

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 :

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

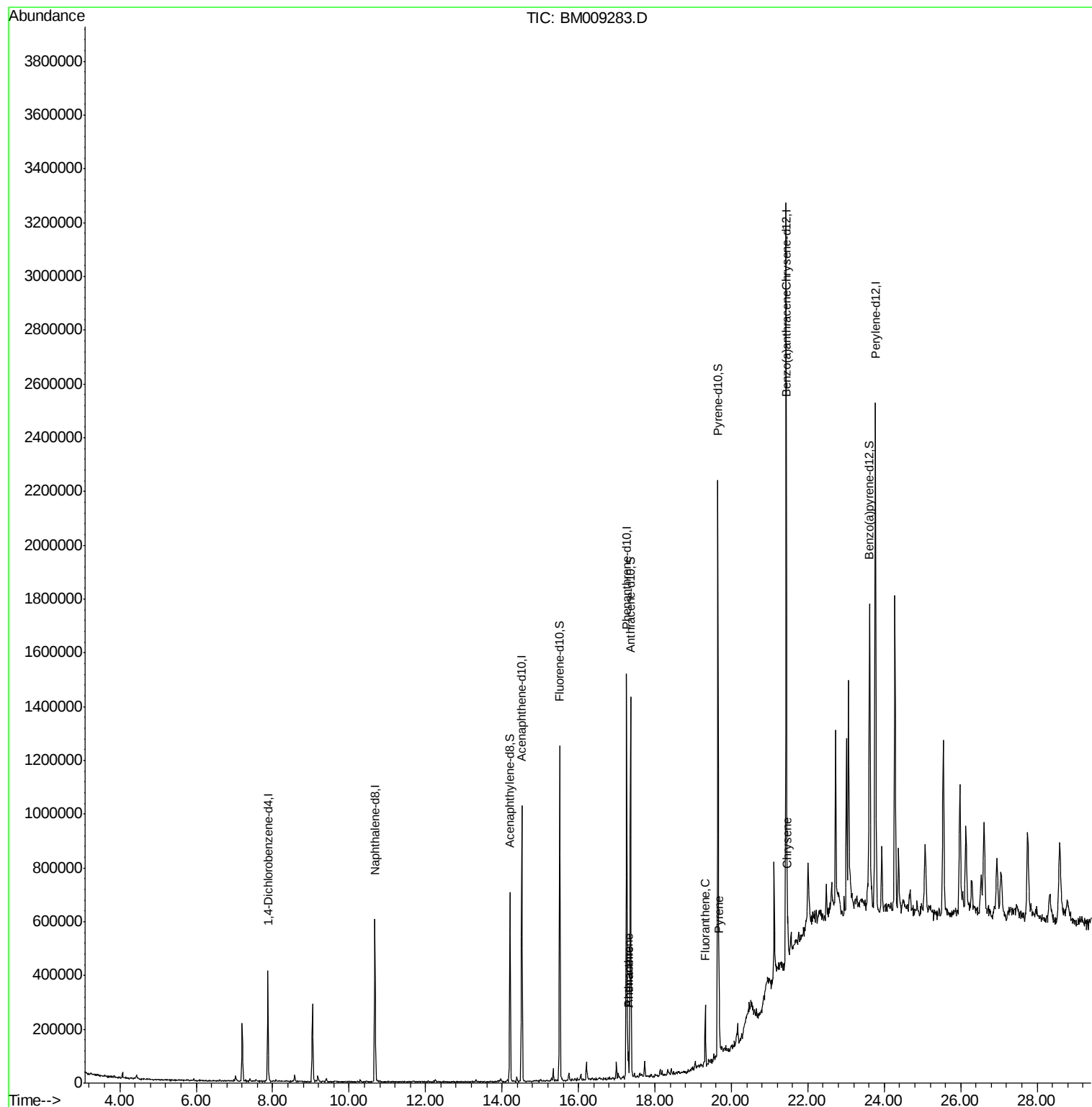
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	97833	20.00	ng/ul	0.00
2) Naphthalene-d8	10.67	136	434955	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	307965	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.26	188	810569	20.00	ng/ul	0.00
18) Chrysene-d12	21.43	240	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				Qvalue		
14) Phenanthrene	17.30	178	48182	1.06	ng/ul	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

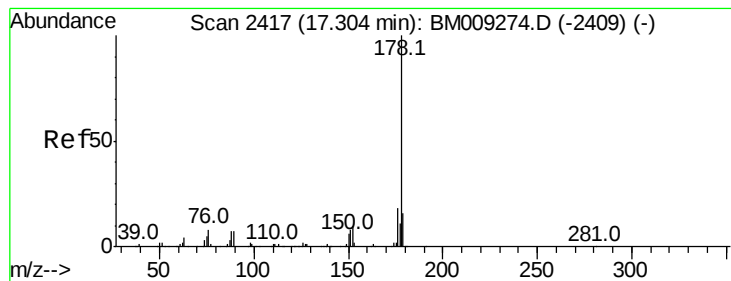
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

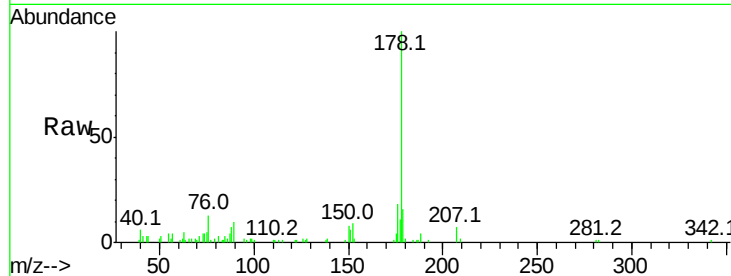
Tot Ion:178 Resp: 48182

Ion Ratio Lower Upper

178 100

179 16.4 12.2 18.4

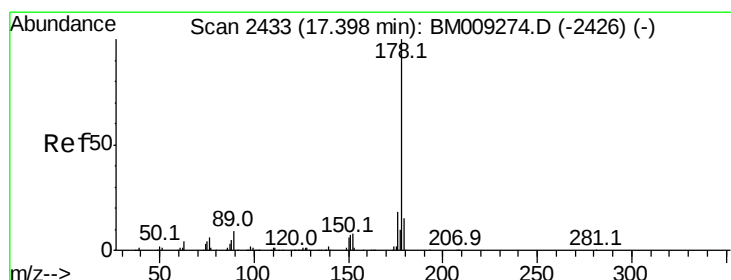
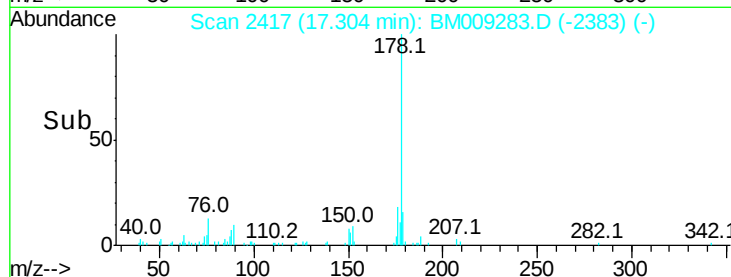
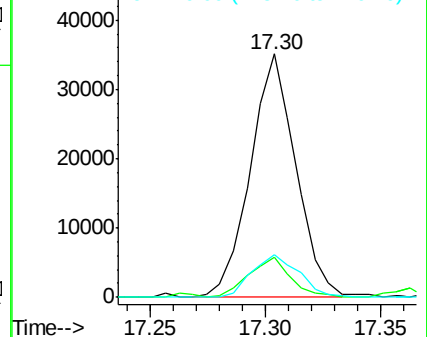
176 17.6 16.4 24.6



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

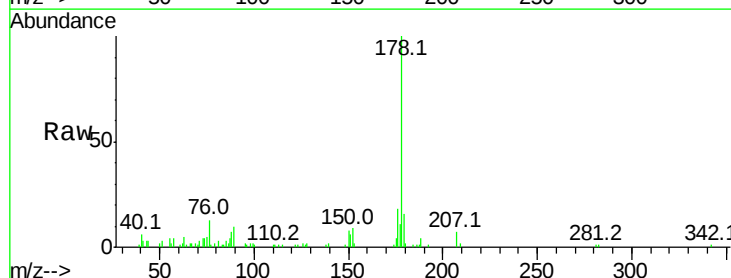
Tgt Ion:178 Resp: 48182

Ion Ratio Lower Upper

178 100

179 16.4 12.7 19.1

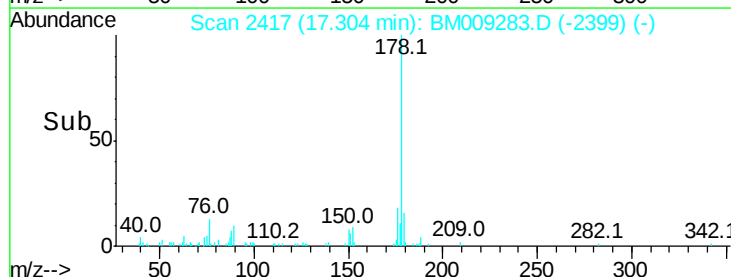
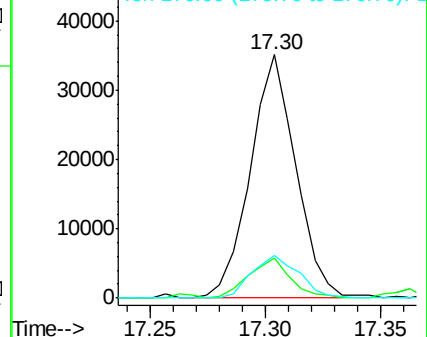
176 17.6 15.8 23.8

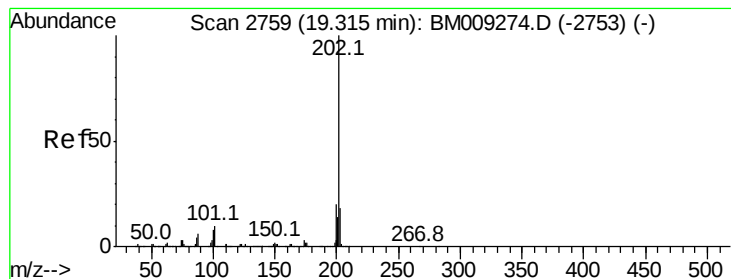


Abundance Ion 178.00 (177.70 to 178.70): E

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 :

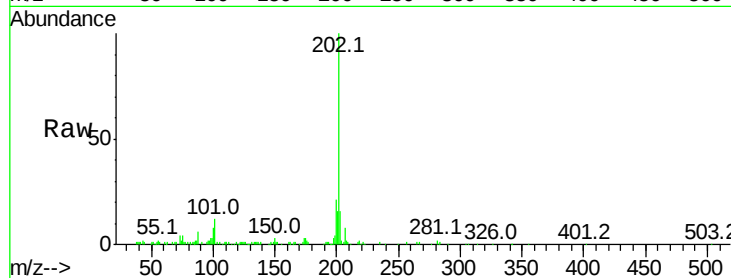
Tot Ion:202 Resp: 123303

Ion Ratio Lower Upper

202 100

101 11.5 9.8 14.8

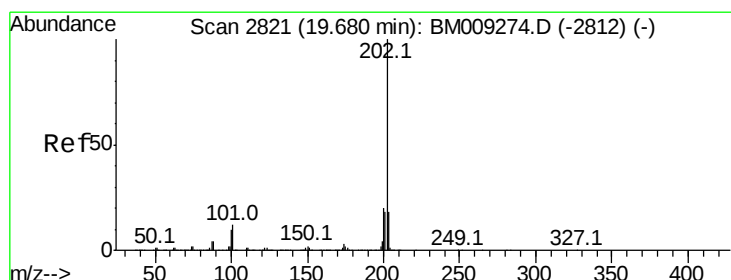
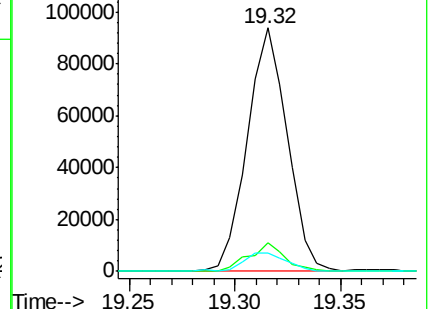
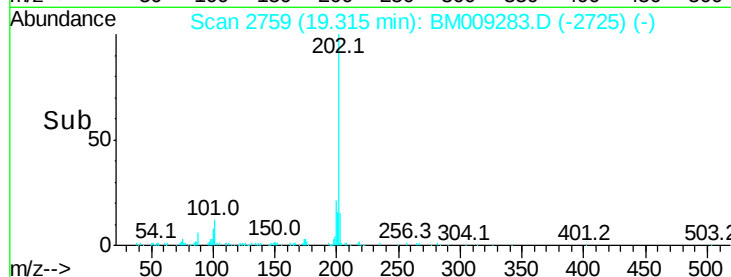
100 7.7 7.5 11.3



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



#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

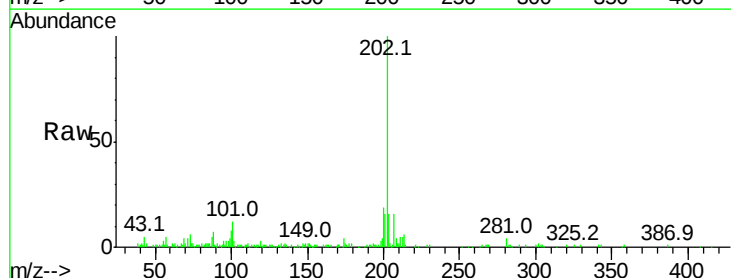
Tgt Ion:202 Resp: 114850

Ion Ratio Lower Upper

202 100

101 12.2 11.2 16.8

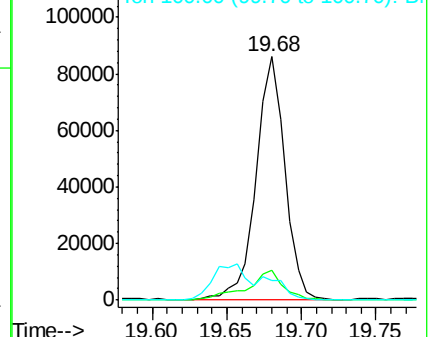
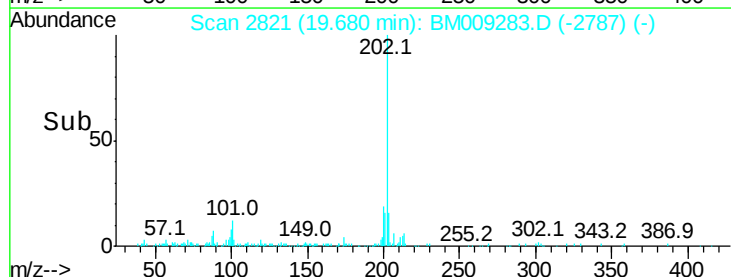
100 8.3 9.8 14.6#

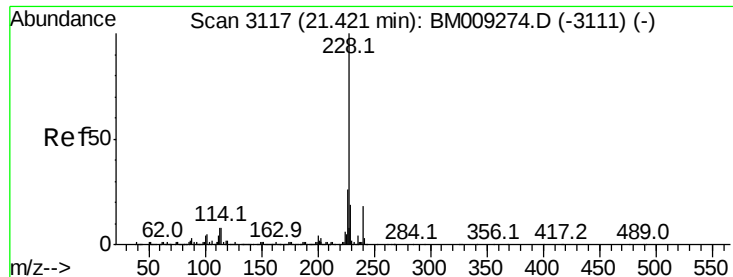


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 1.07 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 :

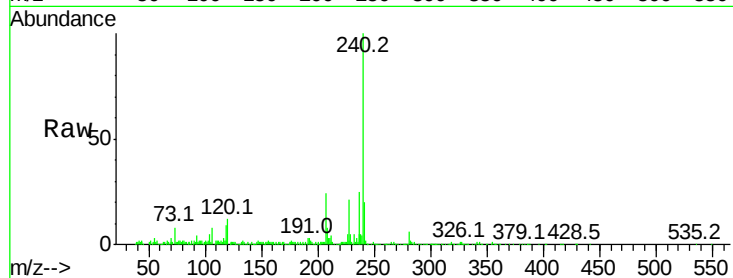
Tot Ion:228 Resp: 79434

Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.9	23.9
226	25.7	22.1	33.1

228 100

229 23.2 15.9 23.9

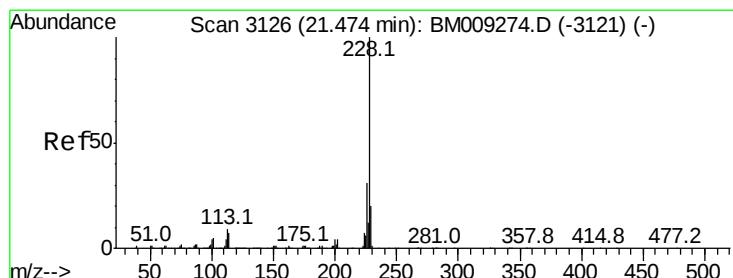
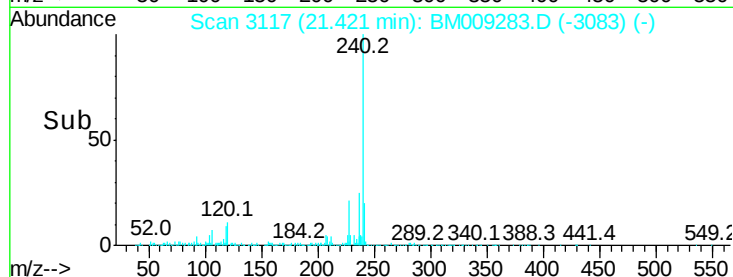
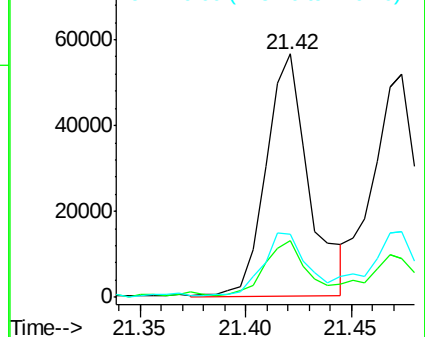
226 25.7 22.1 33.1



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

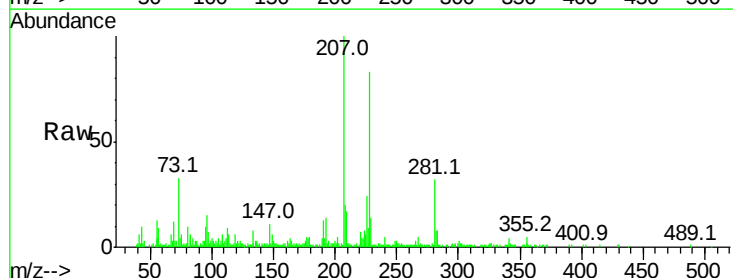
Tgt Ion:228 Resp: 74700

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	17.5	16.6	25.0

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

