

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
 Data File : BM026125.D
 Acq On : 26 May 2020 22:28
 Operator : MA/SJ
 Sample : L2737-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B21DL

Quant Time: May 27 06:48:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 26 11:15:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	148445	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	610918	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	369386	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	804164	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	868281	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	903202	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	6092	1.24	ng/uL	0.00
5) Phenol-d5	6.69	99	25767	1.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	66056	7.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	61364	5.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	43147	4.25	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	34597	6.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	33960	6.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	62166	6.28	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	222958	7.53	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	244633	6.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	7184	1.37	ng/ul	0.00
58) Fluorene-d10	15.13	176	192855	7.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	21309	4.54	ng/ul	0.00
71) Anthracene-d10	16.97	188	297786	7.51	ng/ul	0.00
79) Pyrene-d10	19.28	212	335267	7.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	354143	7.37	ng/ul	0.00

Target Compounds

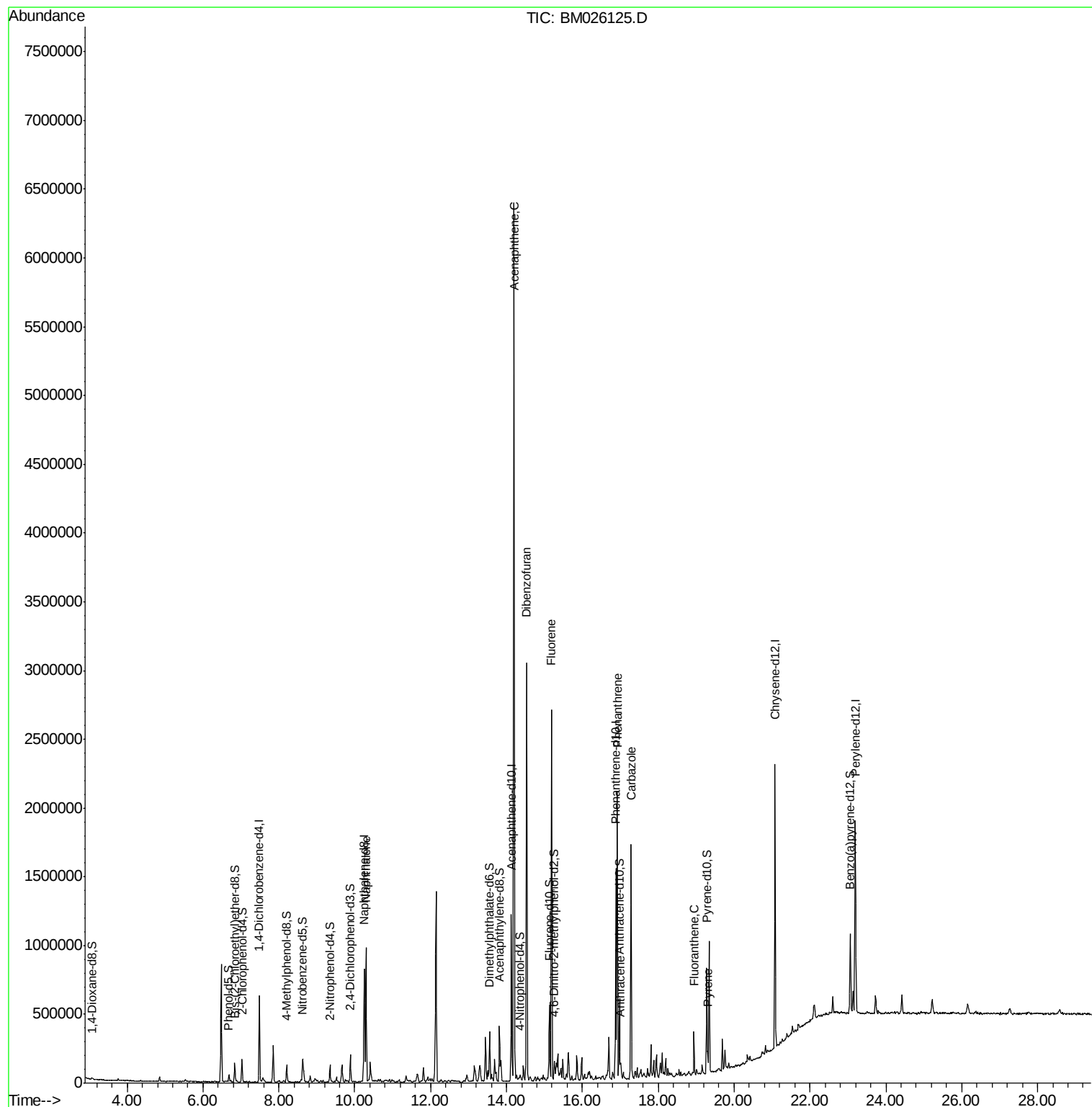
						Qvalue
28) Naphthalene	10.30	128	711622	19.05	ng/ul	100
50) Acenaphthene	14.20	153	2362281	86.94	ng/ul	99
54) Dibenzofuran	14.53	168	1757833	46.03	ng/ul	100
59) Fluorene	15.19	166	1106985	35.84	ng/ul	99
70) Phenanthrene	16.92	178	1082053	21.36	ng/ul	100
72) Anthracene	17.01	178	67743	1.33	ng/ul	98
75) Carbazole	17.29	167	954667	22.71	ng/ul	99
77) Fluoranthene	18.94	202	161984	3.05	ng/ul	99
80) Pyrene	19.31	202	86305	1.42	ng/ul	97

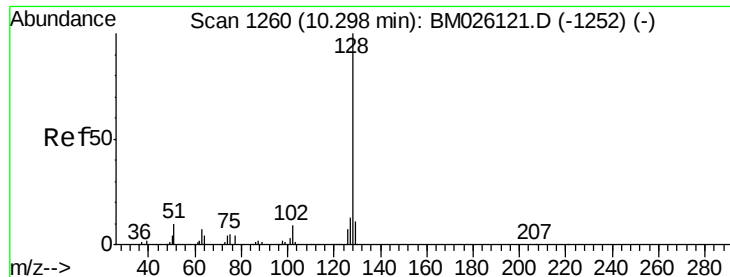
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026125.D
Acq On : 26 May 2020 22:28
Operator : MA/SJ
Sample : L2737-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9B21DL

Quant Time: May 27 06:48:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration

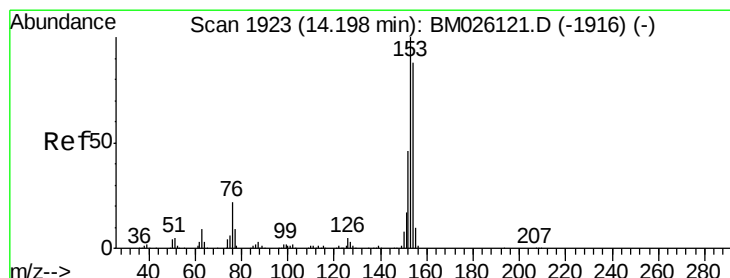
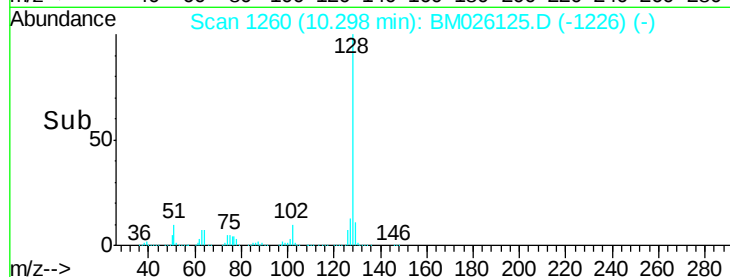
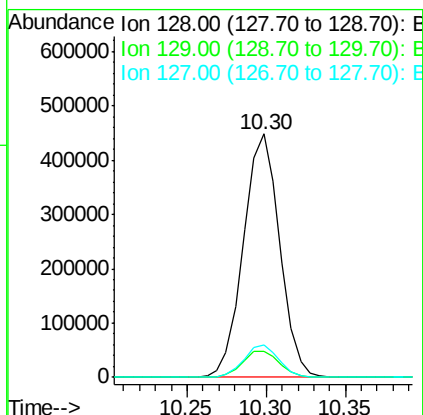
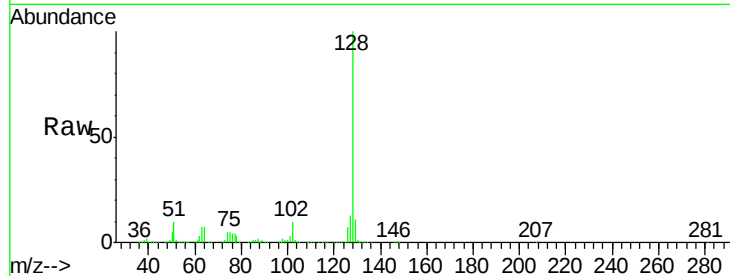




#28
Naphthalene
Concen: 19.05 ng/ul
RT: 10.30 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BM026125.D
Acq: 26 May 2020 22:28

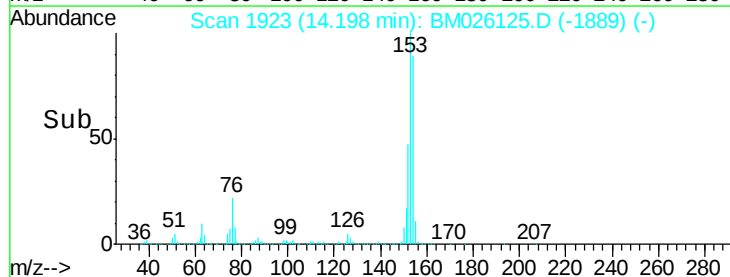
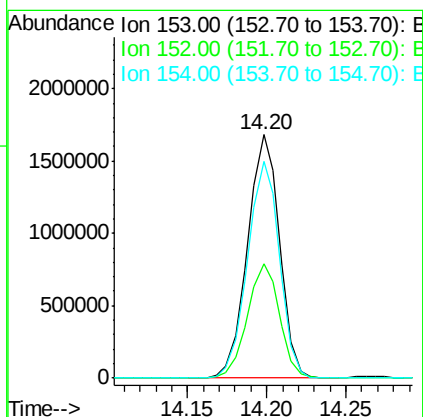
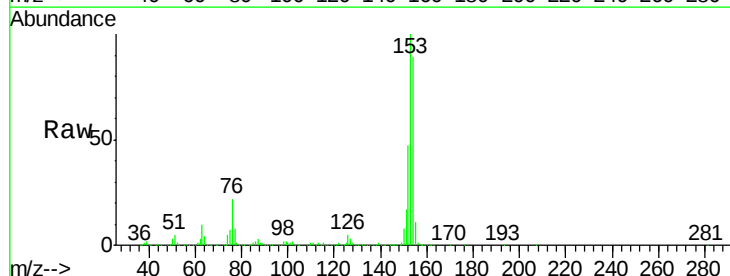
Instrument :
BNA_M
ClientSampleId :
F9B21DL

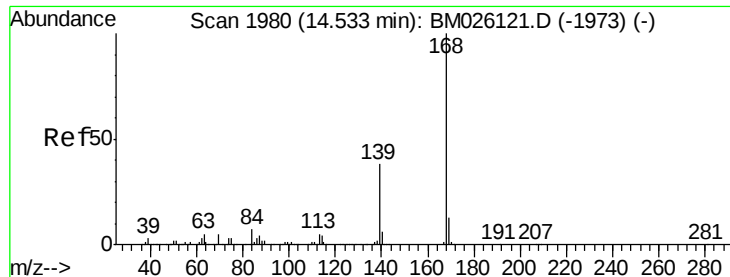
Tgt Ion:128 Resp: 711622
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.1 10.6 15.8



#50
Acenaphthene
Concen: 86.94 ng/ul
RT: 14.20 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BM026125.D
Acq: 26 May 2020 22:28

Tgt Ion:153 Resp: 2362281
Ion Ratio Lower Upper
153 100
152 46.8 37.2 55.8
154 88.9 69.8 104.8





#54

Dibenzenofuran

Concen: 46.03 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM026125.D

Acq: 26 May 2020 22:28

Instrument :

BNA_M

ClientSampleId :

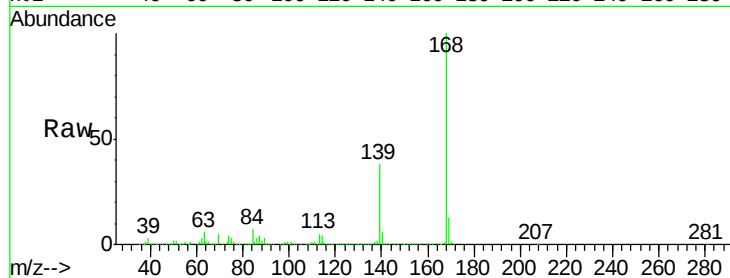
F9B21DL

Tgt Ion:168 Resp: 1757833

Ion Ratio Lower Upper

168 100

139 38.2 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

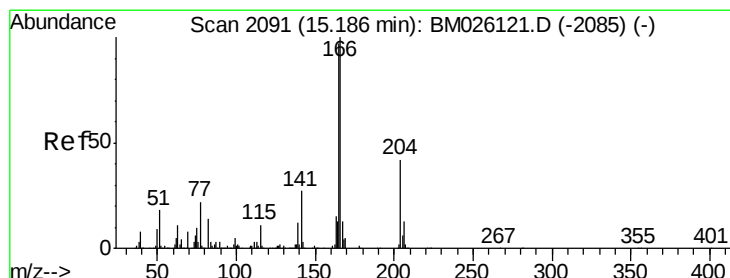
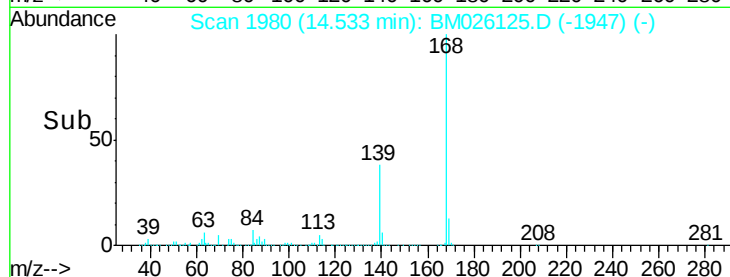
14.53

1000000

500000

0

Time-->



#59

Fluorene

Concen: 35.84 ng/ul

RT: 15.19 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BM026125.D

Acq: 26 May 2020 22:28

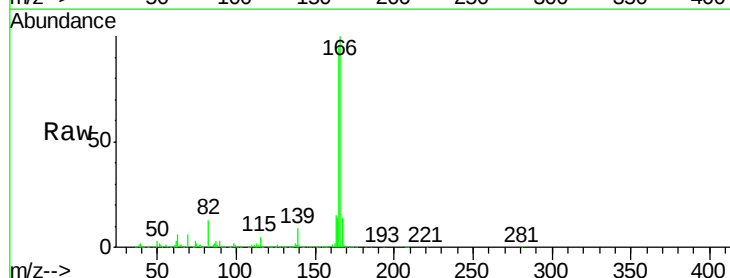
Tgt Ion:166 Resp: 1106985

Ion Ratio Lower Upper

166 100

165 95.6 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

15.19

1000000

800000

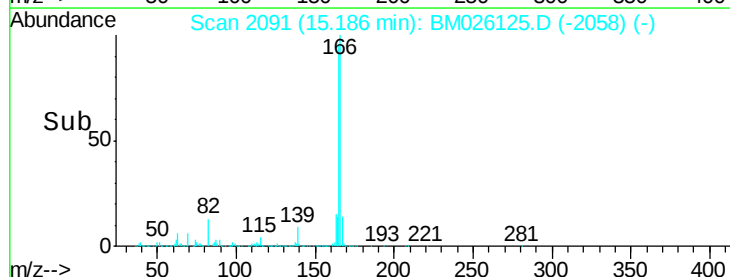
600000

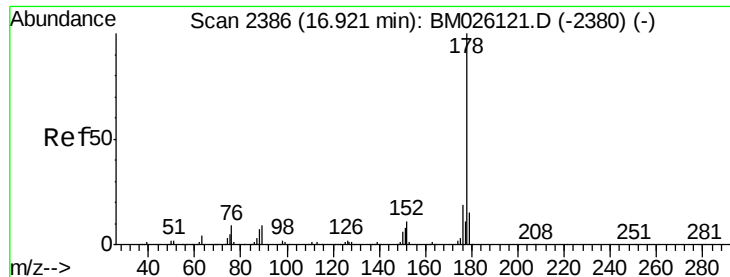
400000

200000

0

Time-->





#70

Phenanthrene

Concen: 21.36 ng/ul

RT: 16.92 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM026125.D

Acq: 26 May 2020 22:28

Instrument :

BNA_M

ClientSampleId :

F9B21DL

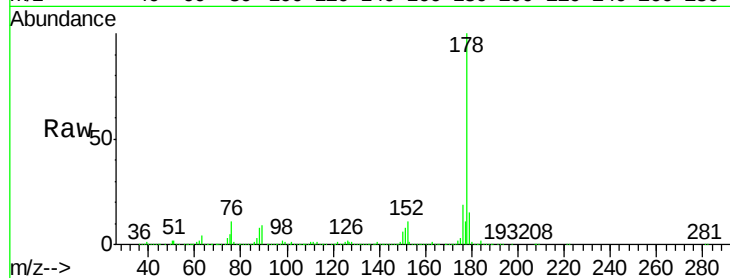
Tgt Ion:178 Resp: 1082053

Ion Ratio Lower Upper

178 100

179 14.9 11.9 17.9

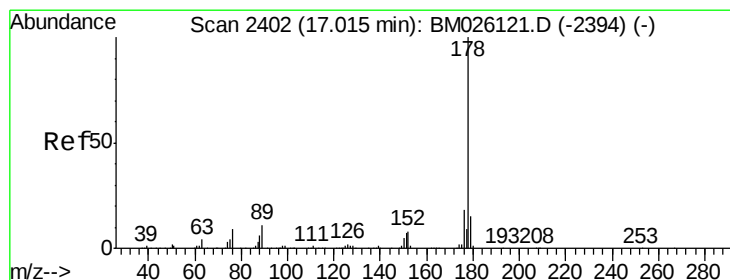
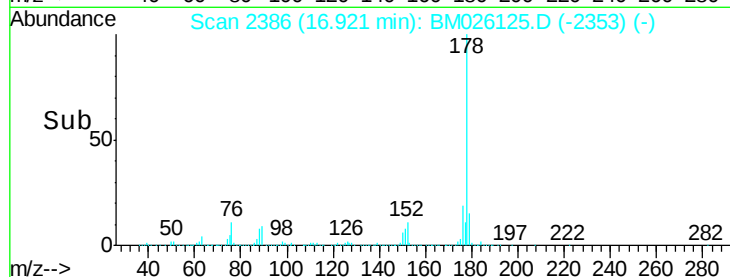
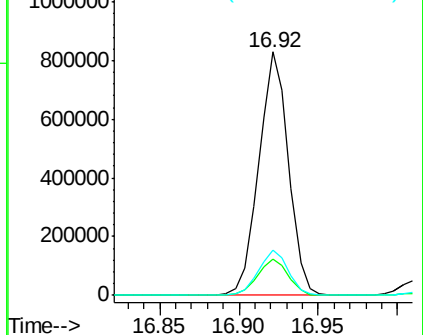
176 18.6 14.9 22.3



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: 1.33 ng/ul

RT: 17.01 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM026125.D

Acq: 26 May 2020 22:28

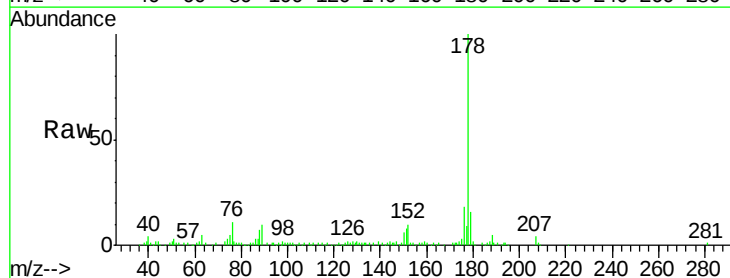
Tgt Ion:178 Resp: 67743

Ion Ratio Lower Upper

178 100

179 16.5 12.2 18.4

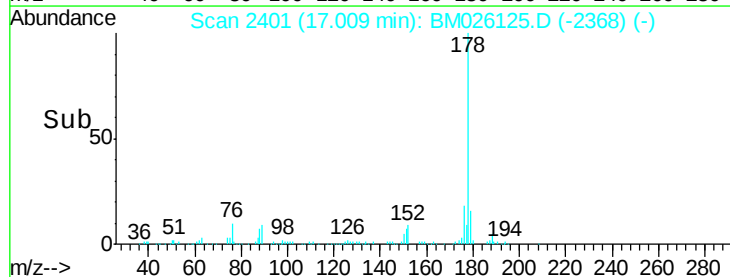
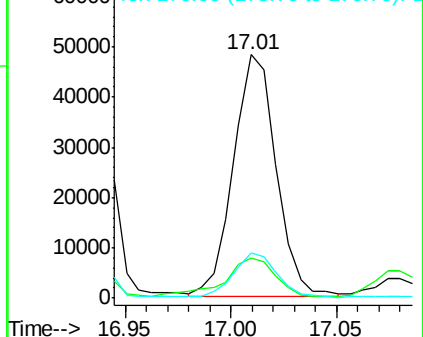
176 18.4 14.9 22.3

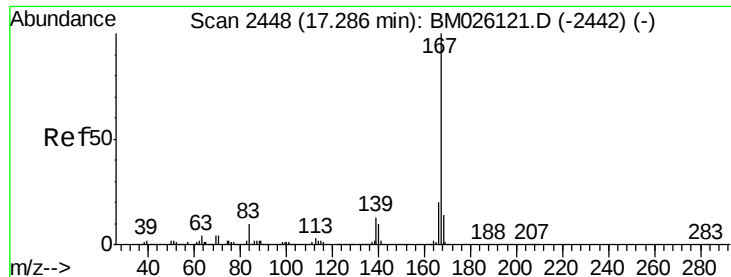


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

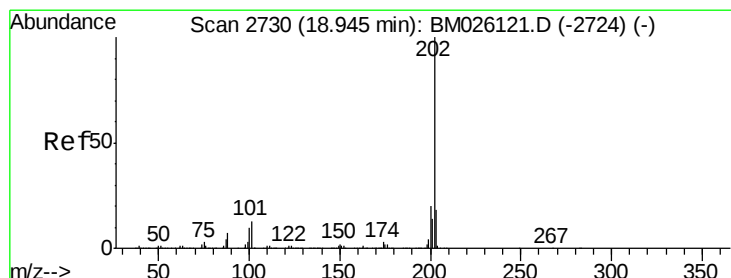
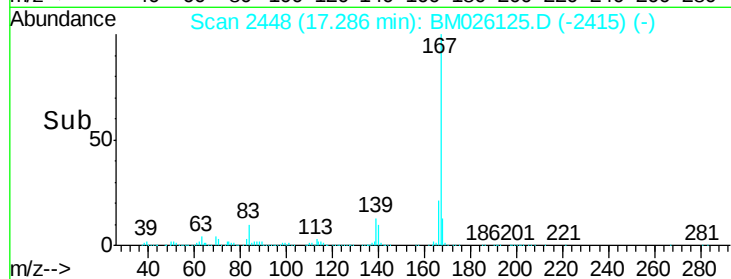
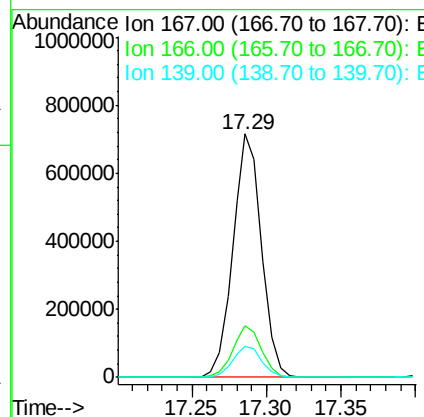
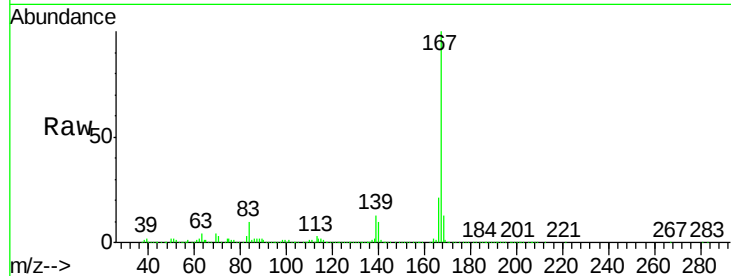




#75
 Carbazole
 Concen: 22.71 ng/ul
 RT: 17.29 min Scan# 2448
 Delta R.T. -0.01 min
 Lab File: BM026125.D
 Acq: 26 May 2020 22:28

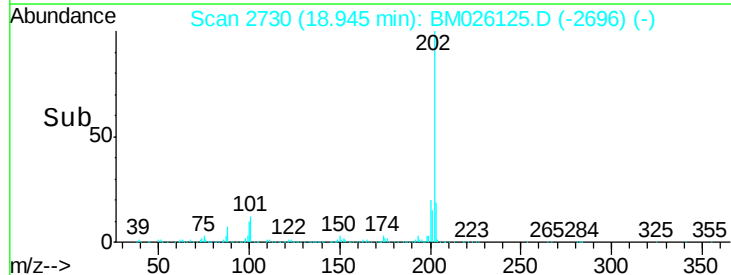
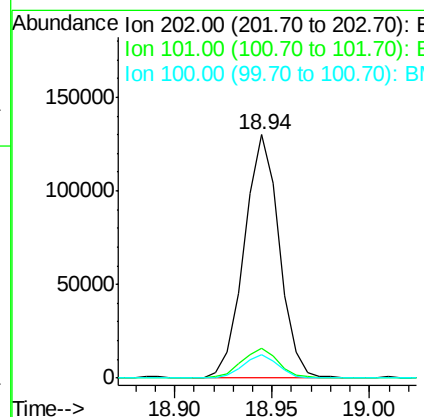
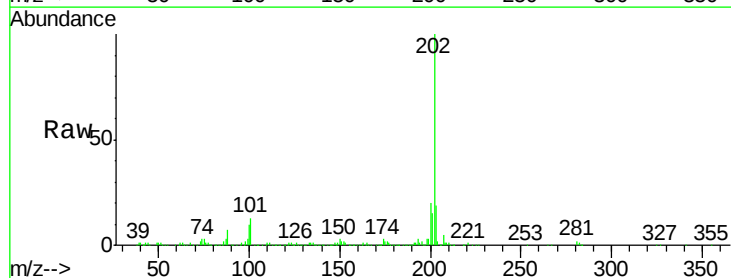
Instrument :
 BNA_M
 ClientSampleId :
 F9B21DL

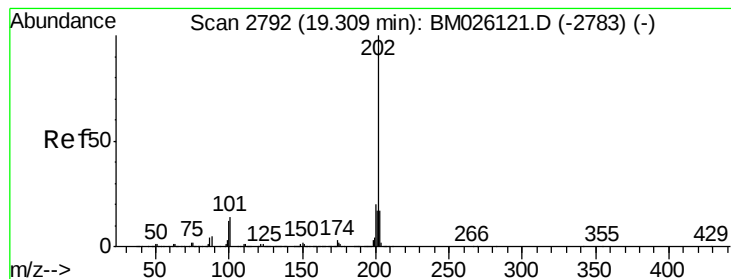
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.6	25.0
139	12.8	10.8	16.2



#77
 Fluoranthene
 Concen: 3.05 ng/ul
 RT: 18.94 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: BM026125.D
 Acq: 26 May 2020 22:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.5	14.3
100	9.6	7.6	11.4





#80

Pyrene

Concen: 1.42 ng/ul

RT: 19.31 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM026125.D

Acq: 26 May 2020 22:28

Instrument :

BNA_M

ClientSampleId :

F9B21DL

Tgt Ion: 202 Resp: 86305

Ion Ratio Lower Upper

202 100

101 13.1 12.2 18.4

100 12.2 10.2 15.4

