

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020218\
 Data File : BM014136.D
 Acq On : 03 Feb 2018 04:43
 Operator : SJ/JU
 Sample : J1317-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 03 06:15:43 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 03 04:17:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	125881	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	510949	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	309354	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	708347	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	766198	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	746783	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	6568	2.39	ng/uL	0.00
5) Phenol-d5	6.75	99	160206	16.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	100436	17.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	135796	18.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	128015	16.16	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	69211	18.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	73411	17.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	136699	15.92	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	68834	9.25	ng/ul	0.02
43) Dimethylphthalate-d6	13.63	166	478813	18.65	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	606661	19.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	43898	12.41	ng/ul	0.01
57) Fluorene-d10	15.21	176	422032	18.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	54141	12.45	ng/ul	0.00
70) Anthracene-d10	17.06	188	632701	18.40	ng/ul	0.00
76) Pyrene-d10	19.37	212	727588	19.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	687393	18.75	ng/ul	0.00

Target Compounds

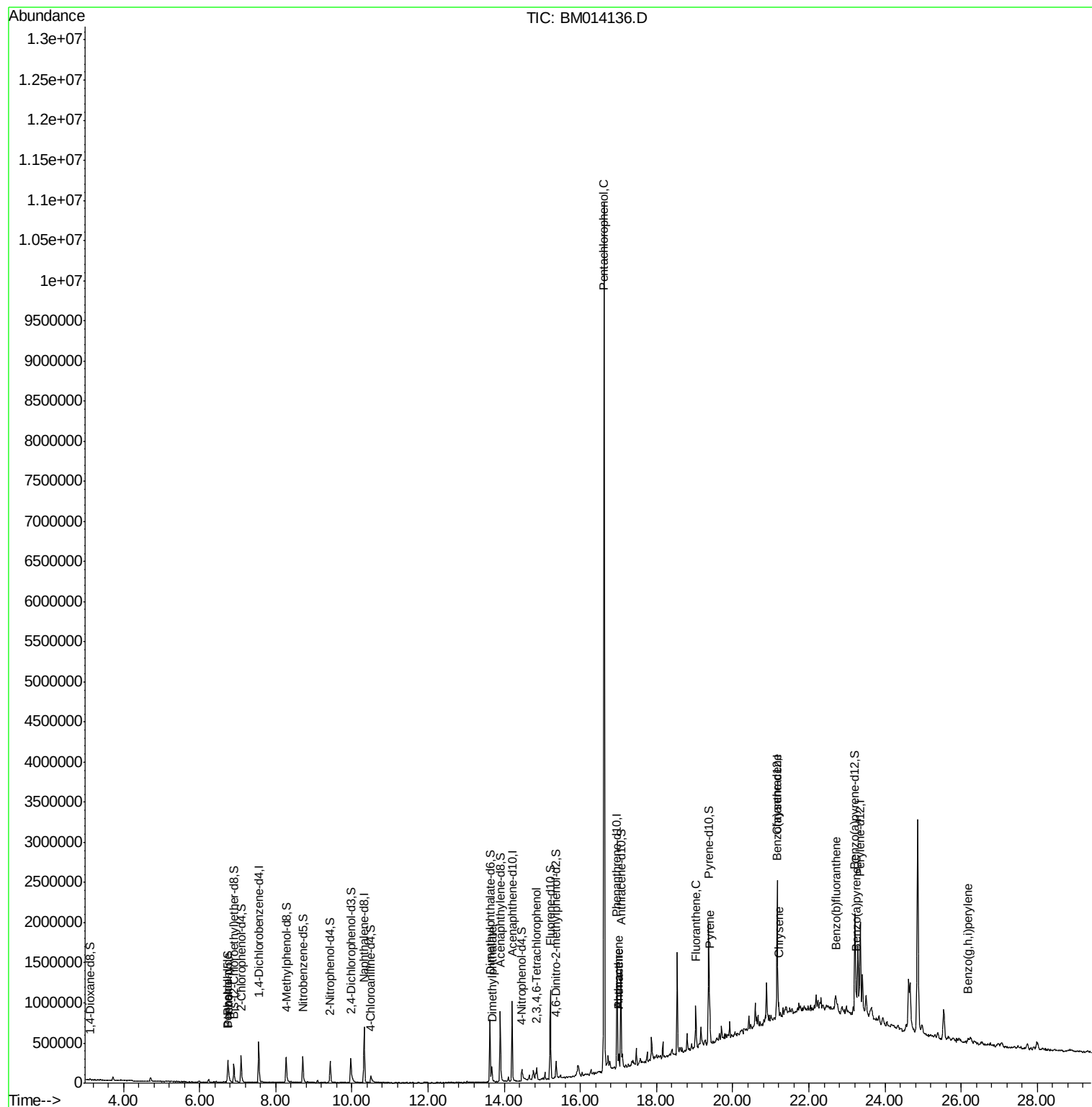
					Ovalue	
4) Benzaldehyde	6.72	77	10281	2.265	ng/ul	85
6) Phenol	6.77	94	17183	1.815	ng/ul#	91
44) Dimethylphthalate	13.67	163	116629	4.712	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.85	232	32843	4.821	ng/ul#	99
68) Pentachlorophenol	16.63	266	1742807	375.758	ng/ul	98
69) Phenanthrene	17.00	178	70751	1.776	ng/ul	97
71) Anthracene	17.00	178	70751	1.753	ng/ul	96
74) Fluoranthene	19.03	202	278185	5.614	ng/ul#	95
77) Pyrene	19.40	202	271480	5.938	ng/ul	99
80) Benzo(a)anthracene	21.16	228	79054	1.656	ng/ul#	94
82) Chrysene	21.20	228	83795	1.868	ng/ul#	90
85) Benzo(b)fluoranthene	22.70	252	145699	3.092	ng/ul#	92
88) Benzo(a)pyrene	23.26	252	46815	1.054	ng/ul#	87
91) Benzo(g,h,i)perylene	26.19	276	64133	1.594	ng/ul#	87

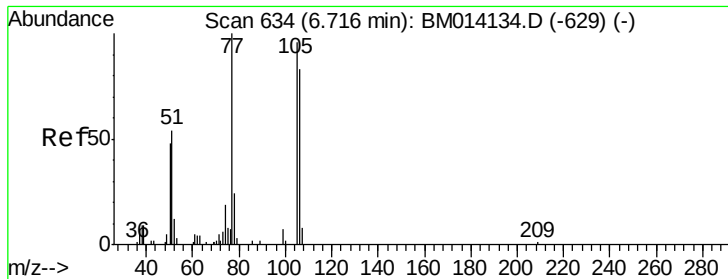
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
ClientSampled :

Quant Time: Feb 03 06:15:43 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 03 04:17:00 2018
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.265 ng/ul

RT: 6.72 min Scan# 635

Delta R.T. 0.01 min

Lab File: BM014136.D

Acq: 03 Feb 2018 04:43

Instrument :

BNA_M

ClientSampleId :

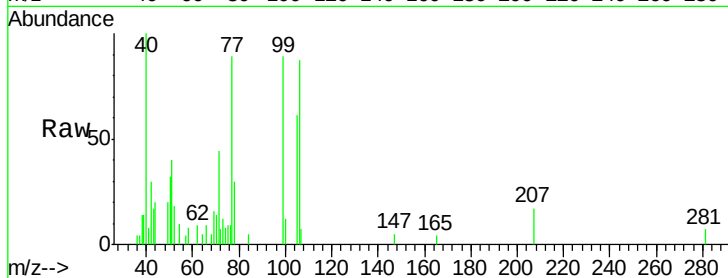
Tot Ion: 77 Resp: 10281

Ion Ratio Lower Upper

77 100

105 68.2 66.1 99.1

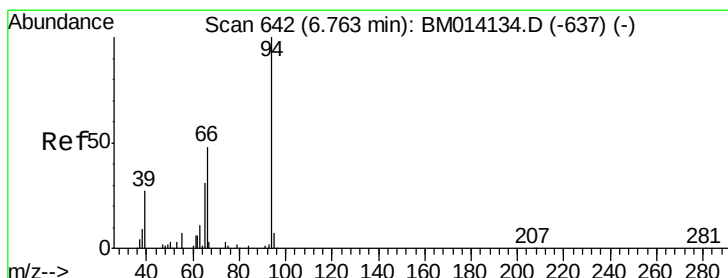
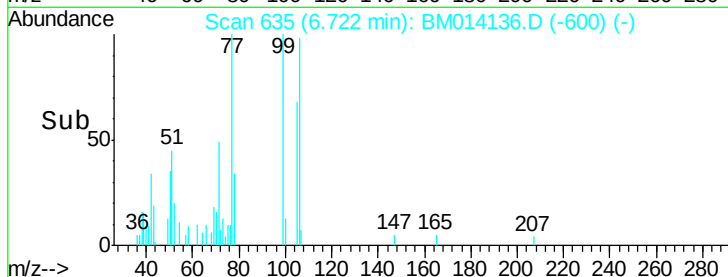
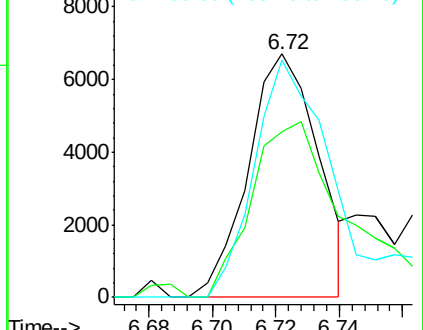
106 97.7 67.8 101.6



Abundance Ion 77.00 (76.70 to 77.70): BM014136.D (-600) (-)

Ion 105.00 (104.70 to 105.70): BM014136.D (-600) (-)

Ion 106.00 (105.70 to 106.70): BM014136.D (-600) (-)



#6

Phenol

Concen: 1.815 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM014136.D

Acq: 03 Feb 2018 04:43

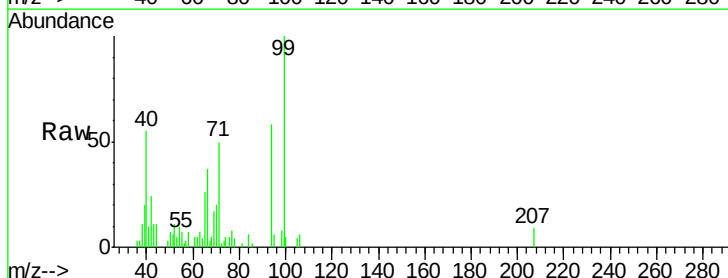
Tgt Ion: 94 Resp: 17183

Ion Ratio Lower Upper

94 100

65 44.3 28.2 42.4#

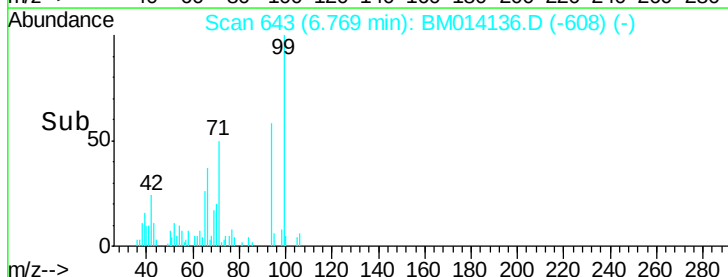
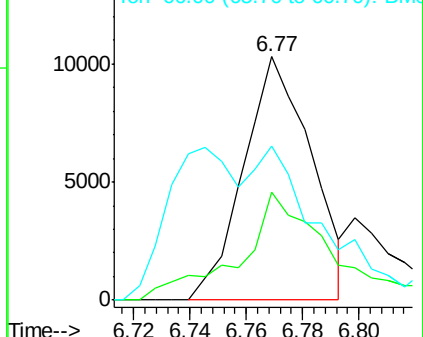
66 63.2 47.2 70.8

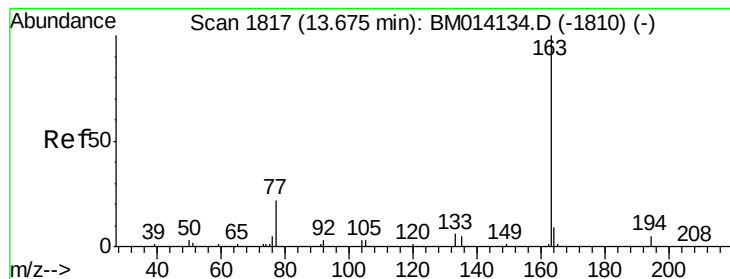


Abundance Ion 94.00 (93.70 to 94.70): BM014136.D (-608) (-)

Ion 65.00 (64.70 to 65.70): BM014136.D (-608) (-)

Ion 66.00 (65.70 to 66.70): BM014136.D (-608) (-)





#44

Dimethylphthalate

Concen: 4.712 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BM014136.D

Acq: 03 Feb 2018 04:43

Instrument :

BNA_M

ClientSampleId :

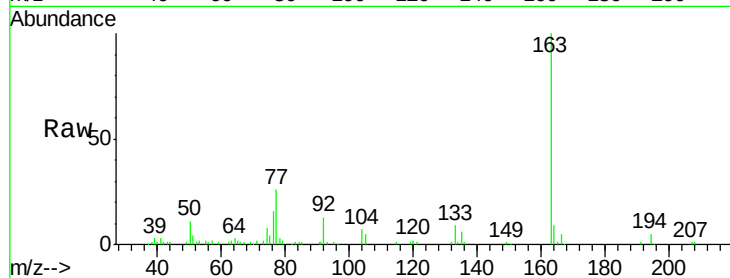
Tot Ion:163 Resp: 116629

Ion Ratio Lower Upper

163 100

194 5.2 3.5 5.3

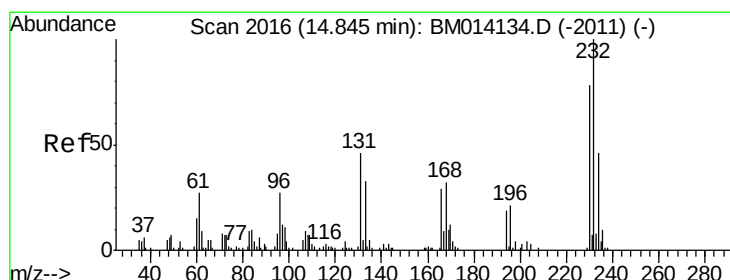
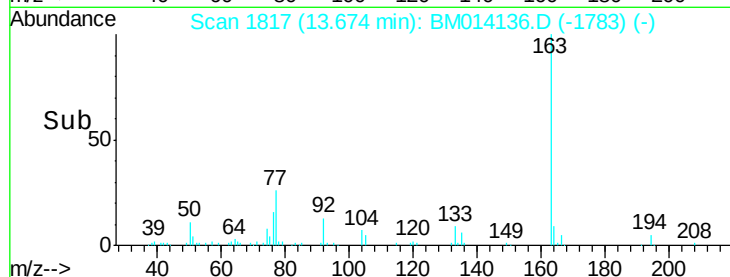
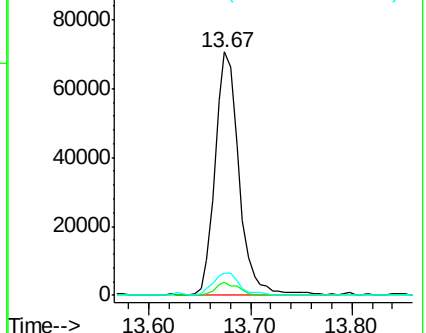
164 9.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 4.821 ng/ul

RT: 14.85 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BM014136.D

Acq: 03 Feb 2018 04:43

Tgt Ion:232 Resp: 32843

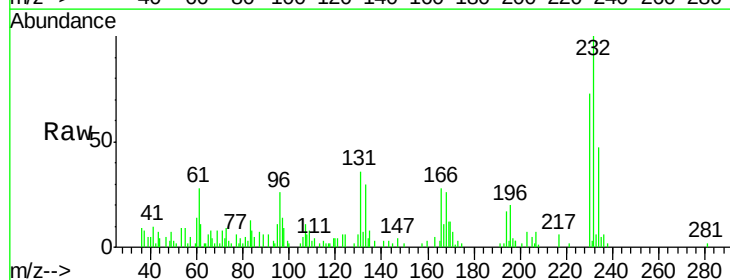
Ion Ratio Lower Upper

232 100

131 36.2 29.0 43.4

130 6.0 2.0 3.0#

166 27.7 21.4 32.2

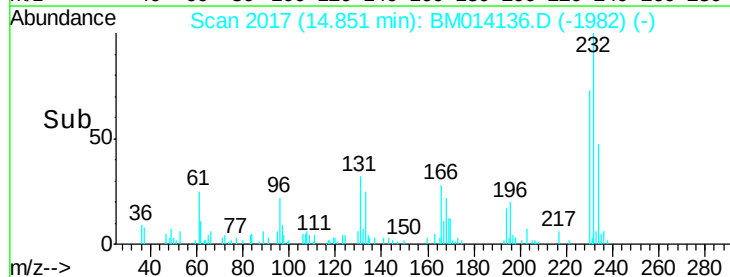
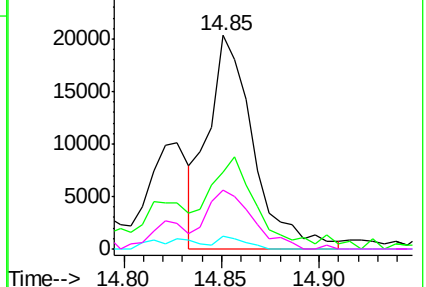


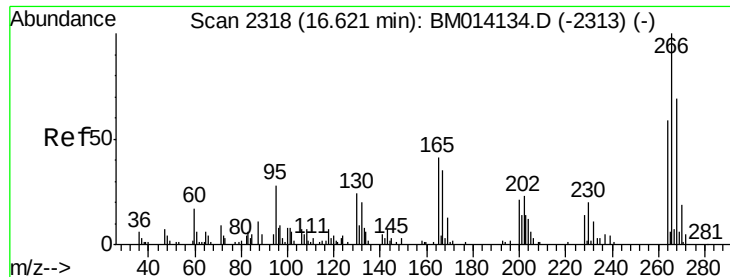
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



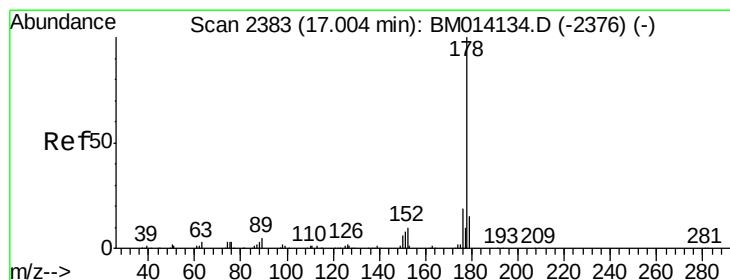
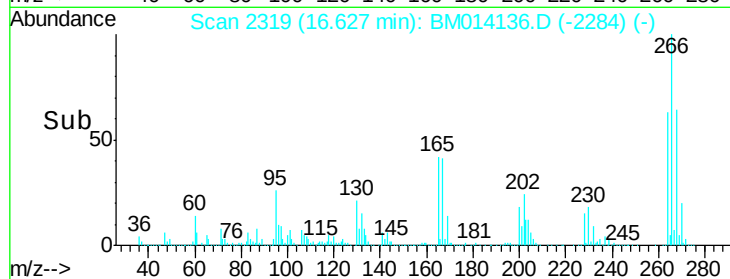
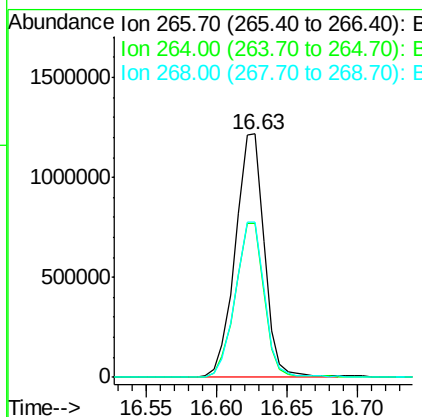
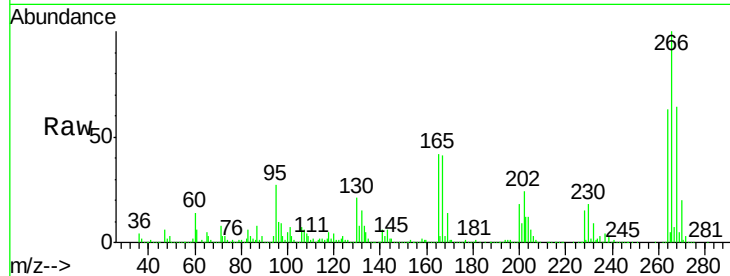


#68
 Pentachlorophenol
 Concen: 375.758 ng/ul
 RT: 16.63 min Scan# 2319
 Delta R.T. 0.01 min
 Lab File: BM014136.D
 Acq: 03 Feb 2018 04:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 1742807

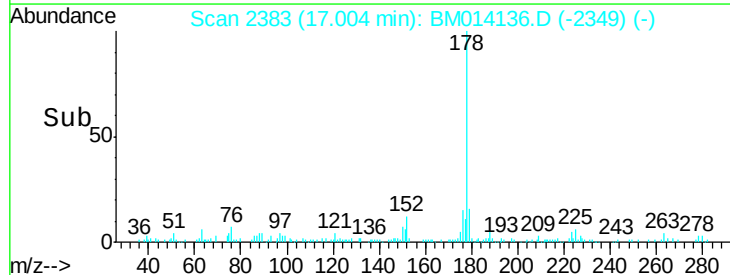
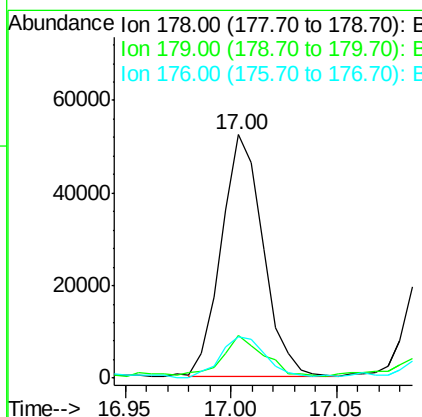
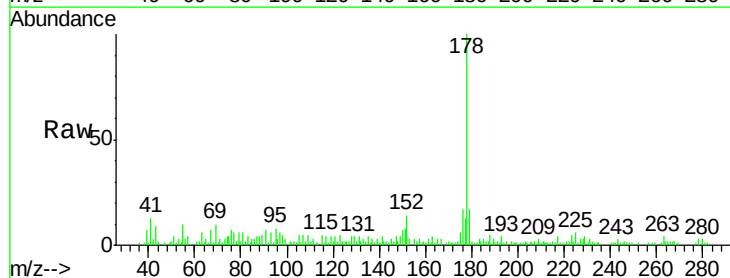
Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.3	73.9
268	63.9	52.6	78.8

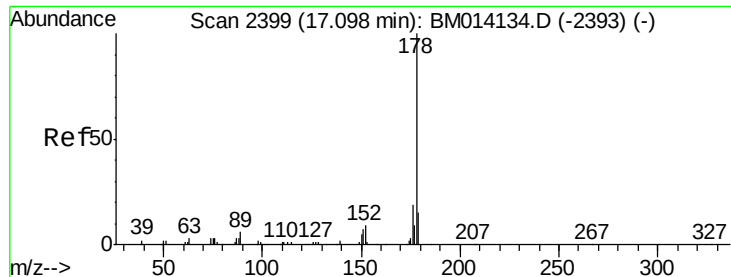


#69
 Phenanthrene
 Concen: 1.776 ng/ul
 RT: 17.00 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BM014136.D
 Acq: 03 Feb 2018 04:43

Tgt Ion:178 Resp: 70751

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.6	19.0
176	17.1	14.9	22.3

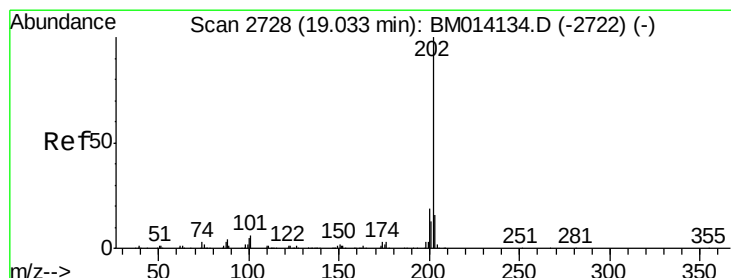
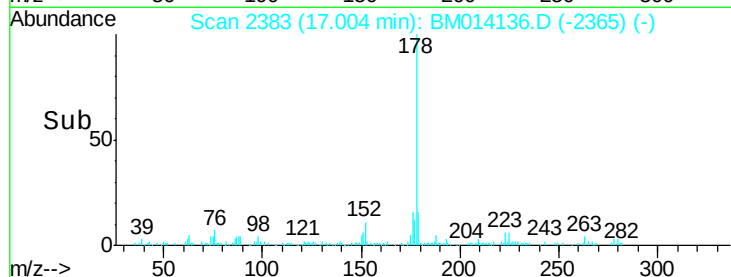
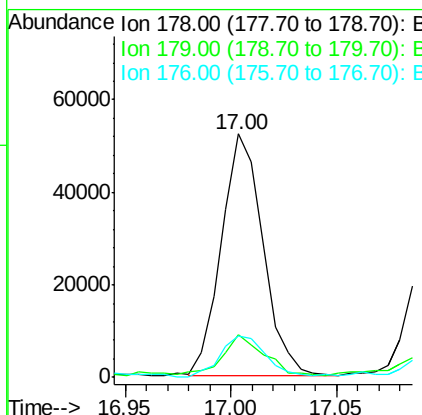
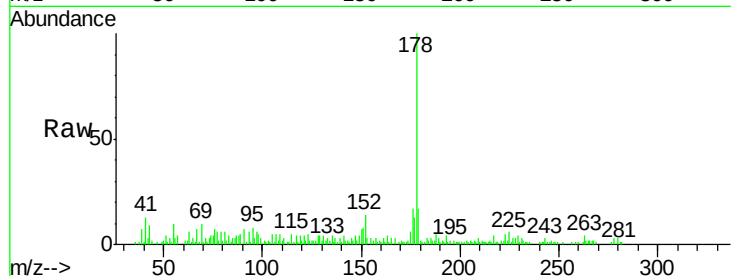




#71
 Anthracene
 Concen: 1.753 ng/ul
 RT: 17.00 min Scan# 2383
 Delta R.T. -0.09 min
 Lab File: BM014136.D
 Acq: 03 Feb 2018 04:43

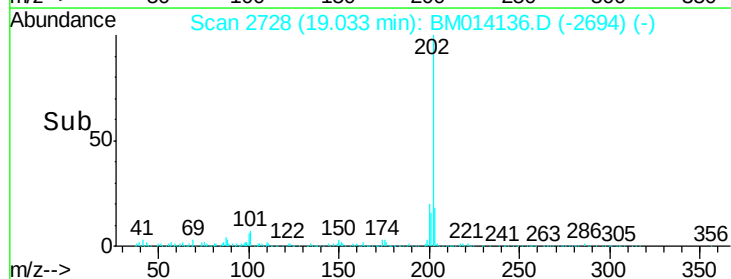
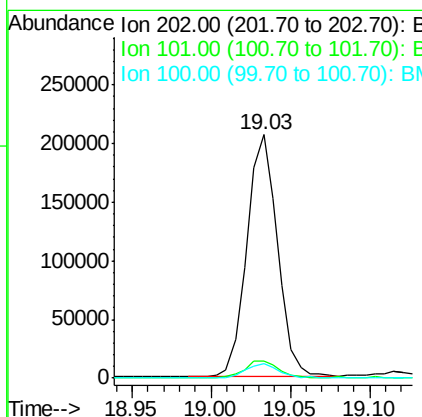
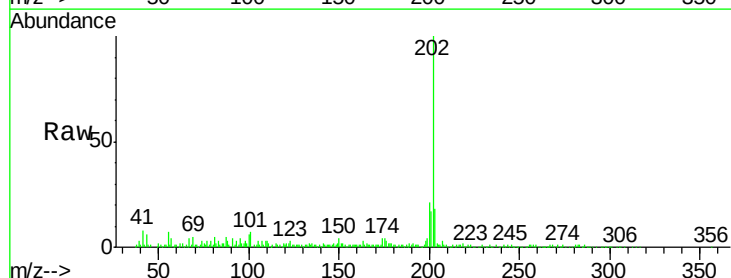
Instrument :
 BNA_M
 ClientSampleId :

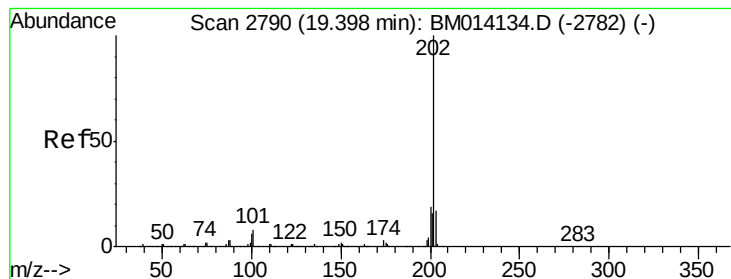
Tot Ion:178 Resp: 70751
 Ion Ratio Lower Upper
 178 100
 179 17.3 11.7 17.5
 176 17.1 14.6 21.8



#74
 Fluoranthene
 Concen: 5.614 ng/ul
 RT: 19.03 min Scan# 2728
 Delta R.T. -0.00 min
 Lab File: BM014136.D
 Acq: 03 Feb 2018 04:43

Tgt Ion:202 Resp: 278185
 Ion Ratio Lower Upper
 202 100
 101 7.2 4.6 7.0#
 100 6.1 3.4 5.2#





#77

Pvrene

Concen: 5.938 ng/ul

RT: 19.40 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BM014136.D

Acq: 03 Feb 2018 04:43

Instrument :

BNA_M

ClientSampleId :

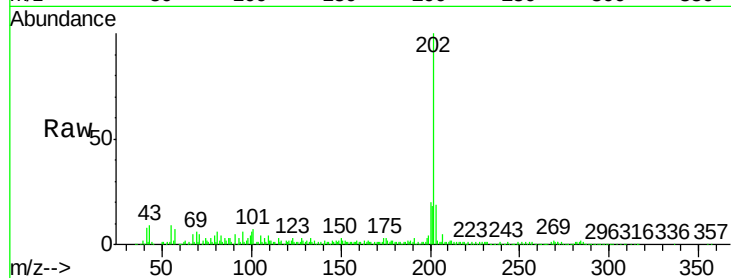
Tot Ion:202 Resp: 271480

Ion Ratio Lower Upper

202 100

101 7.0 5.1 7.7

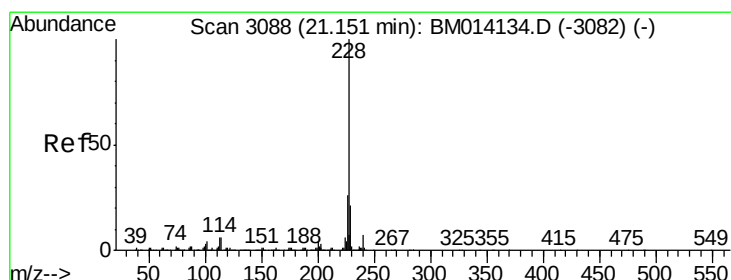
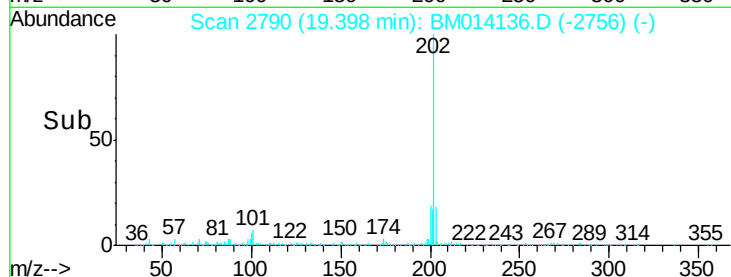
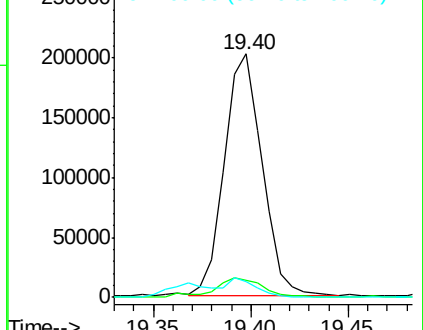
100 6.4 4.9 7.3



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: 1.656 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BM014136.D

Acq: 03 Feb 2018 04:43

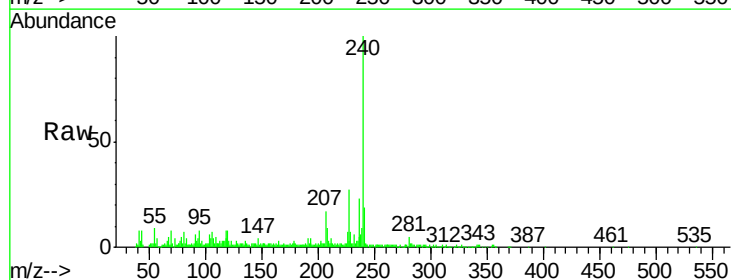
Tgt Ion:228 Resp: 79054

Ion Ratio Lower Upper

228 100

229 25.5 15.4 23.0#

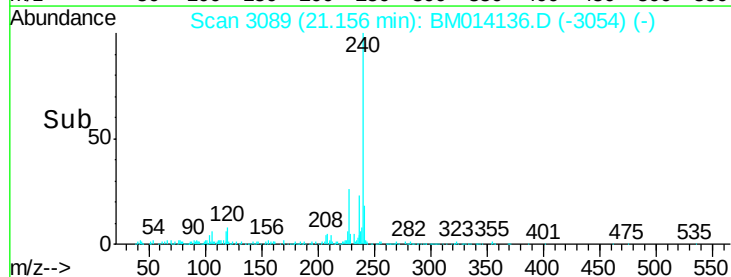
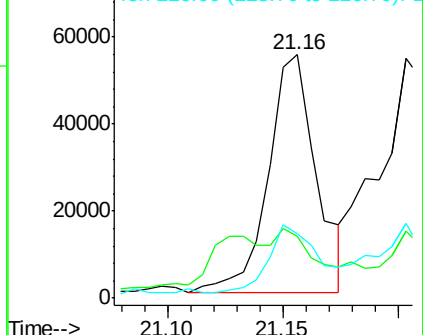
226 26.3 21.4 32.0

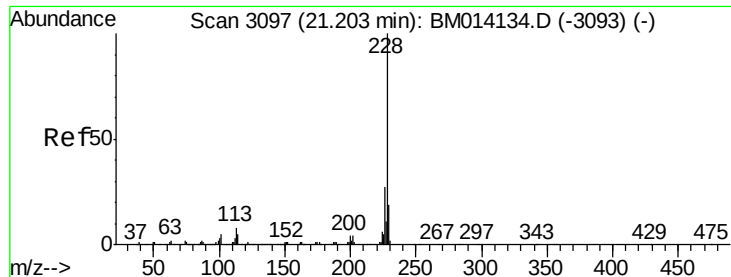


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.868 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM014136.D

Acq: 03 Feb 2018 04:43

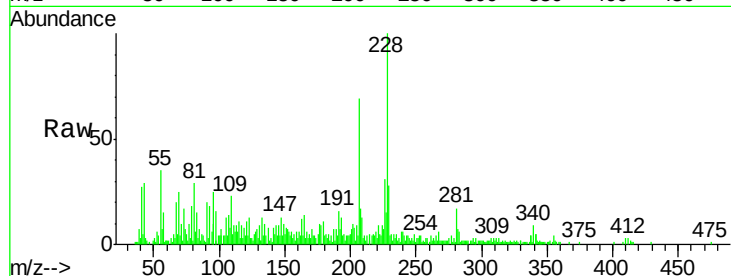
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 83795

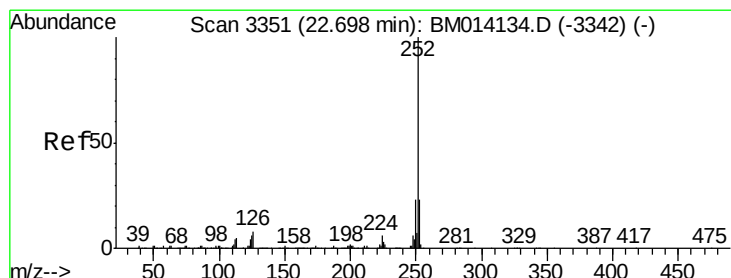
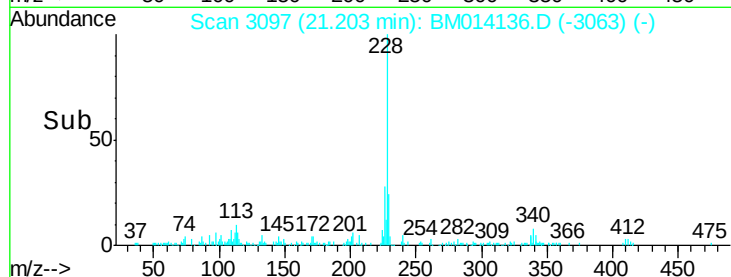
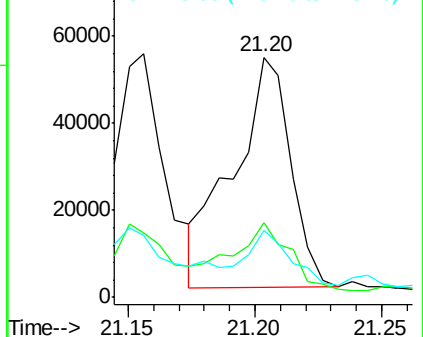
Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	28.2	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 3.092 ng/ul

RT: 22.70 min Scan# 3352

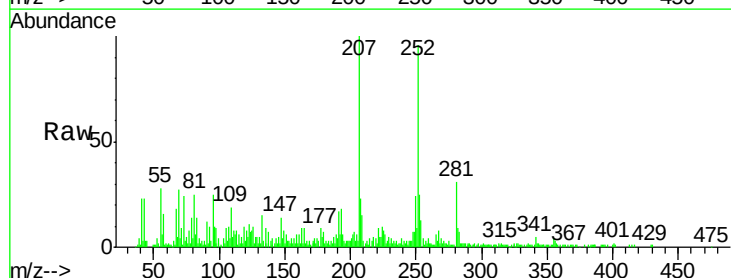
Delta R.T. 0.01 min

Lab File: BM014136.D

Acq: 03 Feb 2018 04:43

Tgt Ion:252 Resp: 145699

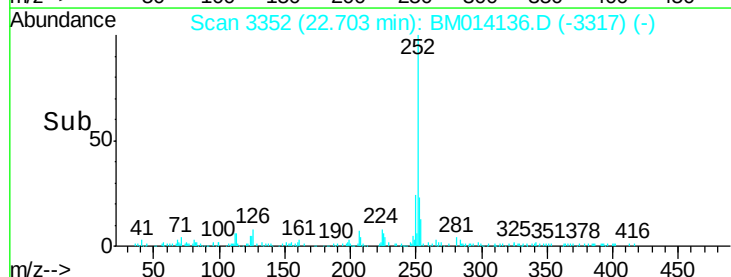
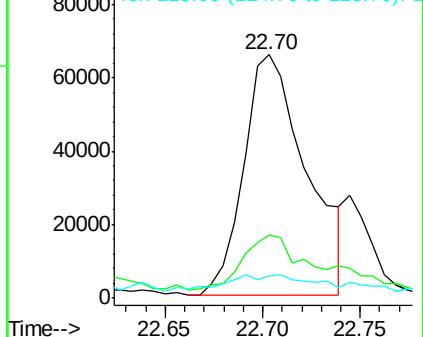
Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	8.9	3.6	5.4

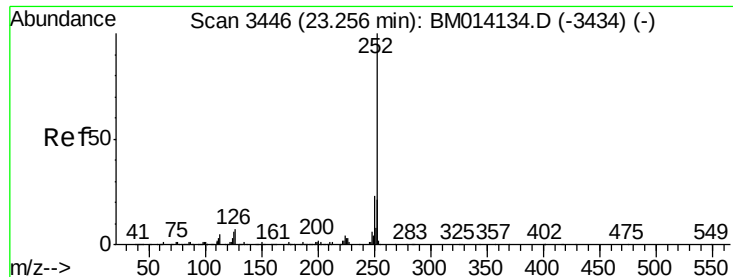


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.054 ng/ul

RT: 23.26 min Scan# 3446

Delta R.T. -0.00 min

Lab File: BM014136.D

Acq: 03 Feb 2018 04:43

Instrument :

BNA_M

ClientSampleId :

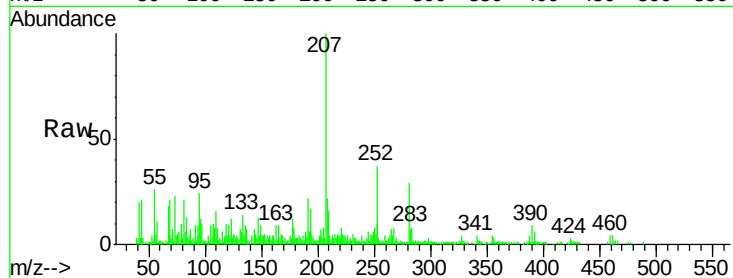
Tot Ion:252 Resp: 46815

Ion Ratio Lower Upper

252 100

253 27.4 18.2 27.2#

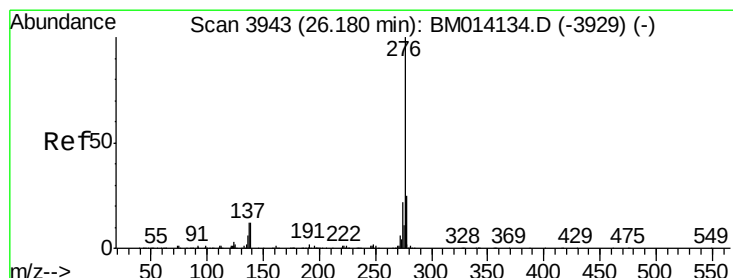
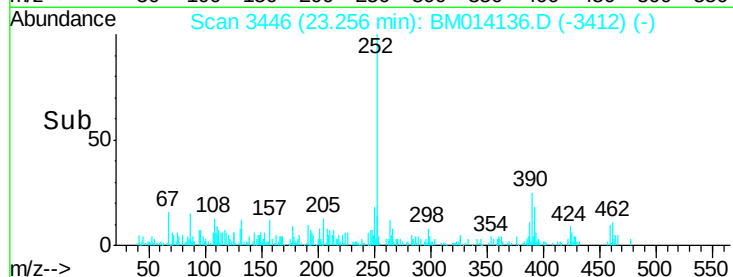
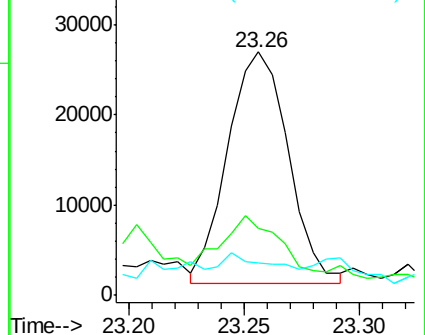
125 13.5 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 1.594 ng/ul

RT: 26.19 min Scan# 3944

Delta R.T. 0.01 min

Lab File: BM014136.D

Acq: 03 Feb 2018 04:43

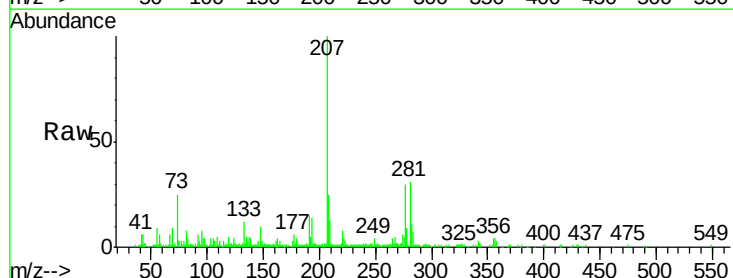
Tgt Ion:276 Resp: 64133

Ion Ratio Lower Upper

276 100

138 12.6 8.5 12.7

277 31.1 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

