

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM032218\
 Data File : BM014656.D
 Acq On : 22 Mar 2018 13:04
 Operator : SJ/JU
 Sample : J1935-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 22 18:17:37 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:49:10 2018
 Response via : Initial Calibration

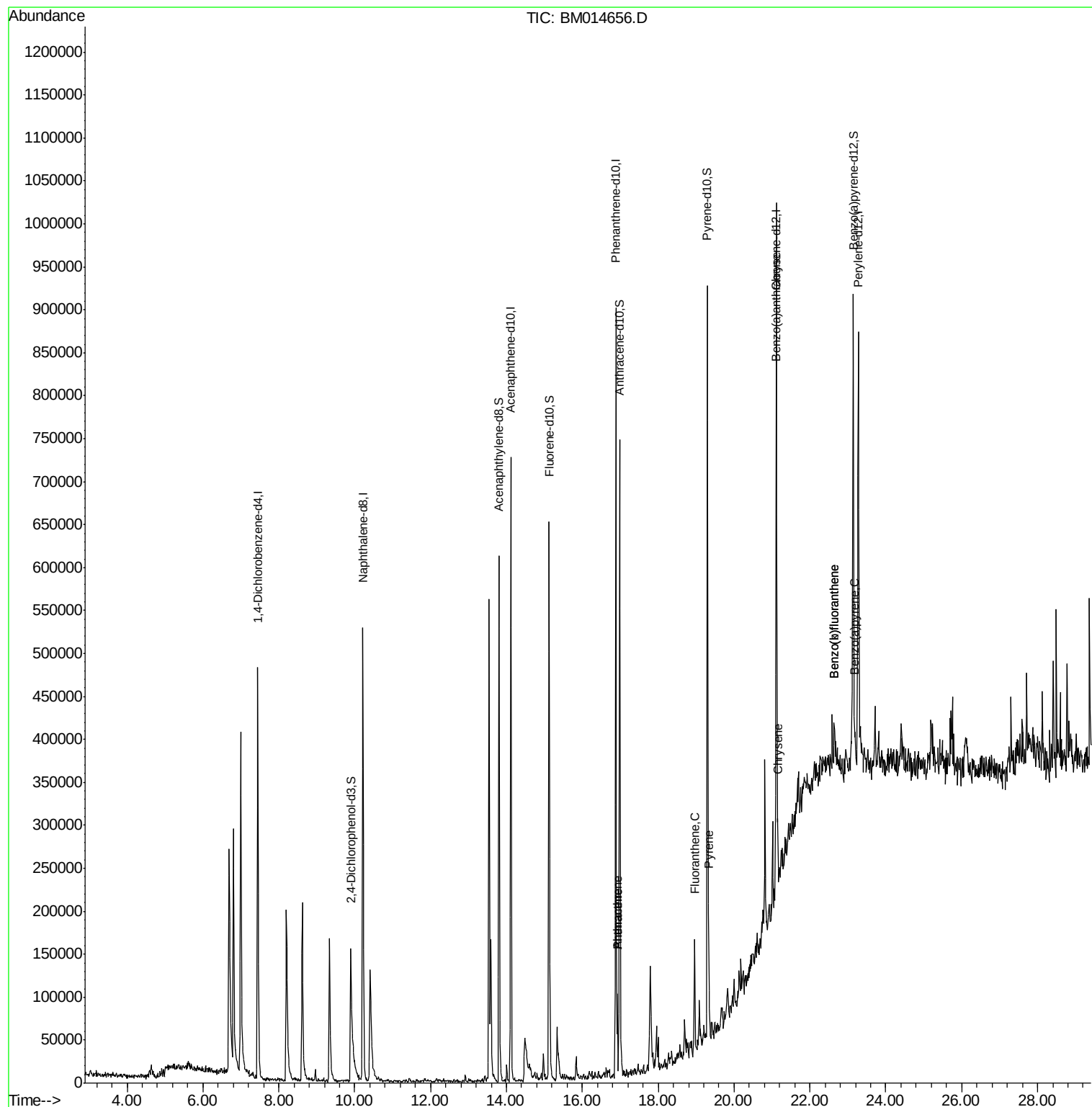
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	116452	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	392683	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	208469	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.88	188	440363	20.00	ng/ul	0.00
18) Chrysene-d12	21.11	240	337825	20.00	ng/ul	0.00
23) Perylene-d12	23.27	264	322811	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.90	165	66782	11.00	ng/ul	0.02
7) Acenaphthylene-d8	13.80	160	394519	17.71	ng/ul	0.00
10) Fluorene-d10	15.12	176	267738	18.34	ng/ul	0.00
15) Anthracene-d10	16.98	188	394338	18.71	ng/ul	0.00
19) Pyrene-d10	19.30	212	398006	19.60	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.14	264	319154	20.44	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	16.93	178	49773	2.018	ng/ul	98
16) Anthracene	16.93	178	49773	2.019	ng/ul	97
17) Fluoranthene	18.96	202	54084	1.932	ng/ul#	94
20) Pyrene	19.33	202	74931	2.949	ng/ul#	95
21) Benzo(a)anthracene	21.10	228	26108	1.222	ng/ul	98
22) Chrysene	21.15	228	34959	1.780	ng/ul	93
24) Benzo(b)fluoranthene	22.64	252	28515	1.405	ng/ul#	87
25) Benzo(k)fluoranthene	22.64	252	36258	1.880	ng/ul#	85
27) Benzo(a)pyrene	23.19	252	22779	1.182	ng/ul	99

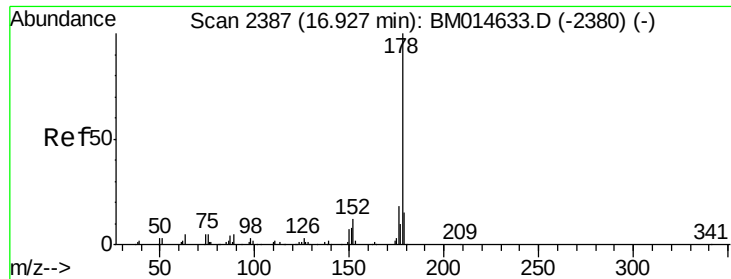
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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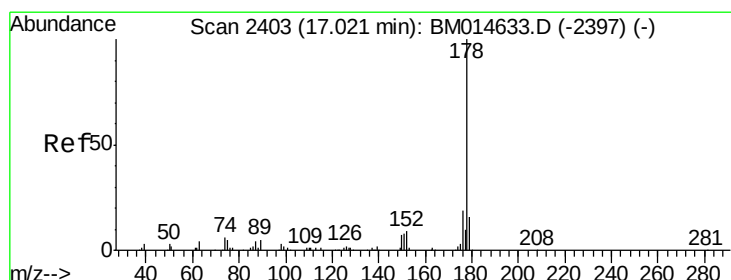
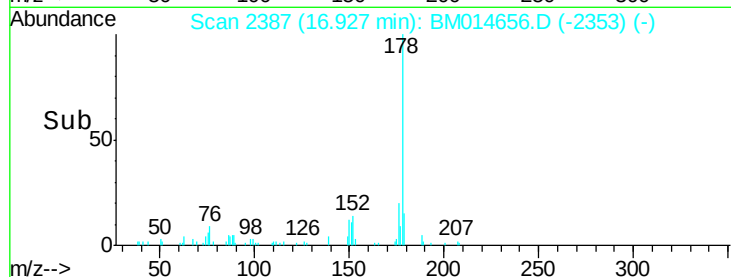
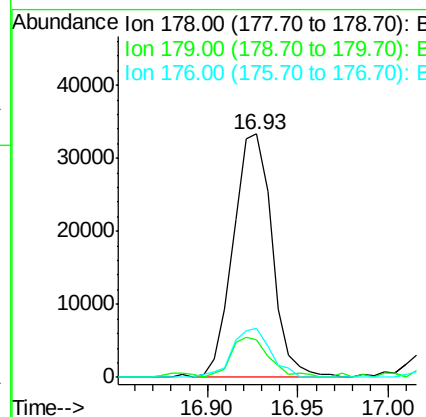
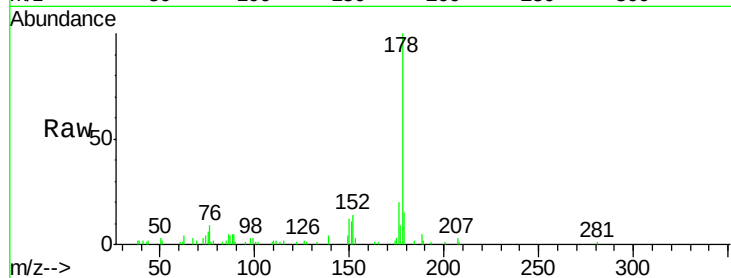




#14
Phenanthrene
Concen: 2.018 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. 0.00 min
Lab File: BM014656.D
Acq: 22 Mar 2018 13:04

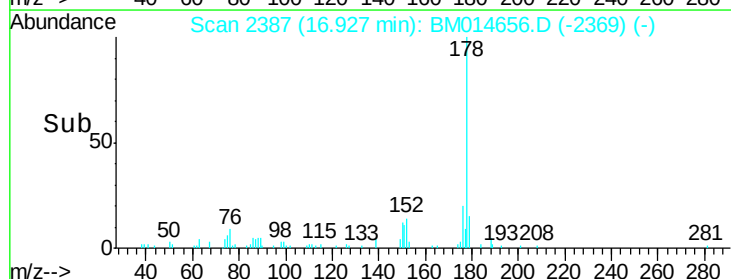
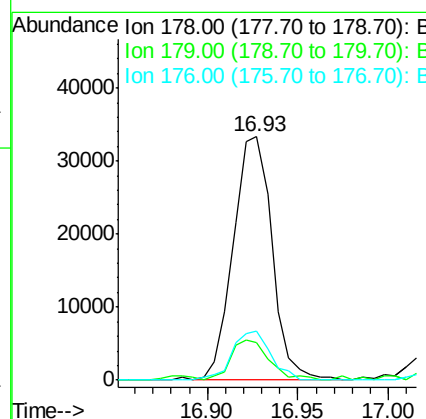
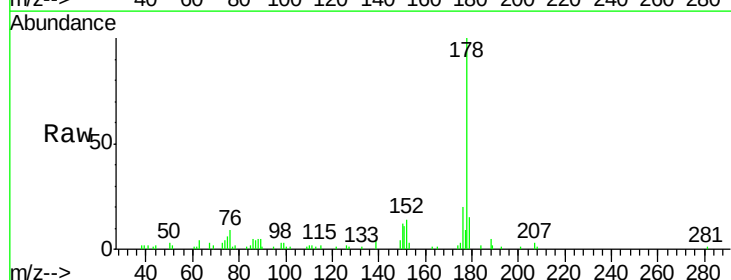
Instrument :
BNA_M
ClientSampleId :

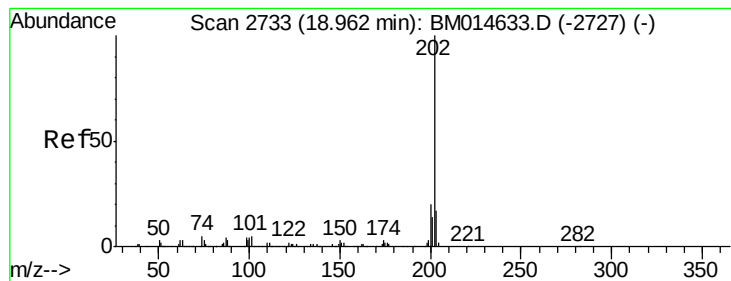
Tot Ion:178 Resp: 49773
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 20.1 14.9 22.3



#16
Anthracene
Concen: 2.019 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.09 min
Lab File: BM014656.D
Acq: 22 Mar 2018 13:04

Tgt Ion:178 Resp: 49773
Ion Ratio Lower Upper
178 100
179 15.4 11.7 17.5
176 20.1 14.6 21.8





#17

Fluoranthene

Concen: 1.932 ng/ul

RT: 18.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BM014656.D

Acq: 22 Mar 2018 13:04

Instrument :

BNA_M

ClientSampleId :

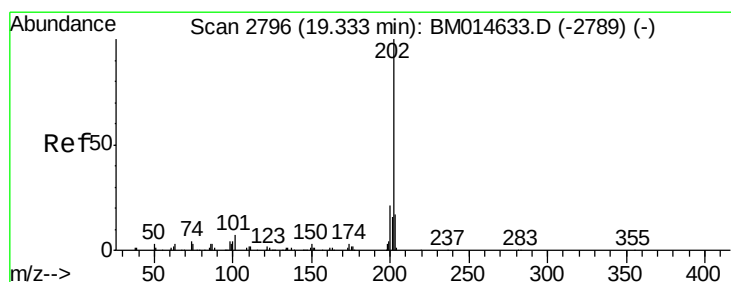
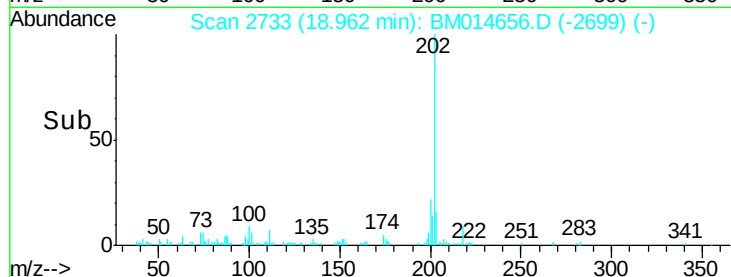
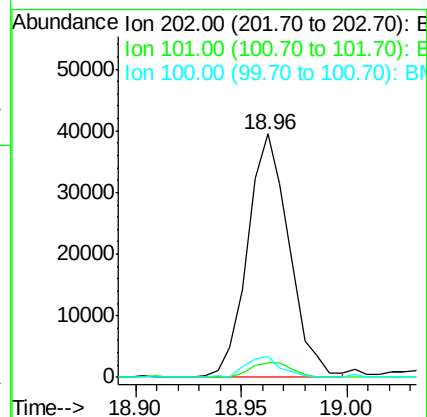
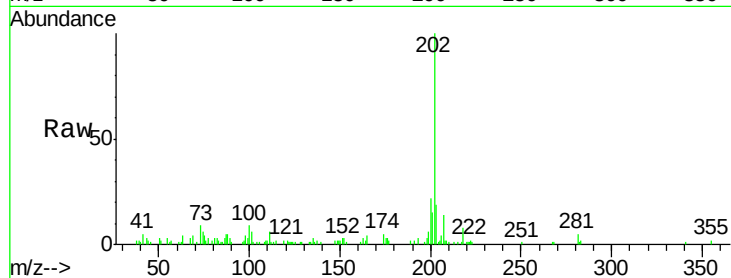
Tot Ion:202 Resp: 54084

Ion Ratio Lower Upper

202 100

101 5.7 4.6 7.0

100 8.7 3.4 5.2#



#20

Pyrene

Concen: 2.949 ng/ul

RT: 19.33 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM014656.D

Acq: 22 Mar 2018 13:04

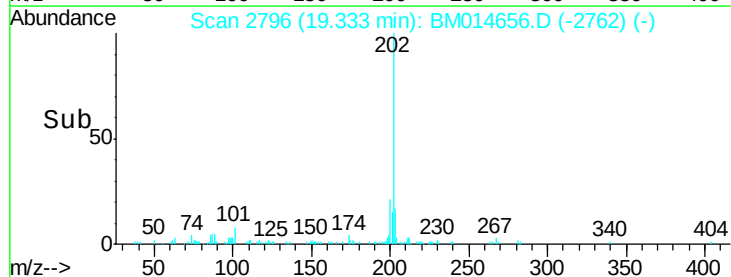
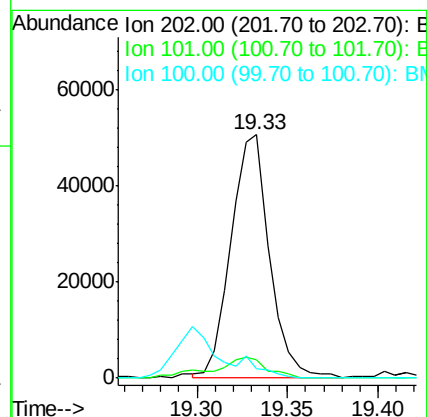
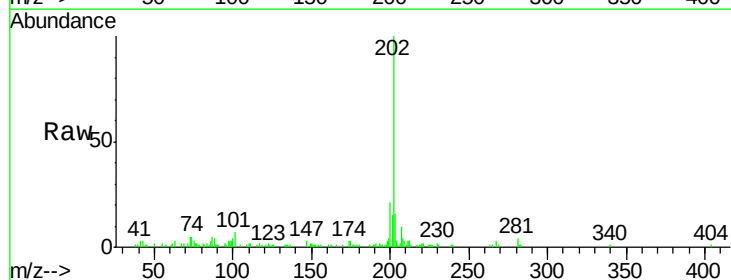
Tgt Ion:202 Resp: 74931

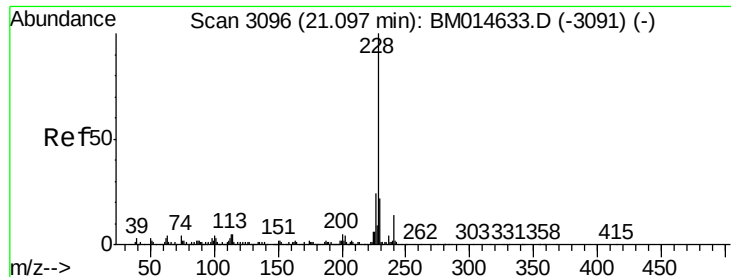
Ion Ratio Lower Upper

202 100

101 7.5 5.1 7.7

100 3.8 4.9 7.3#





#21

Benzo(a)anthracene

Concen: 1.222 ng/ul

RT: 21.10 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM014656.D

Acq: 22 Mar 2018 13:04

Instrument :

BNA_M

ClientSampled :

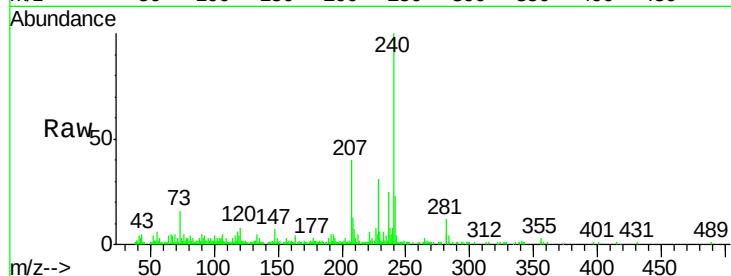
Tot Ion:228 Resp: 26108

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

226 25.6 21.4 32.0

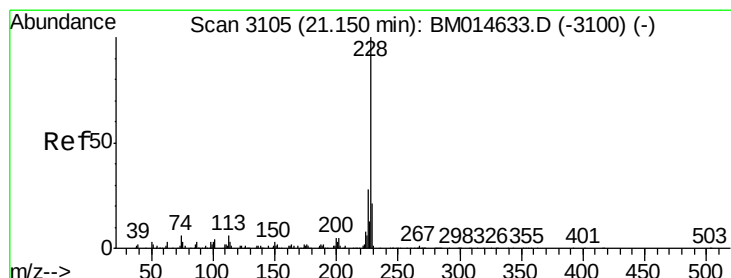
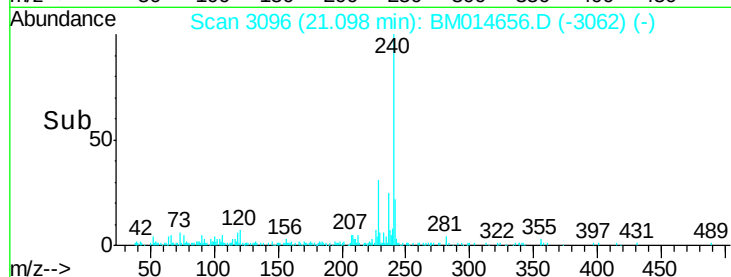
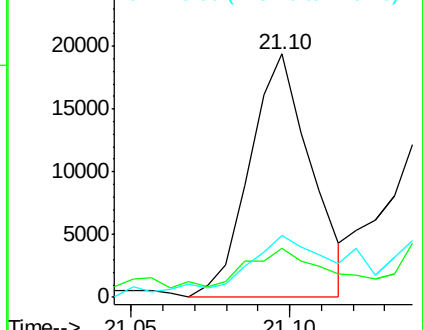


Abundance

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



#22

Chrysene

Concen: 1.780 ng/ul

RT: 21.15 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM014656.D

Acq: 22 Mar 2018 13:04

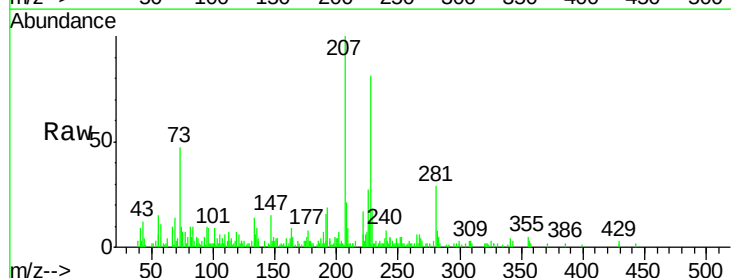
Tgt Ion:228 Resp: 34959

Ion Ratio Lower Upper

228 100

226 33.3 23.4 35.2

229 21.7 15.5 23.3

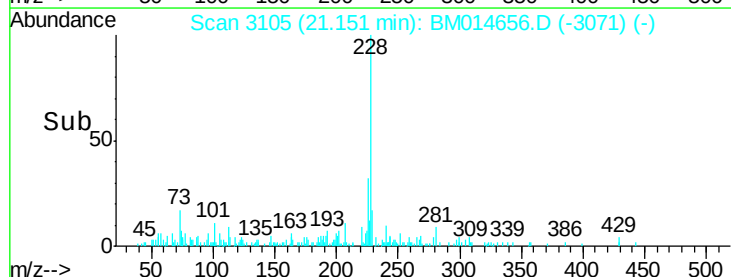
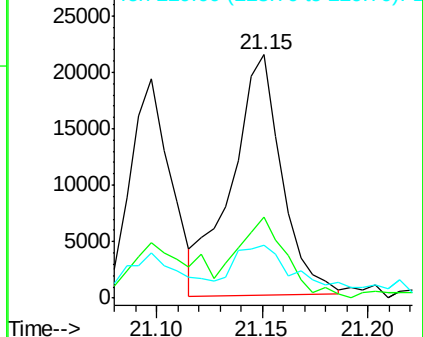


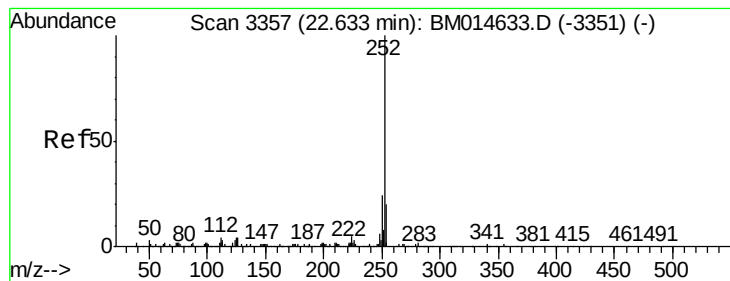
Abundance

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





#24

Benzo(b)fluoranthene

Concen: 1.405 ng/ul

RT: 22.64 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM014656.D

Acq: 22 Mar 2018 13:04

Instrument :

BNA_M

ClientSampleId :

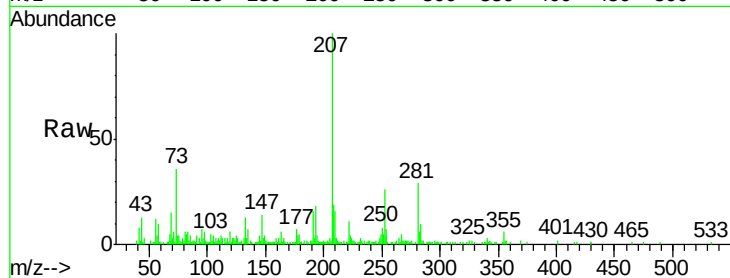
Tot Ion:252 Resp: 28515

Ion Ratio Lower Upper

252 100

253 26.0 17.9 26.9

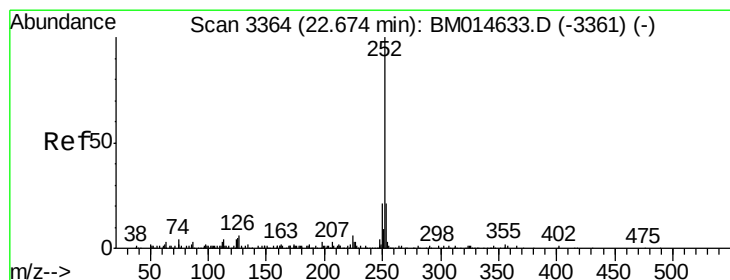
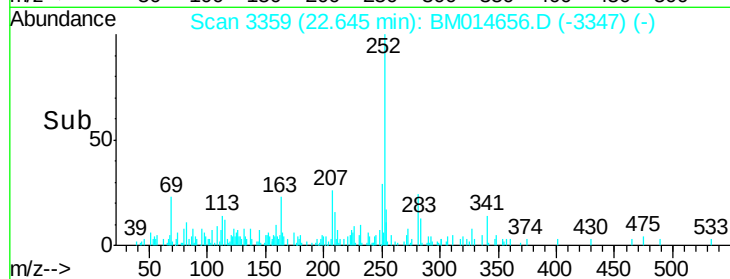
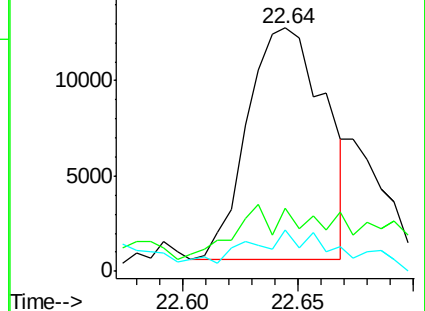
125 16.8 3.6 5.4#



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



#25

Benzo(k)fluoranthene

Concen: 1.880 ng/ul

RT: 22.64 min Scan# 3359

Delta R.T. -0.03 min

Lab File: BM014656.D

Acq: 22 Mar 2018 13:04

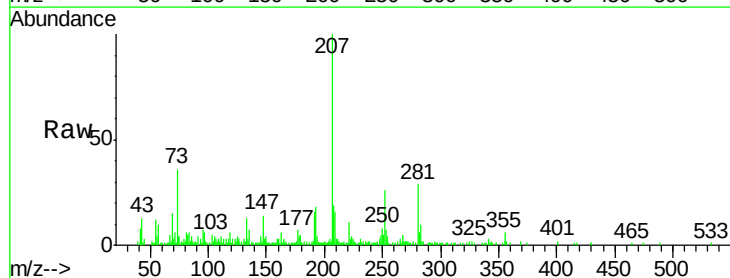
Tgt Ion:252 Resp: 36258

Ion Ratio Lower Upper

252 100

253 26.0 17.1 25.7#

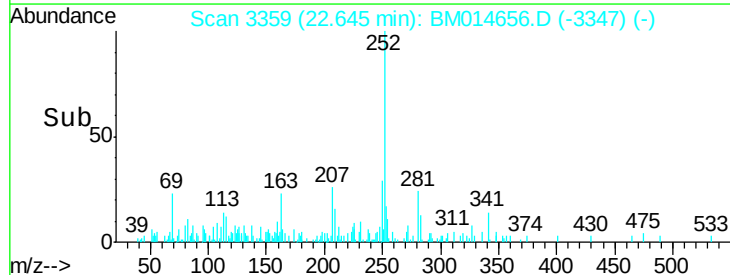
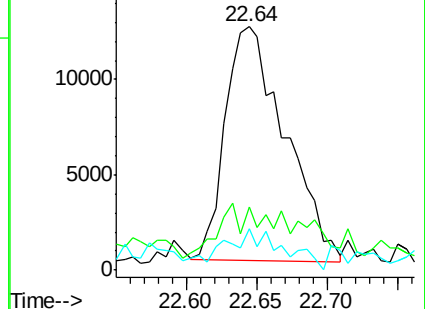
125 16.8 3.4 5.2#

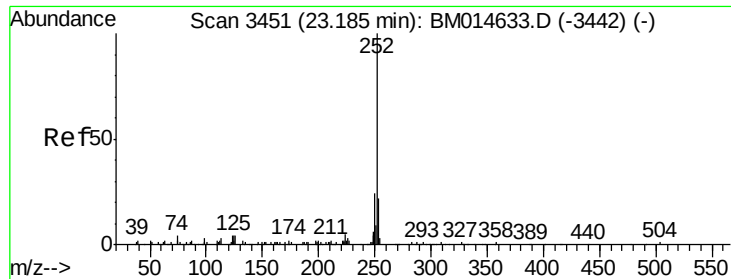


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 1.182 ng/ul

RT: 23.19 min Scan# 3451

Delta R.T. 0.00 min

Lab File: BM014656.D

Acq: 22 Mar 2018 13:04

Instrument :

BNA_M

ClientSampleId :

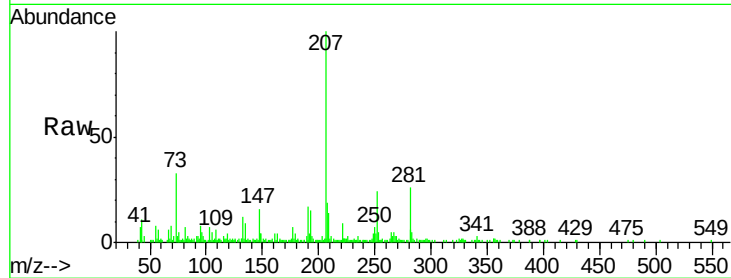
Tot Ion:252 Resp: 22779

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 4.8 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

