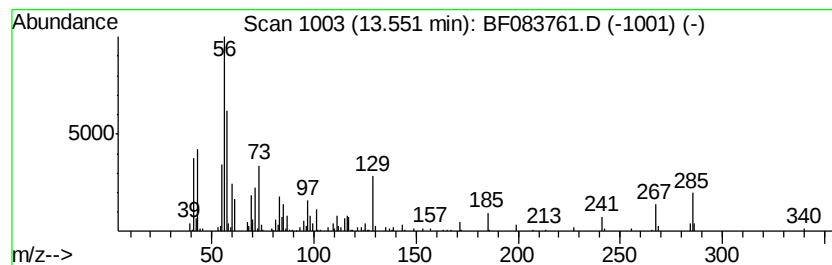
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	6.76 ng	231477	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	55
2		n-Butyl myristate	284	C18H36O2	000110-36-1	53
3		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	53
4		Nipecotic acid	129	C6H11NO2	000498-95-3	50
5		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
Data File : BF083761.D
Acq On : 14 Dec 2015 6:29
Operator : UM/IZ
Sample : G4648-05
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03(0-0.16)

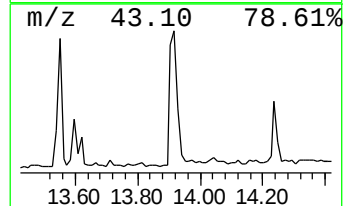
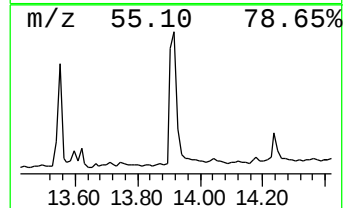
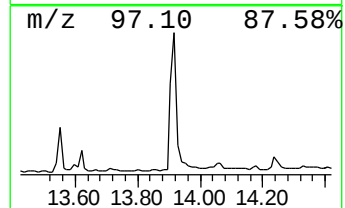
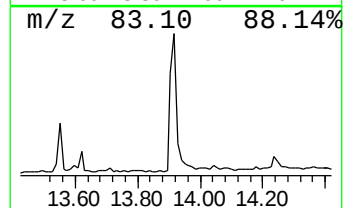
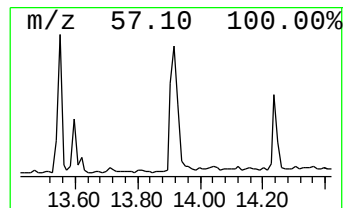
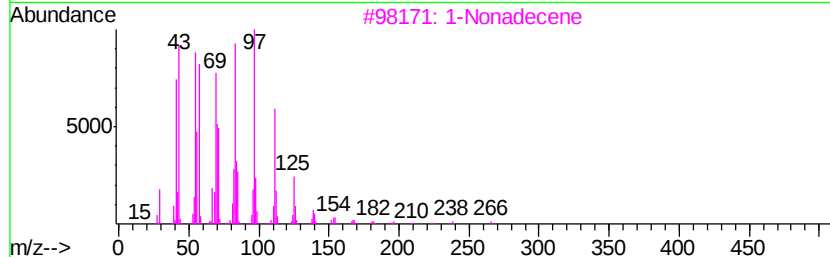
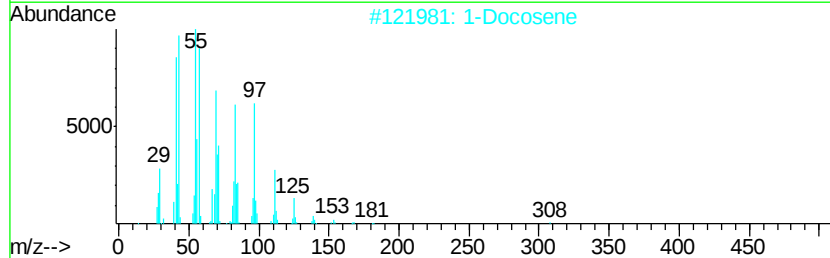
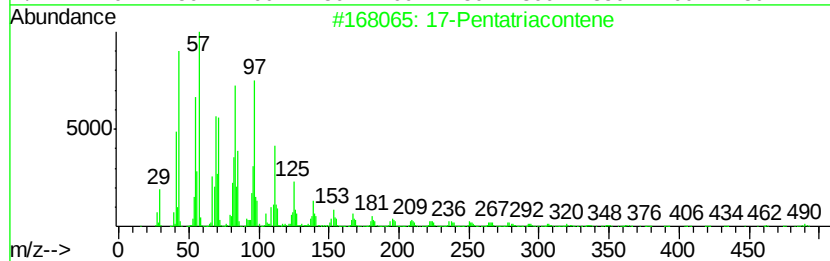
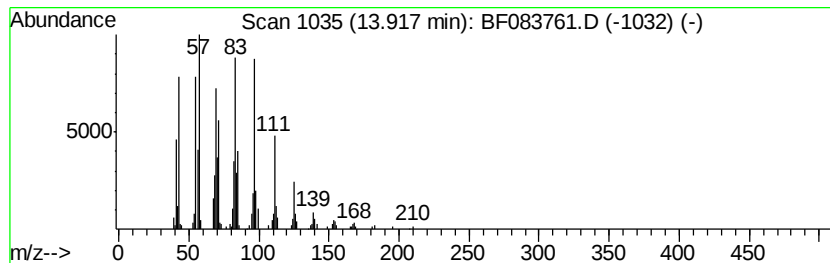
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	10.86 ng	371725	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	91
2		1-Docosene	308	C22H44	001599-67-3	91
3		1-Nonadecene	266	C19H38	018435-45-5	90
4		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	86
5		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
Data File : BF083761.D
Acq On : 14 Dec 2015 6:29
Operator : UM/IZ
Sample : G4648-05
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03(0-0.16)

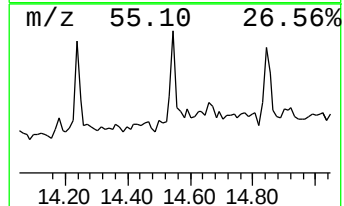
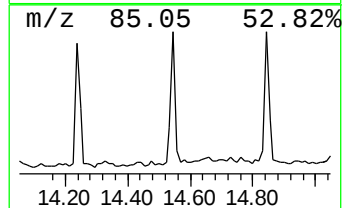
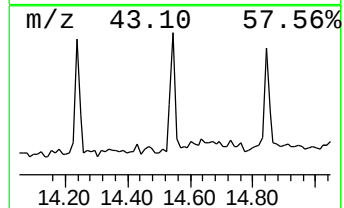
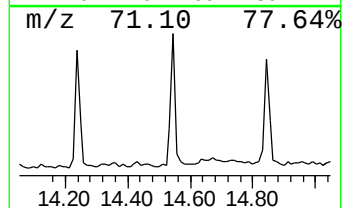
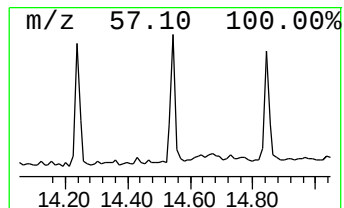
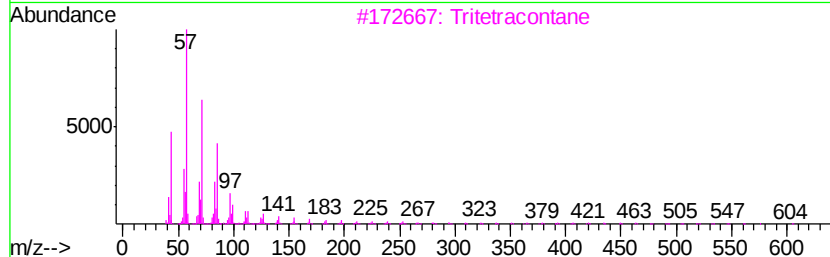
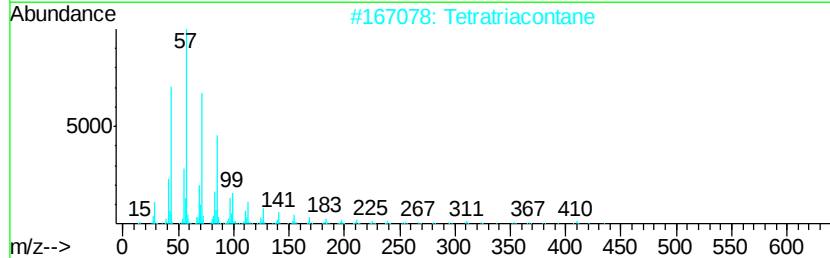
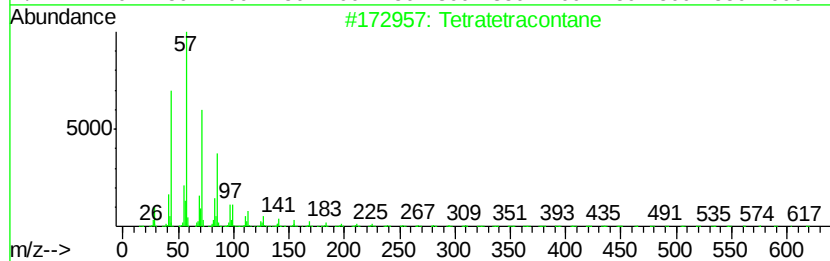
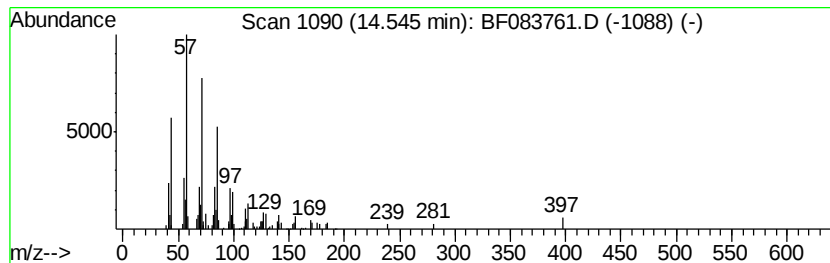
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.65 ng	90815	Chrysene-d12	14.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	91
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Tritetracontane	605	C43H88	007098-21-7	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
Data File : BF083761.D
Acq On : 14 Dec 2015 6:29
Operator : UM/IZ
Sample : G4648-05
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-03(0-0.16)

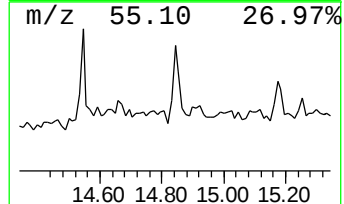
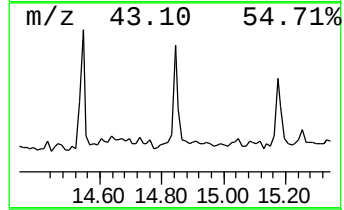
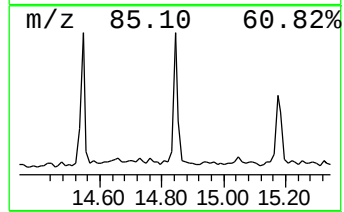
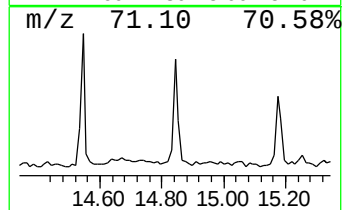
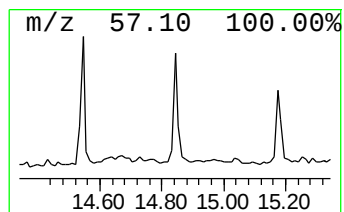
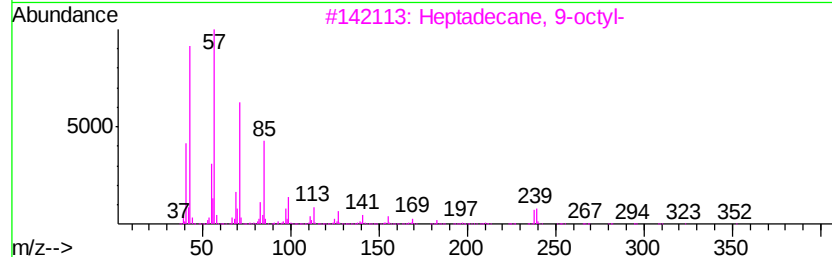
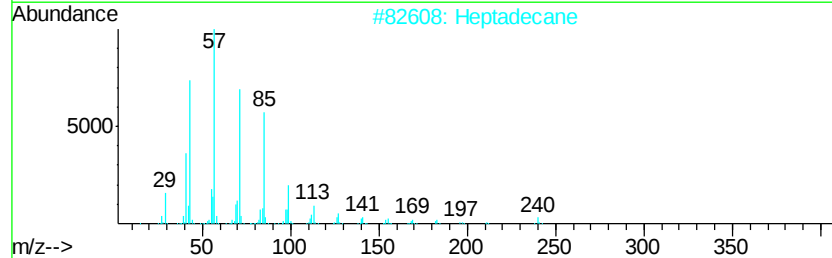
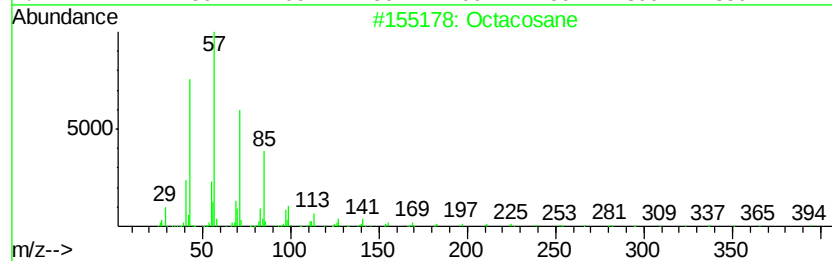
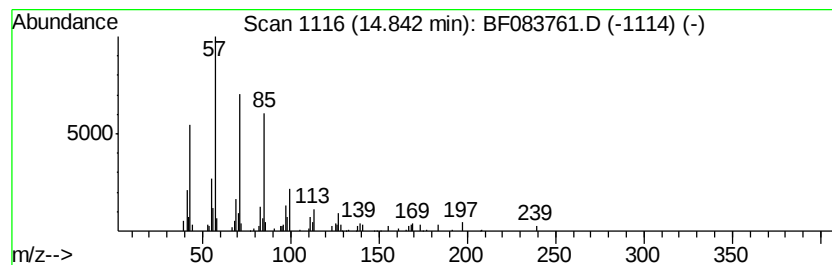
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.53 ng	68265	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptadecane	240	C17H36	000629-78-7	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
4		triacontane	422	C30H62	000638-68-6	86
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
Data File : BF083761.D
Acq On : 14 Dec 2015 6:29
Operator : UM/IZ
Sample : G4648-05
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03(0-0.16)

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
Butane, 2-bromo-2...	2.22	3.7	ng	117411	1	6.92	633017	20.0
2-Pentanone, 4-hy...	5.12	21.3	ng	675404	1	6.92	633017	20.0
unknown6.69	6.69	98.3	ng	3109580	1	6.92	633017	20.0
Eicosane	10.86	2.3	ng	77104	4	11.44	661021	20.0
Hexadecanoic acid...	12.84	8.0	ng	274638	5	14.07	684485	20.0
Octadecanoic acid...	13.55	6.8	ng	231477	5	14.07	684485	20.0
17-Pentatriacontene	13.92	10.9	ng	371725	5	14.07	684485	20.0
Tetratetracontane	14.55	2.6	ng	90815	5	14.07	684485	20.0
Octacosane	14.84	2.5	ng	68265	6	15.51	539551	20.0