

Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
 Data File : BB058716.D
 Acq On : 9 Mar 2017 17:55
 Operator : UM/SJ
 Sample : I2107-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 C0AJ9

Quant Time: Mar 15 15:03:07 2017
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 14:21:30 2017
 Response via : Initial Calibration

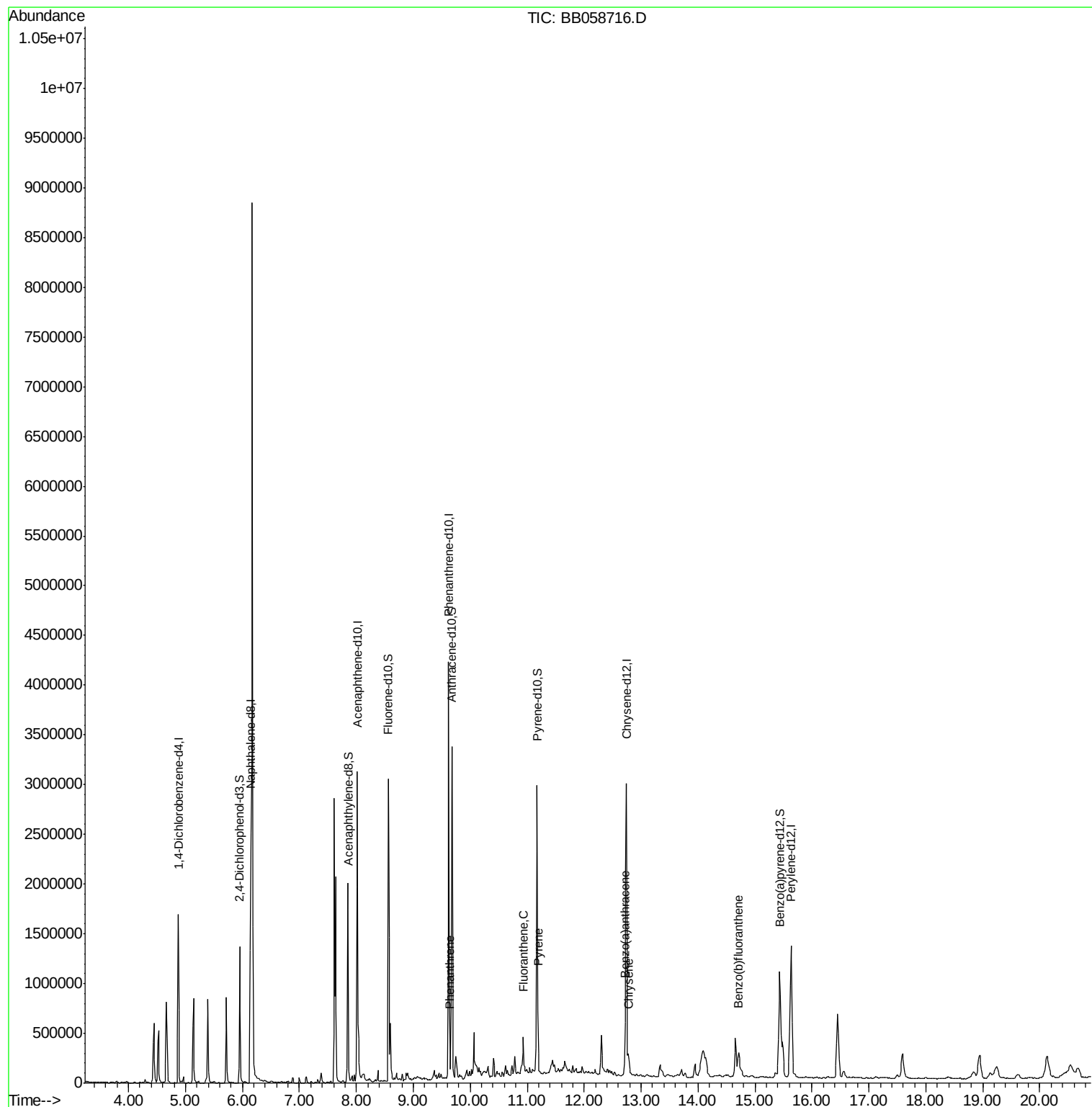
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.87	152	329704	20.00	ng/ul	-0.02
2) Naphthalene-d8	6.15	136	1271551	20.00	ng/ul	-0.02
6) Acenaphthene-d10	8.02	164	842424	20.00	ng/ul	-0.02
12) Phenanthrene-d10	9.62	188	1736950	20.00	ng/ul	-0.02
18) Chrysene-d12	12.74	240	1597971	20.00	ng/ul	-0.03
23) Perylene-d12	15.63	264	1252153	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	5.95	165	334780	13.82	ng/uL	-0.03
7) Acenaphthylene-d8	7.86	160	1250271	19.05	ng/ul	-0.02
10) Fluorene-d10	8.56	176	930671	17.45	ng/ul	-0.02
15) Anthracene-d10	9.68	188	1335633	17.29	ng/ul	-0.02
19) Pyrene-d10	11.17	212	1388478	19.11	ng/ul	-0.02
26) Benzo(a)pyrene-d12	15.43	264	944588	16.86	ng/ul	-0.06
Target Compounds				Qvalue		
14) Phenanthrene	9.64	178	91176	1.06	ng/ul	97
17) Fluoranthene	10.93	202	183565	2.28	ng/ul#	83
20) Pyrene	11.19	202	167813	1.89	ng/ul	96
21) Benzo(a)anthracene	12.72	228	93962	1.12	ng/ul	95
22) Chrysene	12.78	228	104299	1.36	ng/ul	95
24) Benzo(b)fluoranthene	14.71	252	128054	1.67	ng/ul#	96

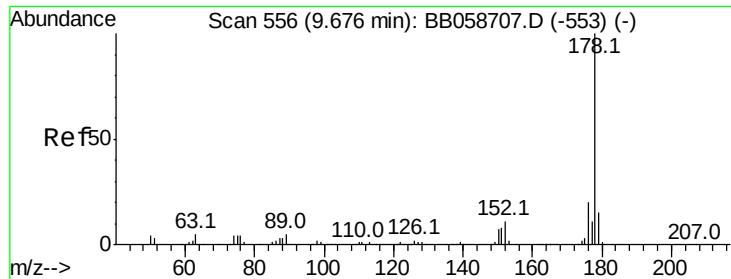
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 1.06 ng/ul

RT: 9.64 min Scan# 553

Delta R.T. -0.02 min

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ClientSampleId :

C0AJ9

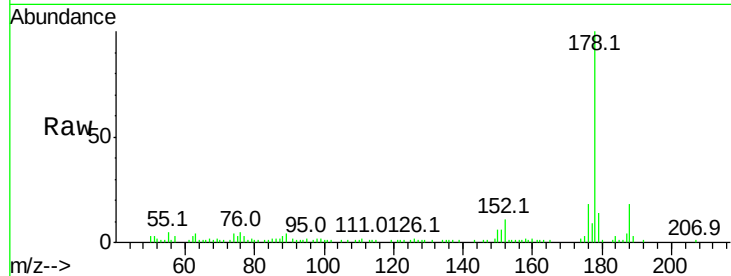
Tot Ion:178 Resp: 91176

Ion Ratio Lower Upper

178 100

179 14.3 13.0 19.4

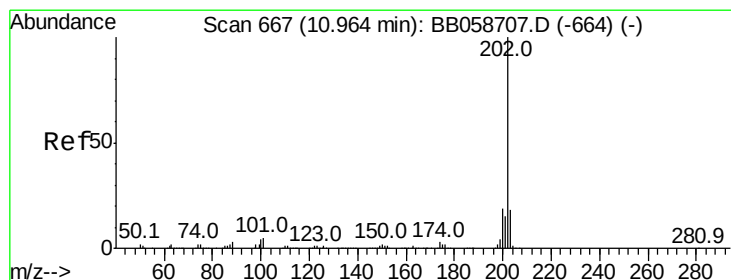
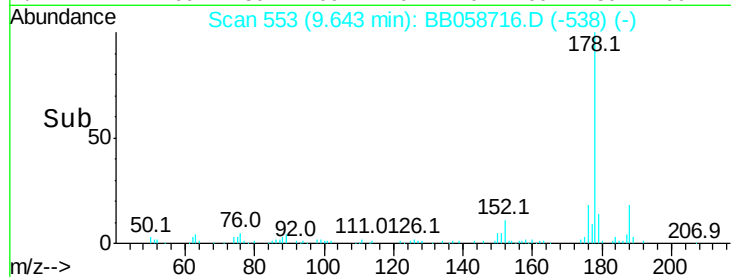
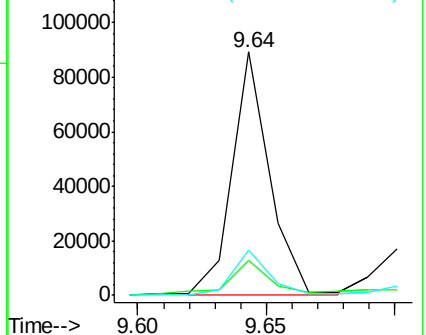
176 18.3 15.4 23.2



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: 2.28 ng/ul

RT: 10.93 min Scan# 664

Delta R.T. -0.02 min

Lab File: BB058716.D

Acq: 9 Mar 2017 17:55

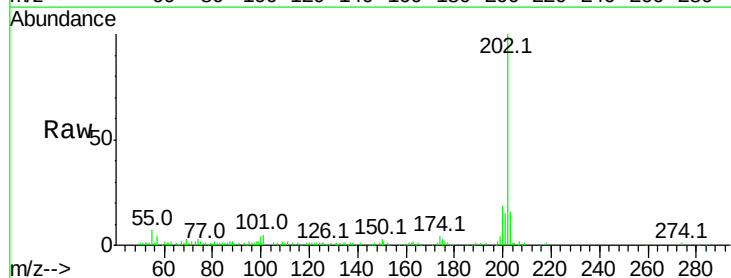
Tgt Ion:202 Resp: 183565

Ion Ratio Lower Upper

202 100

101 5.2 9.8 14.8#

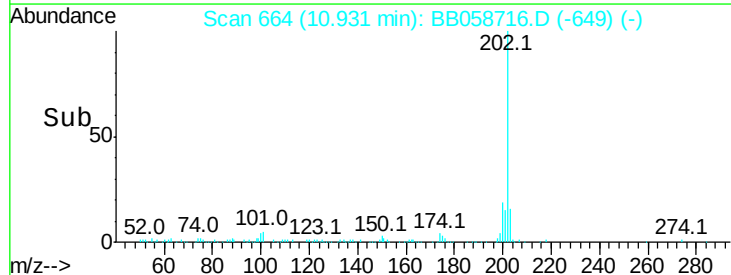
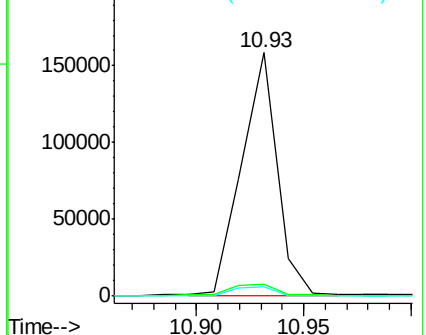
100 4.1 7.5 11.3#

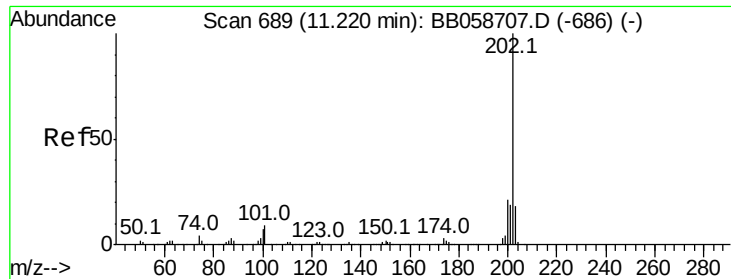


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

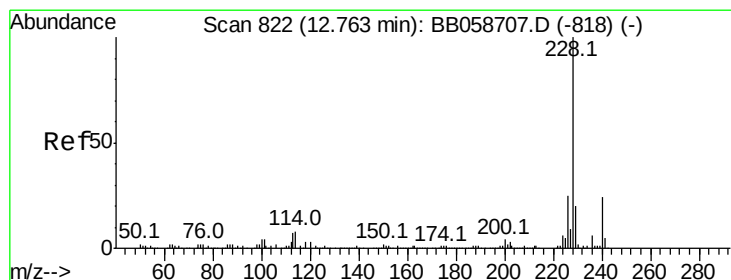
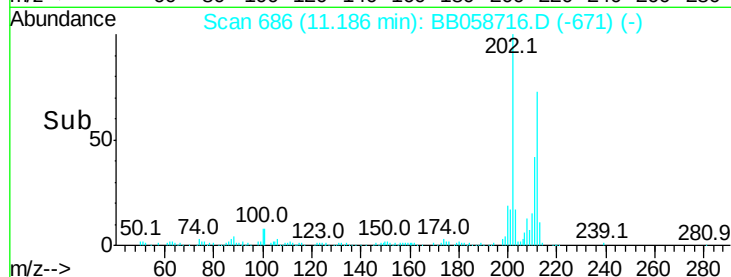
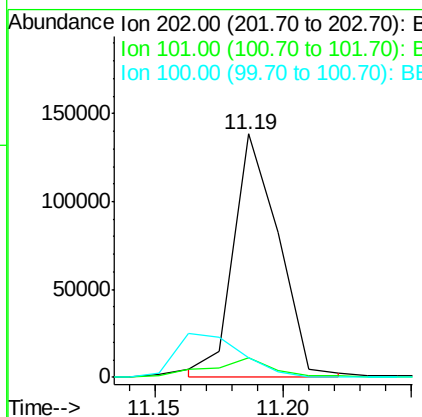
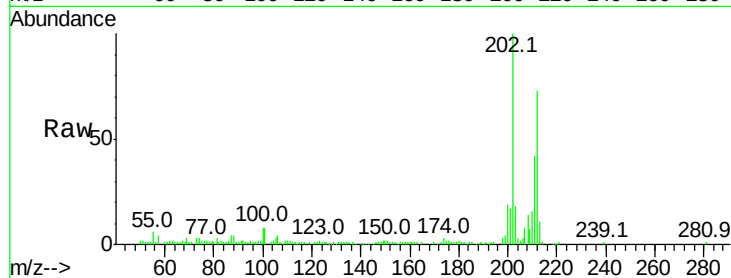




#20
Pvrene
Concen: 1.89 ng/ul
RT: 11.19 min Scan# 686
Delta R.T. -0.02 min
Lab File: BB058716.D
Acq: 9 Mar 2017 17:55

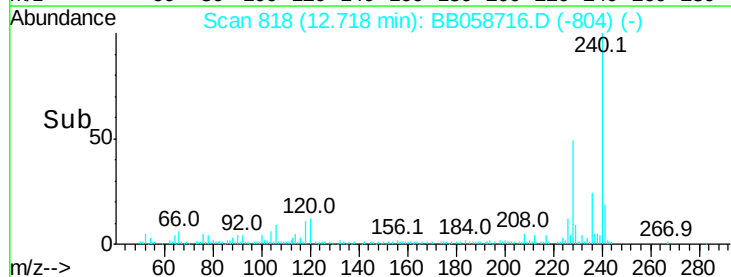
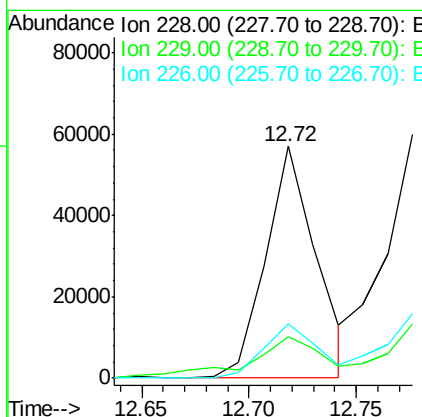
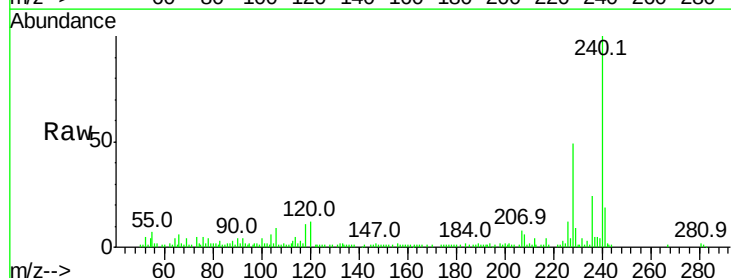
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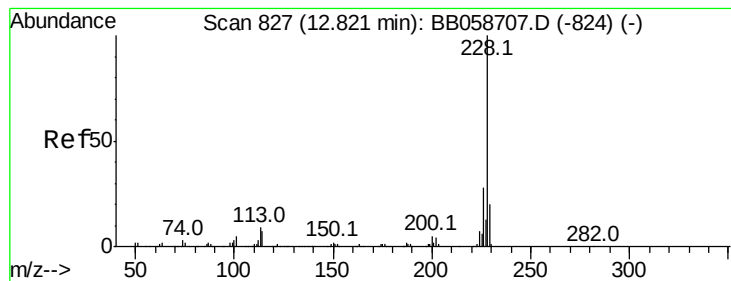
Tot Ion:202 Resp: 167813
Ion Ratio Lower Upper
202 100
101 8.1 8.0 12.0
100 7.9 6.8 10.2



#21
Benzo(a)anthracene
Concen: 1.12 ng/ul
RT: 12.72 min Scan# 818
Delta R.T. -0.03 min
Lab File: BB058716.D
Acq: 9 Mar 2017 17:55

Tgt Ion:228 Resp: 93962
Ion Ratio Lower Upper
228 100
229 17.6 15.7 23.5
226 23.6 21.0 31.6





#22

Chrysene

Concen: 1.36 ng/ul

RT: 12.78 min Scan# 823

Delta R.T. -0.03 min

Lab File: BB058716.D

Acq: 9 Mar 2017 17:55

Instrument :

BNA_B

ClientSampleId :

C0AJ9

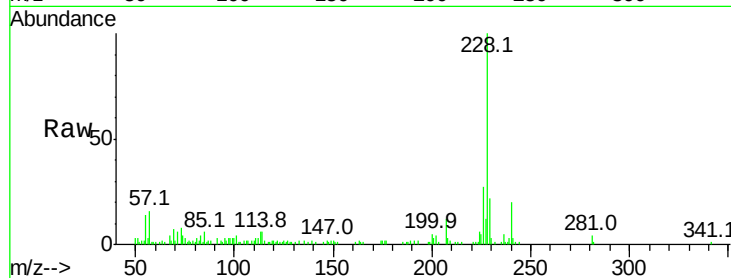
Tot Ion:228 Resp: 104299

Ion Ratio Lower Upper

228 100

226 26.7 23.4 35.0

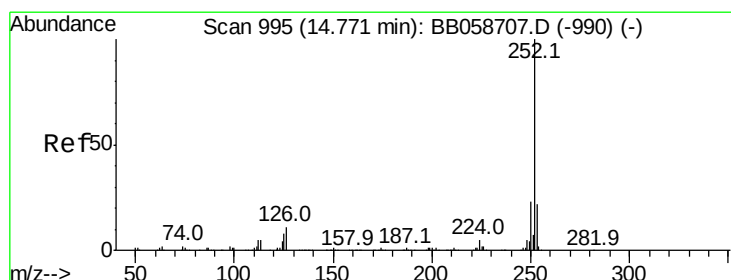
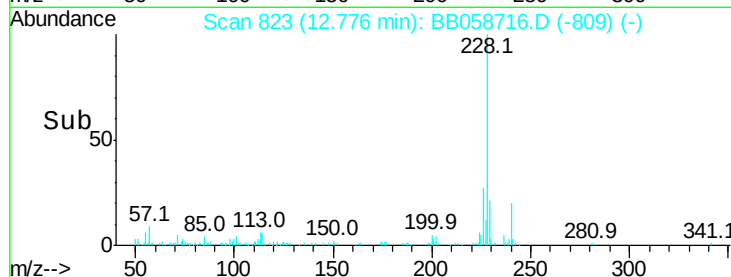
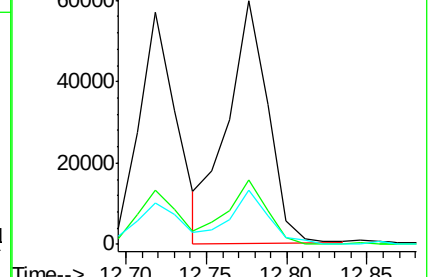
229 22.3 16.1 24.1



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: 1.67 ng/ul

RT: 14.71 min Scan# 990

Delta R.T. -0.05 min

Lab File: BB058716.D

Acq: 9 Mar 2017 17:55

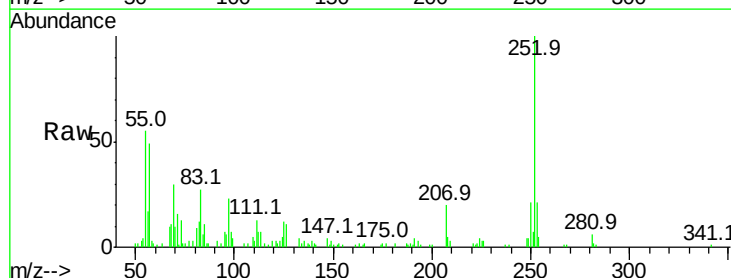
Tgt Ion:252 Resp: 128054

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 12.4 6.4 9.6#



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

