

Data File : BM025160.D
Acq On : 29 Feb 2020 10:19
Operator : CG/JU
Sample : L1542-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD38

Quant Time: Mar 02 01:17:50 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 : Mon Mar 02 01:15:39 2020
Response via : Initial Calibration

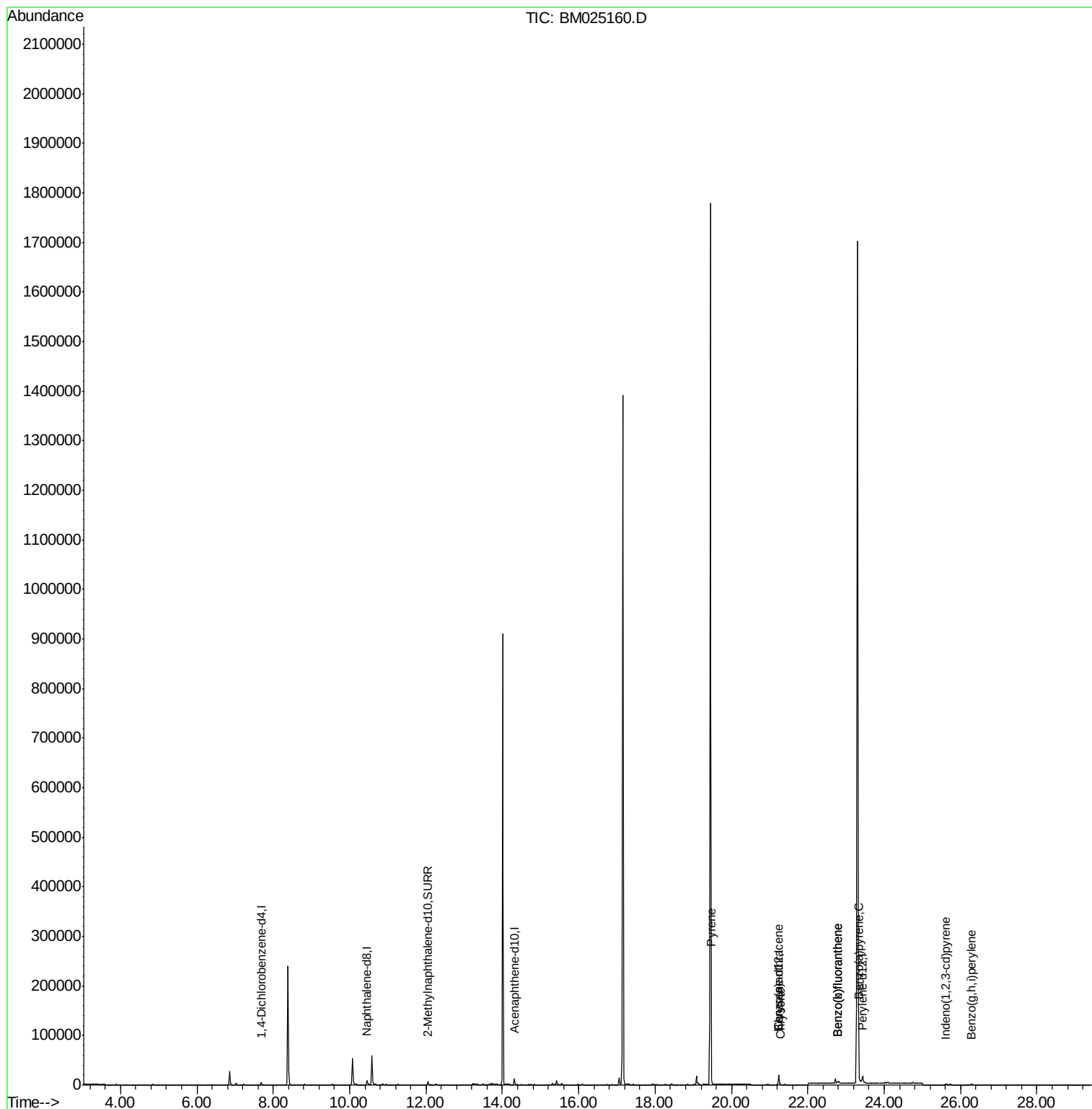
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	2638	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	10420	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	6924	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.05
16) Chrysene-d12	21.24	240	17048	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	19271	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	7946	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	21488	0.00	ng/ul	0.00
Target Compounds						
					Qvalue	
17) Pyrene	19.47	202	6370	0.083	ng/ul#	94
18) Benzo(a)anthracene	21.22	228	2496	0.034	ng/ul	93
19) Chrysene	21.27	228	3692	0.050	ng/ul	95
21) Benzo(b)fluoranthene	22.78	252	8333	0.110	ng/ul	84
22) Benzo(k)fluoranthene	22.78	252	8333	0.111	ng/ul#	82
23) Benzo(a)pyrene	23.34	252	2457	0.036	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	25.62	276	1900	0.022	ng/ul#	100
26) Benzo(g,h,i)perylene	26.28	276	1630	0.022	ng/ul#	76

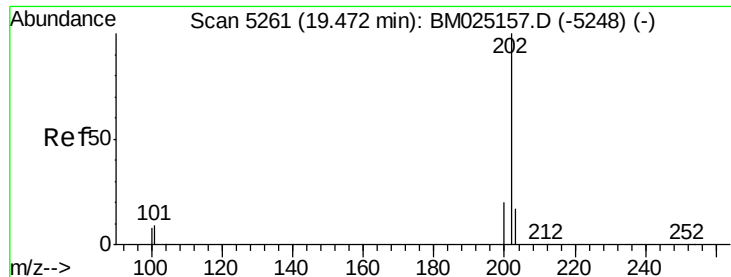
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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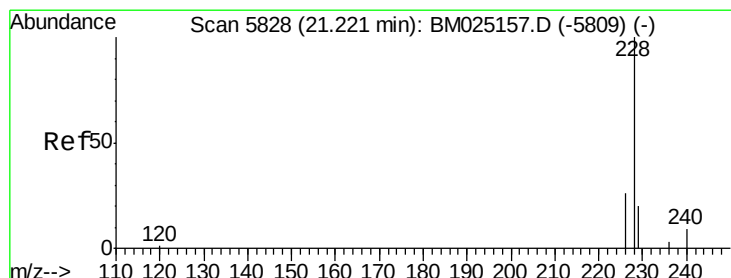
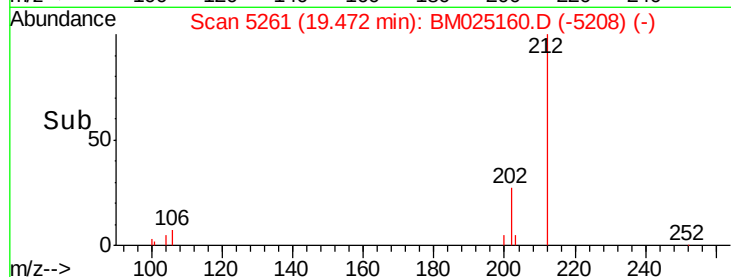
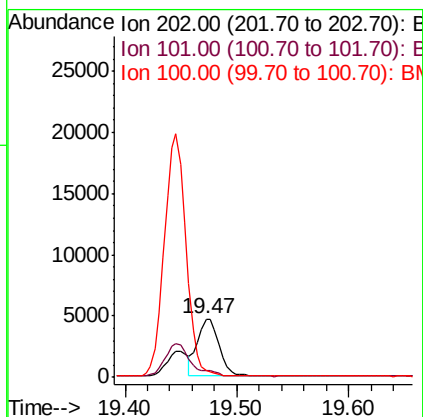
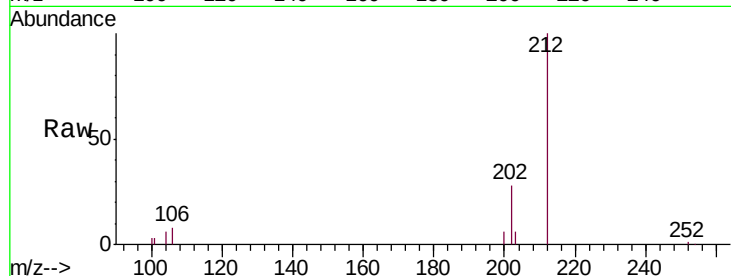




#17
 Pyrene
 Concen: 0.083 ng/ul
 RT: 19.47 min Scan# 5261
 Delta R.T. 0.00 min
 Lab File: BM025160.D
 Acq: 29 Feb 2020 10:19

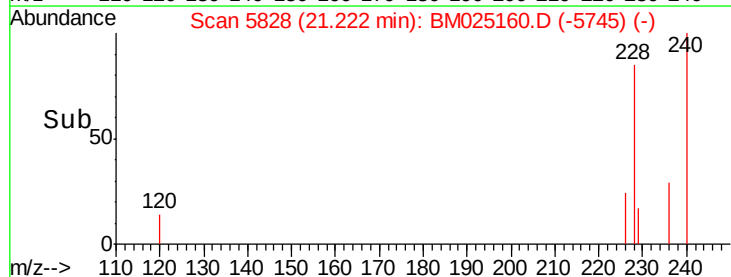
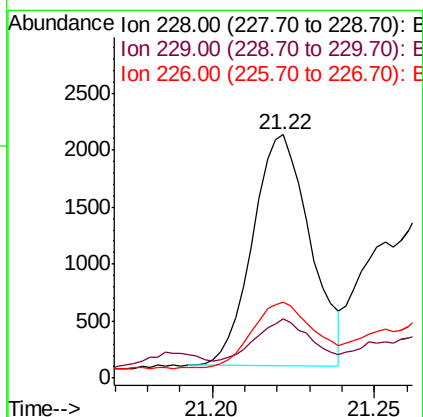
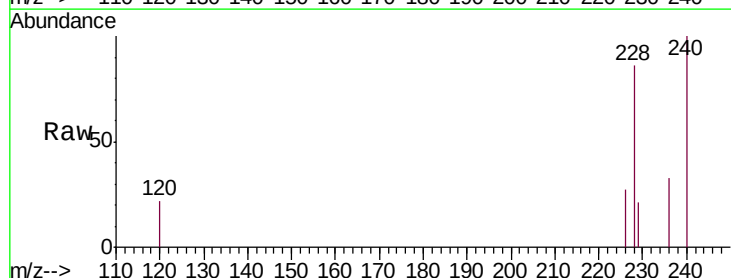
Instrument :
 BNA_M
 ClientSampleId :
 DBD38

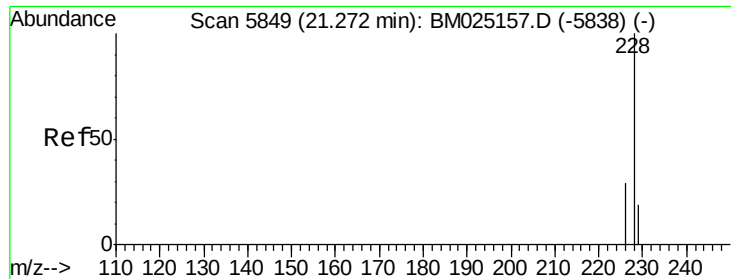
Tgt Ion:202 Resp: 6370
 Ion Ratio Lower Upper
 202 100
 101 12.5 8.7 13.1
 100 12.3 7.3 10.9#



#18
 Benzo(a)anthracene
 Concen: 0.034 ng/ul
 RT: 21.22 min Scan# 5828
 Delta R.T. 0.00 min
 Lab File: BM025160.D
 Acq: 29 Feb 2020 10:19

Tgt Ion:228 Resp: 2496
 Ion Ratio Lower Upper
 228 100
 229 24.3 16.6 25.0
 226 31.2 21.9 32.9





#19

Chrysene

Concen: 0.050 ng/ul

RT: 21.27 min Scan# 5849

Delta R.T. 0.00 min

Lab File: BM025160.D

Acq: 29 Feb 2020 10:19

Instrument :

BNA_M

ClientSampleId :

DBD38

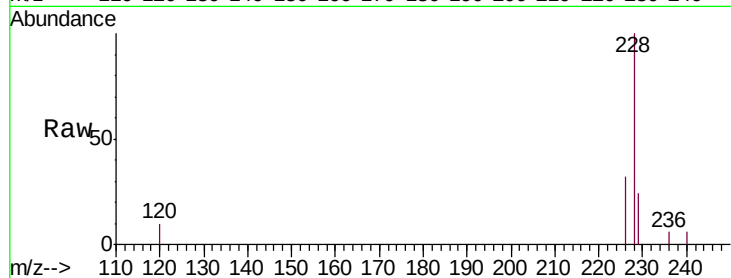
Tgt Ion:228 Resp: 3692

Ion Ratio Lower Upper

228 100

226 31.8 23.8 35.8

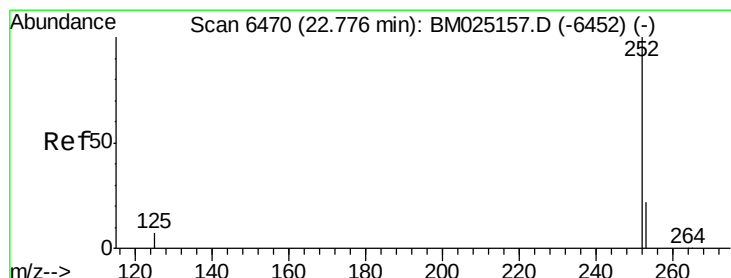
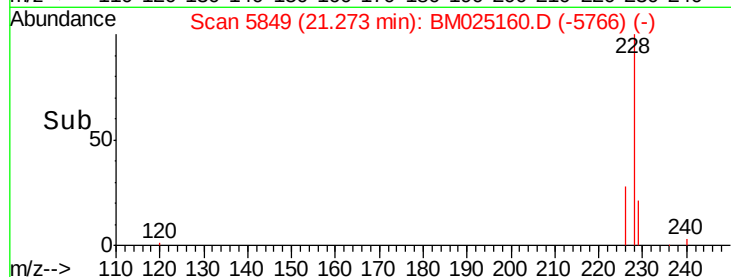
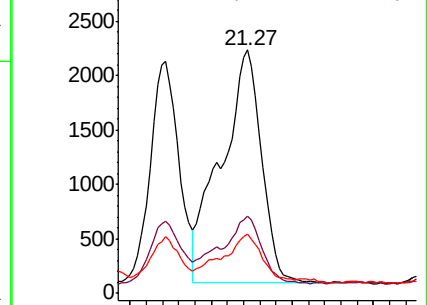
229 24.4 16.9 25.3



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: 0.110 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. 0.01 min

Lab File: BM025160.D

Acq: 29 Feb 2020 10:19

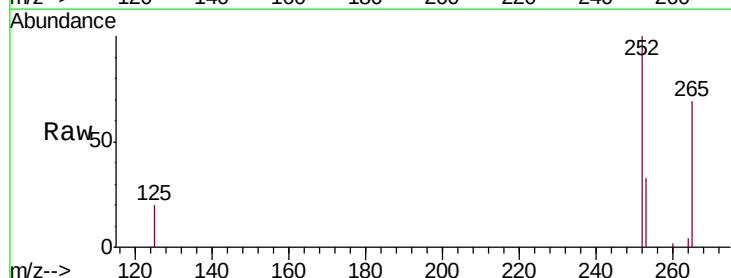
Tgt Ion:252 Resp: 8333

Ion Ratio Lower Upper

252 100

253 33.0 0.0 49.8

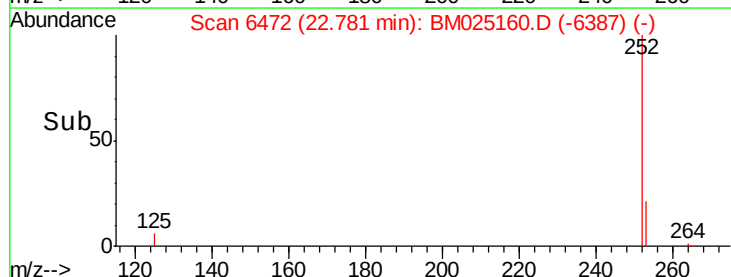
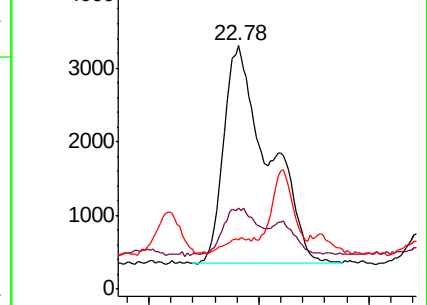
125 20.4 0.0 28.6

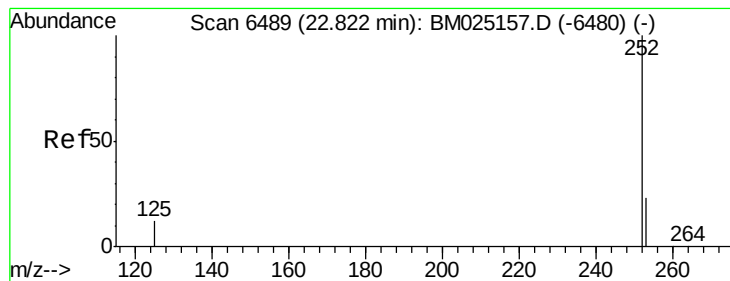


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.111 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.04 min

Lab File: BM025160.D

Acq: 29 Feb 2020 10:19

Instrument :

BNA_M

ClientSampleId :

DBD38

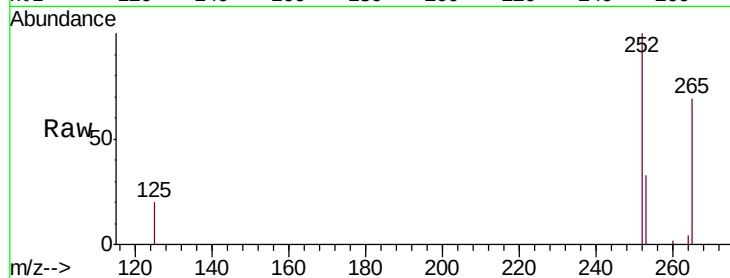
Tgt Ion:252 Resp: 8333

Ion Ratio Lower Upper

252 100

253 33.0 19.4 29.0#

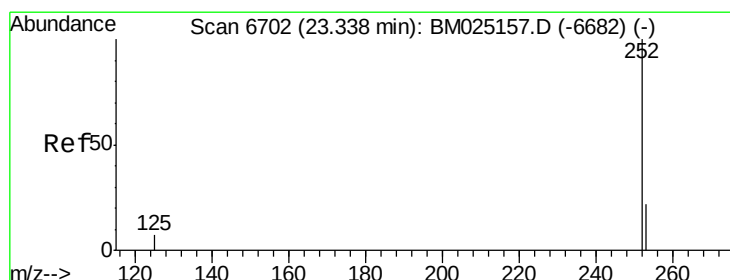
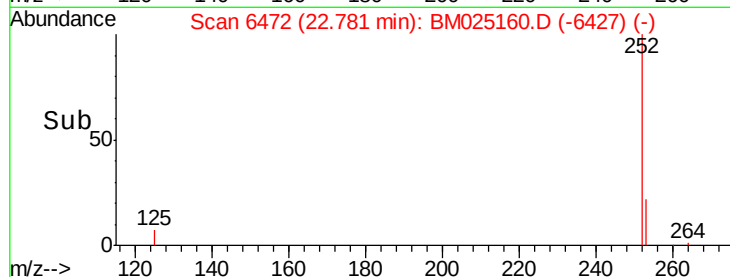
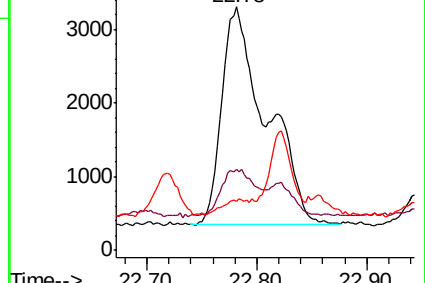
125 20.4 10.7 16.1#



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: 0.036 ng/ul

RT: 23.34 min Scan# 6702

Delta R.T. 0.00 min

Lab File: BM025160.D

Acq: 29 Feb 2020 10:19

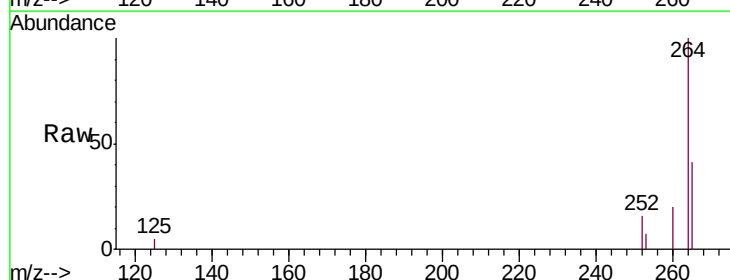
Tgt Ion:252 Resp: 2457

Ion Ratio Lower Upper

252 100

253 43.4 20.3 30.5#

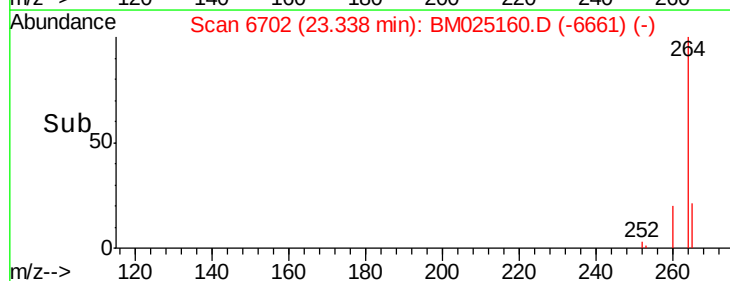
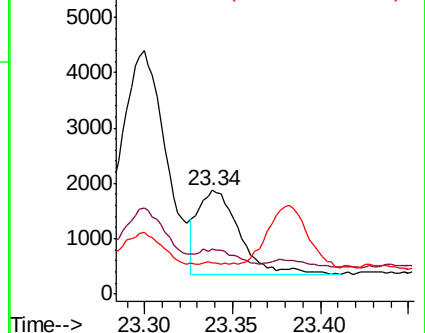
125 30.3 13.0 19.4#

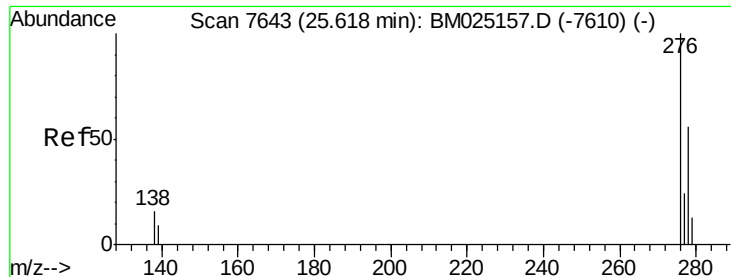


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



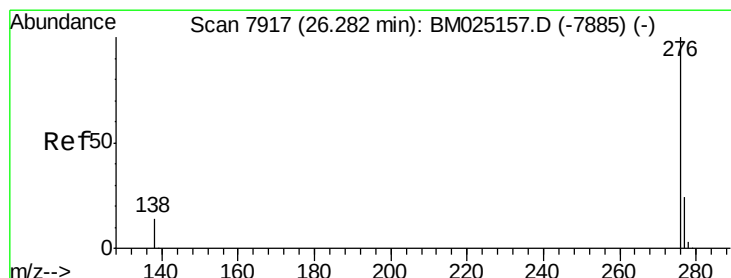
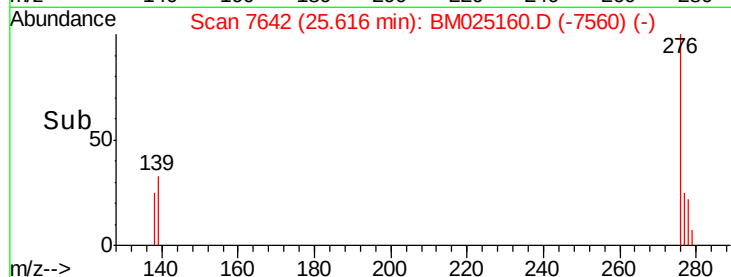
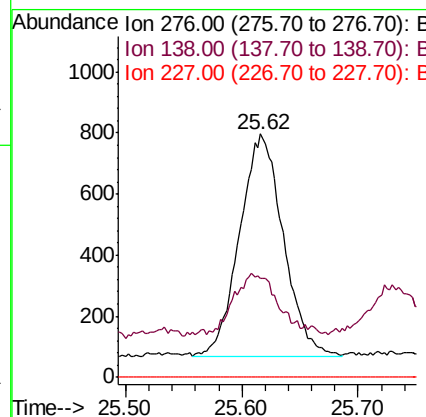
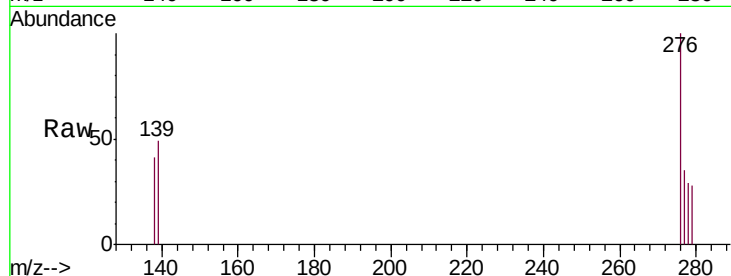


#24

Indeno(1,2,3-cd)pyrene
 Concen: 0.022 ng/ul
 RT: 25.62 min Scan# 7642
 Delta R.T. -0.00 min
 Lab File: BM025160.D
 Acq: 29 Feb 2020 10:19

Instrument :
 BNA_M
 ClientSampleId :
 DBD38

Tgt Ion: 276 Resp: 1900
 Ion Ratio Lower Upper
 276 100
 138 29.7 0.0 0.0#
 227 0.0 0.0 0.0



#26

Benzo(g,h,i)perylene
 Concen: 0.022 ng/ul
 RT: 26.28 min Scan# 7917
 Delta R.T. 0.00 min
 Lab File: BM025160.D
 Acq: 29 Feb 2020 10:19

Tgt Ion: 276 Resp: 1630
 Ion Ratio Lower Upper
 276 100
 138 37.0 17.9 26.9#
 277 35.2 20.5 30.7#

