

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
 Data File : BF083563.D
 Acq On : 7 Dec 2015 18:29
 Operator : UM/IZ
 Sample : G4569-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-002

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-BF120415.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	2.967	110	112	119	rBV	306485	422783	8.42%	0.972%
2	3.367	145	147	160	rBV	185925	314627	6.27%	0.723%
3	3.561	162	164	182	rVB	577761	1164503	23.20%	2.677%
4	3.996	200	202	226	rBV	3291353	4626009	92.16%	10.633%
5	5.287	312	315	324	rBV	3504205	5019376	100.00%	11.537%
6	5.413	324	326	329	rBV	3561780	4573290	91.11%	10.512%
7	5.721	350	353	363	rBV	684374	862875	17.19%	1.983%
8	5.939	369	372	389	rBV	2730141	3450865	68.75%	7.932%
9	6.544	422	425	428	rBV	1826325	2946952	58.71%	6.774%
10	7.619	517	519	529	rBV	775873	1168964	23.29%	2.687%
11	9.367	668	672	675	rBV	3740685	4967400	98.96%	11.418%
12	10.053	729	732	738	rBV	385266	491068	9.78%	1.129%
13	10.408	761	763	770	rBV	932844	1394677	27.79%	3.206%
14	11.253	834	837	840	rBV	77864	97987	1.95%	0.225%
15	11.608	864	868	873	rBV	23841	66730	1.33%	0.153%
16	11.699	873	876	884	rBV	2071901	2986453	59.50%	6.864%
17	12.031	902	905	910	rBV	72489	137143	2.73%	0.315%
18	12.762	966	969	971	rBV	35557	54960	1.09%	0.126%
19	12.808	971	973	982	rVV	981402	1319865	26.30%	3.034%
20	13.859	1062	1065	1071	rBV	230578	372515	7.42%	0.856%
21	14.122	1086	1088	1094	rVB6	23879	52696	1.05%	0.121%
22	14.431	1114	1115	1127	rVB8	23257	70331	1.40%	0.162%
23	14.888	1152	1155	1157	rVB	37625	52179	1.04%	0.120%
24	15.140	1174	1177	1181	rBV	36141	75563	1.51%	0.174%
25	15.437	1200	1203	1206	rBV	2557054	3988940	79.47%	9.169%
26	16.934	1332	1334	1339	rBV	243358	417902	8.33%	0.961%
27	17.014	1339	1341	1348	rVV	712815	1005677	20.04%	2.312%
28	17.757	1404	1406	1409	rBV	65696	76521	1.52%	0.176%
29	18.431	1462	1465	1468	rBV	88745	130803	2.61%	0.301%
30	18.648	1482	1484	1491	rBV	523382	834622	16.63%	1.918%
31	18.751	1491	1493	1496	rVB3	29219	50668	1.01%	0.116%
32	19.106	1521	1524	1525	rBV	54310	86115	1.72%	0.198%
33	19.140	1525	1527	1530	rVV	49939	90163	1.80%	0.207%
34	19.197	1530	1532	1538	rVB7	35210	73906	1.47%	0.170%

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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-BF120415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.129	1697	1701	1707	rVB7	17544	61490	1.23%	0.141%
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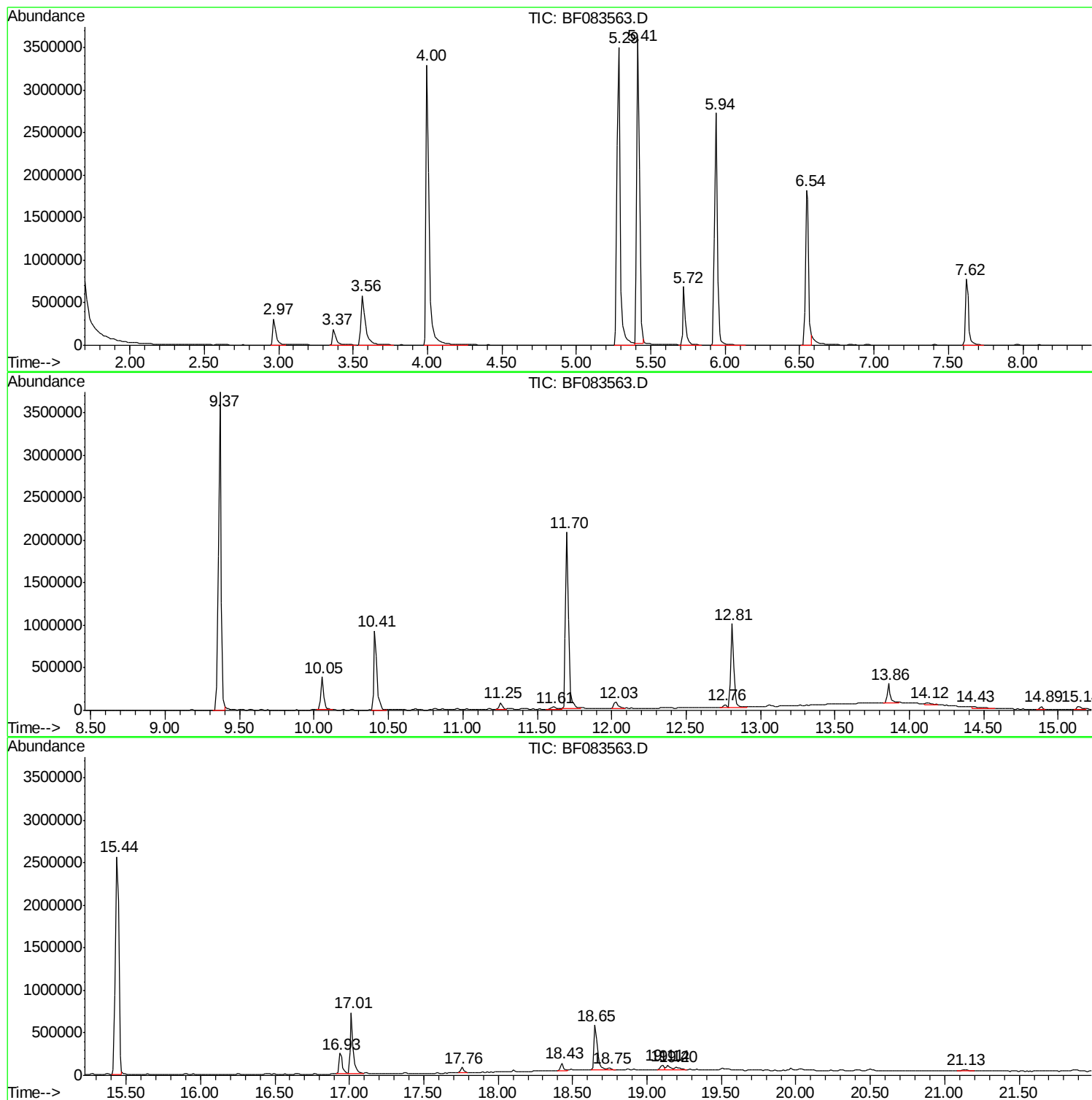
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
BNA_F
ClientSampled :
IM-CLAY-002

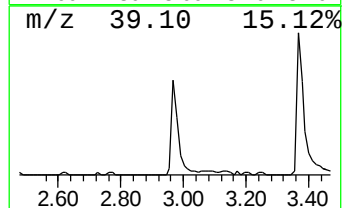
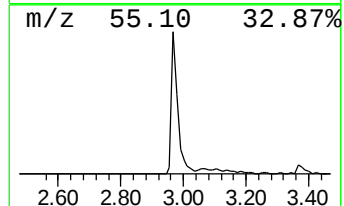
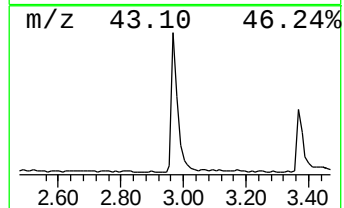
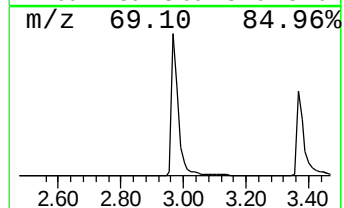
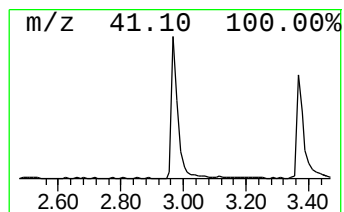
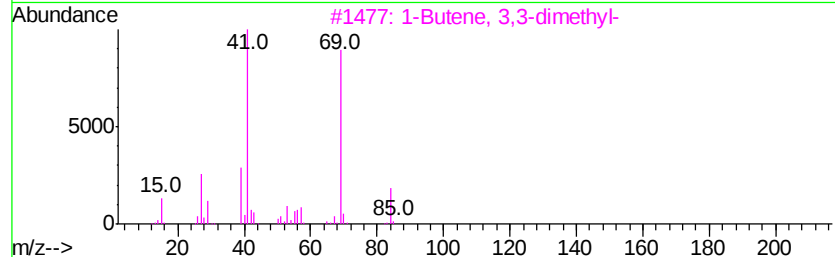
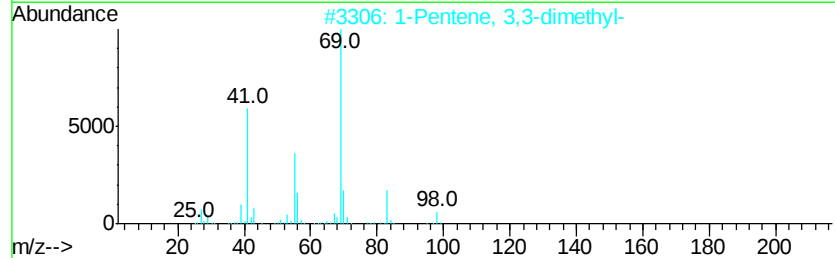
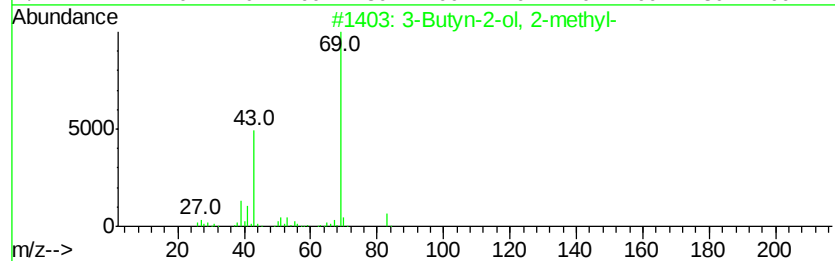
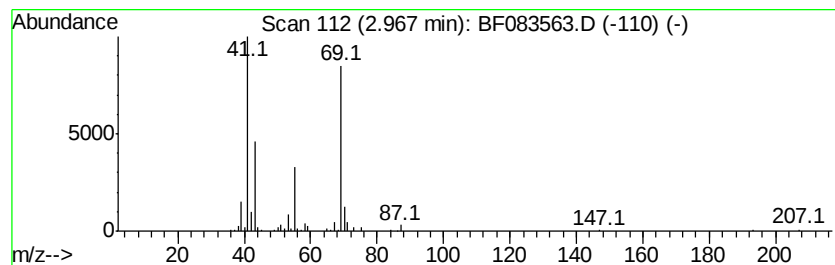
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.97 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	9.80 ng	422783	1,4-Dichlorobenzene-d4	5.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	47
2			1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	45
3			1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	40
4			2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	39
5			1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	39



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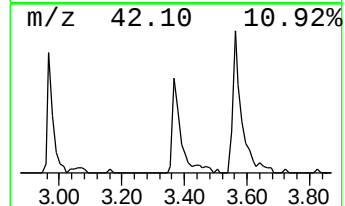
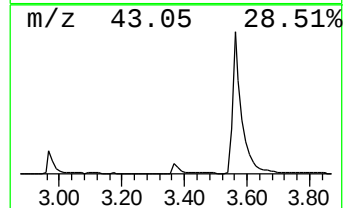
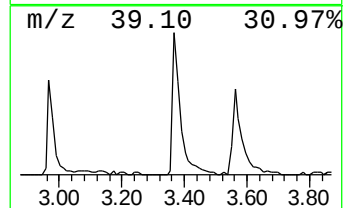
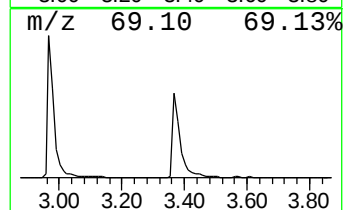
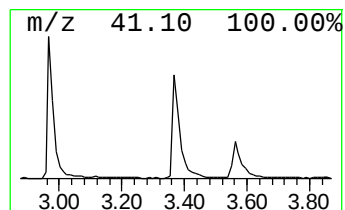
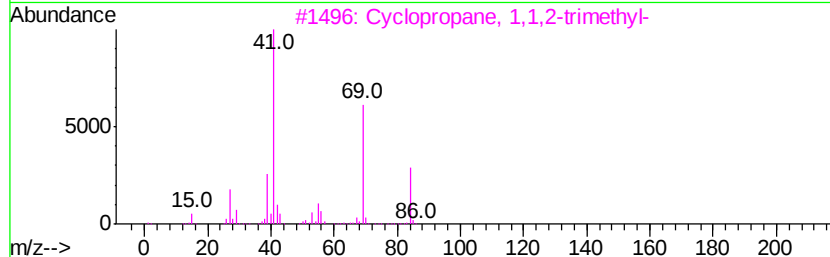
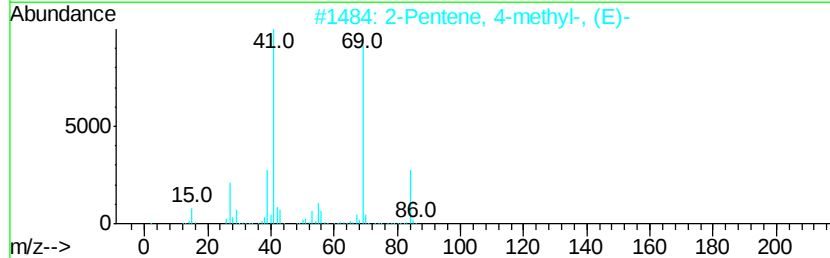
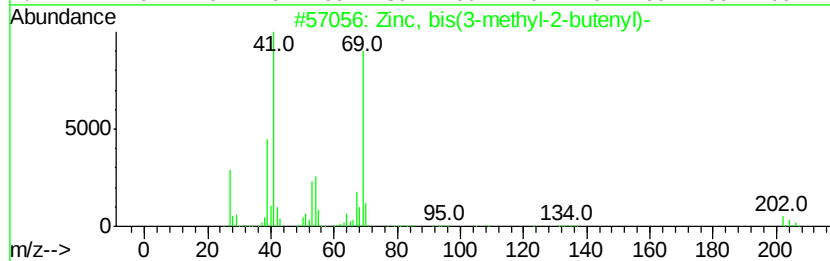
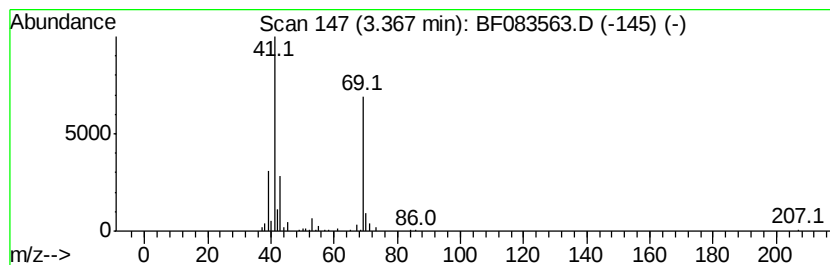
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown3.37 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	7.29 ng	314627	1,4-Dichlorobenzene-d4	5.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Zinc, bis(3-methyl-2-butenyl)-	202	C10H18Zn	066094-28-8	40
2		2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	39
3		Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	39
4		2-Pentene, 4-methyl-	84	C6H12	004461-48-7	39
5		1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	39



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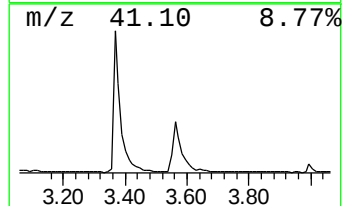
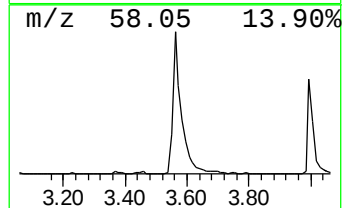
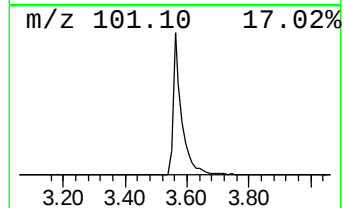
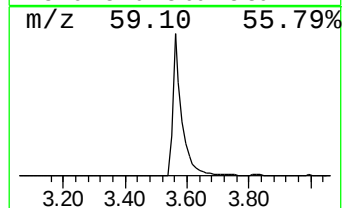
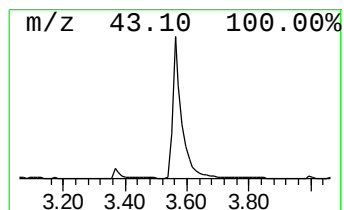
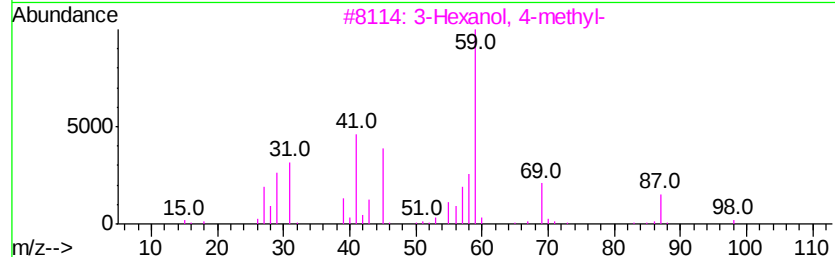
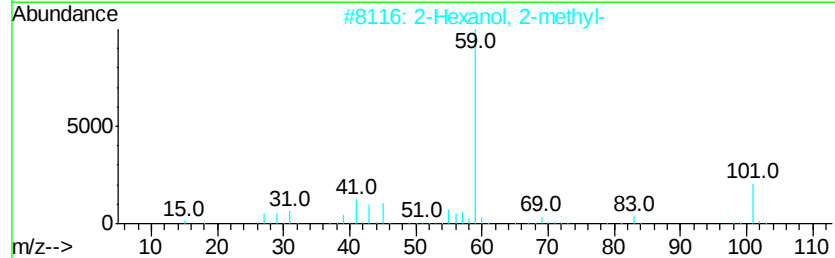
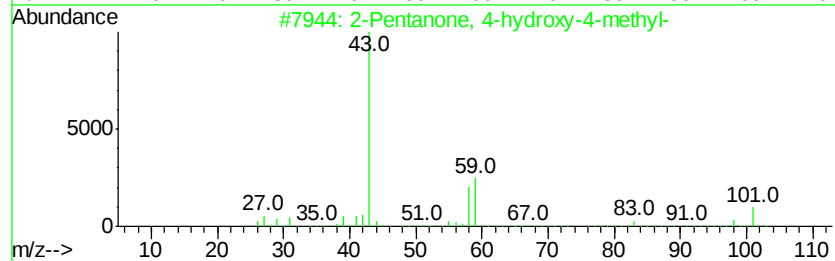
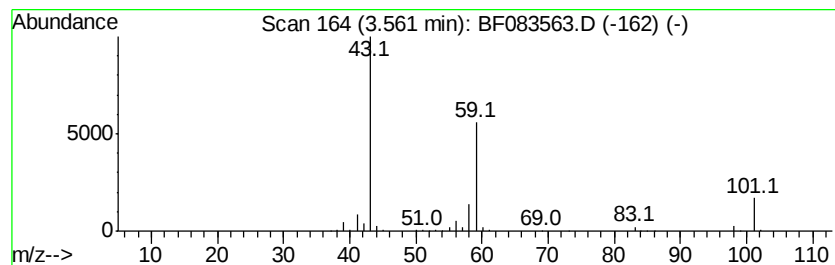
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	26.99 ng	1164500	1,4-Dichlorobenzene-d4	5.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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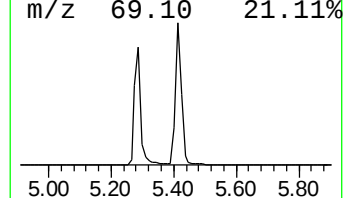
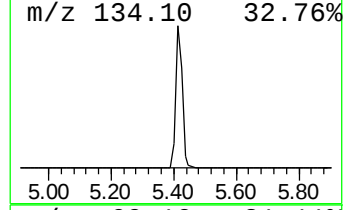
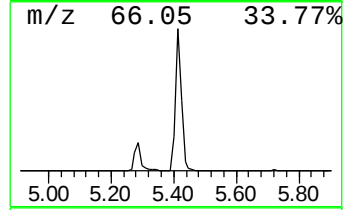
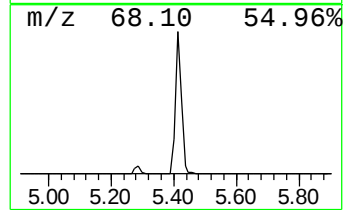
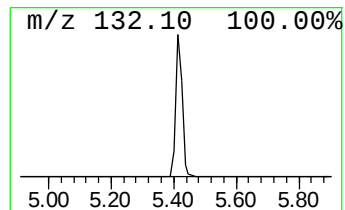
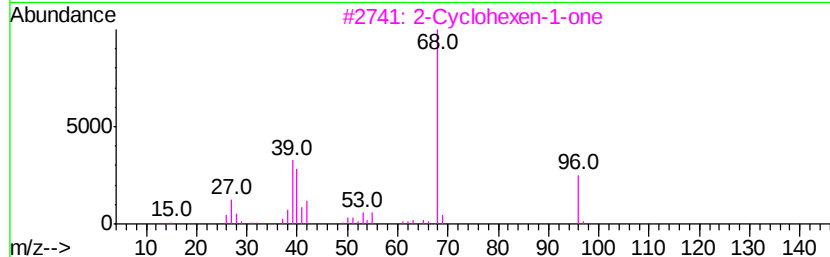
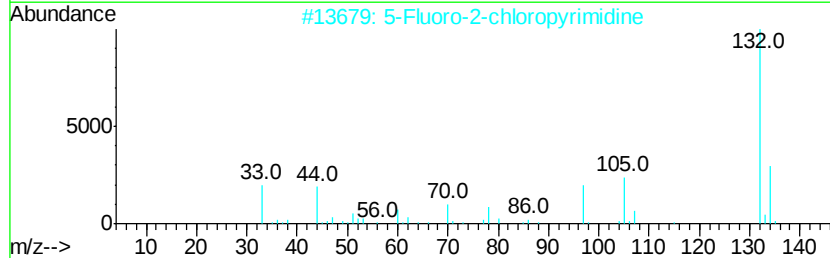
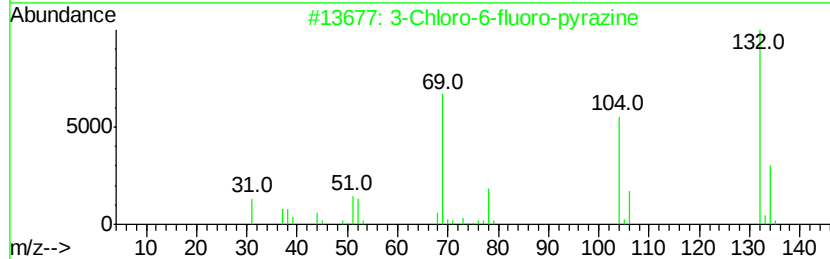
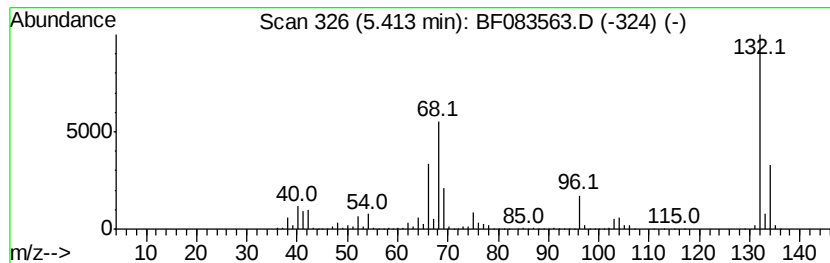
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown5.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.41	106.00 ng	4573290	1,4-Dichlorobenzene-d4	5.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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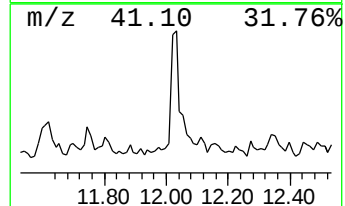
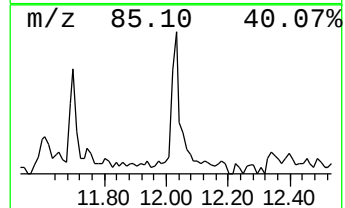
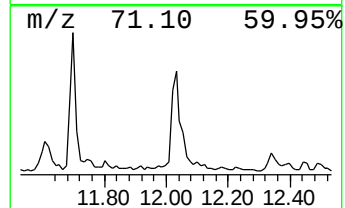
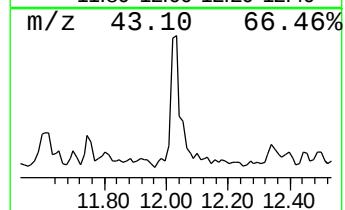
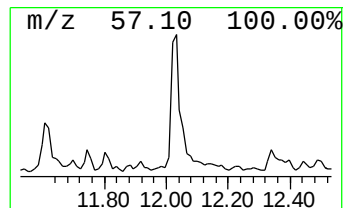
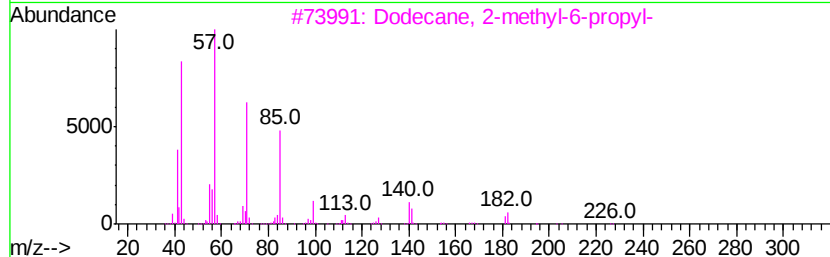
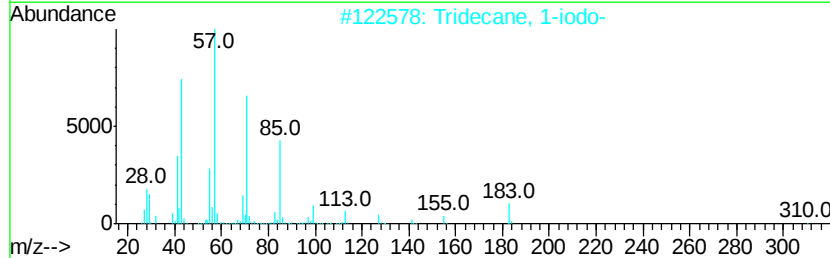
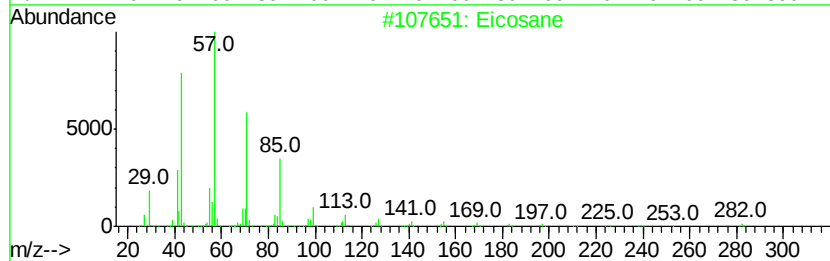
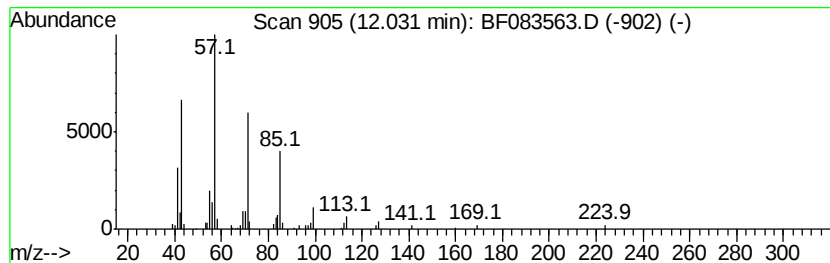
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.08 ng	137143	Phenanthrene-d10	12.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	90
2	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
4	Tetracosane		338	C24H50	000646-31-1	90
5	Heptacosane		380	C27H56	000593-49-7	86



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Misc :
ALS Vial : 21 Sample Multiplier: 1

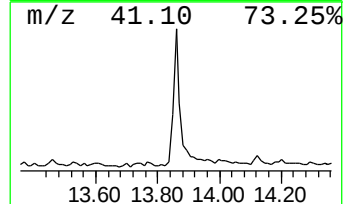
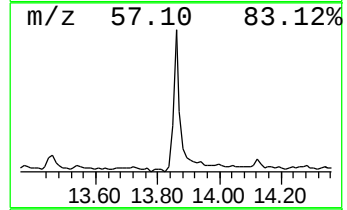
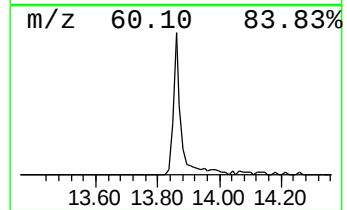
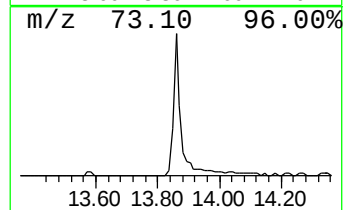
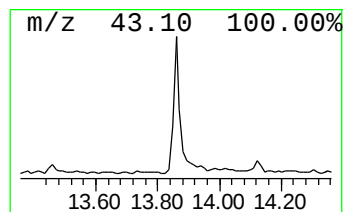
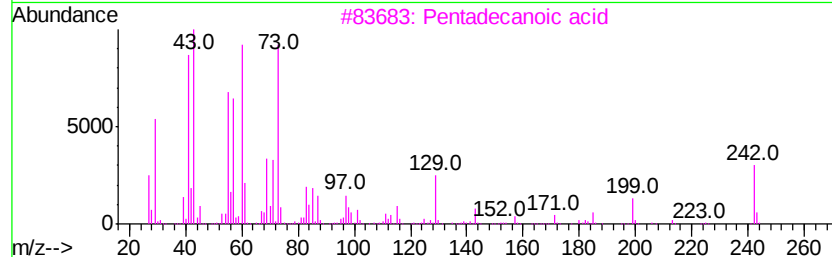
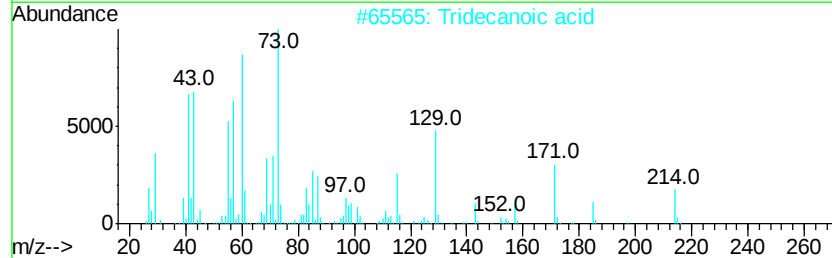
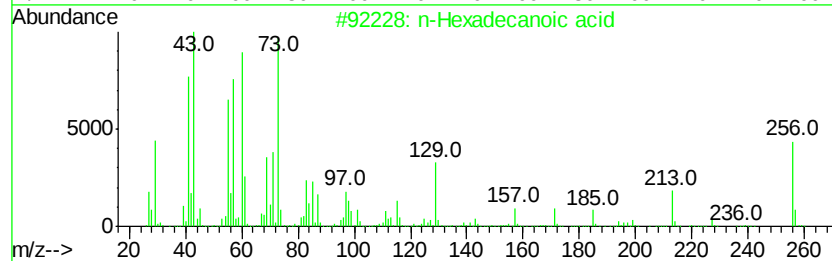
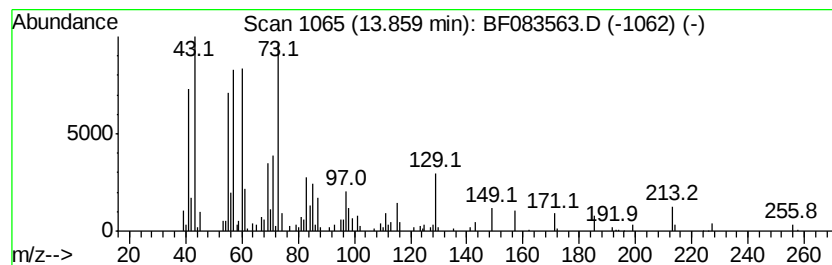
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BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.86	5.64 ng	372515	Phenanthrene-d10	12.81		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	11
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083563.D
Acq On : 7 Dec 2015 18:29
Operator : UM/IZ
Sample : G4569-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

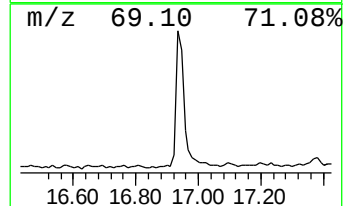
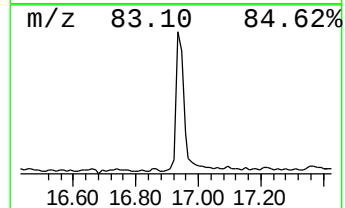
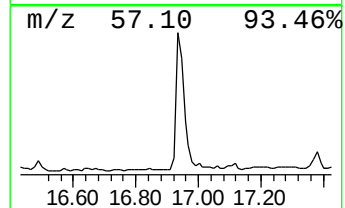
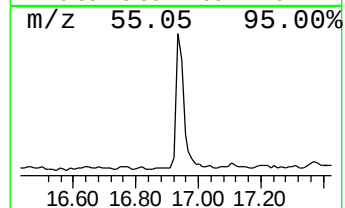
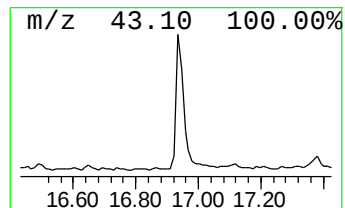
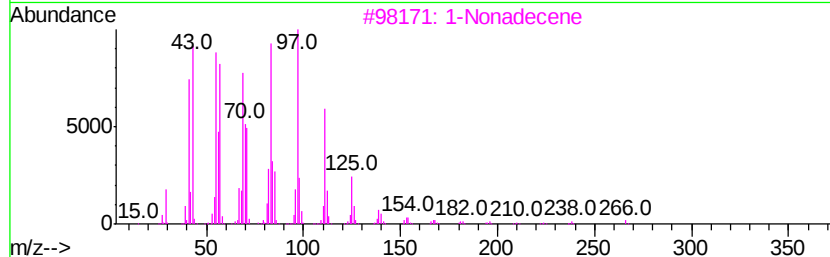
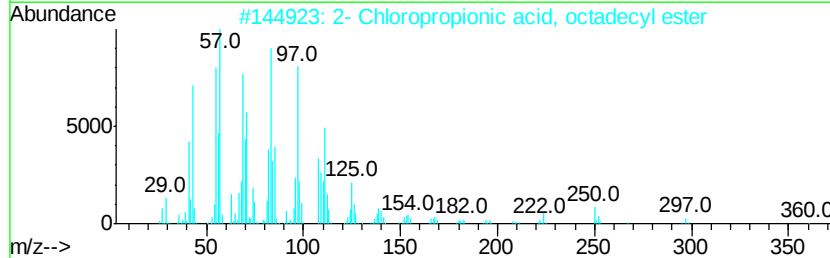
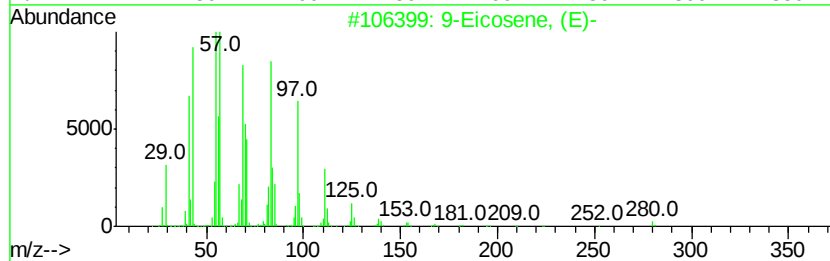
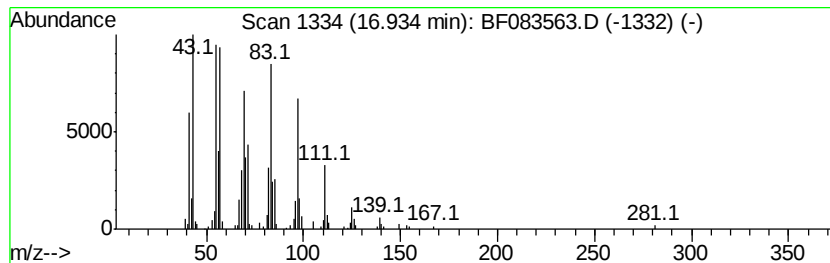
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.93	8.31 ng	417902	Chrysene-d12	17.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083563.D
Acq On : 7 Dec 2015 18:29
Operator : UM/IZ
Sample : G4569-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-002

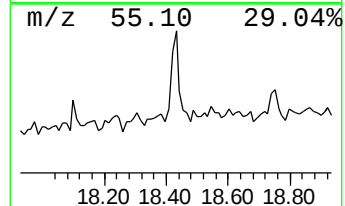
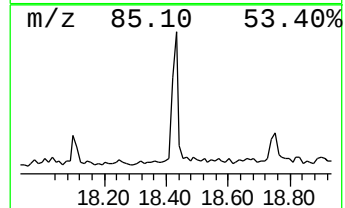
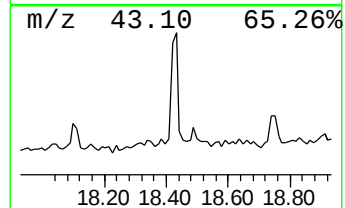
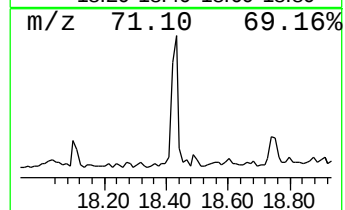
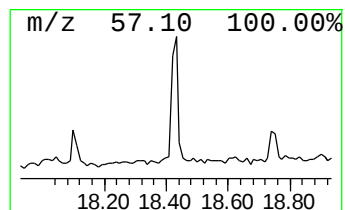
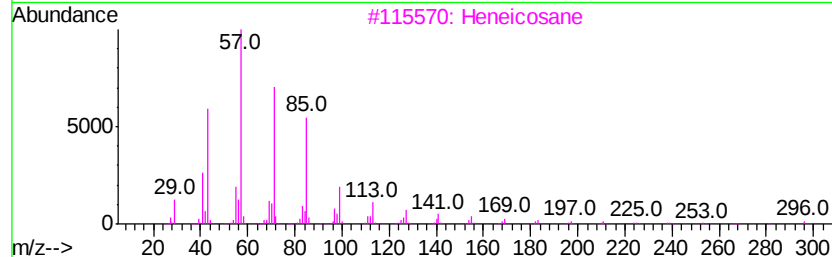
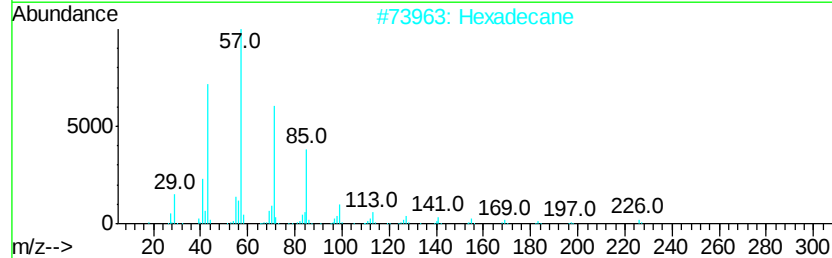
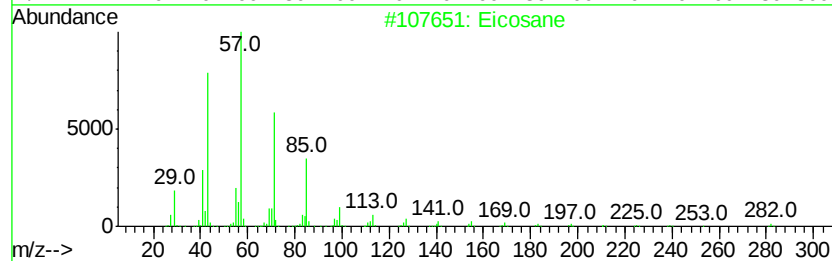
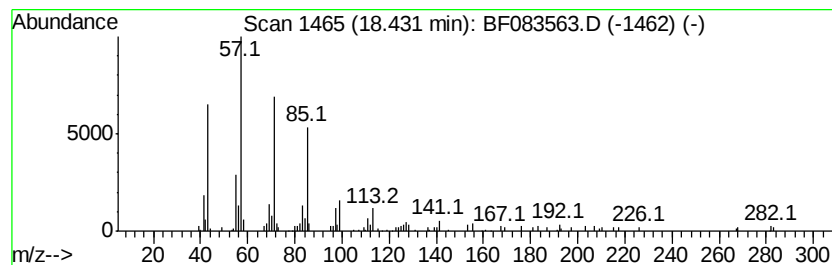
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.13 ng	130803	Perylene-d12	18.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	92
2		Hexadecane	226	C16H34	000544-76-3	91
3		Heneicosane	296	C21H44	000629-94-7	87
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5		Nonacosane	408	C29H60	000630-03-5	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083563.D
Acq On : 7 Dec 2015 18:29
Operator : UM/IZ
Sample : G4569-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-002

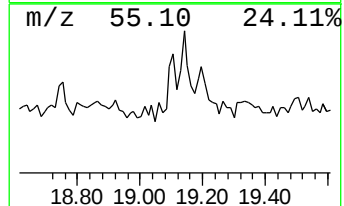
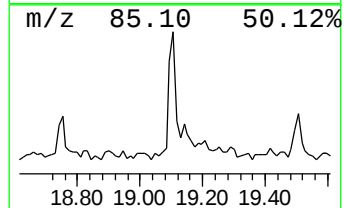
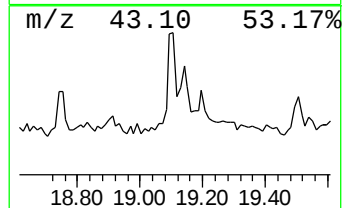
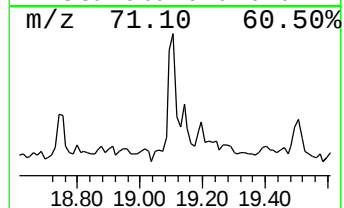
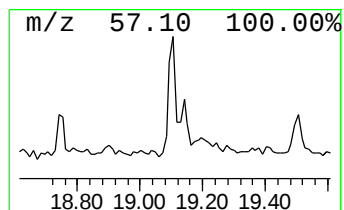
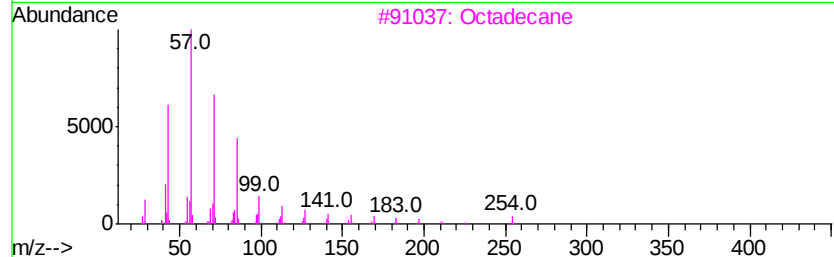
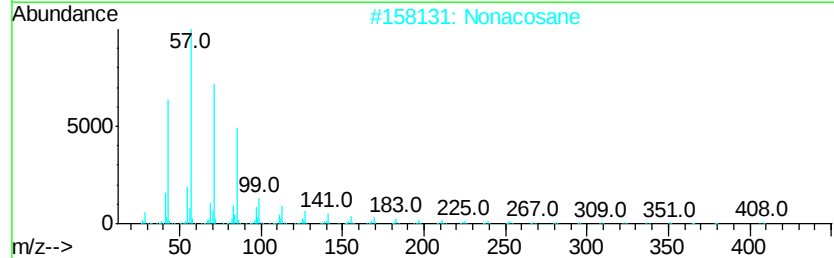
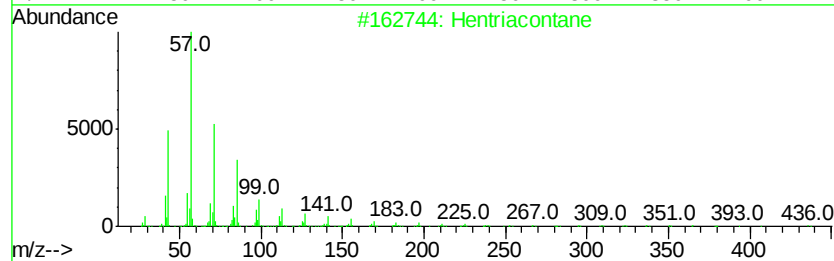
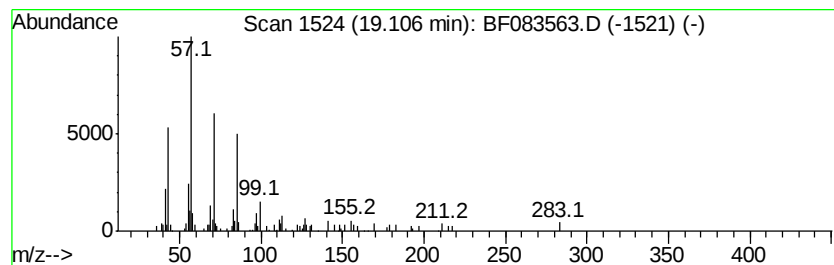
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hentriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	2.06 ng	86115	Perylene-d12	18.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	87
2			Nonacosane	408	C29H60	000630-03-5	87
3			Octadecane	254	C18H38	000593-45-3	86
4			Heptadecane	240	C17H36	000629-78-7	80
5			Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083563.D
Acq On : 7 Dec 2015 18:29
Operator : UM/IZ
Sample : G4569-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
IM-CLAY-002

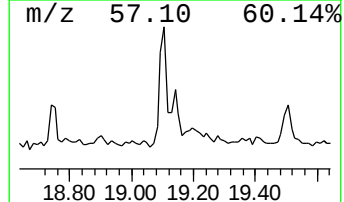
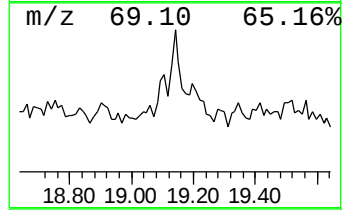
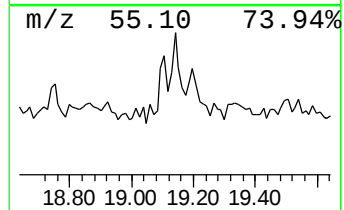
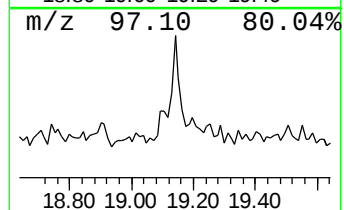
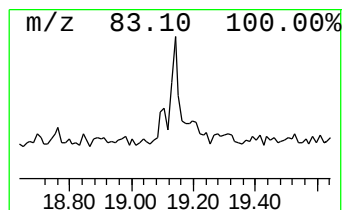
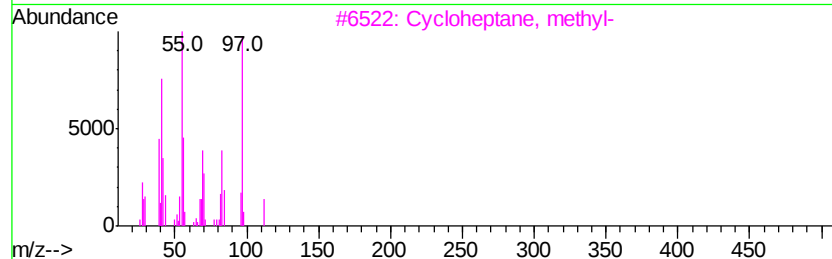
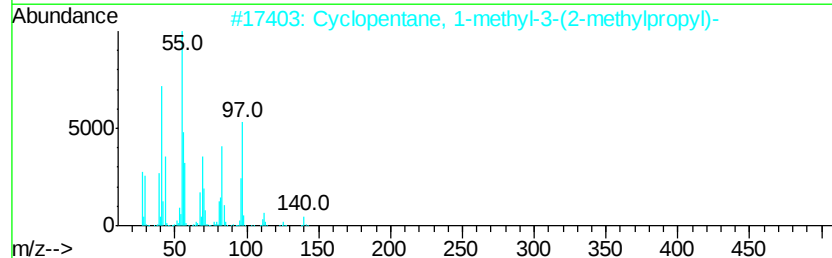
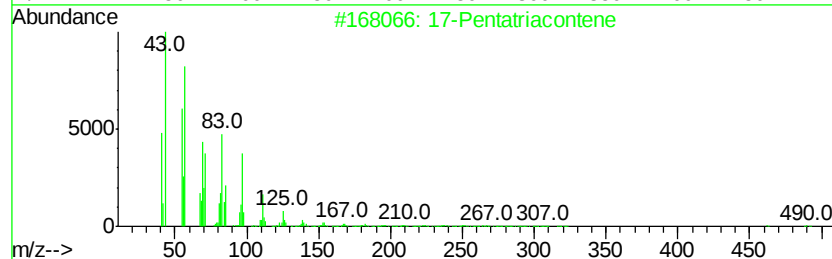
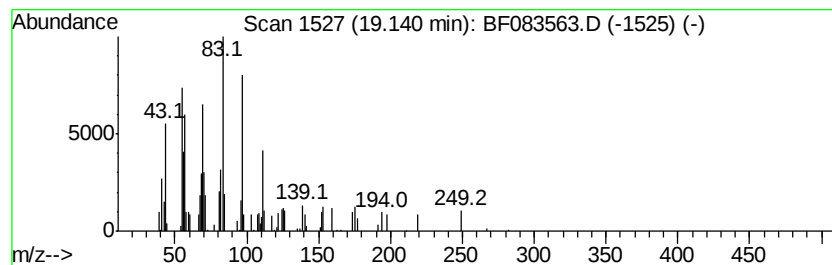
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 17-Pentatriacontene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.16 ng	90163	Perylene-d12	18.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	58
2		Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	45
3		Cycloheptane, methyl-	112	C8H16	004126-78-7	38
4		2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	30
5		Cyclohexadecane	224	C16H32	000295-65-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083563.D
Acq On : 7 Dec 2015 18:29
Operator : UM/IZ
Sample : G4569-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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
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unknown3.37	3.37	7.3	ng	314627	1	5.72	862875	20.0
2-Pentanone, 4-hy...	3.56	27.0	ng	1164500	1	5.72	862875	20.0
unknown5.41	5.41	106.0	ng	4573290	1	5.72	862875	20.0
Eicosane	12.03	2.1	ng	137143	4	12.81	1319870	20.0
n-Hexadecanoic acid	13.86	5.6	ng	372515	4	12.81	1319870	20.0
9-Eicosene, (E)-	16.93	8.3	ng	417902	5	17.01	1005680	20.0
Hexadecane	18.43	3.1	ng	130803	6	18.65	834622	20.0
Hentriacontane	19.11	2.1	ng	86115	6	18.65	834622	20.0
17-Pentatriacontene	19.14	2.2	ng	90163	6	18.65	834622	20.0