

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM032218\
 Data File : BM014652.D
 Acq On : 22 Mar 2018 10:41
 Operator : SJ/JU
 Sample : J1935-12RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 22 18:17:09 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

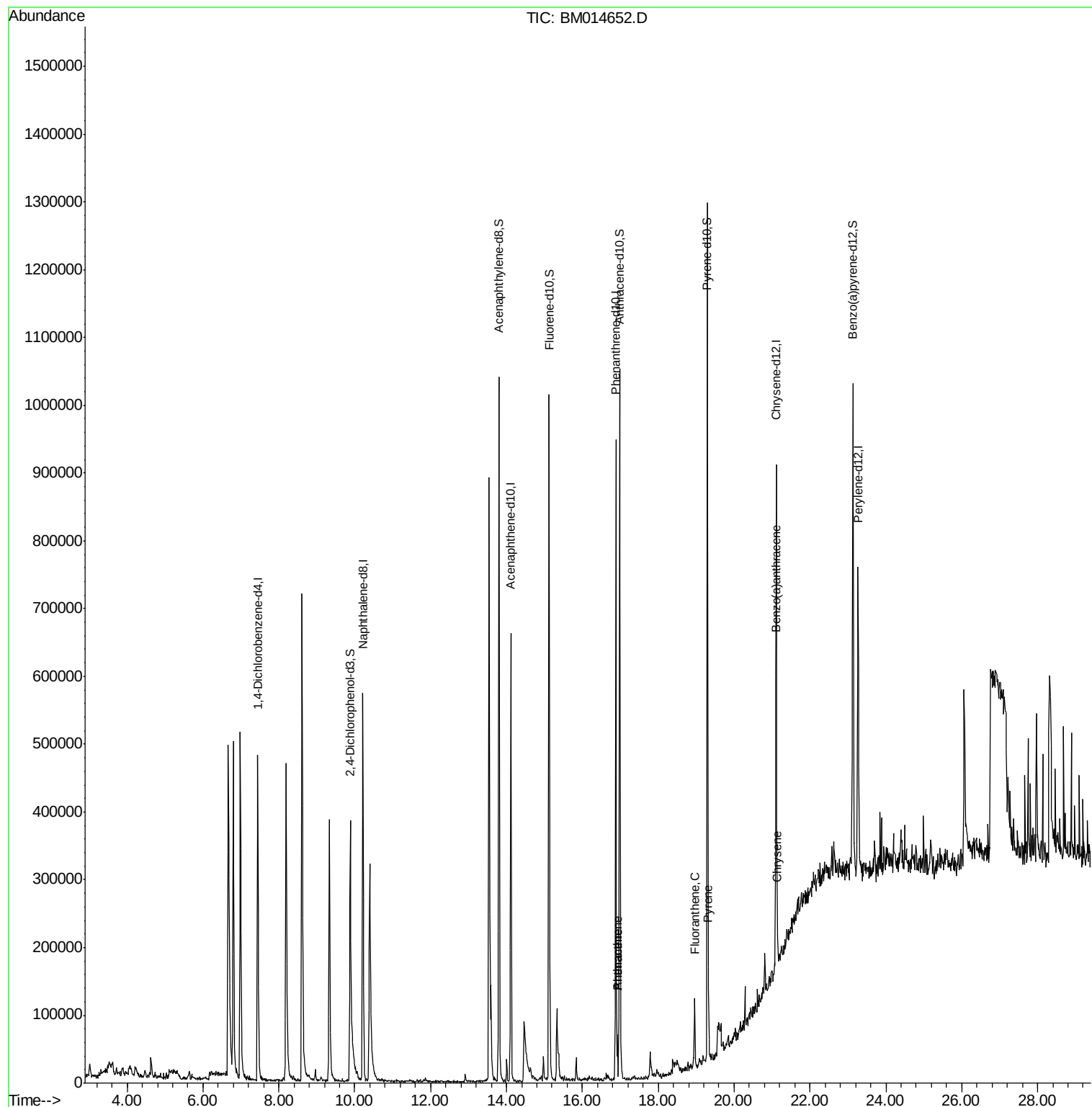
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	118620	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	409980	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	198980	20.00	ng/ul	-0.01
12) Phenanthrene-d10	16.88	188	444124	20.00	ng/ul	0.00
18) Chrysene-d12	21.11	240	317959	20.00	ng/ul	0.00
23) Perylene-d12	23.27	264	288202	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.88	165	166550	26.29	ng/ul	0.00
7) Acenaphthylene-d8	13.80	160	665929	31.32	ng/ul	0.00
10) Fluorene-d10	15.12	176	400771	28.77	ng/ul	0.00
15) Anthracene-d10	16.99	188	543857	25.58	ng/ul	0.00
19) Pyrene-d10	19.30	212	590284	30.88	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.13	264	410002	29.41	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	16.93	178	30351	1.220	ng/ul	98
16) Anthracene	16.93	178	30351	1.221	ng/ul	99
17) Fluoranthene	18.96	202	52497	1.859	ng/ul#	96
20) Pyrene	19.33	202	48304	2.020	ng/ul	97
21) Benzo(a)anthracene	21.09	228	21165	1.053	ng/ul	98
22) Chrysene	21.14	228	20703	1.120	ng/ul	92

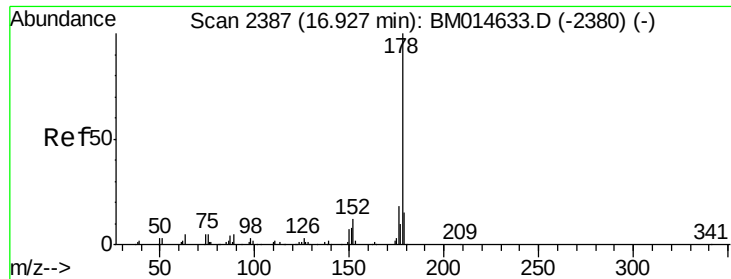
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 1.220 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BM014652.D

Acq: 22 Mar 2018 10:41

Instrument :

BNA_M

ClientSampleId :

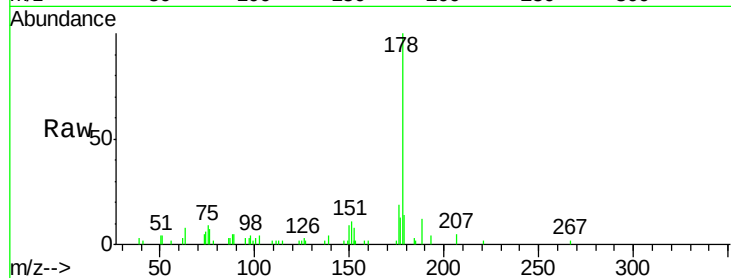
Tot Ion:178 Resp: 30351

Ion Ratio Lower Upper

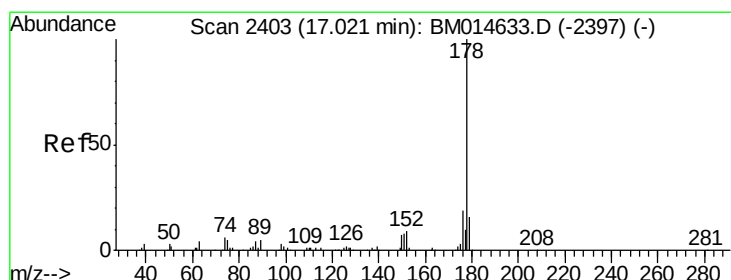
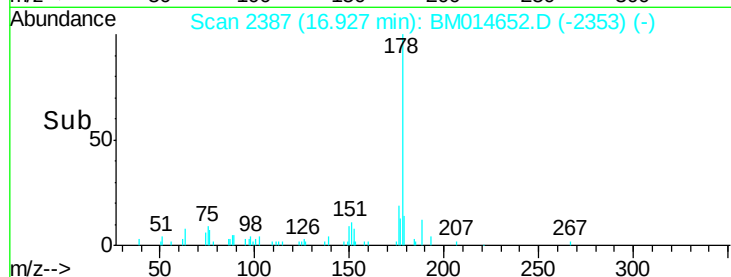
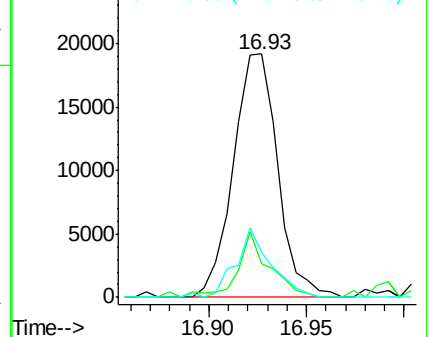
178 100

179 13.9 12.6 19.0

176 18.7 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



#16

Anthracene

Concen: 1.221 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.09 min

Lab File: BM014652.D

Acq: 22 Mar 2018 10:41

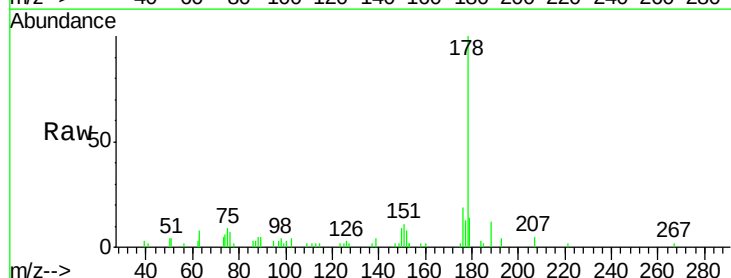
Tgt Ion:178 Resp: 30351

Ion Ratio Lower Upper

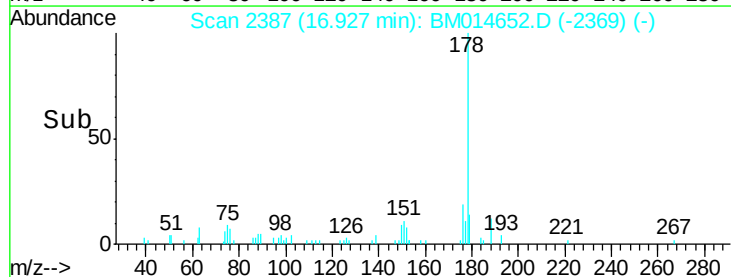
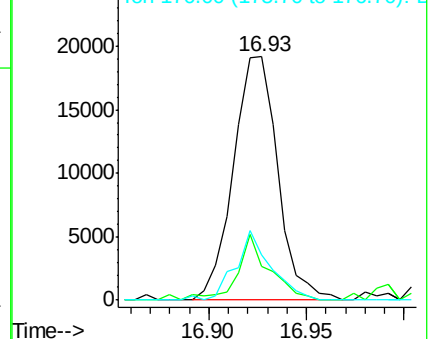
178 100

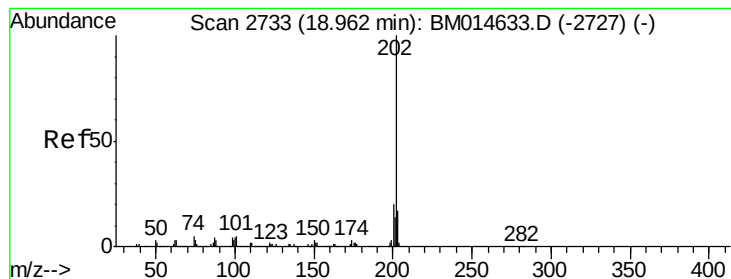
179 13.9 11.7 17.5

176 18.7 14.6 21.8



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: 1.859 ng/ul

RT: 18.96 min Scan# 2733

Delta R.T. -0.00 min

Lab File: BM014652.D

Acq: 22 Mar 2018 10:41

Instrument :

BNA_M

ClientSampleId :

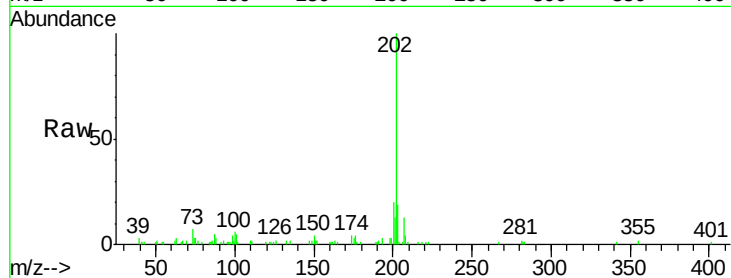
Tot Ion:202 Resp: 52497

Ion Ratio Lower Upper

202 100

101 4.6 4.6 7.0#

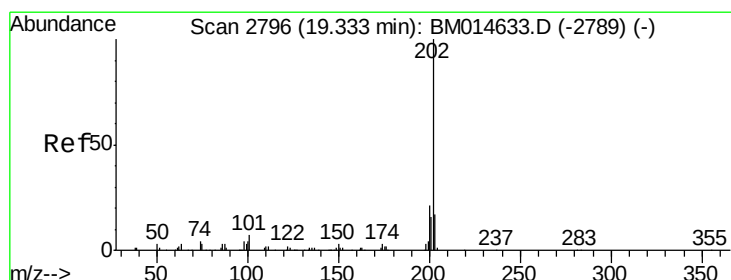
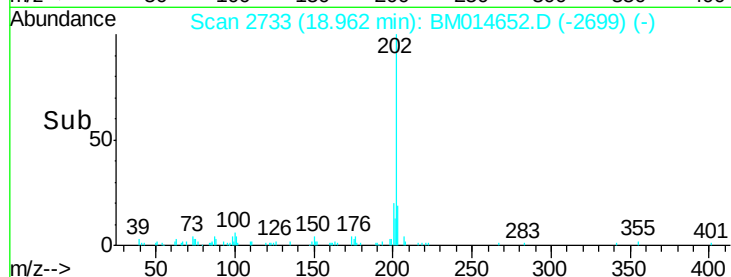
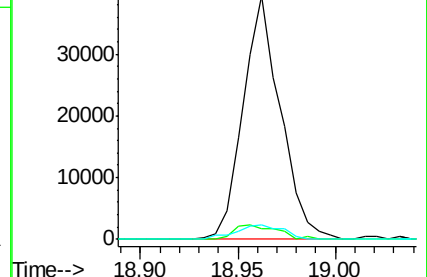
100 6.1 3.4 5.2#



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

Pyrene

Concen: 2.020 ng/ul

RT: 19.33 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM014652.D

Acq: 22 Mar 2018 10:41

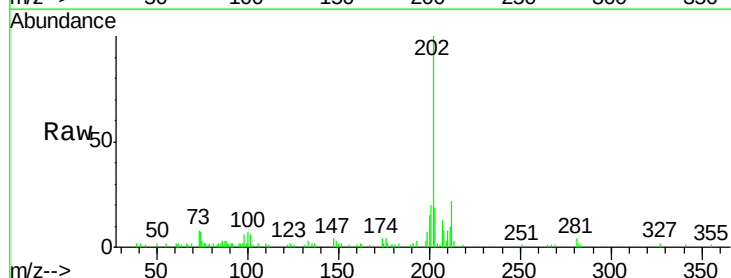
Tgt Ion:202 Resp: 48304

Ion Ratio Lower Upper

202 100

101 5.6 5.1 7.7

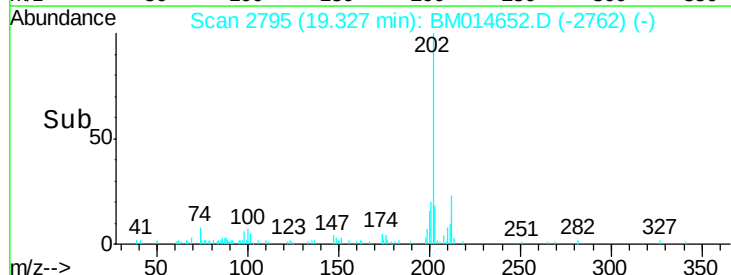
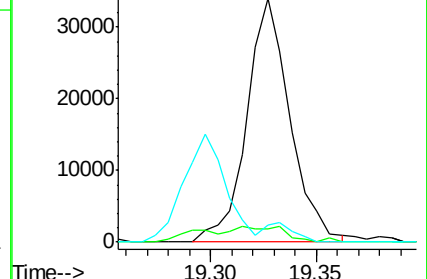
100 7.3 4.9 7.3

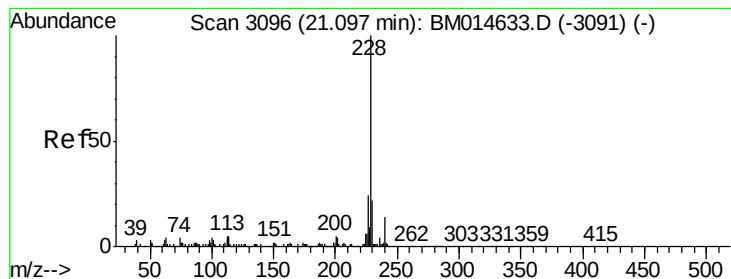


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 1.053 ng/ul

RT: 21.09 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM014652.D

Acq: 22 Mar 2018 10:41

Instrument :

BNA_M

ClientSampleId :

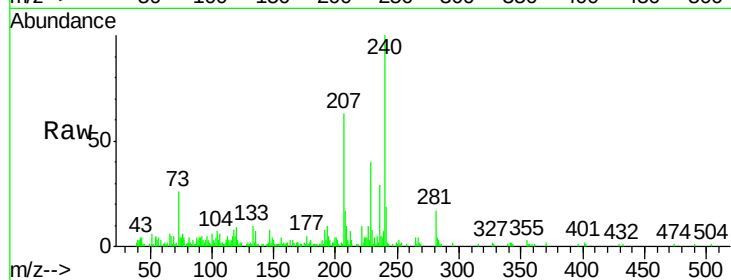
Tot Ion:228 Resp: 21165

Ion Ratio Lower Upper

228 100

229 20.9 15.4 23.0

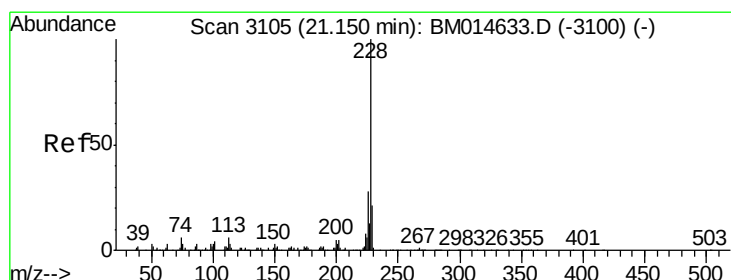
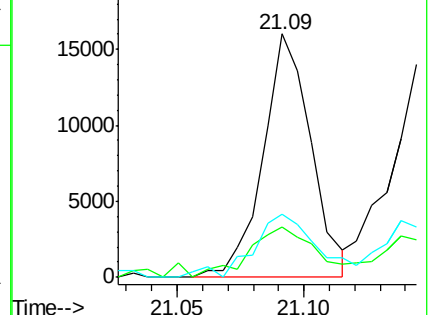
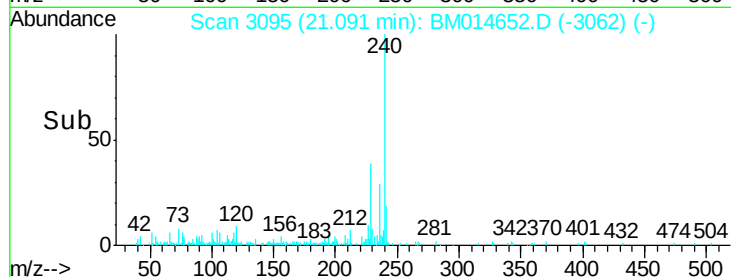
226 26.1 21.4 32.0



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: 1.120 ng/ul

RT: 21.14 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM014652.D

Acq: 22 Mar 2018 10:41

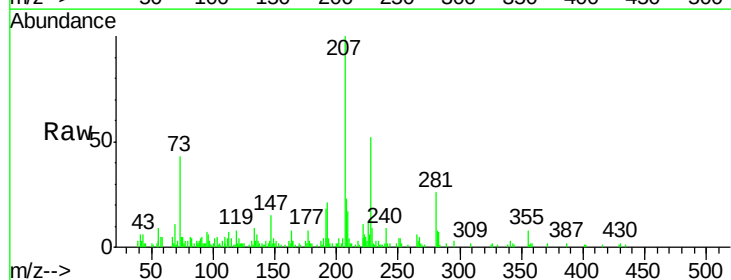
Tgt Ion:228 Resp: 20703

Ion Ratio Lower Upper

228 100

226 23.6 23.4 35.2

229 17.4 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

