

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050120\
 Data File : BM025967.D
 Acq On : 01 May 2020 14:14
 Operator : MA/SJ
 Sample : L2321-03DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2M11DL

Quant Time: May 01 14:47:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 12:24:43 2020
 Response via : Initial Calibration

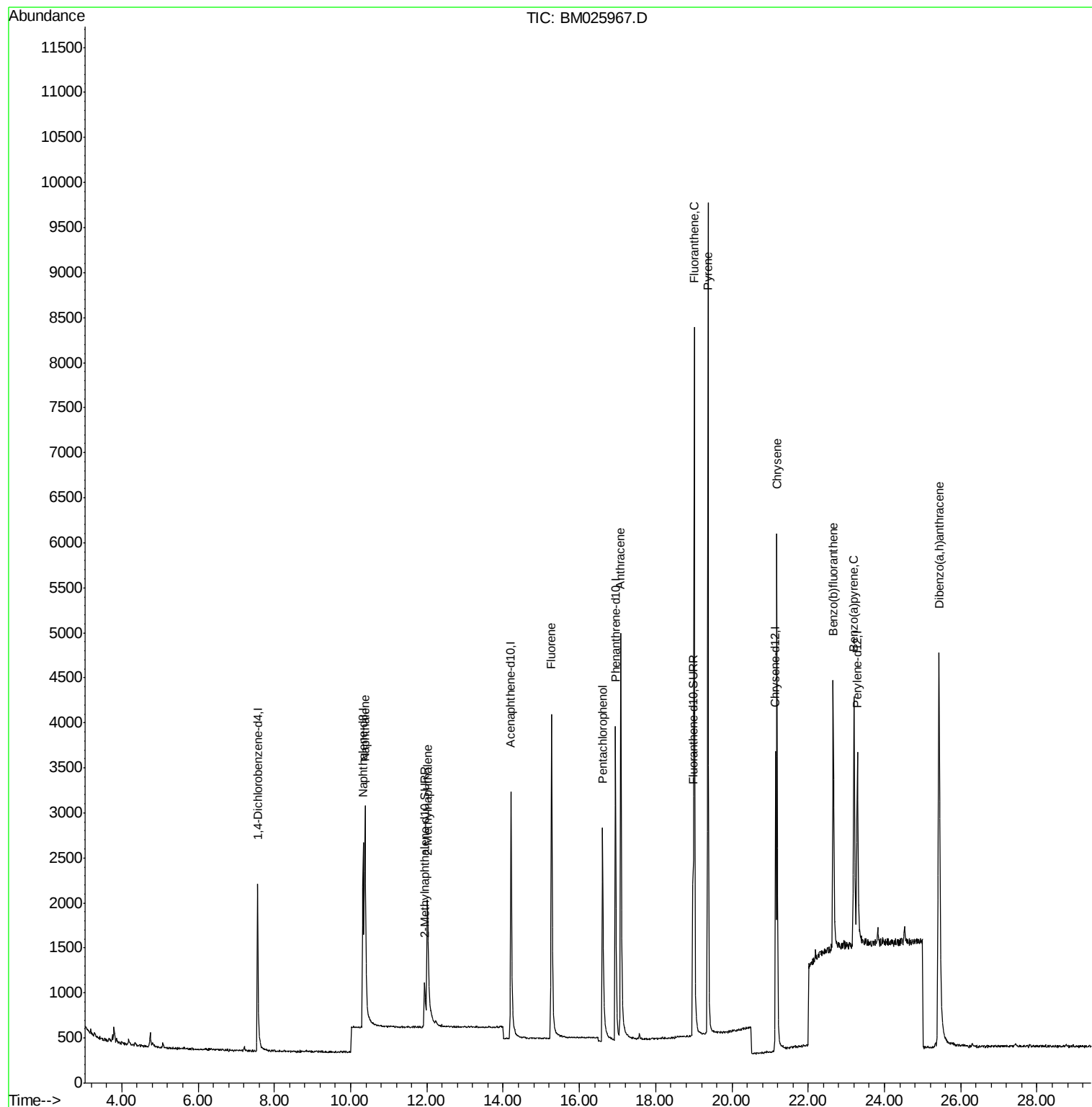
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1167	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	4139	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	2324	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	5332	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	3756	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	3276	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	1275	0.19	ng/ul	0.02
14) Fluoranthene-d10	18.98	212	3085	0.20	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.38	128	4683	0.36	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	2058	0.24	ng/ul	96
9) Fluorene	15.26	166	3691	0.34	ng/ul	99
11) Pentachlorophenol	16.61	266	2494	1.85	ng/ul	97
13) Anthracene	17.08	178	7299	0.48	ng/ul	99
15) Fluoranthene	19.01	202	8034	0.38	ng/ul	98
17) Pyrene	19.37	202	9164	0.51	ng/ul	99
19) Chrysene	21.18	228	5705	0.32	ng/ul	99
21) Benzo(b)fluoranthene	22.66	252	4586	0.31	ng/ul	94
23) Benzo(a)pyrene	23.20	252	5003	0.40	ng/ul	95
25) Dibenzo(a,h)anthracene	25.43	278	9049	0.85	ng/ul	93

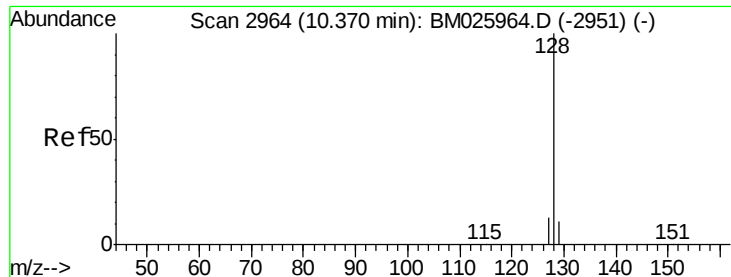
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050120\
Data File : BM025967.D
Acq On : 01 May 2020 14:14
Operator : MA/SJ
Sample : L2321-03DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2M11DL

Quant Time: May 01 14:47:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 12:24:43 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.36 ng/ul

RT: 10.38 min Scan# 2965

Delta R.T. 0.01 min

Lab File: BM025967.D

Acq: 01 May 2020 14:14

Instrument :

BNA_M

ClientSampleId :

X2M11DL

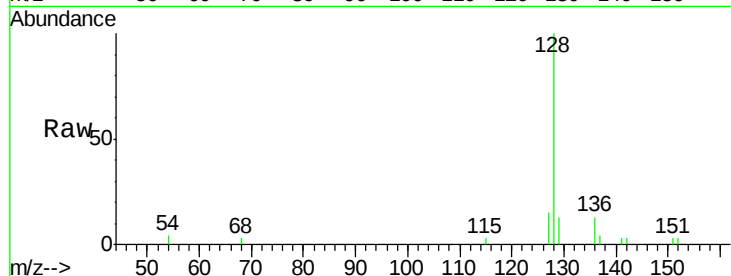
Tgt Ion:128 Resp: 4683

Ion Ratio Lower Upper

128 100

129 12.5 10.0 15.0

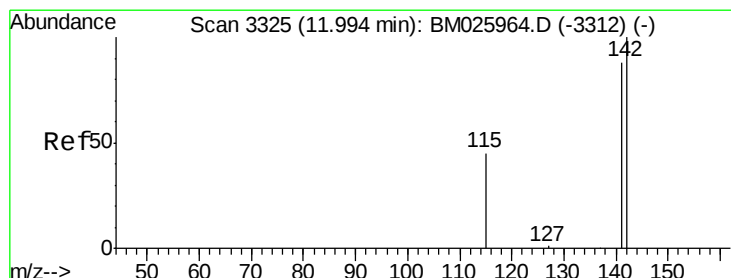
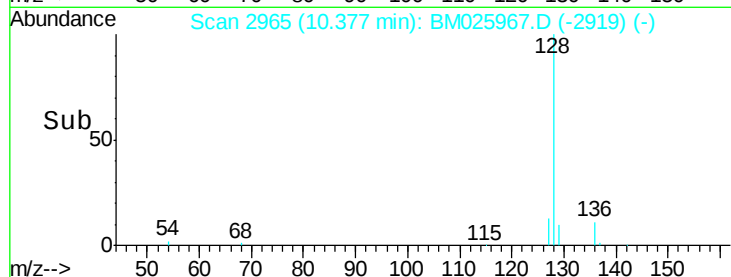
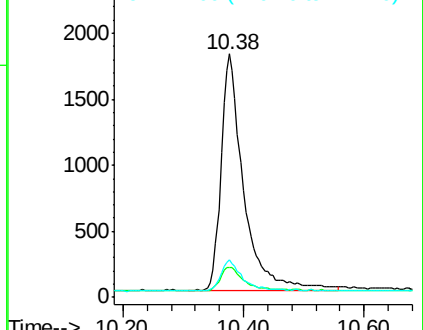
127 15.3 11.5 17.3



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



#5

2-Methylnaphthalene

Concen: 0.24 ng/ul

RT: 12.01 min Scan# 3329

Delta R.T. 0.02 min

Lab File: BM025967.D

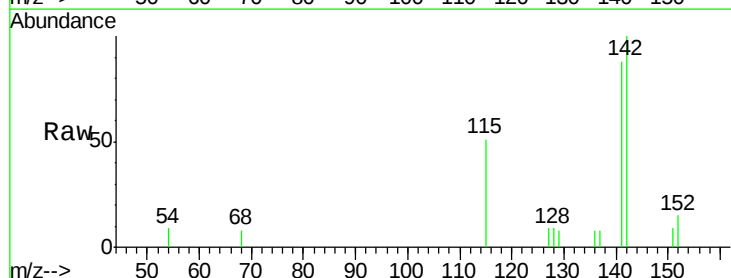
Acq: 01 May 2020 14:14

Tgt Ion:142 Resp: 2058

Ion Ratio Lower Upper

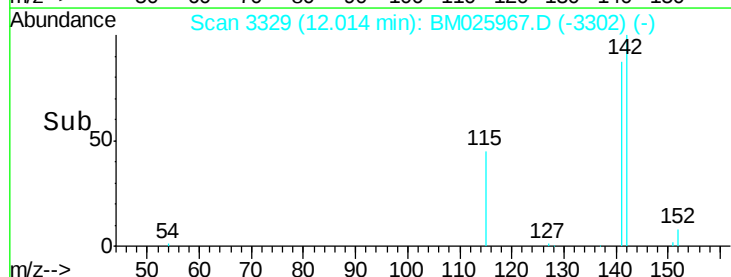
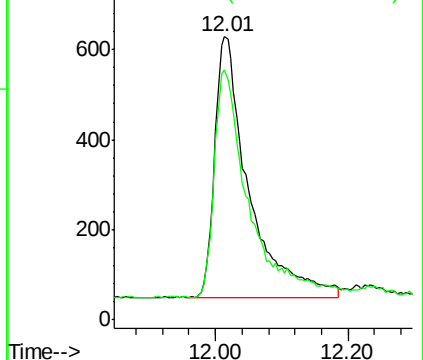
142 100

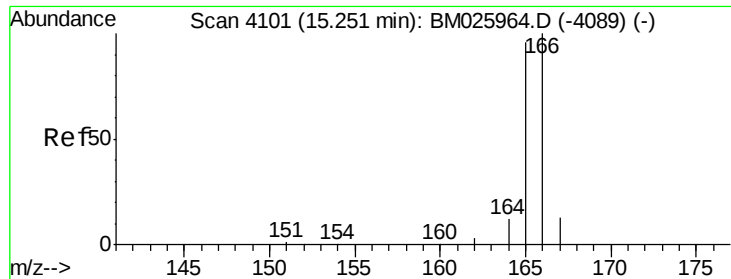
141 89.0 68.5 102.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

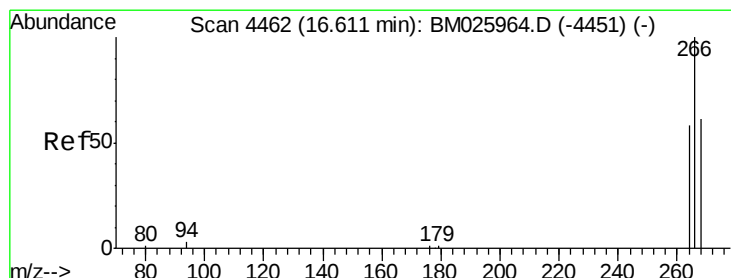
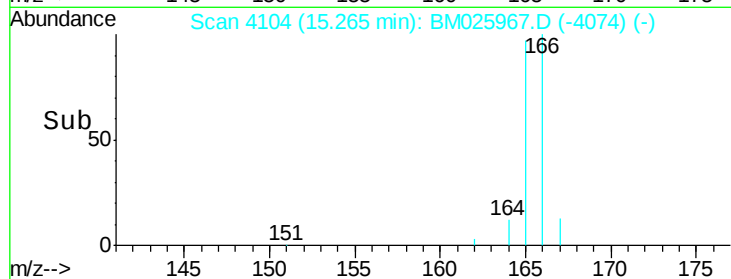
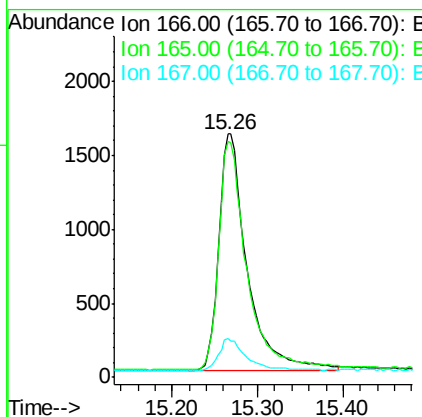
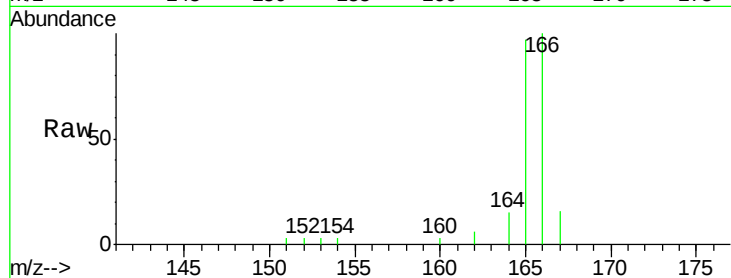




#9
Fluorene
 Concen: 0.34 ng/ul
 RT: 15.26 min Scan# 4104
 Delta R.T. 0.01 min
 Lab File: BM025967.D
 Acq: 01 May 2020 14:14

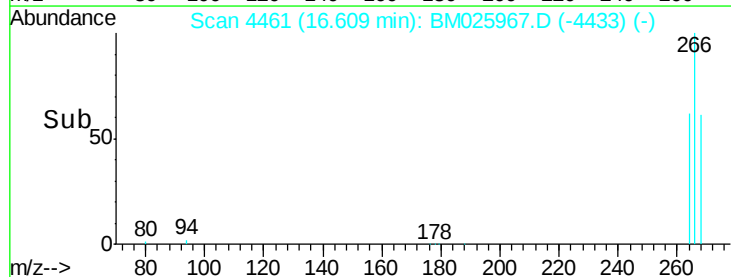
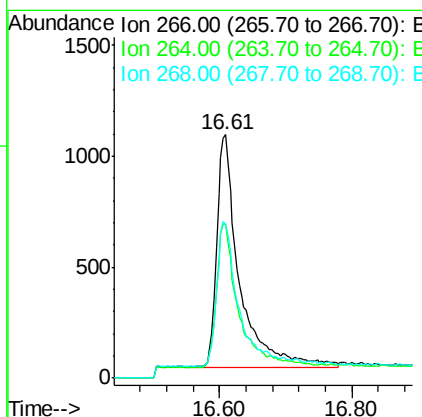
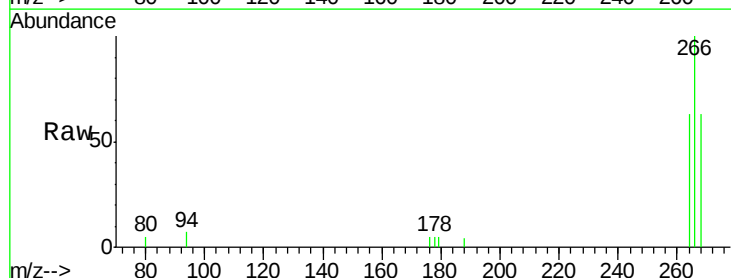
Instrument :
 BNA_M
 ClientSampleId :
 X2M11DL

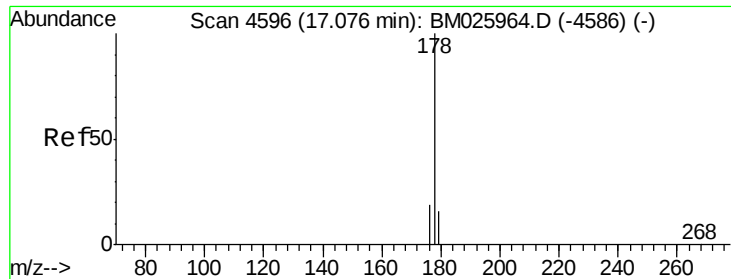
Tgt Ion:166 Resp: 3691
 Ion Ratio Lower Upper
 166 100
 165 97.1 77.0 115.4
 167 15.7 12.2 18.2



#11
Pentachlorophenol
 Concen: 1.85 ng/ul
 RT: 16.61 min Scan# 4461
 Delta R.T. -0.00 min
 Lab File: BM025967.D
 Acq: 01 May 2020 14:14

Tgt Ion:266 Resp: 2494
 Ion Ratio Lower Upper
 266 100
 264 62.0 52.6 78.8
 268 65.0 52.6 78.8





#13

Anthracene

Concen: 0.48 ng/ul

RT: 17.08 min Scan# 4597

Delta R.T. 0.01 min

Lab File: BM025967.D

Acq: 01 May 2020 14:14

Instrument :

BNA_M

ClientSampleId :

X2M11DL

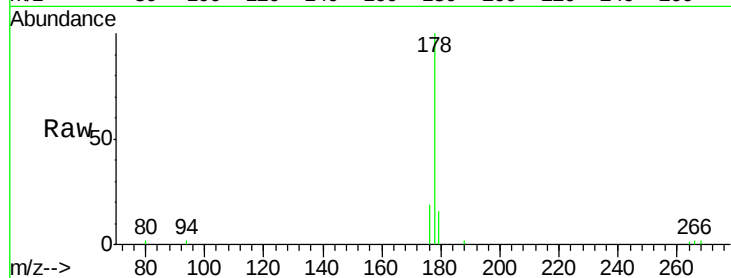
Tgt Ion:178 Resp: 7299

Ion Ratio Lower Upper

178 100

179 16.4 13.8 20.6

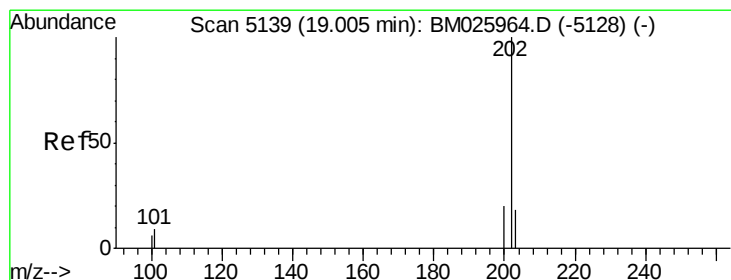
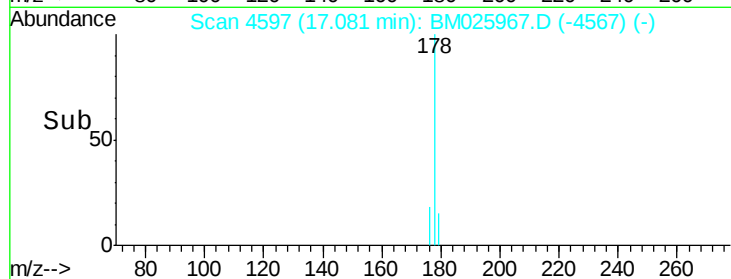
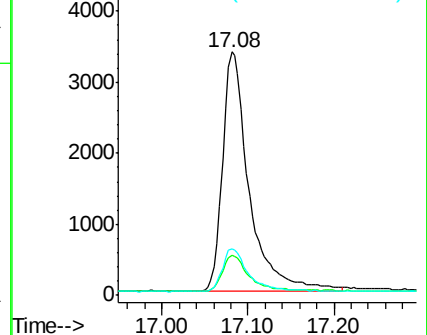
176 19.2 15.3 22.9



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



#15

Fluoranthene

Concen: 0.38 ng/ul

RT: 19.01 min Scan# 5139

Delta R.T. 0.00 min

Lab File: BM025967.D

Acq: 01 May 2020 14:14

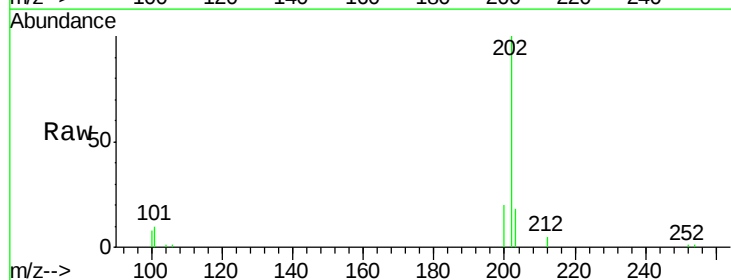
Tgt Ion:202 Resp: 8034

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.3

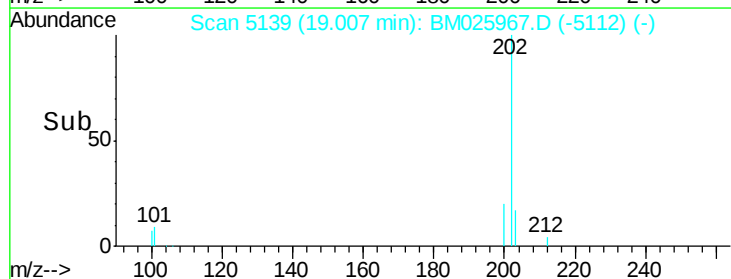
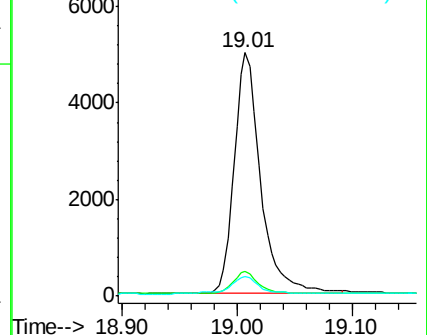
100 8.0 0.0 27.5

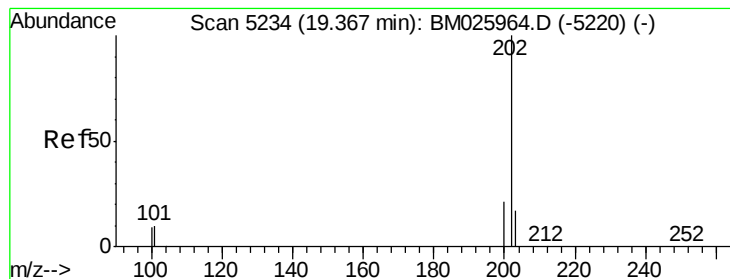


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pyrene

Concen: 0.51 ng/ul

RT: 19.37 min Scan# 5234

Delta R.T. 0.00 min

Lab File: BM025967.D

Acq: 01 May 2020 14:14

Instrument :

BNA_M

ClientSampleId :

X2M11DL

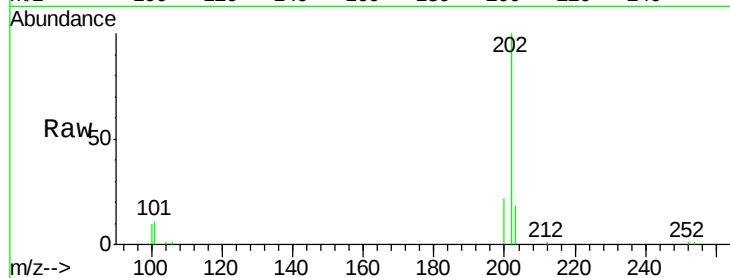
Tgt Ion:202 Resp: 9164

Ion Ratio Lower Upper

202 100

101 11.5 8.8 13.2

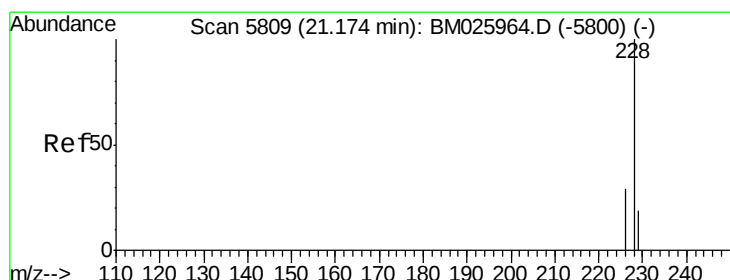
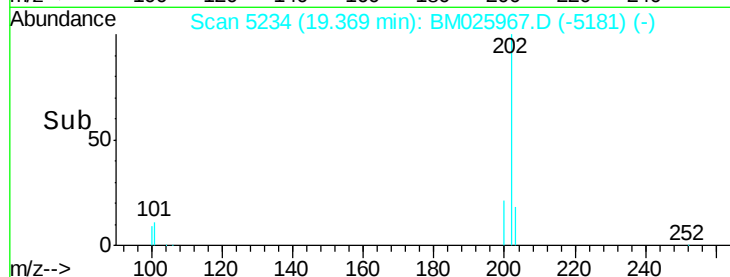
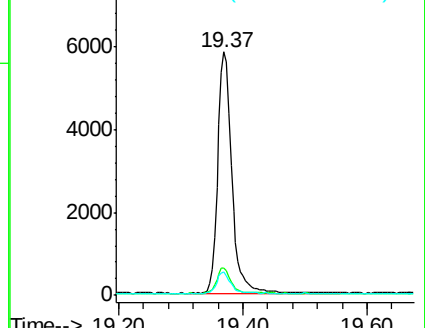
100 9.9 7.5 11.3



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): B



#19

Chrysene

Concen: 0.32 ng/ul

RT: 21.18 min Scan# 5810

Delta R.T. 0.00 min

Lab File: BM025967.D

Acq: 01 May 2020 14:14

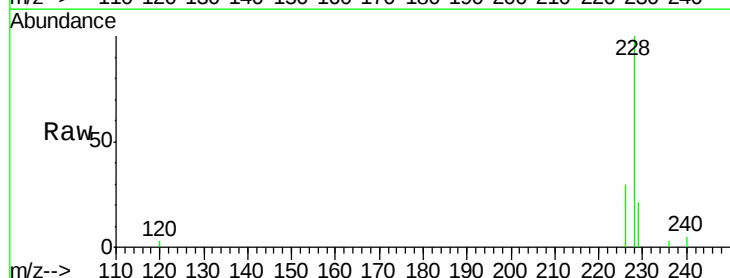
Tgt Ion:228 Resp: 5705

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

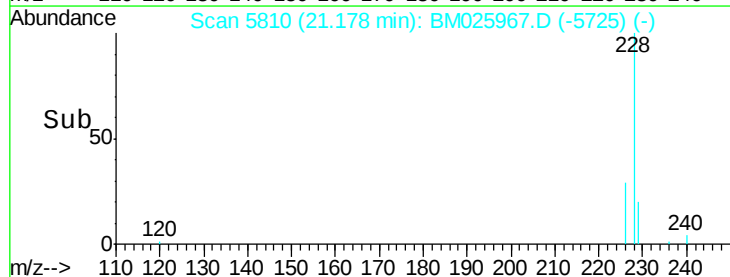
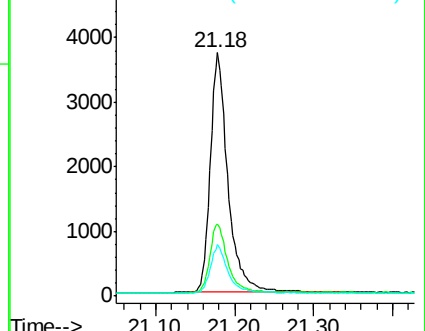
229 21.1 16.2 24.2

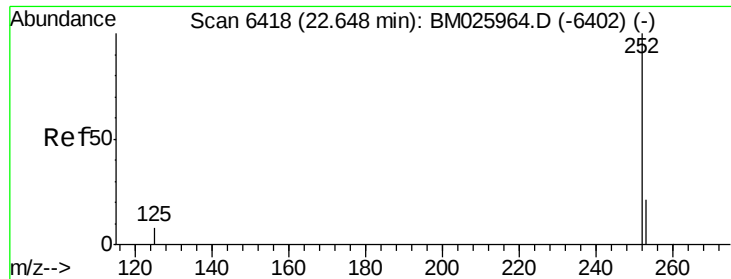


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.31 ng/ul

RT: 22.66 min Scan# 6420

Delta R.T. 0.01 min

Lab File: BM025967.D

Acq: 01 May 2020 14:14

Instrument :

BNA_M

ClientSampleId :

X2M11DL

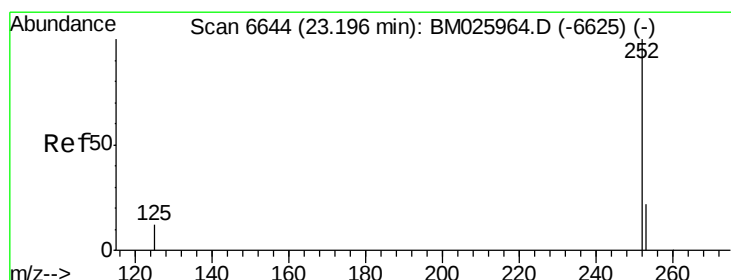
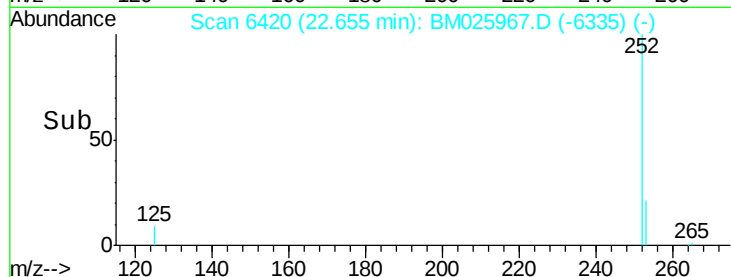
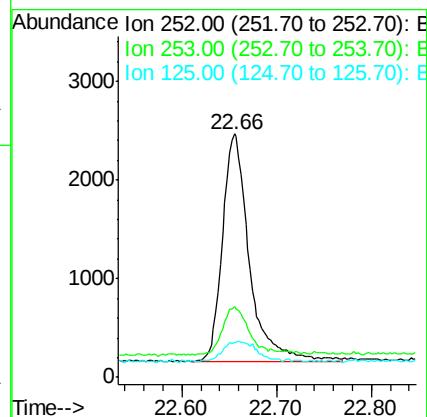
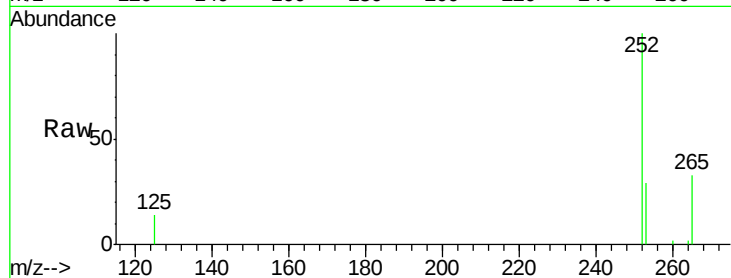
Tgt Ion:252 Resp: 4586

Ion Ratio Lower Upper

252 100

253 29.2 0.0 52.8

125 14.5 0.0 23.6



#23

Benzo(a)pyrene

Concen: 0.40 ng/ul

RT: 23.20 min Scan# 6645

Delta R.T. 0.00 min

Lab File: BM025967.D

Acq: 01 May 2020 14:14

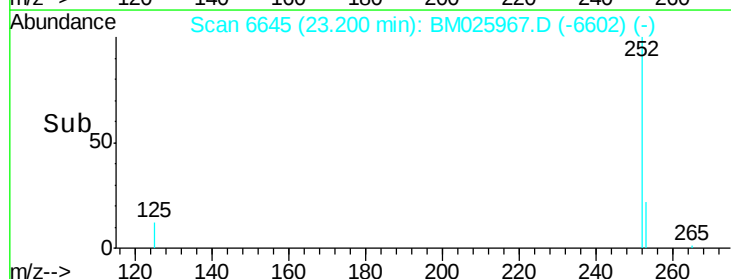
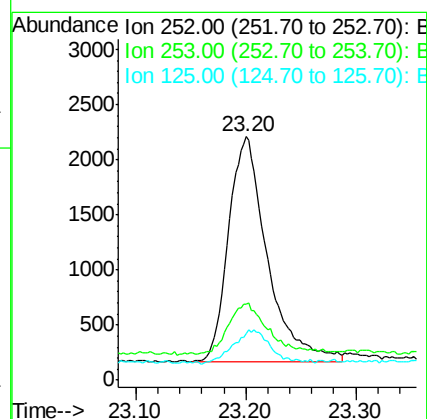
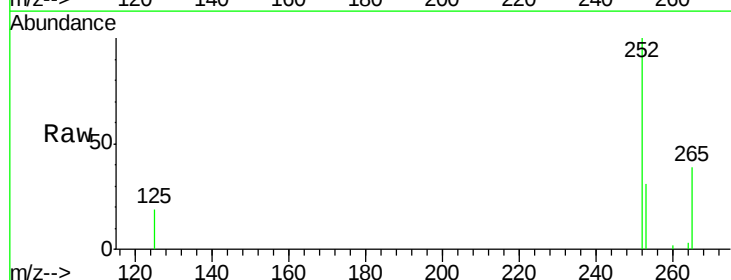
Tgt Ion:252 Resp: 5003

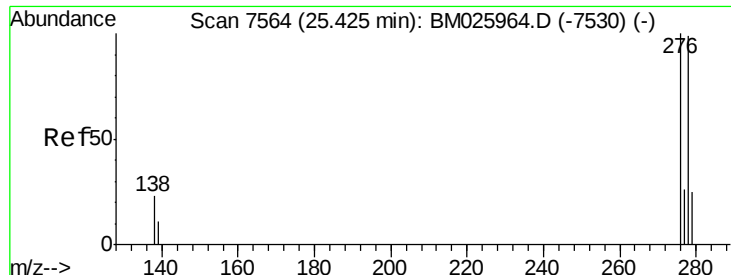
Ion Ratio Lower Upper

252 100

253 31.3 23.0 34.4

125 19.1 13.1 19.7





#25

Dibenzo(a,h)anthracene

Concen: 0.85 ng/ul

RT: 25.43 min Scan# 7564

Delta R.T. 0.00 min

Lab File: BM025967.D

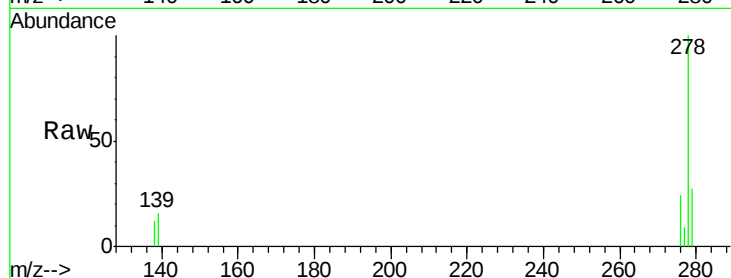
Acq: 01 May 2020 14:14

Instrument :

BNA_M

ClientSampleId :

X2M11DL



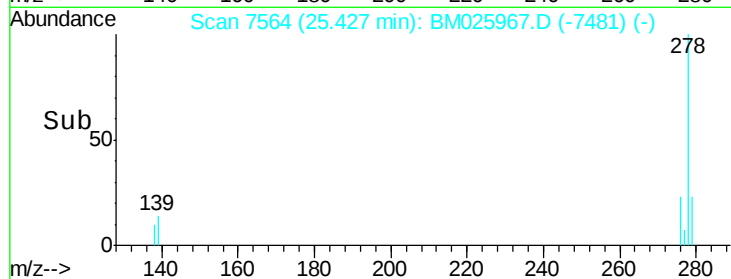
Tgt Ion: 278 Resp: 9049

Ion Ratio Lower Upper

278 100

139 15.7 14.9 22.3

279 27.3 25.0 37.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

