

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031518\
 Data File : BM014592.D
 Acq On : 16 Mar 2018 00:40
 Operator : SJ/JU
 Sample : J1904-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEKZ9

Quant Time: Mar 16 15:57:10 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 15:09:29 2018
 Response via : Initial Calibration

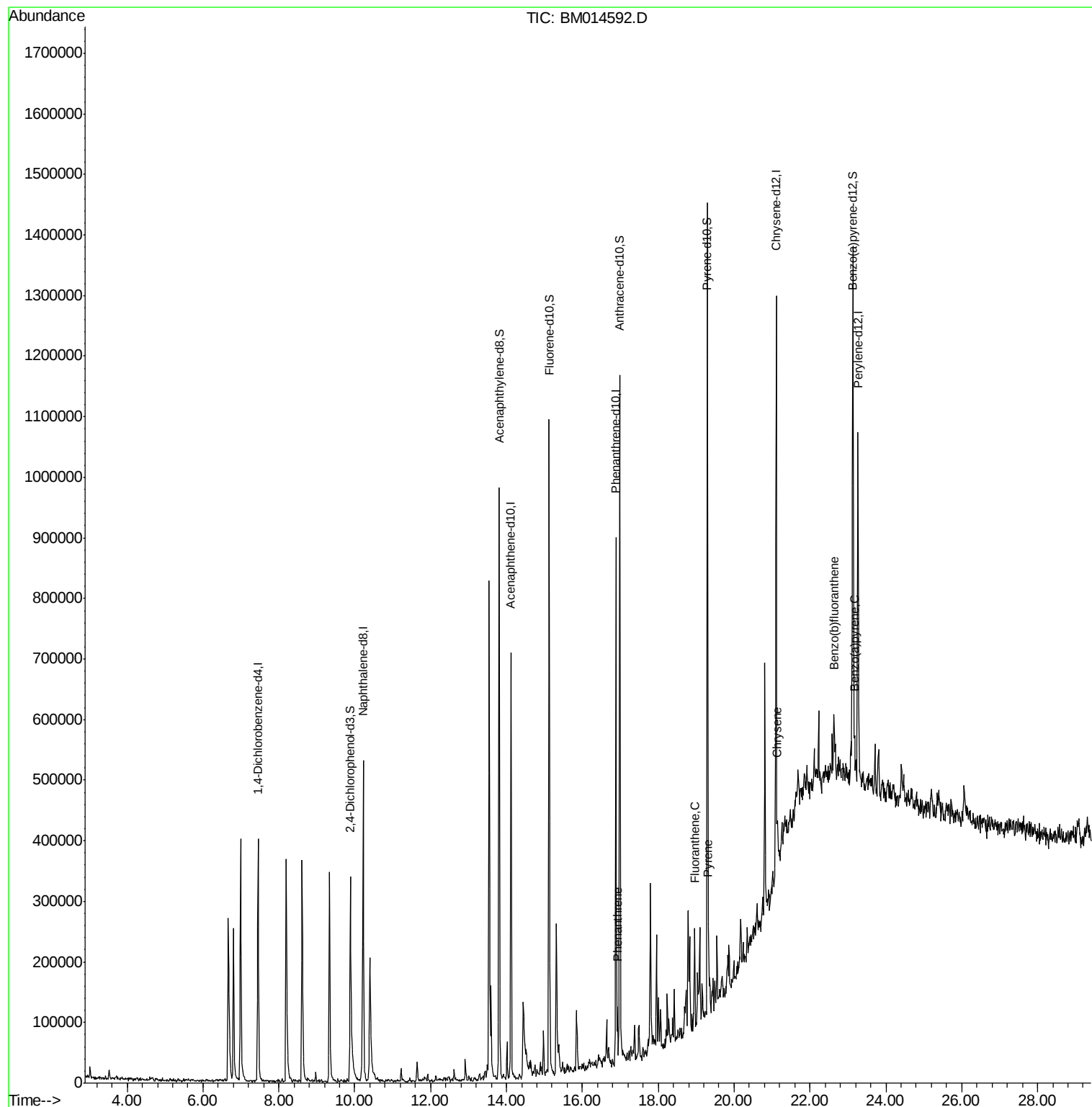
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	95507	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	376956	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	208379	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	426271	20.00	ng/ul	0.00
18) Chrysene-d12	21.11	240	394667	20.00	ng/ul	0.00
23) Perylene-d12	23.27	264	373913	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.88	165	136396	23.41	ng/ul	0.00
7) Acenaphthylene-d8	13.81	160	608760	27.34	ng/ul	0.00
10) Fluorene-d10	15.13	176	392040	26.87	ng/ul	0.00
15) Anthracene-d10	16.99	188	568190	27.84	ng/ul	0.00
19) Pyrene-d10	19.30	212	607835	25.62	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.13	264	491095	27.15	ng/ul	-0.01
Target Compounds				Qvalue		
14) Phenanthrene	16.93	178	44908	1.881	ng/ul	98
17) Fluoranthene	18.96	202	75278	2.778	ng/ul#	96
20) Pyrene	19.33	202	75748	2.552	ng/ul	97
22) Chrysene	21.14	228	51616	2.249	ng/ul	94
24) Benzo(b)fluoranthene	22.63	252	53802	2.289	ng/ul#	94
27) Benzo(a)pyrene	23.17	252	41070	1.841	ng/ul#	88

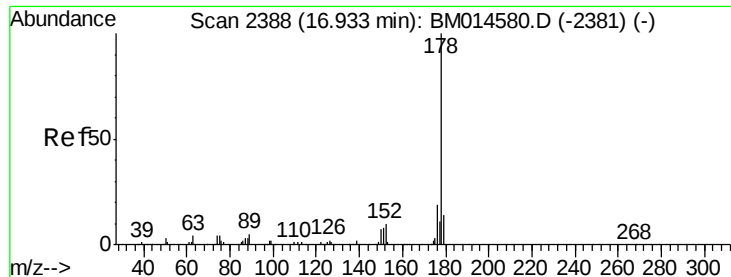
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 1.881 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.01 min

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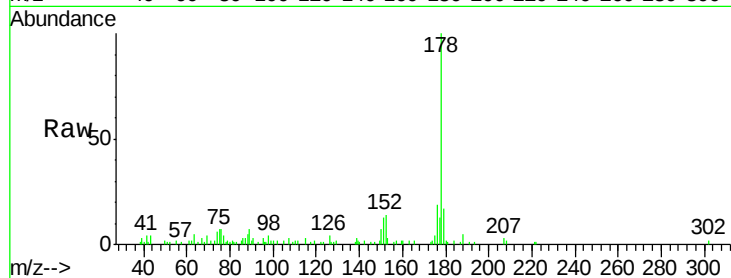
Tot Ion:178 Resp: 44908

Ion Ratio Lower Upper

178 100

179 16.9 12.6 19.0

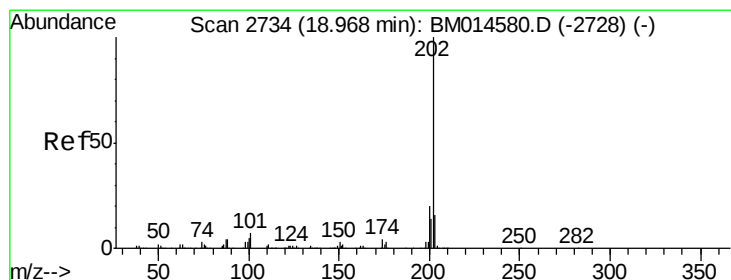
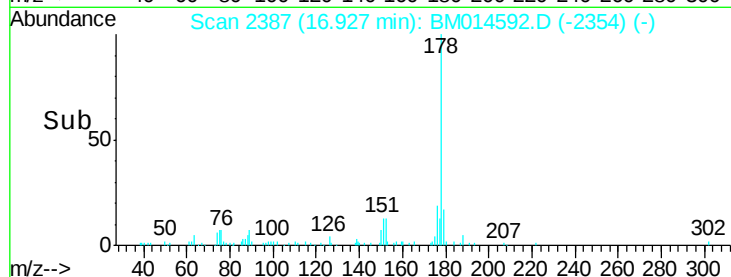
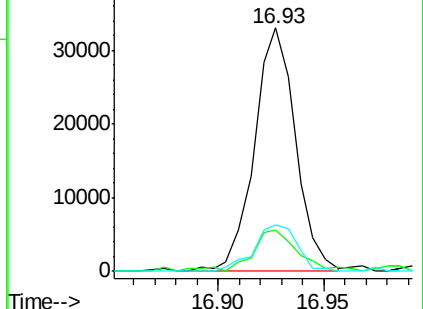
176 19.3 14.9 22.3



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



#17

Fluoranthene

Concen: 2.778 ng/ul

RT: 18.96 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BM014592.D

Acq: 16 Mar 2018 00:40

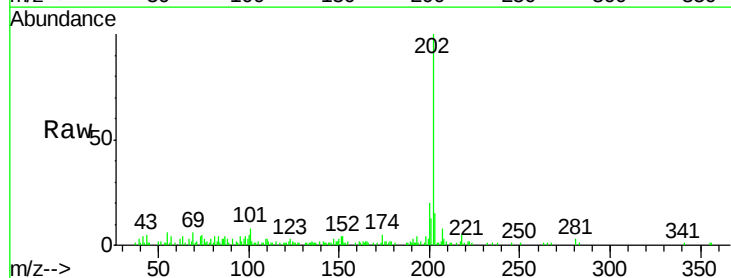
Tgt Ion:202 Resp: 75278

Ion Ratio Lower Upper

202 100

101 8.0 4.6 7.0#

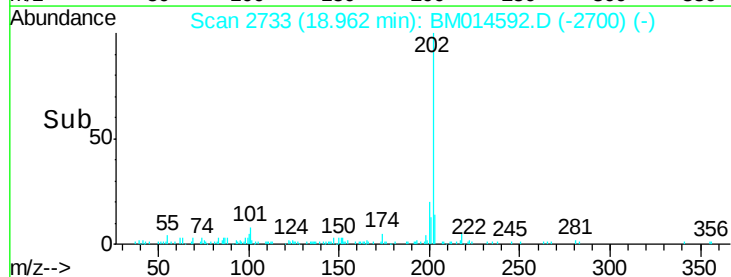
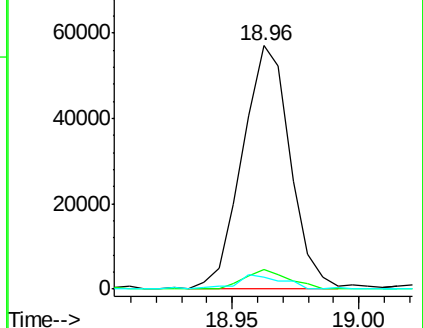
100 4.8 3.4 5.2

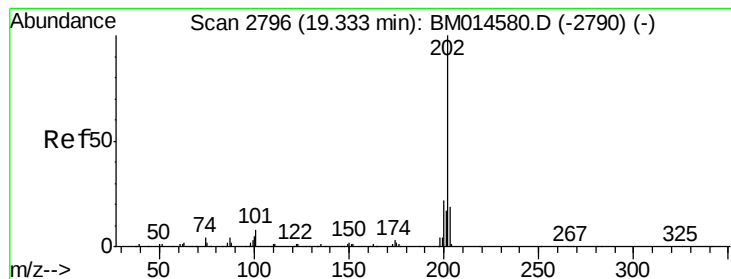


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Pvrene

Concen: 2.552 ng/ul

RT: 19.33 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM014592.D

Acq: 16 Mar 2018 00:40

Instrument :

BNA_M

ClientSampleId :

BEKZ9

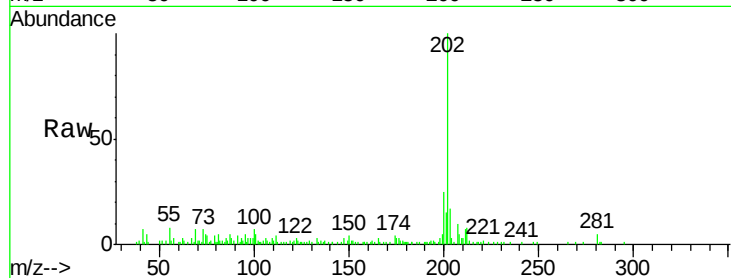
Tot Ion:202 Resp: 75748

Ion Ratio Lower Upper

202 100

101 5.2 5.1 7.7

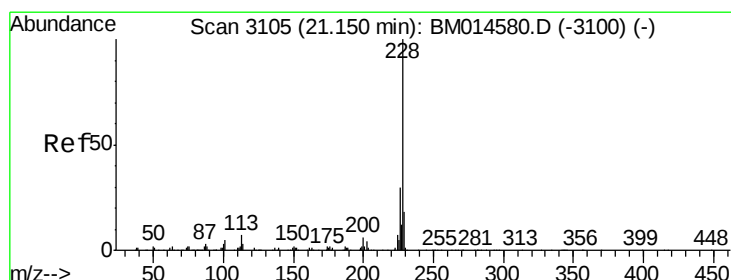
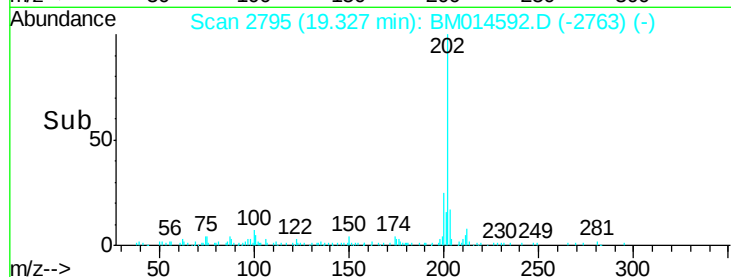
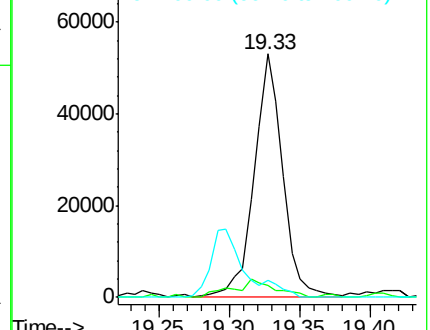
100 7.0 4.9 7.3



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



#22

Chrysene

Concen: 2.249 ng/ul

RT: 21.14 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM014592.D

Acq: 16 Mar 2018 00:40

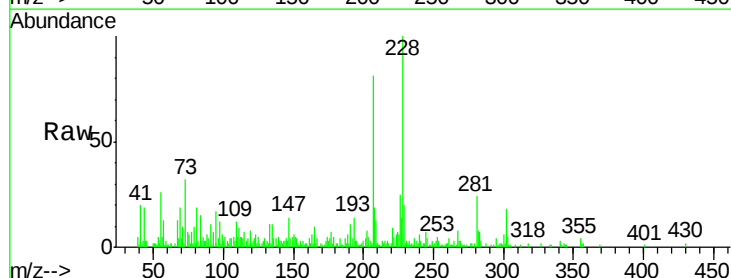
Tgt Ion:228 Resp: 51616

Ion Ratio Lower Upper

228 100

226 24.5 23.4 35.2

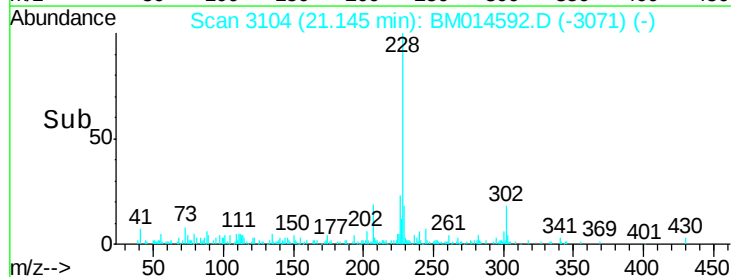
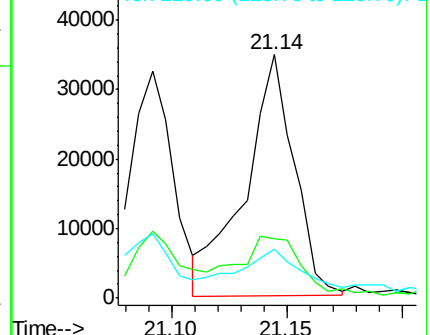
229 20.4 15.5 23.3

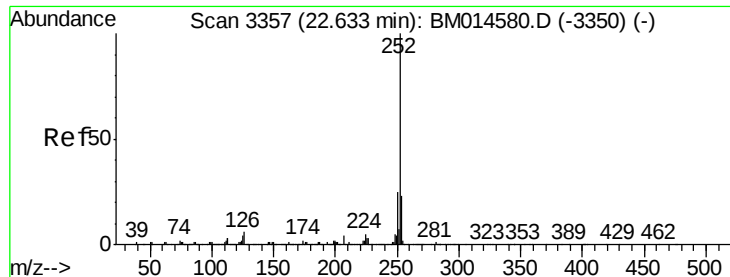


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#24

Benzo(b)fluoranthene

Concen: 2.289 ng/ul

RT: 22.63 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BM014592.D

Acq: 16 Mar 2018 00:40

Instrument :

BNA_M

ClientSampleId :

BEKZ9

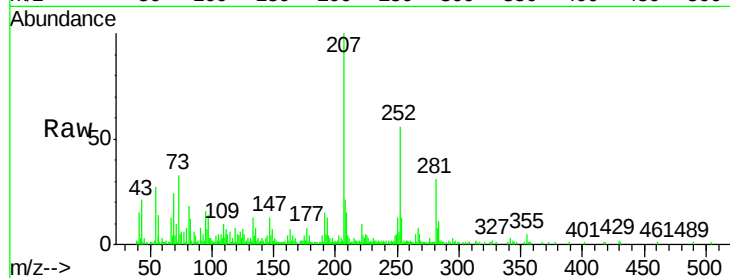
Tot Ion:252 Resp: 53802

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

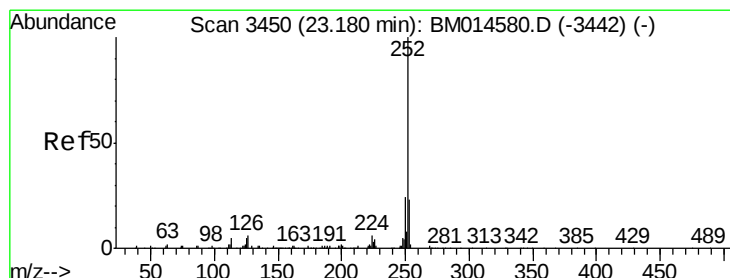
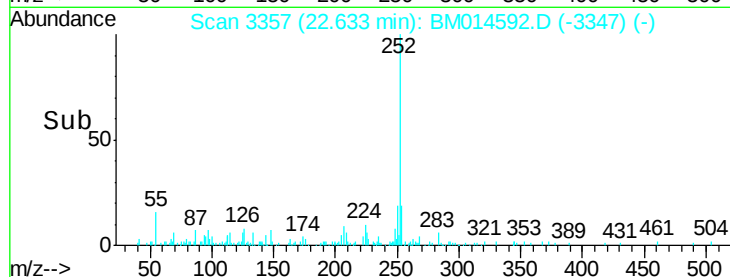
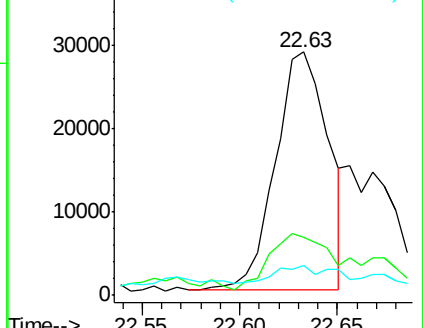
125 12.4 3.6 5.4#



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



#27

Benzo(a)pyrene

Concen: 1.841 ng/ul

RT: 23.17 min Scan# 3449

Delta R.T. -0.01 min

Lab File: BM014592.D

Acq: 16 Mar 2018 00:40

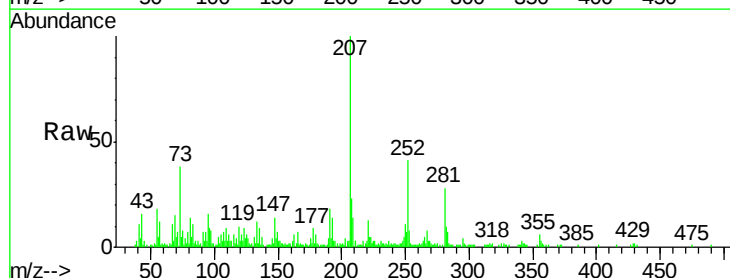
Tgt Ion:252 Resp: 41070

Ion Ratio Lower Upper

252 100

253 18.7 18.2 27.2

125 13.9 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

