

Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
 Data File : BB058717.D
 Acq On : 9 Mar 2017 18:22
 Operator : UM/SJ
 Sample : I2107-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 C0AK0

Quant Time: Mar 15 15:04:35 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

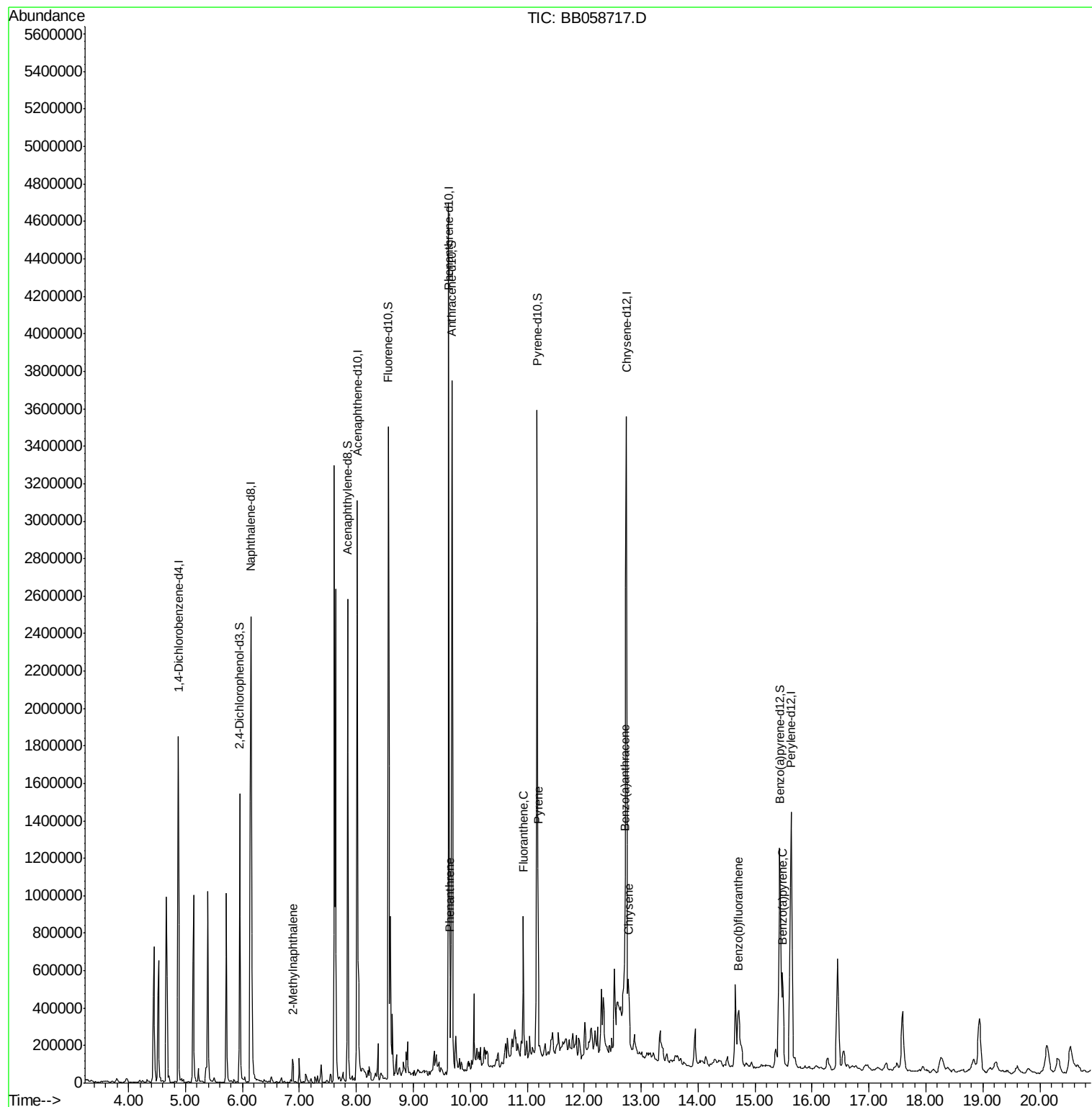
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.87	152	349833	20.00	ng/ul	-0.02
2) Naphthalene-d8	6.15	136	1341453	20.00	ng/ul	-0.02
6) Acenaphthene-d10	8.02	164	920216	20.00	ng/ul	-0.02
12) Phenanthrene-d10	9.62	188	1897452	20.00	ng/ul	-0.02
18) Chrysene-d12	12.74	240	1756515	20.00	ng/ul	-0.04
23) Perylene-d12	15.63	264	1335368	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	5.95	165	397023	15.53	ng/uL	-0.04
7) Acenaphthylene-d8	7.84	160	1436661	20.04	ng/ul	-0.04
10) Fluorene-d10	8.56	176	1061339	18.22	ng/ul	-0.02
15) Anthracene-d10	9.68	188	1492756	17.68	ng/ul	-0.02
19) Pyrene-d10	11.17	212	1539309	19.27	ng/ul	-0.02
26) Benzo(a)pyrene-d12	15.43	264	1040548	17.42	ng/ul	-0.06
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	6.88	142	49297	1.01	ng/ul	92
14) Phenanthrene	9.64	178	206324	2.19	ng/ul	96
17) Fluoranthene	10.93	202	366953	4.17	ng/ul#	83
20) Pyrene	11.18	202	333114	3.41	ng/ul	98
21) Benzo(a)anthracene	12.72	228	171776	1.86	ng/ul#	92
22) Chrysene	12.77	228	176867	2.11	ng/ul#	96
24) Benzo(b)fluoranthene	14.70	252	221103	2.70	ng/ul	98
27) Benzo(a)pyrene	15.49	252	117248	1.60	ng/ul	96

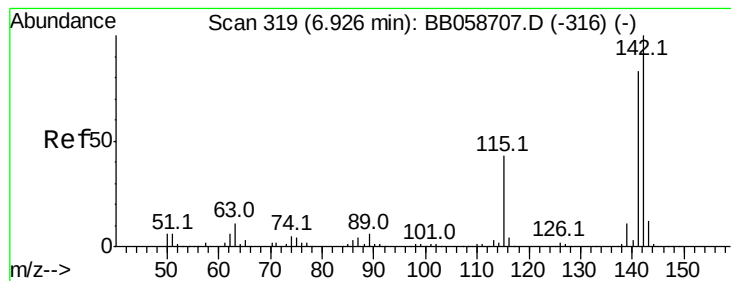
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 1.01 ng/ul

RT: 6.88 min Scan# 315

Delta R.T. -0.04 min

Lab File: BB058717.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_B

ClientSampleId :

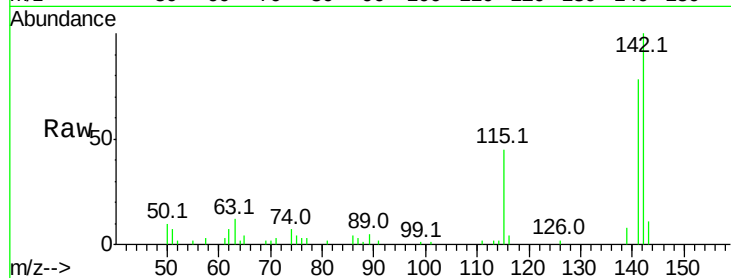
C0AK0

Tot Ion:142 Resp: 49297

Ion Ratio Lower Upper

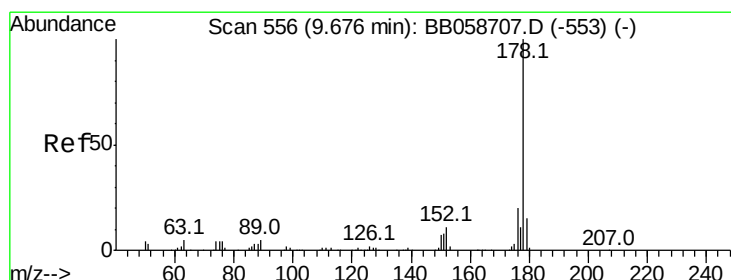
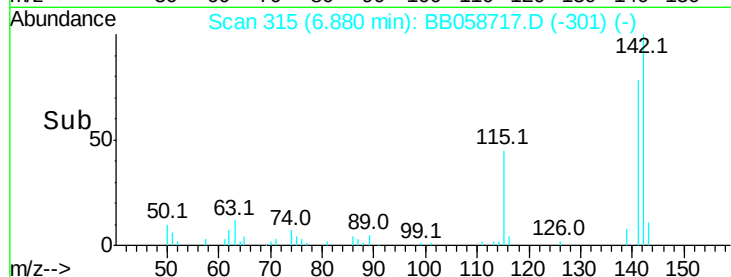
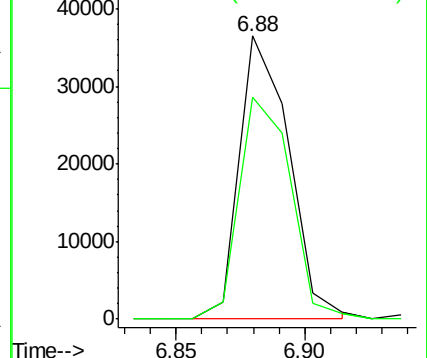
142 100

141 78.3 68.6 103.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#14

Phenanthrene

Concen: 2.19 ng/ul

RT: 9.64 min Scan# 553

Delta R.T. -0.02 min

Lab File: BB058717.D

Acq: 9 Mar 2017 18:22

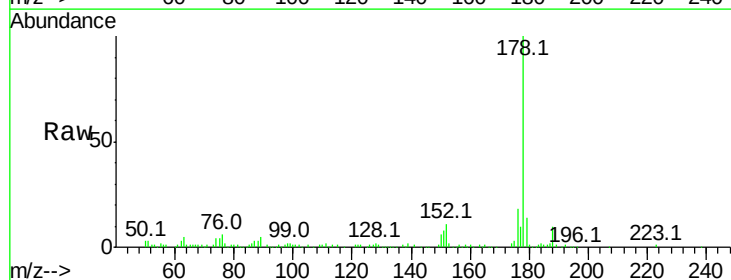
Tgt Ion:178 Resp: 206324

Ion Ratio Lower Upper

178 100

179 14.4 13.0 19.4

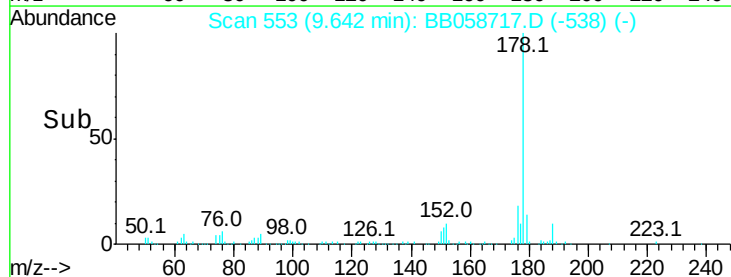
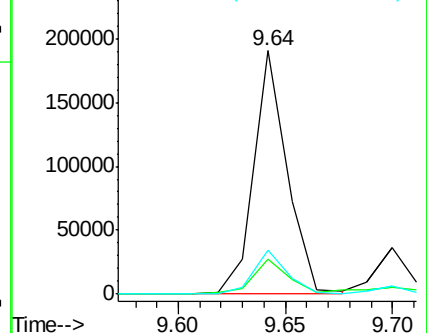
176 17.8 15.4 23.2

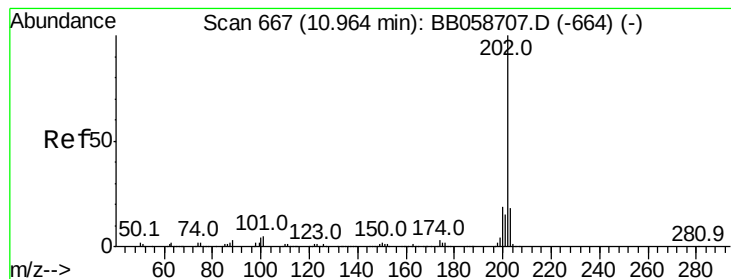


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#17

Fluoranthene

Concen: 4.17 ng/ul

RT: 10.93 min Scan# 664

Delta R.T. -0.02 min

Lab File: BB058717.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_B

ClientSampleId :

C0AK0

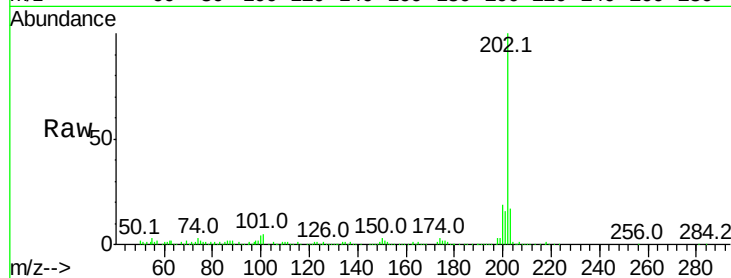
Tot Ion:202 Resp: 366953

Ion Ratio Lower Upper

202 100

101 5.0 9.8 14.8#

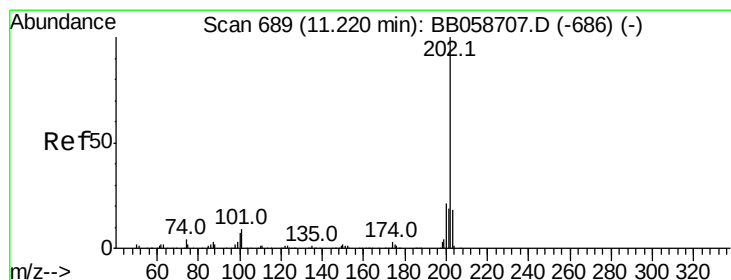
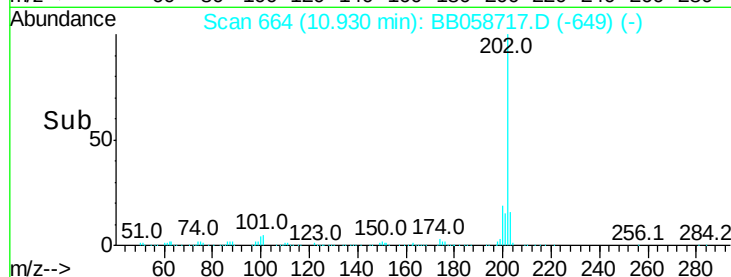
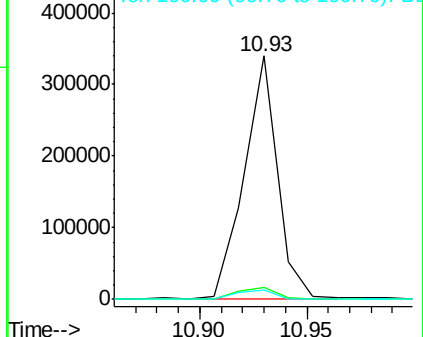
100 3.9 7.5 11.3#



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): BE



#20

Pyrene

Concen: 3.41 ng/ul

RT: 11.18 min Scan# 686

Delta R.T. -0.02 min

Lab File: BB058717.D

Acq: 9 Mar 2017 18:22

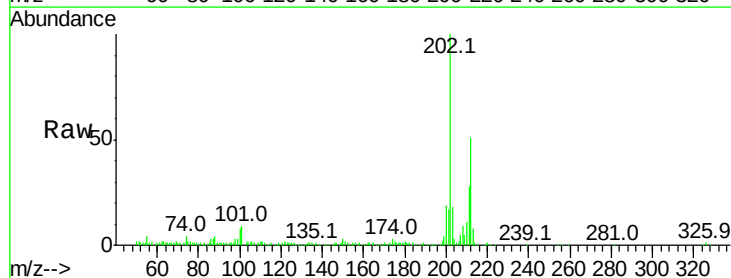
Tgt Ion:202 Resp: 333114

Ion Ratio Lower Upper

202 100

101 9.3 8.0 12.0

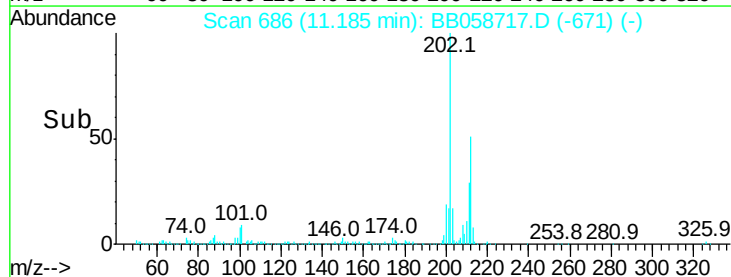
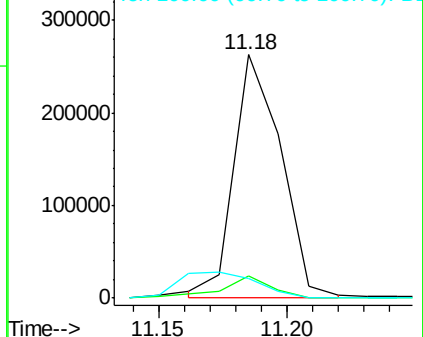
100 8.0 6.8 10.2

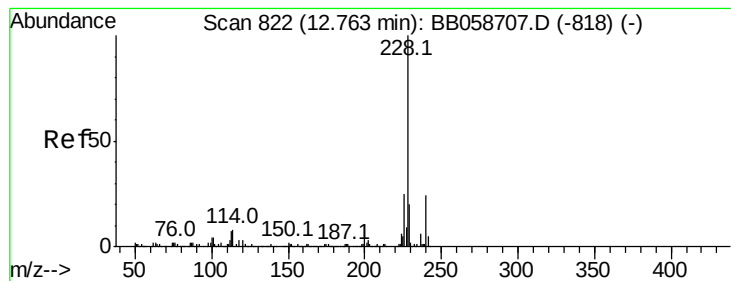


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#21

Benzo(a)anthracene

Concen: 1.86 ng/ul

RT: 12.72 min Scan# 818

Delta R.T. -0.04 min

Lab File: BB058717.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_B

ClientSampleId :

C0AK0

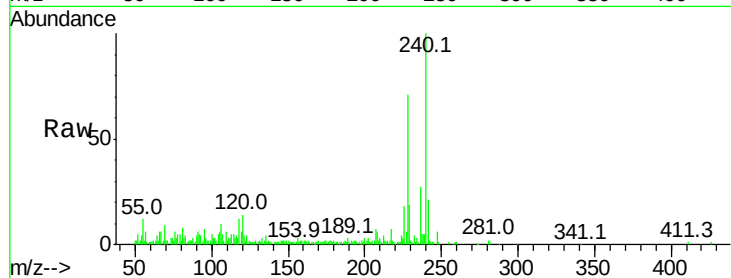
Tot Ion:228 Resp: 171776

Ion Ratio Lower Upper

228 100

229 27.4 15.7 23.5#

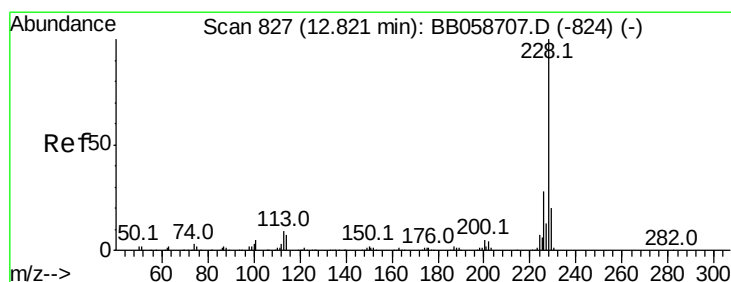
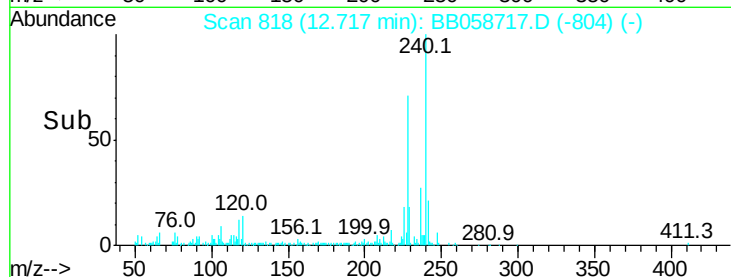
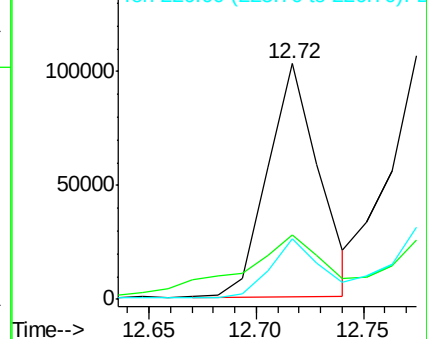
226 25.7 21.0 31.6



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: 2.11 ng/ul

RT: 12.77 min Scan# 823

Delta R.T. -0.04 min

Lab File: BB058717.D

Acq: 9 Mar 2017 18:22

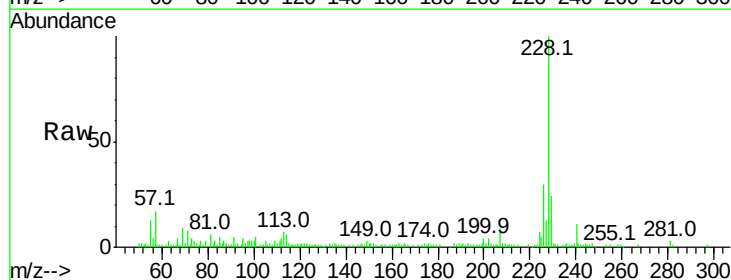
Tgt Ion:228 Resp: 176867

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.0

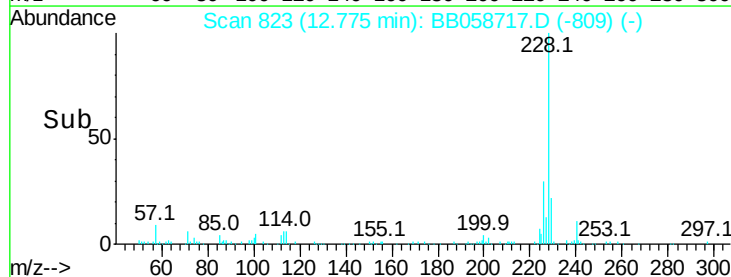
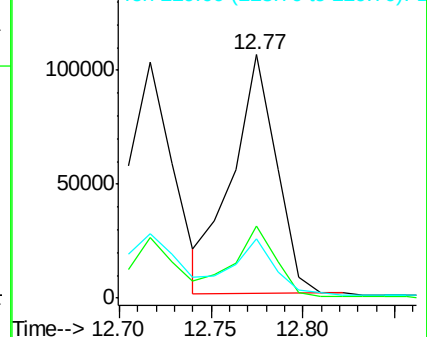
229 24.2 16.1 24.1#

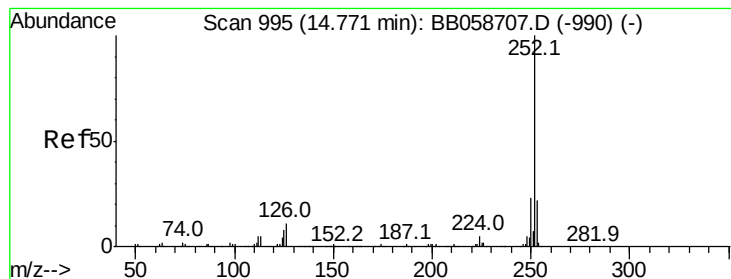


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#24

Benzo(b)fluoranthene

Concen: 2.70 ng/ul

RT: 14.70 min Scan# 989

Delta R.T. -0.06 min

Lab File: BB058717.D

Acq: 9 Mar 2017 18:22

Instrument :

BNA_B

ClientSampleID :

C0AK0

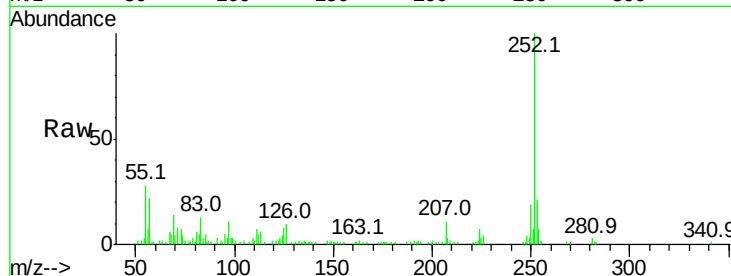
Tot Ion:252 Resp: 221103

Ion Ratio Lower Upper

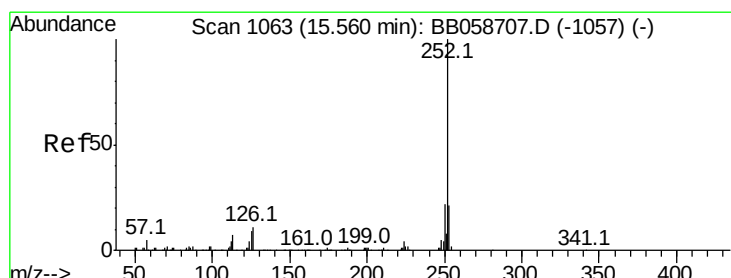
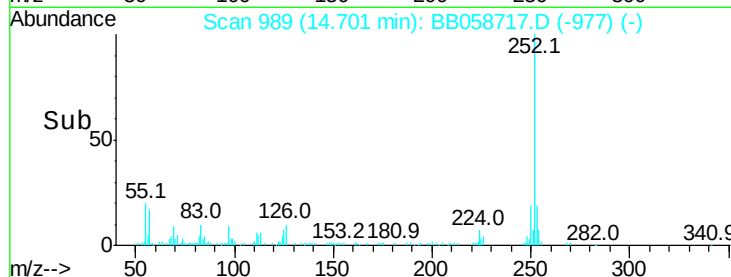
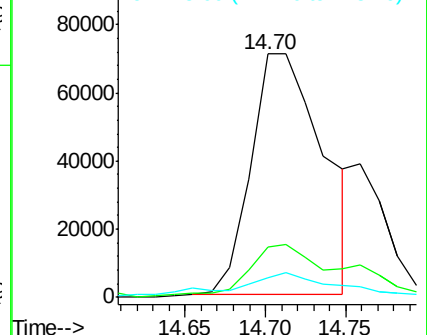
252 100

253 20.7 17.4 26.2

125 8.1 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



#27

Benzo(a)pyrene

Concen: 1.60 ng/ul

RT: 15.49 min Scan# 1057

Delta R.T. -0.06 min

Lab File: BB058717.D

Acq: 9 Mar 2017 18:22

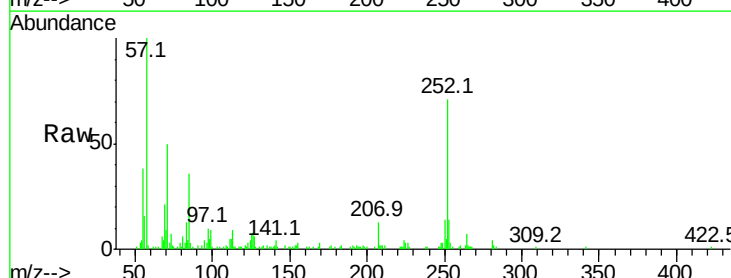
Tgt Ion:252 Resp: 117248

Ion Ratio Lower Upper

252 100

253 19.1 17.3 25.9

125 10.0 7.5 11.3



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

