

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070318\
 Data File : BF107112.D
 Acq On : 4 Jul 2018 5:45
 Operator : JU/SJ
 Sample : J3804-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GPW-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	5.178	480	483	493	rBV	44444	53882	4.26%	0.526%
2	5.596	551	554	569	rBV	556702	549739	43.48%	5.369%
3	6.601	722	725	742	rBV2	340631	404108	31.96%	3.947%
4	6.731	743	747	754	rBV	1024183	991795	78.44%	9.686%
5	6.954	781	785	788	rBV	398670	324226	25.64%	3.167%
6	7.001	789	793	801	rVB	15787	20428	1.62%	0.200%
7	7.113	808	812	815	rBV	991349	944136	74.67%	9.221%
8	7.519	877	881	888	rBV	767463	770553	60.95%	7.526%
9	8.048	967	971	975	rBV4	10572	19133	1.51%	0.187%
10	8.237	999	1003	1008	rBV	419733	375467	29.70%	3.667%
11	8.278	1008	1010	1017	rVB6	22051	32528	2.57%	0.318%
12	8.589	1060	1063	1065	rBV3	15357	20356	1.61%	0.199%
13	8.684	1072	1079	1081	rBV7	11879	23820	1.88%	0.233%
14	8.713	1081	1084	1088	rVB3	35285	40150	3.18%	0.392%
15	8.860	1107	1109	1111	rBV	21821	17513	1.39%	0.171%
16	8.907	1115	1117	1120	rVB3	21920	19216	1.52%	0.188%
17	8.948	1120	1124	1126	rBV2	42022	45904	3.63%	0.448%
18	8.972	1126	1128	1133	rVV4	24898	34010	2.69%	0.332%
19	9.042	1135	1140	1142	rBV5	24010	42790	3.38%	0.418%
20	9.078	1144	1146	1151	rVB4	23458	21619	1.71%	0.211%
21	9.131	1151	1155	1157	rBV4	26776	35572	2.81%	0.347%
22	9.160	1157	1160	1162	rBV4	16337	18211	1.44%	0.178%
23	9.236	1167	1173	1176	rBV4	33440	58892	4.66%	0.575%
24	9.272	1176	1179	1181	rBV2	36534	41344	3.27%	0.404%
25	9.313	1181	1186	1189	rBV	1382534	1264327	100.00%	12.348%
26	9.407	1198	1202	1205	rBV4	39344	52782	4.17%	0.515%
27	9.483	1212	1215	1216	rBV2	63760	59318	4.69%	0.579%
28	9.507	1216	1219	1223	rVB	113837	109041	8.62%	1.065%
29	9.654	1241	1244	1248	rBV4	54582	78837	6.24%	0.770%
30	9.701	1248	1252	1259	rVB	255782	270641	21.41%	2.643%
31	9.795	1265	1268	1273	rBV3	42245	75078	5.94%	0.733%
32	9.995	1299	1302	1306	rVB	368508	332798	26.32%	3.250%
33	10.801	1435	1439	1442	rBV	750607	692669	54.79%	6.765%
34	11.495	1554	1557	1562	rBV	379569	350481	27.72%	3.423%

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Stop Thrs : 0 Peak Location: TOP

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35	11.566	1567	1569	1573	rVV	84656	88028	6.96%	0.860%
36	12.030	1645	1648	1652	rVB3	143218	164985	13.05%	1.611%
37	13.083	1823	1827	1831	rBV	1245591	1233050	97.53%	12.043%
38	14.154	2006	2009	2015	rVB	359396	316044	25.00%	3.087%
39	15.689	2267	2270	2276	rVB	189095	245596	19.43%	2.399%

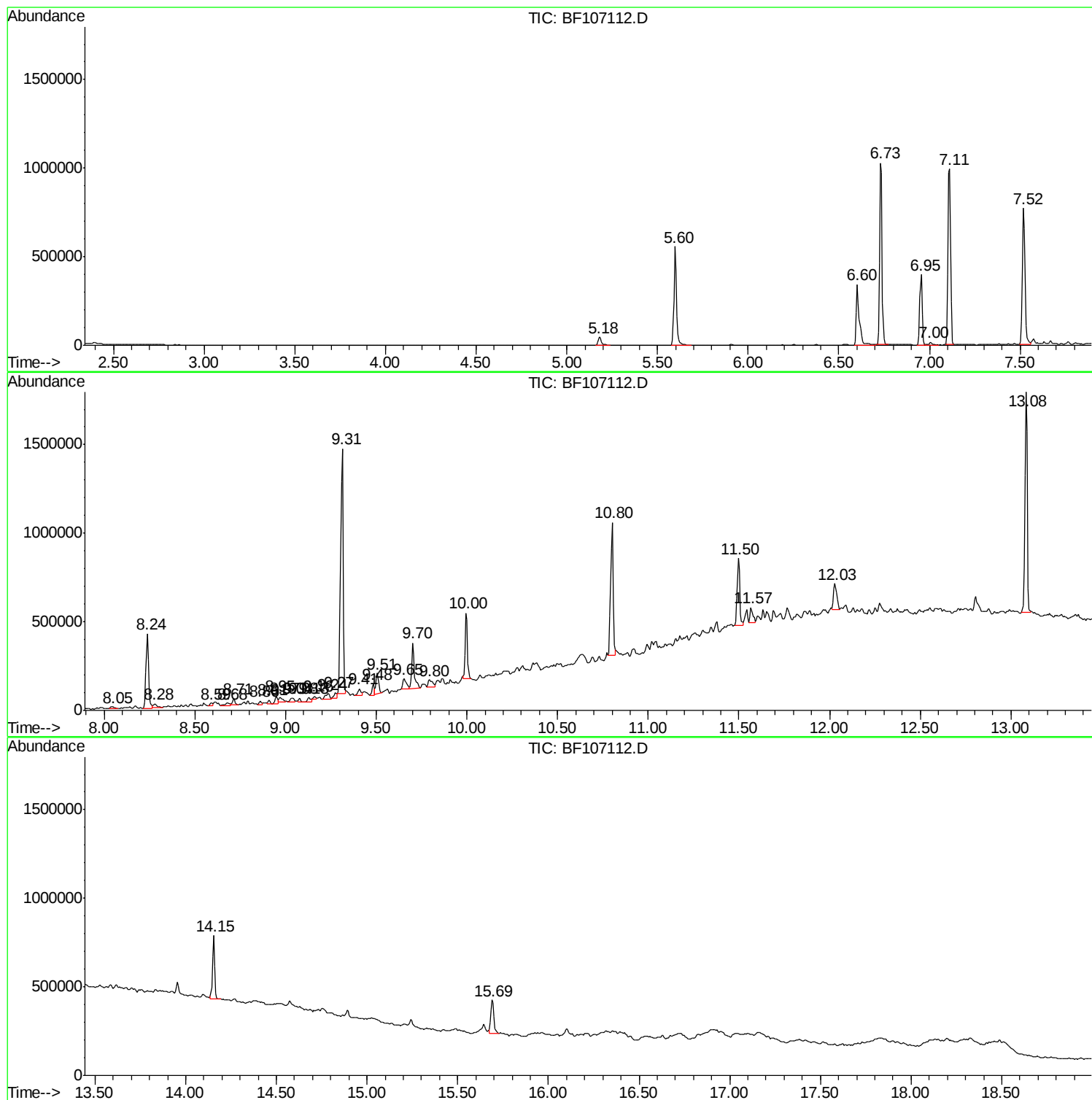
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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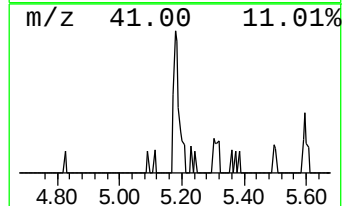
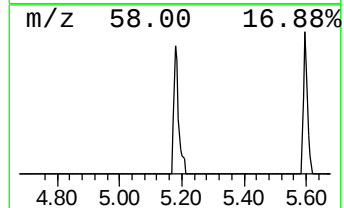
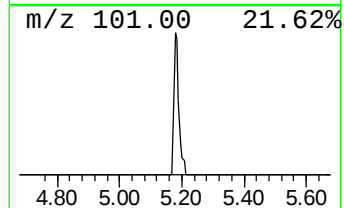
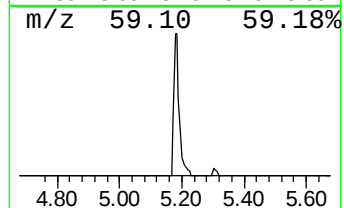
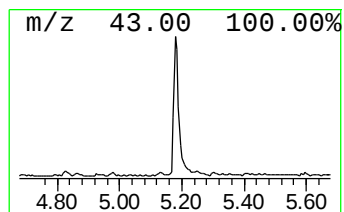
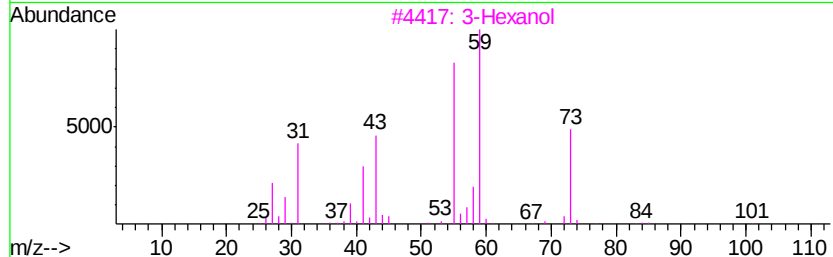
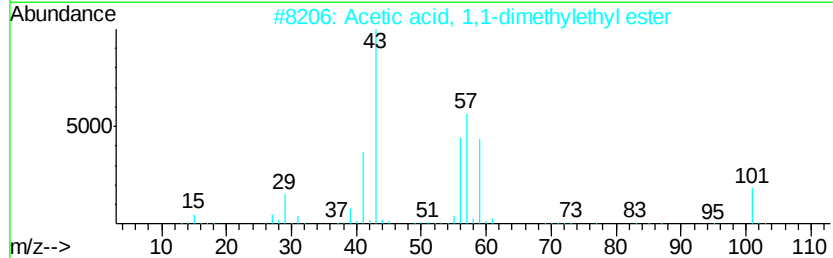
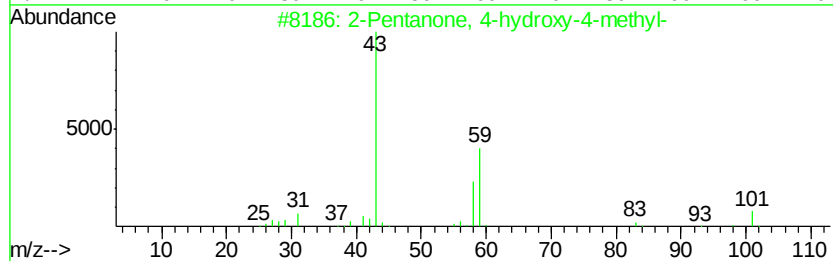
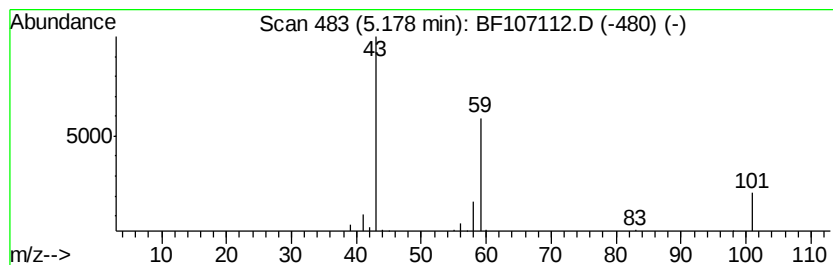
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	3.32 ng	53882	1,4-Dichlorobenzene-d4	6.95

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol	102	C6H14O	000623-37-0	28
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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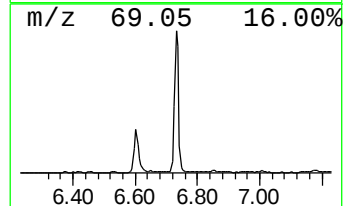
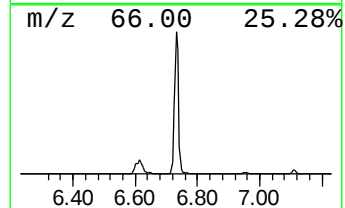
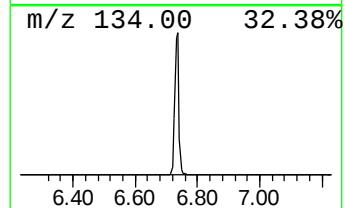
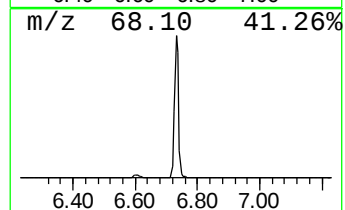
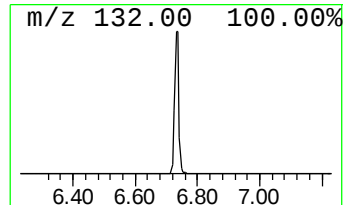
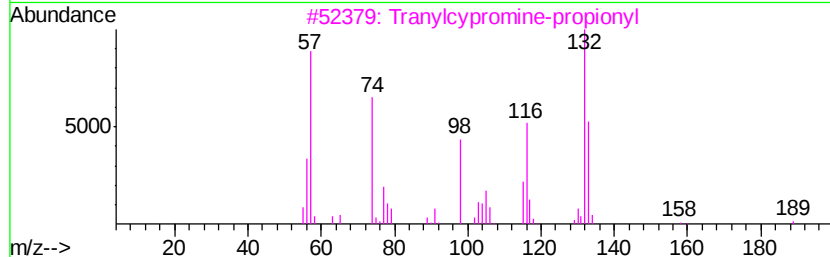
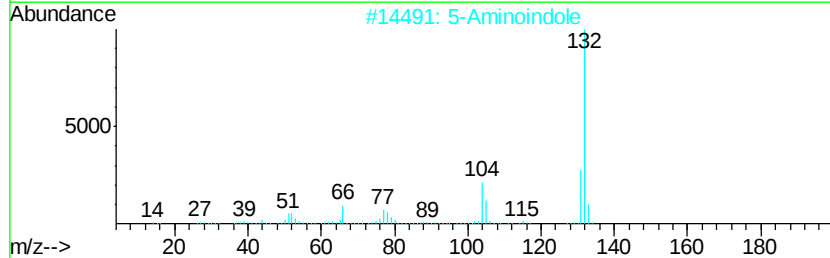
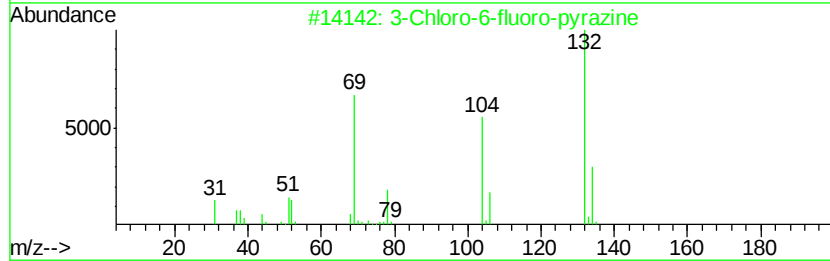
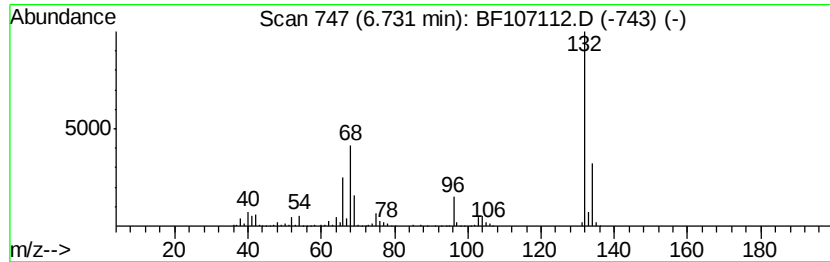
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	61.18 ng	991795	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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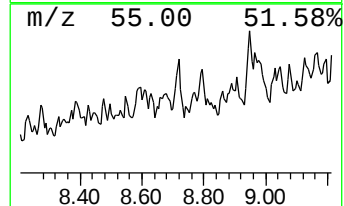
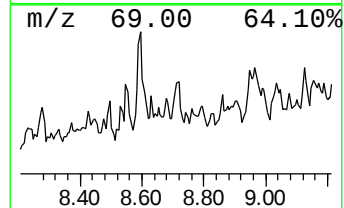
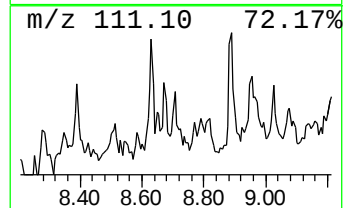
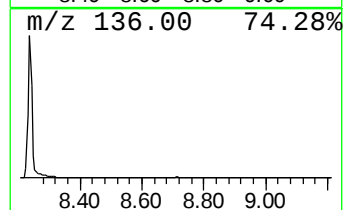
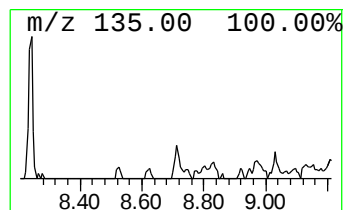
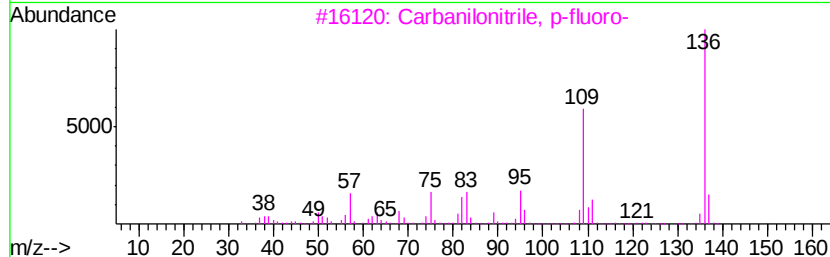
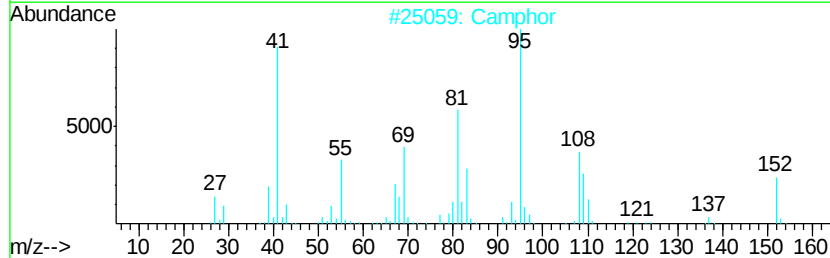
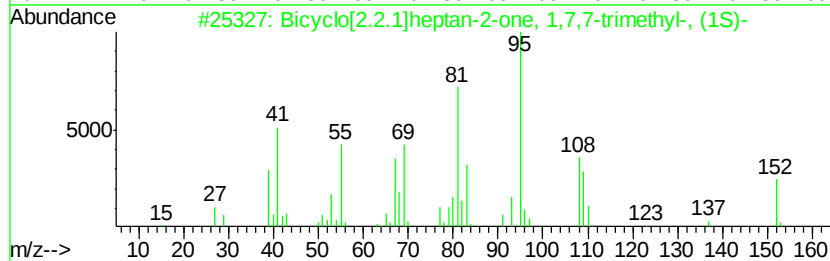
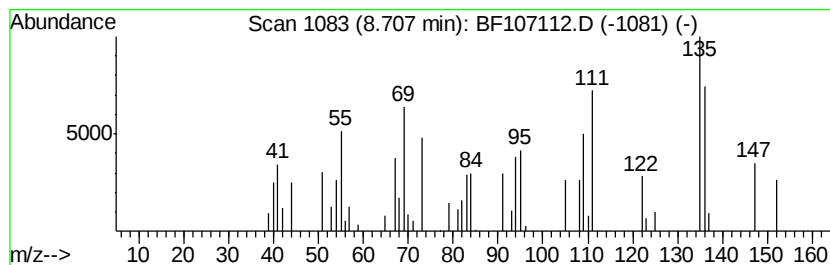
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown8.71 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	2.14 ng	40150	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	30
2		Camphor	152	C10H16O	000076-22-2	30
3		Carbanilonitrile, p-fluoro-	136	C7H5FN2	014213-19-5	27
4		2-Cyclohexen-1-ol, 2-methyl-5-(1...	152	C10H16O	001197-06-4	27
5		1(2H)-Naphthalenone, octahydro-,...	152	C10H16O	021370-71-8	25



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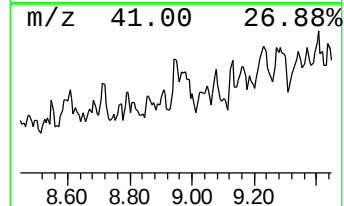
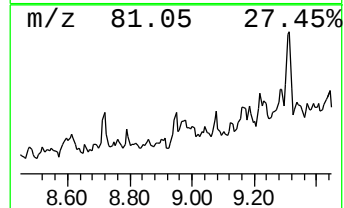
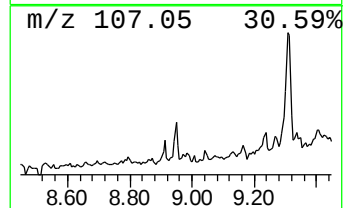
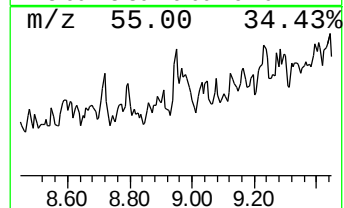
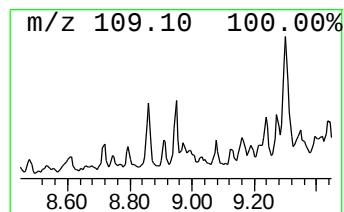
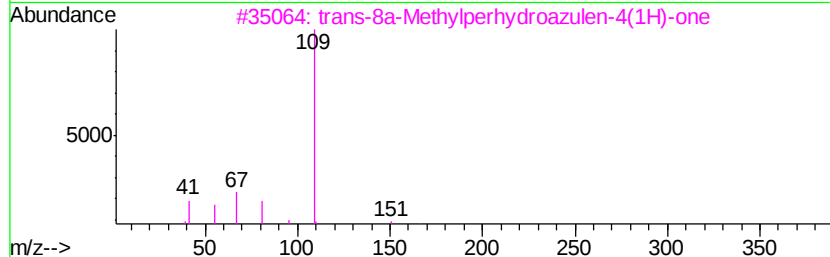
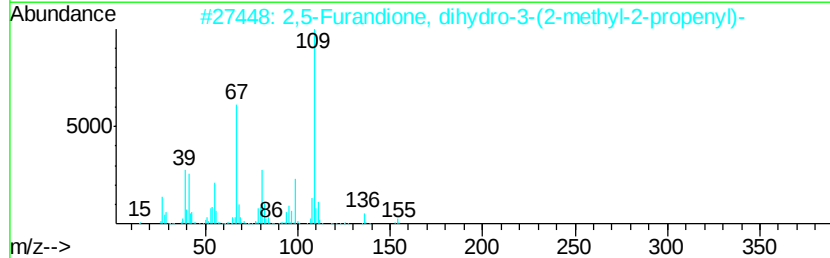
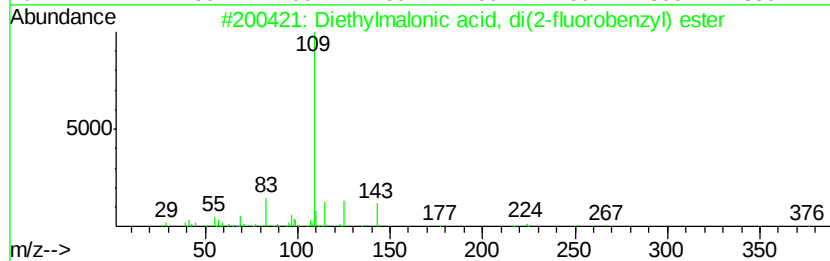
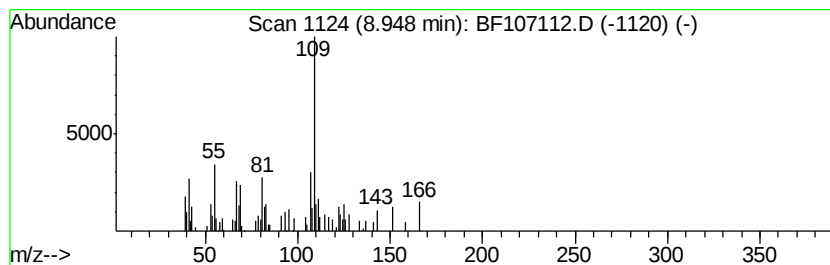
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Peak Number 5 unknown8.95 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	2.45 ng	45904	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethylmalonic acid, di(2-fluoro...	376	C21H22F2O4	1000369-29-3	47
2		2,5-Furandione, dihydro-3-(2-met...	154	C8H10O3	018908-20-8	47
3		trans-8a-Methylperhydroazulen-4(...	166	C11H18O	032166-45-3	46
4		Phenol, o-amino-	109	C6H7NO	000095-55-6	43
5		Phenol, 4-amino-	109	C6H7NO	000123-30-8	43



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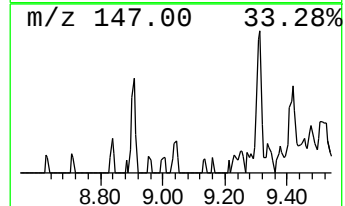
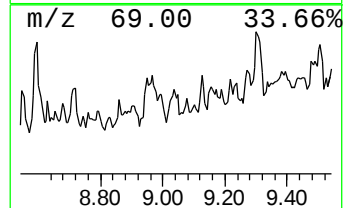
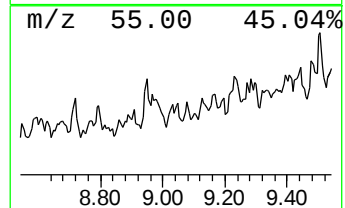
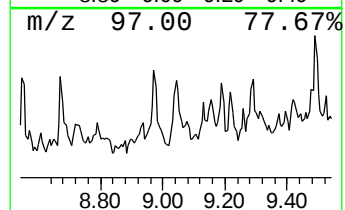
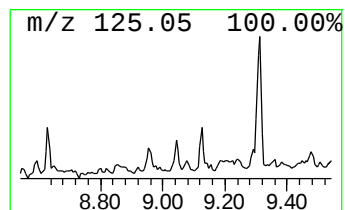
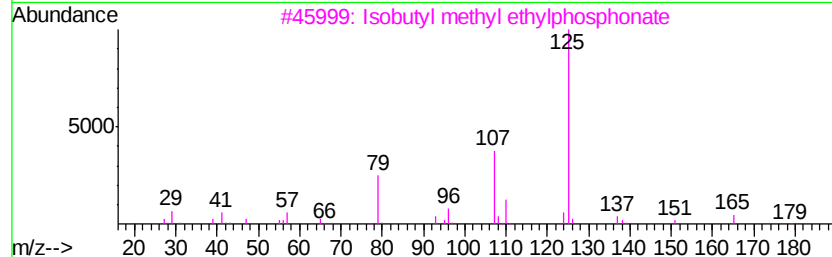
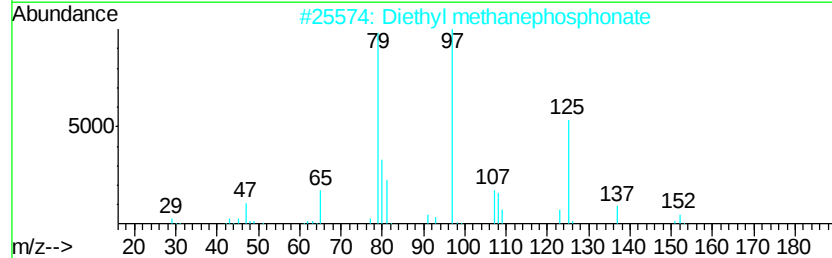
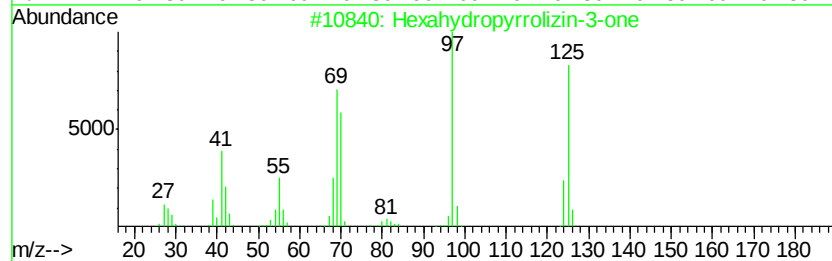
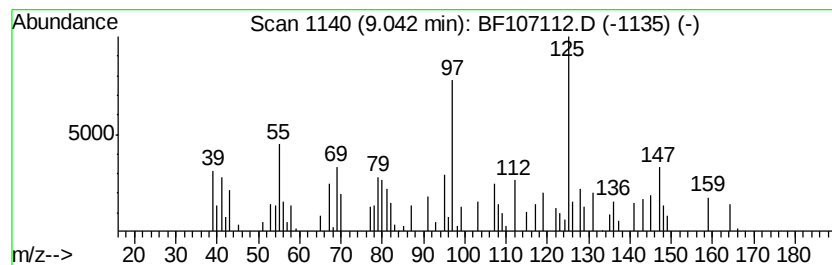
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Peak Number 6 unknown9.04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	2.28 ng	42790	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexahydropyrrolizin-3-one	125	C7H11NO	126424-83-7	32
2		Diethyl methanephosphonate	152	C5H13O3P	000683-08-9	32
3		Isobutyl methyl ethylphosphonate	180	C7H17O3P	170082-79-8	14
4		Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	14
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107112.D
Acq On : 4 Jul 2018 5:45
Operator : JU/SJ
Sample : J3804-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

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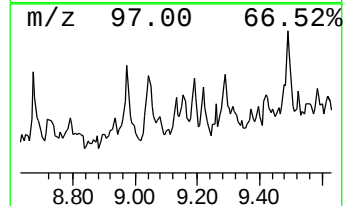
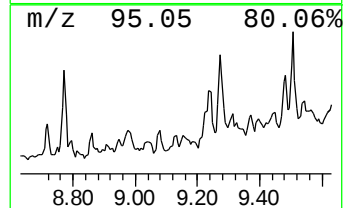
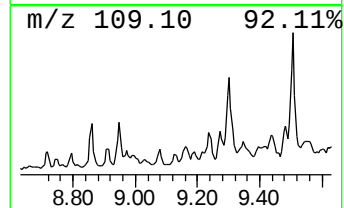
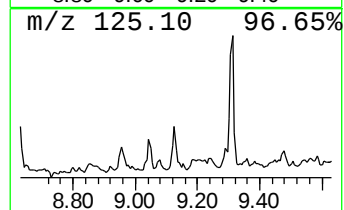
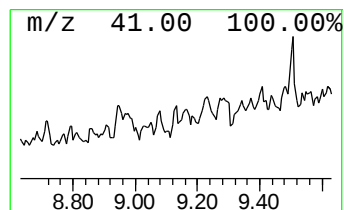
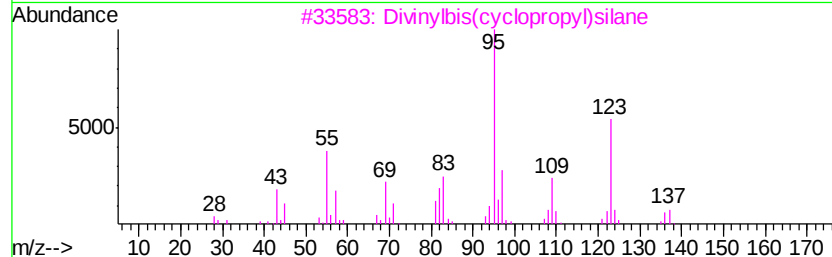
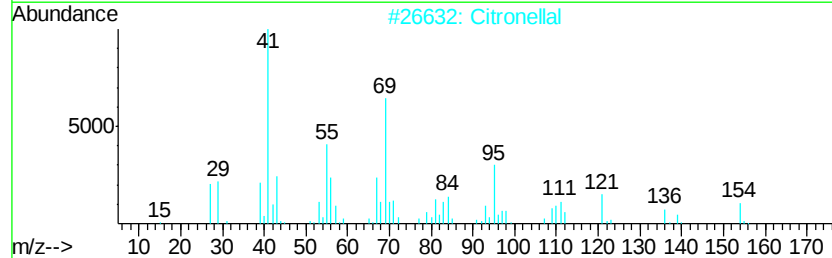
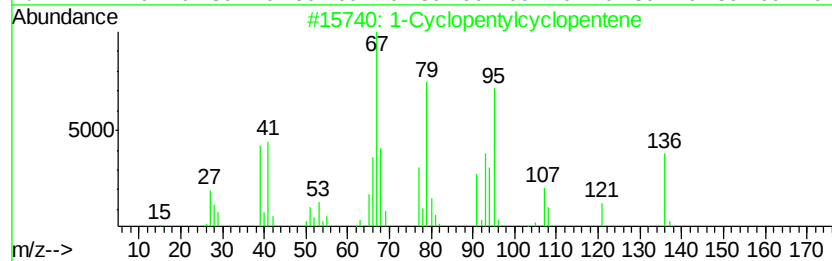
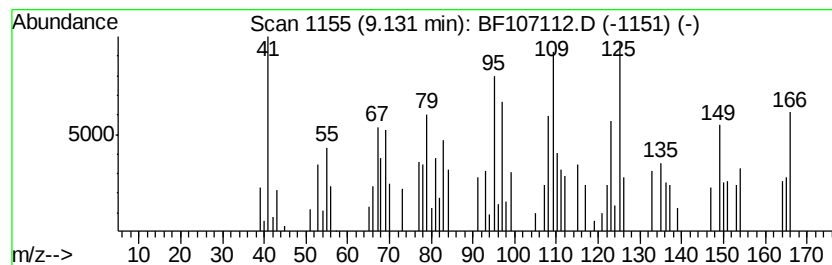
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown9.13 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	2.14 ng	35572	Acenaphthene-d10	10.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Cyclopentylcyclopentene	136	C10H16	004884-21-3	15
2			Citronellal	154	C10H18O	000106-23-0	15
3			Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	14
4			(4-Fluorophenyl) methanol, ethyl...	154	C9H11FO	1000374-63-4	14
5			8-Methylenecyclooctene-3,4-diol	154	C9H14O2	1000211-26-9	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107112.D
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Misc :
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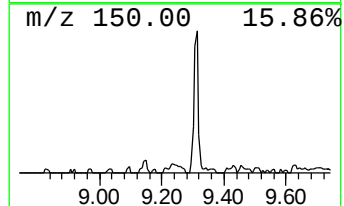
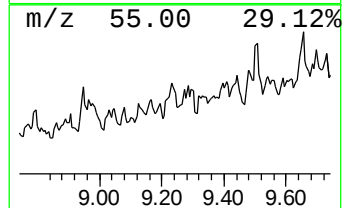
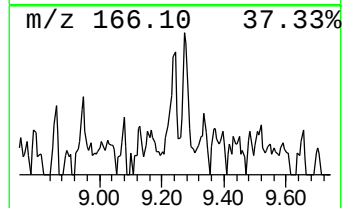
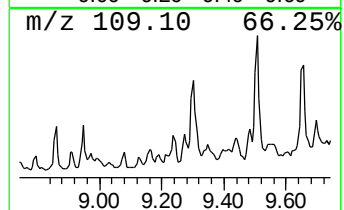
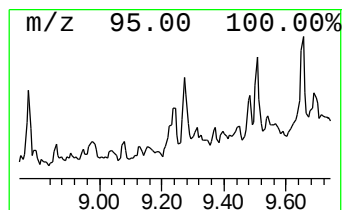
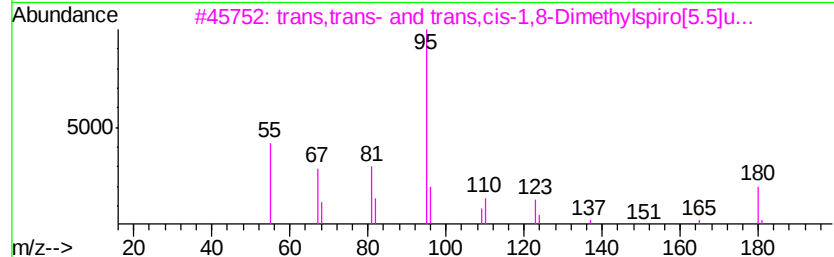
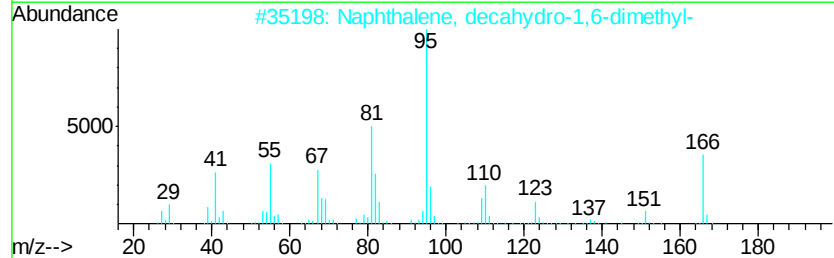
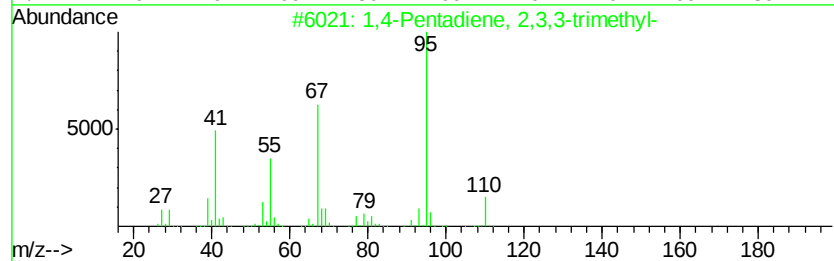
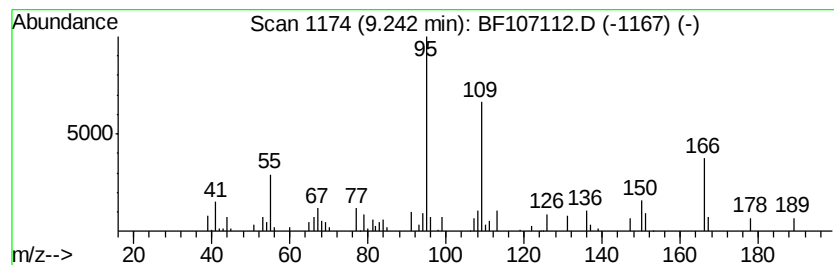
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown9.24 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	3.54 ng	58892	Acenaphthene-d10	10.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	35
2			Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	35
3			trans,trans- and trans,cis-1,8-D...	180	C13H24	1000111-73-2	15
4			Isoborneol	154	C10H18O	000124-76-5	14
5			Bicyclo[2.2.1]heptane-2-carboxal...	124	C8H12O	003574-55-8	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107112.D
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Sample : J3804-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

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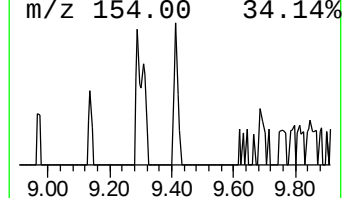
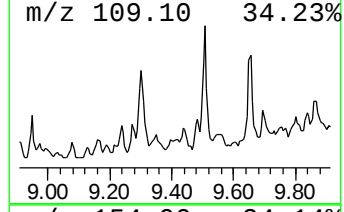
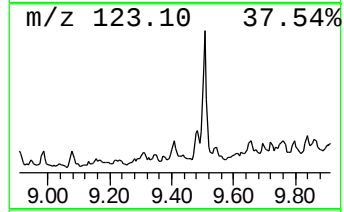
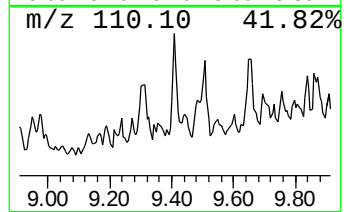
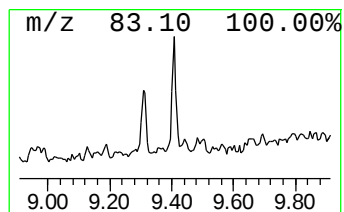
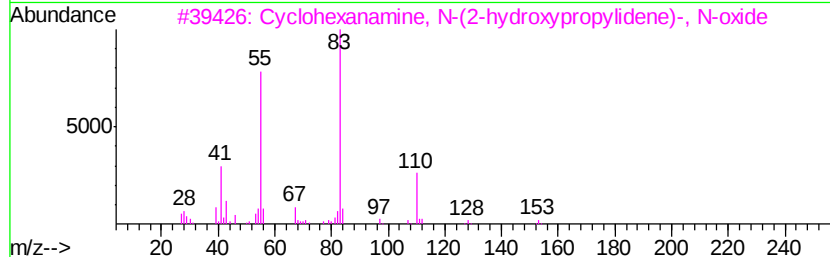
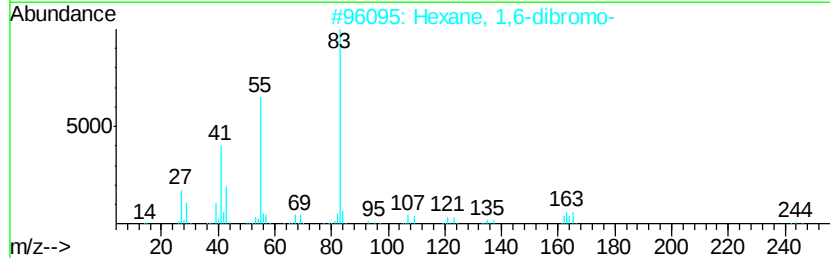
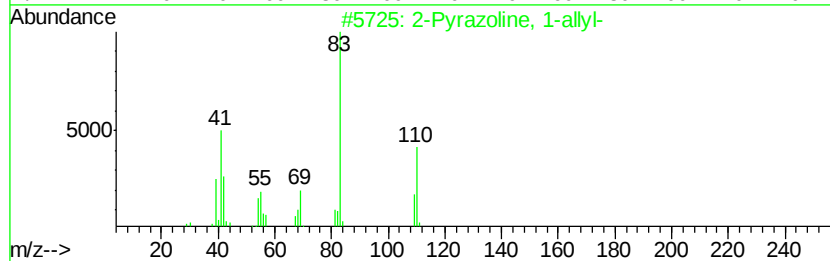
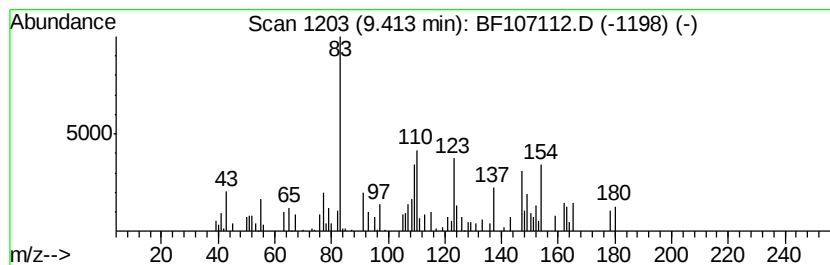
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown9.41 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	3.17 ng	52782	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pyrazoline, 1-allyl-	110	C6H10N2	019804-38-7	43
2		Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	32
3		Cyclohexanamine, N-(2-hydroxypropyl)-	171	C9H17NO2	160423-87-0	32
4		Benzeneacetic acid, cyclohexyl ester	218	C14H18O2	042288-75-5	25
5		Cyclopropane-1-carboxamide, 2-(2-oxoethyl)-	289	C14H21Cl2NO	297146-28-2	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
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Sample : J3804-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

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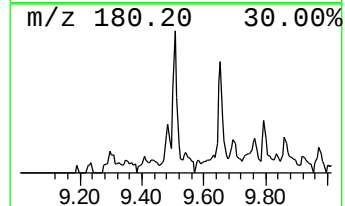
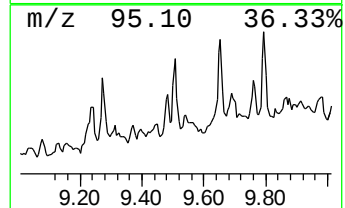
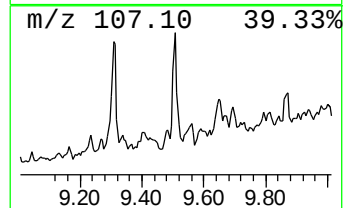
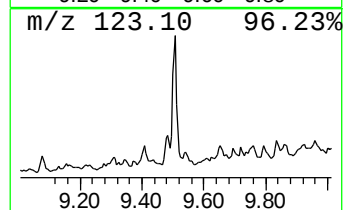
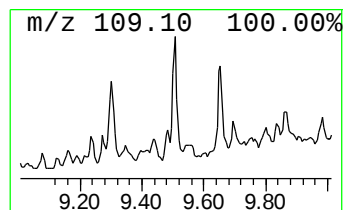
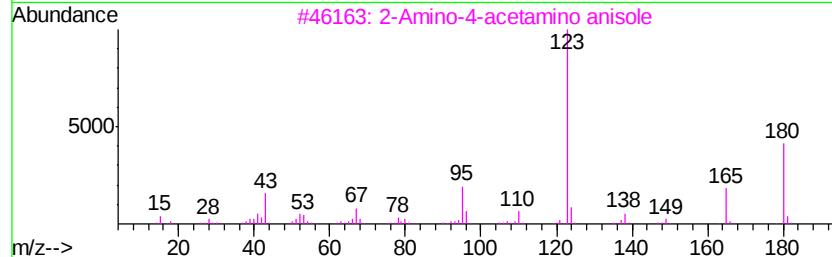
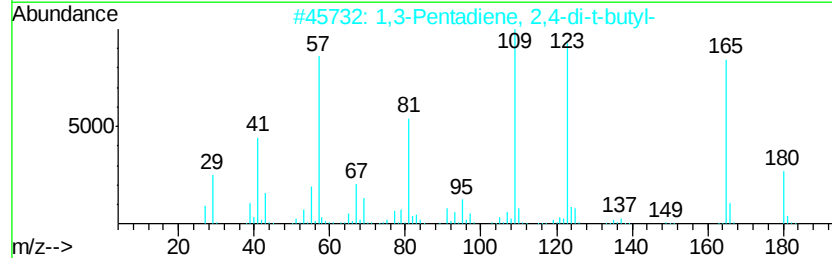
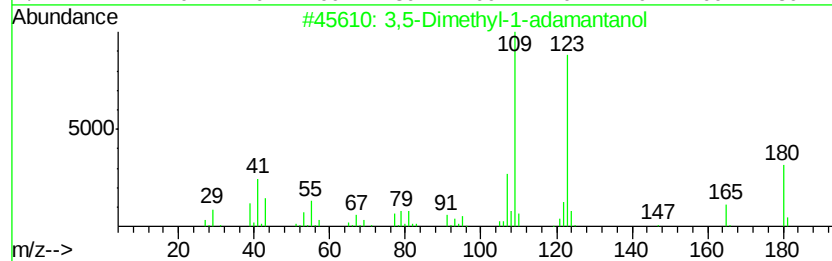
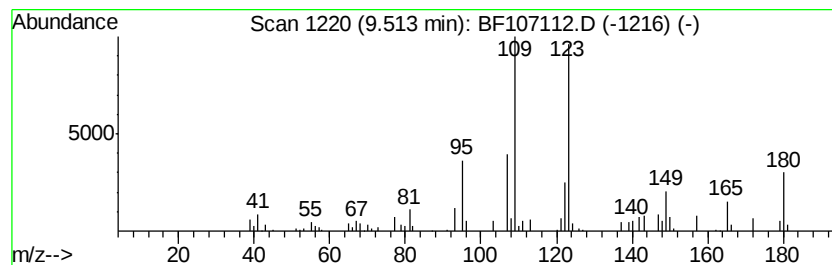
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 3,5-Dimethyl-1-adamantanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	6.55 ng	109041	Acenaphthene-d10	10.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	64
2			1,3-Pentadiene, 2,4-di-t-butyl-	180	C13H24	132850-21-6	50
3			2-Amino-4-acetamino anisole	180	C9H12N2O2	006375-47-9	46
4			(3-Fluorobenzoyl)carbamic acid 1...	301	C12H12FN05S	1000303-31-1	35
5			.alpha.-Chloro-p-fluoroacetophenone	172	C8H6ClFO	000456-04-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107112.D
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ALS Vial : 41 Sample Multiplier: 1

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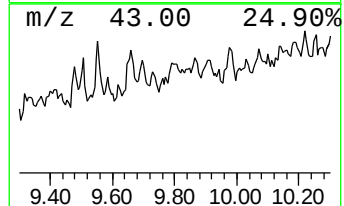
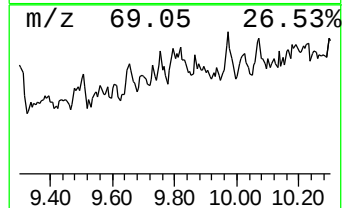
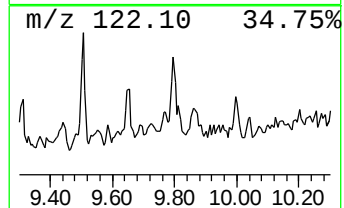
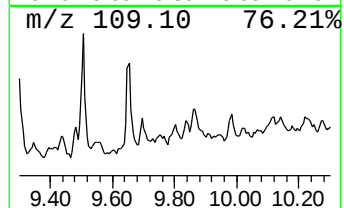
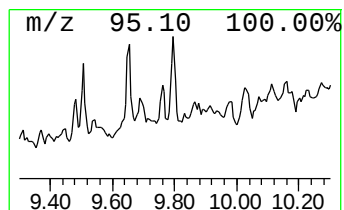
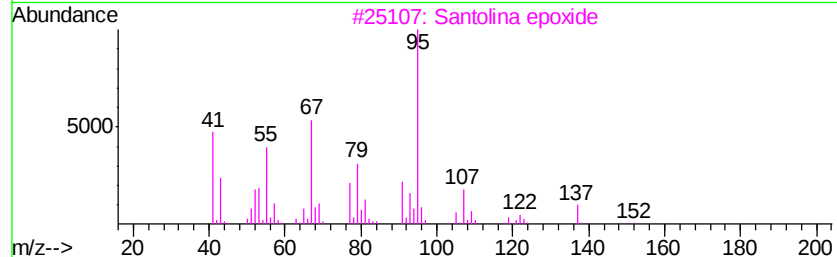
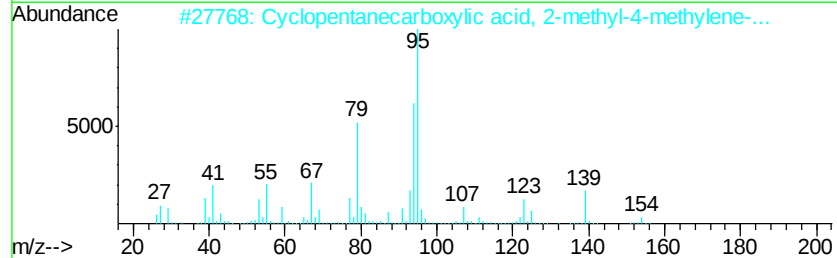
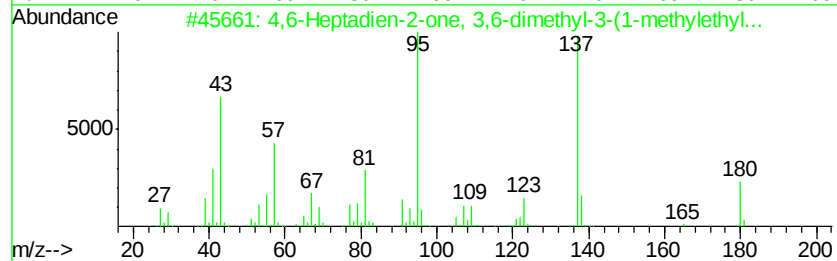
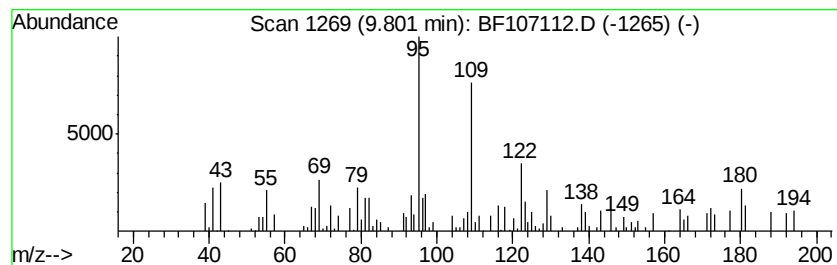
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 4,6-Heptadien-2-one, 3,6-di... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	4.51 ng	75078	Acenaphthene-d10	10.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,6-Heptadien-2-one, 3,6-dimethy...	180	C12H20O	077822-50-5	58
2			Cyclopentanecarboxylic acid, 2-m...	154	C9H14O2	074764-24-2	47
3			Santolina epoxide	152	C10H16O	060485-45-2	47
4			6-(5-Methyl-furan-2-yl)-hexan-2-one	180	C11H16O2	1000185-87-5	43
5			Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	001124-26-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
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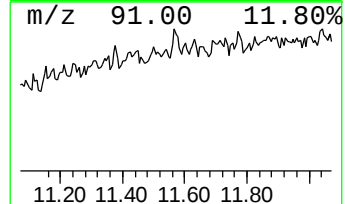
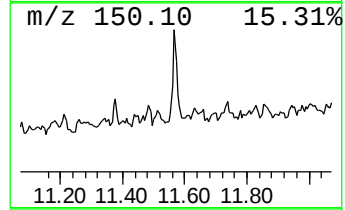
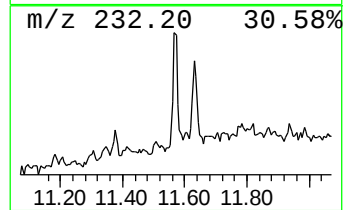
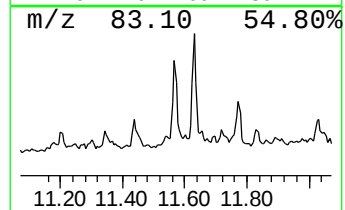
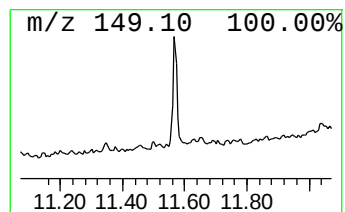
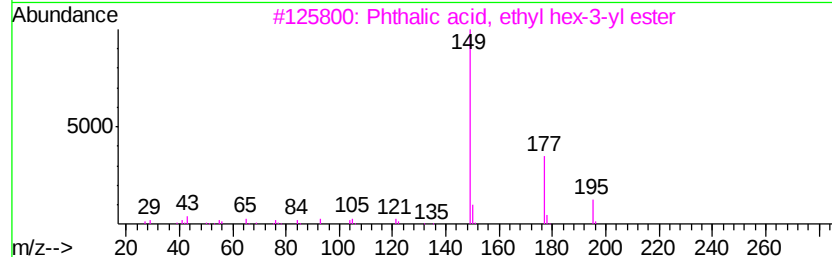
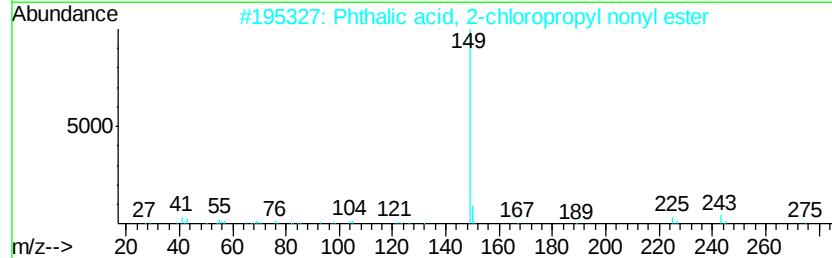
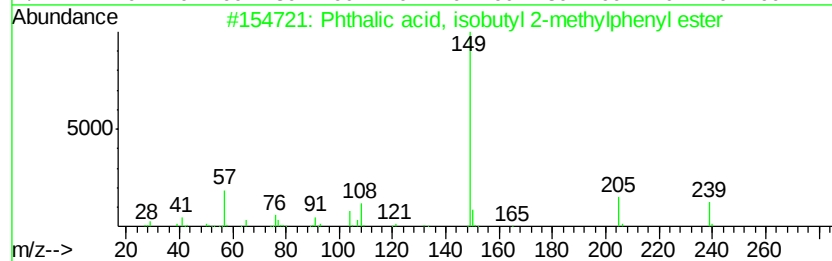
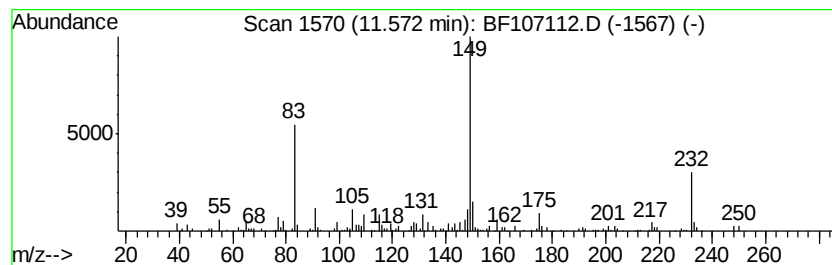
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown11.57 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	5.02 ng	88028	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, isobutyl 2-methyl...	312	C19H20O4	1000314-95-7	35
2		Phthalic acid, 2-chloropropyl no...	368	C20H29ClO4	1000356-83-0	32
3		Phthalic acid, ethyl hex-3-yl ester	278	C16H22O4	1000356-95-2	32
4		Dibutyl phthalate	278	C16H22O4	000084-74-2	32
5		4-Hydroxyphenylpyruvic acid, met...	208	C11H12O4	1000332-83-9	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107112.D
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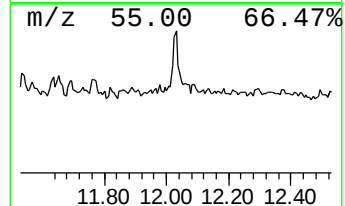
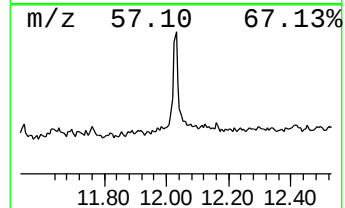
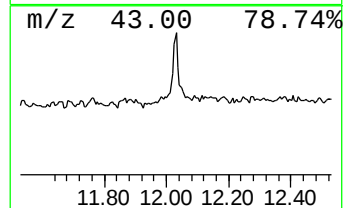
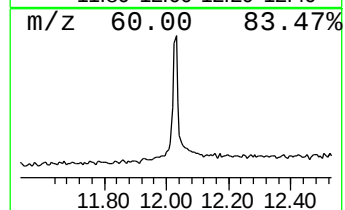
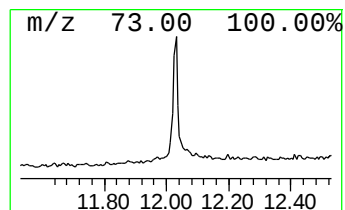
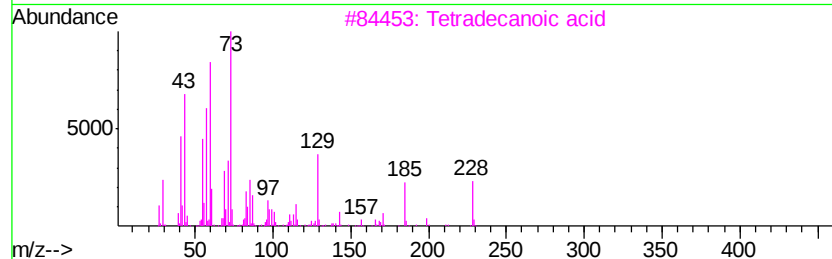
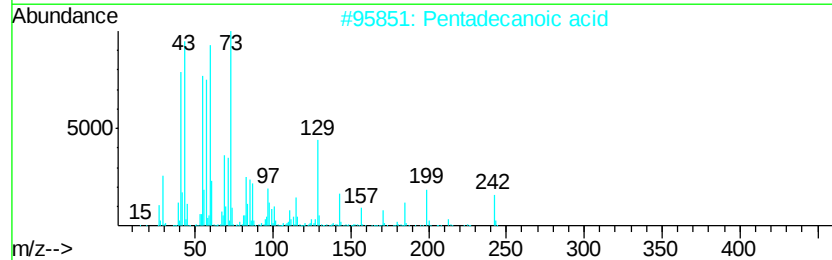
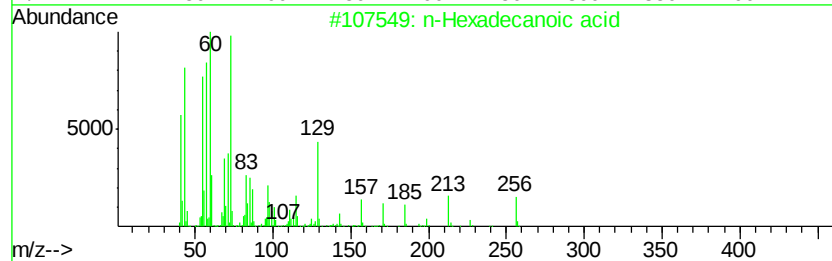
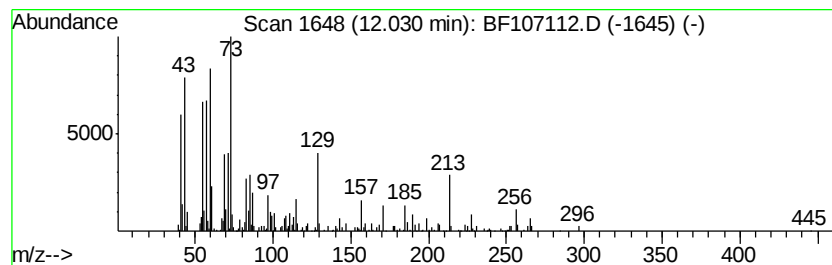
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	9.41 ng	164985	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			Undecanoic acid	186	C11H22O2	000112-37-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070318\
Data File : BF107112.D
Acq On : 4 Jul 2018 5:45
Operator : JU/SJ
Sample : J3804-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GPW-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	3.3	ng	53882	1	6.95	324226	20.0
unknown6.73	6.73	61.2	ng	991795	1	6.95	324226	20.0
unknown8.71	8.71	2.1	ng	40150	2	8.24	375467	20.0
unknown8.95	8.95	2.5	ng	45904	2	8.24	375467	20.0
unknown9.04	9.04	2.3	ng	42790	2	8.24	375467	20.0
unknown9.13	9.13	2.1	ng	35572	3	10.00	332798	20.0
unknown9.24	9.24	3.5	ng	58892	3	10.00	332798	20.0
unknown9.41	9.41	3.2	ng	52782	3	10.00	332798	20.0
3,5-Dimethyl-1-ad...	9.51	6.5	ng	109041	3	10.00	332798	20.0
4,6-Heptadien-2-o...	9.80	4.5	ng	75078	3	10.00	332798	20.0
unknown11.57	11.57	5.0	ng	88028	4	11.50	350481	20.0
n-Hexadecanoic acid	12.03	9.4	ng	164985	4	11.50	350481	20.0