

Data File : BM025169.D
Acq On : 29 Feb 2020 15:42
Operator : CG/JU
Sample : L1542-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD44

Quant Time: Mar 02 02:10:14 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 02:08:15 2020
Response via : Initial Calibration

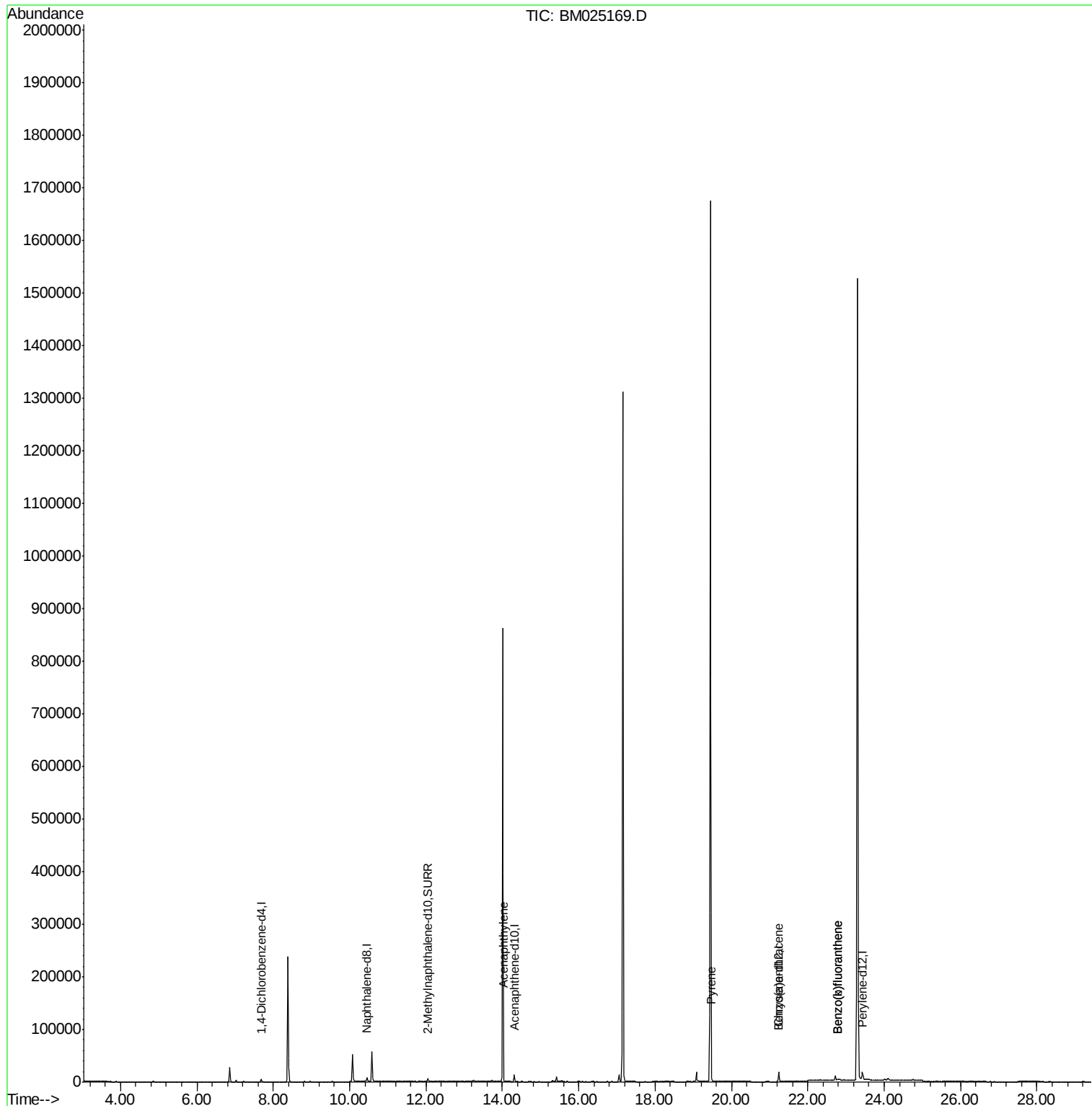
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	2692	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	10635	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	6971	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.05
16) Chrysene-d12	21.24	240	16560	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	18533	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	7619	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	19986	0.00	ng/ul	0.00
Target Compounds						
7) Acenaphthylene	14.03	152	1560	0.039	ng/ul#	78
17) Pyrene	19.48	202	4736	0.063	ng/ul	95
18) Benzo(a)anthracene	21.22	228	1549	0.022	ng/ul#	83
21) Benzo(b)fluoranthene	22.78	252	4050	0.056	ng/ul#	50
22) Benzo(k)fluoranthene	22.78	252	4020	0.056	ng/ul#	48

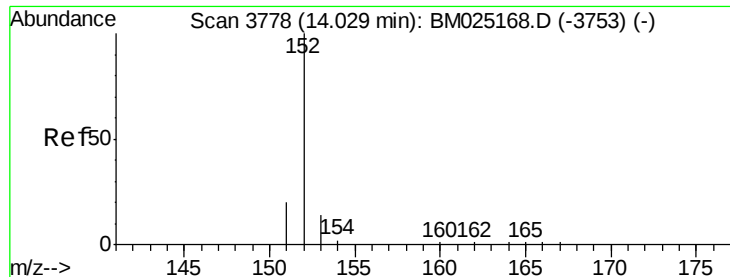
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 14.03 min Scan# 3778

Delta R.T. -0.00 min

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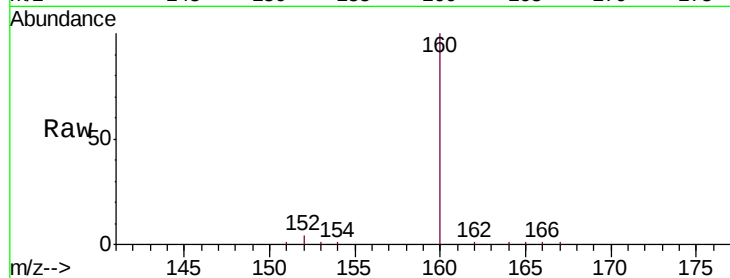
Tgt Ion:152 Resp: 1560

Ion Ratio Lower Upper

152 100

151 32.6 17.8 26.8#

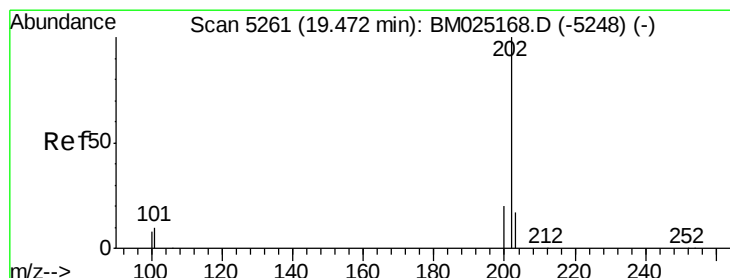
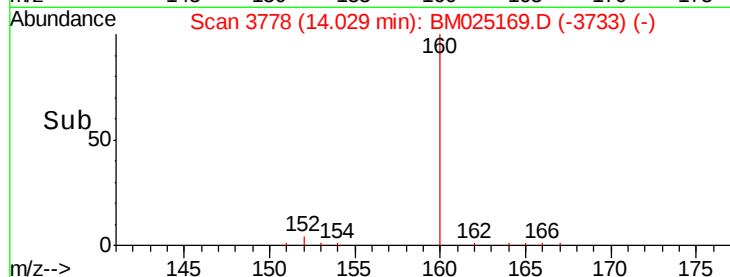
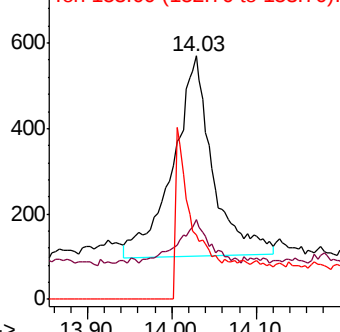
153 26.7 13.3 19.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Pyrene

Concen: 0.063 ng/ul

RT: 19.48 min Scan# 5262

Delta R.T. 0.00 min

Lab File: BM025169.D

Acq: 29 Feb 2020 15:42

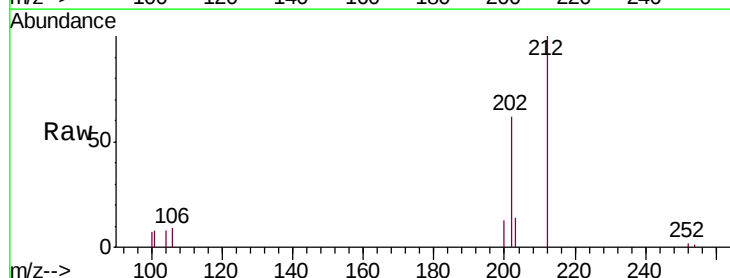
Tgt Ion:202 Resp: 4736

Ion Ratio Lower Upper

202 100

101 12.6 8.7 13.1

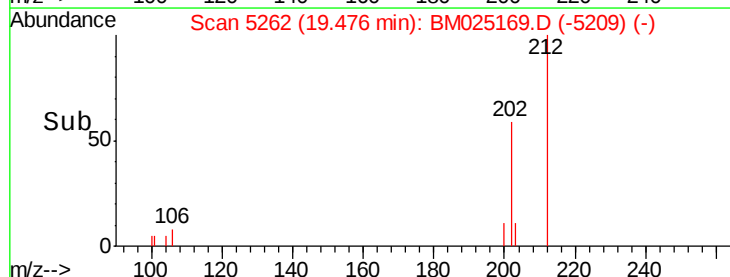
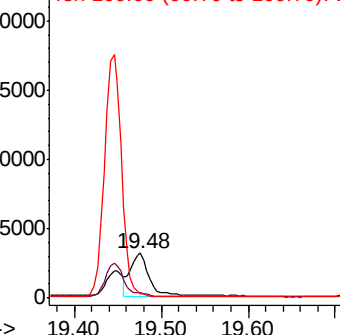
100 10.7 7.3 10.9

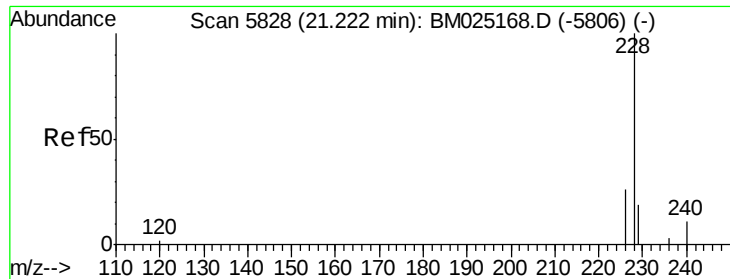


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.022 ng/ul

RT: 21.22 min Scan# 5827

Delta R.T. -0.00 min

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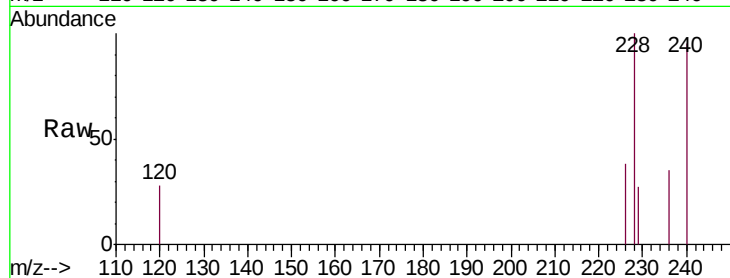
Tgt Ion:228 Resp: 1549

Ion Ratio Lower Upper

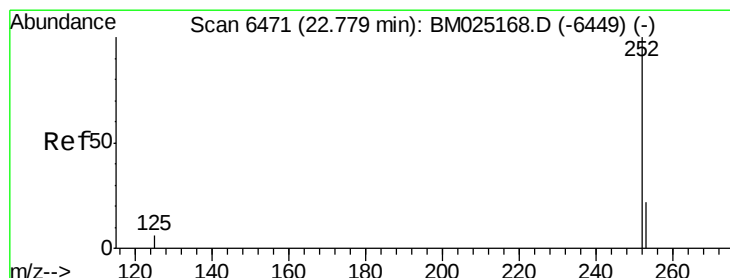
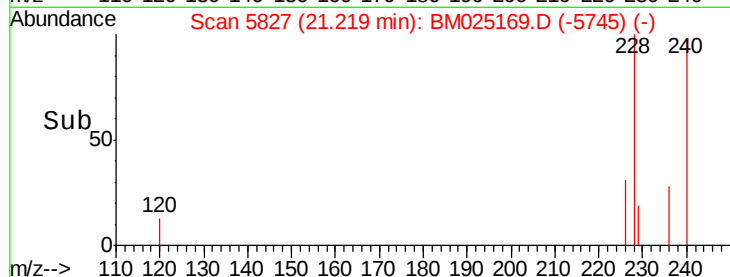
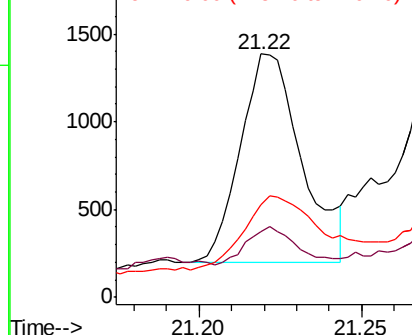
228 100

229 26.7 16.6 25.0#

226 38.1 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



#21

Benzo(b)fluoranthene

Concen: 0.056 ng/ul

RT: 22.78 min Scan# 6471

Delta R.T. -0.00 min

Lab File: BM025169.D

Acq: 29 Feb 2020 15:42

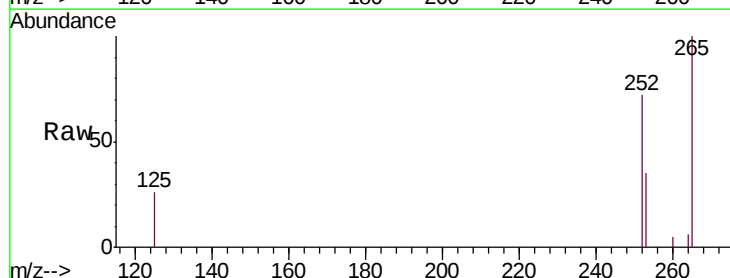
Tgt Ion:252 Resp: 4050

Ion Ratio Lower Upper

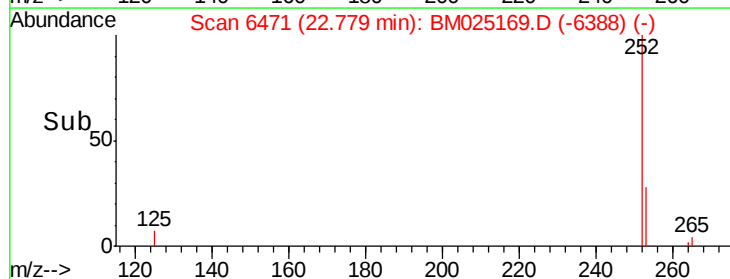
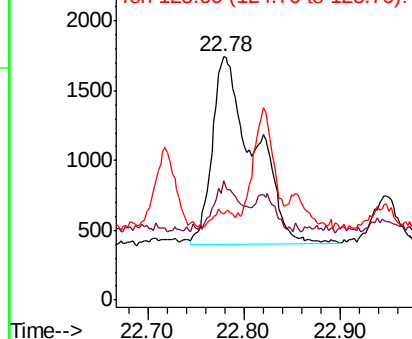
252 100

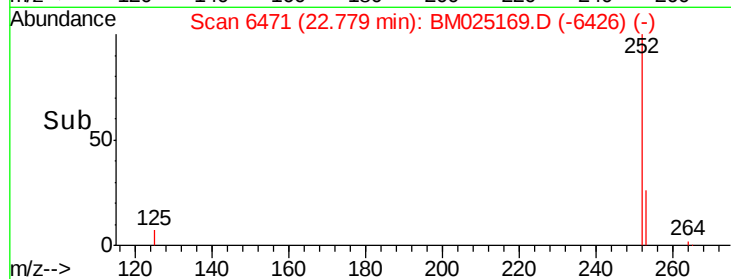
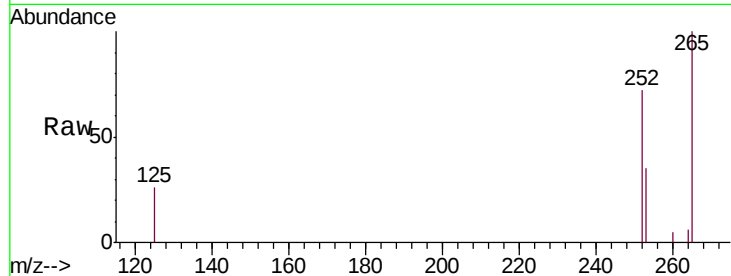
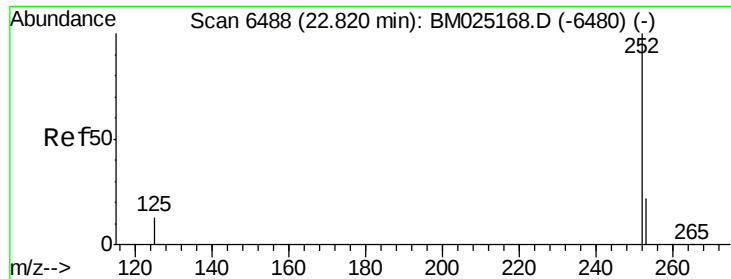
253 49.2 0.0 49.8

125 35.6 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: 0.056 ng/ul

RT: 22.78 min Scan# 6471

Delta R.T. -0.04 min

Lab File: BM025169.D

Acq: 29 Feb 2020 15:42

Instrument :

BNA_M

ClientSampleId :

DBD44

Tgt Ion: 252 Resp: 4020

Ion Ratio Lower Upper

252 100

253 49.2 19.4 29.0#

125 35.6 10.7 16.1#

