

Data File : BM022077.D
Acq On : 13 Aug 2019 19:25
Operator : HP/JU
Sample : K4183-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF1

Quant Time: Aug 14 07:22:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 07:18:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	718	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	2945	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1534	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.12	188	132049	0.40	ng/ul	0.07
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.23
20) Perylene-d12	23.44	264	3624	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	883	0.18	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

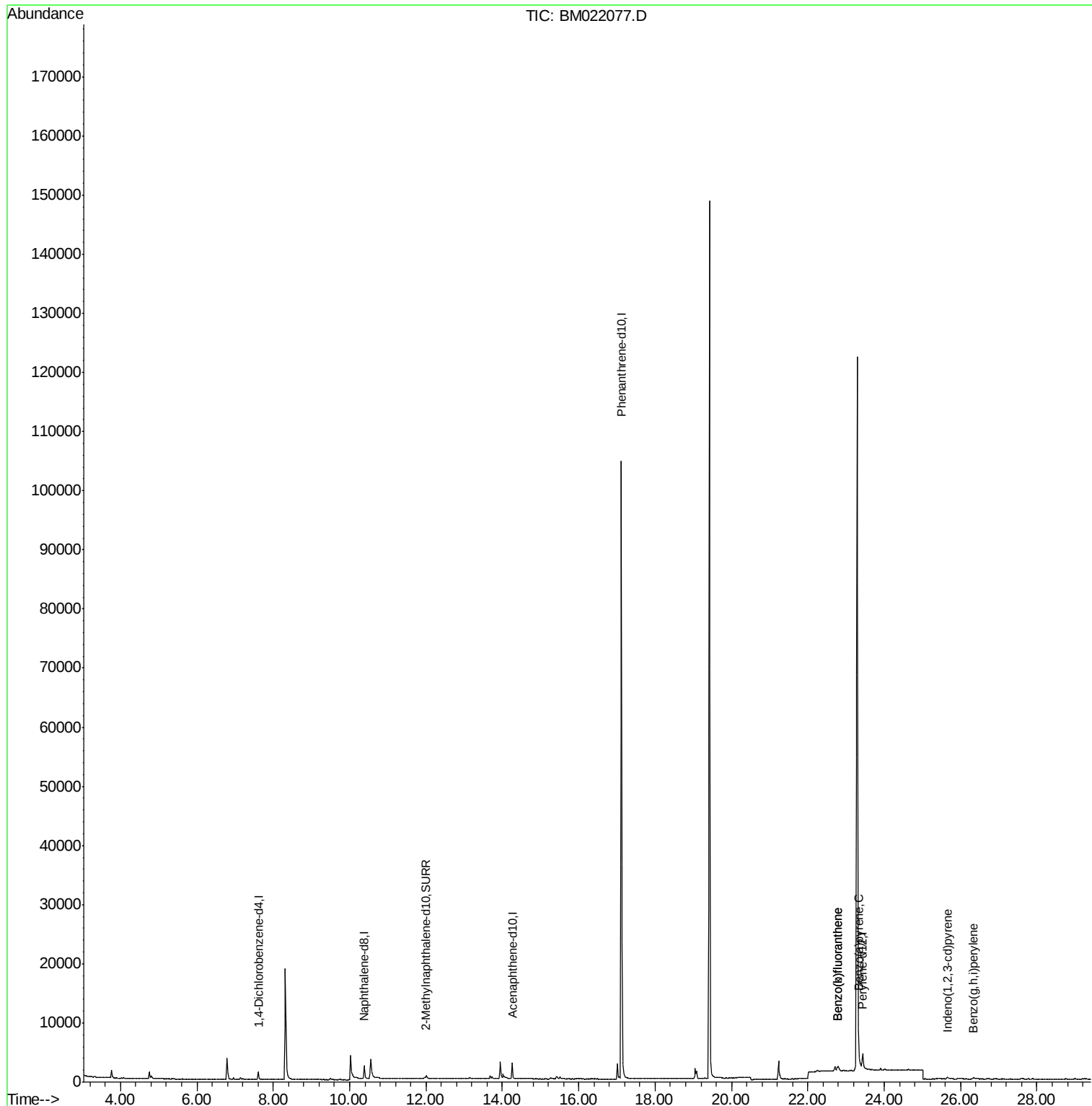
Target Compounds				Qvalue		
21) Benzo(b)fluoranthene	22.77	252	1515	0.124	ng/ul#	45
22) Benzo(k)fluoranthene	22.77	252	1515	0.110	ng/ul#	45
23) Benzo(a)pyrene	23.34	252	671	0.054	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	25.66	276	564	0.038	ng/ul#	100
26) Benzo(g,h,i)perylene	26.34	276	569	0.043	ng/ul#	48

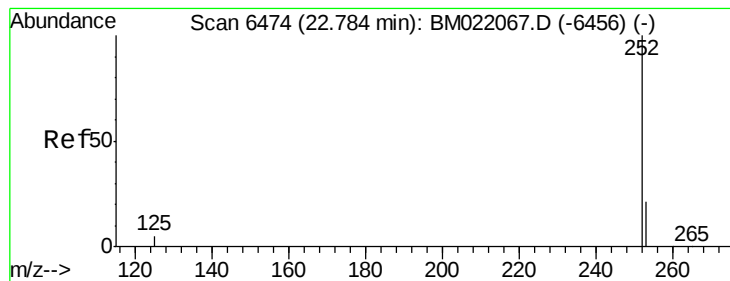
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

Benzo(b)fluoranthene

Concen: 0.124 ng/ul

RT: 22.77 min Scan# 6468

Delta R.T. -0.01 min

Lab File: BM022077.D

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Instrument :

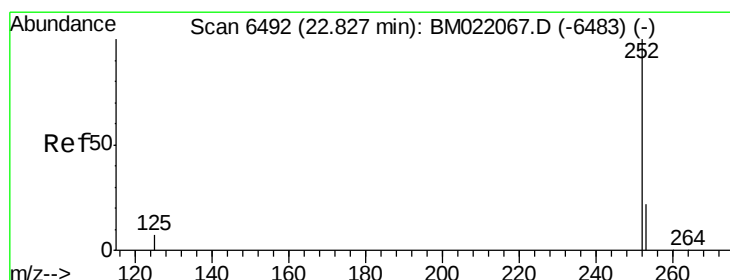
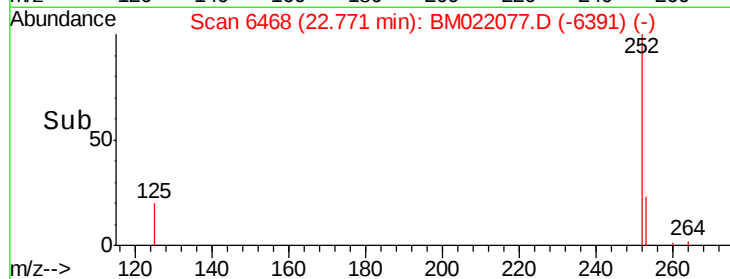
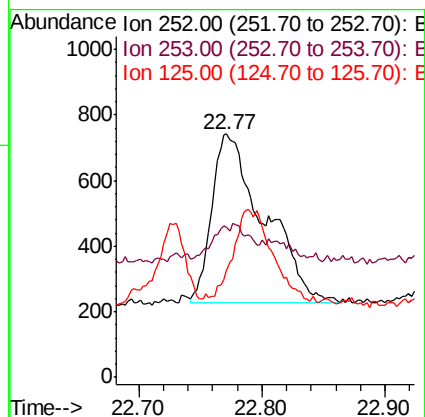
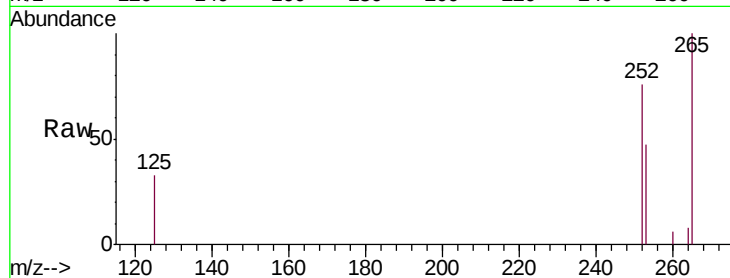
BNA_M

ClientSampleId :

C0AF1

Tgt Ion:252 Resp: 1515

Ion	Ratio	Lower	Upper
252	100		
253	61.5	0.0	67.4
125	43.9	0.0	31.0



#22

Benzo(k)fluoranthene

Concen: 0.110 ng/ul

RT: 22.77 min Scan# 6468

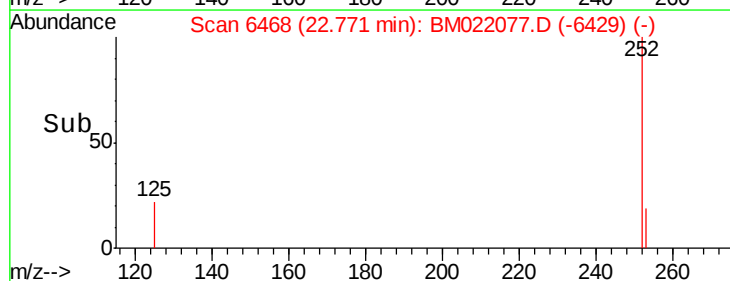
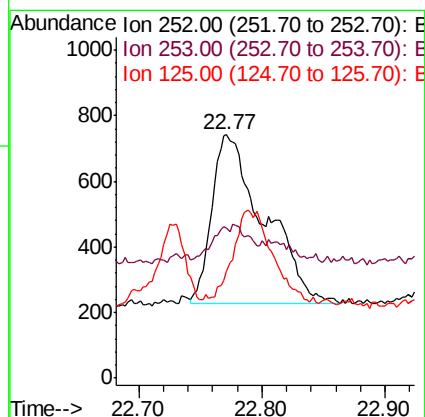
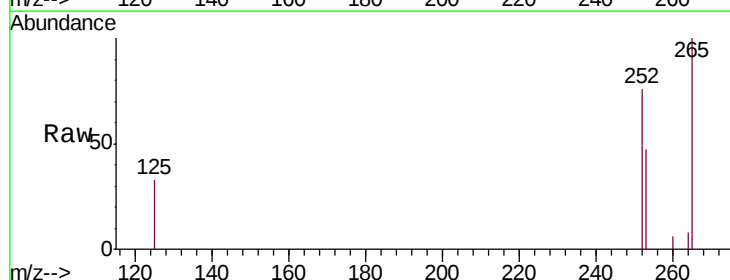
Delta R.T. -0.06 min

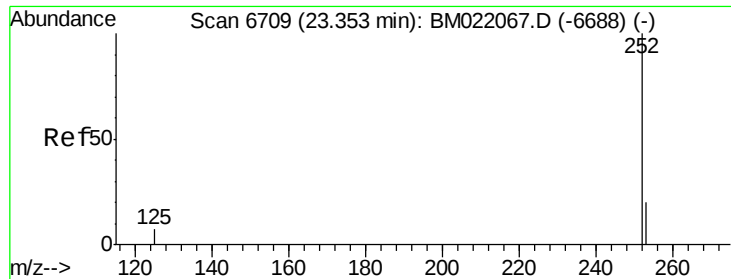
Lab File: BM022077.D

Acq: 13 Aug 2019 19:25

Tgt Ion:252 Resp: 1515

Ion	Ratio	Lower	Upper
252	100		
253	61.5	27.0	40.4
125	43.9	12.2	18.2





#23

Benzo(a)pyrene

Concen: 0.054 ng/u1

RT: 23.34 min Scan# 6701

Delta R.T. -0.02 min

Lab File: BM022077.D

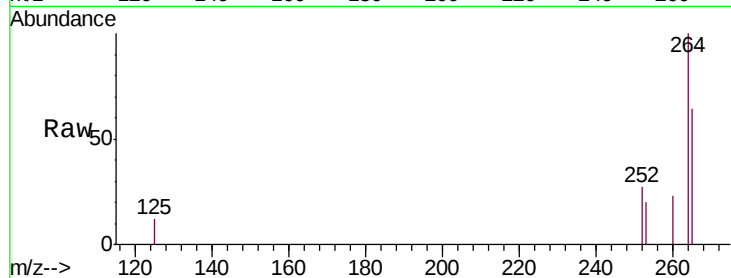
Acq: 13 Aug 2019 19:25

Instrument :

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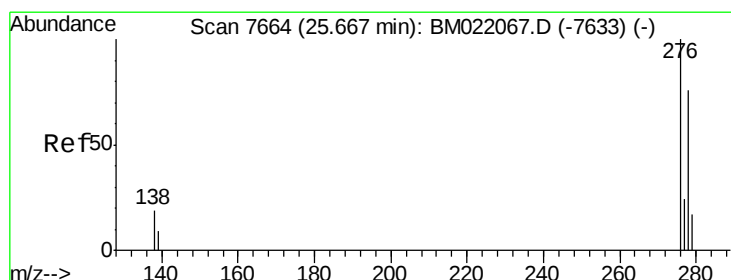
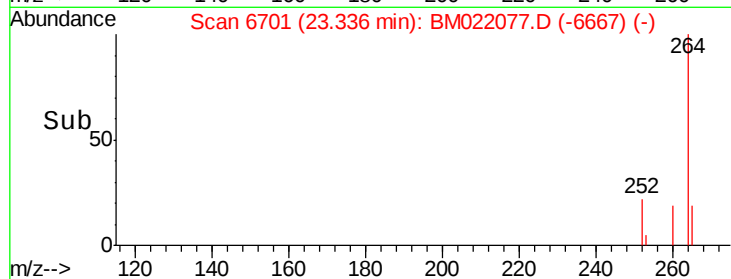
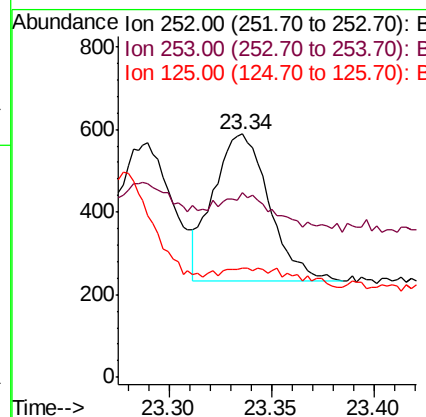
Tgt Ion: 252 Resp: 671

Ion Ratio Lower Upper

252 100

253 75.9 31.7 47.5#

125 44.7 14.6 21.8#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.038 ng/u1

RT: 25.66 min Scan# 7659

Delta R.T. -0.01 min

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Acq: 13 Aug 2019 19:25

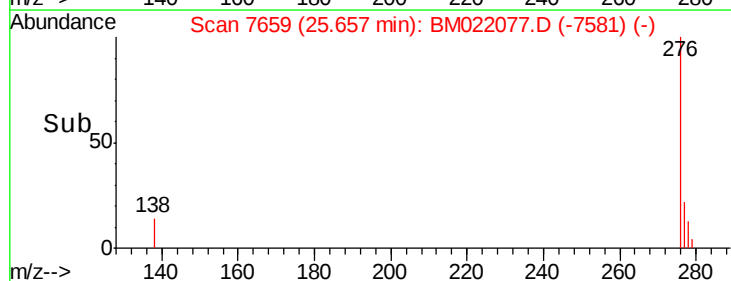
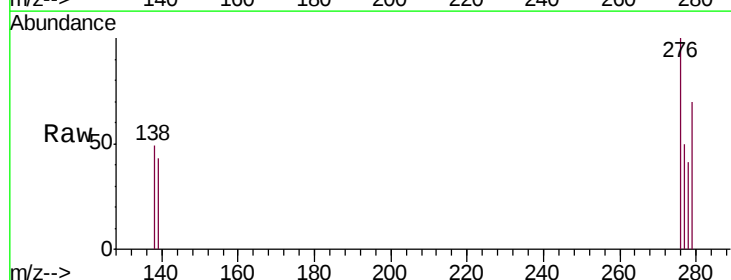
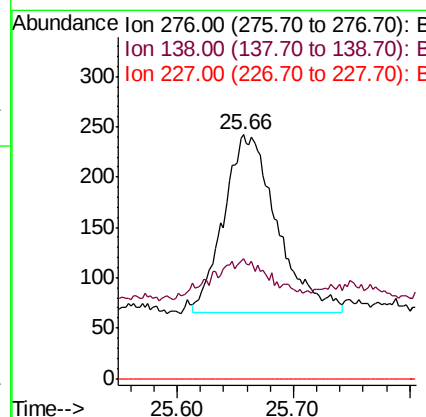
Tgt Ion: 276 Resp: 564

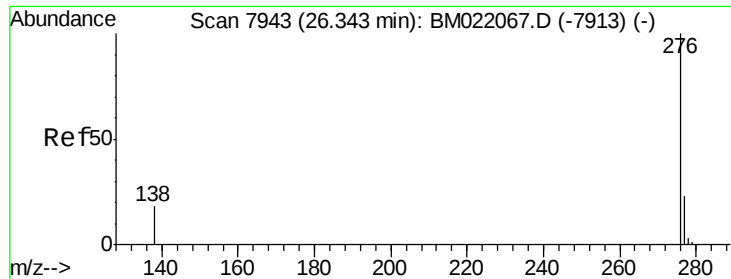
Ion Ratio Lower Upper

276 100

138 19.0 15.1 22.7

227 0.0 0.0 0.0





#26

Benzo(g,h,i)perylene

Concen: 0.043 ng/u1

RT: 26.34 min Scan# 7940

Delta R.T. -0.01 min

Lab File: BM022077.D

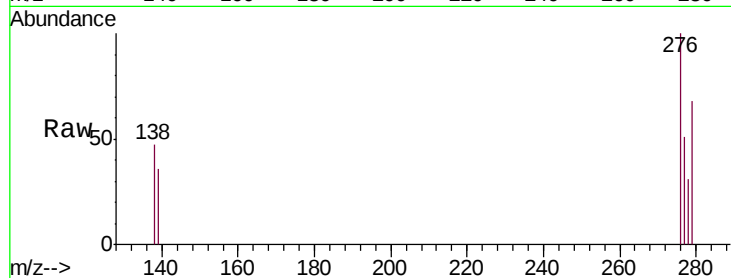
Acq: 13 Aug 2019 19:25

Instrument :

BNA_M

ClientSampleId :

C0AF1



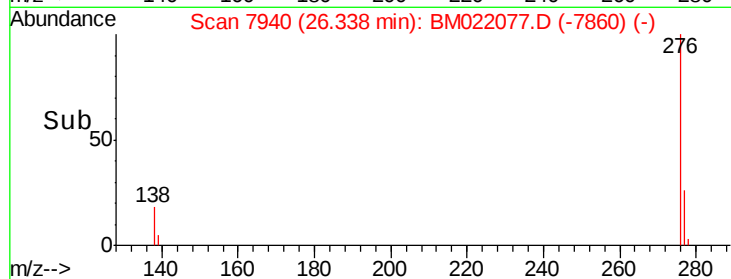
Tgt Ion: 276 Resp: 569

Ion Ratio Lower Upper

276 100

138 46.9 15.5 23.3#

277 50.6 21.4 32.2#



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

