

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052120\
 Data File : BM026066.D
 Acq On : 21 May 2020 20:42
 Operator : MA/SJ
 Sample : L2725-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B19

Quant Time: May 22 01:54:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 21 10:18:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	161646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	692365	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	422361	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	904661	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	942965	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	970280	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	26907	5.02	ng/uL	0.00
5) Phenol-d5	6.69	99	142919	9.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	382035	37.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	363614	31.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	255612	23.13	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	219124	38.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	237808	42.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	411185	36.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	20620	1.81	ng/ul	0.01
44) Dimethylphthalate-d6	13.56	166	1358886	40.12	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1577737	39.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	54622	9.11	ng/ul	0.00
58) Fluorene-d10	15.14	176	1174490	39.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	211954	40.18	ng/ul	0.00
71) Anthracene-d10	16.99	188	1813200	40.67	ng/ul	0.00
79) Pyrene-d10	19.29	212	2040946	42.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	2098921	40.64	ng/ul	0.00

Target Compounds

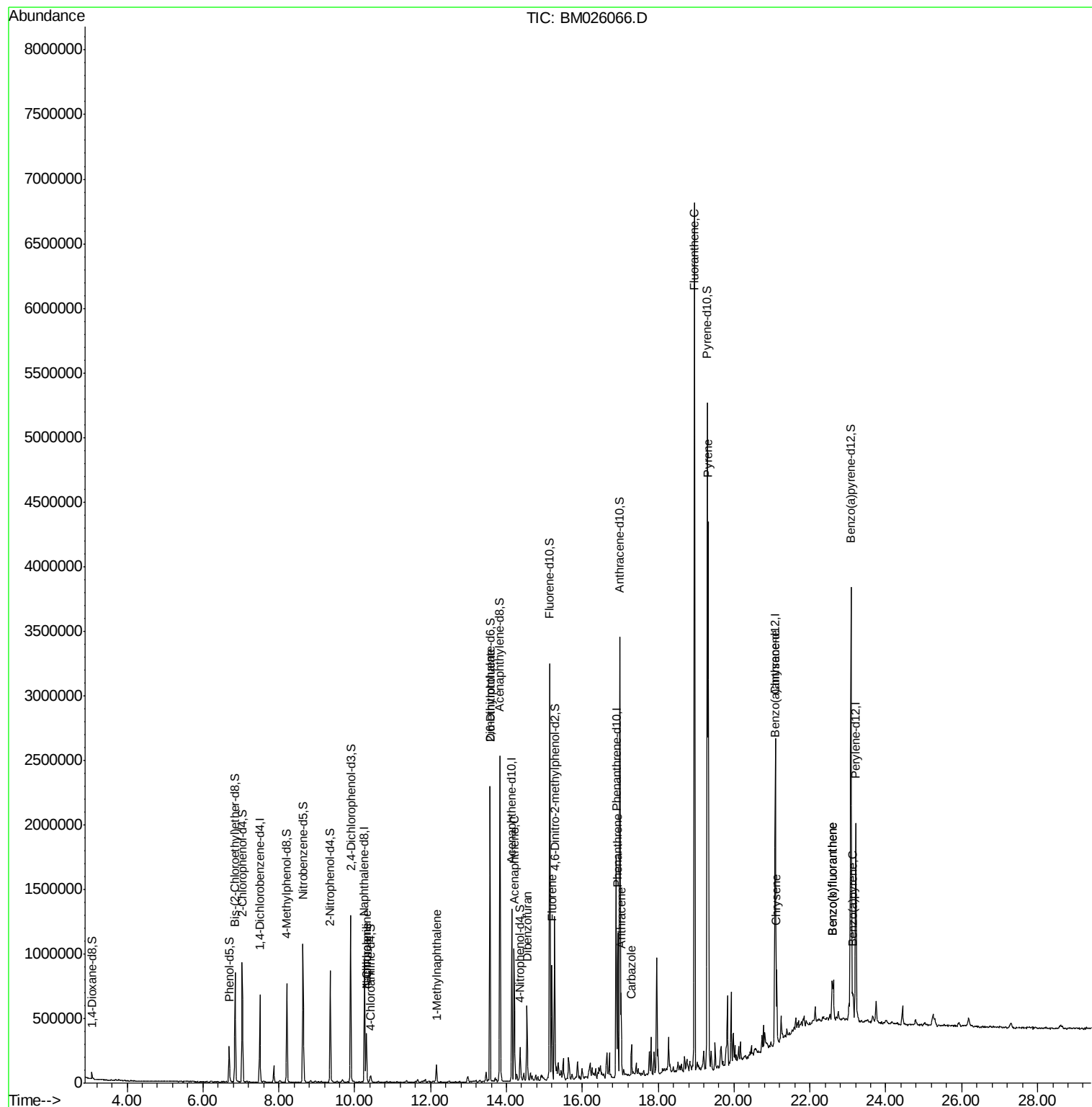
					Ovalue	
28) Naphthalene	10.31	128	279510	6.603	ng/ul	98
30) 4-Chloroaniline	10.31	127	36889	3.106	ng/ul#	22
35) 1-Methylnaphthalene	12.16	142	58013	2.196	ng/ul	100
46) 2,6-Dinitrotoluene	13.57	165	9920	1.520	ng/ul#	32
50) Acenaphthene	14.20	153	381279	12.272	ng/ul	99
54) Dibenzofuran	14.55	168	312521	7.158	ng/ul	100
59) Fluorene	15.20	166	348306	9.861	ng/ul	99
70) Phenanthrene	16.93	178	611568	10.732	ng/ul	99
72) Anthracene	17.02	178	339685	5.941	ng/ul	98
75) Carbazole	17.29	167	137099	2.899	ng/ul	99
77) Fluoranthene	18.96	202	3605374	60.315	ng/ul	98
80) Pyrene	19.32	202	2377337	35.912	ng/ul	98
83) Benzo(a)anthracene	21.07	228	453638	6.980	ng/ul	99
85) Chrysene	21.12	228	307575	4.761	ng/ul	98
88) Benzo(b)fluoranthene	22.59	252	240765	3.669	ng/ul	95
89) Benzo(k)fluoranthene	22.59	252	240765	3.673	ng/ul	94
91) Benzo(a)pyrene	23.12	252	128185	2.219	ng/ul	99

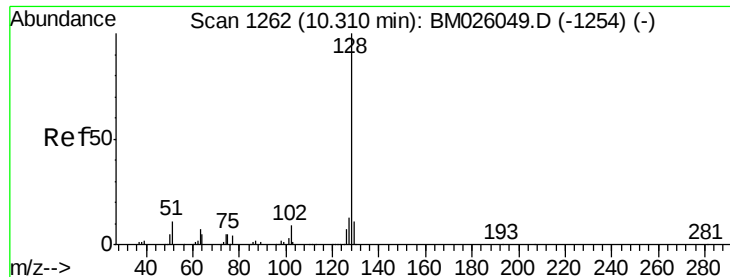
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9B19

Quant Time: May 22 01:54:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 21 10:18:34 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 6.603 ng/ul

RT: 10.31 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

Instrument :

BNA_M

ClientSampleId :

F9B19

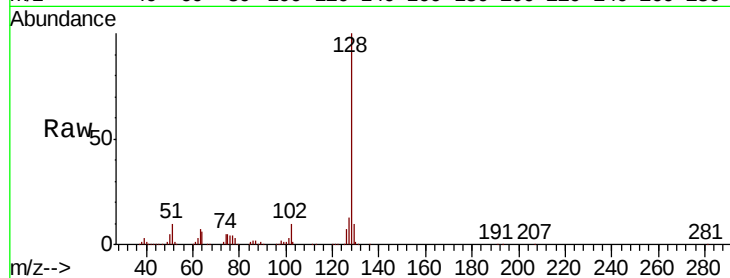
Tot Ion:128 Resp: 279510

Ion Ratio Lower Upper

128 100

129 10.0 9.0 13.4

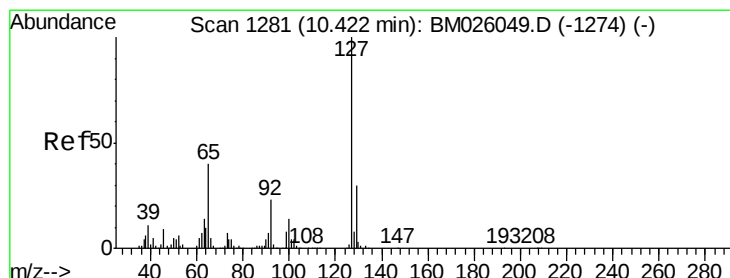
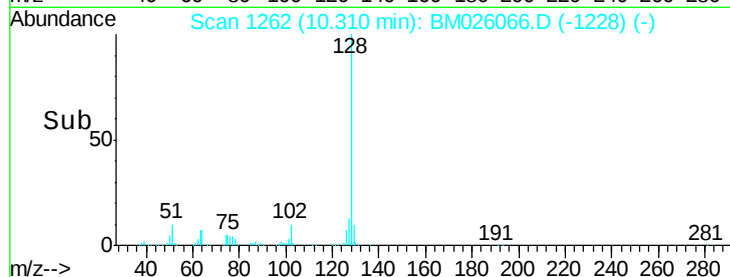
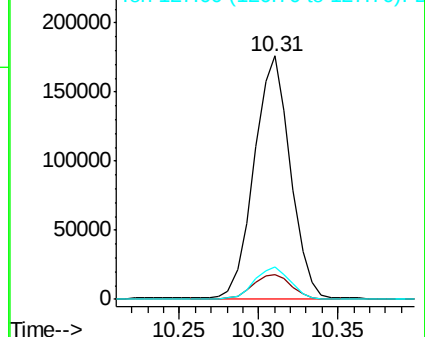
127 13.1 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 3.106 ng/ul

RT: 10.31 min Scan# 1262

Delta R.T. -0.11 min

Lab File: BM026066.D

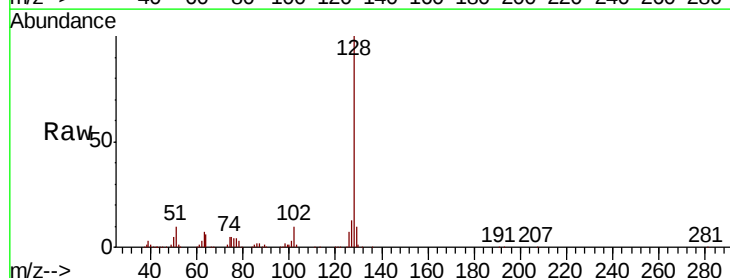
Acq: 21 May 2020 20:42

Tgt Ion:127 Resp: 36889

Ion Ratio Lower Upper

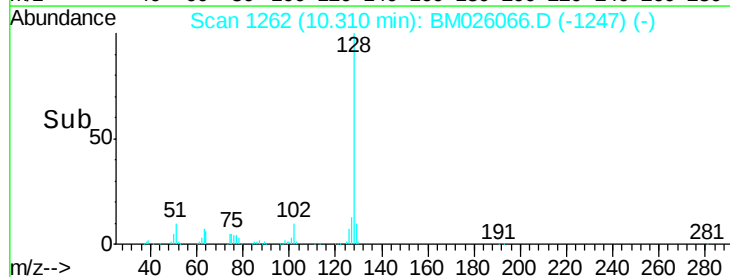
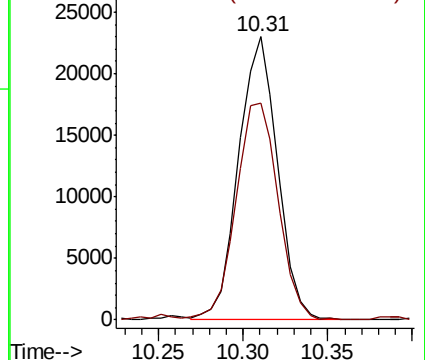
127 100

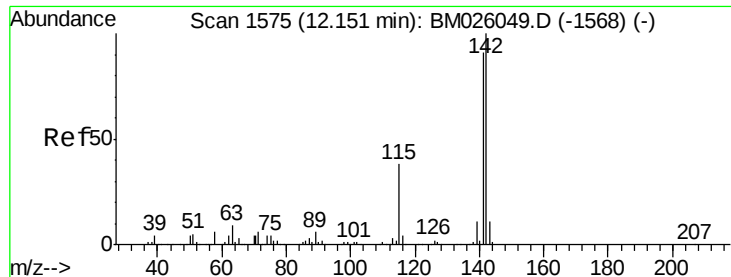
129 76.5 26.2 39.2#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

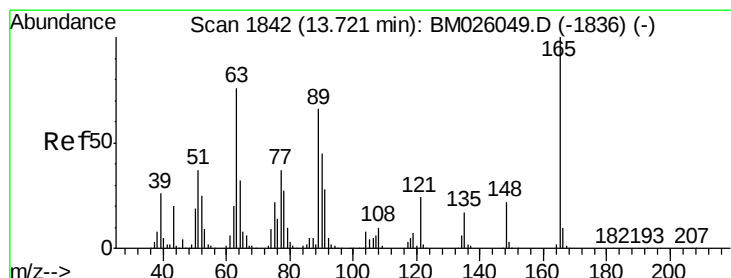
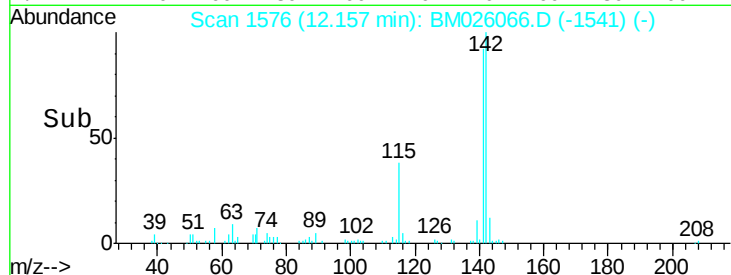
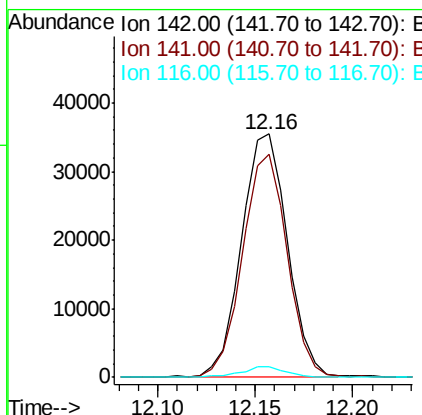
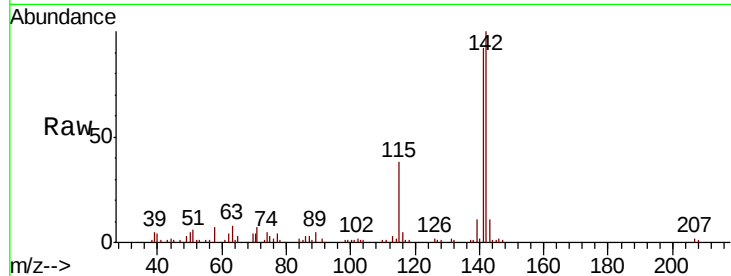




#35
 1-Methylnaphthalene
 Concen: 2.196 ng/ul
 RT: 12.16 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BM026066.D
 Acq: 21 May 2020 20:42

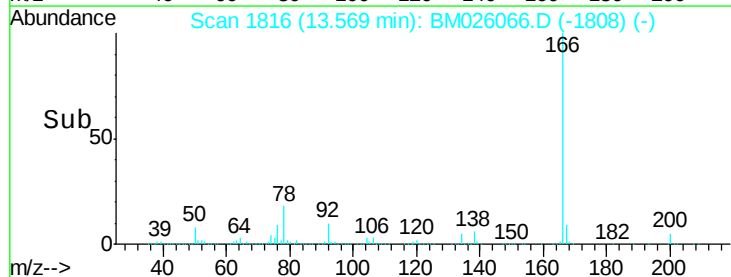
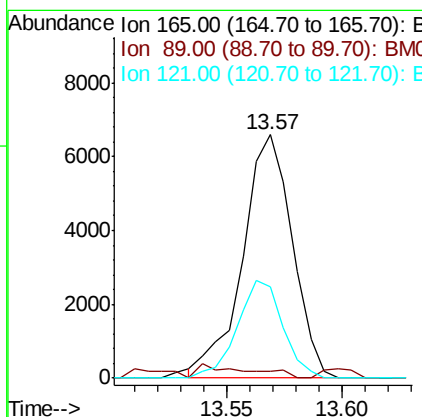
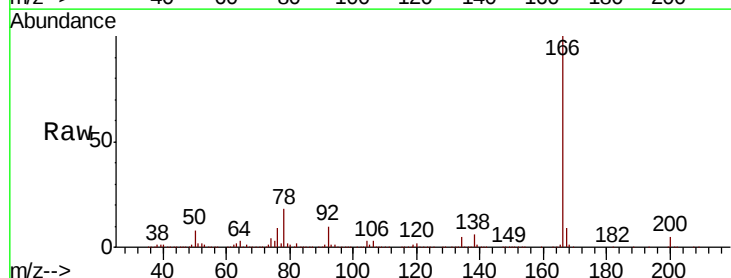
Instrument :
 BNA_M
 ClientSampleId :
 F9B19

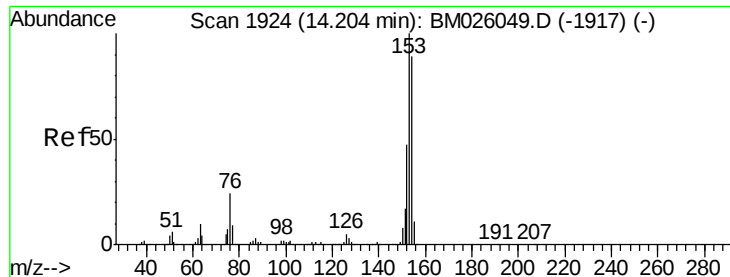
Tot Ion:142 Resp: 58013
 Ion Ratio Lower Upper
 142 100
 141 91.5 73.0 109.4
 116 4.5 3.3 4.9



#46
 2,6-Dinitrotoluene
 Concen: 1.520 ng/ul
 RT: 13.57 min Scan# 1816
 Delta R.T. -0.15 min
 Lab File: BM026066.D
 Acq: 21 May 2020 20:42

Tgt Ion:165 Resp: 9920
 Ion Ratio Lower Upper
 165 100
 89 2.8 54.2 81.4#
 121 37.4 18.3 27.5#





#50

Acenaphthene

Concen: 12.272 ng/ul

RT: 14.20 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

Instrument :

BNA_M

ClientSampleId :

F9B19

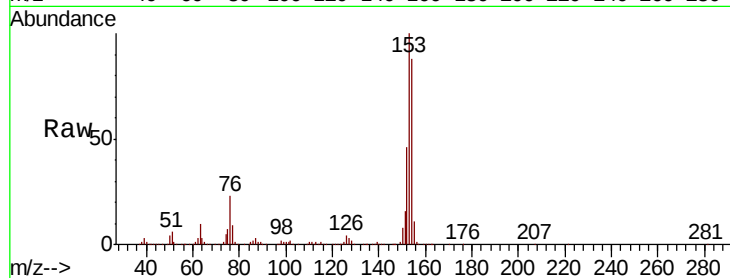
Tot Ion:153 Resp: 381279

Ion Ratio Lower Upper

153 100

152 45.6 37.2 55.8

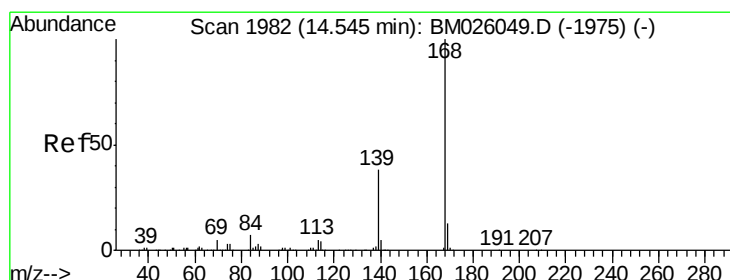
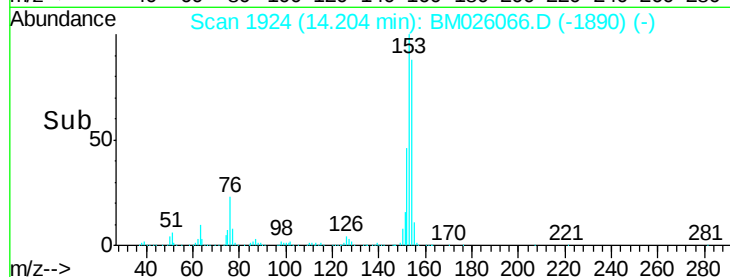
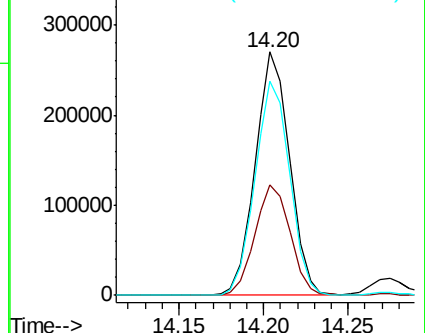
154 87.9 69.8 104.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 7.158 ng/ul

RT: 14.55 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM026066.D

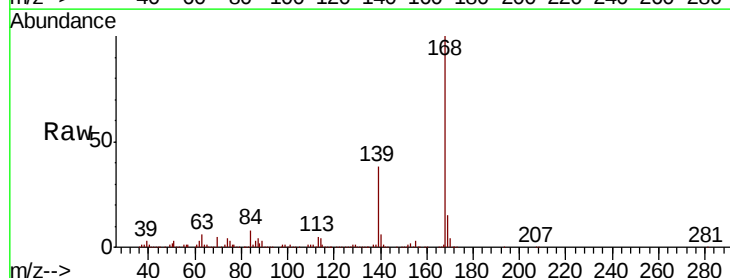
Acq: 21 May 2020 20:42

Tgt Ion:168 Resp: 312521

Ion Ratio Lower Upper

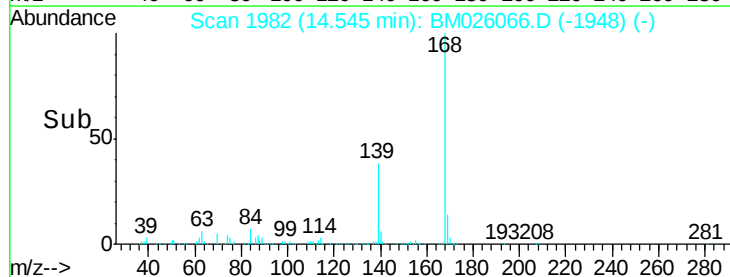
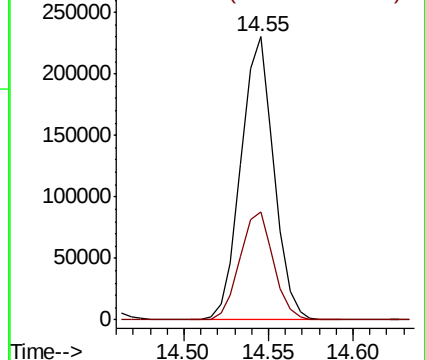
168 100

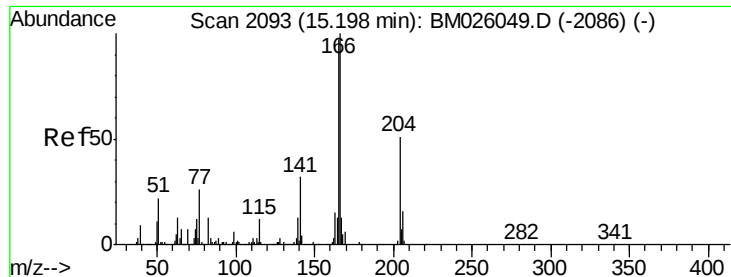
139 38.3 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 9.861 ng/ul

RT: 15.20 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

Instrument :

BNA_M

ClientSampleId :

F9B19

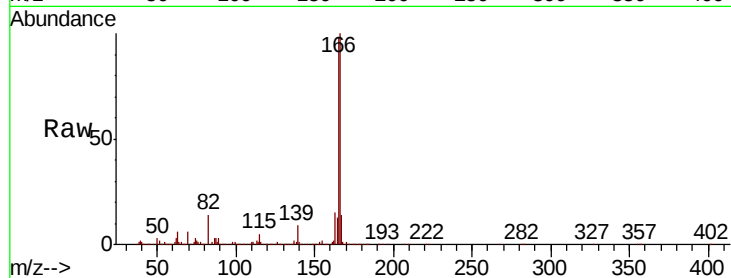
Tot Ion:166 Resp: 348306

Ion Ratio Lower Upper

166 100

165 98.1 77.3 115.9

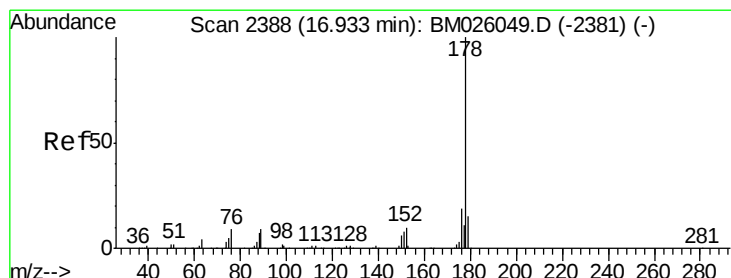
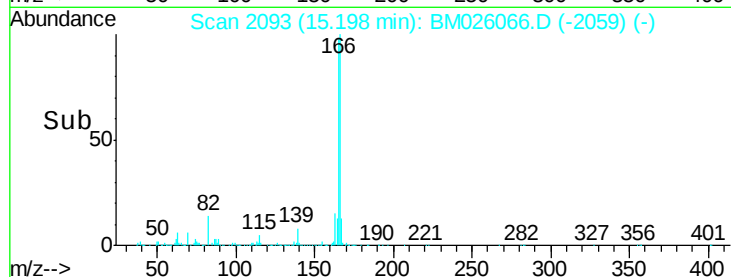
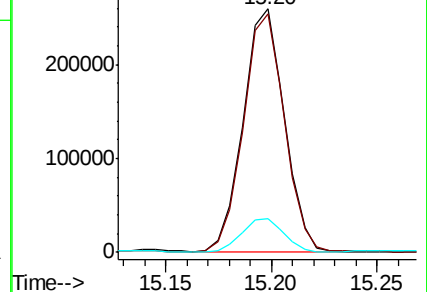
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 10.732 ng/ul

RT: 16.93 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

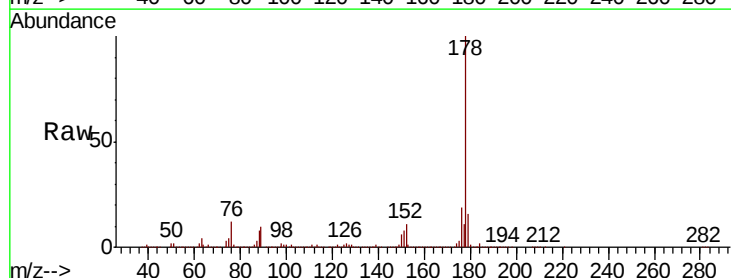
Tgt Ion:178 Resp: 611568

Ion Ratio Lower Upper

178 100

179 15.7 11.9 17.9

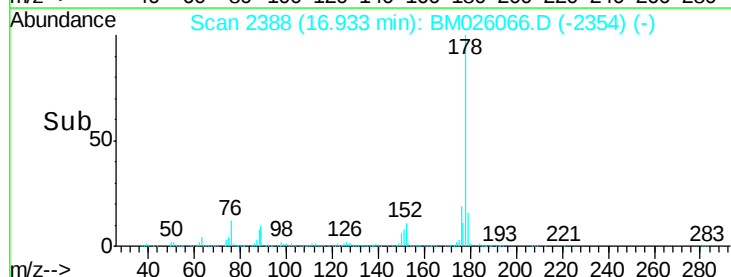
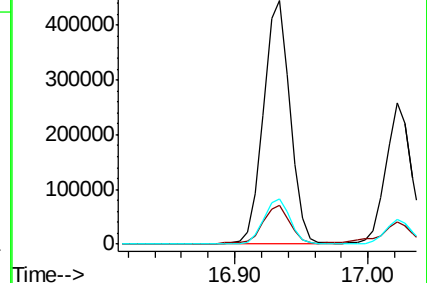
176 18.8 14.9 22.3

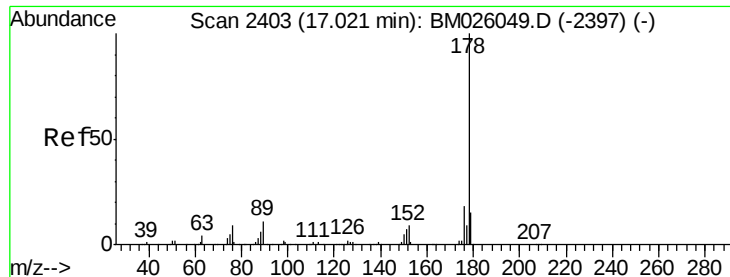


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 5.941 ng/ul

RT: 17.02 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

Instrument :

BNA_M

ClientSampleId :

F9B19

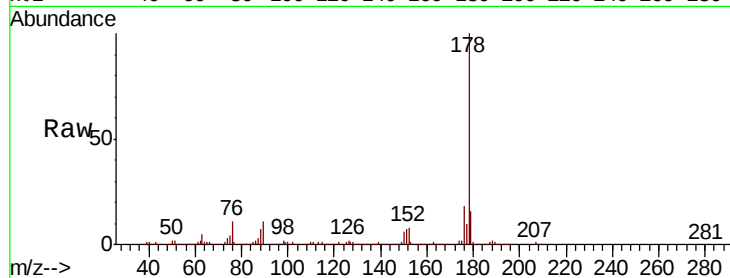
Tot Ion:178 Resp: 339685

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

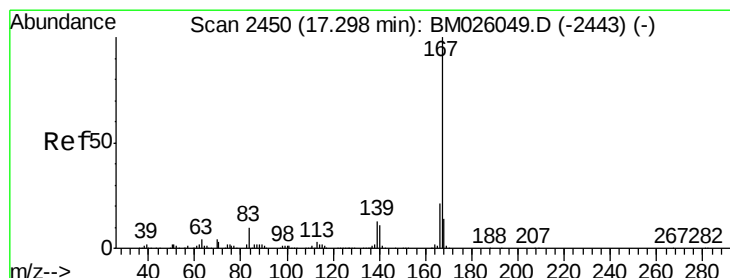
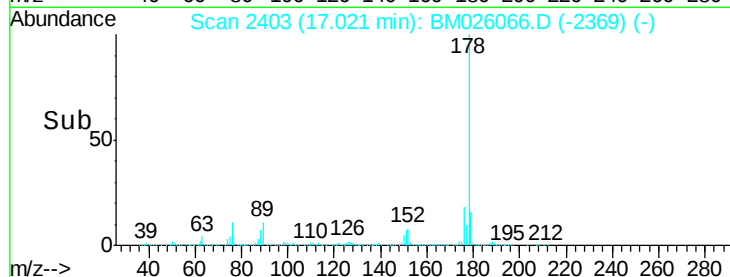
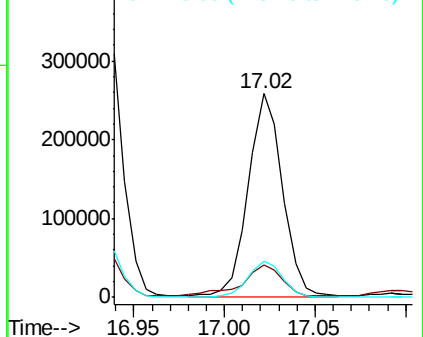
176 17.8 14.9 22.3



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



#75

Carbazole

Concen: 2.899 ng/ul

RT: 17.29 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

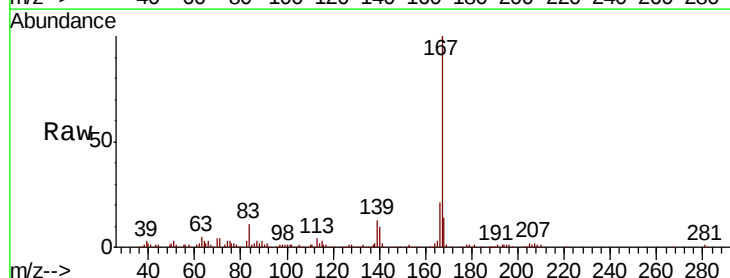
Tgt Ion:167 Resp: 137099

Ion Ratio Lower Upper

167 100

166 21.0 16.6 25.0

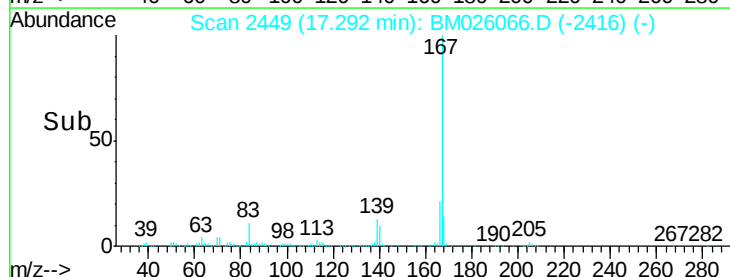
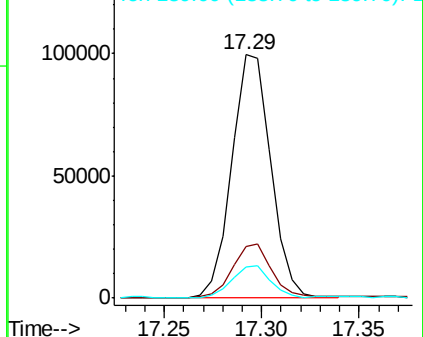
139 13.0 10.8 16.2

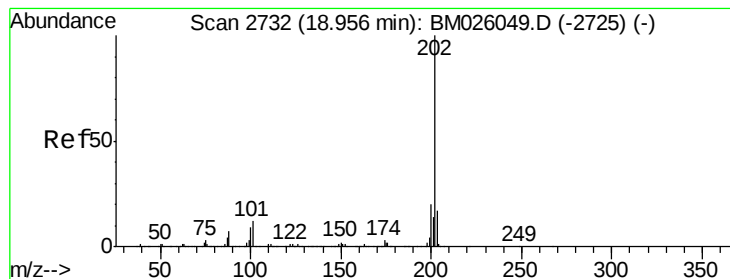


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 60.315 ng/ul

RT: 18.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

Instrument :

BNA_M

ClientSampleId :

F9B19

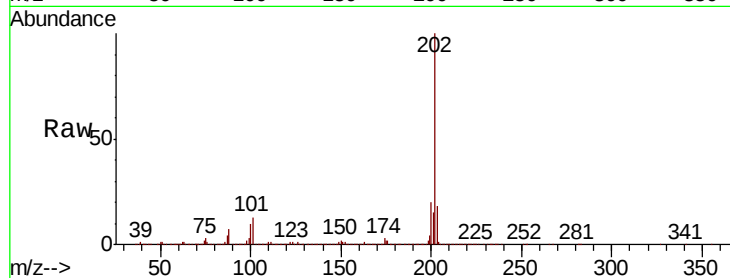
Tot Ion:202 Resp: 3605374

Ion Ratio Lower Upper

202 100

101 12.8 9.5 14.3

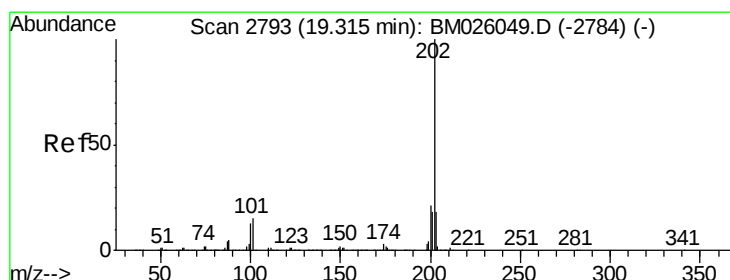
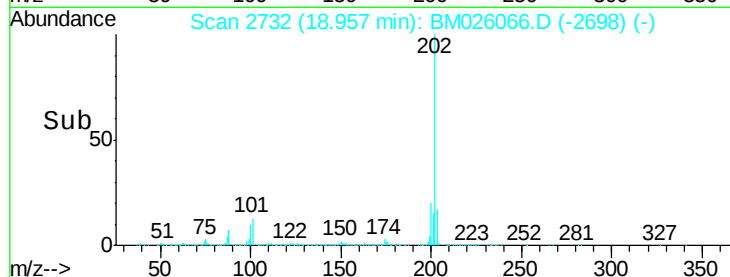
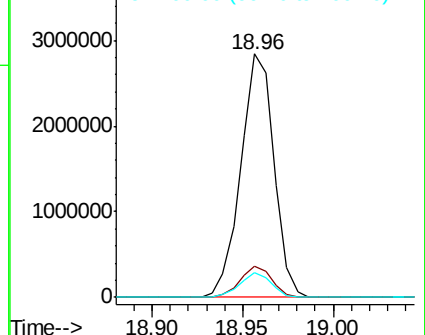
100 10.0 7.6 11.4



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



#80

Pyrene

Concen: 35.912 ng/ul

RT: 19.32 min Scan# 2794

Delta R.T. 0.01 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

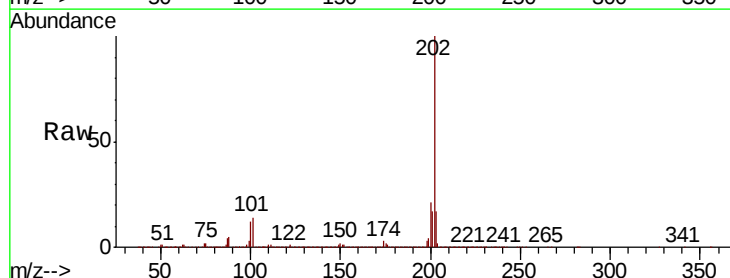
Tgt Ion:202 Resp: 2377337

Ion Ratio Lower Upper

202 100

101 14.2 12.2 18.4

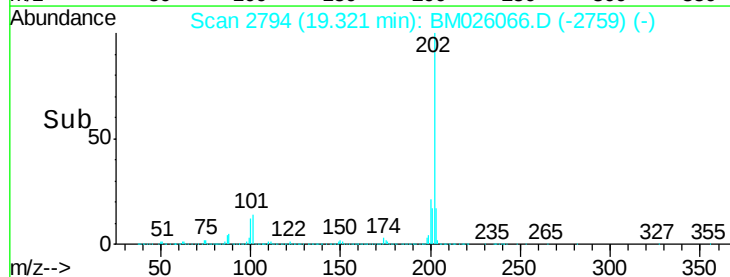
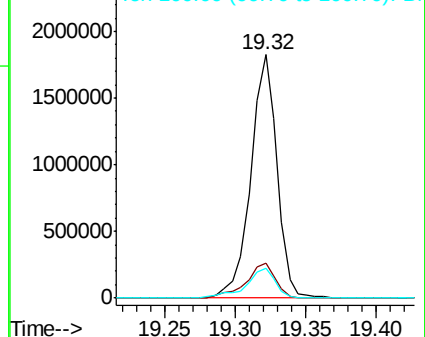
100 12.2 10.2 15.4

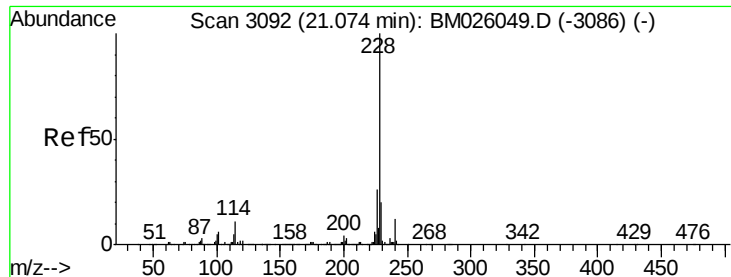


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 6.980 ng/ul

RT: 21.07 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

Instrument :

BNA_M

ClientSampleId :

F9B19

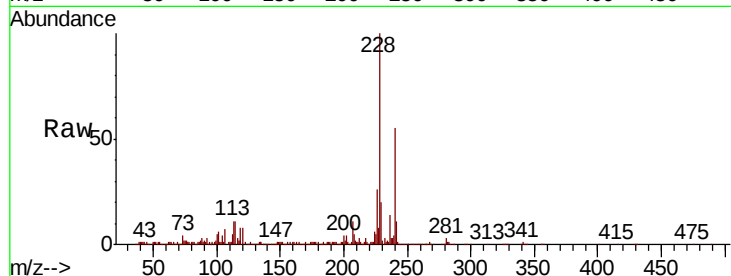
Tot Ion:228 Resp: 453638

Ion Ratio Lower Upper

228 100

229 20.1 15.5 23.3

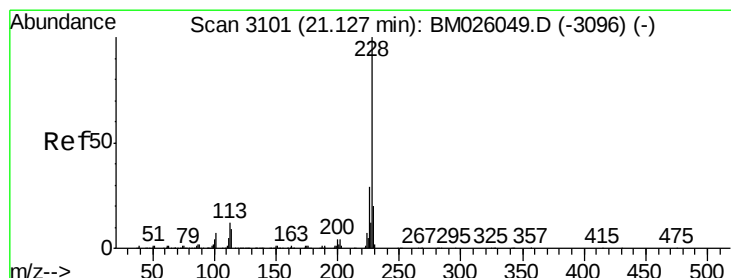
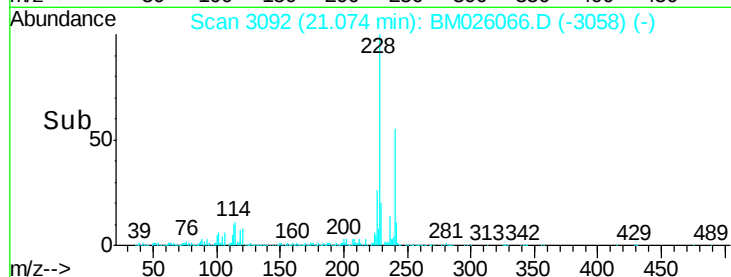
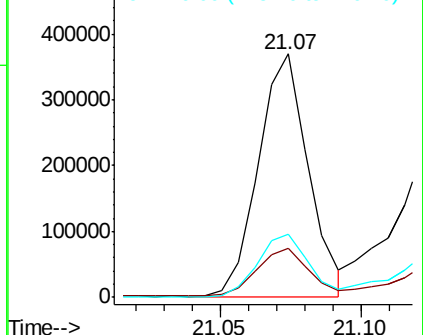
226 25.8 21.2 31.8



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



#85

Chrysene

Concen: 4.761 ng/ul

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

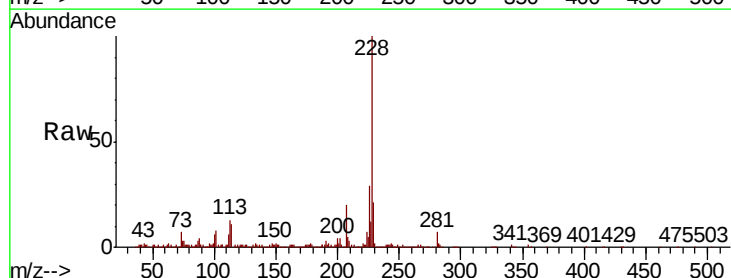
Tgt Ion:228 Resp: 307575

Ion Ratio Lower Upper

228 100

226 29.3 23.0 34.6

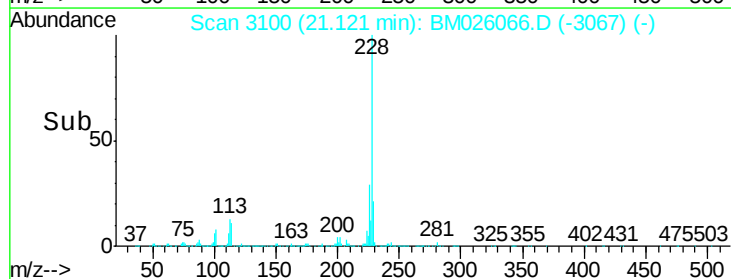
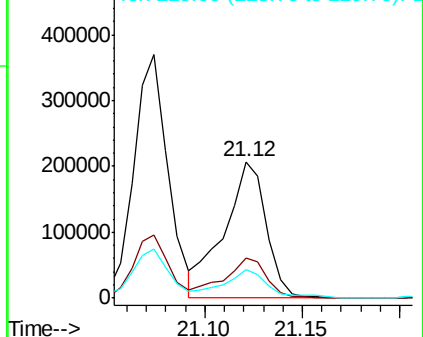
229 21.2 15.5 23.3

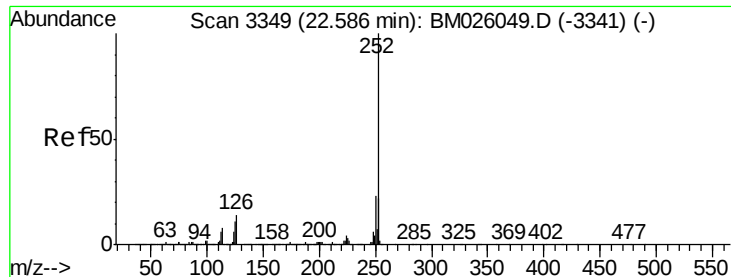


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 3.669 ng/u1

RT: 22.59 min Scan# 3349

Delta R.T. 0.00 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

Instrument :

BNA_M

ClientSampleId :

F9B19

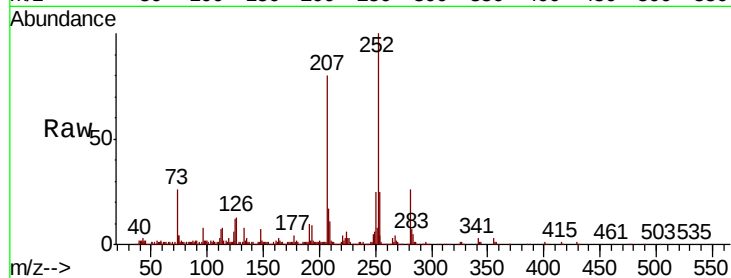
Tot Ion:252 Resp: 240765

Ion Ratio Lower Upper

252 100

253 24.7 17.1 25.7

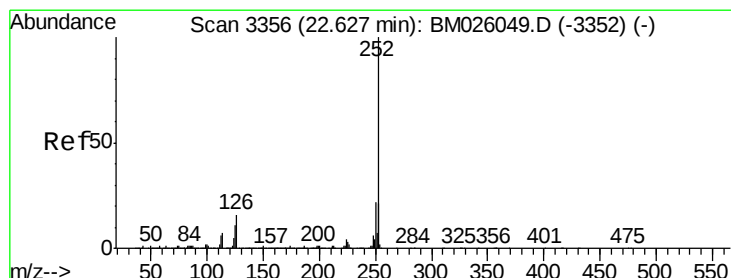
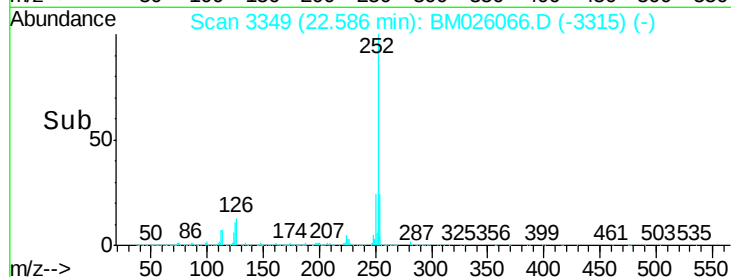
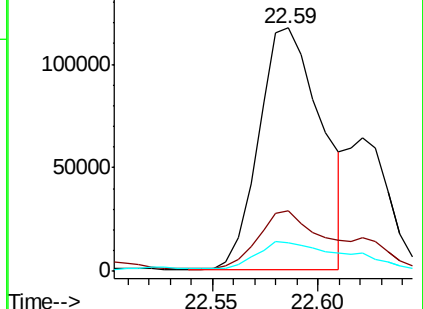
125 11.7 8.9 13.3



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



#89

Benzo(k)fluoranthene

Concen: 3.673 ng/u1

RT: 22.59 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

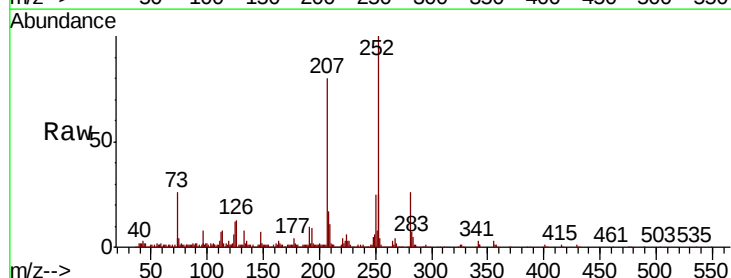
Tgt Ion:252 Resp: 240765

Ion Ratio Lower Upper

252 100

253 24.7 17.0 25.4

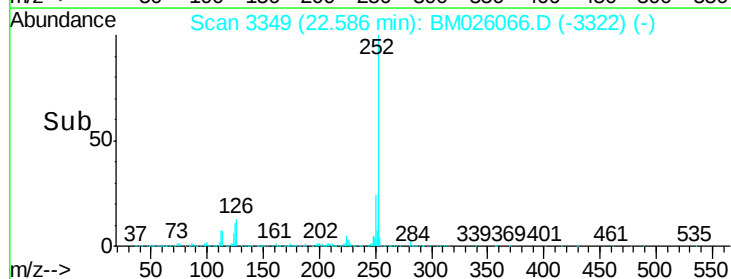
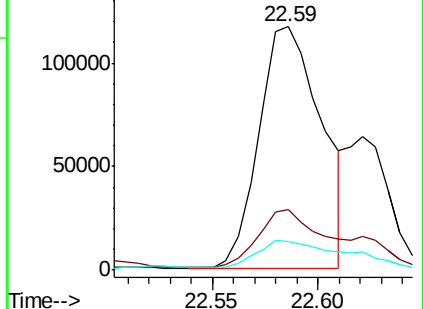
125 11.7 8.6 13.0

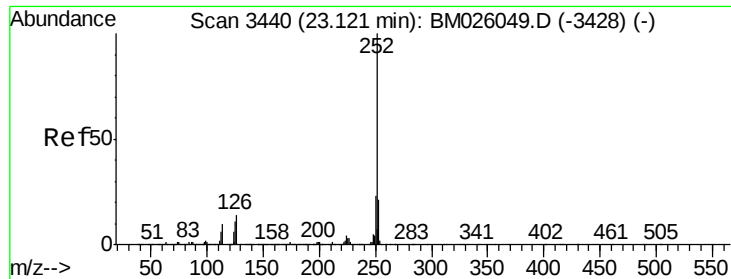


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.219 ng/ul

RT: 23.12 min Scan# 3439

Delta R.T. -0.01 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

Instrument :

BNA_M

ClientSampleId :

F9B19

Tot Ion:252 Resp: 128185

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 12.0 9.8 14.6

