

Data File : BM025140.D
Acq On : 28 Feb 2020 19:21
Operator : CG/JU
Sample : L1507-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD04

Quant Time: Feb 29 04:46:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 29 04:43:59 2020
Response via : Initial Calibration

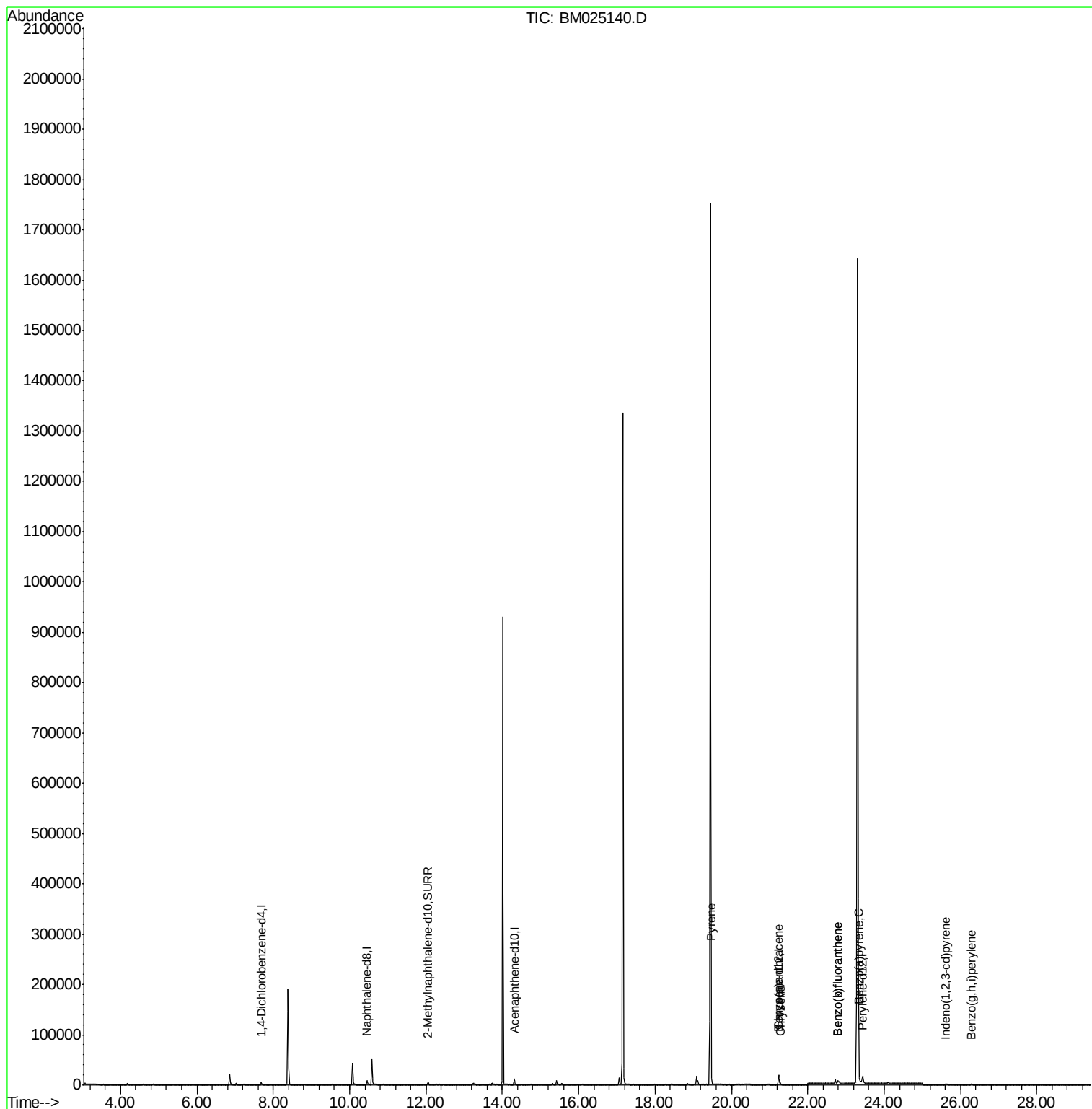
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2650	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	10377	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	6971	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.06
16) Chrysene-d12	21.24	240	17333	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	19539	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	6606	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	20563	0.00	ng/ul	0.00
Target Compounds				Qvalue		
17) Pyrene	19.47	202	9898	0.127	ng/ul	98
18) Benzo(a)anthracene	21.22	228	3988	0.053	ng/ul	97
19) Chrysene	21.27	228	7991	0.107	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	10850	0.142	ng/ul	93
22) Benzo(k)fluoranthene	22.78	252	10850	0.143	ng/ul#	91
23) Benzo(a)pyrene	23.34	252	2129	0.030	ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	25.62	276	1918	0.022	ng/ul#	100
26) Benzo(g,h,i)perylene	26.29	276	1612	0.022	ng/ul#	81

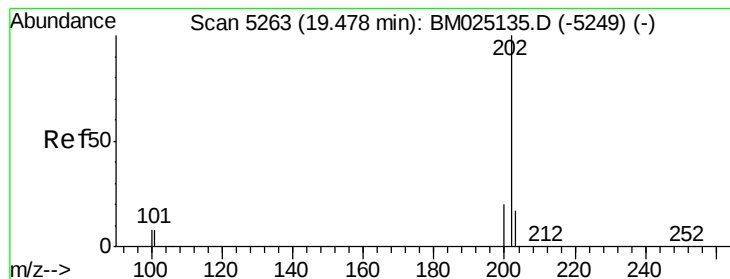
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 0.127 ng/ul

RT: 19.47 min Scan# 5262

Delta R.T. -0.00 min

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DBD04

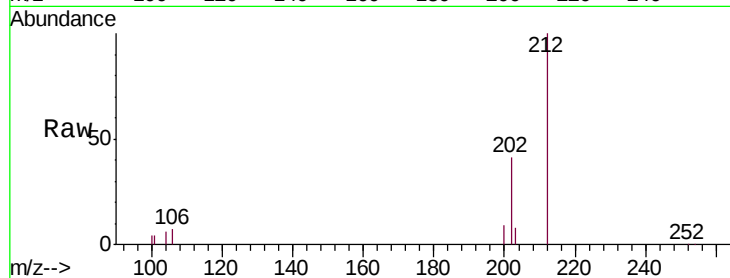
Tgt Ion:202 Resp: 9898

Ion Ratio Lower Upper

202 100

101 10.7 8.7 13.1

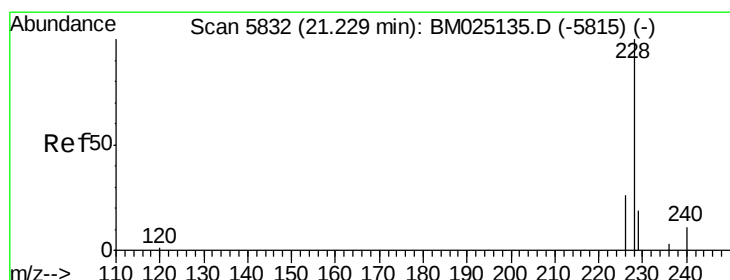
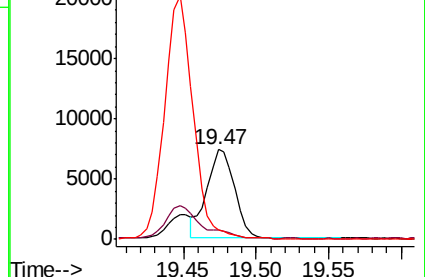
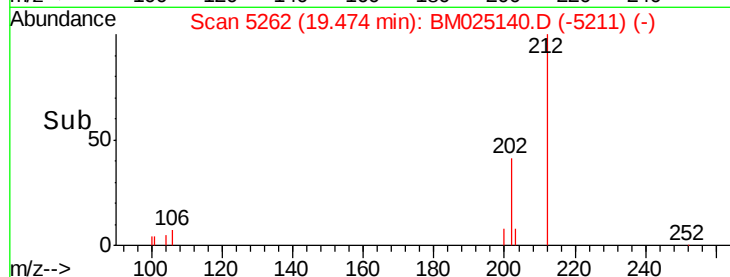
100 10.8 7.3 10.9



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: 21.22 min Scan# 5829

Delta R.T. -0.01 min

Lab File: BM025140.D

Acq: 28 Feb 2020 19:21

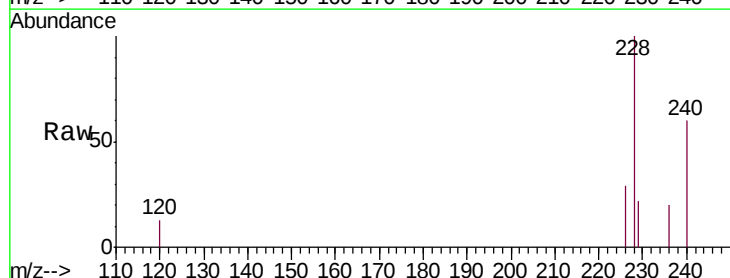
Tgt Ion:228 Resp: 3988

Ion Ratio Lower Upper

228 100

229 21.9 16.6 25.0

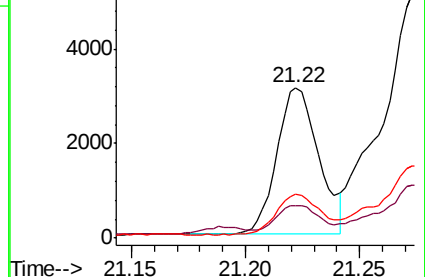
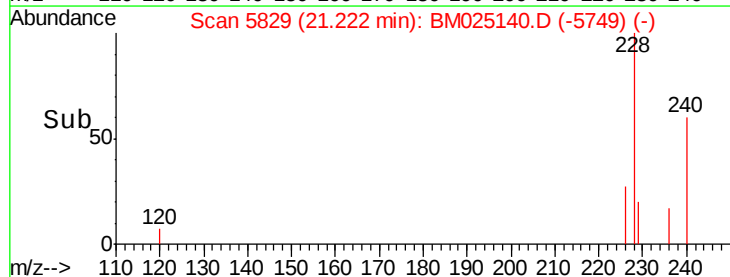
226 28.9 21.9 32.9

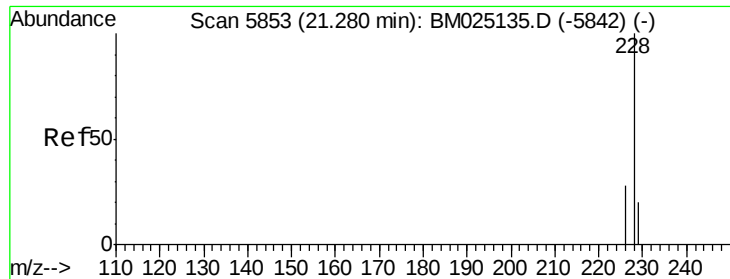


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.107 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.01 min

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Acq: 28 Feb 2020 19:21

Instrument :

BNA_M

ClientSampleId :

DBD04

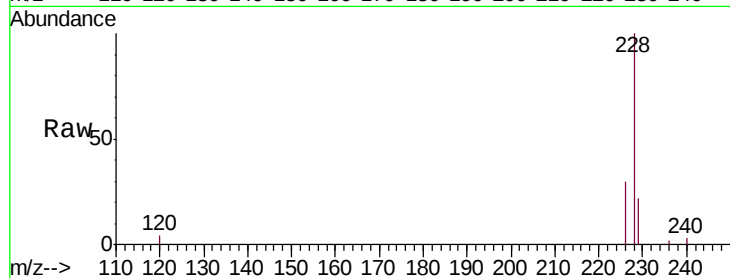
Tgt Ion:228 Resp: 7991

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

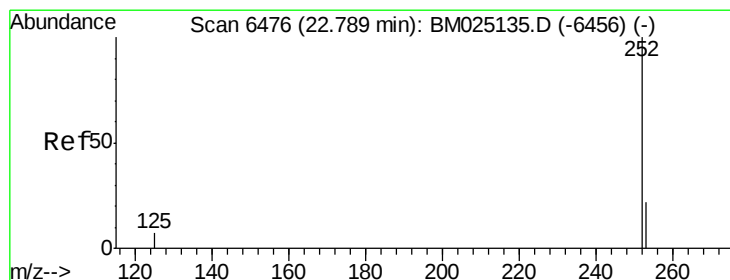
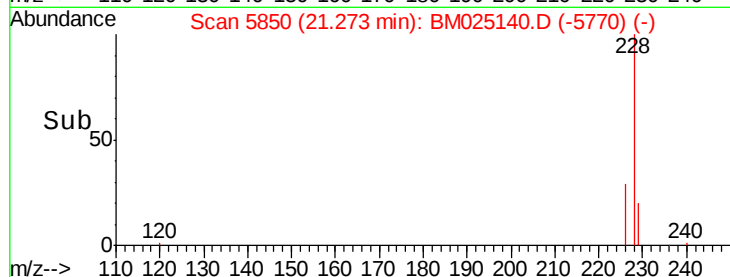
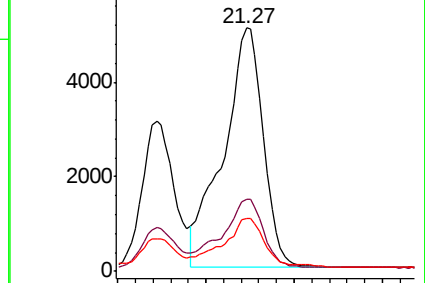
229 21.7 16.9 25.3



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



#21

Benzo(b)fluoranthene

Concen: 0.142 ng/ul

RT: 22.78 min Scan# 6473

Delta R.T. -0.01 min

Lab File: BM025140.D

Acq: 28 Feb 2020 19:21

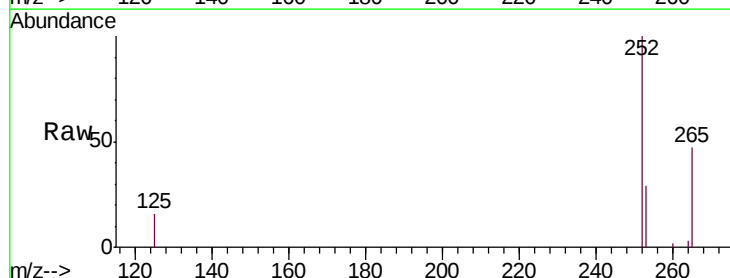
Tgt Ion:252 Resp: 10850

Ion Ratio Lower Upper

252 100

253 29.4 0.0 49.8

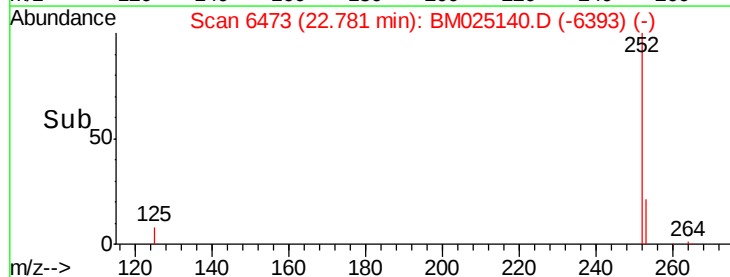
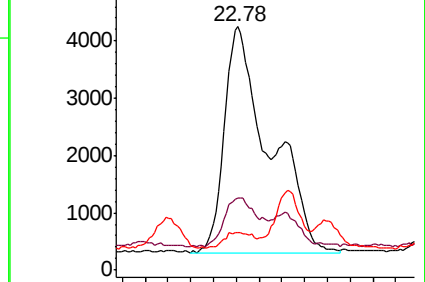
125 15.7 0.0 28.6

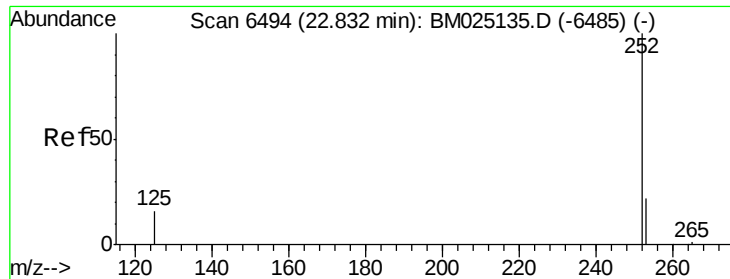


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.143 ng/ul

RT: 22.78 min Scan# 6473

Delta R.T. -0.05 min

Lab File: BM025140.D

Acq: 28 Feb 2020 19:21

Instrument :

BNA_M

ClientSampleId :

DBD04

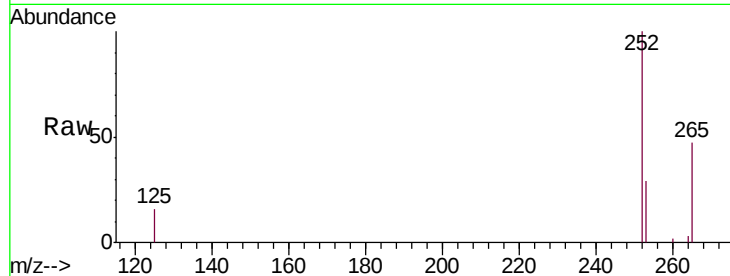
Tgt Ion:252 Resp: 10850

Ion Ratio Lower Upper

252 100

253 29.4 19.4 29.0#

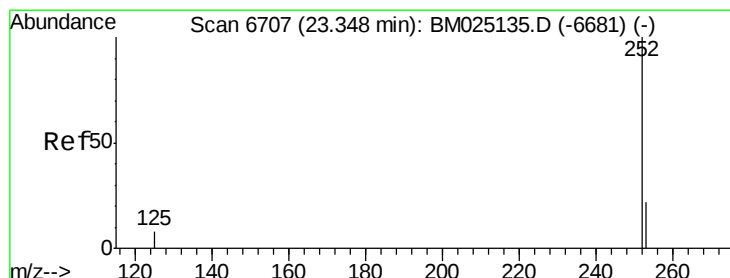
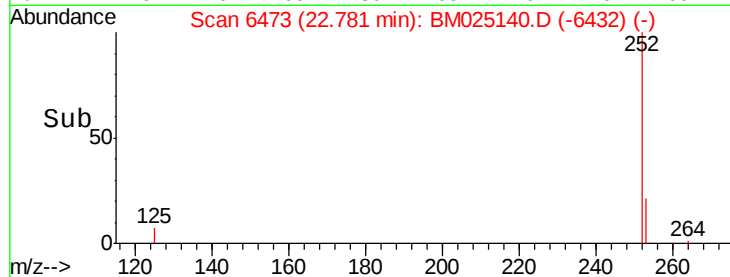
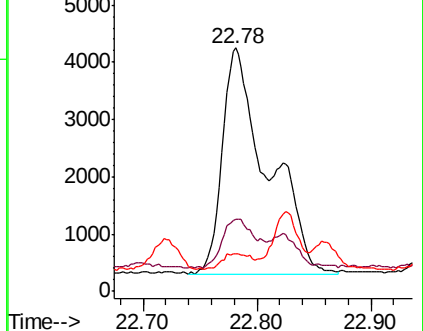
125 15.7 10.7 16.1



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



#23

Benzo(a)pyrene

Concen: 0.030 ng/ul

RT: 23.34 min Scan# 6704

Delta R.T. -0.01 min

Lab File: BM025140.D

Acq: 28 Feb 2020 19:21

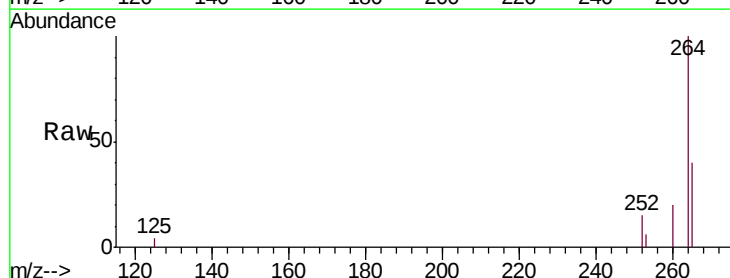
Tgt Ion:252 Resp: 2129

Ion Ratio Lower Upper

252 100

253 43.5 20.3 30.5#

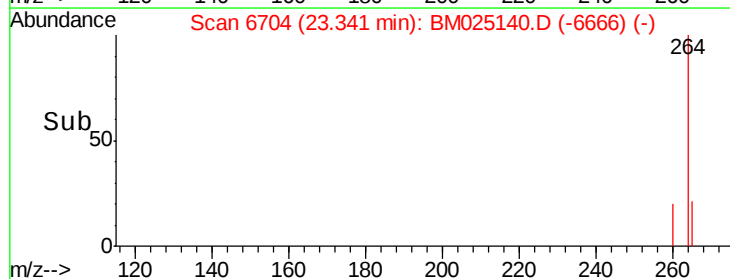
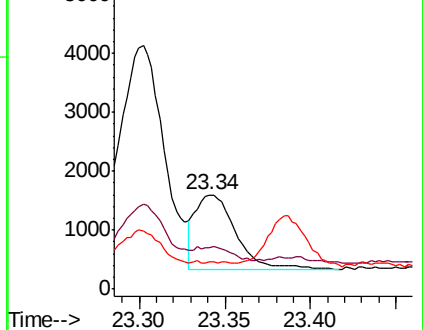
125 28.5 13.0 19.4#

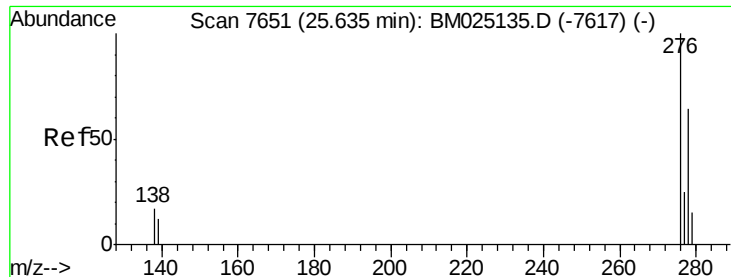


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.022 ng/ul

RT: 25.62 min Scan# 7646

Delta R.T. -0.01 min

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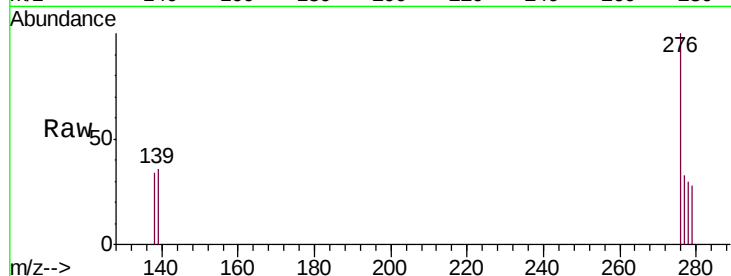
Tgt Ion:276 Resp: 1918

Ion Ratio Lower Upper

276 100

138 25.2 0.0 0.0#

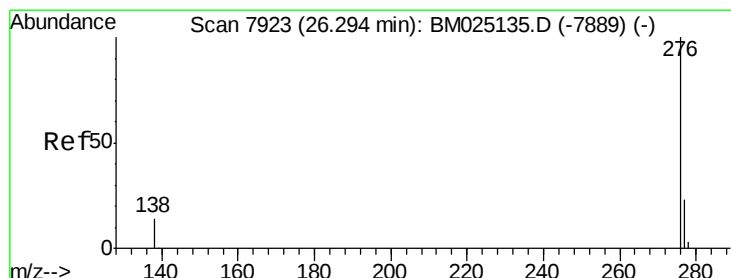
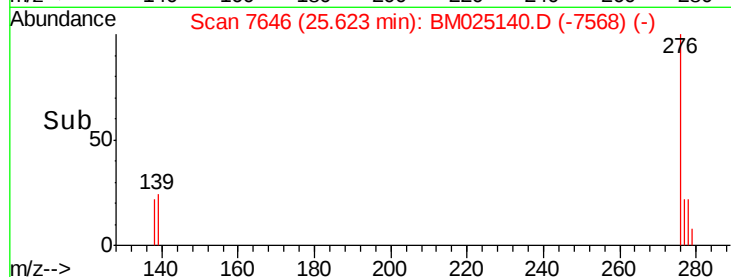
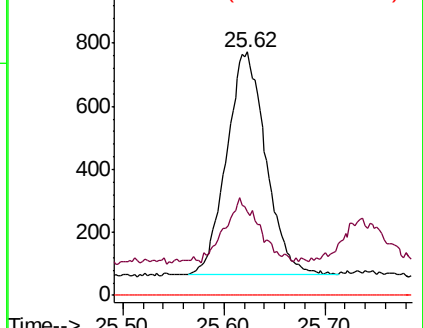
227 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.022 ng/ul

RT: 26.29 min Scan# 7920

Delta R.T. -0.01 min

Lab File: BM025140.D

Acq: 28 Feb 2020 19:21

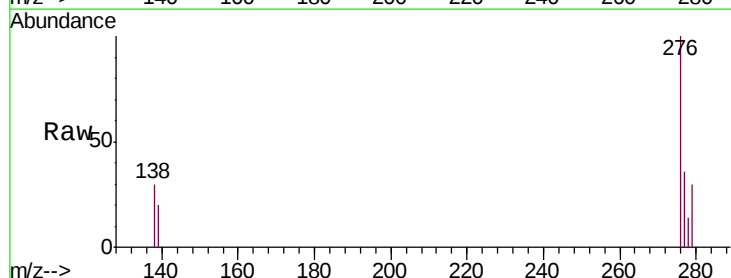
Tgt Ion:276 Resp: 1612

Ion Ratio Lower Upper

276 100

138 30.4 17.9 26.9#

277 36.0 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

