

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
 Data File : BF077404.D
 Acq On : 23 Feb 2015 14:44
 Operator : TP/IZ
 Sample : G1332-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-4

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-BF021915.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	0.978	6	8	19	rVB3	53191	143948	1.55%	0.160%
2	1.504	51	54	56	rBV	7494559	9285529	100.00%	10.347%
3	1.630	62	65	68	rVB	143039	250578	2.70%	0.279%
4	1.813	79	81	84	rVB	269351	322481	3.47%	0.359%
5	5.127	369	371	376	rVB	434890	555951	5.99%	0.620%
6	5.619	412	414	417	rVB	1728888	2022780	21.78%	2.254%
7	6.876	522	524	527	rBV	1758235	2107412	22.70%	2.348%
8	7.036	536	538	541	rVB	2082087	2235380	24.07%	2.491%
9	7.333	562	564	566	rBV	573485	583890	6.29%	0.651%
10	7.516	578	580	582	rVB	2024999	1799562	19.38%	2.005%
11	8.019	621	624	626	rBV	1498803	1335757	14.39%	1.488%
12	8.910	699	702	704	rBV	643888	797886	8.59%	0.889%
13	10.259	817	820	822	rVB	2184516	2854188	30.74%	3.181%
14	10.751	862	863	867	rBV2	95347	157126	1.69%	0.175%
15	11.082	890	892	894	rBV	997258	939856	10.12%	1.047%
16	11.425	920	922	925	rVB	129172	169980	1.83%	0.189%
17	11.939	964	967	969	rBV	123549	171025	1.84%	0.191%
18	11.985	969	971	974	rVB	187273	181611	1.96%	0.202%
19	12.065	975	978	980	rBV	1492939	1697847	18.28%	1.892%
20	12.271	993	996	999	rVB	224413	248585	2.68%	0.277%
21	12.854	1045	1047	1050	rVB	206825	221993	2.39%	0.247%
22	12.934	1051	1054	1055	rBV	679925	991989	10.68%	1.105%
23	13.025	1060	1062	1063	rVB	95061	122471	1.32%	0.136%
24	13.219	1078	1079	1081	rBV	71055	96085	1.03%	0.107%
25	13.562	1106	1109	1110	rBV2	94144	147276	1.59%	0.164%
26	13.597	1110	1112	1114	rVB	94568	134706	1.45%	0.150%
27	13.642	1114	1116	1118	rBV2	295709	341392	3.68%	0.380%
28	13.688	1118	1120	1122	rBV2	182277	210600	2.27%	0.235%
29	13.962	1139	1144	1146	rBV3	92914	226893	2.44%	0.253%
30	14.351	1176	1178	1180	rBV3	84802	127336	1.37%	0.142%
31	14.442	1183	1186	1187	rVB	475307	566439	6.10%	0.631%
32	14.511	1190	1192	1195	rVV2	489182	561191	6.04%	0.625%
33	14.625	1200	1202	1205	rBV3	98595	196203	2.11%	0.219%
34	14.717	1207	1210	1212	rVB	540206	583468	6.28%	0.650%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.922	1226	1228	1231	rBV	2089725	3048127	32.83%	3.397%
36	15.140	1245	1247	1249	rVB	116343	104535	1.13%	0.116%
37	15.220	1253	1254	1256	rBV	97210	99911	1.08%	0.111%
38	15.265	1256	1258	1260	rBV2	210190	290298	3.13%	0.323%
39	15.700	1293	1296	1298	rBV	555195	637411	6.86%	0.710%
40	16.123	1329	1333	1335	rVB	2227158	3143083	33.85%	3.502%
41	16.237	1340	1343	1344	rBV2	772055	1297373	13.97%	1.446%
42	16.271	1344	1346	1348	rVB2	413494	612405	6.60%	0.682%
43	16.534	1366	1369	1372	rBV	4410053	5097852	54.90%	5.681%
44	16.945	1402	1405	1408	rBV	5679274	6821212	73.46%	7.601%
45	17.197	1425	1427	1431	rVB	234057	335371	3.61%	0.374%
46	17.357	1438	1441	1443	rBV	5461927	6815629	73.40%	7.595%
47	17.757	1473	1476	1482	rBV	5150646	7850717	84.55%	8.748%
48	18.020	1495	1499	1503	rBV2	752039	1625341	17.50%	1.811%
49	18.168	1509	1512	1515	rBV	3833897	5832691	62.81%	6.500%
50	18.637	1549	1553	1555	rBV	3532145	5926488	63.82%	6.604%
51	19.163	1595	1599	1603	rBV	1833221	3692718	39.77%	4.115%
52	19.780	1649	1653	1656	rBV	1260737	2912348	31.36%	3.245%
53	20.500	1712	1716	1722	rVB	464154	1207208	13.00%	1.345%

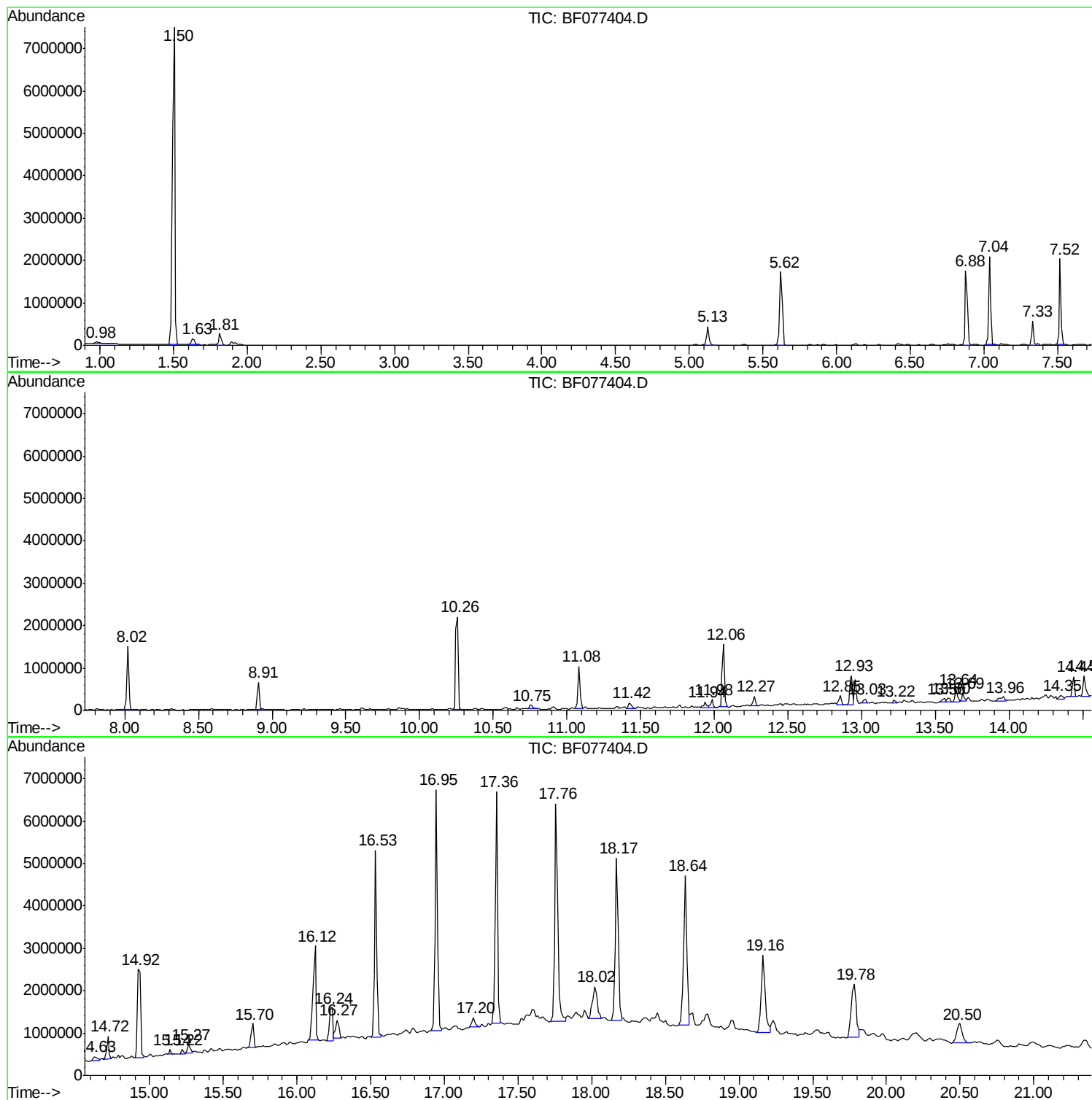
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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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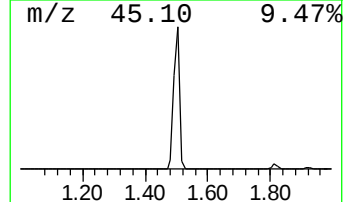
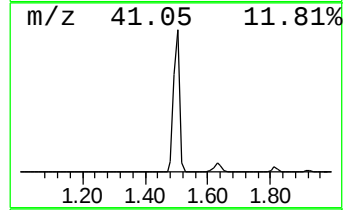
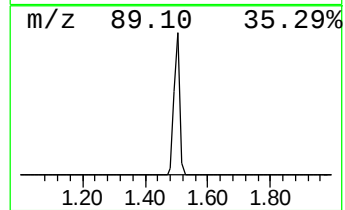
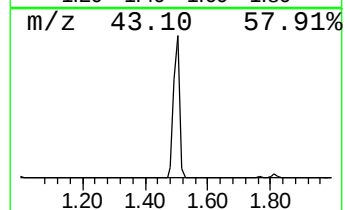
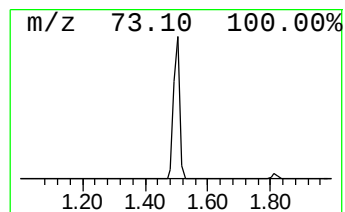
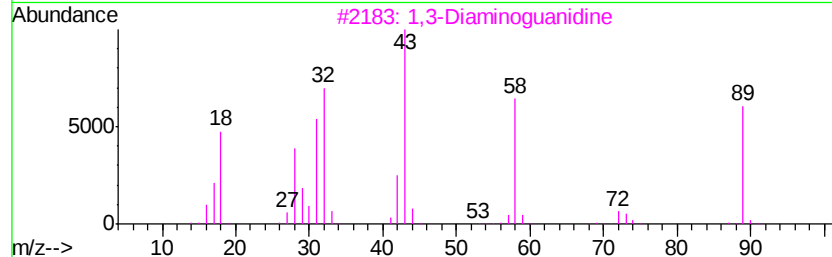
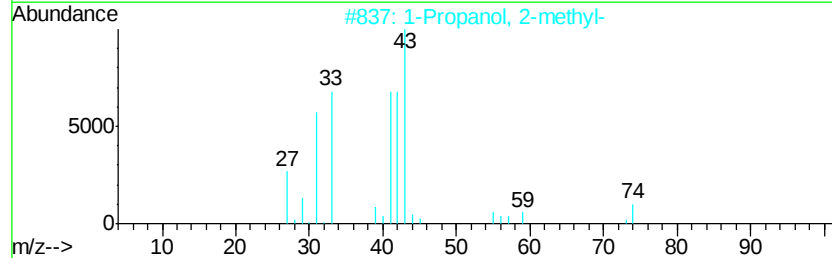
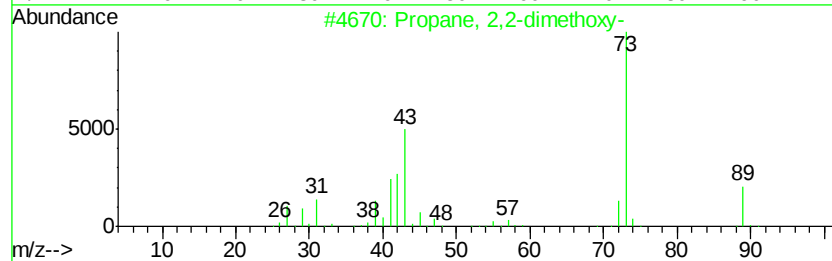
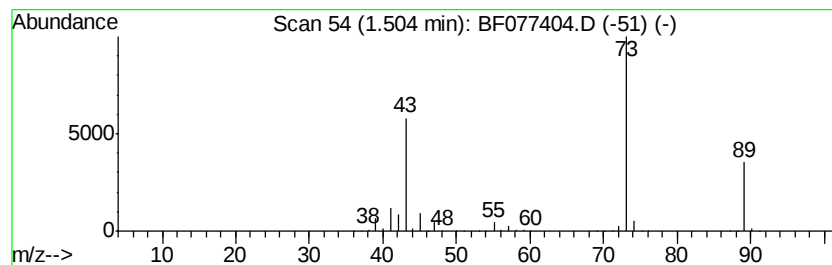
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	318.06 ng	9285530	1,4-Dichlorobenzene-d4	7.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3		1,3-Diaminoquanidine	89	CH7N5	004364-78-7	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Oxirane-2-carboxylic acid, ethyl...	116	C5H8O3	1000192-50-3	9



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HF-4

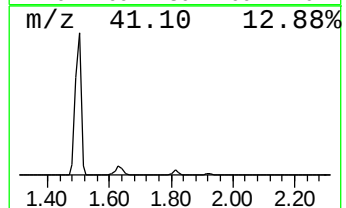
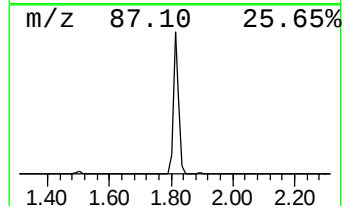
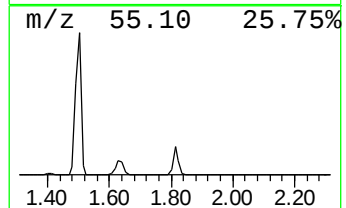
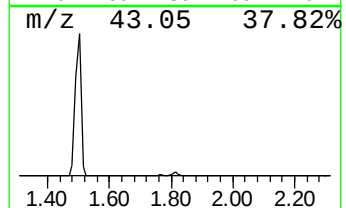
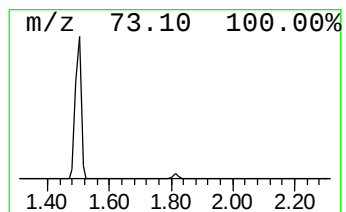
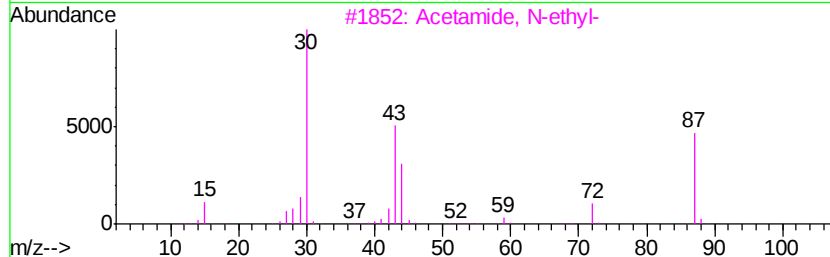
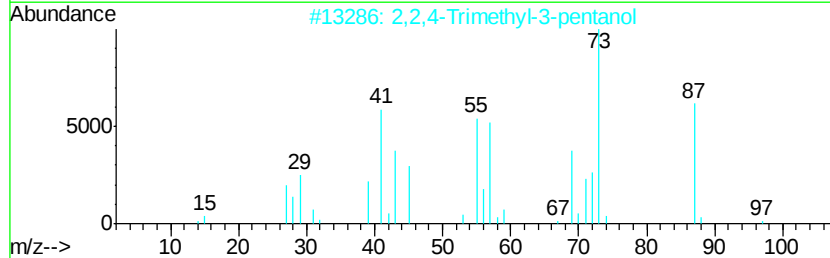
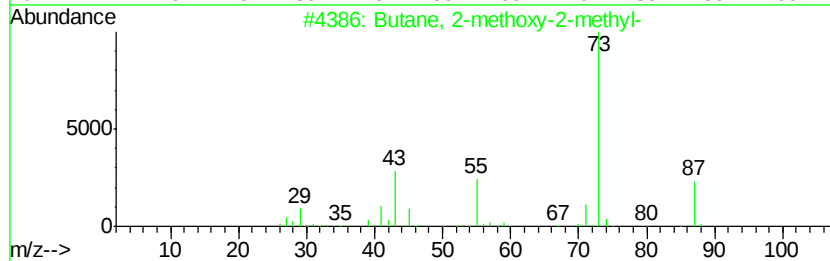
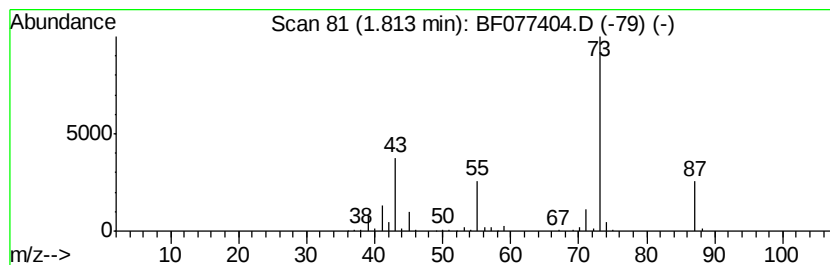
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	11.05 ng	322481	1,4-Dichlorobenzene-d4	7.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	14
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12



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ALS Vial : 10 Sample Multiplier: 1

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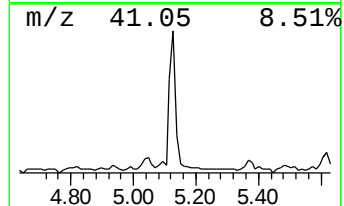
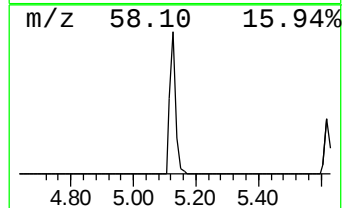
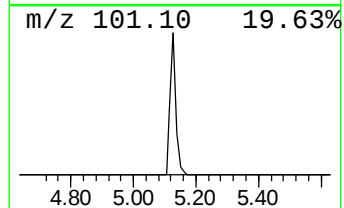
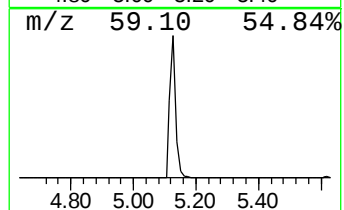
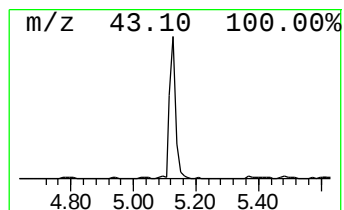
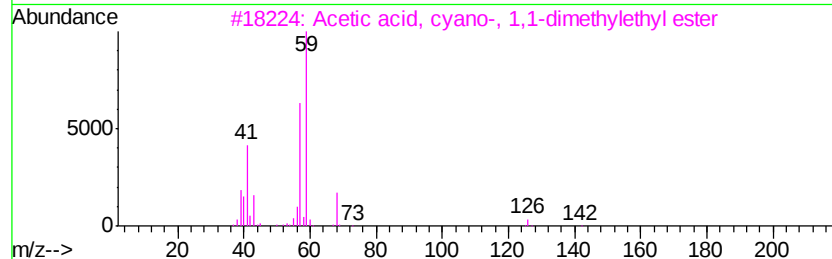
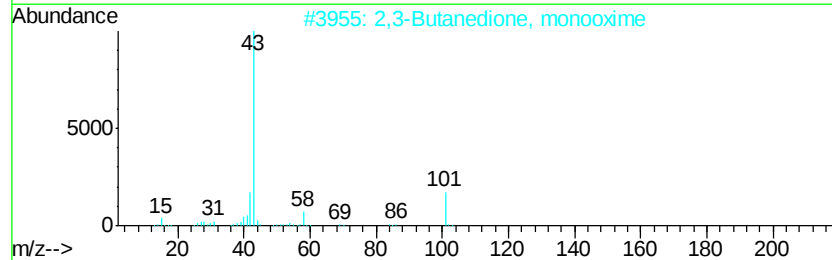
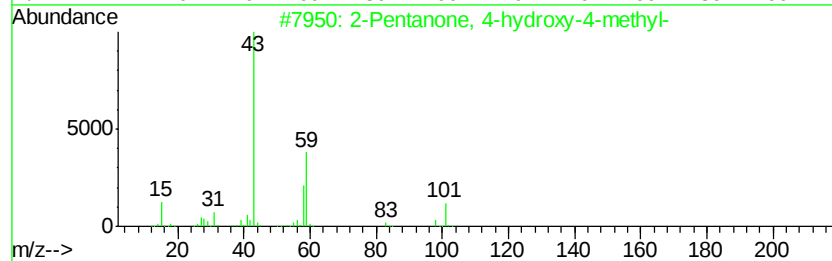
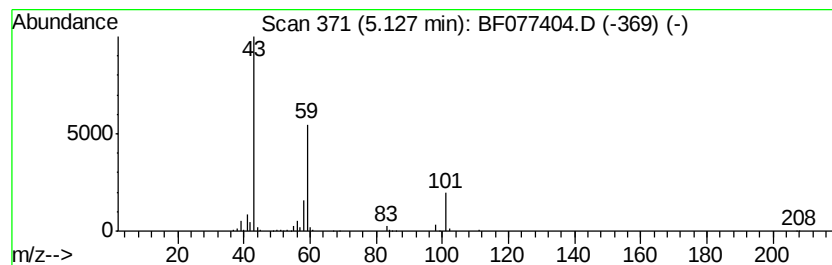
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	19.04 ng	555951	1,4-Dichlorobenzene-d4	7.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



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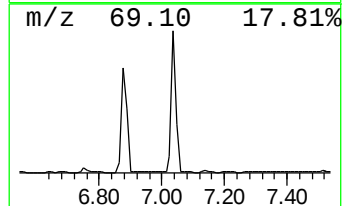
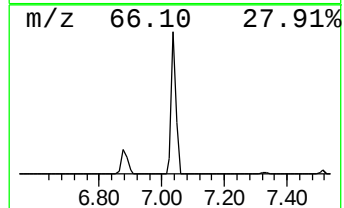
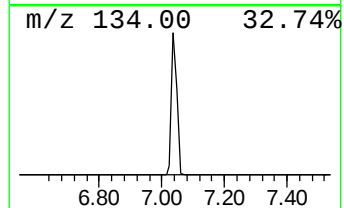
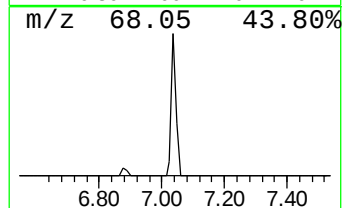
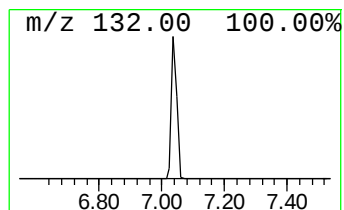
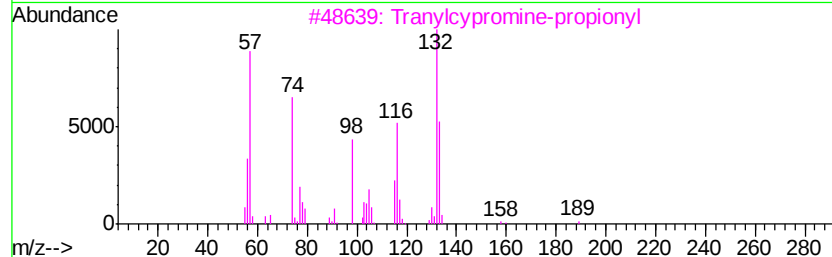
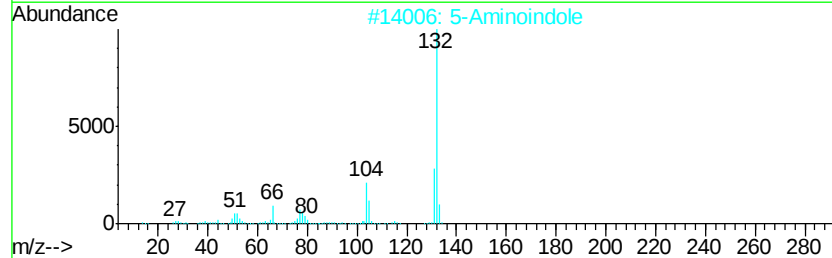
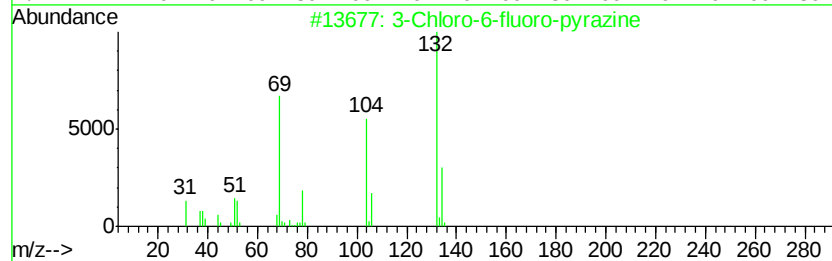
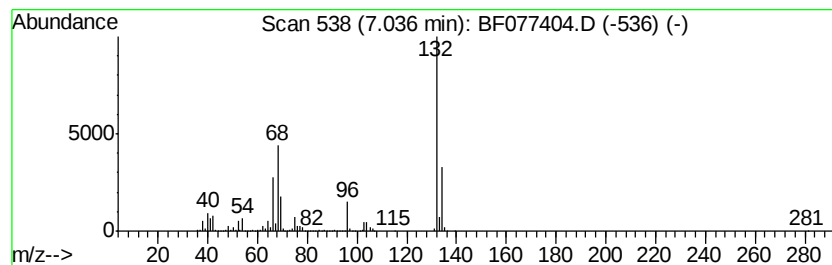
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	76.57 ng	2235380	1,4-Dichlorobenzene-d4	7.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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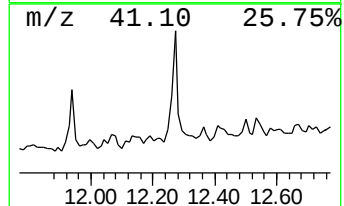
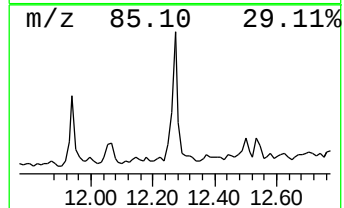
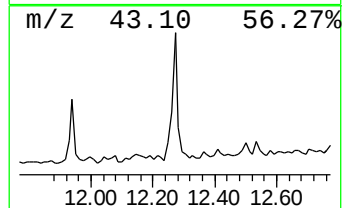
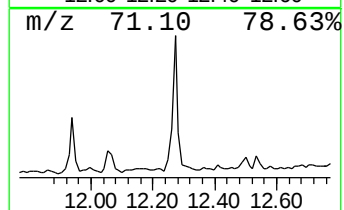
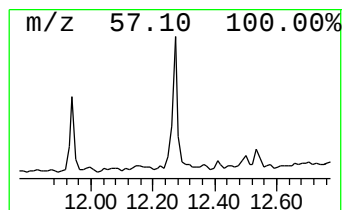
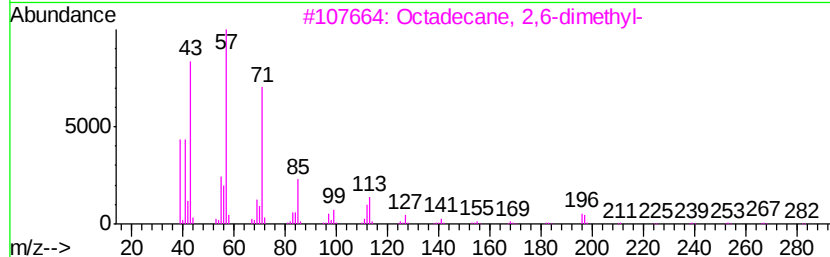
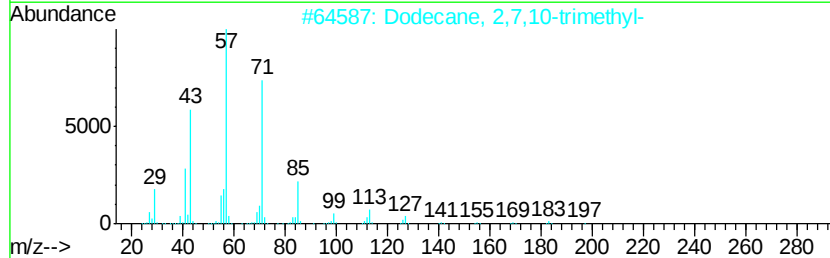
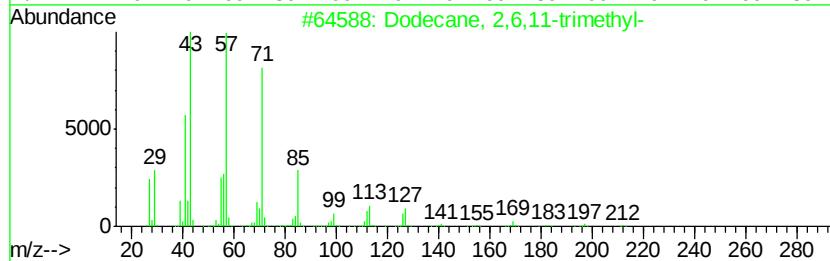
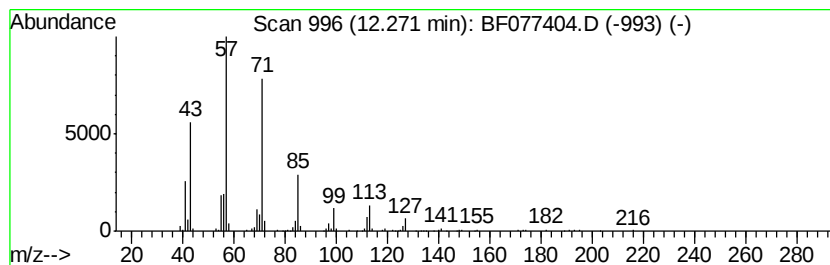
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,11-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	5.01 ng	248585	Phenanthrene-d10	12.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	83
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077404.D
Acq On : 23 Feb 2015 14:44
Operator : TP/IZ
Sample : G1332-11
Misc :
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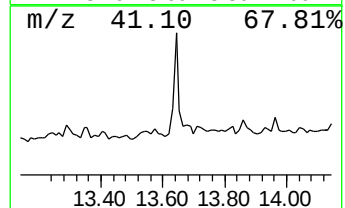
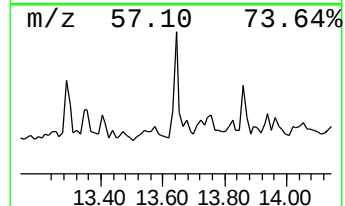
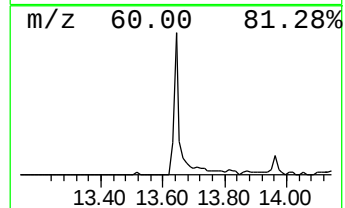
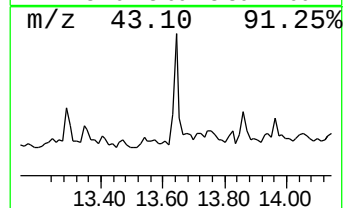
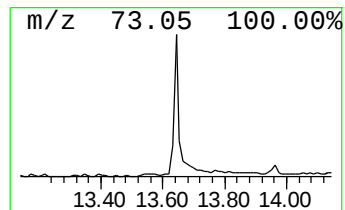
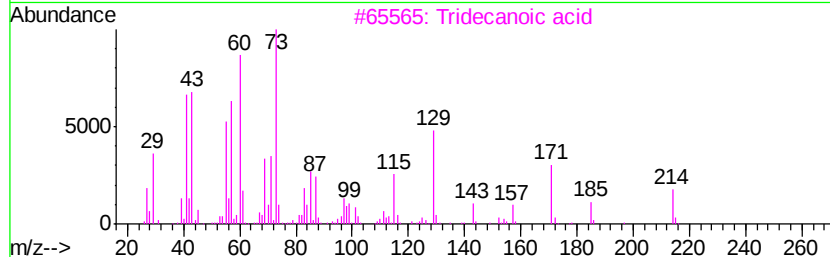
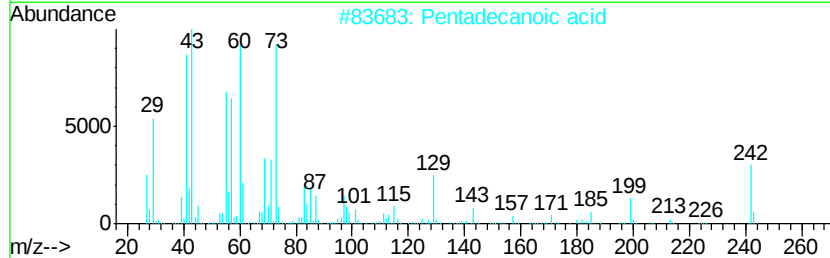
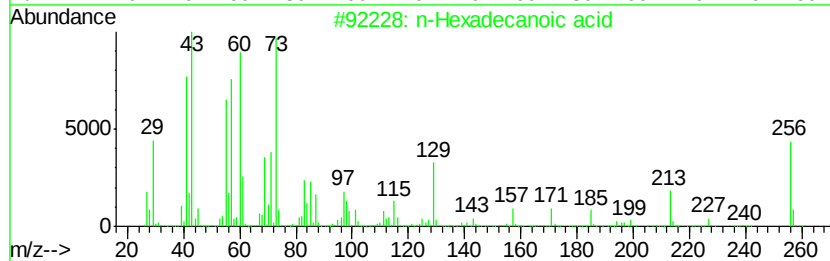
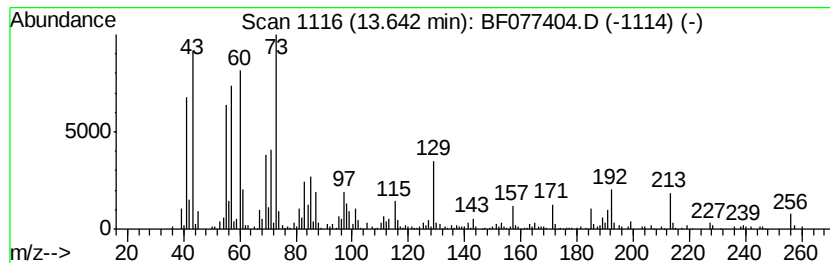
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.64	6.88 ng	341392	Phenanthrene-d10	12.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
Data File : BF077404.D
Acq On : 23 Feb 2015 14:44
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HF-4

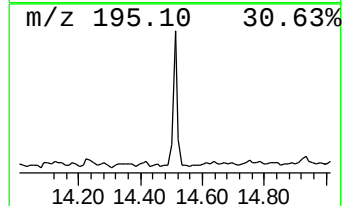
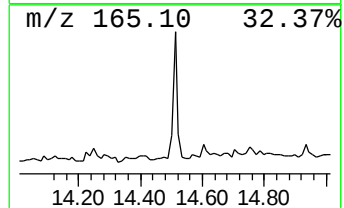
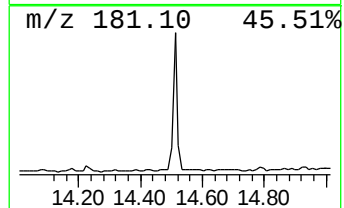
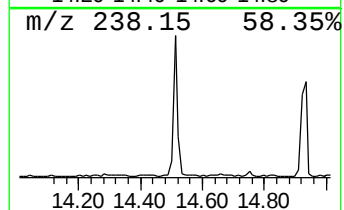
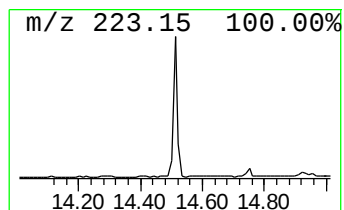
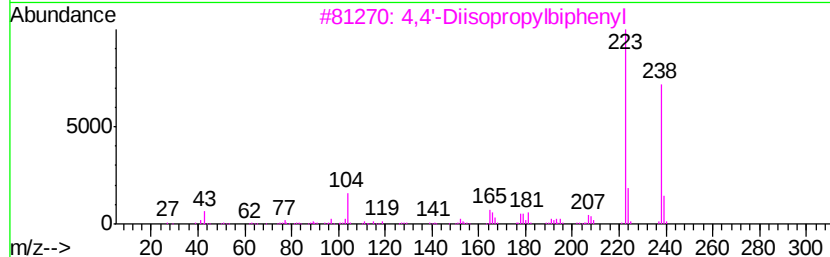
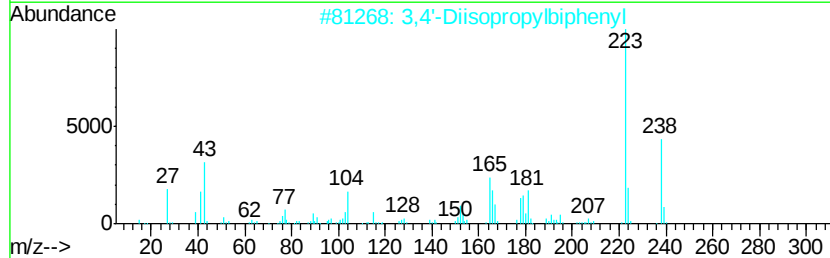
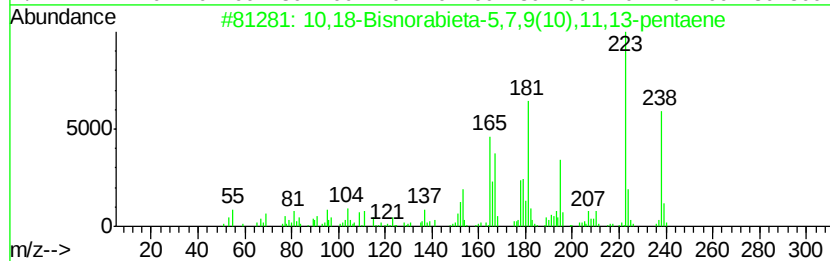
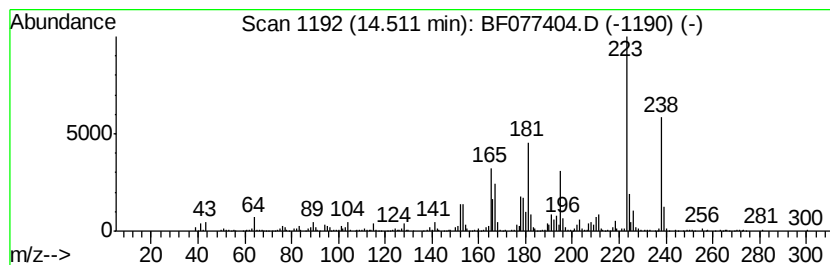
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	11.31 ng	561191	Phenanthrene-d10	12.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
4		Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	49
5		3,3'-Diacetylbiiphenyl	238	C16H14O2	094113-07-2	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077404.D
Acq On : 23 Feb 2015 14:44
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Misc :
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ClientSampleId :
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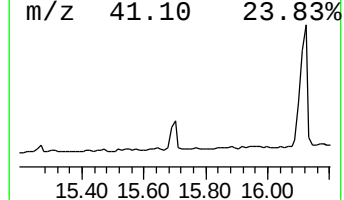
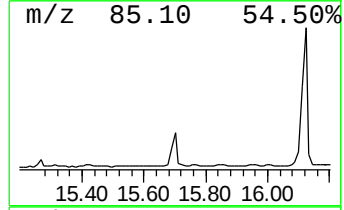
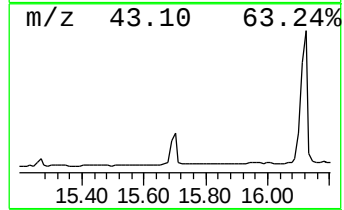
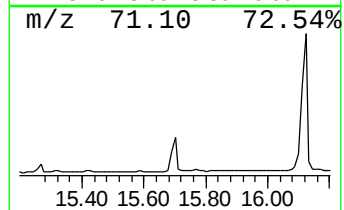
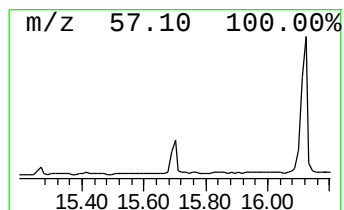
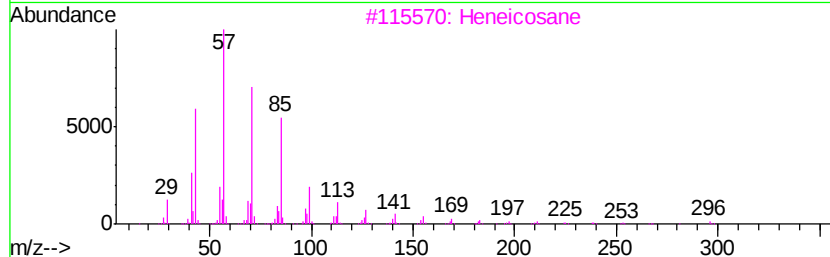
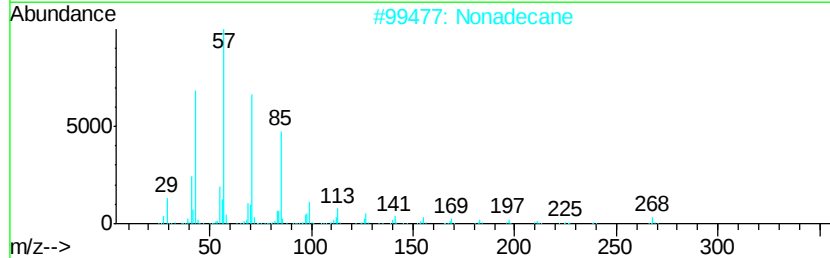
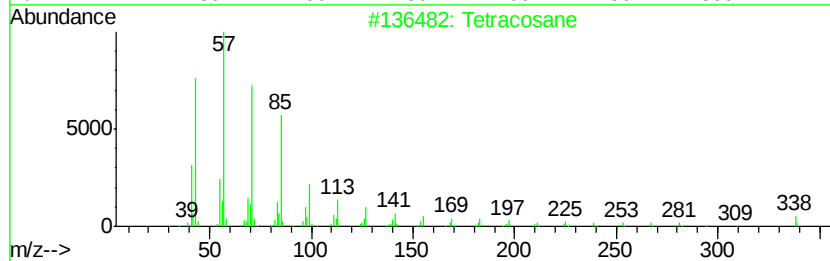
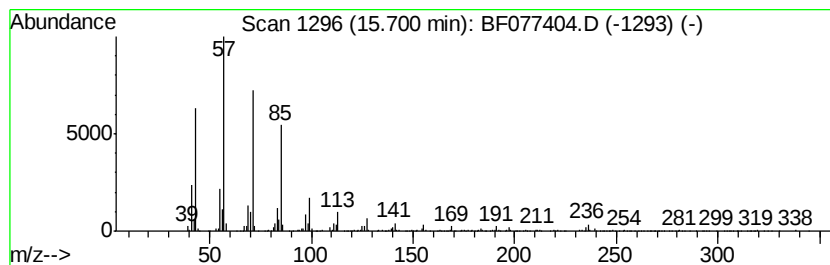
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	9.83 ng	637411	Chrysene-d12	16.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	97
2			Nonadecane	268	C19H40	000629-92-5	94
3			Heneicosane	296	C21H44	000629-94-7	91
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5			Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077404.D
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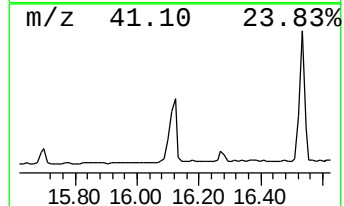
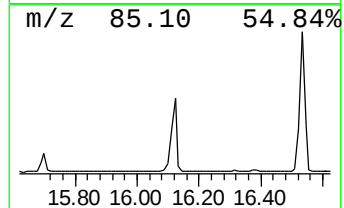
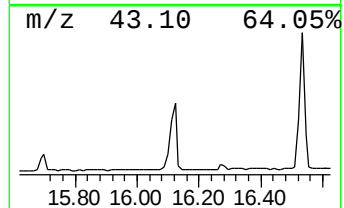
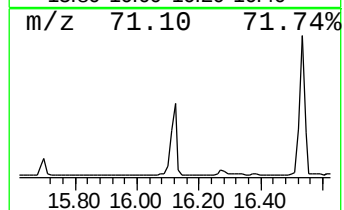
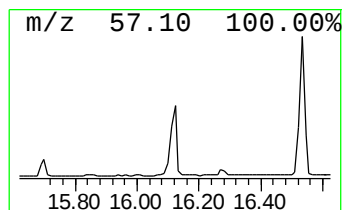
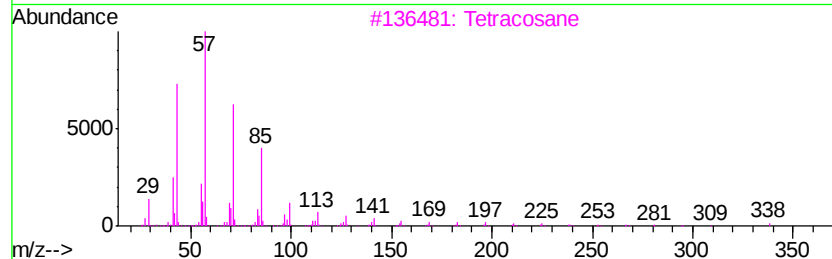
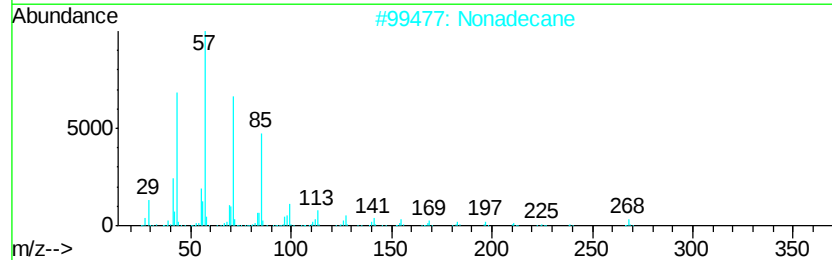
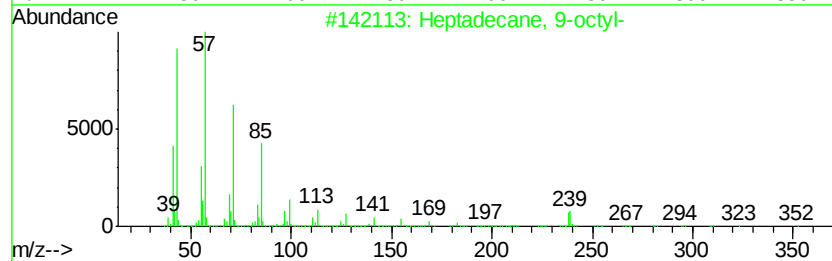
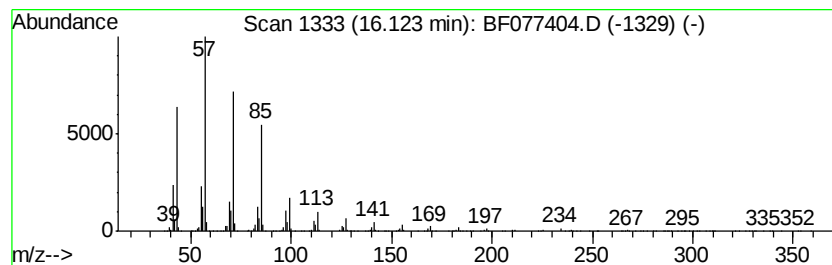
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 9-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	48.45 ng	3143080	Chrysene-d12	16.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2		Nonadecane	268	C19H40	000629-92-5	93
3		Tetracosane	338	C24H50	000646-31-1	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077404.D
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Misc :
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Instrument :
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ClientSampleId :
HF-4

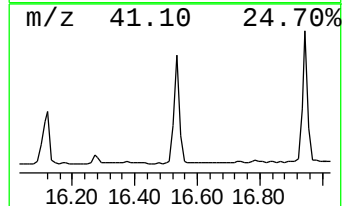
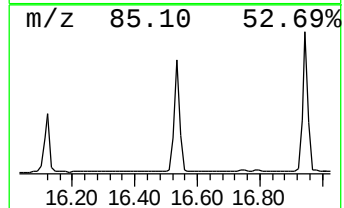
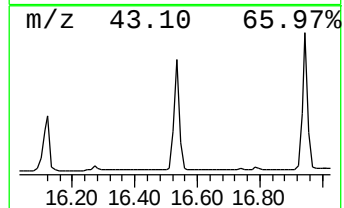
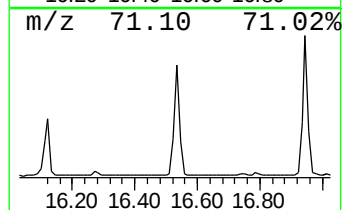
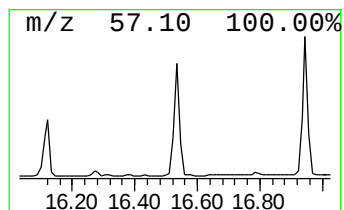
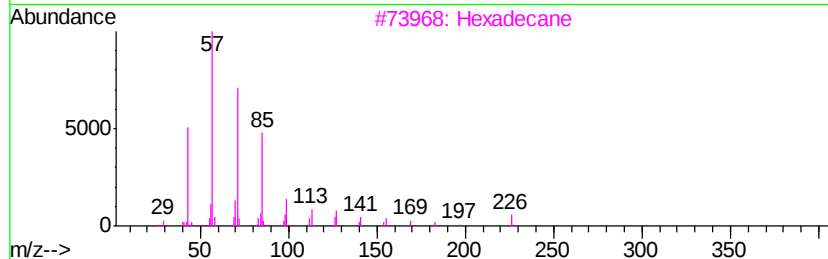
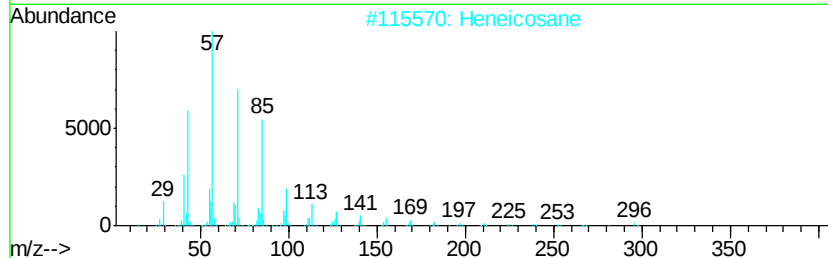
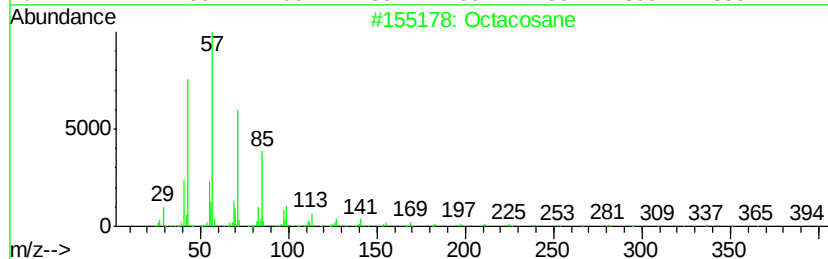
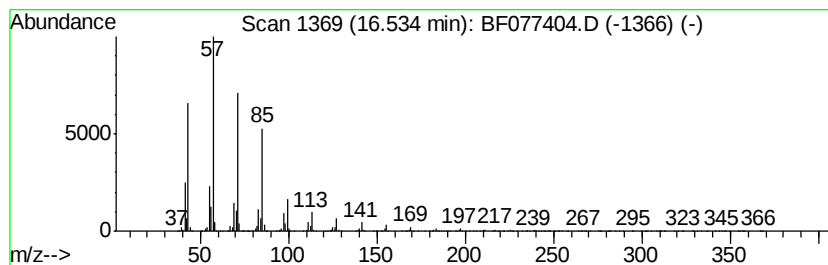
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	78.59 ng	5097850	Chrysene-d12	16.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Tetratetracontane	619	C44H90	007098-22-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
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Instrument :
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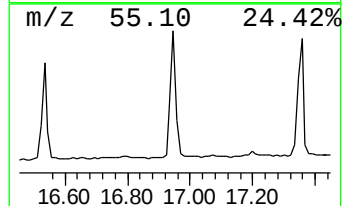
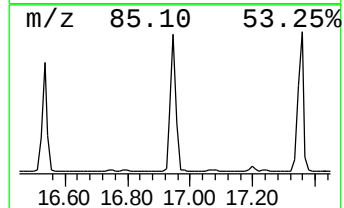
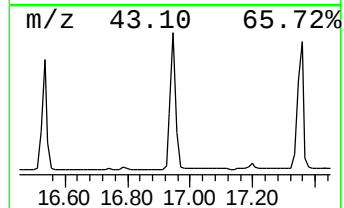
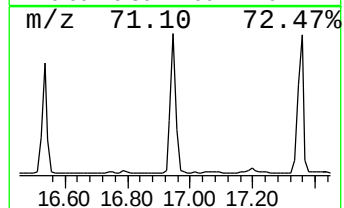
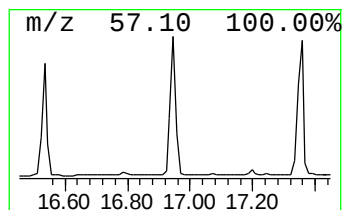
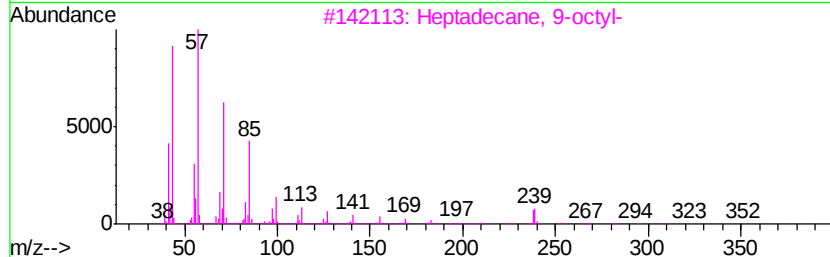
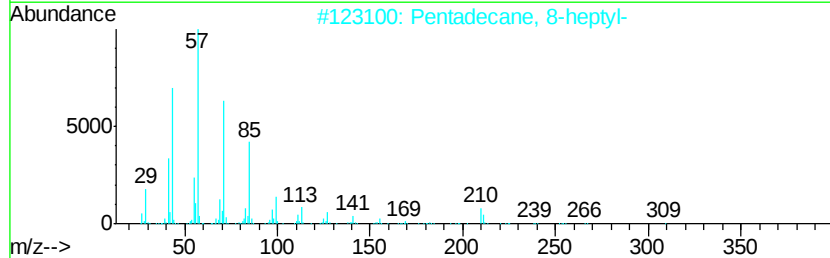
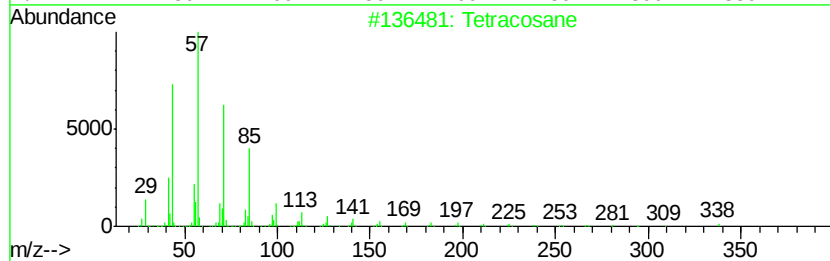
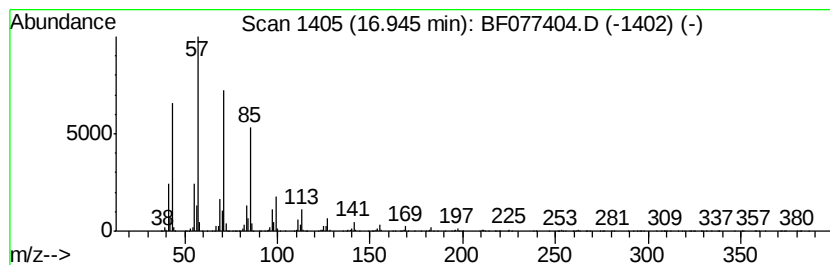
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 13 Pentadecane, 8-heptyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	105.15 ng	6821210	Chrysene-d12	16.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077404.D
Acq On : 23 Feb 2015 14:44
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HF-4

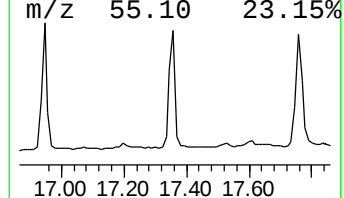
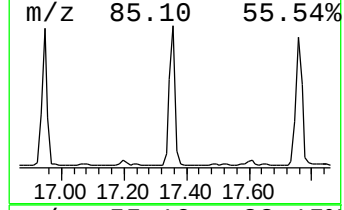
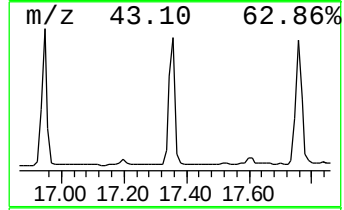
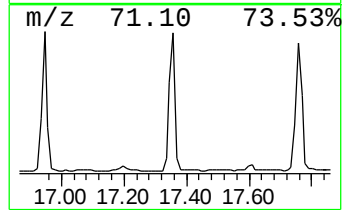
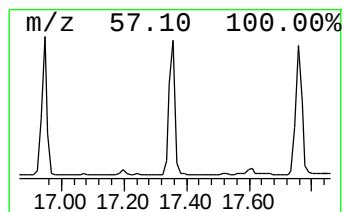
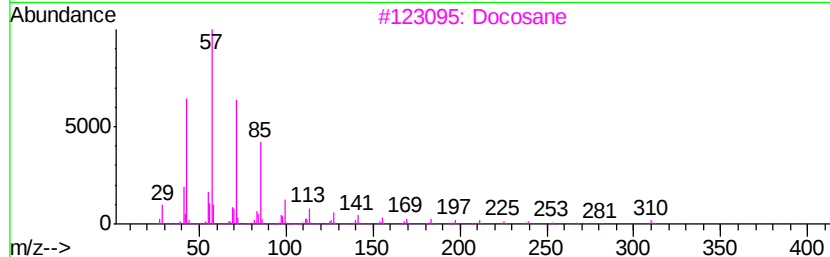
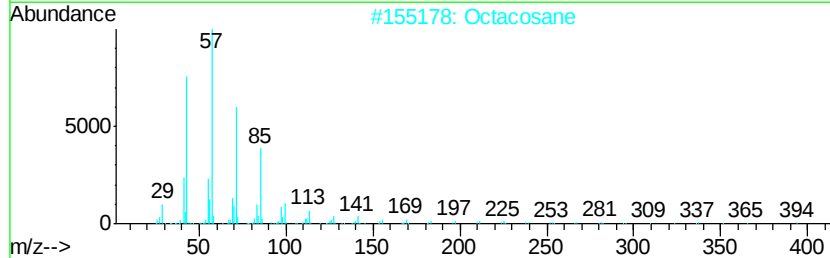
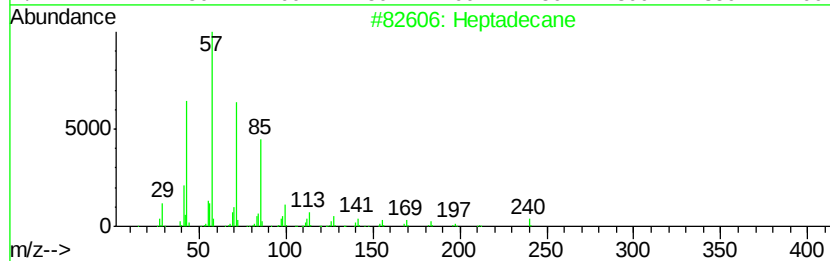
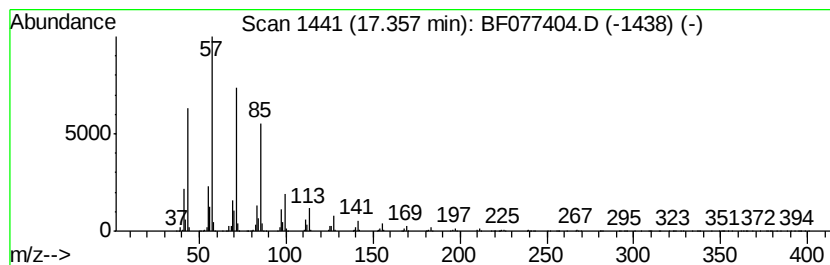
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	83.87 ng	6815630	Perylene-d12	18.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Octacosane	394	C28H58	000630-02-4	91
3		Docosane	310	C22H46	000629-97-0	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
Data File : BF077404.D
Acq On : 23 Feb 2015 14:44
Operator : TP/IZ
Sample : G1332-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HF-4

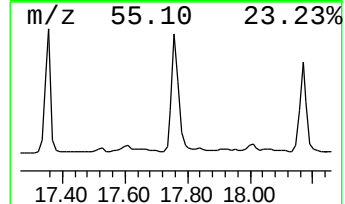
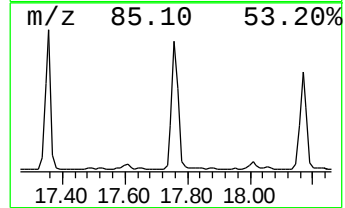
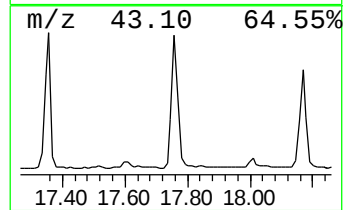
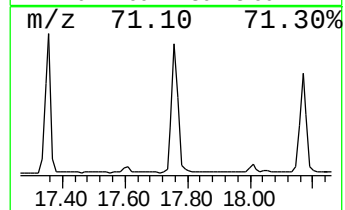
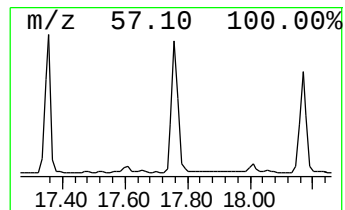
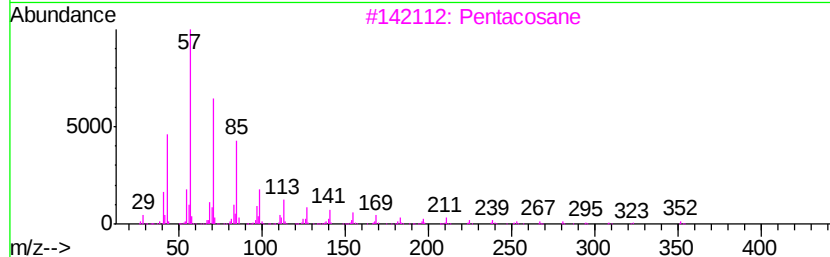
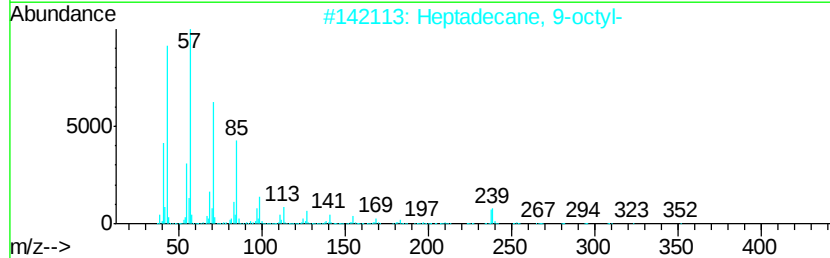
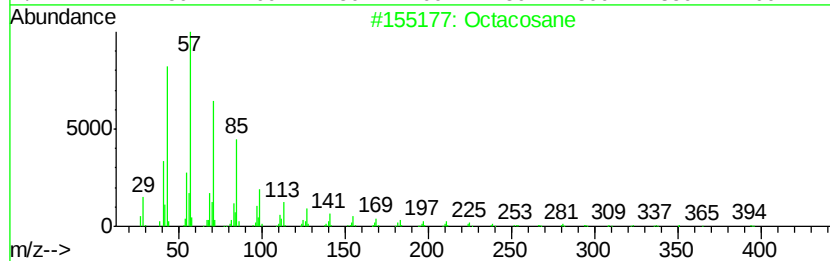
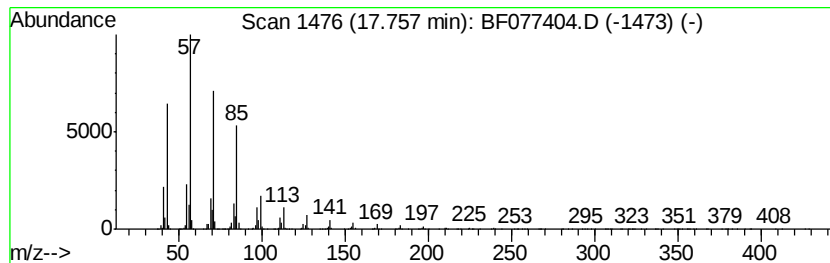
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	96.60 ng	7850720	Perylene-d12	18.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	97
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3		Pentacosane	352	C25H52	000629-99-2	95
4		Tetracosane	338	C24H50	000646-31-1	94
5		Docosane	310	C22H46	000629-97-0	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
Data File : BF077404.D
Acq On : 23 Feb 2015 14:44
Operator : TP/IZ
Sample : G1332-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HF-4

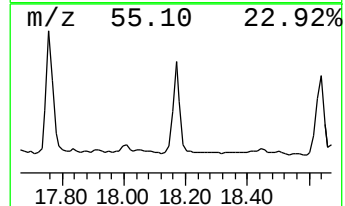
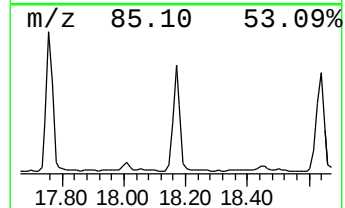
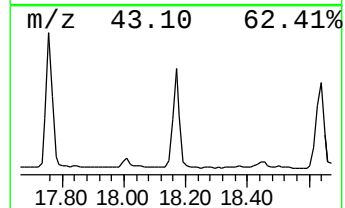
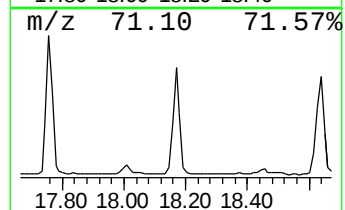
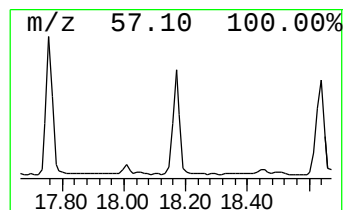
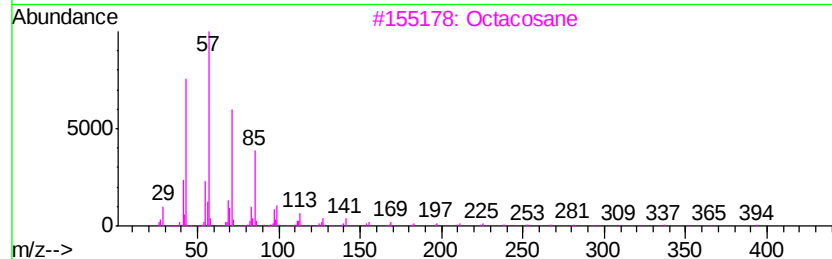
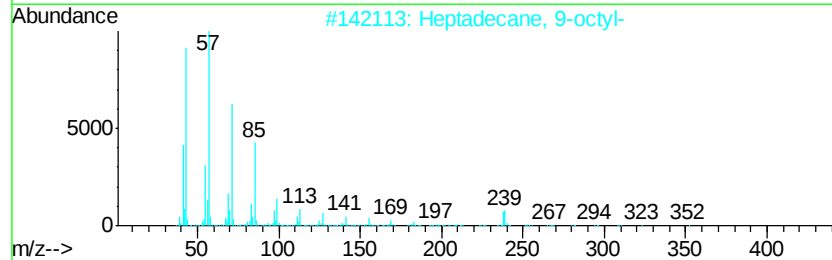
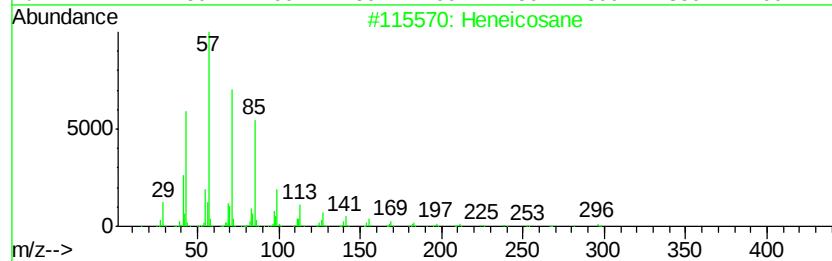
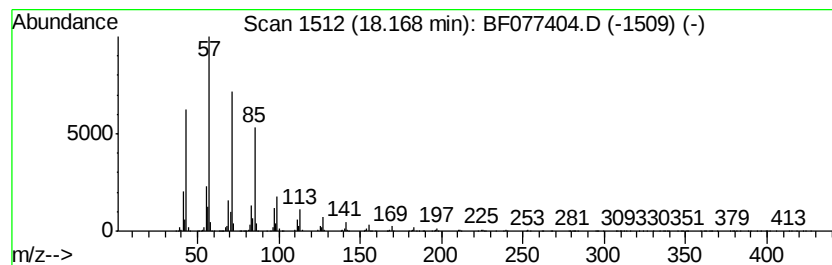
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	71.77 ng	5832690	Perylene-d12	18.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077404.D
Acq On : 23 Feb 2015 14:44
Operator : TP/IZ
Sample : G1332-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

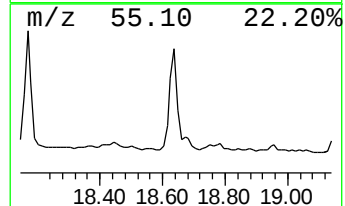
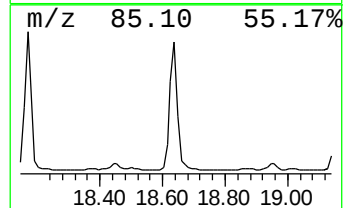
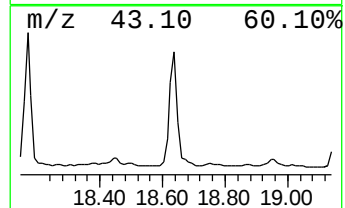
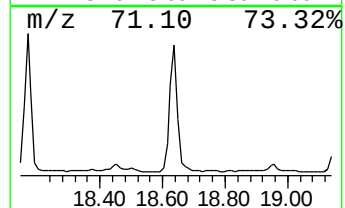
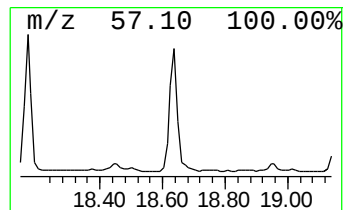
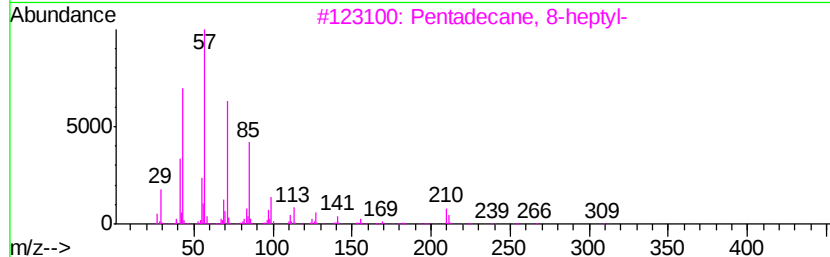
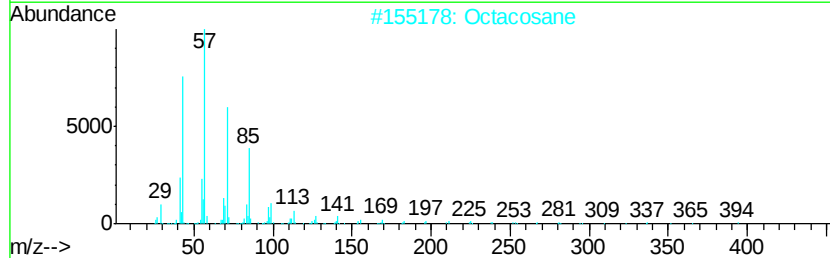
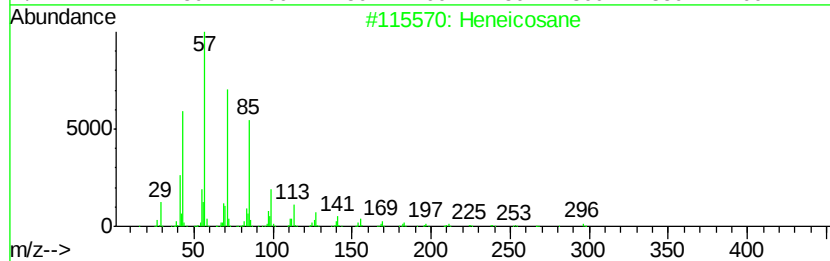
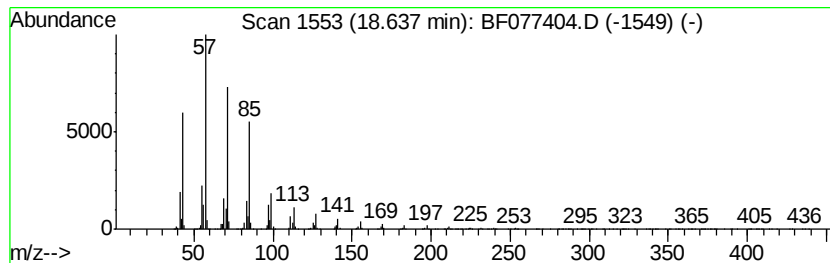
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ClientSampleId :
HF-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	72.93 ng	5926490	Perylene-d12	18.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	93
2	Octacosane	394 C28H58	000630-02-4	91
3	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	91
4	Hexacosane	366 C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077404.D
Acq On : 23 Feb 2015 14:44
Operator : TP/IZ
Sample : G1332-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HF-4

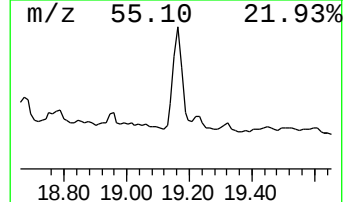
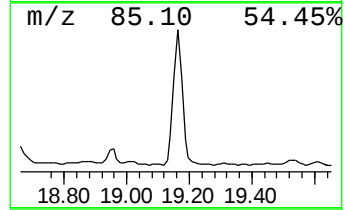
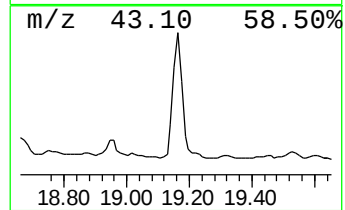
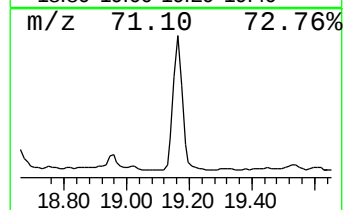
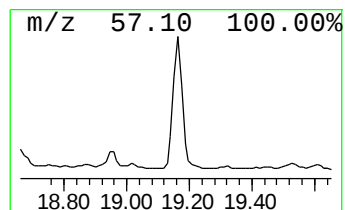
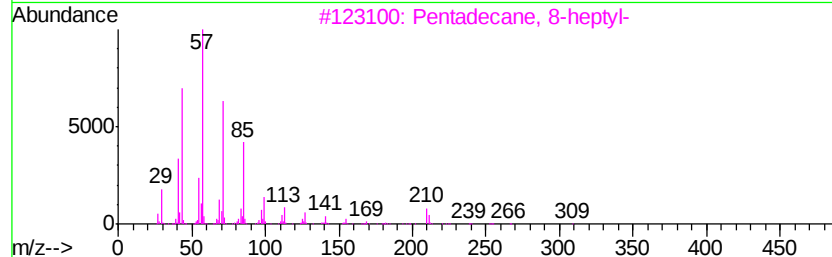
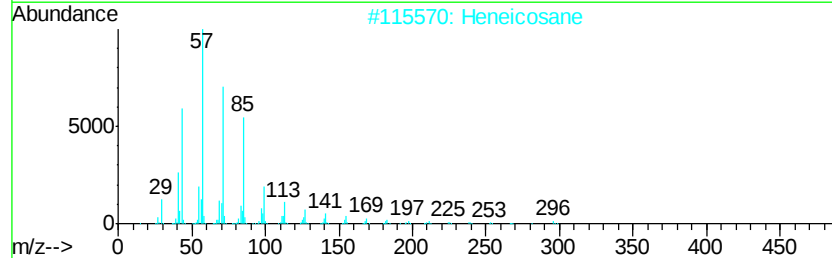
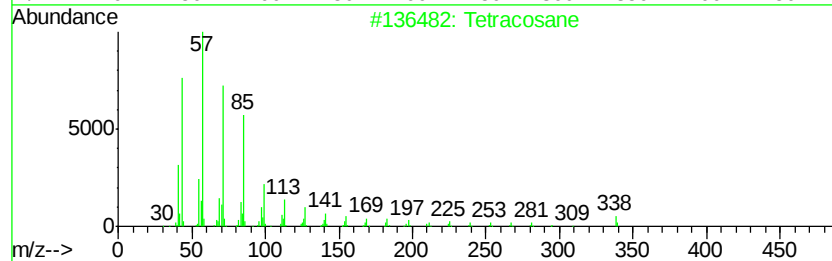
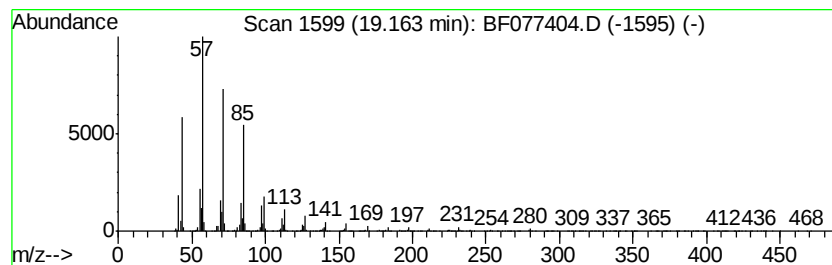
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Docosane, 11-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	45.44 ng	3692720	Perylene-d12	18.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Heneicosane	296	C21H44	000629-94-7	93
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077404.D
Acq On : 23 Feb 2015 14:44
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Sample : G1332-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HF-4

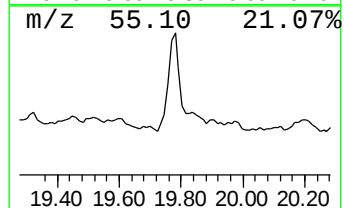
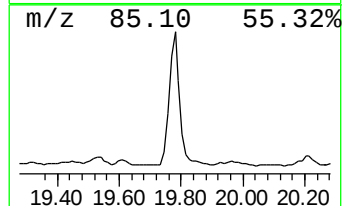
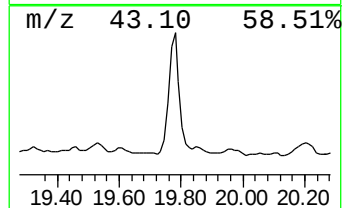
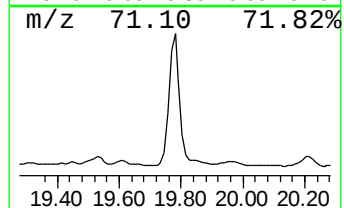
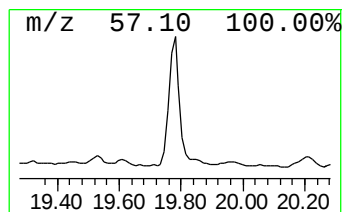
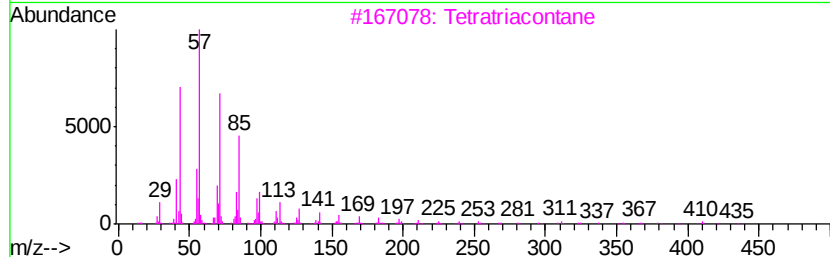
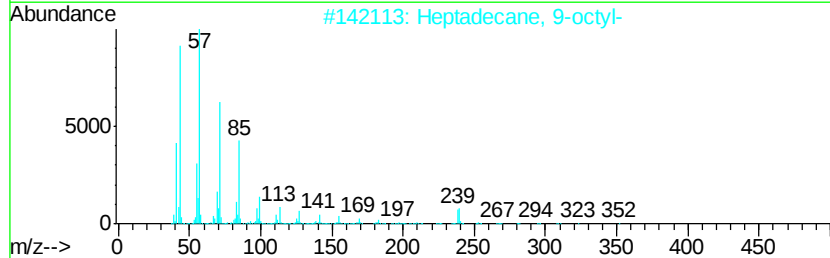
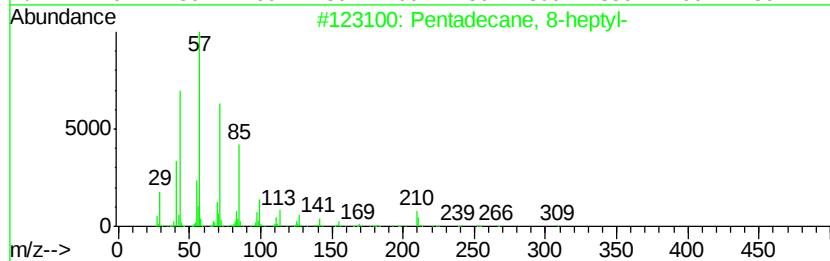
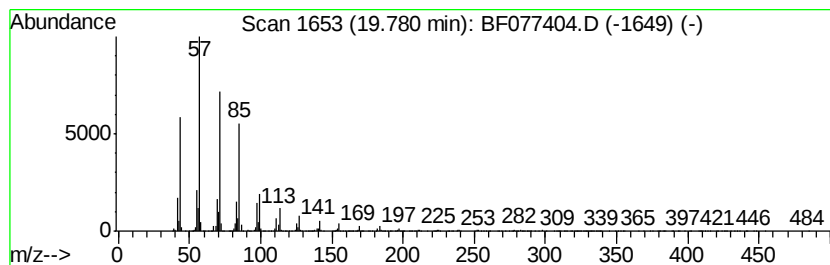
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetratriacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	35.84 ng	2912350	Perylene-d12	18.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Tetratriacontane	479	C34H70	014167-59-0	87
4		Octadecane	254	C18H38	000593-45-3	87
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077404.D
Acq On : 23 Feb 2015 14:44
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HF-4

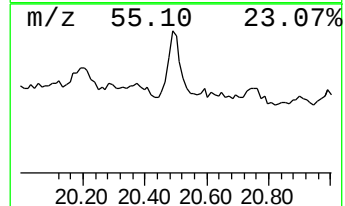
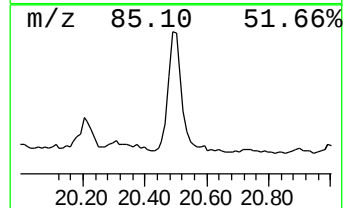
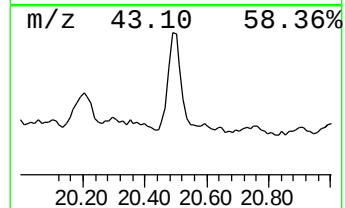
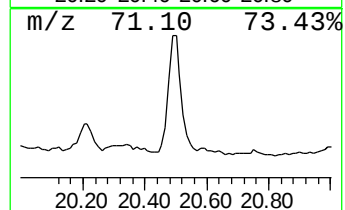
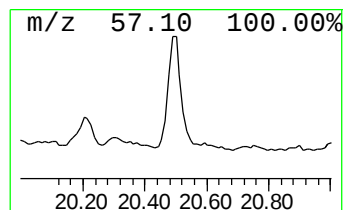
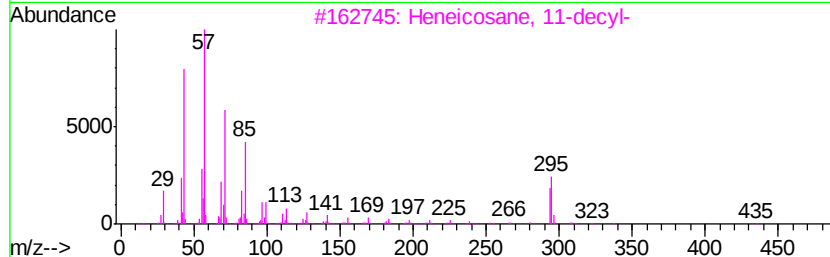
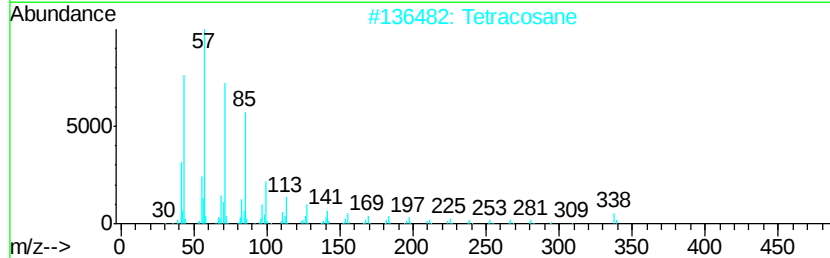
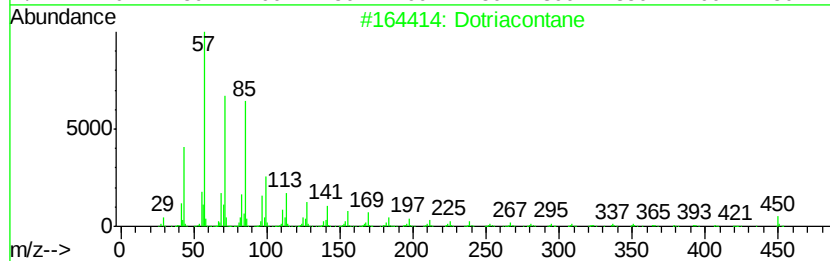
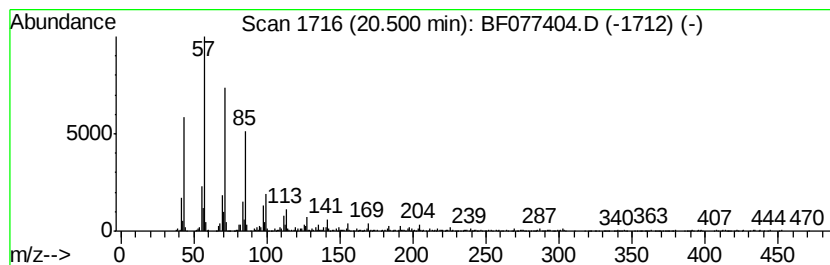
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dotriacontane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	14.85 ng	1207210	Perylene-d12	18.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontane	451	C32H66	000544-85-4	95
2		Tetracosane	338	C24H50	000646-31-1	94
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
4		Pentacosane	352	C25H52	000629-99-2	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
 Data File : BF077404.D
 Acq On : 23 Feb 2015 14:44
 Operator : TP/IZ
 Sample : G1332-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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
unknown1.50	1.50	318.1	ng	9285530	1	7.33	583890	20.0
Butane, 2-methoxy...	1.81	11.1	ng	322481	1	7.33	583890	20.0
2-Pentanone, 4-hy...	5.13	19.0	ng	555951	1	7.33	583890	20.0
unknown7.04	7.04	76.6	ng	2235380	1	7.33	583890	20.0
Dodecane, 2,6,11-...	12.27	5.0	ng	248585	4	12.93	991989	20.0
n-Hexadecanoic acid	13.64	6.9	ng	341392	4	12.93	991989	20.0
10,18-Bisnorabiet...	14.51	11.3	ng	561191	4	12.93	991989	20.0
Tetracosane	15.70	9.8	ng	637411	5	16.24	1297370	20.0
Heptadecane, 9-oc...	16.12	48.5	ng	3143080	5	16.24	1297370	20.0
Octacosane	16.53	78.6	ng	5097850	5	16.24	1297370	20.0
Pentadecane, 8-he...	16.95	105.2	ng	6821210	5	16.24	1297370	20.0
Heptadecane	17.36	83.9	ng	6815630	6	18.02	1625340	20.0
Pentacosane	17.76	96.6	ng	7850720	6	18.02	1625340	20.0
Heneicosane	18.17	71.8	ng	5832690	6	18.02	1625340	20.0
Hexacosane	18.64	72.9	ng	5926490	6	18.02	1625340	20.0
Docosane, 11-butyl-	19.16	45.4	ng	3692720	6	18.02	1625340	20.0
Tetratriacontane	19.78	35.8	ng	2912350	6	18.02	1625340	20.0
Dotriacontane	20.50	14.9	ng	1207210	6	18.02	1625340	20.0