

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025382.D
 Acq On : 08 Mar 2020 12:36
 Operator : CG/JU
 Sample : L1616-18
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 09 01:15:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

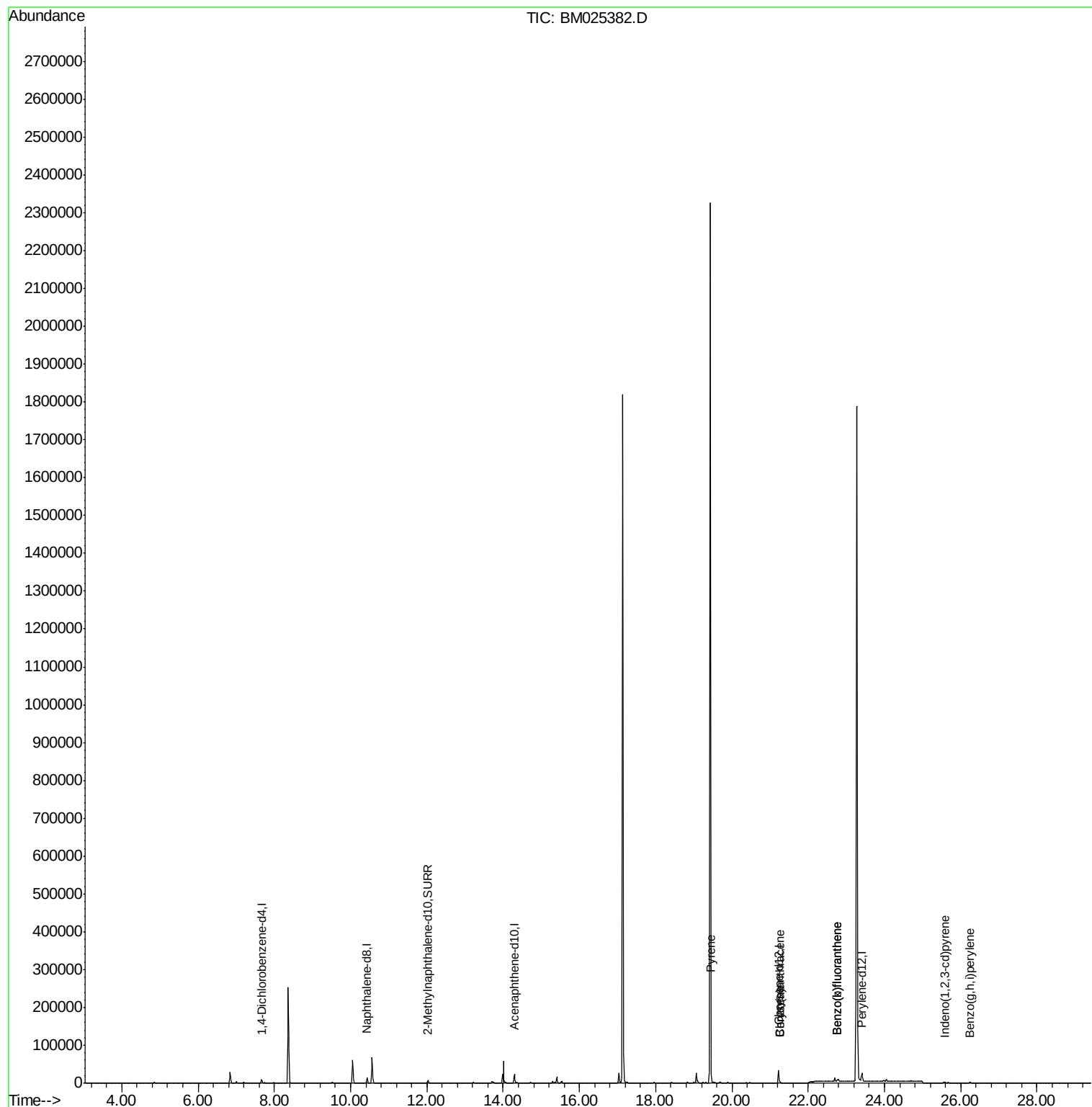
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	4318	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.43	136	18152	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.29	164	13084	0.40	ng/ul	-0.01
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.05
16) Chrysene-d12	21.22	240	29581	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	29355	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	9689	0.29	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	28410	0.00	ng/ul	-0.01
Target Compounds				Ovalue		
17) Pyrene	19.46	202	5787	0.052	ng/ul#	96
18) Benzo(a)anthracene	21.26	228	3835	0.035	ng/ul	94
19) Chrysene	21.26	228	3835	0.032	ng/ul	97
21) Benzo(b)fluoranthene	22.76	252	10142	0.086	ng/ul	83
22) Benzo(k)fluoranthene	22.76	252	10107	0.082	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.58	276	3063	0.025	ng/ul#	100
26) Benzo(g,h,i)perylene	26.24	276	2444	0.023	ng/ul#	91

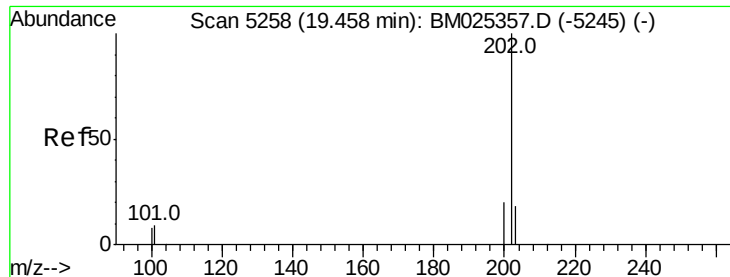
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





#17

Pvrene

Concen: 0.052 ng/ul

RT: 19.46 min Scan# 5257

Delta R.T. -0.01 min

Lab File: BM025382.D

Acq: 08 Mar 2020 12:36

Instrument :

BNA_M

ClientSampleId :

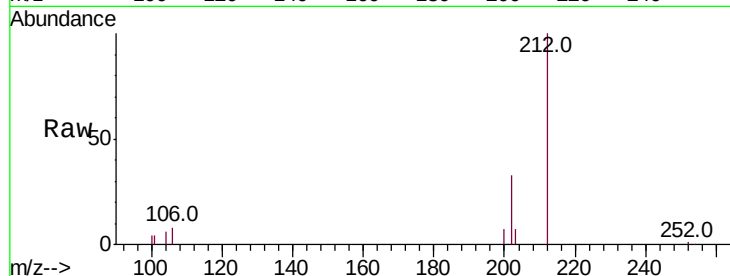
Tot Ion:202 Resp: 5787

Ion Ratio Lower Upper

202 100

101 11.8 8.7 13.1

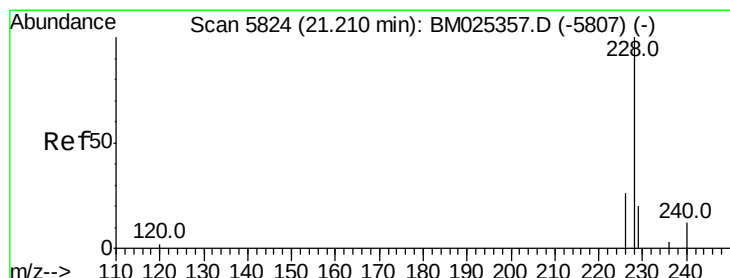
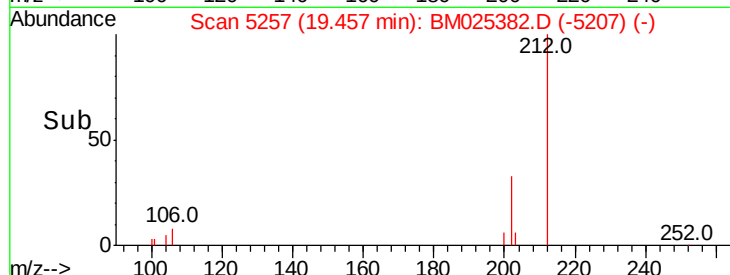
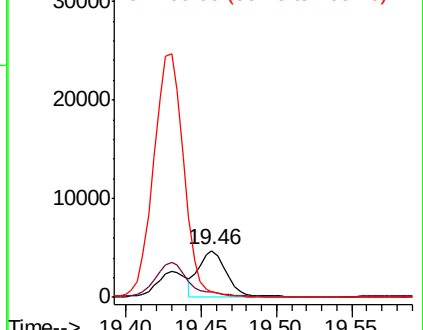
100 11.2 7.3 10.9#



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: 0.035 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. 0.04 min

Lab File: BM025382.D

Acq: 08 Mar 2020 12:36

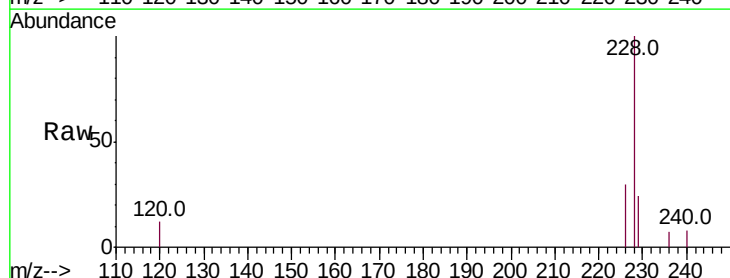
Tgt Ion:228 Resp: 3835

Ion Ratio Lower Upper

228 100

229 24.5 16.6 25.0

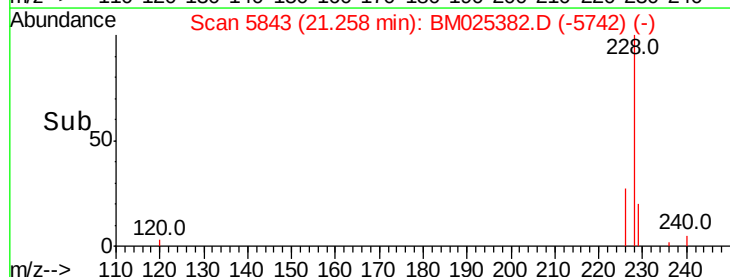
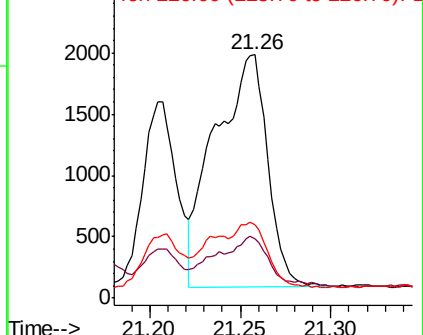
226 30.2 21.9 32.9

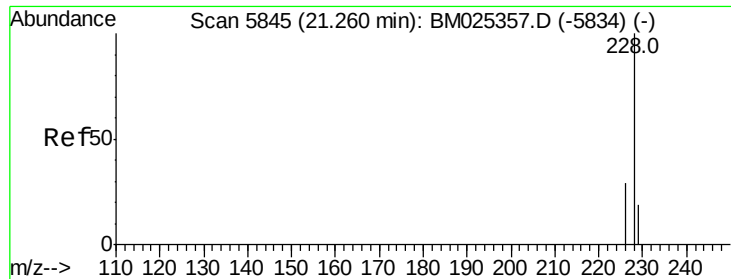


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.032 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.01 min

Lab File: BM025382.D

Acq: 08 Mar 2020 12:36

Instrument :

BNA_M

ClientSampleId :

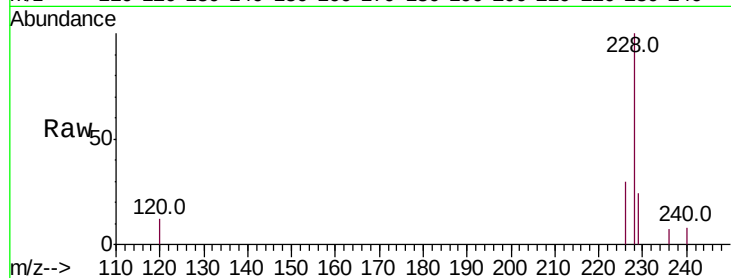
Tot Ion:228 Resp: 3835

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

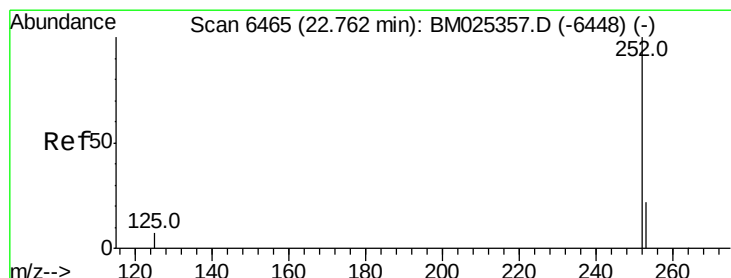
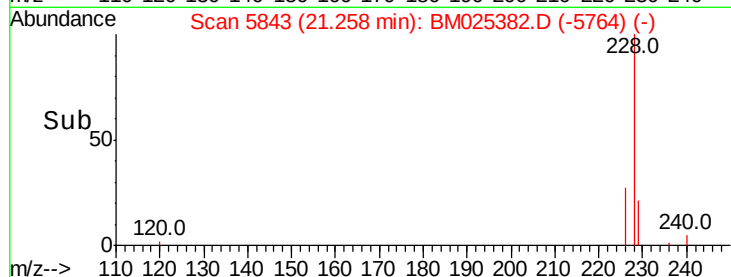
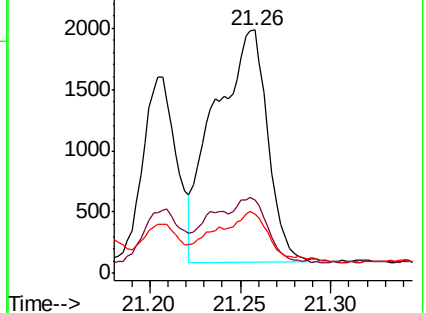
229 24.5 16.9 25.3



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: 0.086 ng/ul

RT: 22.76 min Scan# 6462

Delta R.T. -0.01 min

Lab File: BM025382.D

Acq: 08 Mar 2020 12:36

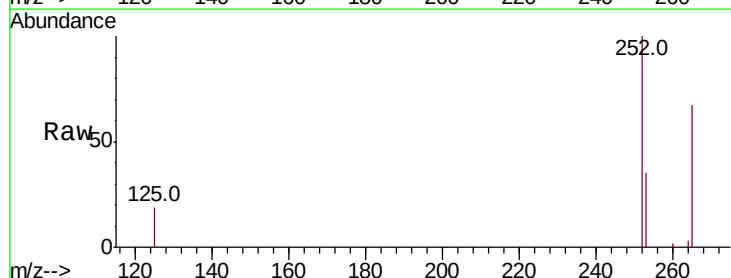
Tgt Ion:252 Resp: 10142

Ion Ratio Lower Upper

252 100

253 34.7 0.0 49.8

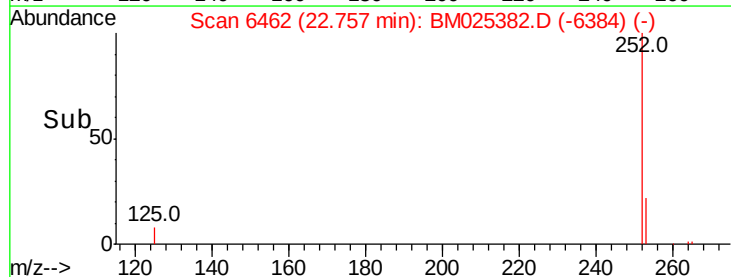
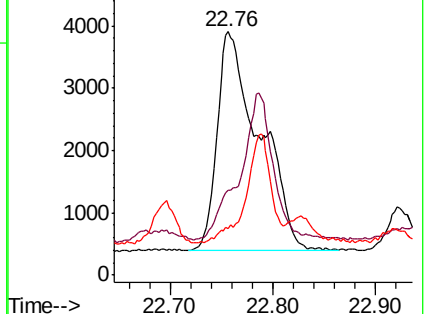
125 19.3 0.0 28.6

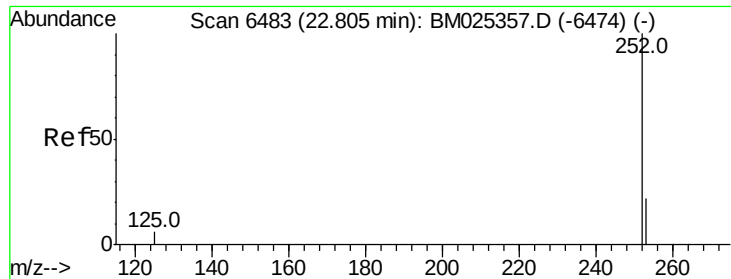


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

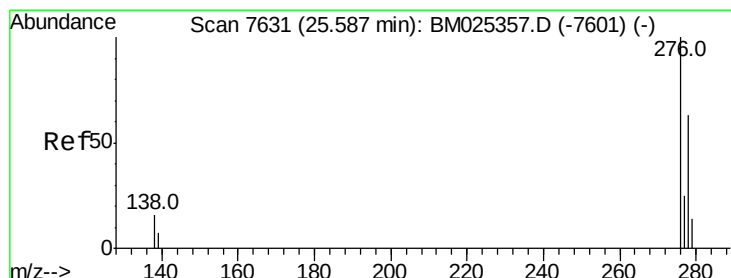
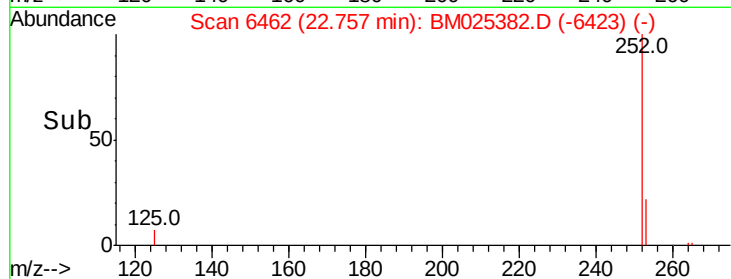
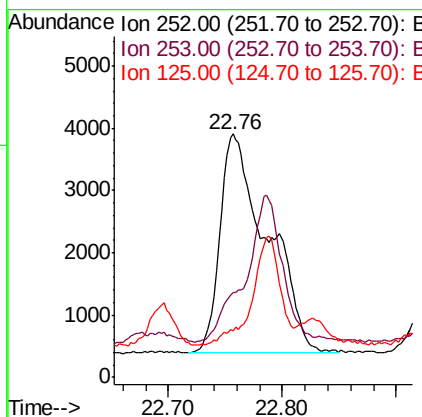
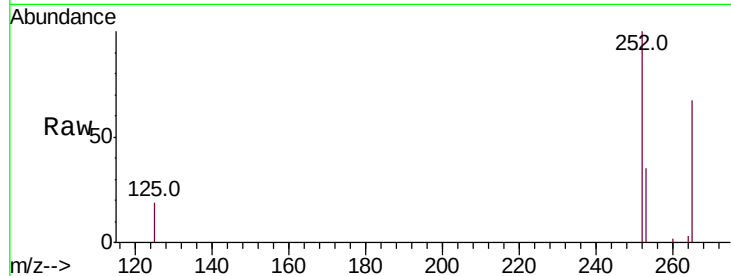




#22
Benzo(k)fluoranthene
Concen: 0.082 ng/ul
RT: 22.76 min Scan# 6462
Delta R.T. -0.06 min
Lab File: BM025382.D
Acq: 08 Mar 2020 12:36

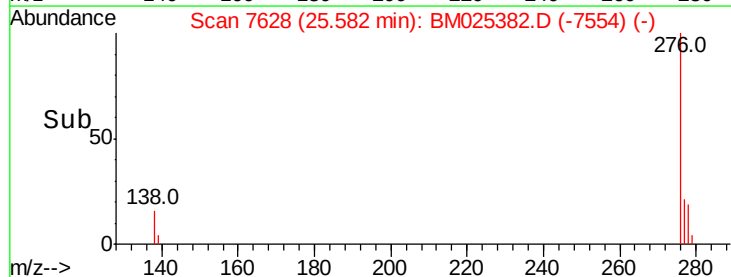
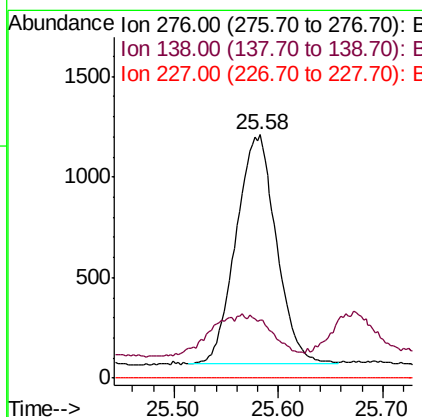
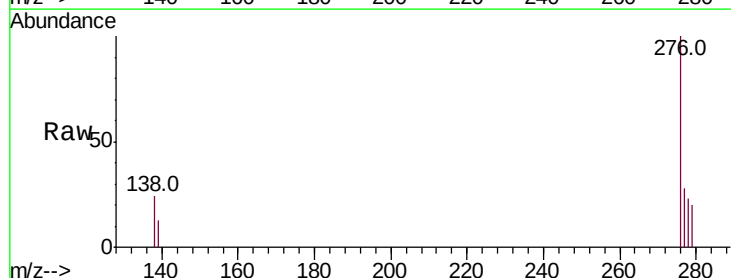
Instrument :
BNA_M
ClientSampleId :

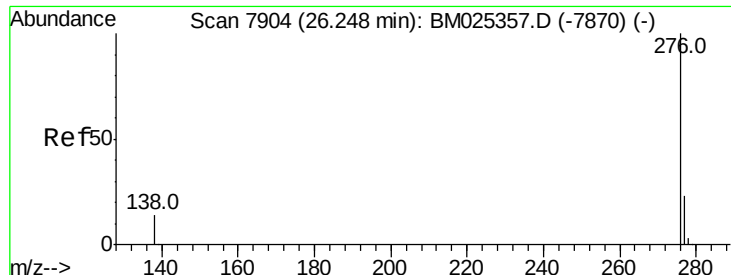
Tot Ion:252 Resp: 10107
Ion Ratio Lower Upper
252 100
253 34.7 19.4 29.0#
125 19.3 10.7 16.1#



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/ul
RT: 25.58 min Scan# 7628
Delta R.T. -0.02 min
Lab File: BM025382.D
Acq: 08 Mar 2020 12:36

Tgt Ion:276 Resp: 3063
Ion Ratio Lower Upper
276 100
138 27.3 0.0 0.0#
227 0.0 0.0 0.0





#26

Benzo(a,h,i)perylene

Concen: 0.023 ng/ul

RT: 26.24 min Scan# 7899

Delta R.T. -0.02 min

Lab File: BM025382.D

Acq: 08 Mar 2020 12:36

Instrument :

BNA_M

ClientSampleId :

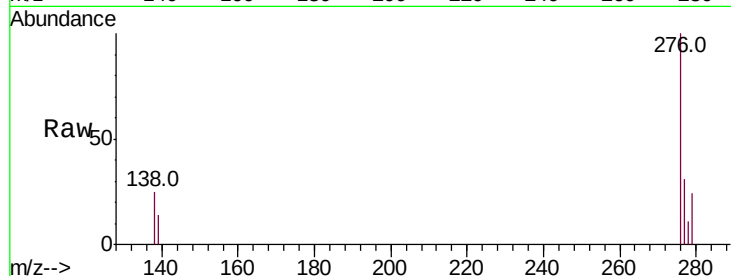
Tot Ion:276 Resp: 2444

Ion Ratio Lower Upper

276 100

138 25.4 17.9 26.9

277 31.1 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

