

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
 Data File : BM009283.D
 Acq On : 17 Mar 2017 20:36
 Operator : SJ/MA
 Sample : I2285-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB384

Quant Time: Mar 18 00:41:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 18 00:39:50 2017
 Response via : Initial Calibration

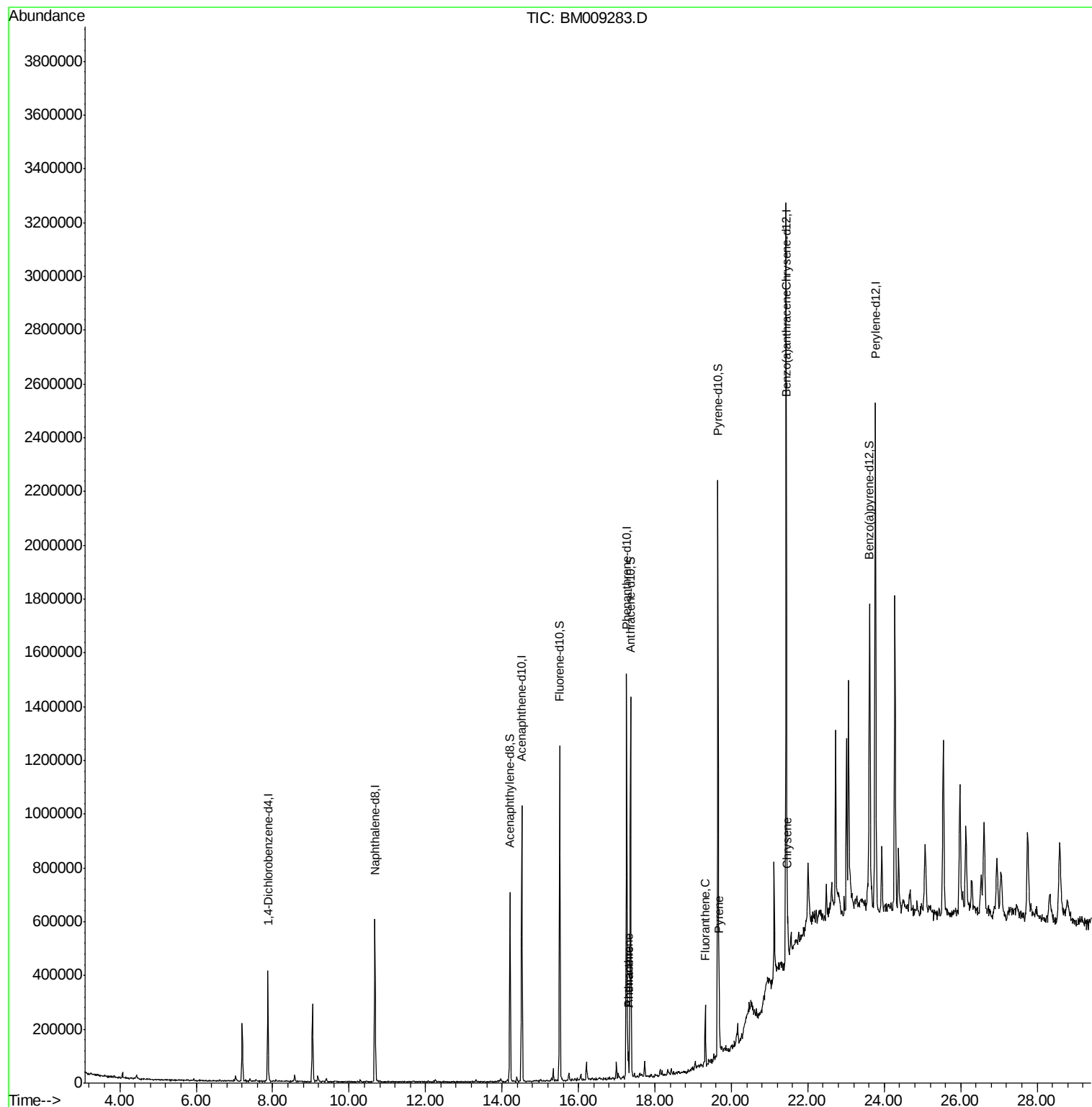
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	97833	20.00	ng/ul	0.00
2) Naphthalene-d8	10.67	136	434955	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	307965	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.26	188	810569	20.00	ng/ul	0.00
18) Chrysene-d12	21.43	240	1304778	20.00	ng/ul	0.00
23) Perylene-d12	23.77	264	1393853	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.30	165	1393	0.20	ng/uL	0.00
7) Acenaphthylene-d8	14.21	160	461348	17.67	ng/ul	0.00
10) Fluorene-d10	15.51	176	452682	19.78	ng/ul	0.00
15) Anthracene-d10	17.36	188	773295	20.08	ng/ul	0.00
19) Pyrene-d10	19.65	212	1058769	20.24	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.62	264	711998	11.23	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.30	178	48182	1.06	ng/ul	Qvalue 95
16) Anthracene	17.30	178	48182	1.02	ng/ul	97
17) Fluoranthene	19.32	202	123303	2.13	ng/ul	97
20) Pyrene	19.68	202	114850	1.71	ng/ul#	93
21) Benzo(a)anthracene	21.42	228	79434	1.07	ng/ul	95
22) Chrysene	21.47	228	74700	1.06	ng/ul	95

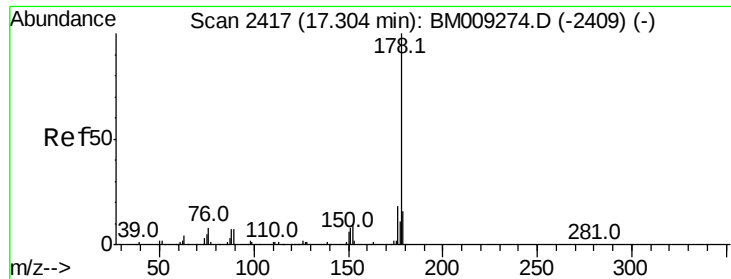
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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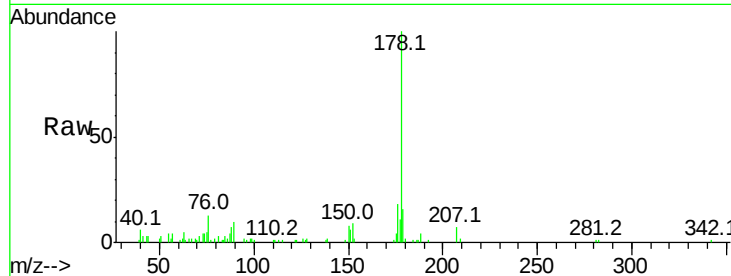




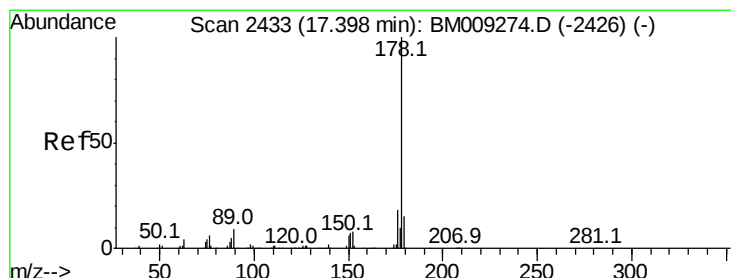
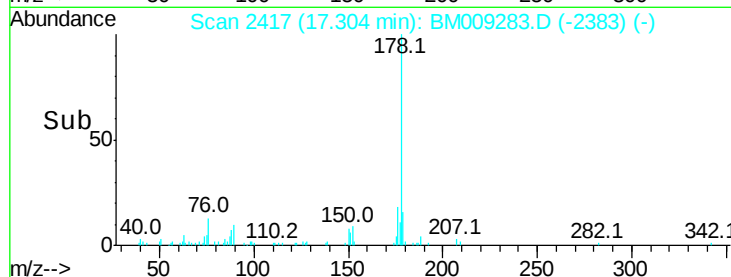
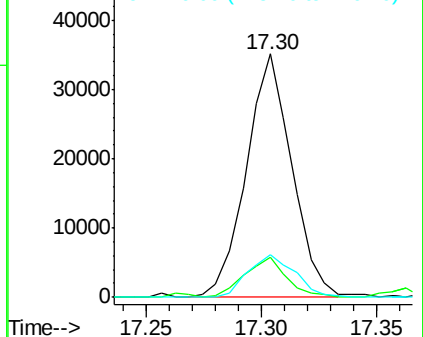
#14
Phenanthrene
Concen: 1.06 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BM009283.D
Acq: 17 Mar 2017 20:36

Instrument :
BNA_M
ClientSampleId :
CB384

Tot Ion:178 Resp: 48182
Ion Ratio Lower Upper
178 100
179 16.4 12.2 18.4
176 17.6 16.4 24.6

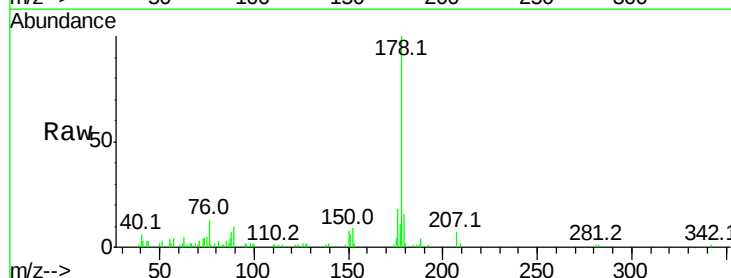


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

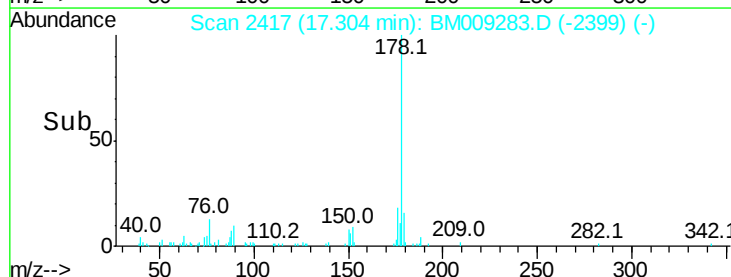
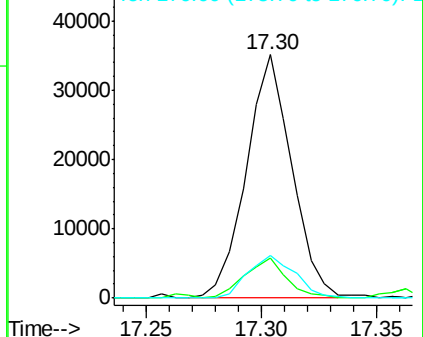


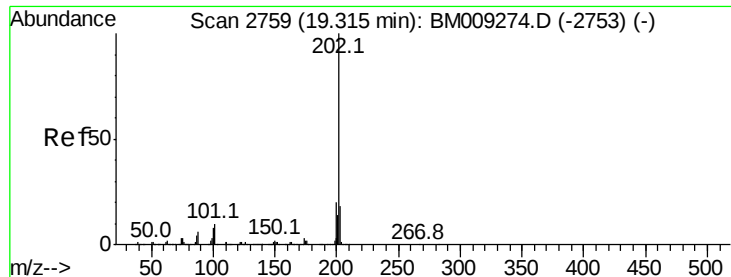
#16
Anthracene
Concen: 1.02 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. -0.09 min
Lab File: BM009283.D
Acq: 17 Mar 2017 20:36

Tgt Ion:178 Resp: 48182
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 17.6 15.8 23.8



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

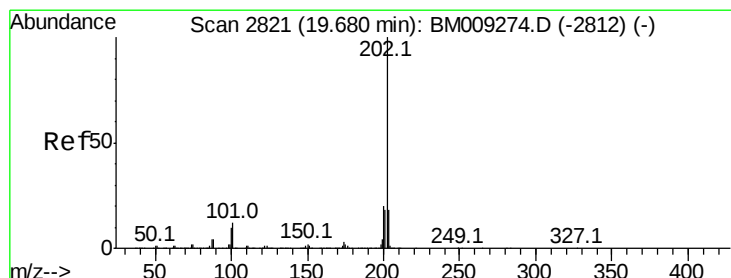
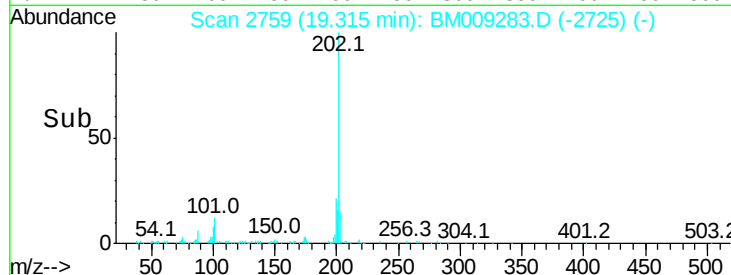
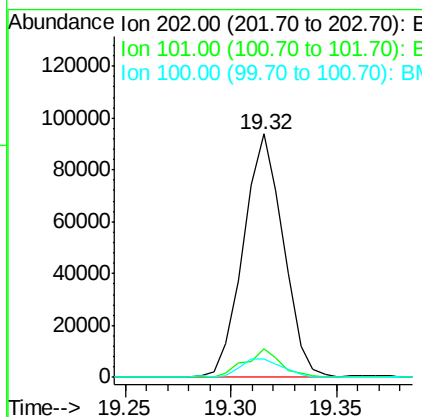
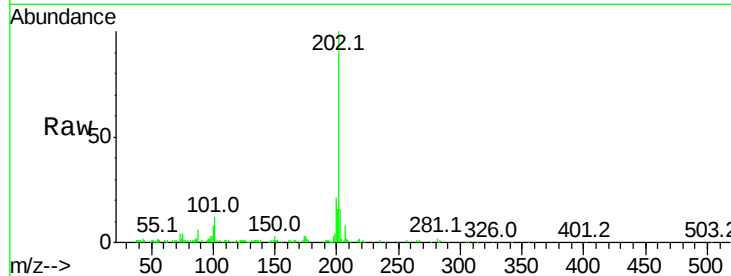




#17
Fluoranthene
 Concen: 2.13 ng/ul
 RT: 19.32 min Scan# 2759
 Delta R.T. 0.00 min
 Lab File: BM009283.D
 Acq: 17 Mar 2017 20:36

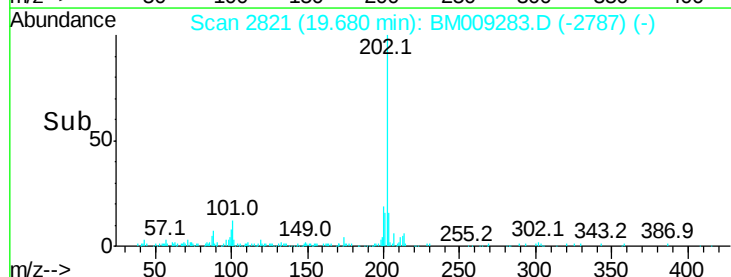
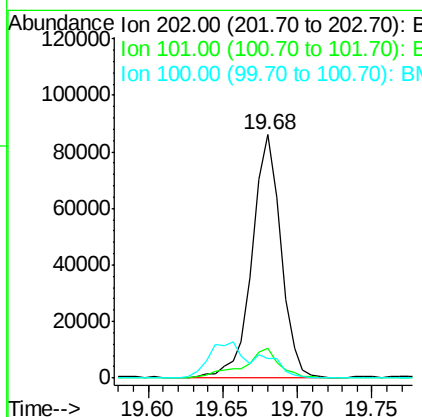
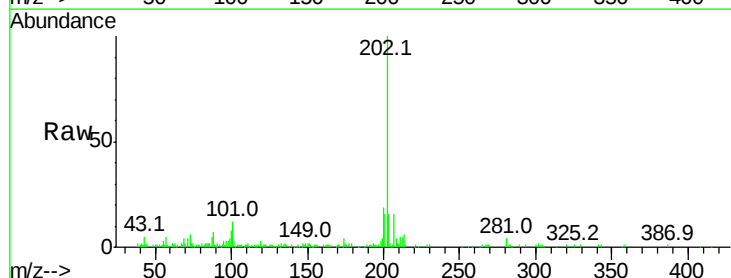
Instrument :
 BNA_M
 ClientSampleID :
 CB384

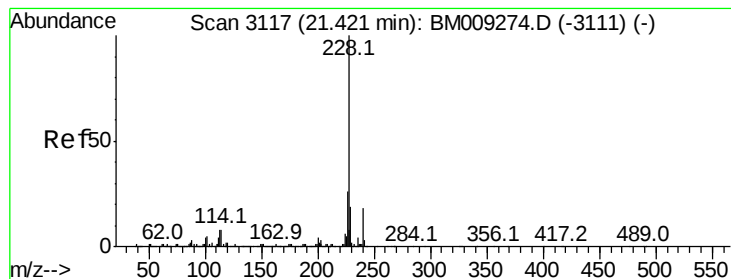
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
100	7.7	7.5	11.3



#20
Pyrene
 Concen: 1.71 ng/ul
 RT: 19.68 min Scan# 2821
 Delta R.T. 0.00 min
 Lab File: BM009283.D
 Acq: 17 Mar 2017 20:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.2	16.8
100	8.3	9.8	14.6#





#21

Benzo(a)anthracene

Concen: 1.07 ng/ul

RT: 21.42 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BM009283.D

Acq: 17 Mar 2017 20:36

Instrument :

BNA_M

ClientSampleId :

CB384

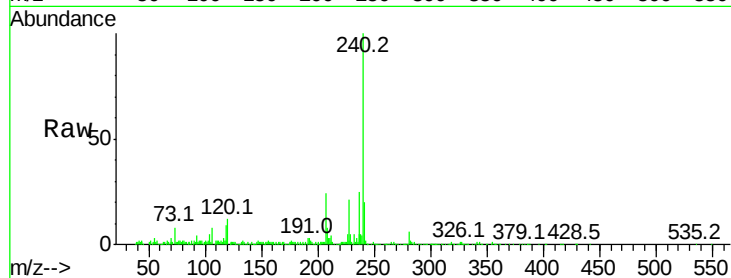
Tot Ion:228 Resp: 79434

Ion Ratio Lower Upper

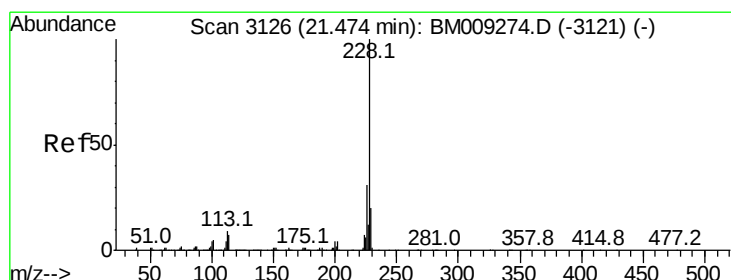
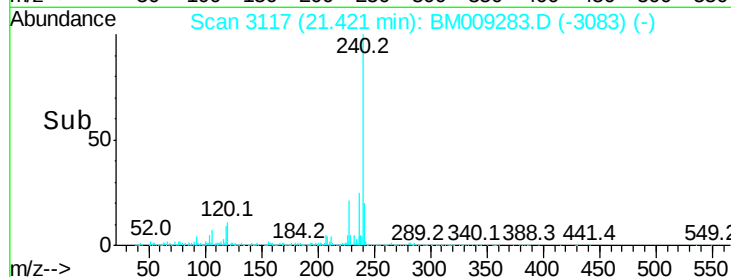
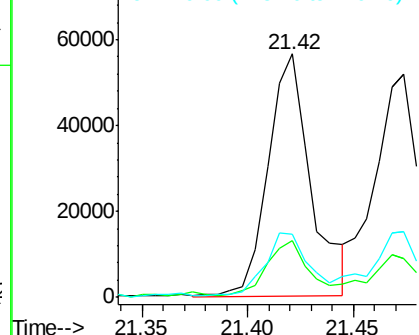
228 100

229 23.2 15.9 23.9

226 25.7 22.1 33.1



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: 1.06 ng/ul

RT: 21.47 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BM009283.D

Acq: 17 Mar 2017 20:36

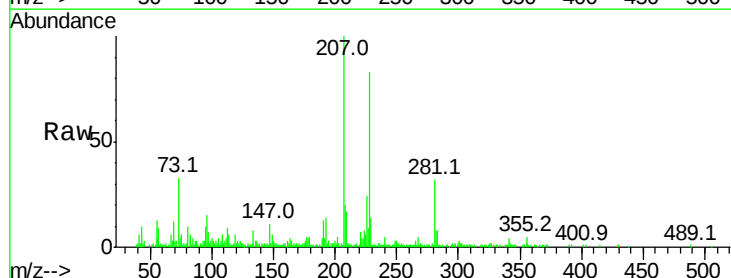
Tgt Ion:228 Resp: 74700

Ion Ratio Lower Upper

228 100

226 29.5 25.0 37.6

229 17.5 16.6 25.0



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

