

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025447.D
 Acq On : 10 Mar 2020 11:43
 Operator : CG/JU
 Sample : L1612-24DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDM6DL

Quant Time: Mar 10 12:17:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

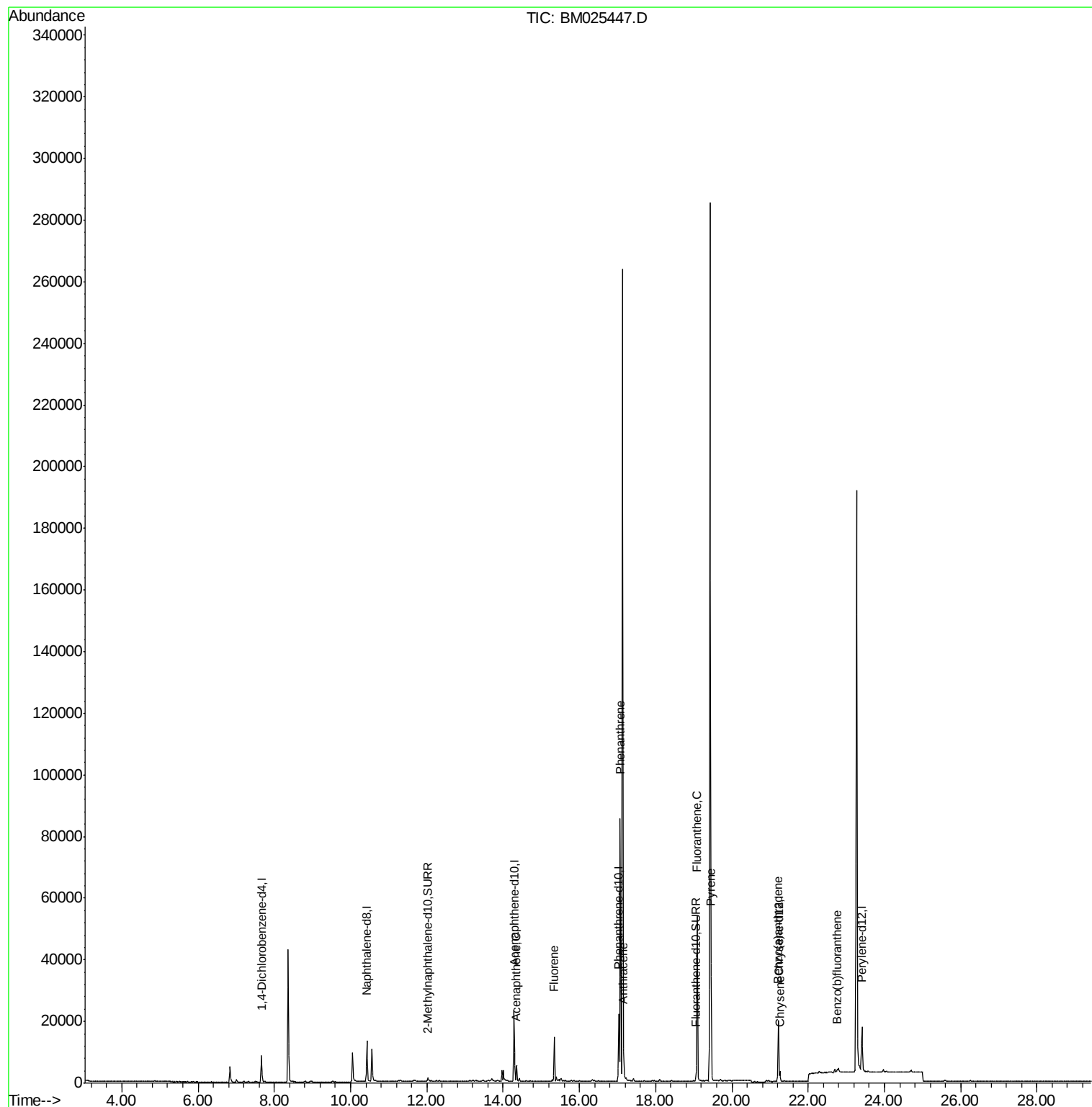
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	4227	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	17898	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	12537	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	26023	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	17130	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	17628	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1531	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	3094	0.04	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.35	153	2867	0.064	ng/ul	99
9) Fluorene	15.34	166	8852	0.162	ng/ul	97
12) Phenanthrene	17.07	178	86667	1.051	ng/ul	100
13) Anthracene	17.16	178	6859	0.096	ng/ul	97
15) Fluoranthene	19.09	202	45011	0.503	ng/ul	99
17) Pyrene	19.45	202	31186	0.406	ng/ul	99
18) Benzo(a)anthracene	21.21	228	3248	0.053	ng/ul	97
19) Chrysene	21.26	228	3255	0.047	ng/ul	97
21) Benzo(b)fluoranthene	22.76	252	1705	0.024	ng/ul#	38

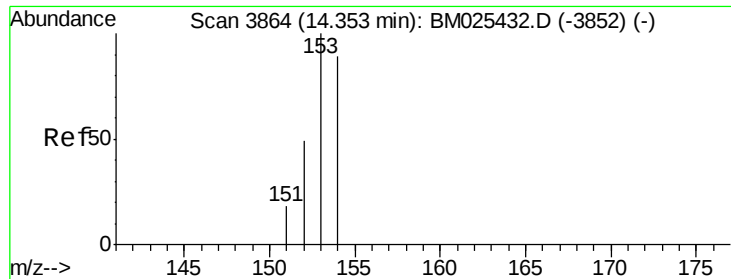
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.064 ng/ul

RT: 14.35 min Scan# 3863

Delta R.T. -0.00 min

Lab File: BM025447.D

Acq: 10 Mar 2020 11:43

Instrument :

BNA_M

ClientSampled :

DBDM6DL

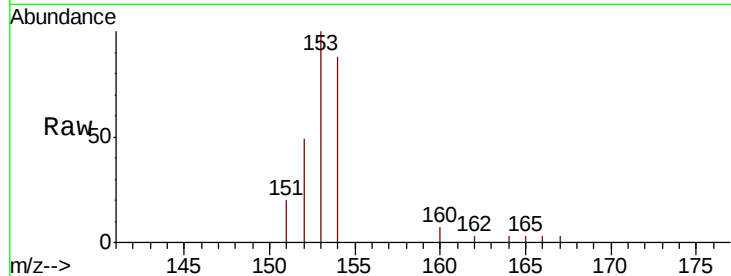
Tot Ion:153 Resp: 2867

Ion Ratio Lower Upper

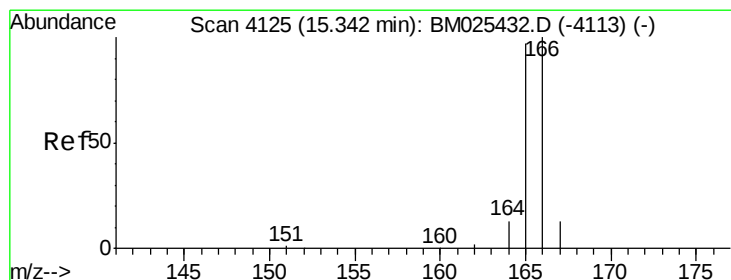
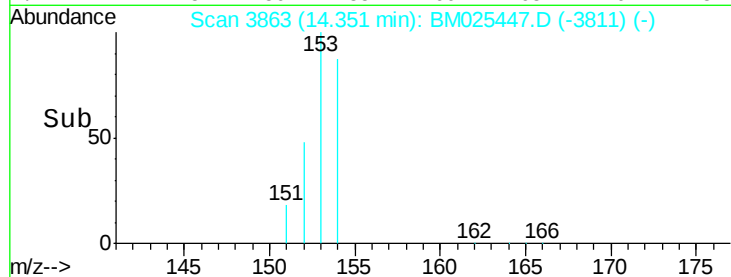
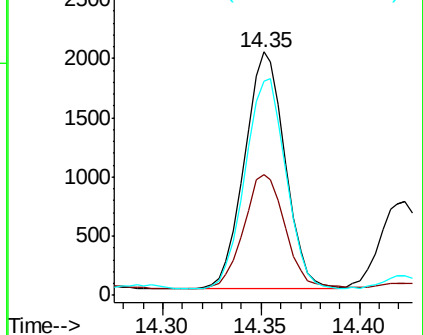
153 100

152 49.4 39.5 59.3

154 88.0 71.7 107.5



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



#9

Fluorene

Concen: 0.162 ng/ul

RT: 15.34 min Scan# 4124

Delta R.T. -0.00 min

Lab File: BM025447.D

Acq: 10 Mar 2020 11:43

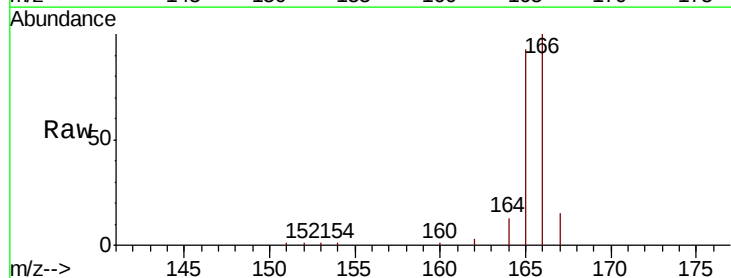
Tgt Ion:166 Resp: 8852

Ion Ratio Lower Upper

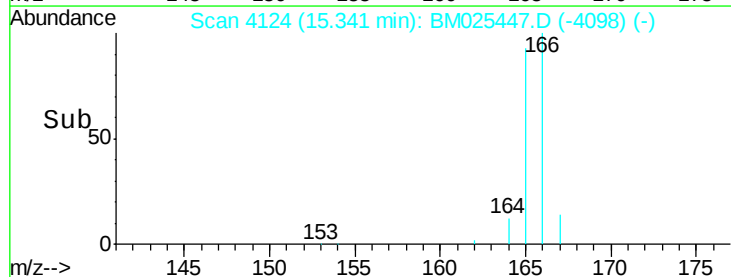
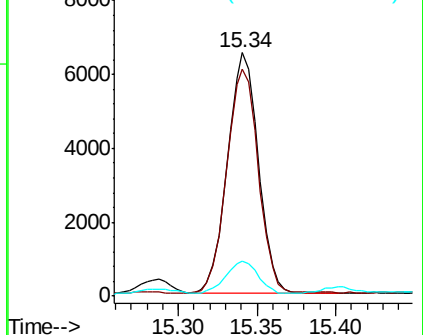
166 100

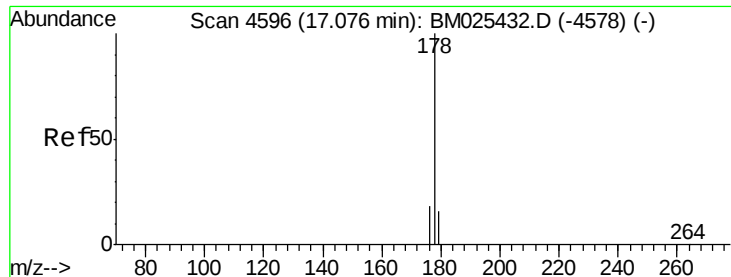
165 93.2 76.8 115.2

167 14.6 11.2 16.8



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





#12

Phenanthrene

Concen: 1.051 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BM025447.D

Acq: 10 Mar 2020 11:43

Instrument :

BNA_M

ClientSampleId :

DBDM6DL

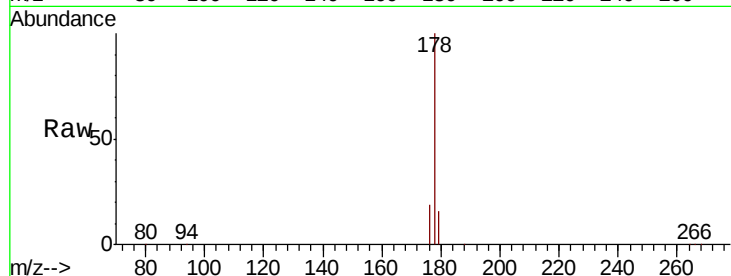
Tot Ion:178 Resp: 86667

Ion Ratio Lower Upper

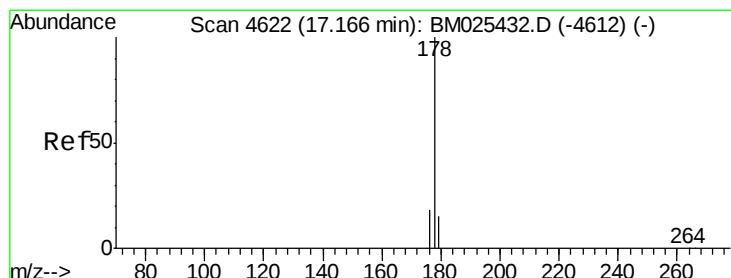
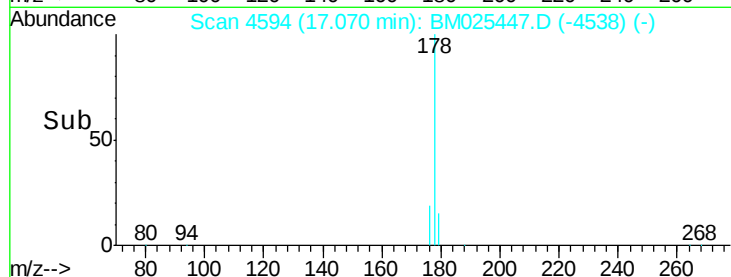
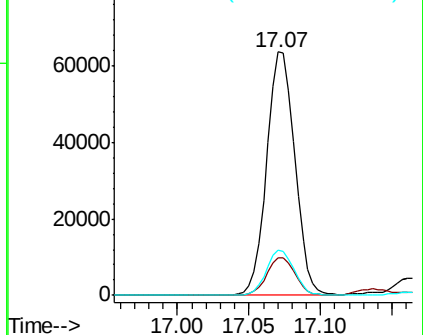
178 100

179 15.5 12.4 18.6

176 18.6 14.8 22.2



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



#13

Anthracene

Concen: 0.096 ng/ul

RT: 17.16 min Scan# 4621

Delta R.T. -0.00 min

Lab File: BM025447.D

Acq: 10 Mar 2020 11:43

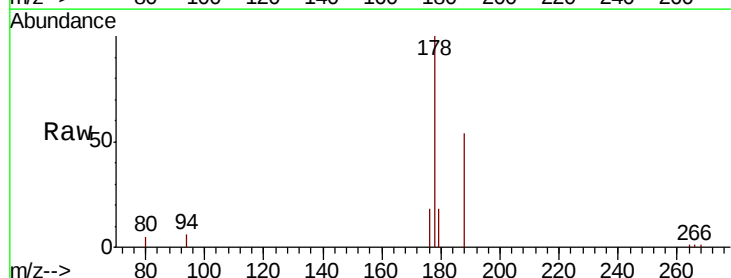
Tgt Ion:178 Resp: 6859

Ion Ratio Lower Upper

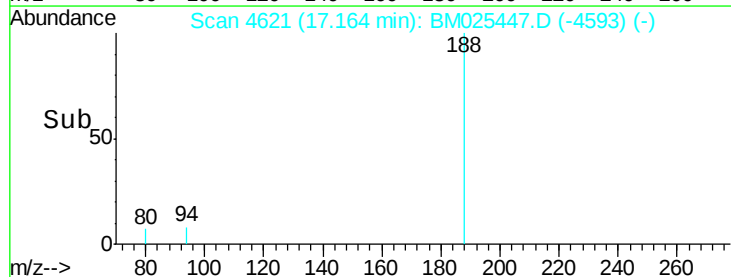
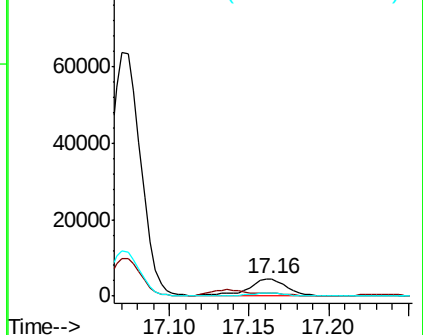
178 100

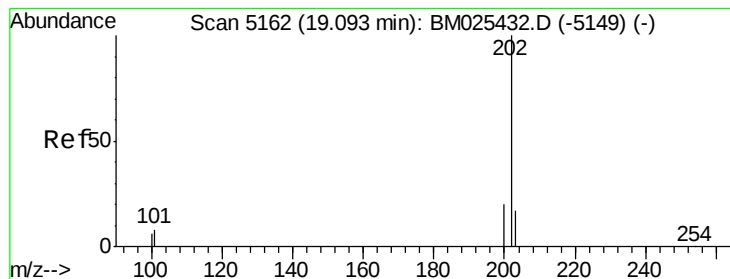
179 17.8 12.6 18.8

176 18.4 14.5 21.7



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: 0.503 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. -0.00 min

Lab File: BM025447.D

Acq: 10 Mar 2020 11:43

Instrument :

BNA_M

ClientSampleID :

DBDM6DL

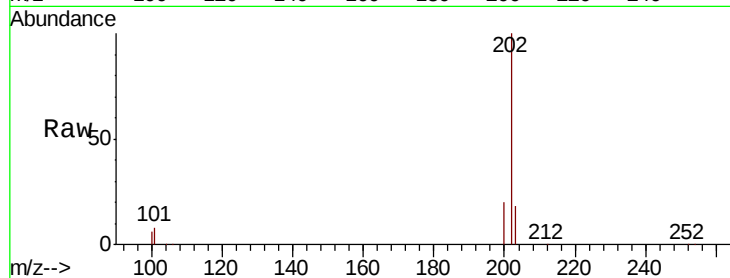
Tot Ion:202 Resp: 45011

Ion Ratio Lower Upper

202 100

101 8.1 0.0 27.5

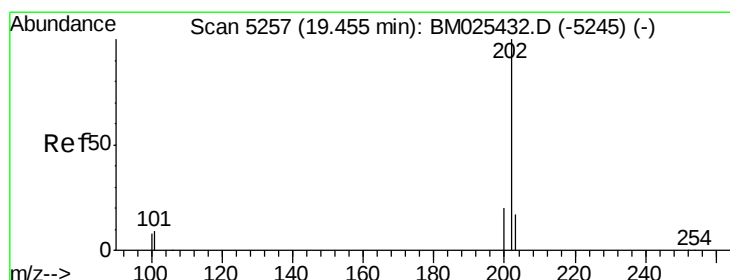
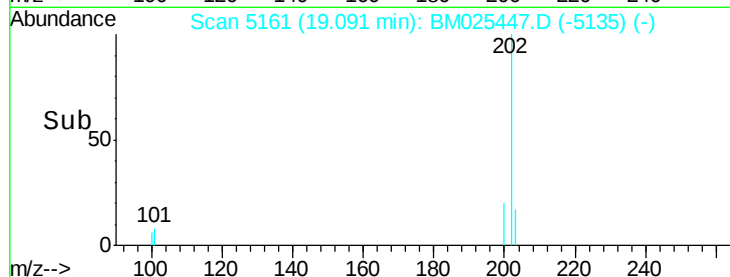
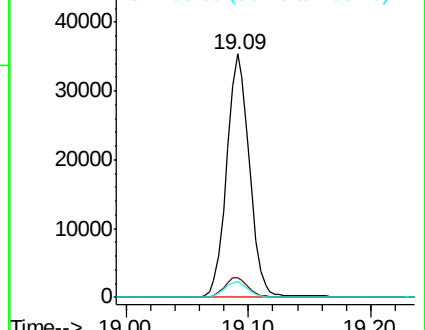
100 6.3 0.0 26.0



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: 0.406 ng/ul

RT: 19.45 min Scan# 5256

Delta R.T. -0.00 min

Lab File: BM025447.D

Acq: 10 Mar 2020 11:43

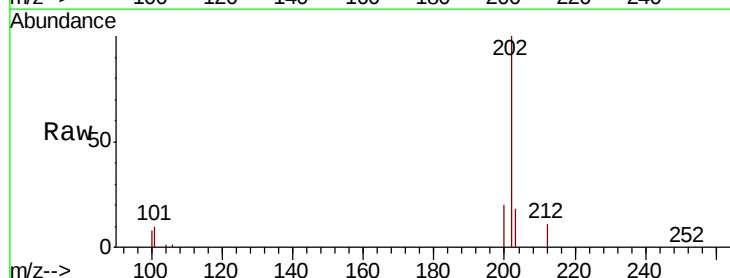
Tgt Ion:202 Resp: 31186

Ion Ratio Lower Upper

202 100

101 9.6 7.1 10.7

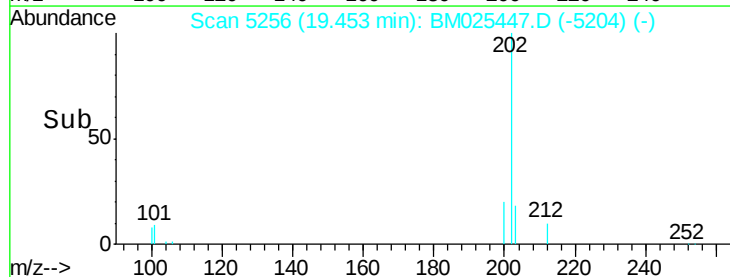
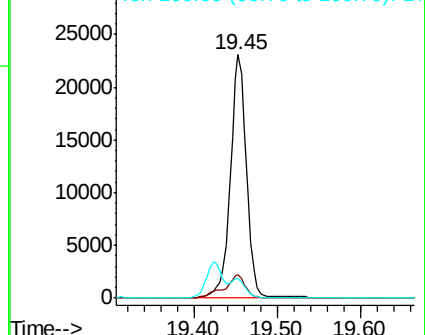
100 7.9 6.0 9.0

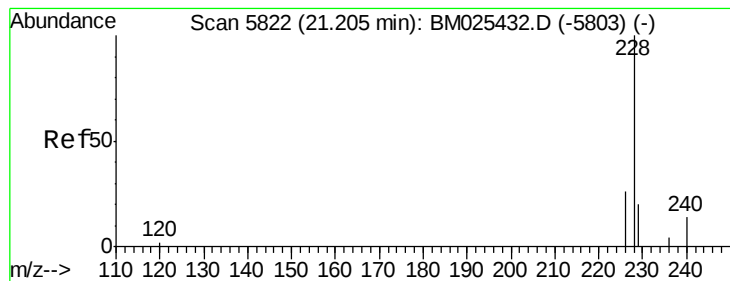


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.053 ng/ul

RT: 21.21 min Scan# 5822

Delta R.T. 0.00 min

Lab File: BM025447.D

Acq: 10 Mar 2020 11:43

Instrument :

BNA_M

ClientSampleId :

DBDM6DL

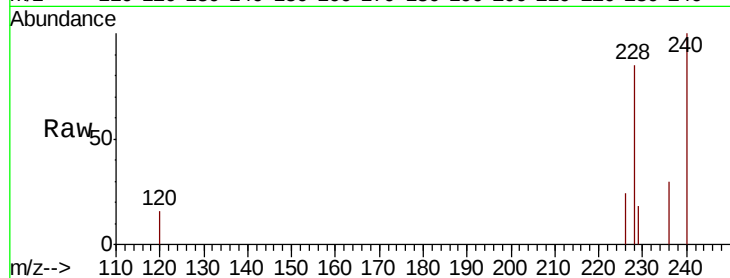
Tot Ion:228 Resp: 3248

Ion Ratio Lower Upper

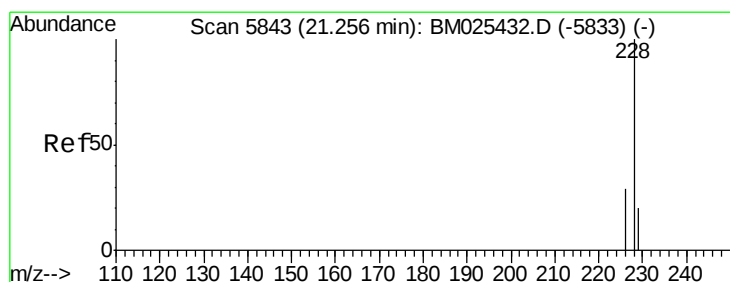
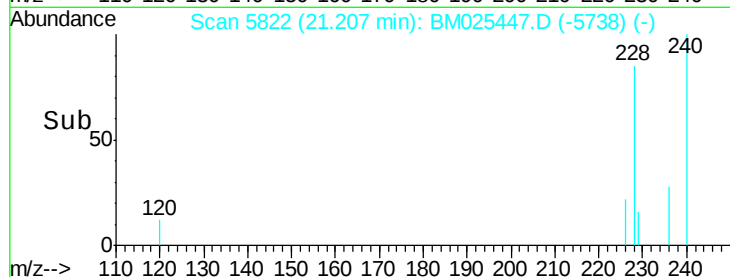
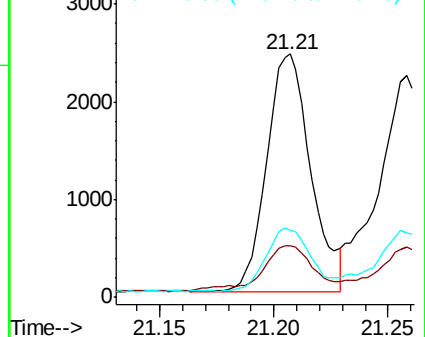
228 100

229 21.4 15.6 23.4

226 27.7 21.1 31.7



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



#19

Chrysene

Concen: 0.047 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. 0.00 min

Lab File: BM025447.D

Acq: 10 Mar 2020 11:43

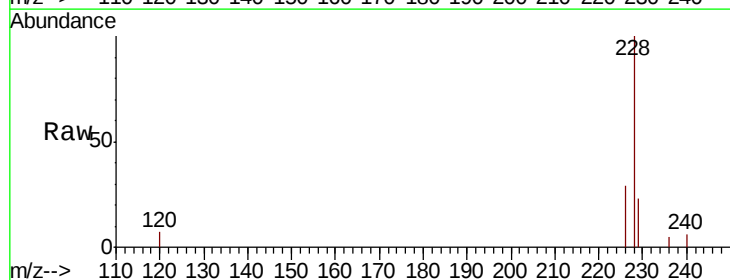
Tgt Ion:228 Resp: 3255

Ion Ratio Lower Upper

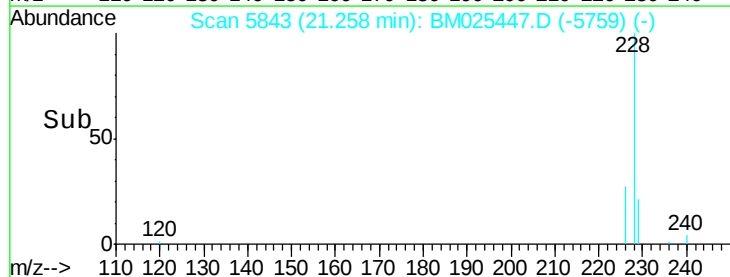
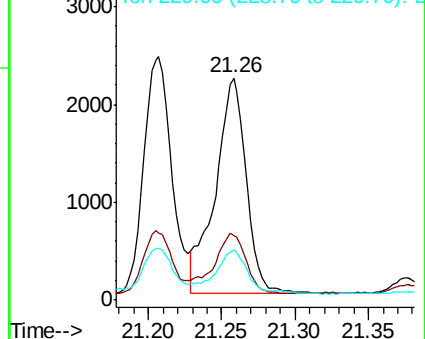
228 100

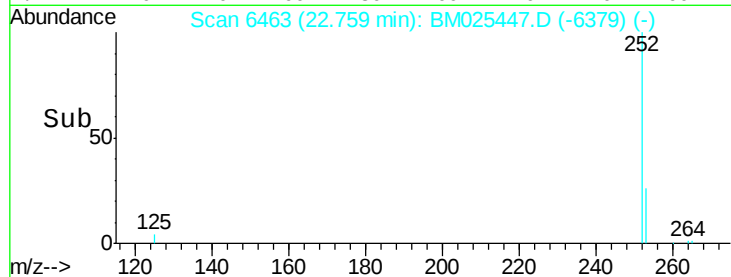
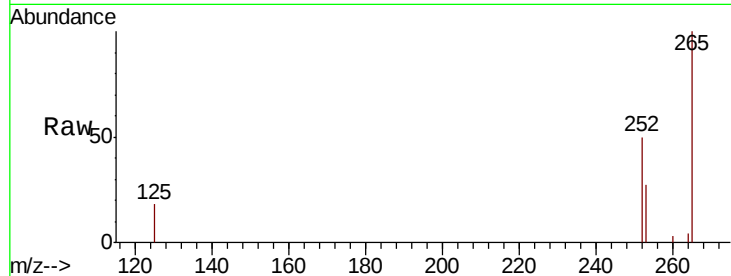
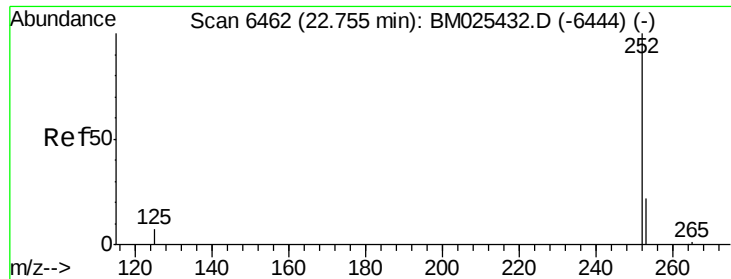
226 29.0 23.6 35.4

229 22.9 16.3 24.5



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: 0.024 ng/ul

RT: 22.76 min Scan# 6463

Delta R.T. 0.00 min

Lab File: BM025447.D

Acq: 10 Mar 2020 11:43

Instrument :

BNA_M

ClientSampleId :

DBDM6DL

Tot Ion: 252 Resp: 1705

Ion Ratio Lower Upper

252 100

253 54.6 0.0 50.2#

125 34.8 0.0 17.6#

