

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
 Data File : BM012034.D
 Acq On : 10 Oct 2017 04:04
 Operator : SJ/JU
 Sample : I5533-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-77(1-3)-092817

Quant Time: Oct 10 07:36:23 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 02:27:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	141217	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	640809	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	413540	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1054648	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1574704	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1762857	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	10536	3.53	ng/uL	0.00
5) Phenol-d5	7.00	99	196454	16.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	130934	18.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	174882	17.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	149825	14.27	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	81924	17.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	88909	17.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	188378	18.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	152528	13.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	708446	19.77	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	820570	19.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	49755	7.95	ng/ul	0.00
57) Fluorene-d10	15.49	176	657867	20.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	78273	11.03	ng/ul	0.00
70) Anthracene-d10	17.33	188	1112798	21.41	ng/ul	0.00
76) Pyrene-d10	19.63	212	1537329	21.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1857170	21.90	ng/ul	0.00

Target Compounds

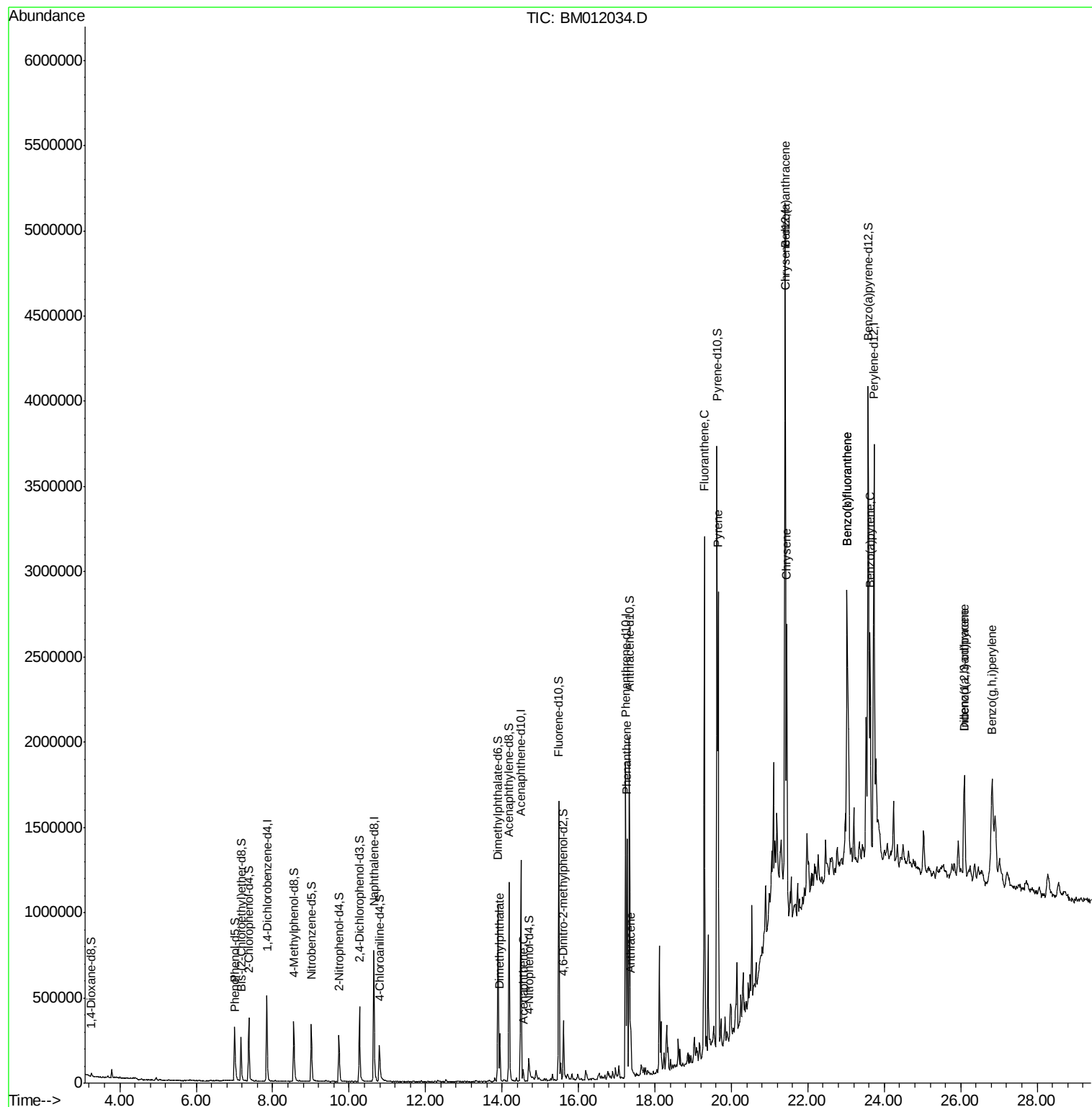
					Ovalue	
6) Phenol	7.03	94	22553	1.876	ng/ul	92
44) Dimethylphthalate	13.94	163	175334	5.085	ng/ul	98
49) Acenaphthene	14.56	153	29563	1.046	ng/ul	98
69) Phenanthrene	17.27	178	824604	14.214	ng/ul	99
71) Anthracene	17.37	178	188414	3.192	ng/ul	99
74) Fluoranthene	19.29	202	1738037	24.555	ng/ul#	90
77) Pyrene	19.66	202	1606507	18.399	ng/ul#	90
80) Benzo(a)anthracene	21.40	228	1018066	11.285	ng/ul	97
82) Chrysene	21.44	228	955874	11.152	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	1322922	12.346	ng/ul#	96
86) Benzo(k)fluoranthene	23.03	252	1322922	12.367	ng/ul#	94
88) Benzo(a)pyrene	23.63	252	981541	9.533	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	600606	5.451	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.10	278	147007	1.624	ng/ul#	83
91) Benzo(g,h,i)perylene	26.82	276	513222	5.631	ng/ul#	91

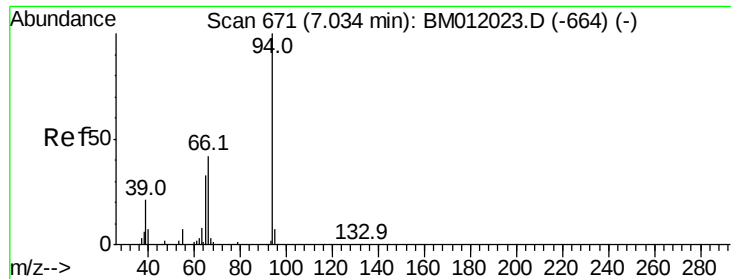
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 02:27:01 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.876 ng/ul

RT: 7.03 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Instrument :

BNA_M

ClientSampleId :

B-77(1-3)-092817

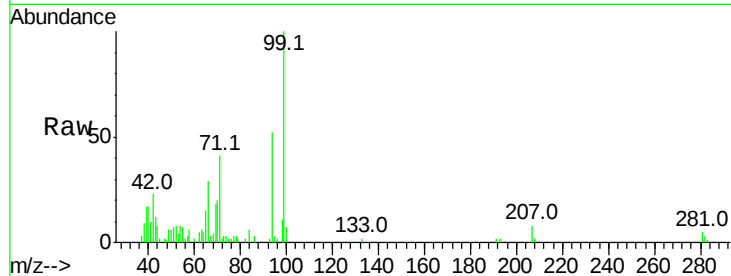
Tot Ion: 94 Resp: 22553

Ion Ratio Lower Upper

94 100

65 29.1 28.2 42.4

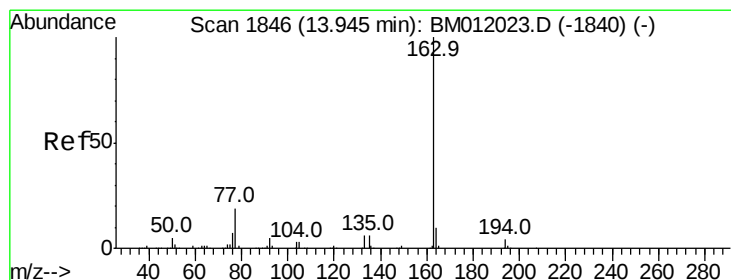
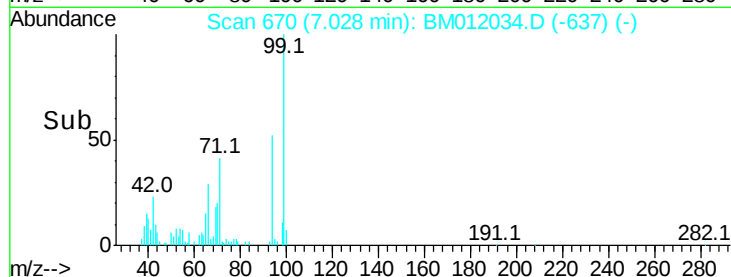
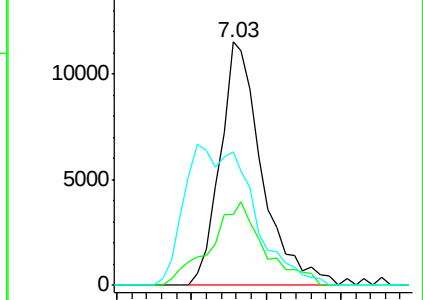
66 54.7 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM012023.D (-664) (-)

Ion 65.00 (64.70 to 65.70): BM012023.D (-664) (-)

Ion 66.00 (65.70 to 66.70): BM012023.D (-664) (-)



#44

Dimethylphthalate

Concen: 5.085 ng/ul

RT: 13.94 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

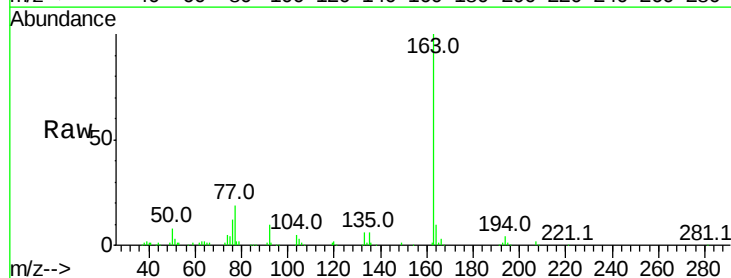
Tgt Ion:163 Resp: 175334

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

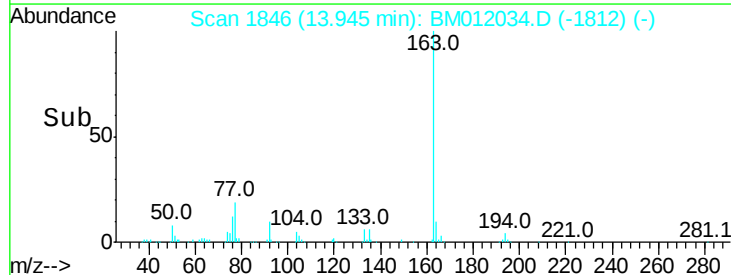
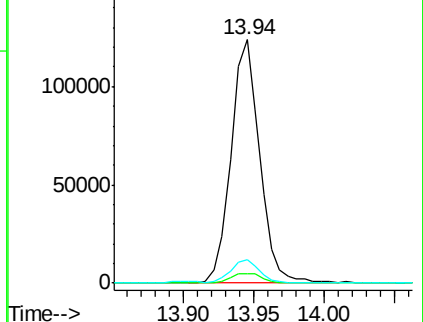
164 9.7 8.2 12.4

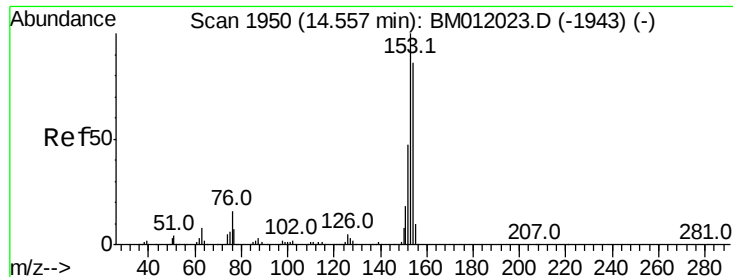


Abundance Ion 163.00 (162.70 to 163.70): BM012023.D (-1840) (-)

Ion 194.00 (193.70 to 194.70): BM012023.D (-1840) (-)

Ion 164.00 (163.70 to 164.70): BM012023.D (-1840) (-)





#49

Acenaphthene

Concen: 1.046 ng/ul

RT: 14.56 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Instrument :

BNA_M

ClientSampleId :

B-77(1-3)-092817

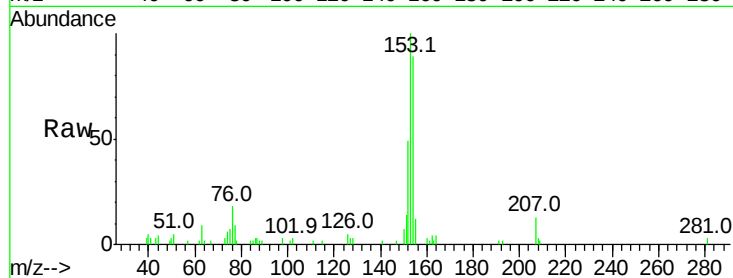
Tot Ion:153 Resp: 29563

Ion Ratio Lower Upper

153 100

152 49.0 37.6 56.4

154 89.5 70.4 105.6

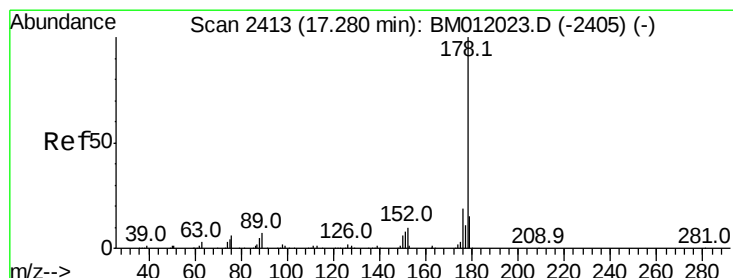
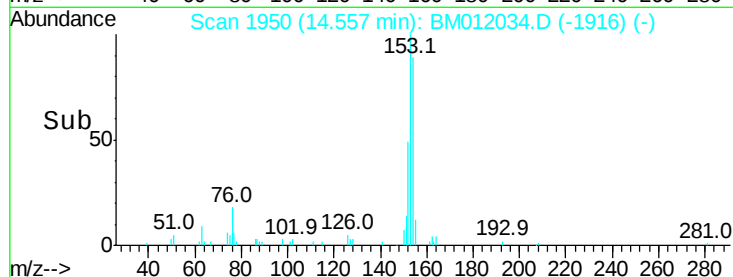
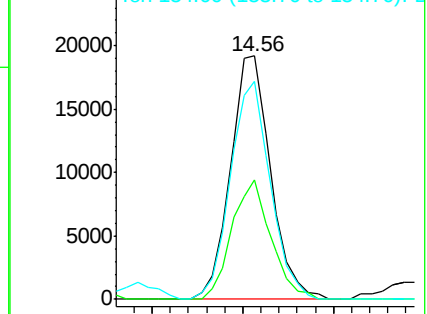


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#69

Phenanthrene

Concen: 14.214 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

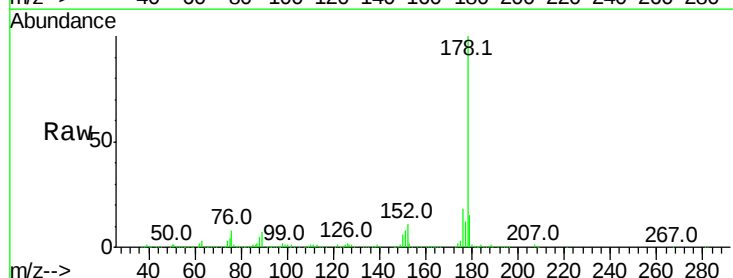
Tgt Ion:178 Resp: 824604

Ion Ratio Lower Upper

178 100

179 14.8 12.6 19.0

176 18.5 14.9 22.3

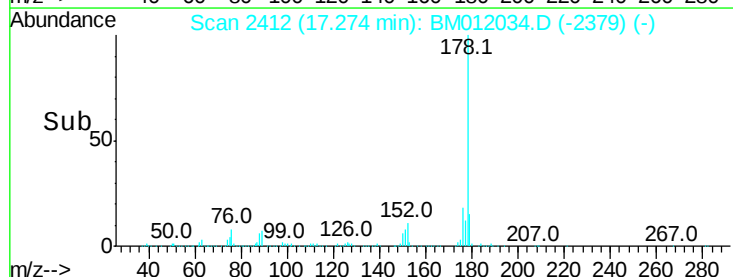
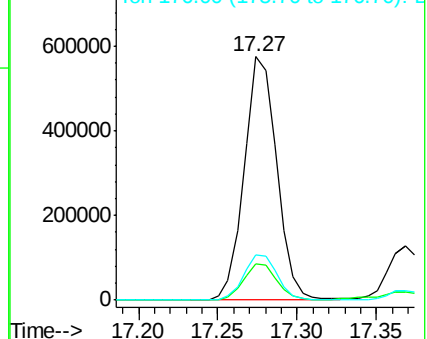


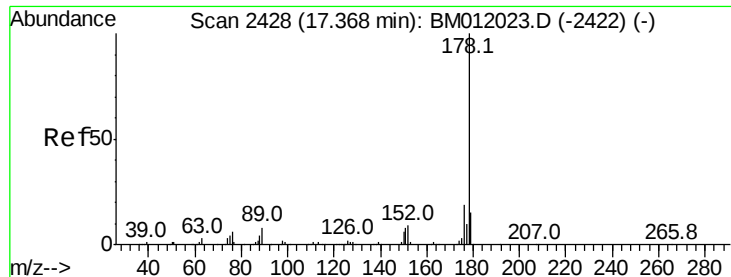
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

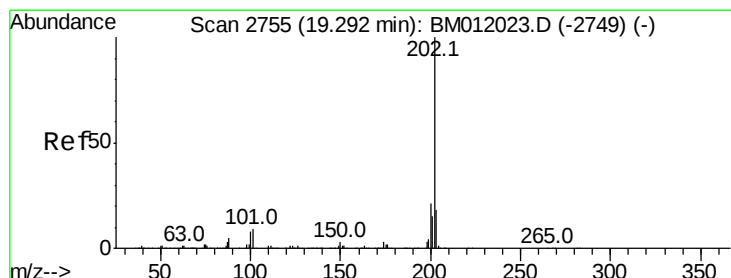
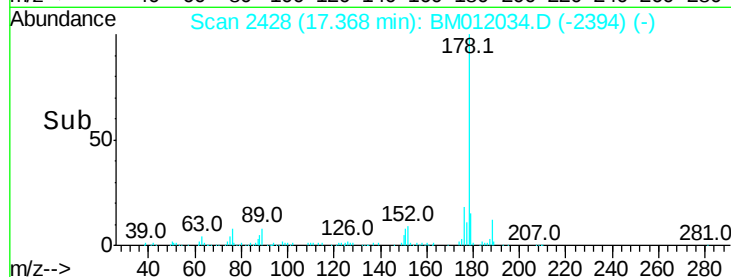
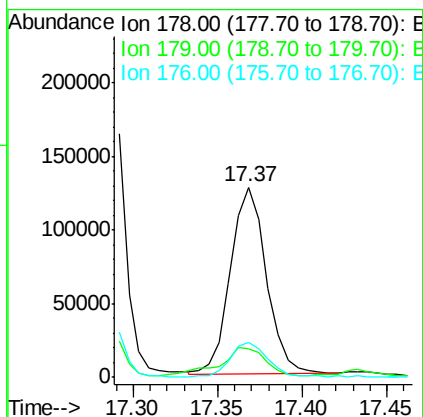
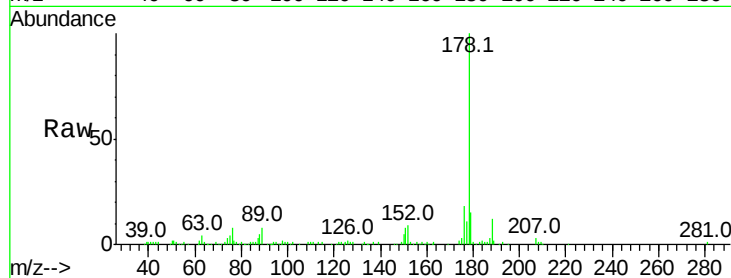




#71
 Anthracene
 Concen: 3.192 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BM012034.D
 Acq: 10 Oct 2017 04:04

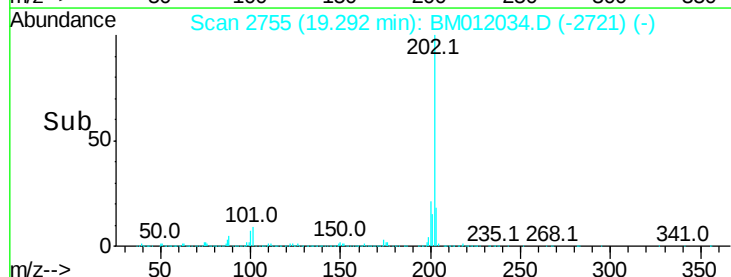
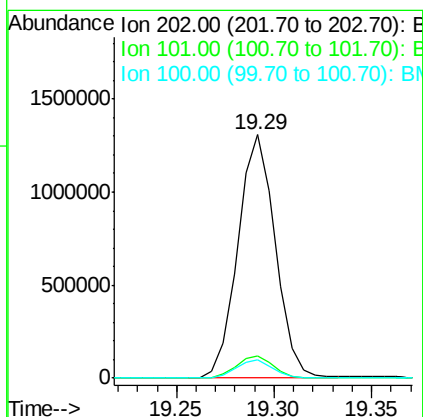
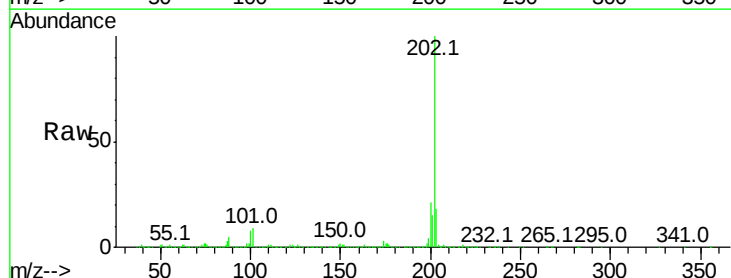
Instrument :
 BNA_M
 ClientSampleId :
 B-77(1-3)-092817

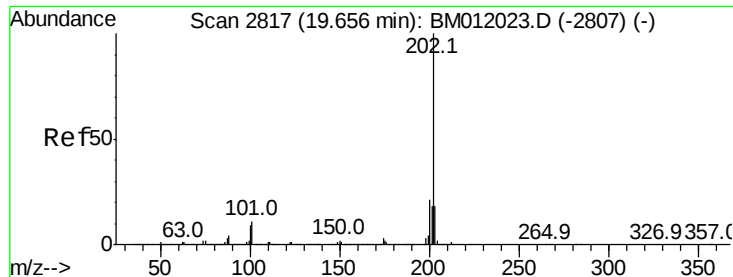
Tot Ion:178 Resp: 188414
 Ion Ratio Lower Upper
 178 100
 179 15.2 11.7 17.5
 176 18.3 14.6 21.8



#74
 Fluoranthene
 Concen: 24.555 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BM012034.D
 Acq: 10 Oct 2017 04:04

Tgt Ion:202 Resp: 1738037
 Ion Ratio Lower Upper
 202 100
 101 9.1 4.6 7.0#
 100 7.5 3.4 5.2#





#77

Pvrene

Concen: 18.399 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Instrument :

BNA_M

ClientSampleId :

B-77(1-3)-092817

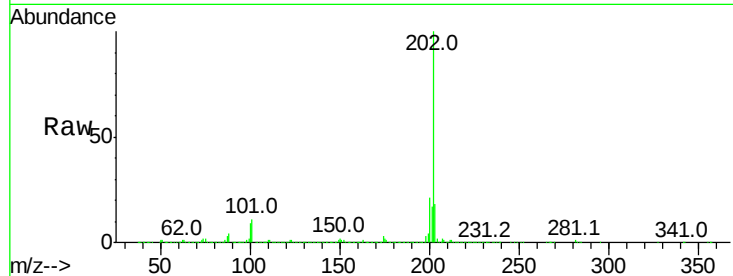
Tot Ion:202 Resp: 1606507

Ion Ratio Lower Upper

202 100

101 10.6 5.1 7.7#

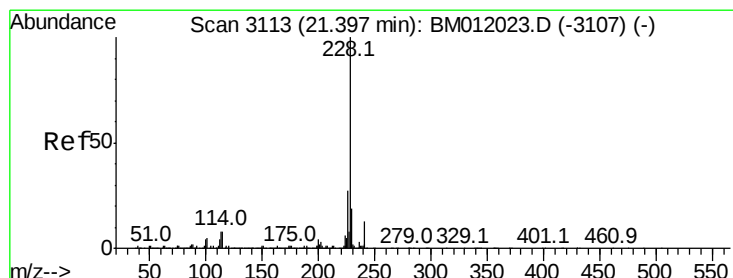
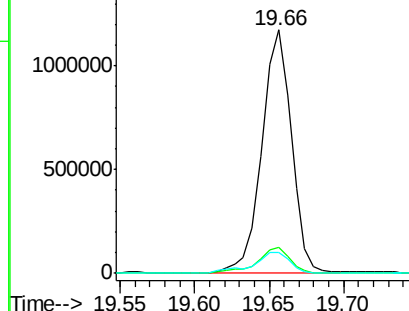
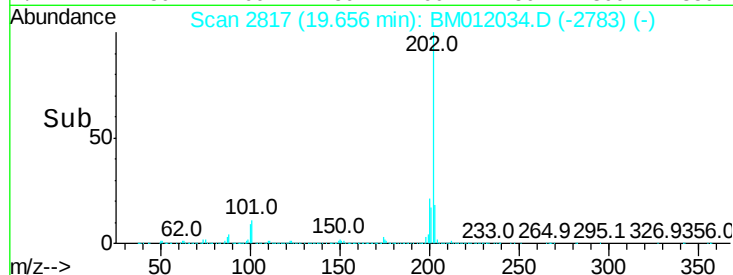
100 8.7 4.9 7.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 11.285 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

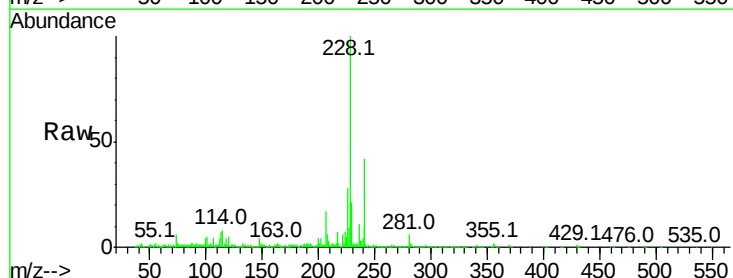
Tgt Ion:228 Resp: 1018066

Ion Ratio Lower Upper

228 100

229 21.0 15.4 23.0

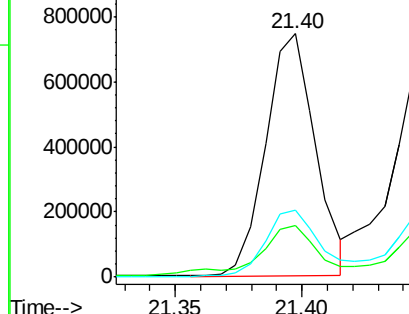
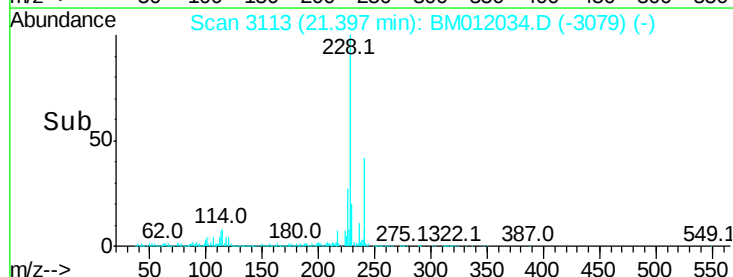
226 27.6 21.4 32.0

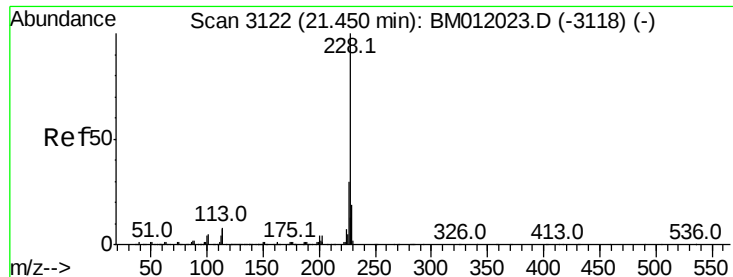


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 11.152 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Instrument :

BNA_M

ClientSampleId :

B-77(1-3)-092817

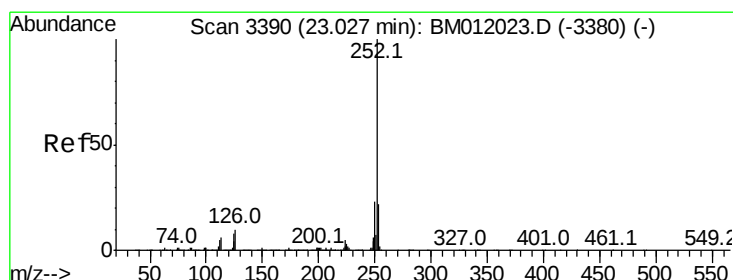
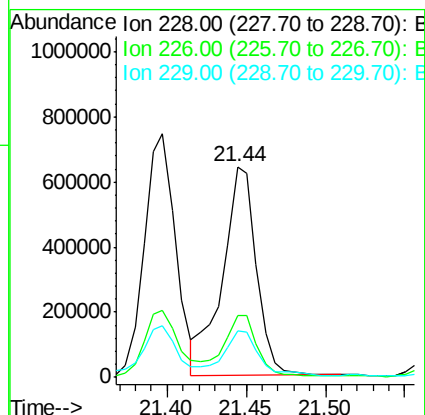
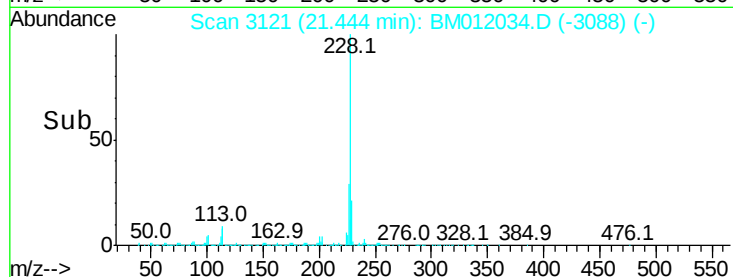
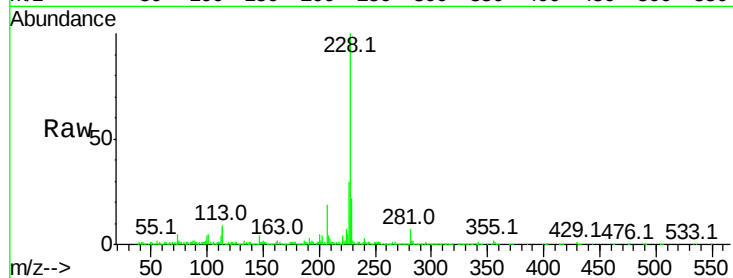
Tot Ion:228 Resp: 955874

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.2

229 21.8 15.5 23.3



#85

Benzo(b)fluoranthene

Concen: 12.346 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. -0.00 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

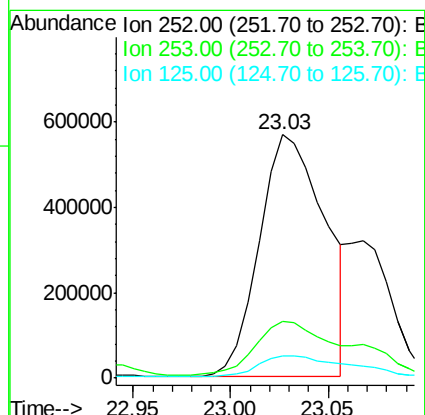
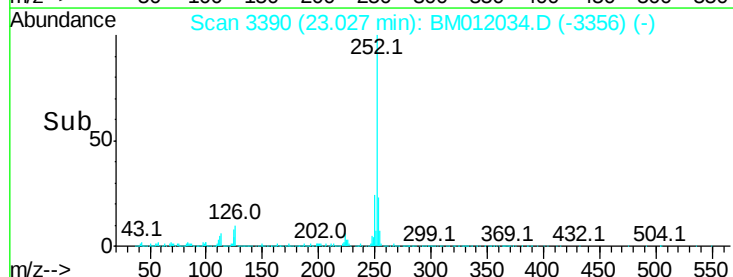
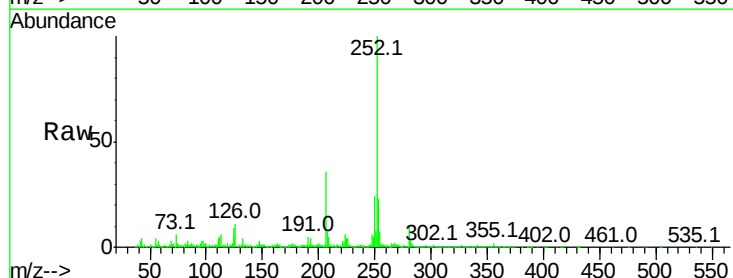
Tgt Ion:252 Resp: 1322922

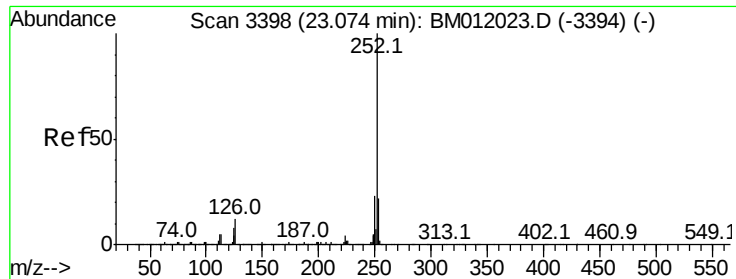
Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

125 9.0 3.6 5.4#





#86

Benzo(k)fluoranthene

Concen: 12.367 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. -0.05 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Instrument :

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B-77(1-3)-092817

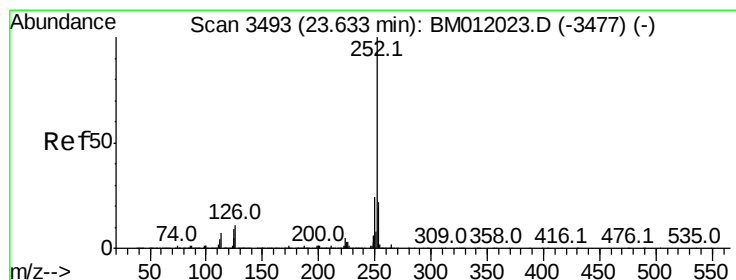
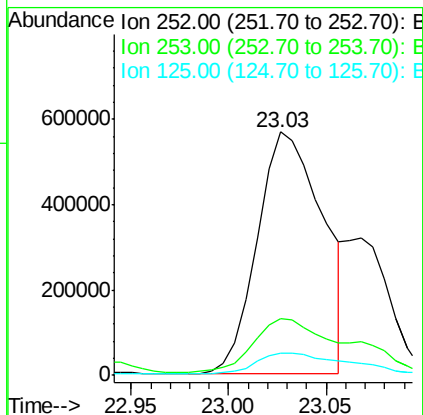
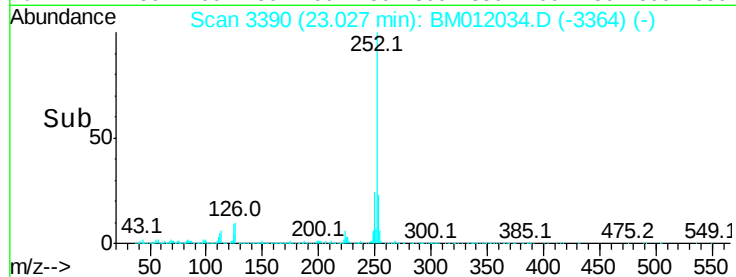
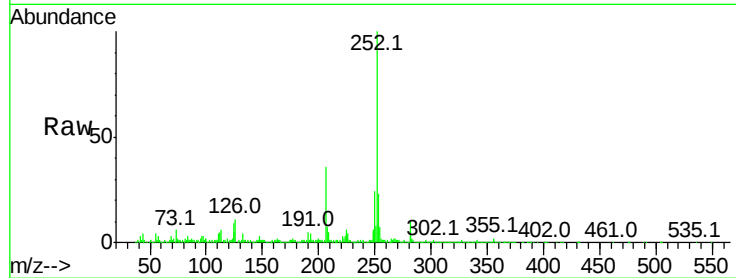
Tot Ion:252 Resp: 1322922

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

125 9.0 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 9.533 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

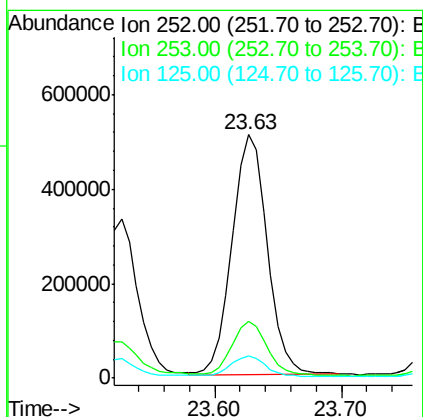
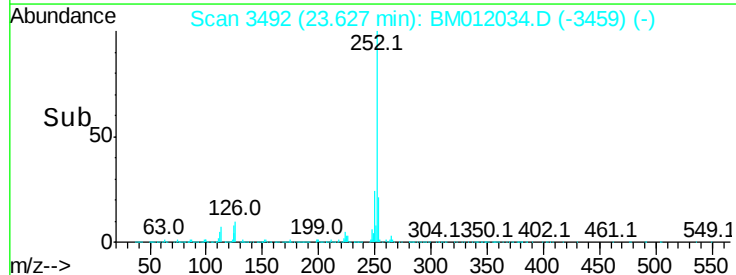
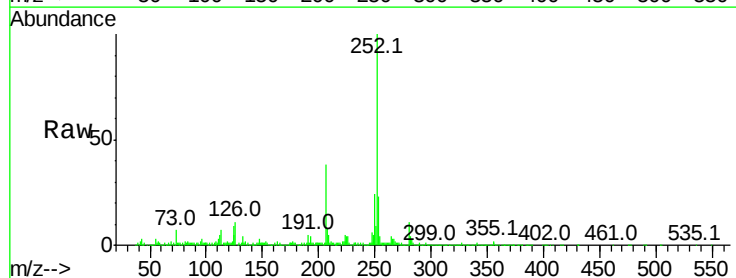
Tgt Ion:252 Resp: 981541

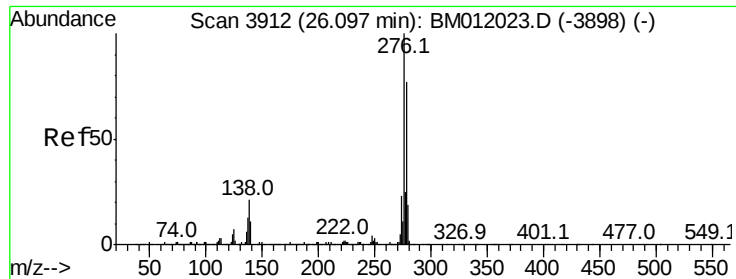
Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.2

125 9.2 4.0 6.0#

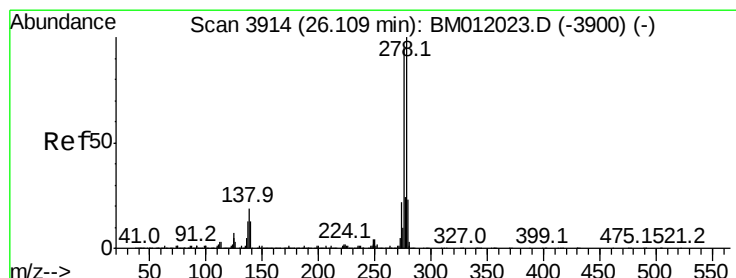
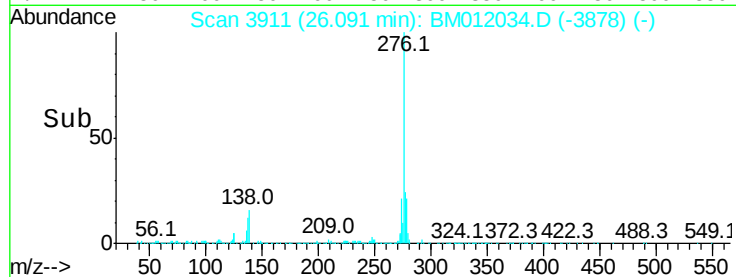
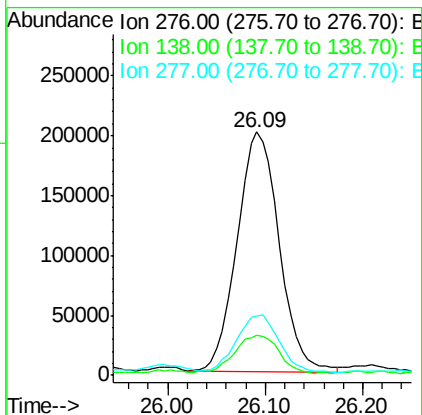
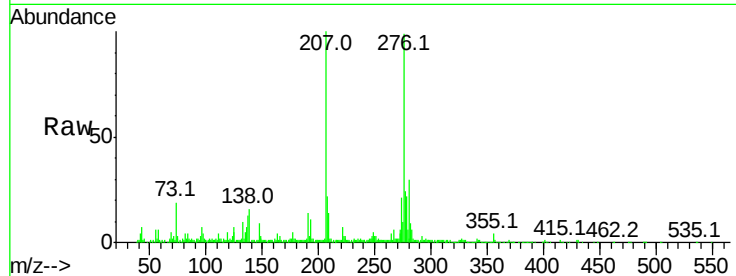




#89
 Indeno(1,2,3-cd)pyrene
 Concen: 5.451 ng/ul
 RT: 26.09 min Scan# 3911
 Delta R.T. -0.01 min
 Lab File: BM012034.D
 Acq: 10 Oct 2017 04:04

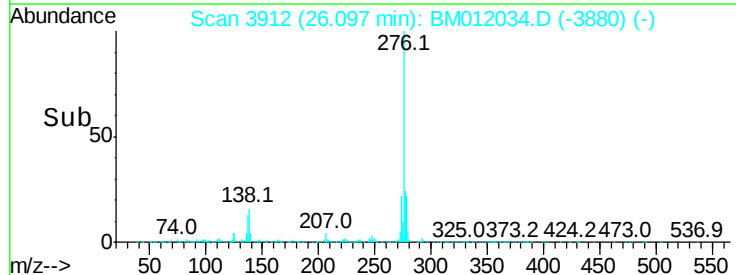
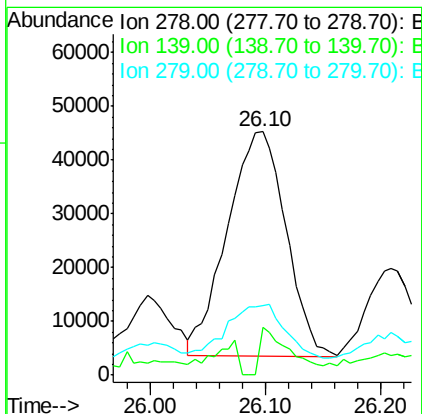
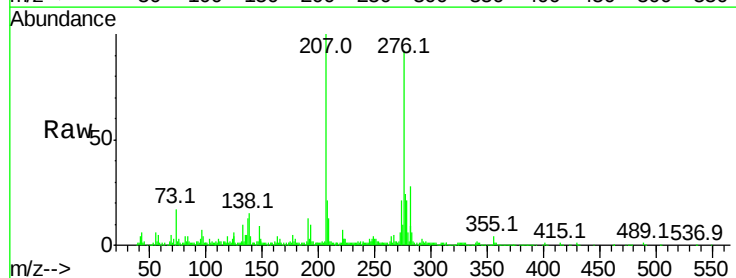
Instrument :
 BNA_M
 ClientSampleId :
 B-77(1-3)-092817

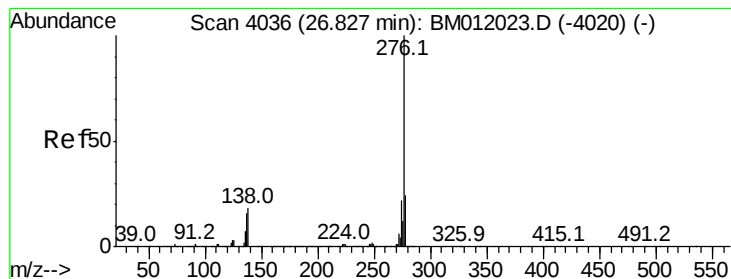
Tot Ion:	276	Resp:	600606
Ion	Ratio	Lower	Upper
276	100		
138	16.3	9.3	13.9#
277	24.5	19.9	29.9



#90
 Dibenzo(a,h)anthracene
 Concen: 1.624 ng/ul
 RT: 26.10 min Scan# 3912
 Delta R.T. -0.01 min
 Lab File: BM012034.D
 Acq: 10 Oct 2017 04:04

Tgt Ion:	278	Resp:	147007
Ion	Ratio	Lower	Upper
278	100		
139	19.7	5.8	8.8#
279	28.8	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 5.631 ng/ul

RT: 26.82 min Scan# 4035

Delta R.T. -0.01 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Instrument :

BNA_M

ClientSampleId :

B-77(1-3)-092817

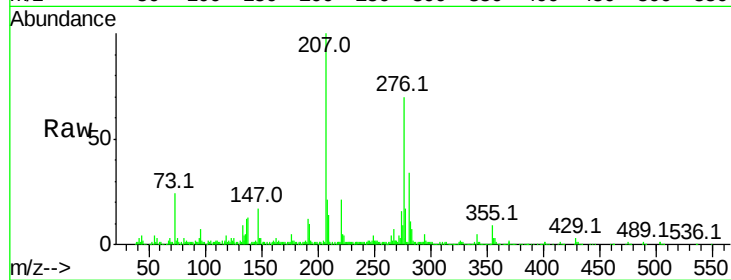
Tot Ion:276 Resp: 513222

Ion Ratio Lower Upper

276 100

138 19.3 8.5 12.7#

277 24.7 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

