

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083480.D
 Acq On : 4 Dec 2015 1:24
 Operator : UM/IZ
 Sample : G4617-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

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-BF113015.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	4.636	256	258	274	rVB	609227	1050173	23.16%	2.582%
2	5.116	298	300	320	rBV	3649568	4077674	89.93%	10.026%
3	6.202	392	395	402	rBV	3708116	4138337	91.27%	10.175%
4	6.304	402	404	406	rBV	4489146	4304643	94.94%	10.584%
5	6.522	421	423	426	rBV	698145	959220	21.15%	2.358%
6	6.682	435	437	440	rBV	2874620	2967579	65.45%	7.296%
7	7.105	471	474	476	rBV	2884639	2801079	61.78%	6.887%
8	7.813	534	536	539	rBV	1067853	1197866	26.42%	2.945%
9	8.773	618	620	624	rVB	66190	66433	1.47%	0.163%
10	8.899	628	631	633	rBV	4911443	4534301	100.00%	11.149%
11	9.299	664	666	671	rVB	496600	501358	11.06%	1.233%
12	9.516	683	685	687	rBV	195131	180923	3.99%	0.445%
13	9.562	687	689	691	rBV	1402540	1300705	28.69%	3.198%
14	9.745	703	705	707	rBV	29377	48485	1.07%	0.119%
15	9.836	712	713	715	rVB	59203	51001	1.12%	0.125%
16	10.019	725	729	730	rBV	227627	265097	5.85%	0.652%
17	10.236	745	748	749	rBV	97495	135950	3.00%	0.334%
18	10.351	756	758	760	rBV	2226200	2271979	50.11%	5.586%
19	10.488	769	770	774	rBV	238768	361783	7.98%	0.890%
20	10.591	777	779	781	rVB2	92214	95961	2.12%	0.236%
21	10.693	786	788	790	rBV	32499	56304	1.24%	0.138%
22	10.979	812	813	815	rBV	111787	123389	2.72%	0.303%
23	11.013	815	816	820	rVB	46564	57779	1.27%	0.142%
24	11.093	820	823	827	rBV	1133401	1166865	25.73%	2.869%
25	11.494	854	858	861	rVB2	47414	82334	1.82%	0.202%
26	11.676	870	874	878	rBV2	23018	56206	1.24%	0.138%
27	11.791	882	884	887	rBV	121717	170169	3.75%	0.418%
28	12.145	911	915	917	rVB	52269	85642	1.89%	0.211%
29	12.351	928	933	937	rBV	32207	67433	1.49%	0.166%
30	12.431	937	940	943	rBV	90605	124725	2.75%	0.307%
31	12.545	948	950	952	rVB	41194	47097	1.04%	0.116%
32	12.625	954	957	960	rVB	80142	113738	2.51%	0.280%
33	12.911	980	982	985	rBV2	73345	179870	3.97%	0.442%
34	13.185	1003	1006	1009	rVB	2699430	3506526	77.33%	8.622%

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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	13.425	1024	1027	1031	rBV2	44712	103239	2.28%	0.254%
36	13.608	1041	1043	1047	rVB2	32674	58223	1.28%	0.143%
37	13.905	1066	1069	1072	rBV	39242	71967	1.59%	0.177%
38	14.122	1085	1088	1091	rBV2	28281	58768	1.30%	0.144%
39	14.614	1129	1131	1136	rBV2	146786	330694	7.29%	0.813%
40	14.705	1136	1139	1142	rBV	727327	994912	21.94%	2.446%
41	15.140	1175	1177	1181	rVB	36004	68090	1.50%	0.167%
42	15.631	1216	1220	1222	rBV3	37001	85824	1.89%	0.211%
43	16.111	1259	1262	1264	rBV	41326	79202	1.75%	0.195%
44	16.260	1273	1275	1277	rBV	56462	104486	2.30%	0.257%
45	16.568	1300	1302	1305	rBV	46003	75240	1.66%	0.185%
46	16.774	1318	1320	1323	rBV	509838	662005	14.60%	1.628%
47	17.014	1339	1341	1344	rBV	54825	75332	1.66%	0.185%
48	17.448	1377	1379	1381	rBV	60185	98677	2.18%	0.243%
49	17.494	1381	1383	1387	rVB3	108276	193498	4.27%	0.476%
50	17.883	1414	1417	1426	rVB3	132537	302268	6.67%	0.743%
51	18.386	1458	1461	1463	rBV2	73775	160407	3.54%	0.394%

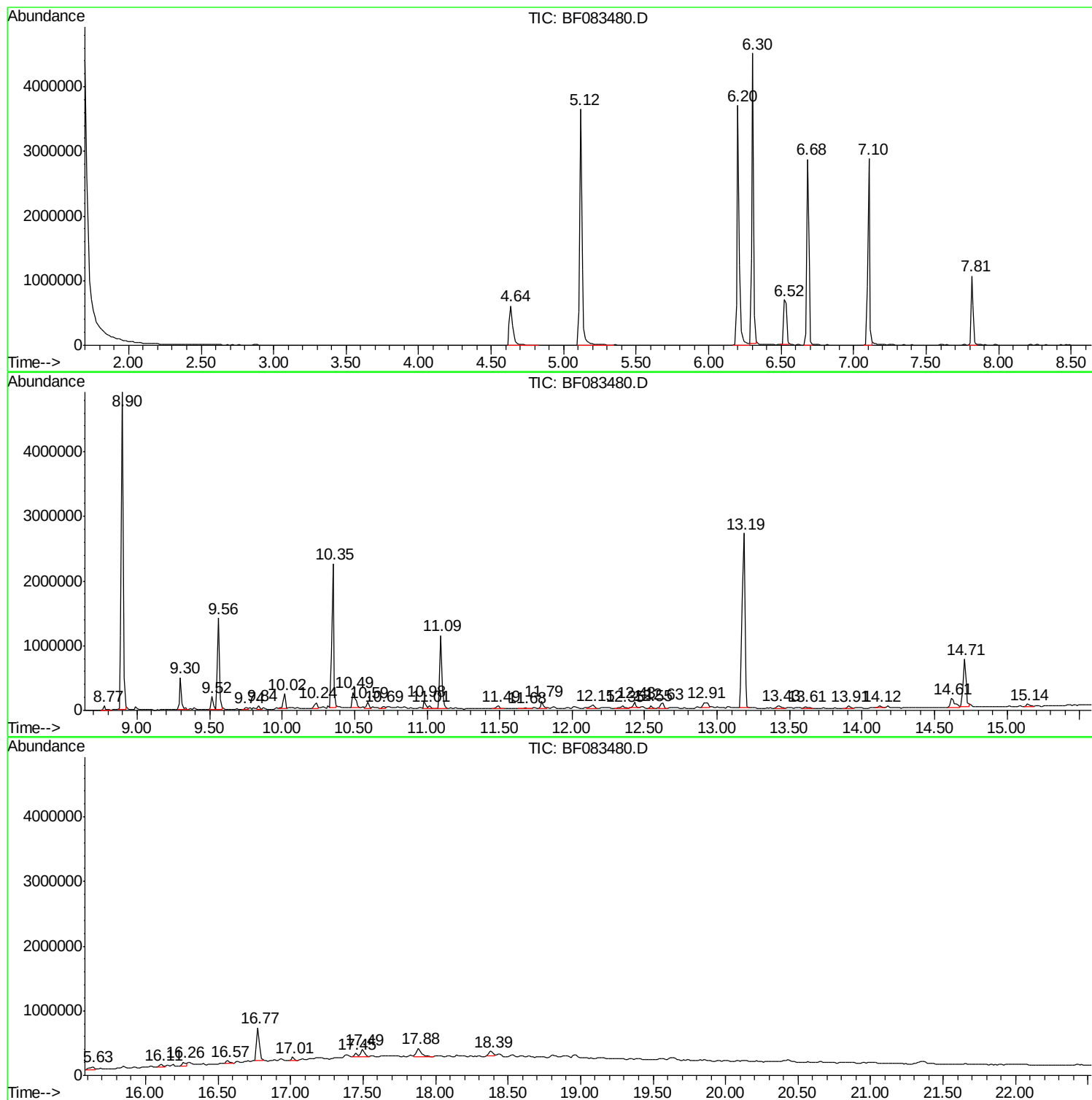
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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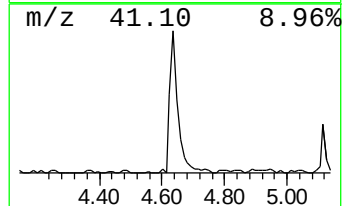
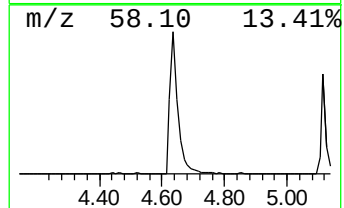
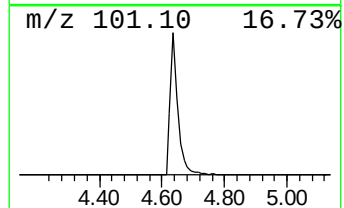
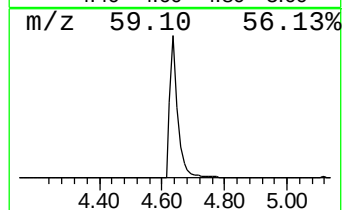
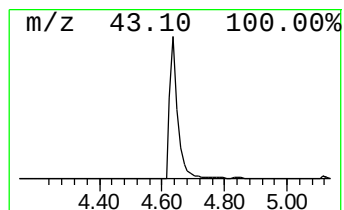
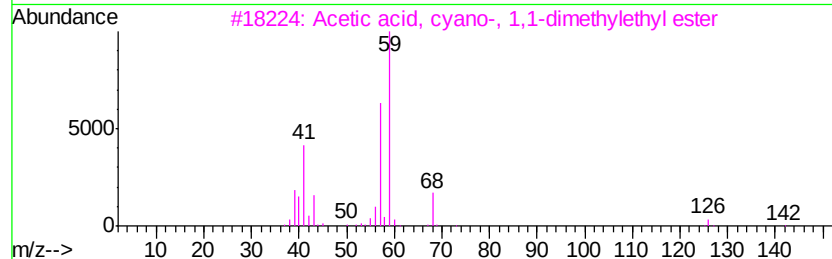
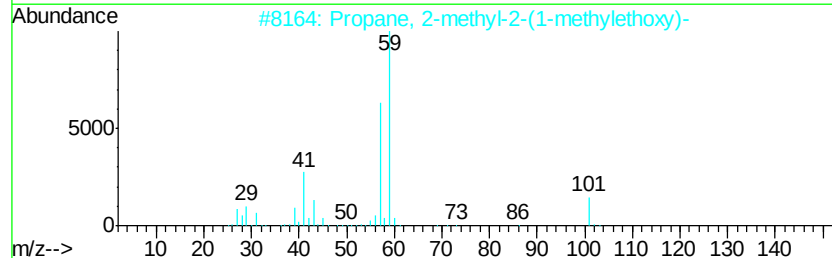
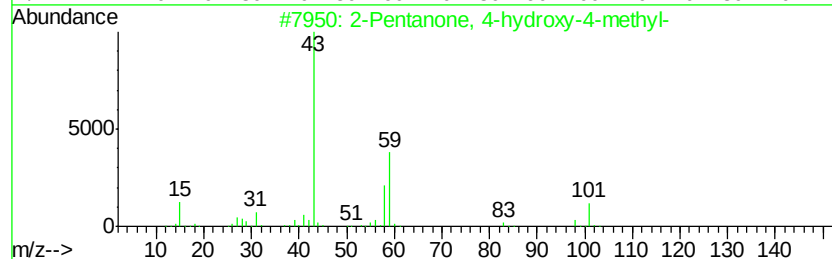
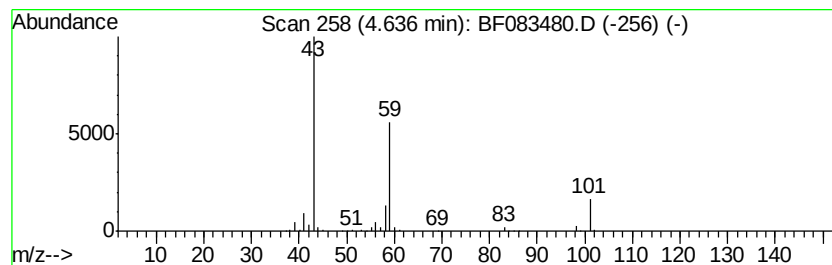
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	21.90 ng	1050170	1,4-Dichlorobenzene-d4	6.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36	
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25	
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9	
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9	



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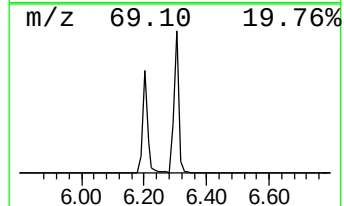
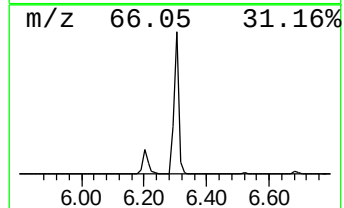
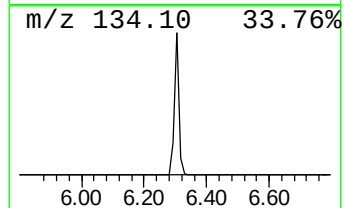
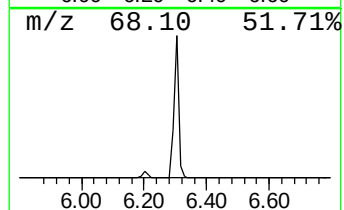
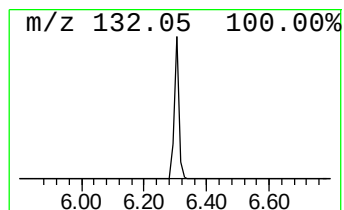
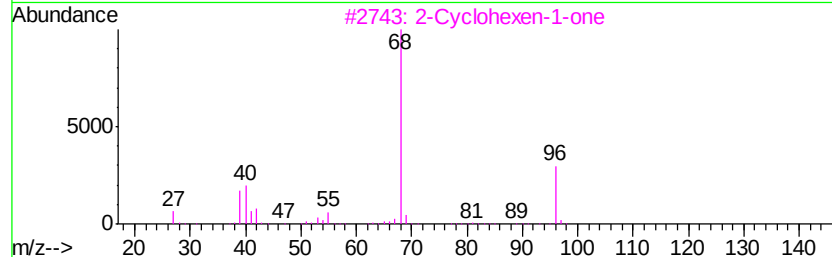
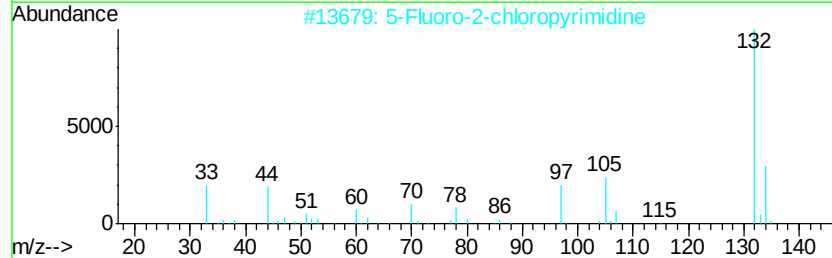
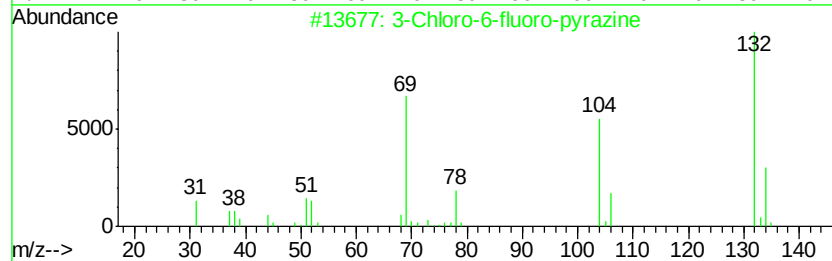
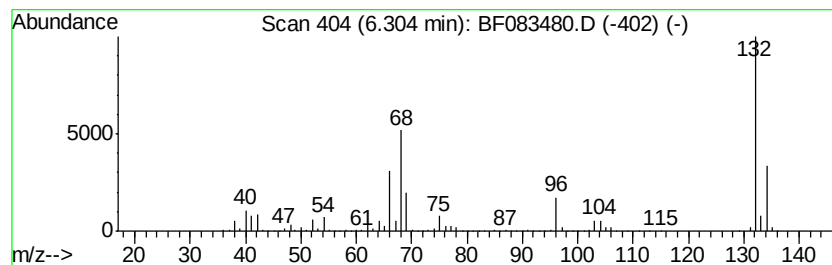
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Peak Number 2 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	89.75 ng	4304640	1,4-Dichlorobenzene-d4	6.53

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	10
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9



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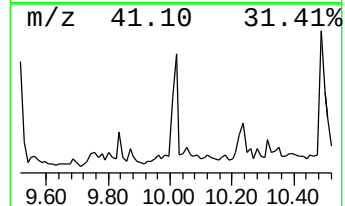
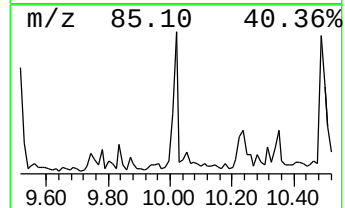
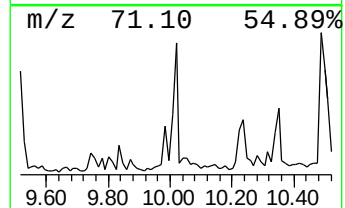
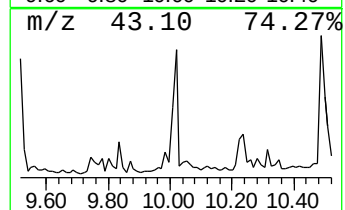
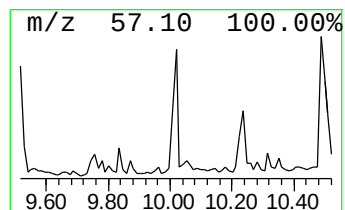
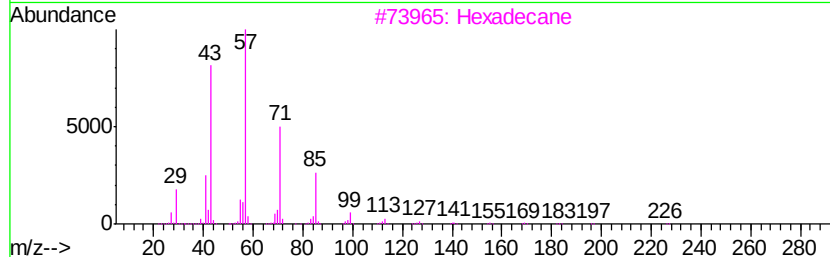
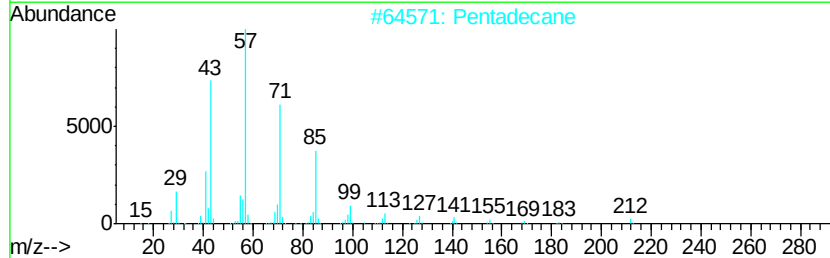
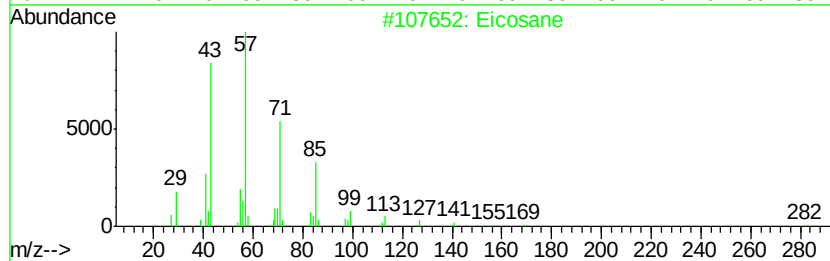
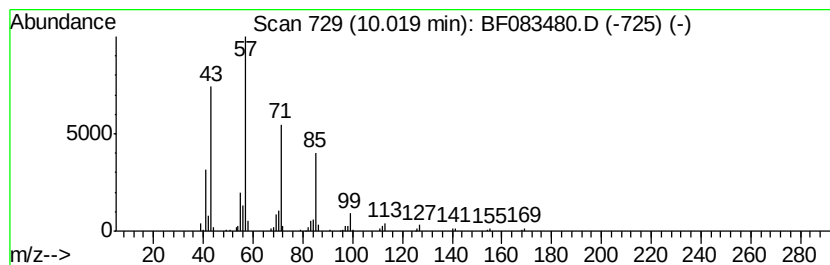
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	4.08 ng	265097	Acenaphthene-d10	9.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	91
2	Pentadecane	212 C15H32	000629-62-9	90
3	Hexadecane	226 C16H34	000544-76-3	80
4	Tridecane	184 C13H28	000629-50-5	80
5	Decane, 3-bromo-	220 C10H21Br	030571-71-2	64



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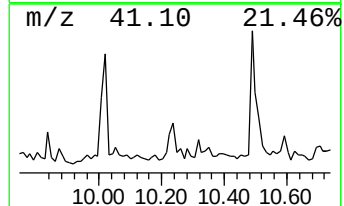
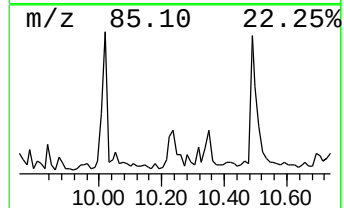
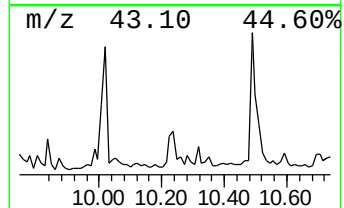
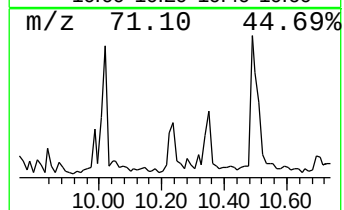
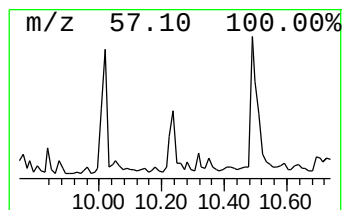
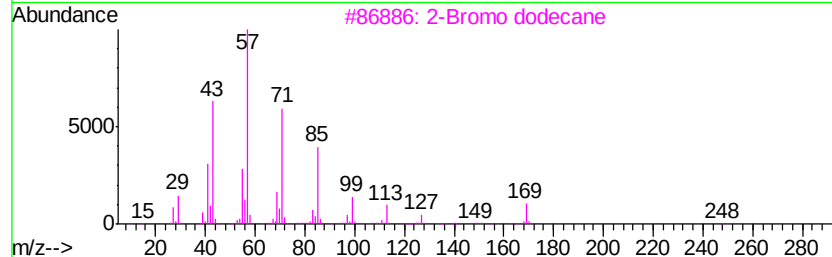
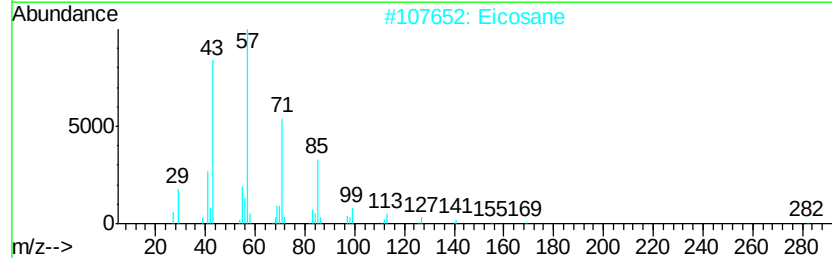
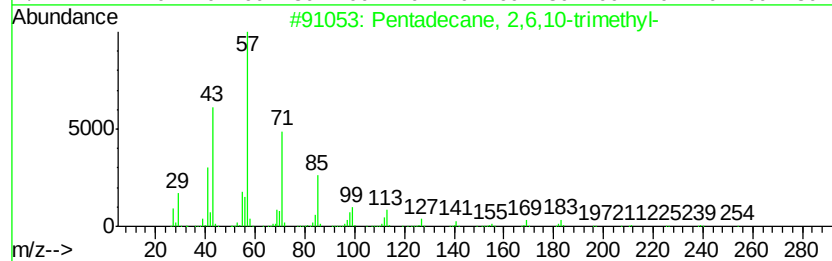
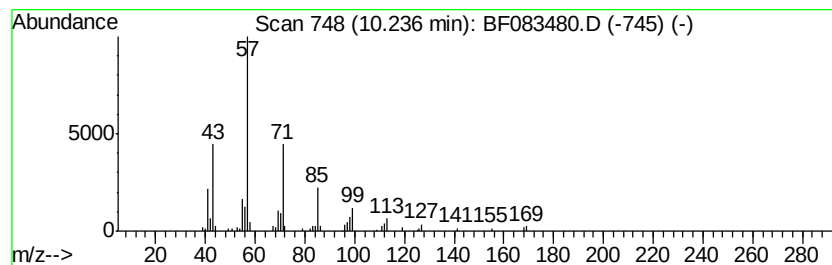
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	2.09 ng	135950	Acenaphthene-d10	9.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Eicosane	282	C20H42	000112-95-8	72
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4		Octacosane	394	C28H58	000630-02-4	72
5		Pentacosane	352	C25H52	000629-99-2	64



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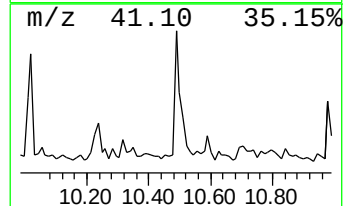
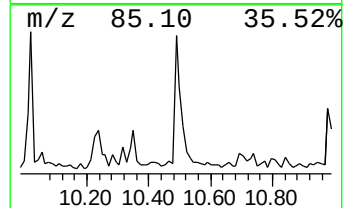
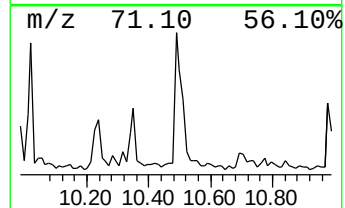
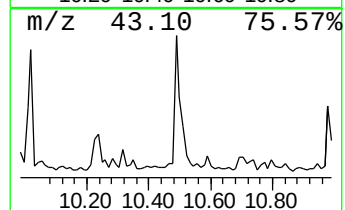
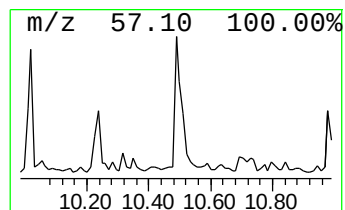
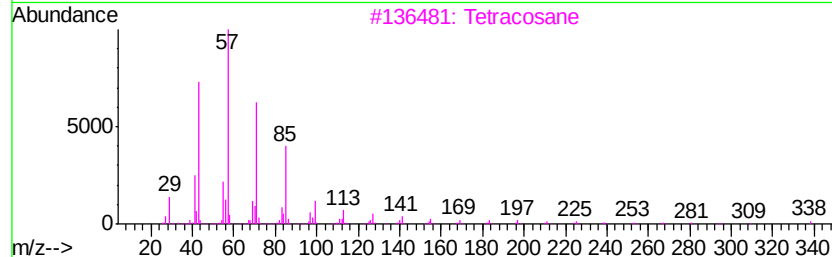
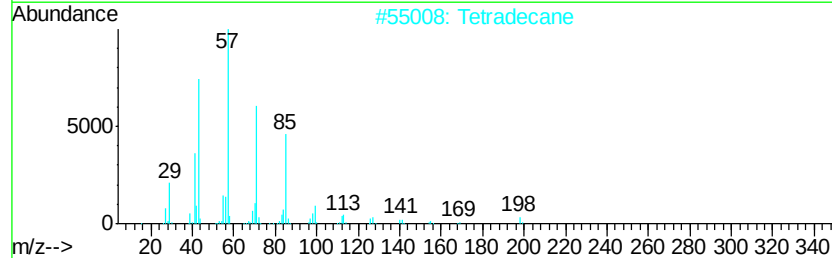
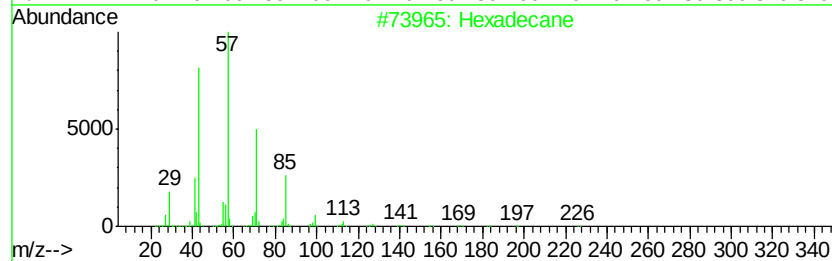
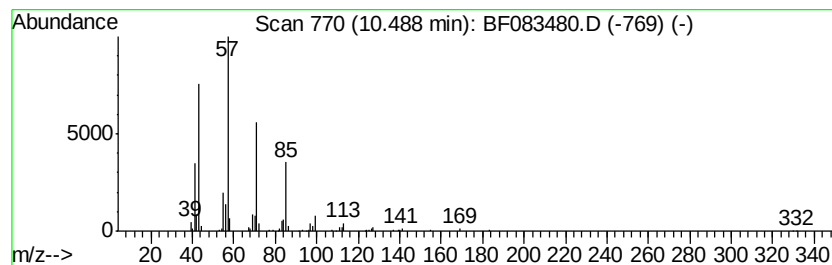
Instrument :
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SB-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.49	6.20 ng	361783	Phenanthrene-d10		11.09
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tetracosane	338	C24H50	000646-31-1	83
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083480.D
Acq On : 4 Dec 2015 1:24
Operator : UM/IZ
Sample : G4617-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

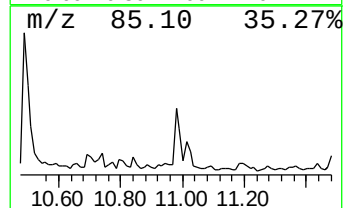
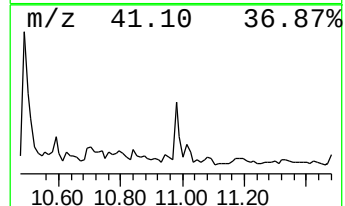
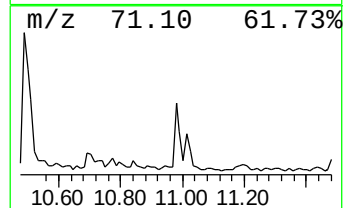
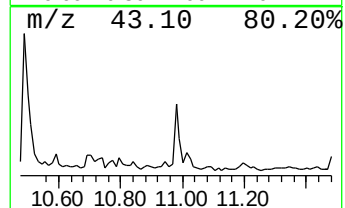
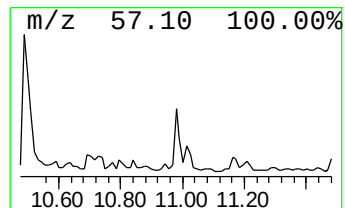
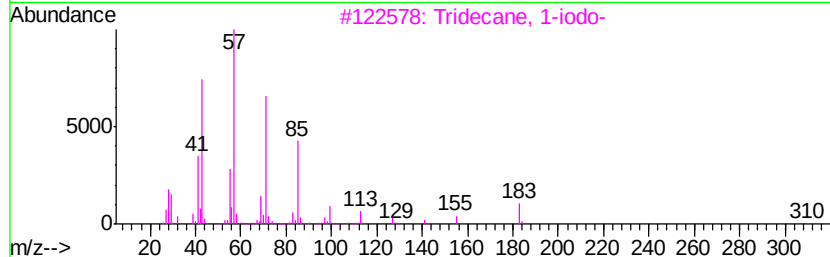
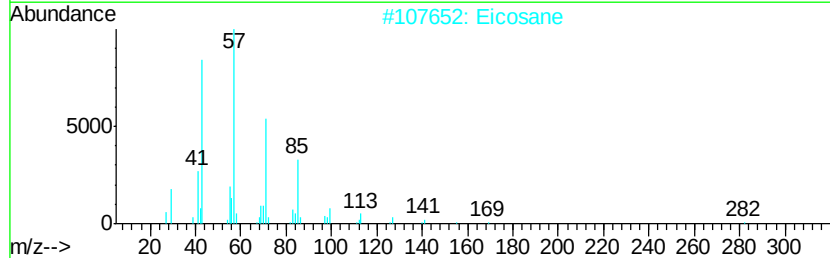
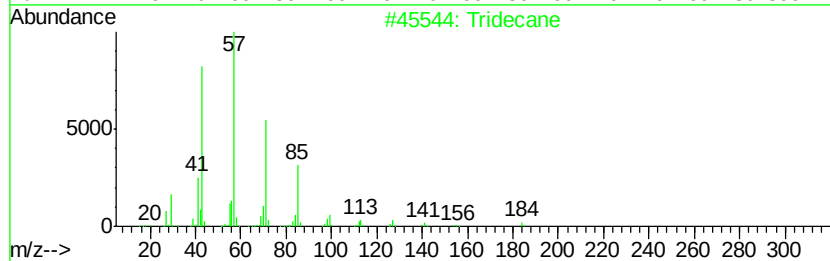
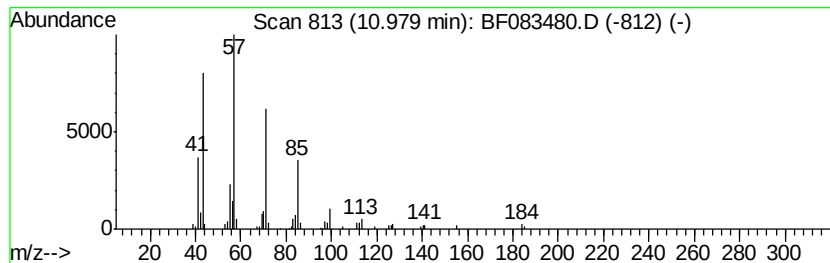
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.98	2.11 ng	123389	Phenanthrene-d10	11.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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Sample : G4617-04
Misc :
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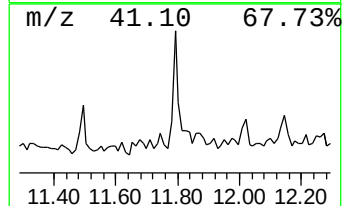
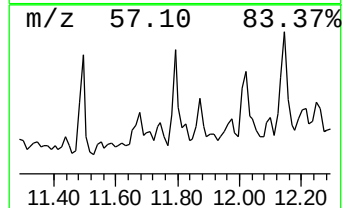
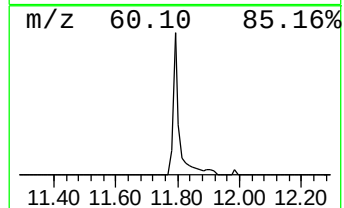
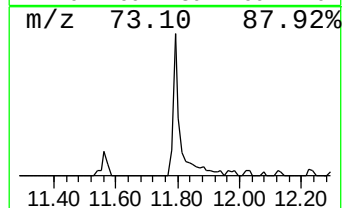
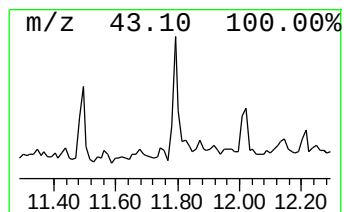
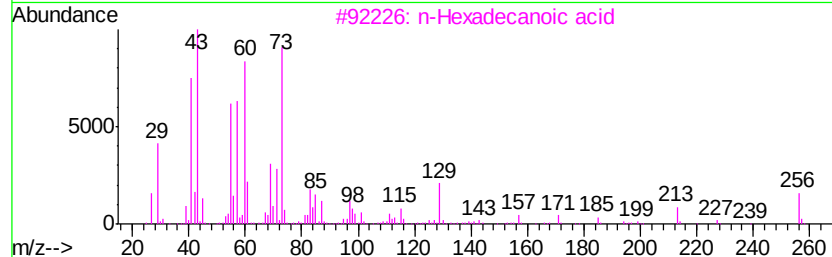
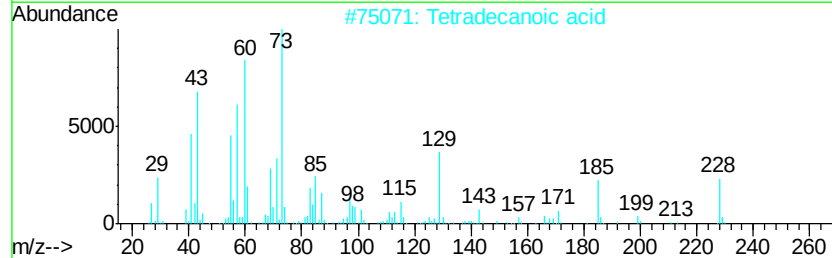
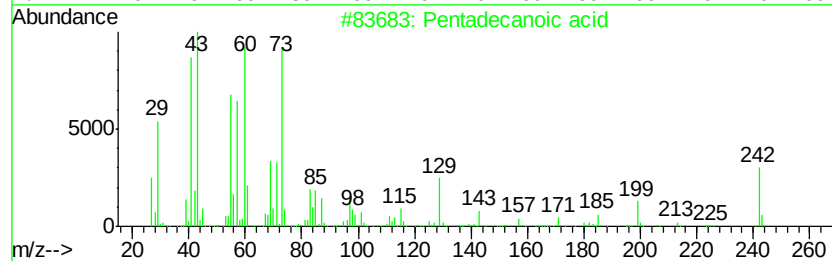
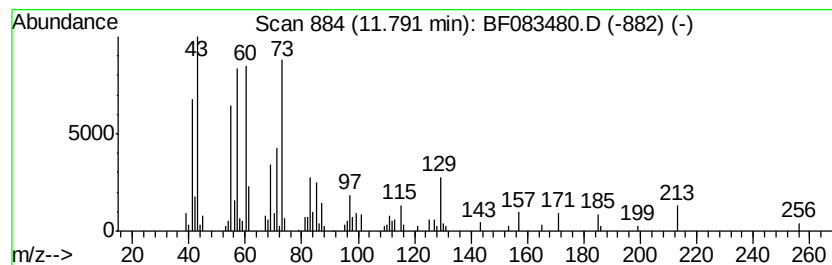
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.92 ng	170169	Phenanthrene-d10	11.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecanoic acid	242 C15H30O2	001002-84-2 80
2		Tetradecanoic acid	228 C14H28O2	000544-63-8 80
3		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 72
4		Tridecanoic acid	214 C13H26O2	000638-53-9 72
5		Lactose	342 C12H22O11	000063-42-3 27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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Acq On : 4 Dec 2015 1:24
Operator : UM/IZ
Sample : G4617-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01

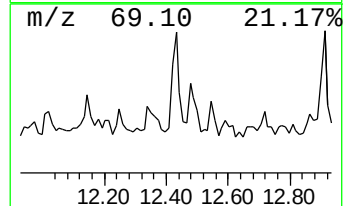
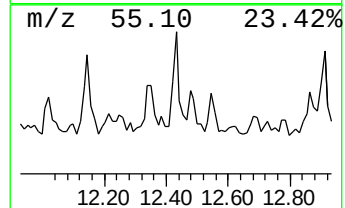
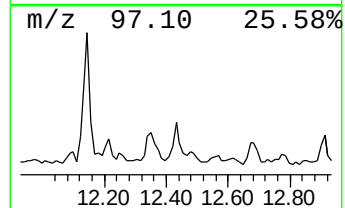
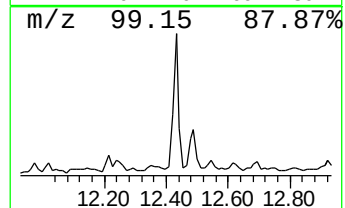
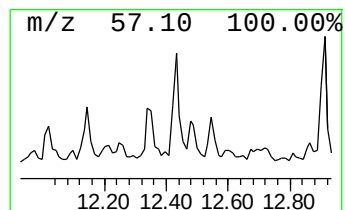
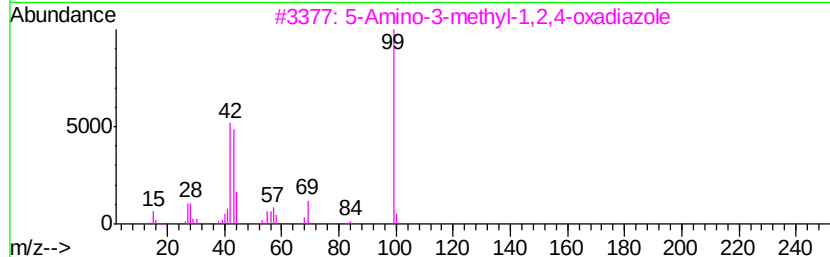
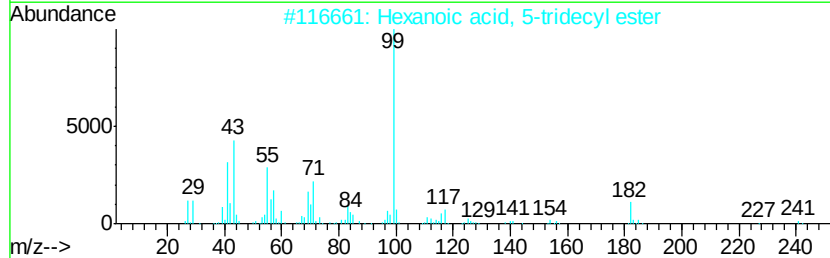
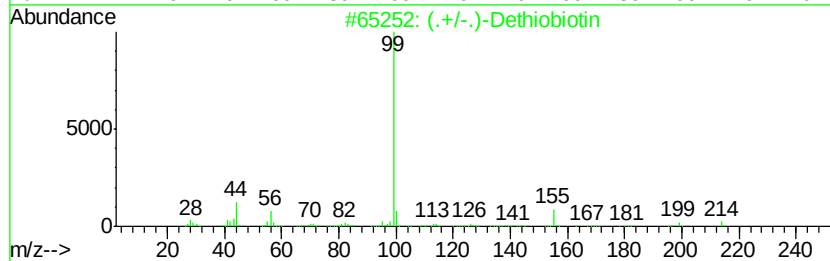
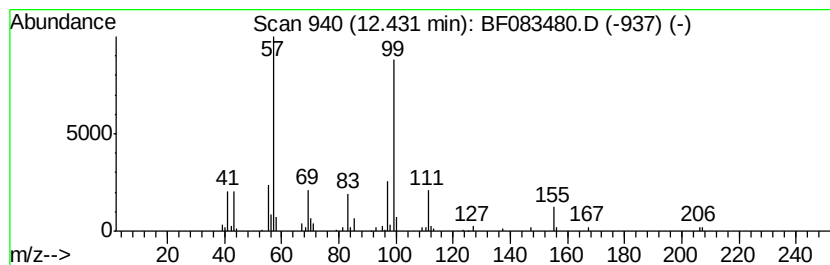
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.43 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.14 ng	124725	Phenanthrene-d10	11.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(.+/-)-Dethiobiotin	214	C10H18N2O3	000636-20-4	43	
2	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	38	
3	5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	38	
4	cis-3-Methyl-4-octanolide	156	C9H16O2	039638-67-0	37	
5	N-(4-Bromo-3-methyl-phenyl)-N'-(...	368	C15H21BrN4O2	1000294-59-4	35	



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Acq On : 4 Dec 2015 1:24
Operator : UM/IZ
Sample : G4617-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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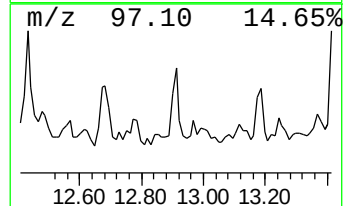
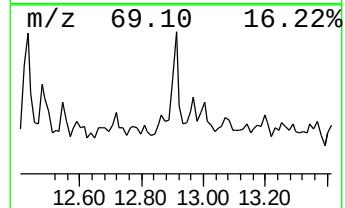
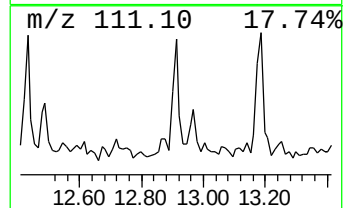
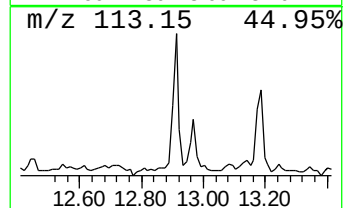
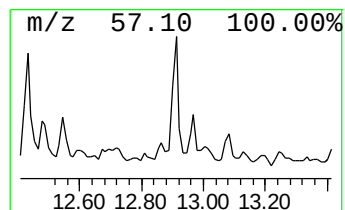
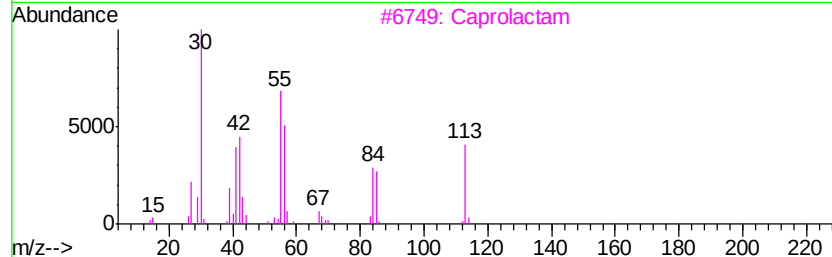
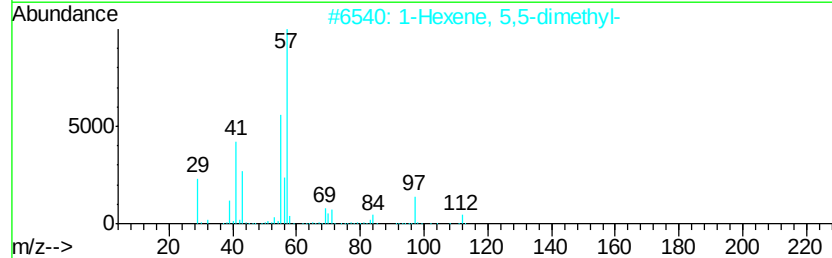
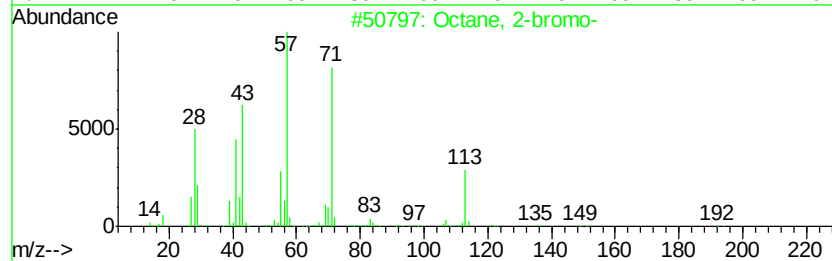
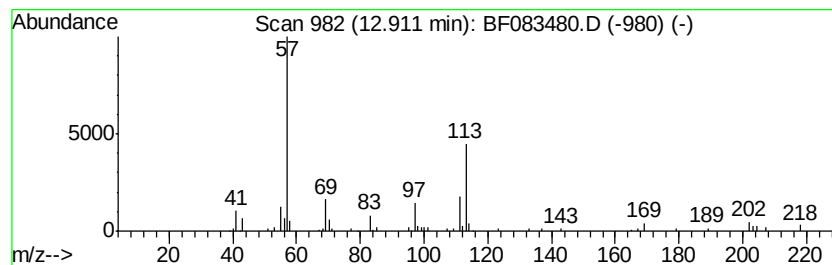
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.91 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	3.62 ng	179870	Chrysene-d12	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38
2		1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	12
3		Caprolactam	113	C6H11NO	000105-60-2	9
4		2H-Azepin-2-one, 5-(1,1-dimethyl...	169	C10H19NO	032741-89-2	9
5		Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083480.D
Acq On : 4 Dec 2015 1:24
Operator : UM/IZ
Sample : G4617-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-01

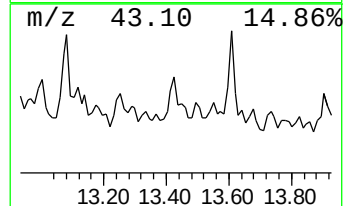
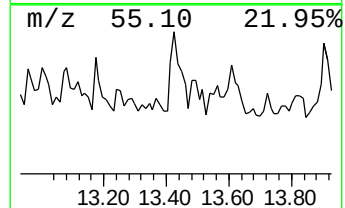
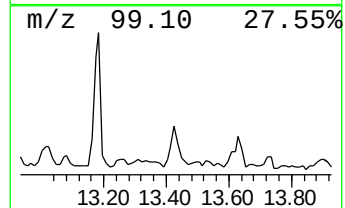
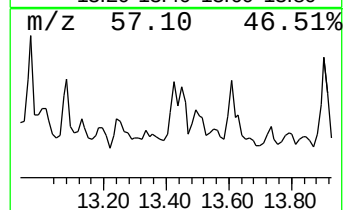
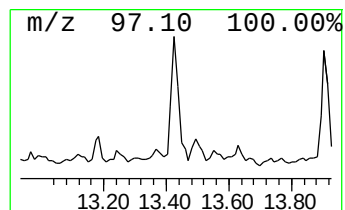
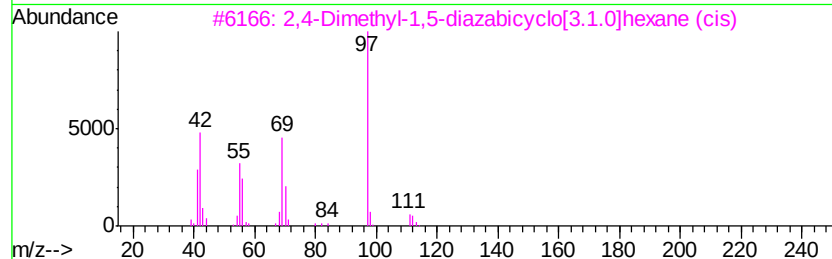
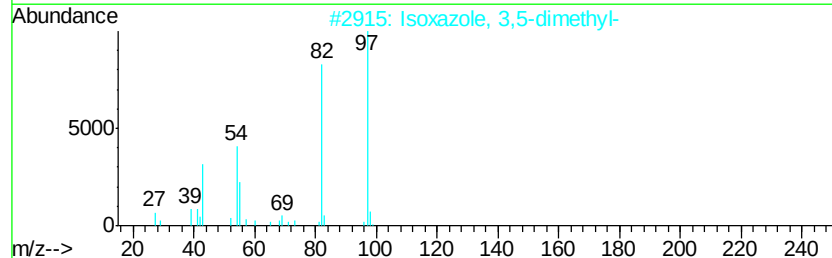
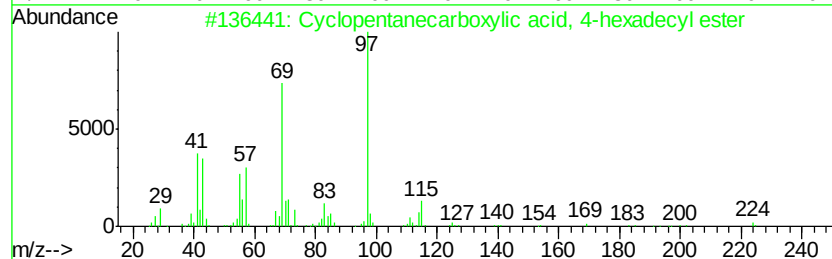
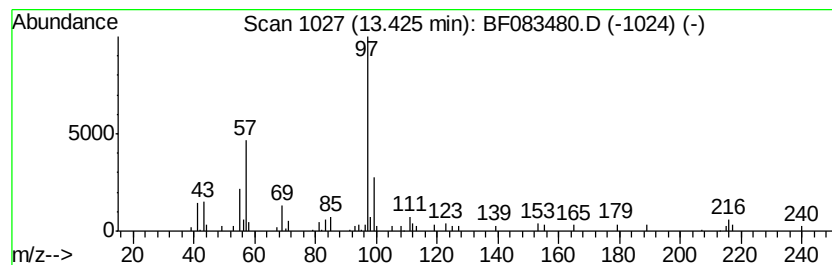
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopentanecarboxylic acid... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	2.08 ng	103239	Chrysene-d12	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	53
2		Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	47
3		2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	42
4		1H-Pyrazole, 4,5-dihydro-3-methy...	126	C7H14N2	026964-49-8	38
5		cis-2-Oxabicyclo[4.4.0]decane	140	C9H16O	060416-19-5	38



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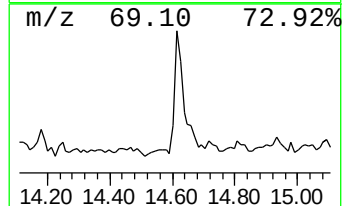
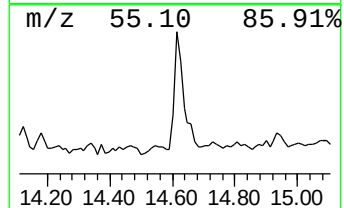
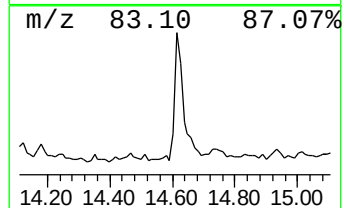
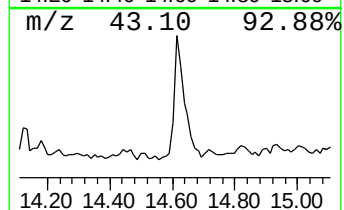
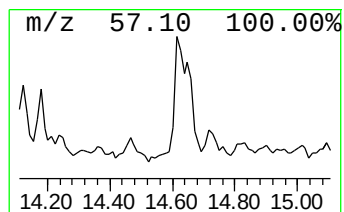
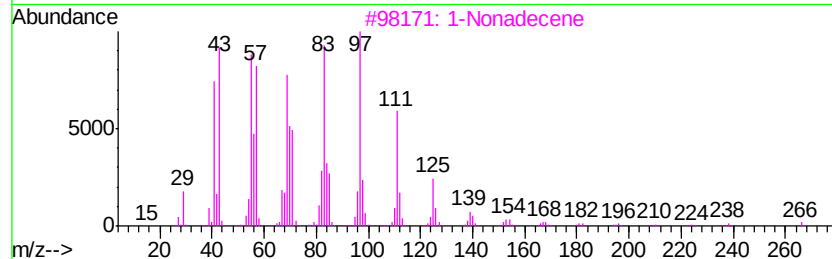
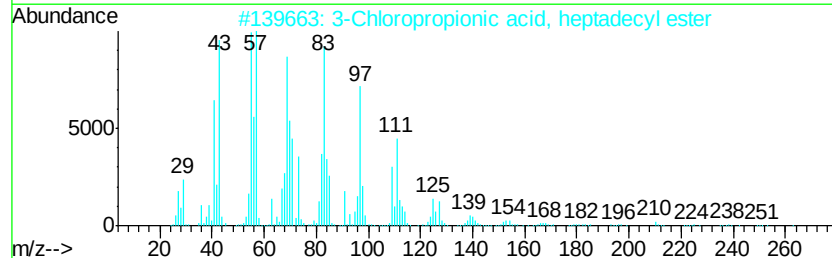
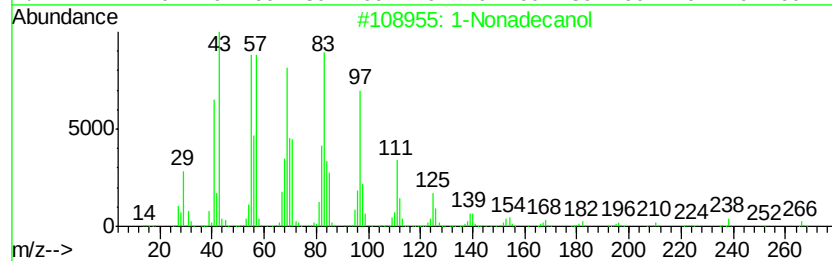
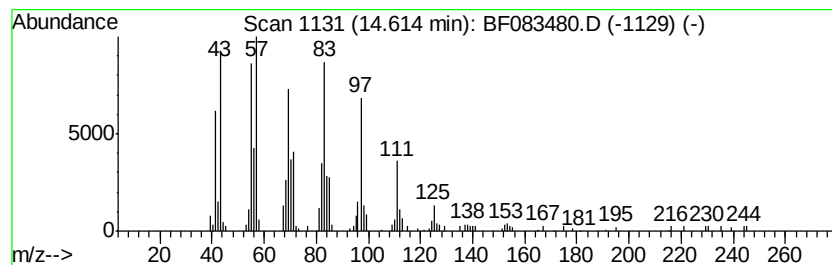
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Nonadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.61	6.65 ng	330694	Chrysene-d12	14.71	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	94
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	1-Docosene	308	C22H44	001599-67-3	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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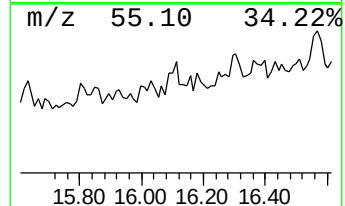
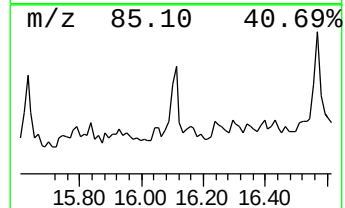
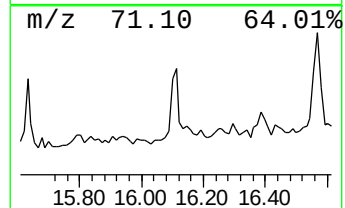
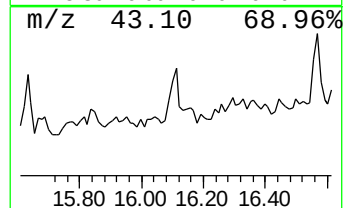
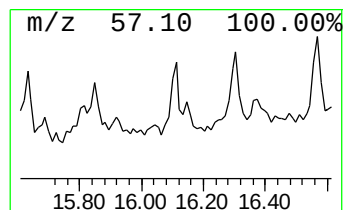
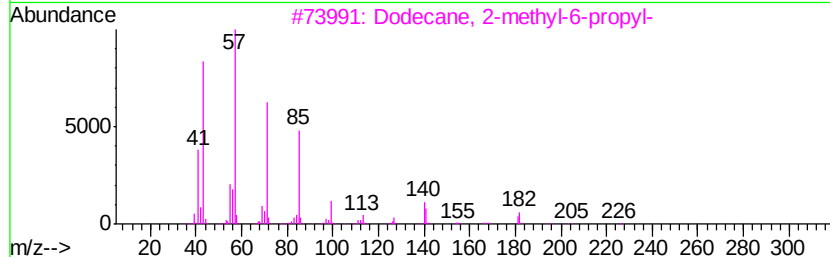
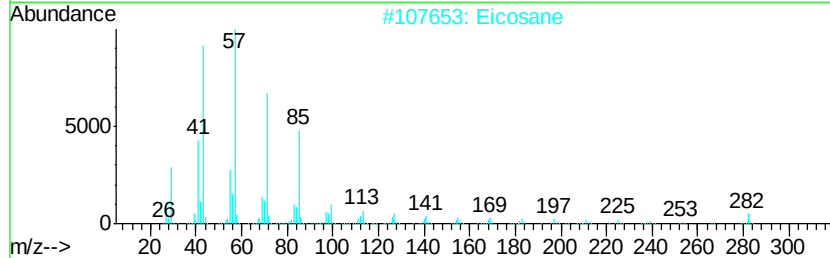
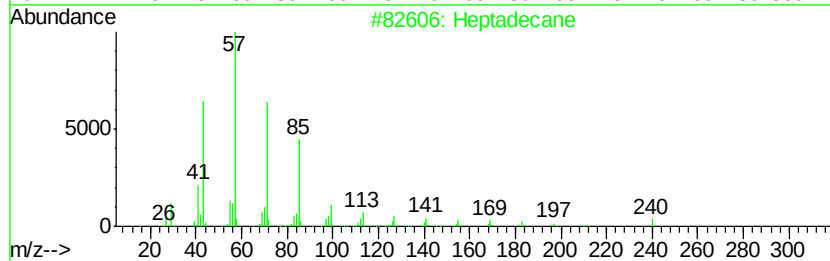
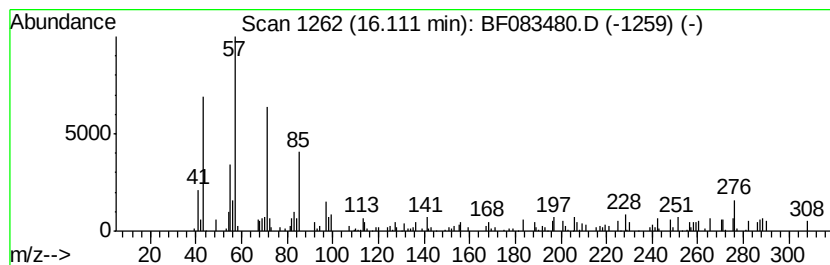
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	2.39 ng	79202	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	90
2		Eicosane	282	C20H42	000112-95-8	83
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	60
4		Undecane	156	C11H24	001120-21-4	53
5		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083480.D
Acq On : 4 Dec 2015 1:24
Operator : UM/IZ
Sample : G4617-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-01

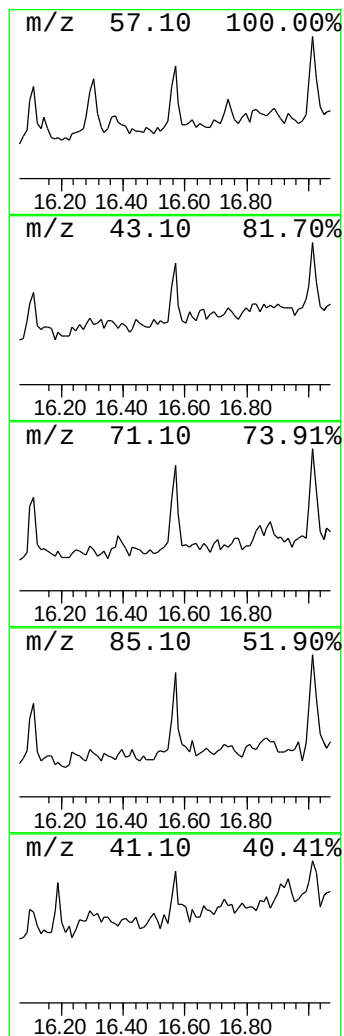
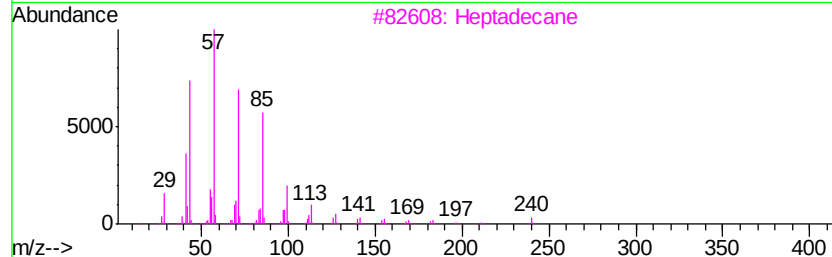
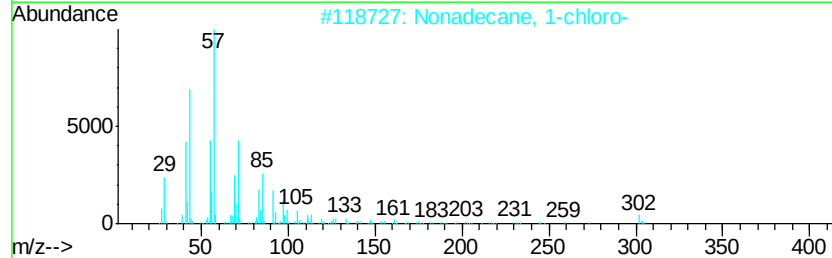
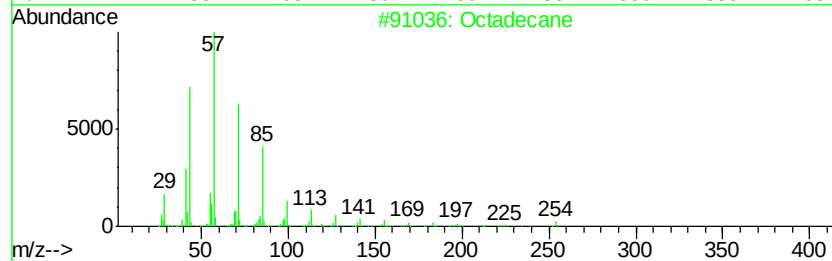
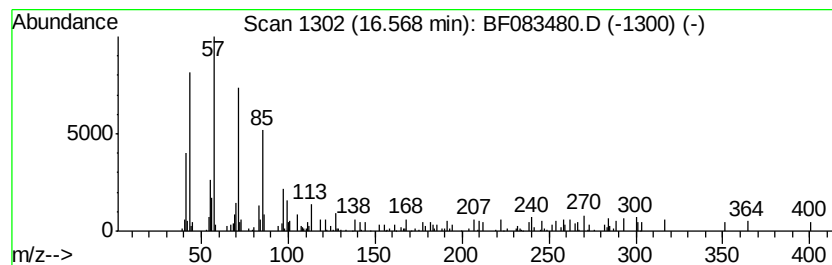
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	2.27 ng	75240	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	83
2		Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	72
3		Heptadecane	240	C17H36	000629-78-7	70
4		Hexatriacontane	507	C36H74	000630-06-8	64
5		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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Acq On : 4 Dec 2015 1:24
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Sample : G4617-04
Misc :
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ClientSampleId :
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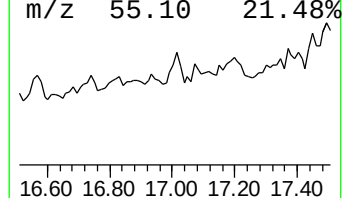
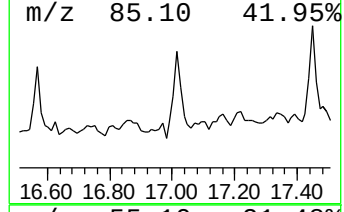
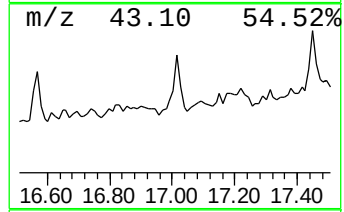
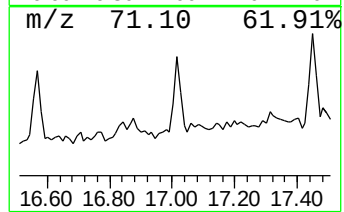
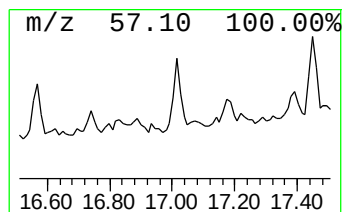
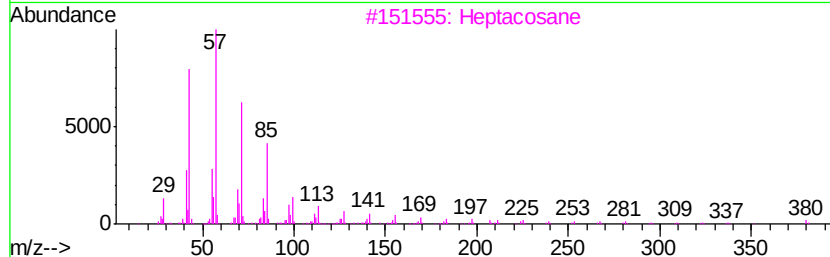
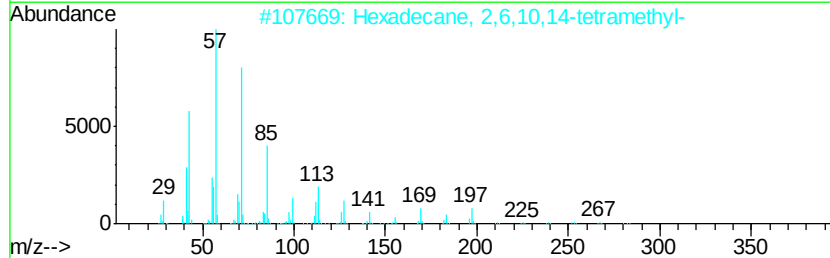
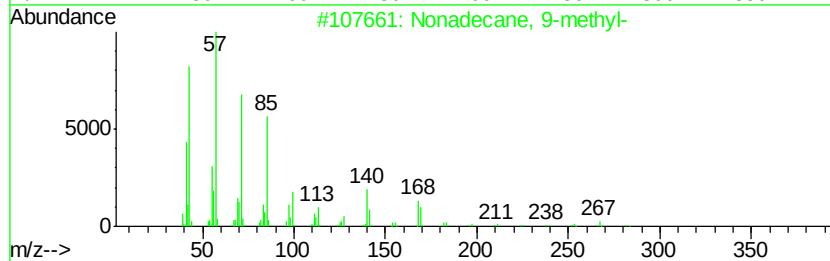
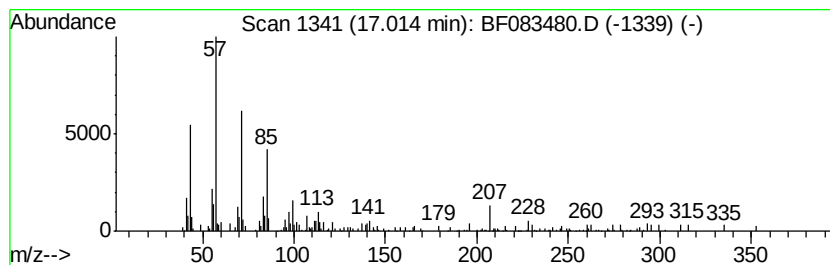
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	2.28 ng	75332	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	76
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68
3		Heptacosane	380	C27H56	000593-49-7	68
4		Eicosane	282	C20H42	000112-95-8	64
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083480.D
Acq On : 4 Dec 2015 1:24
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Misc :
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ClientSampleId :
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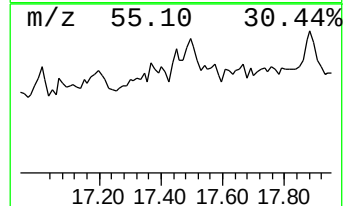
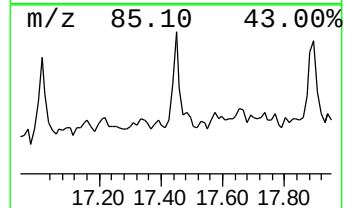
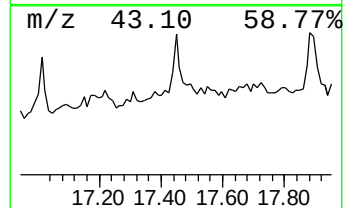
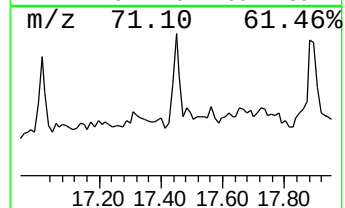
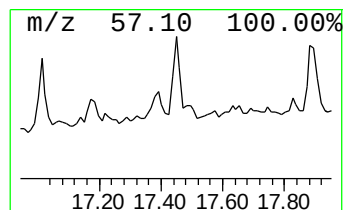
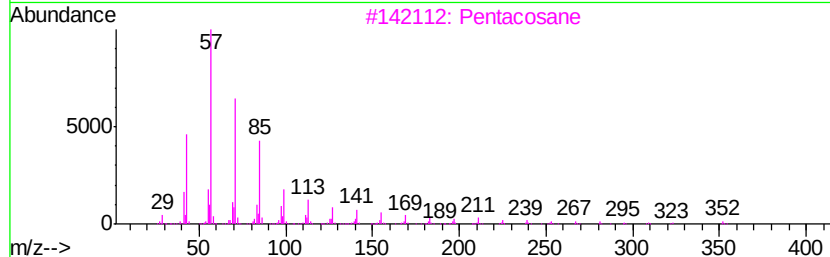
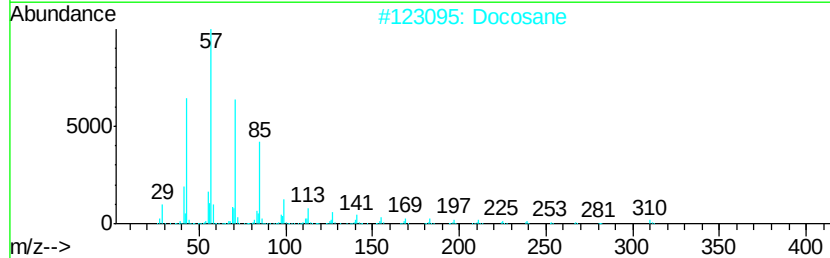
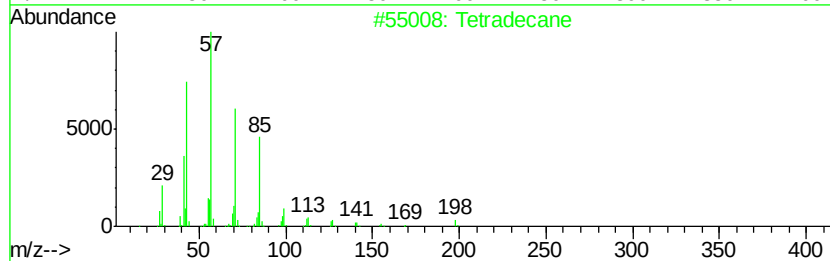
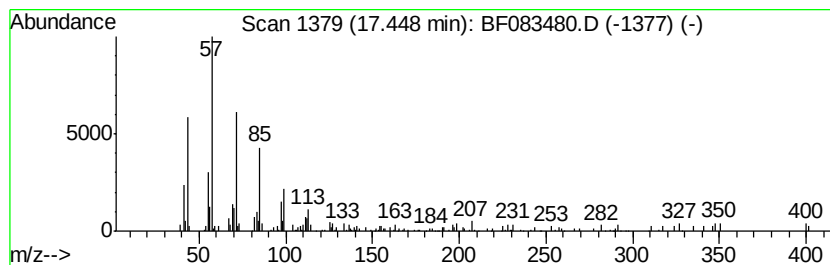
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	2.98 ng	98677	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	83
2		Docosane	310	C22H46	000629-97-0	64
3		Pentacosane	352	C25H52	000629-99-2	64
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083480.D
Acq On : 4 Dec 2015 1:24
Operator : UM/IZ
Sample : G4617-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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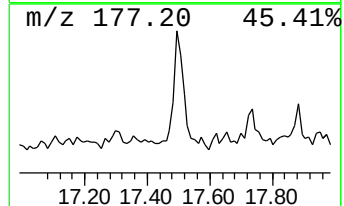
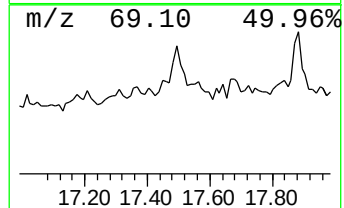
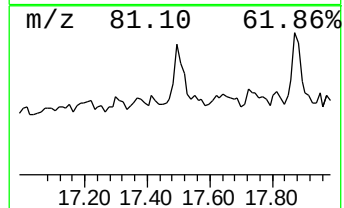
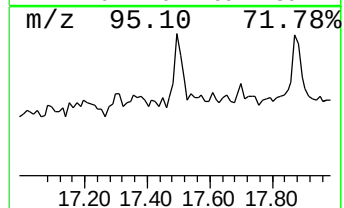
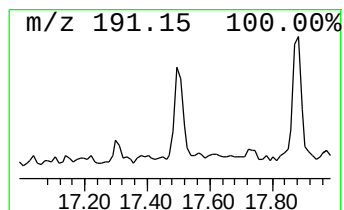
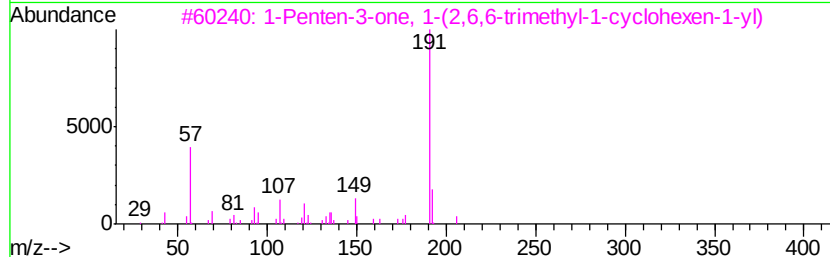
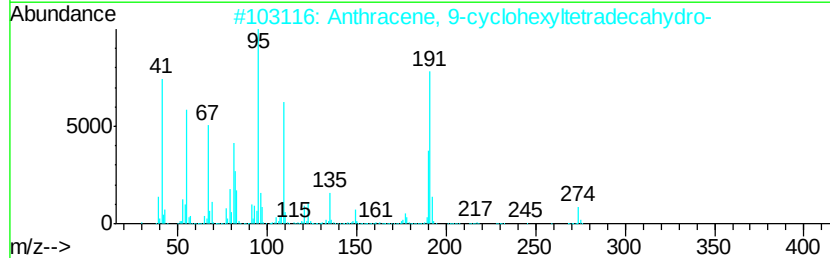
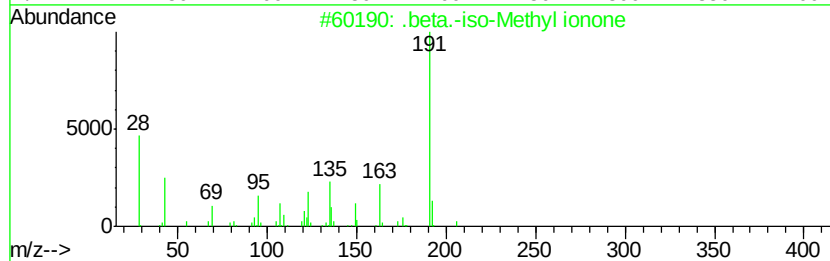
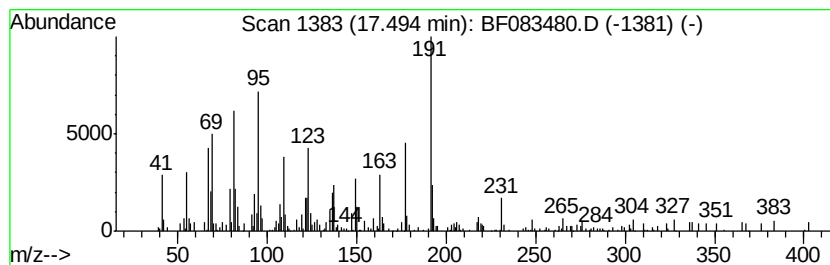
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.49 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	5.85 ng	193498	Perylene-d12	16.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38	
2		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35	
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	30	
4		Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	25	
5		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	25	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083480.D
Acq On : 4 Dec 2015 1:24
Operator : UM/IZ
Sample : G4617-04
Misc :
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ClientSampleId :
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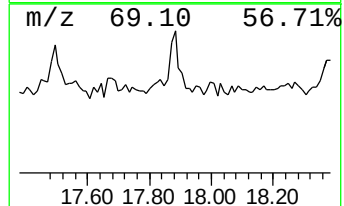
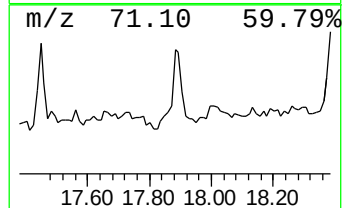
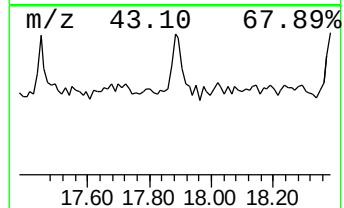
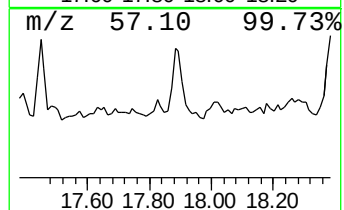
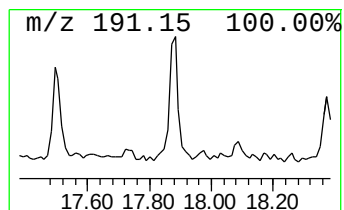
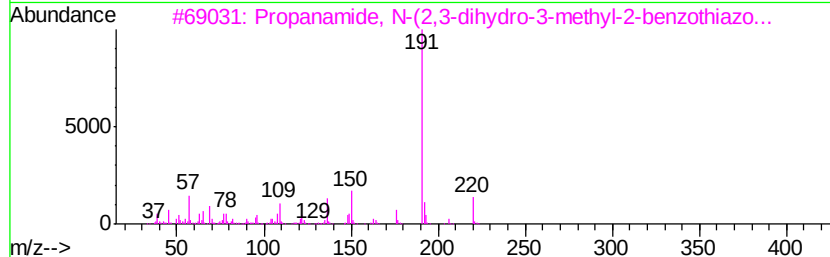
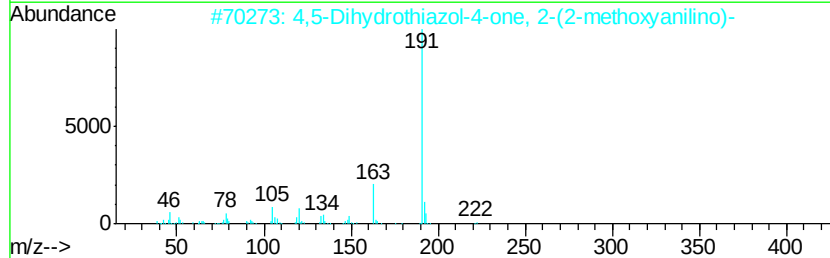
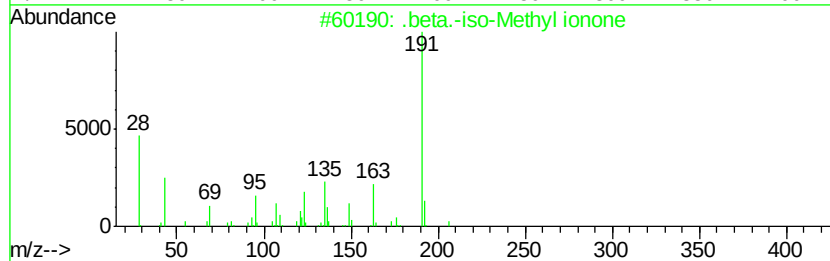
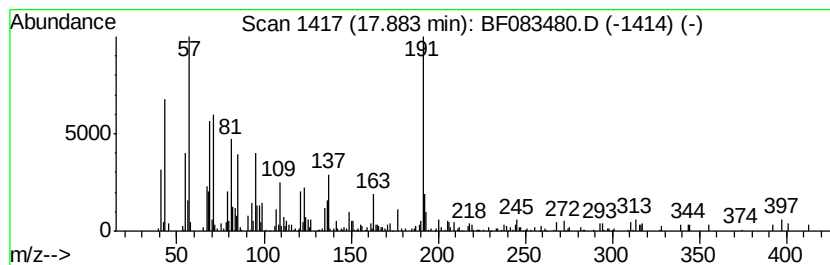
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.88 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	9.13 ng	302268	Perylene-d12	16.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	45	
2	4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	27		
3	Propanamide, N-(2,3-dihydro-3-me...	220	C11H12N2OS	332413-15-7	27		
4	Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	25		
5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	25		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083480.D
Acq On : 4 Dec 2015 1:24
Operator : UM/IZ
Sample : G4617-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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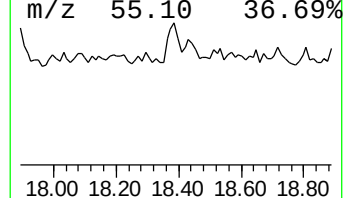
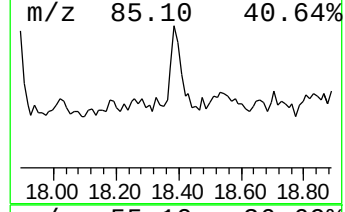
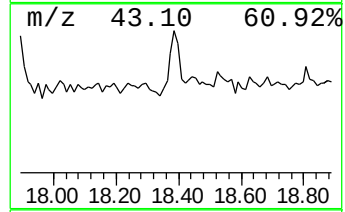
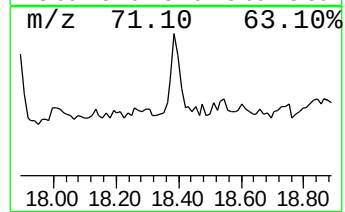
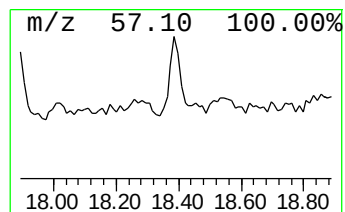
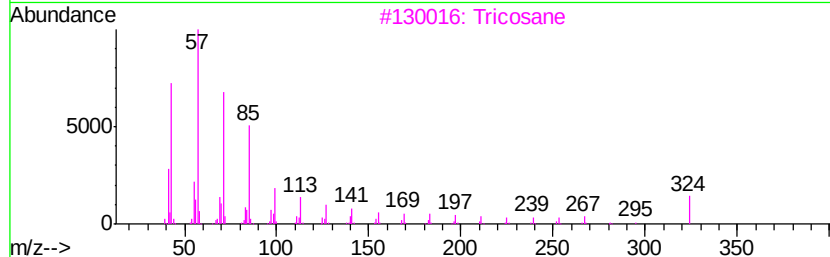
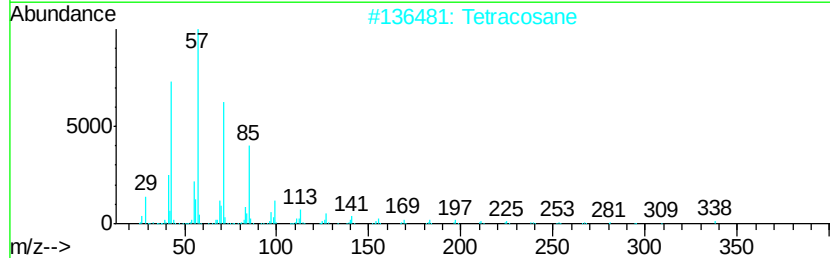
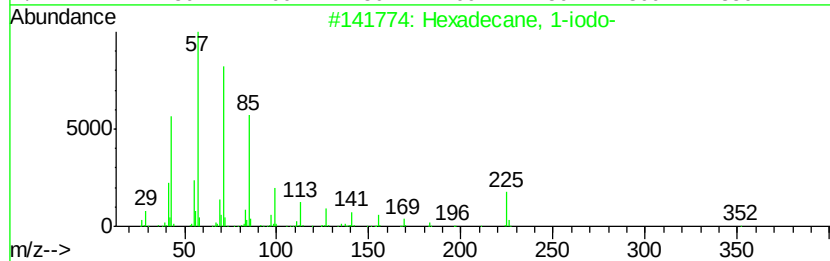
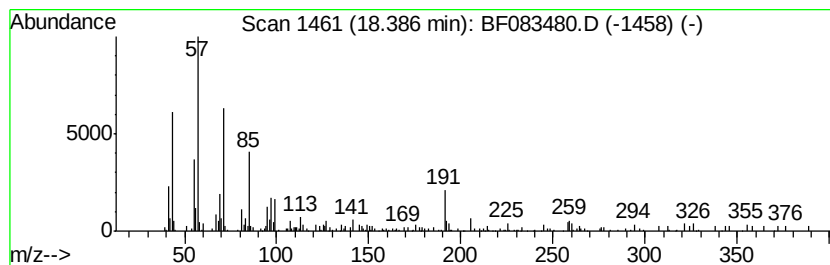
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	4.85 ng	160407	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	78
2		Tetracosane	338	C24H50	000646-31-1	60
3		Tricosane	324	C23H48	000638-67-5	60
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	60
5		Heptadecane	240	C17H36	000629-78-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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Acq On : 4 Dec 2015 1:24
Operator : UM/IZ
Sample : G4617-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.64	21.9 ng		1050170	1	6.53	959220	20.0
unknown6.30	6.30	89.8 ng		4304640	1	6.53	959220	20.0
Eicosane	10.02	4.1 ng		265097	3	9.56	1300710	20.0
Pentadecane, 2,6,...	10.24	2.1 ng		135950	3	9.56	1300710	20.0
Hexadecane	10.49	6.2 ng		361783	4	11.09	1166870	20.0
Tridecane	10.98	2.1 ng		123389	4	11.09	1166870	20.0
Pentadecanoic acid	11.79	2.9 ng		170169	4	11.09	1166870	20.0
unknown12.43	12.43	2.1 ng		124725	4	11.09	1166870	20.0
unknown12.91	12.91	3.6 ng		179870	5	14.71	994912	20.0
Cyclopentanecarbo...	13.43	2.1 ng		103239	5	14.71	994912	20.0
1-Nonadecanol	14.61	6.7 ng		330694	5	14.71	994912	20.0
Heptadecane	16.11	2.4 ng		79202	6	16.77	662005	20.0
Octadecane	16.57	2.3 ng		75240	6	16.77	662005	20.0
Nonadecane, 9-met...	17.01	2.3 ng		75332	6	16.77	662005	20.0
Tetradecane	17.45	3.0 ng		98677	6	16.77	662005	20.0
unknown17.49	17.49	5.8 ng		193498	6	16.77	662005	20.0
unknown17.88	17.88	9.1 ng		302268	6	16.77	662005	20.0
Hexadecane, 1-iodo-	18.39	4.8 ng		160407	6	16.77	662005	20.0