

Data File : BM009856.D
Acq On : 02 May 2017 06:40
Operator : SJ/MA
Sample : I2848-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHT09

Quant Time: May 02 07:21:01 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 02 01:45:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	148182	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	678100	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.47	164	442094	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.23	188	1109981	20.00	ng/ul	0.02
75) Chrysene-d12	21.42	240	1682059	20.00	ng/ul	0.03
83) Perylene-d12	23.76	264	1298347	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	8491	2.64	ng/uL	0.00
5) Phenol-d5	7.01	99	194000	12.05	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.16	67	137953	12.57	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	130738	12.77	ng/ul	0.02
13) 4-Methylphenol-d8	8.55	113	147809	11.78	ng/ul	0.03
19) Nitrobenzene-d5	8.99	128	67431	12.22	ng/ul	0.02
22) 2-Nitrophenol-d4	9.71	143	79714	13.73	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	146593	12.62	ng/ul	0.04
29) 4-Chloroaniline-d4	10.77	131	114592	8.19	ng/ul	0.02
43) Dimethylphthalate-d6	13.88	166	499006	12.98	ng/ul	0.01
46) Acenaphthylene-d8	14.17	160	653762	14.10	ng/ul	0.02
51) 4-Nitrophenol-d4	14.73	143	63401	8.54	ng/ul	0.05
57) Fluorene-d10	15.47	176	495031	14.26	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.61	200	26837	3.43	ng/ul	0.02
70) Anthracene-d10	17.33	188	811732	14.24	ng/ul	0.02
76) Pyrene-d10	19.63	212	1036791	13.97	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.62	264	900902	14.27	ng/ul	0.05

Target Compounds

						Qvalue
6) Phenol	7.04	94	20614	1.24	ng/ul#	71
44) Dimethylphthalate	13.93	163	148586	3.91	ng/ul	98
69) Phenanthrene	17.27	178	576516	9.04	ng/ul	100
71) Anthracene	17.36	178	211805	3.17	ng/ul	98
73) Di-n-butylphthalate	18.18	149	318112	4.35	ng/ul#	96
74) Fluoranthene	19.30	202	1323327	16.45	ng/ul#	90
77) Pyrene	19.66	202	1498603	15.77	ng/ul#	90
78) Butylbenzylphthalate	20.54	149	378664	9.61	ng/ul	98
80) Benzo(a)anthracene	21.41	228	1011575	10.14	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.30	149	1214843	20.35	ng/ul	98
82) Chrysene	21.41	228	1011575	11.27	ng/ul	94
85) Benzo(b)fluoranthene	23.06	252	801494	9.51	ng/ul#	79
86) Benzo(k)fluoranthene	23.06	252	801494	10.38	ng/ul#	80
88) Benzo(a)pyrene	23.66	252	721586	9.20	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	26.14	276	342084	4.03	ng/ul#	87
90) Dibenzo(a,h)anthracene	26.14	278	106350	1.47	ng/ul#	50
91) Benzo(g,h,i)perylene	26.88	276	285231	4.18	ng/ul#	85

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

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Operator : SJ/MA

Sample : I2848-05

Misc :

ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampled :

JHT09

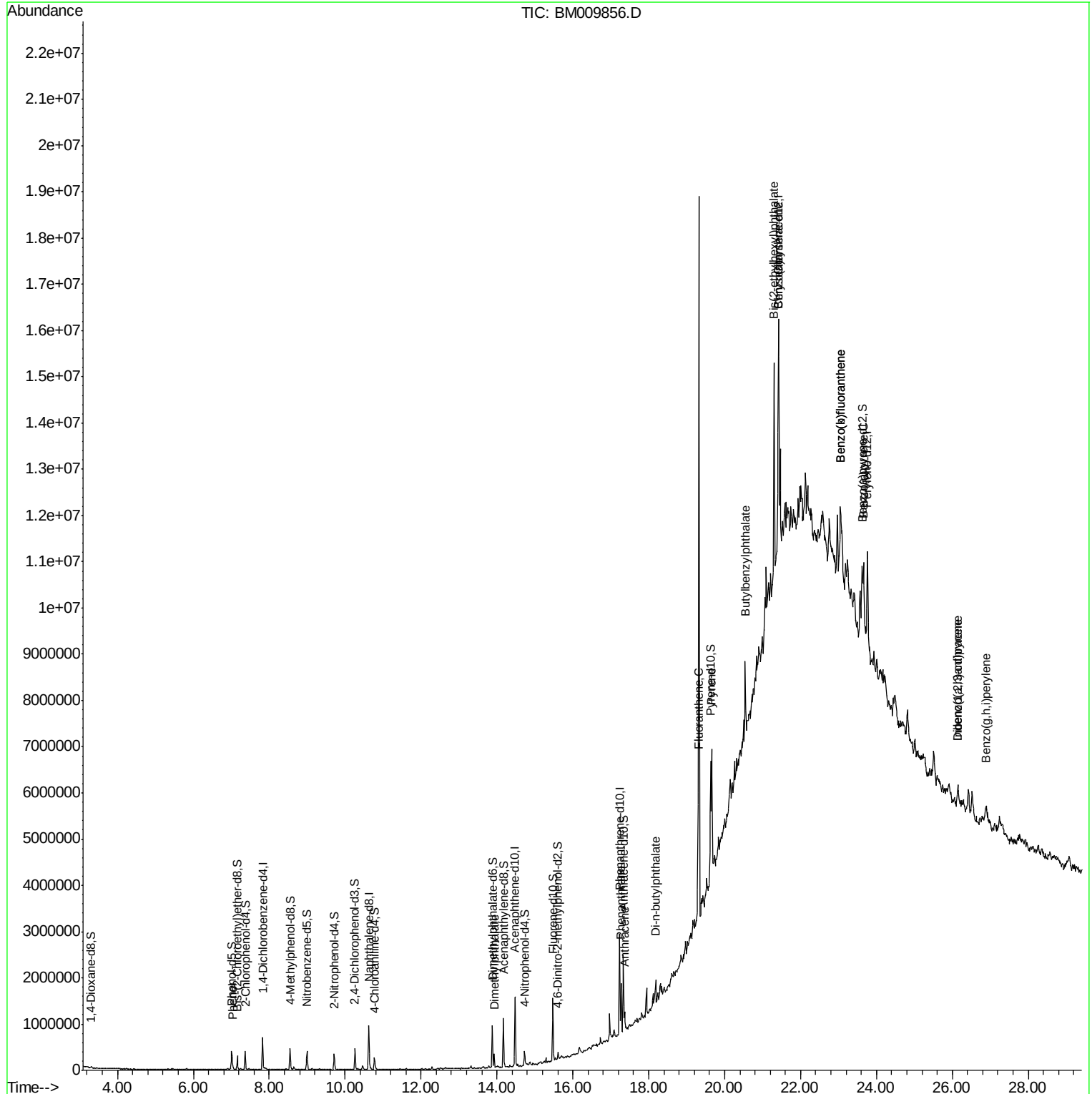
Quant Time: May 02 07:21:01 2017

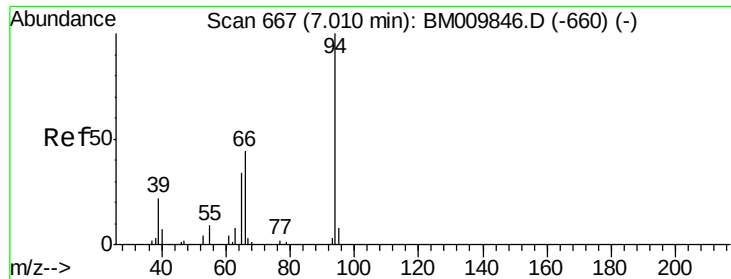
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 02 01:45:45 2017

Response via : Initial Calibration





#6

Phenol

Concen: 1.24 ng/ul

RT: 7.04 min Scan# 672

Delta R.T. 0.03 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

Instrument :

BNA_M

ClientSampleId :

JHT09

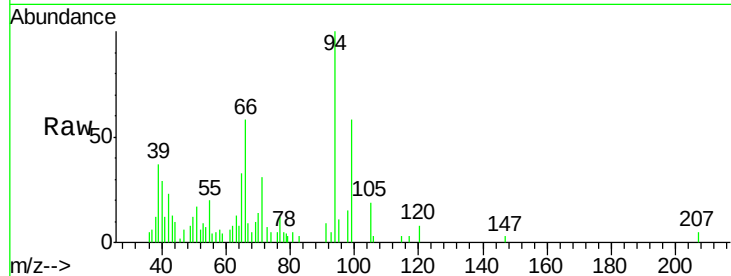
Tgt Ion: 94 Resp: 20614

Ion Ratio Lower Upper

94 100

65 33.1 39.8 59.6#

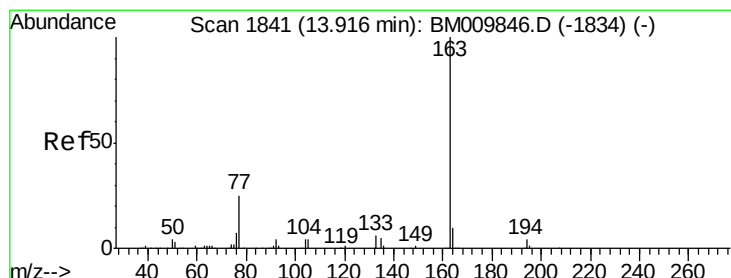
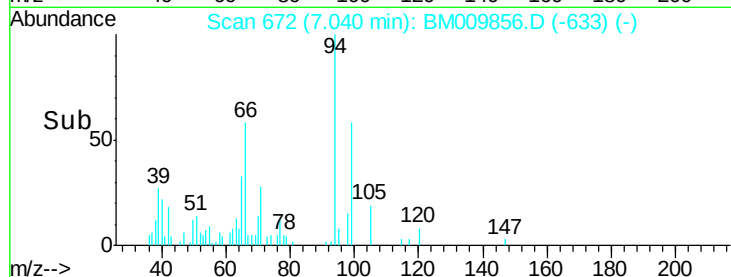
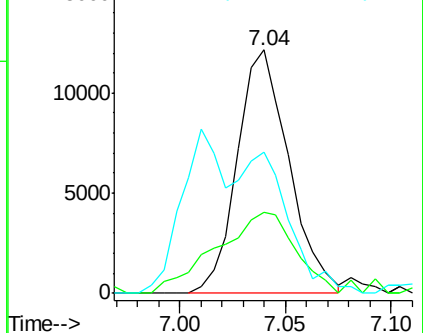
66 58.1 69.9 104.9#



Abundance Ion 94.00 (93.70 to 94.70): BM009846.D (-660) (-)

Ion 65.00 (64.70 to 65.70): BM009846.D (-660) (-)

Ion 66.00 (65.70 to 66.70): BM009846.D (-660) (-)



#44

Dimethylphthalate

Concen: 3.91 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

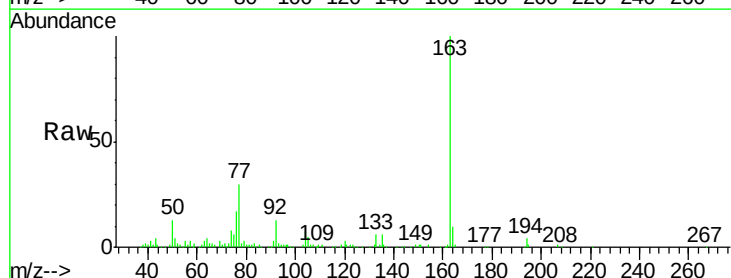
Tgt Ion: 163 Resp: 148586

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

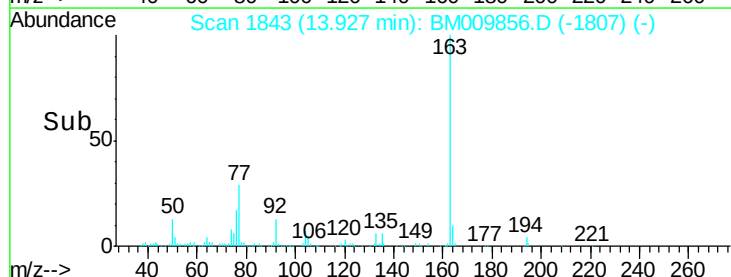
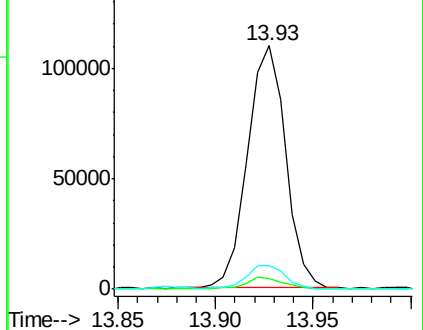
164 9.8 8.6 12.8

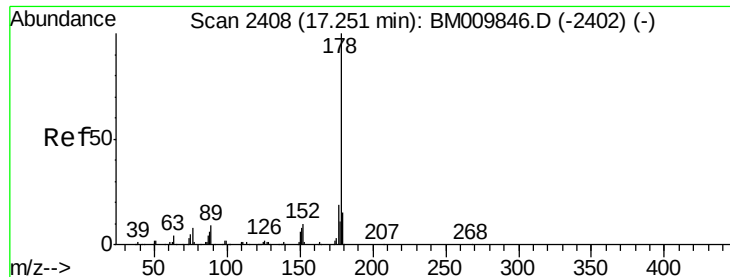


Abundance Ion 163.00 (162.70 to 163.70): BM009846.D (-1834) (-)

Ion 194.00 (193.70 to 194.70): BM009846.D (-1834) (-)

Ion 164.00 (163.70 to 164.70): BM009846.D (-1834) (-)





#69

Phenanthrene

Concen: 9.04 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. 0.02 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

Instrument :

BNA_M

ClientSampleId :

JHT09

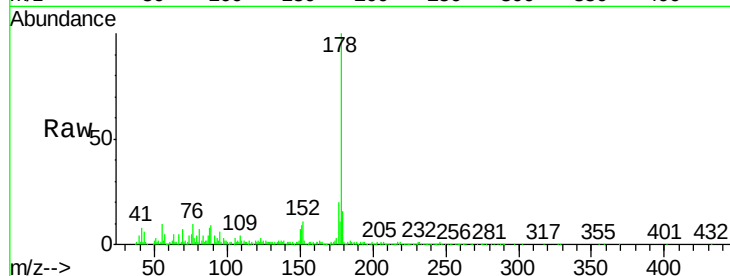
Tgt Ion:178 Resp: 576516

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

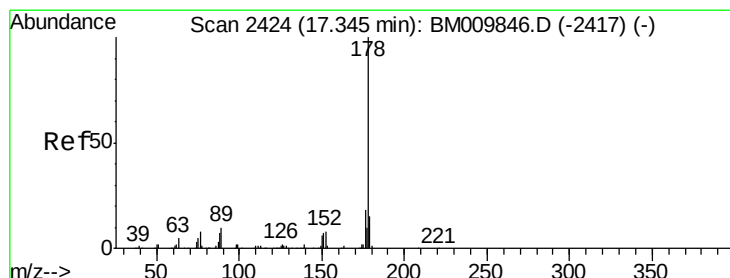
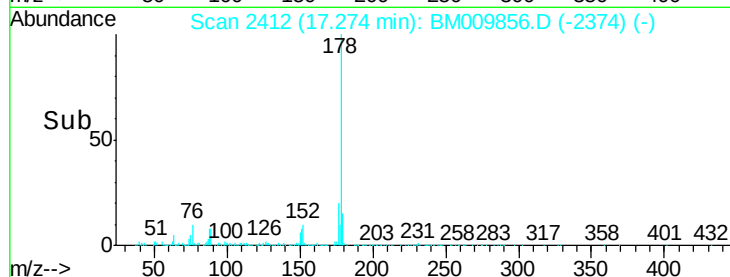
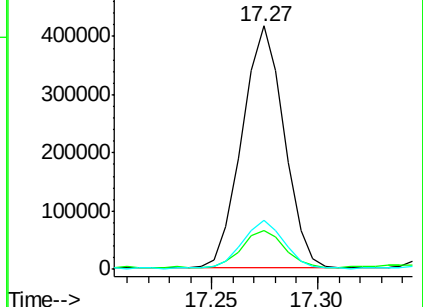
176 19.9 15.8 23.6



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: 3.17 ng/ul

RT: 17.36 min Scan# 2427

Delta R.T. 0.02 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

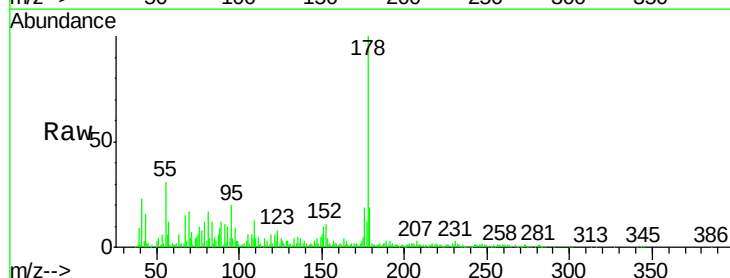
Tgt Ion:178 Resp: 211805

Ion Ratio Lower Upper

178 100

179 18.6 13.1 19.7

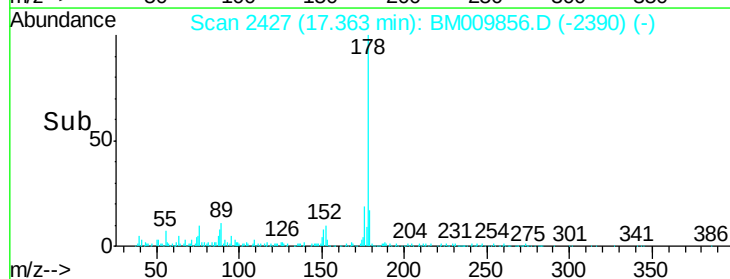
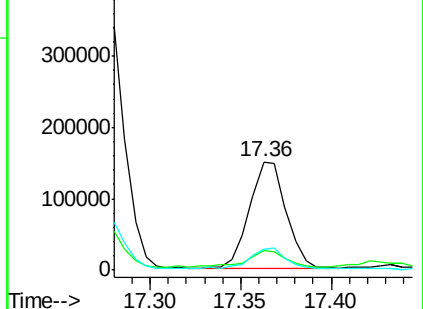
176 19.4 15.6 23.4

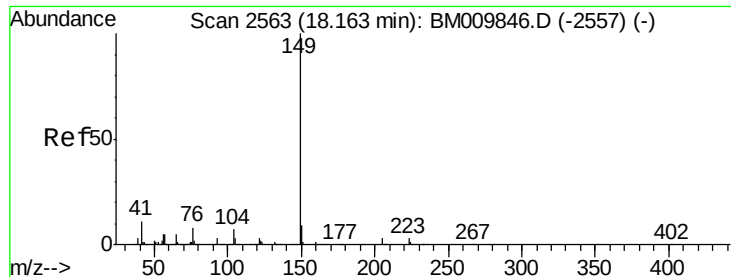


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

Di-n-butylphthalate

Concen: 4.35 ng/ul

RT: 18.18 min Scan# 2566

Delta R.T. 0.02 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

Instrument :

BNA_M

ClientSampleId :

JHT09

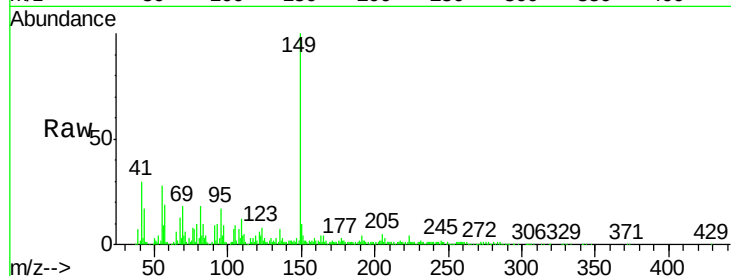
Tgt Ion:149 Resp: 318112

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

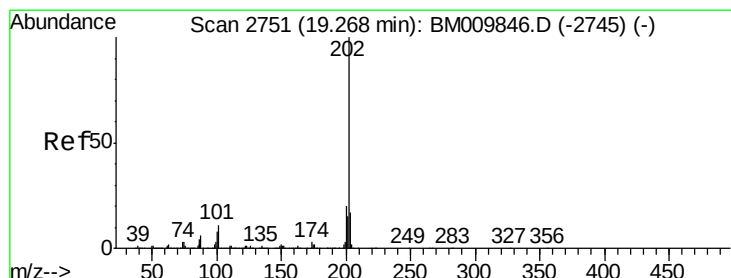
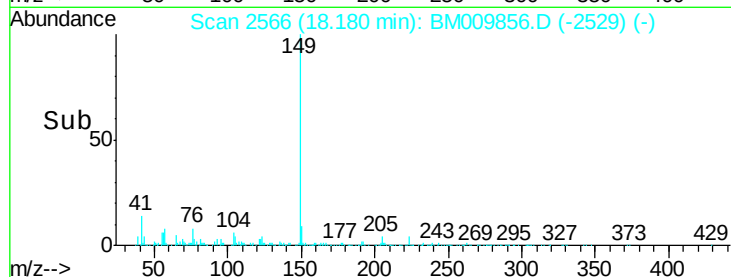
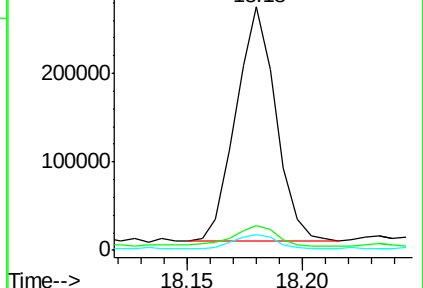
104 6.6 6.9 10.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 16.45 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.03 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

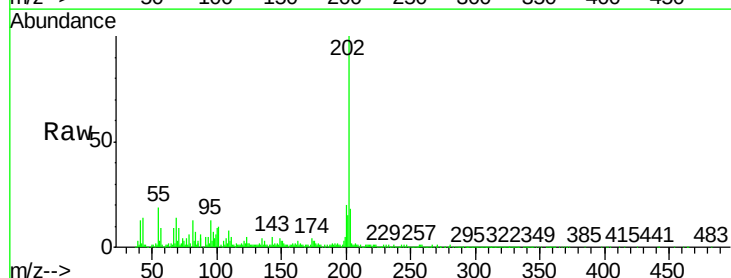
Tgt Ion:202 Resp: 1323327

Ion Ratio Lower Upper

202 100

101 10.4 5.7 8.5#

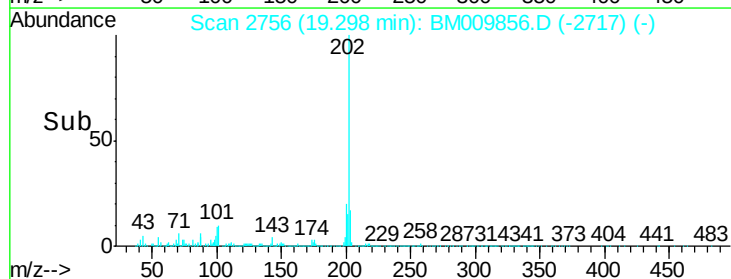
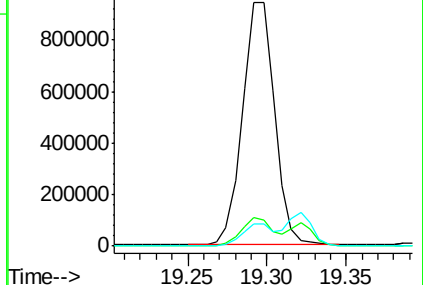
100 9.0 4.6 7.0#

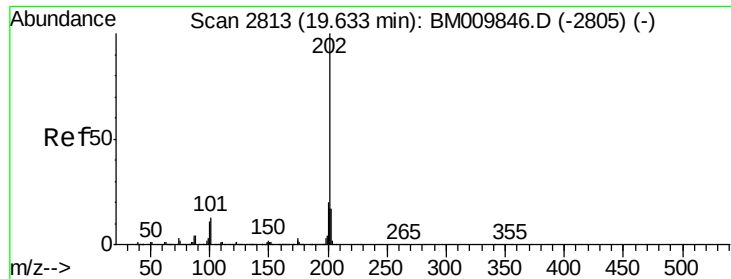


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 15.77 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.03 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

Instrument :

BNA_M

ClientSampled :

JHT09

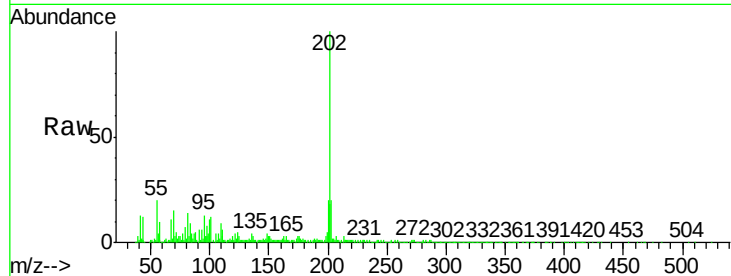
Tgt Ion:202 Resp: 1498603

Ion Ratio Lower Upper

202 100

101 12.3 6.2 9.4#

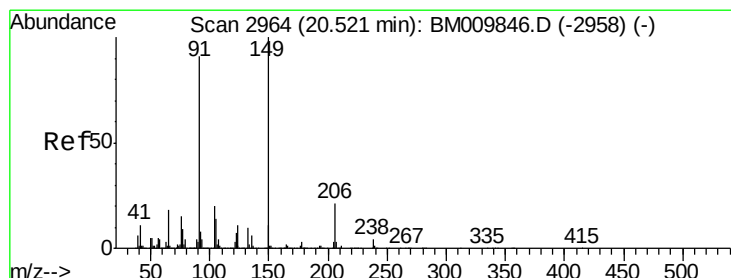
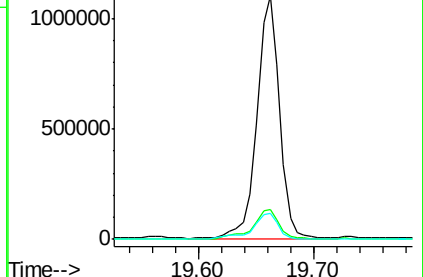
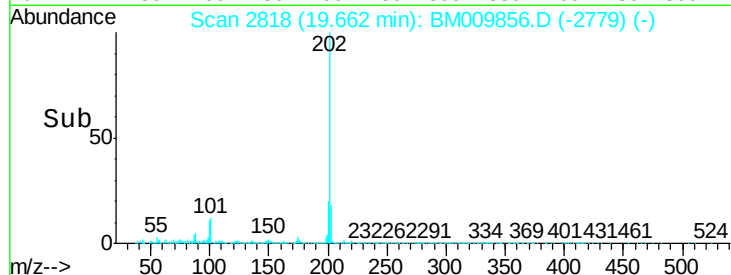
100 10.8 6.4 9.6#



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



#78

Butylbenzylphthalate

Concen: 9.61 ng/ul

RT: 20.54 min Scan# 2967

Delta R.T. 0.02 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

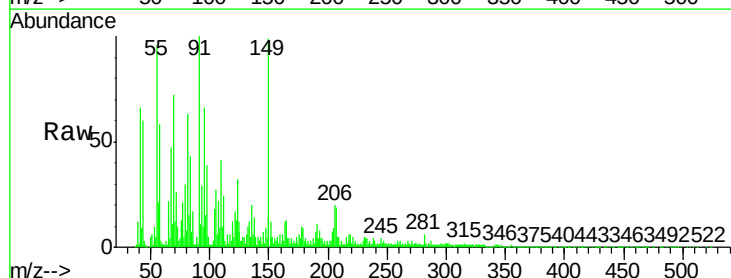
Tgt Ion:149 Resp: 378664

Ion Ratio Lower Upper

149 100

91 101.3 80.0 120.0

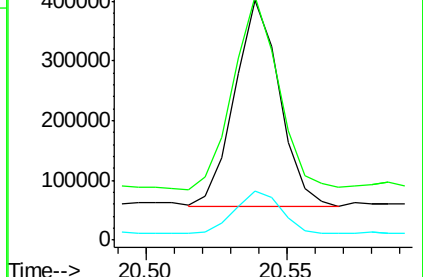
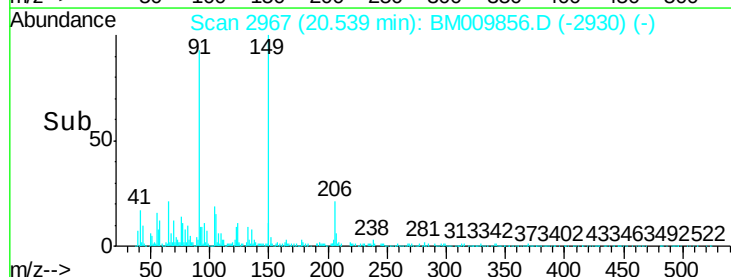
206 20.5 19.1 28.7

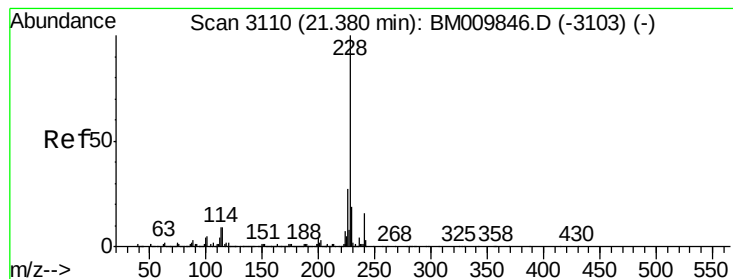


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 10.14 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.03 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

Instrument :

BNA_M

ClientSampleId :

JHT09

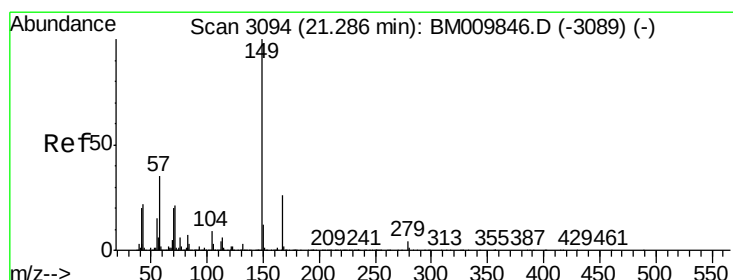
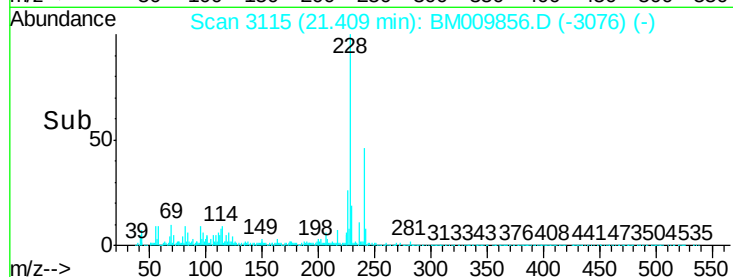
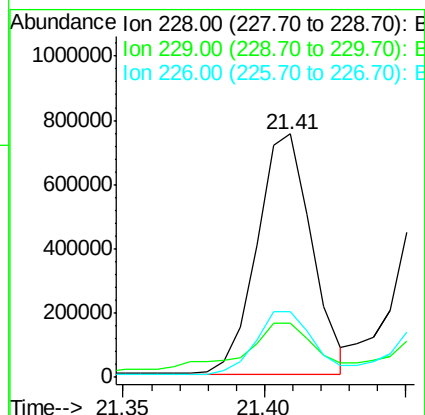
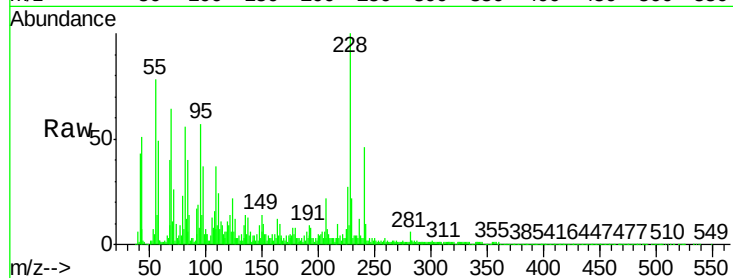
Tgt Ion:228 Resp: 1011575

Ion Ratio Lower Upper

228 100

229 22.1 15.4 23.2

226 27.1 21.2 31.8



#81

Bis(2-ethylhexyl)phthalate

Concen: 20.35 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. 0.02 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

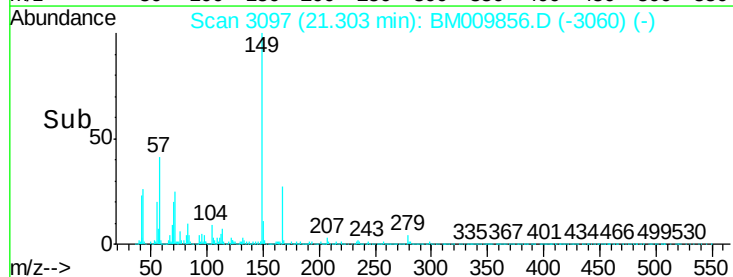
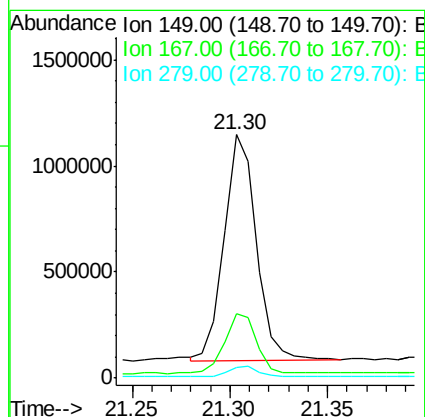
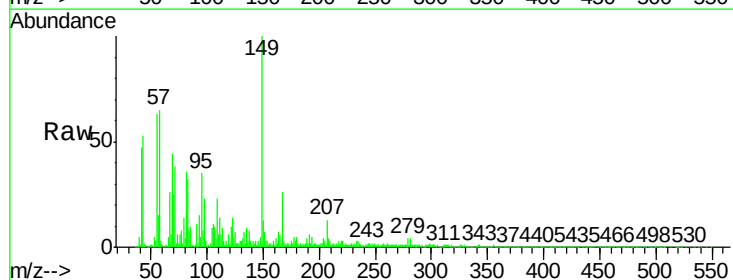
Tgt Ion:149 Resp: 1214843

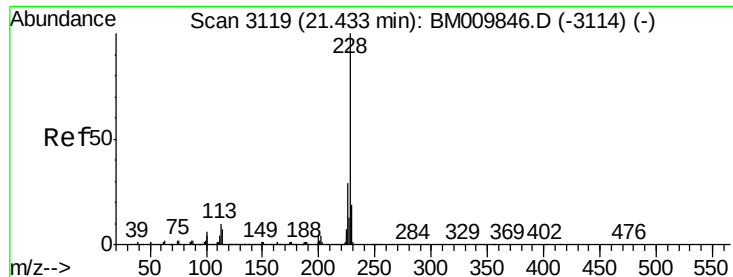
Ion Ratio Lower Upper

149 100

167 26.5 20.2 30.2

279 4.4 4.0 6.0





#82

Chrysene

Concen: 11.27 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. -0.02 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

Instrument :

BNA_M

ClientSampleId :

JHT09

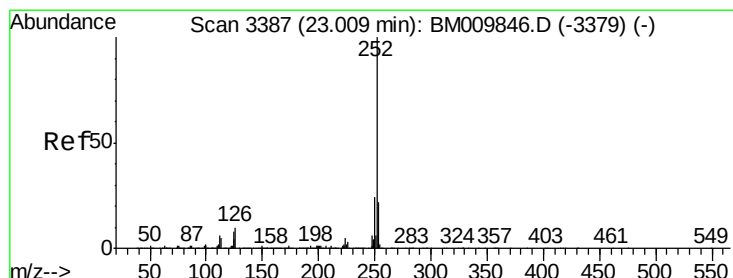
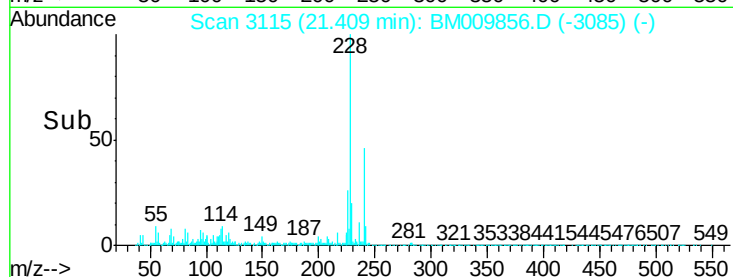
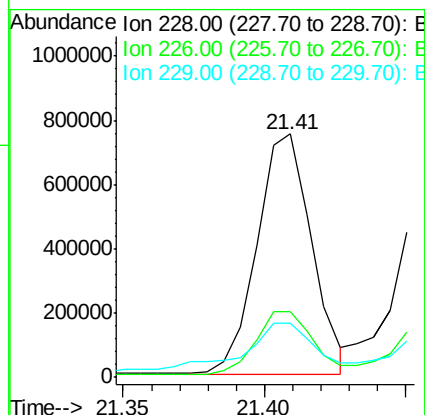
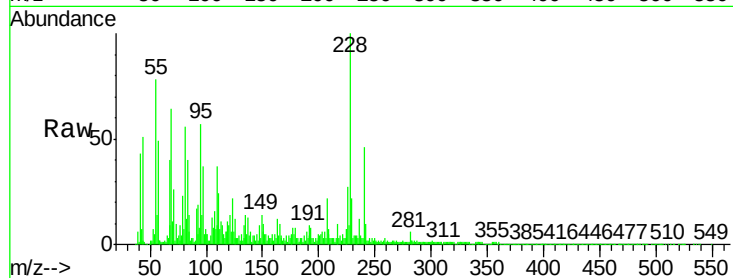
Tgt Ion:228 Resp: 1011575

Ion Ratio Lower Upper

228 100

226 27.1 23.9 35.9

229 22.1 15.4 23.2



#85

Benzo(b)fluoranthene

Concen: 9.51 ng/ul

RT: 23.06 min Scan# 3395

Delta R.T. 0.05 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

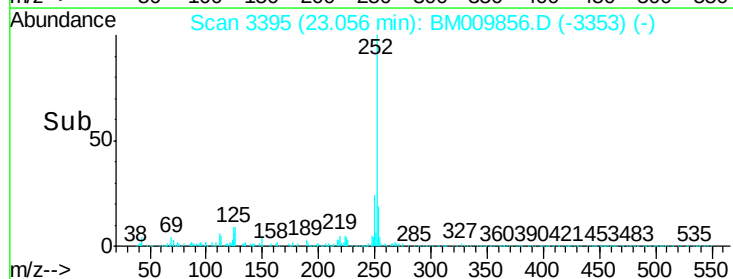
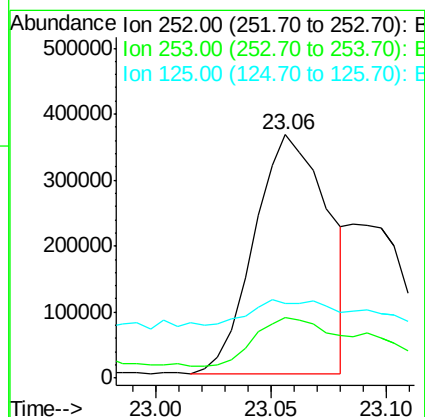
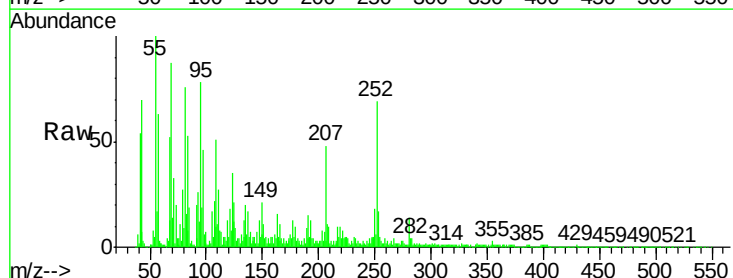
Tgt Ion:252 Resp: 801494

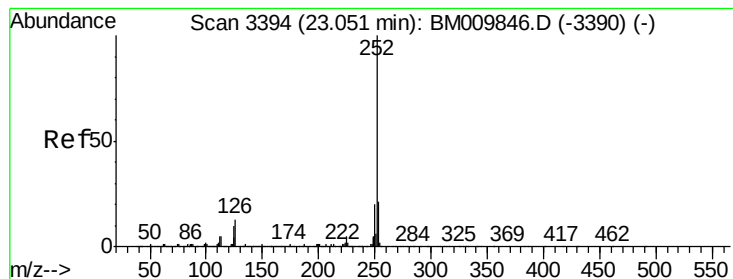
Ion Ratio Lower Upper

252 100

253 24.8 17.0 25.4

125 30.9 3.7 5.5#





#86

Benzo(k)fluoranthene

Concen: 10.38 ng/ul

RT: 23.06 min Scan# 3395

Delta R.T. 0.01 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

Instrument :

BNA_M

ClientSampleId :

JHT09

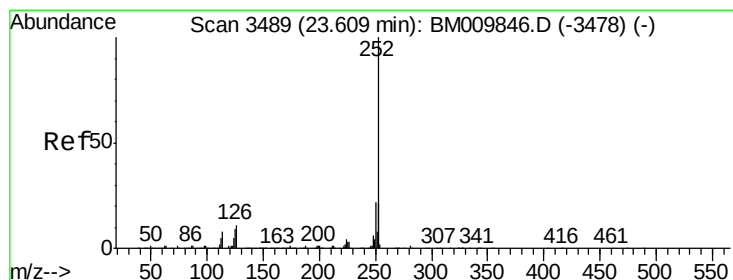
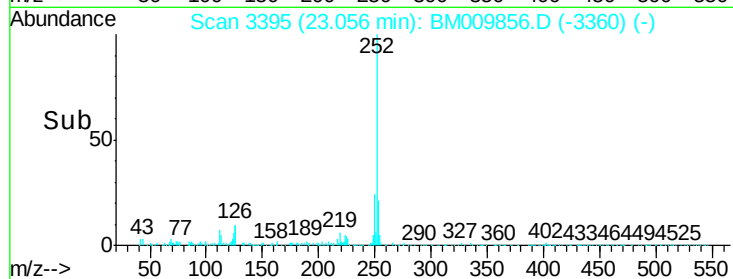
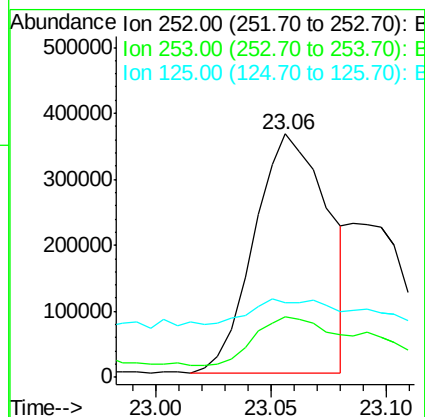
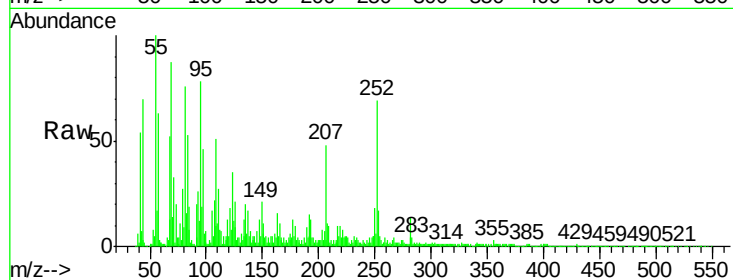
Tgt Ion:252 Resp: 801494

Ion Ratio Lower Upper

252 100

253 24.8 17.4 26.0

125 30.9 3.8 5.8#



#88

Benzo(a)pyrene

Concen: 9.20 ng/ul

RT: 23.66 min Scan# 3498

Delta R.T. 0.05 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

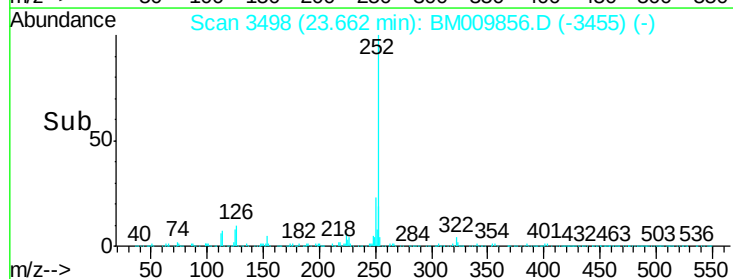
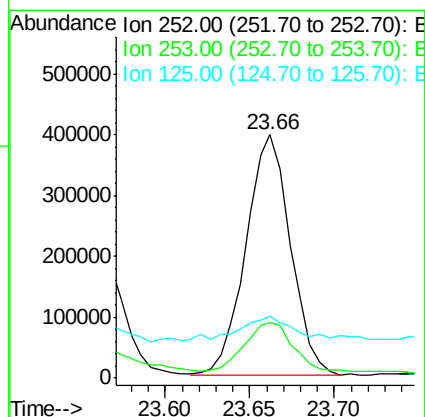
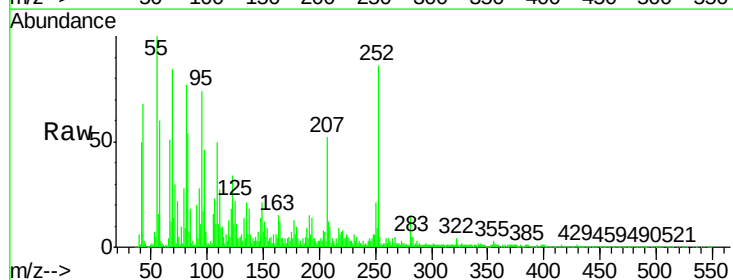
Tgt Ion:252 Resp: 721586

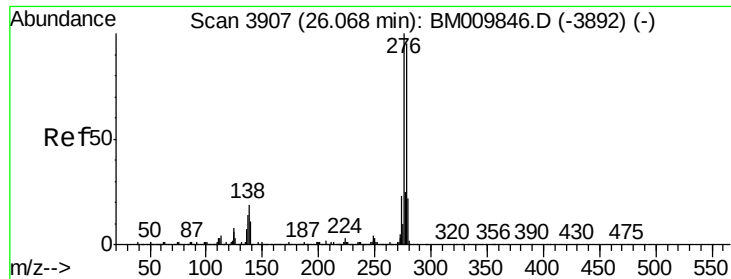
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 25.3 3.7 5.5#





#89

Indeno(1,2,3-cd)pyrene

Concen: 4.03 ng/ul

RT: 26.14 min Scan# 3920

Delta R.T. 0.08 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

Instrument :

BNA_M

ClientSampleId :

JHT09

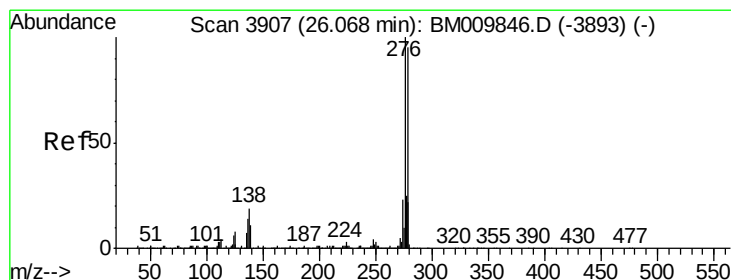
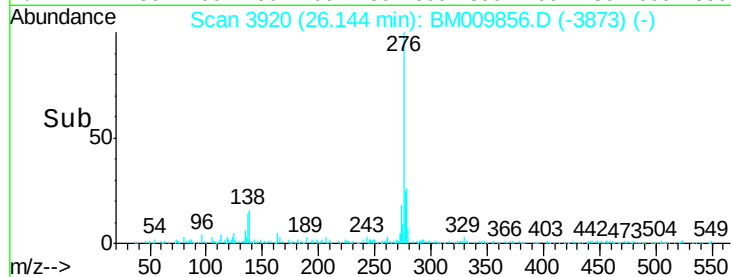
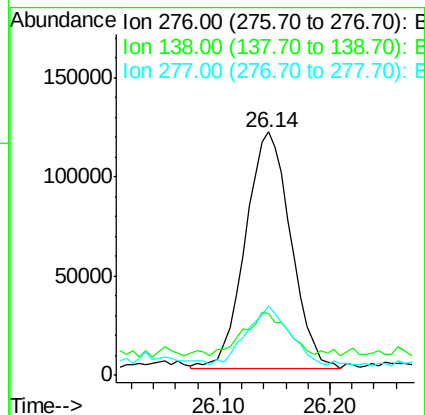
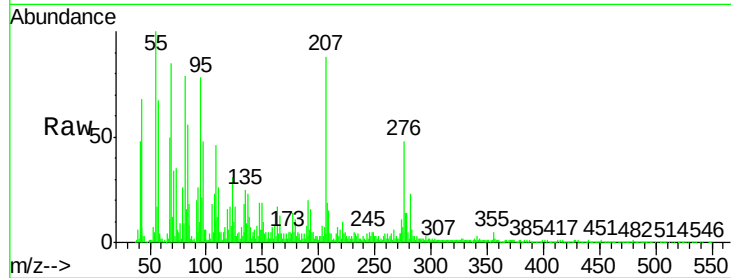
Tgt Ion:276 Resp: 342084

Ion Ratio Lower Upper

276 100

138 25.2 8.2 12.2#

277 28.5 21.5 32.3



#90

Dibenzo(a,h)anthracene

Concen: 1.47 ng/ul

RT: 26.14 min Scan# 3919

Delta R.T. 0.07 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

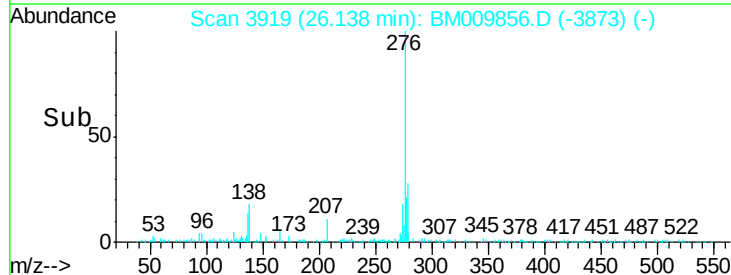
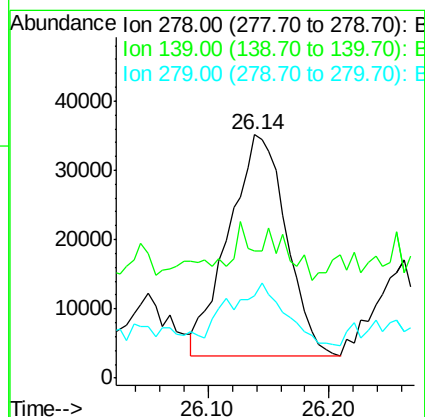
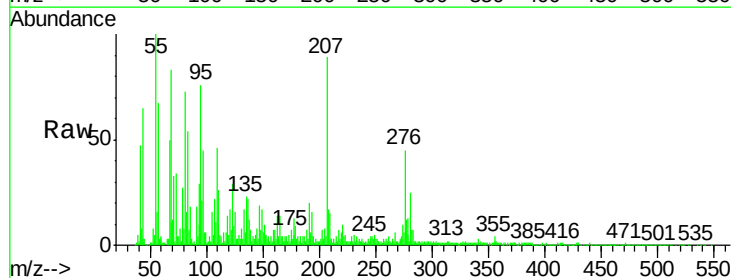
Tgt Ion:278 Resp: 106350

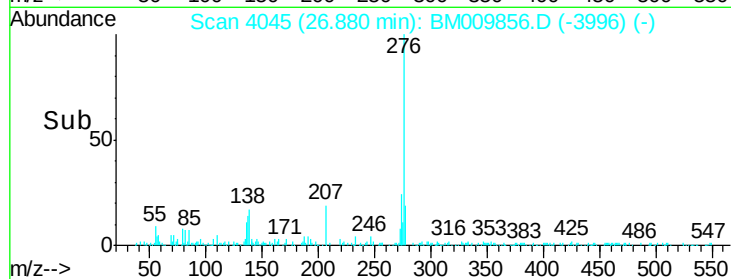
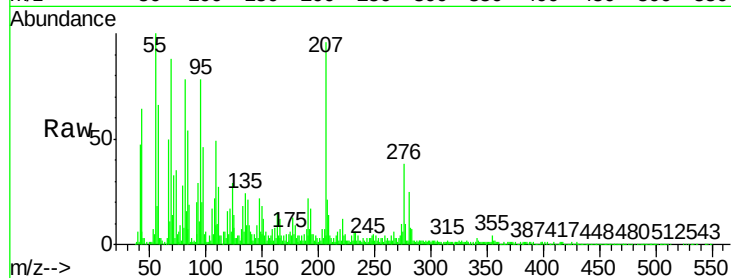
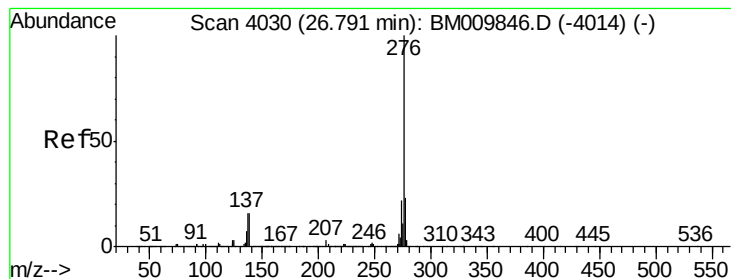
Ion Ratio Lower Upper

278 100

139 52.4 5.8 8.8#

279 33.6 17.9 26.9#





#91

Benzo(g,h,i)perylene

Concen: 4.18 ng/ul

RT: 26.88 min Scan# 4045

Delta R.T. 0.09 min

Lab File: BM009856.D

Acq: 02 May 2017 06:40

Instrument :

BNA_M

ClientSampleId :

JHT09

Tgt Ion: 276 Resp: 285231

Ion Ratio Lower Upper

276 100

138 24.7 7.0 10.4#

277 26.0 19.0 28.6

