

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040269.D
 Acq On : 15 Jun 2023 21:08
 Operator : MA/JU
 Sample : 03088-01DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFQ9DL

Quant Time: Jun 15 23:44:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

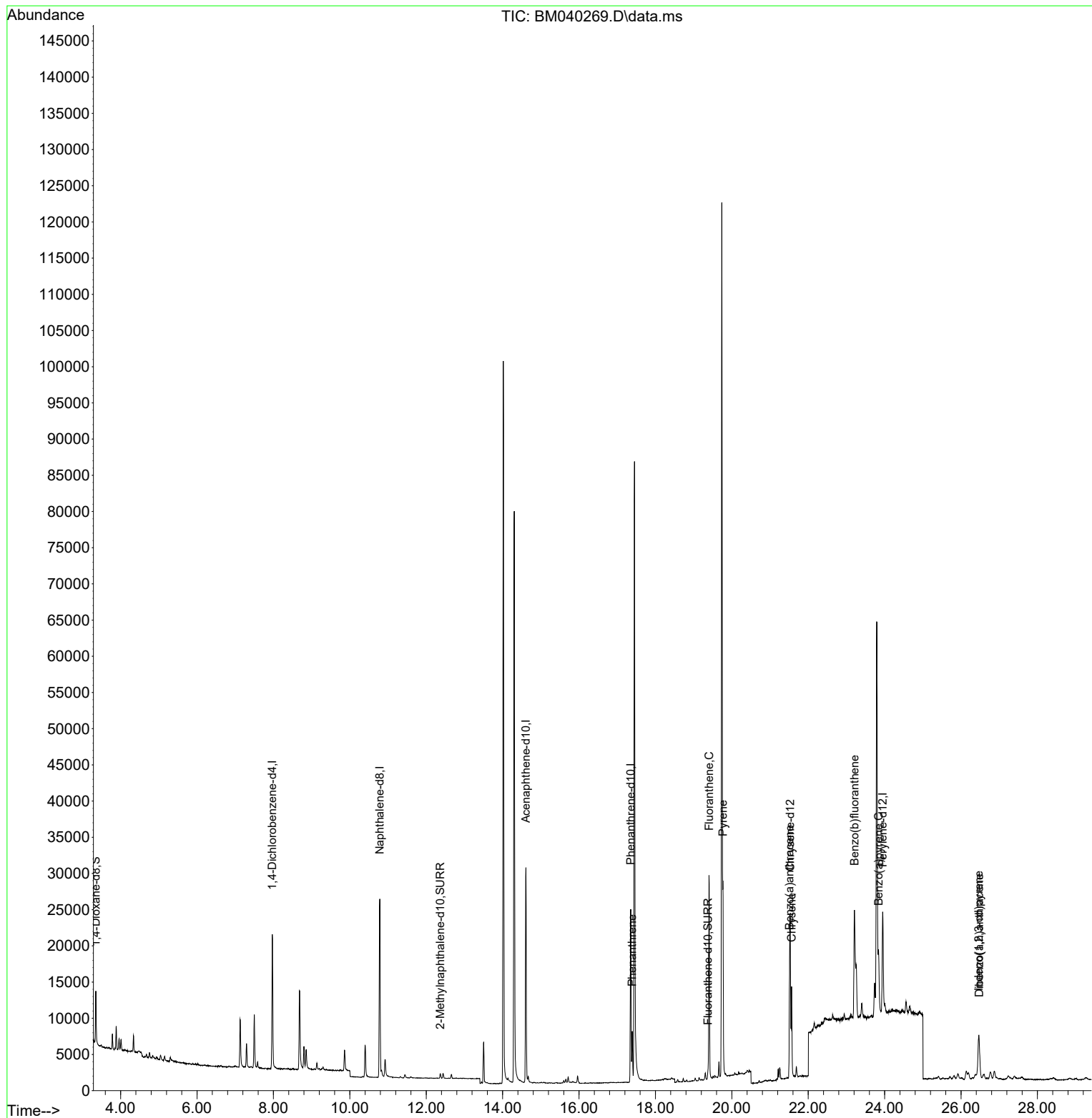
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	9756	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	34868	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	16651	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	28636	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	17756	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	18999	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	4419	0.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	949	0.021	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	1288	0.029	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.391	178	7143	0.095	ng/ul#	94
19) Fluoranthene	19.403	202	24297	0.402	ng/ul	97
20) Pyrene	19.765	202	20307	0.323	ng/ul	96
21) Benzo(a)anthracene	21.509	228	11653	0.222	ng/ul	96
22) Chrysene	21.564	228	13839	0.250	ng/ul	96
24) Benzo(b)fluoranthene	23.210	252	24063	0.344	ng/ul	80
26) Benzo(a)pyrene	23.842	252	10112	0.176	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	26.464	276	10364	0.142	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.477	278	3023	0.052	ng/ul#	32

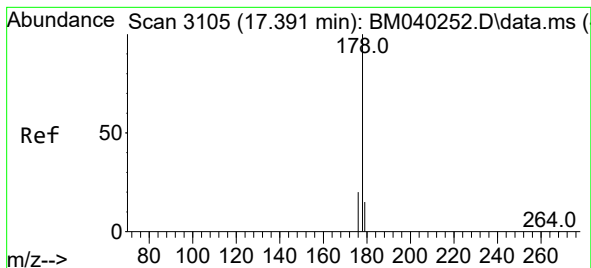
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Phenanthrene

Concen: 0.095 ng/ul

RT: 17.391 min Scan# 3105

Delta R.T. -0.004 min

Lab File: BM040269.D

Acq: 15 Jun 2023 21:08

Instrument :

BNA_M

ClientSampleId :

DCFQ9DL

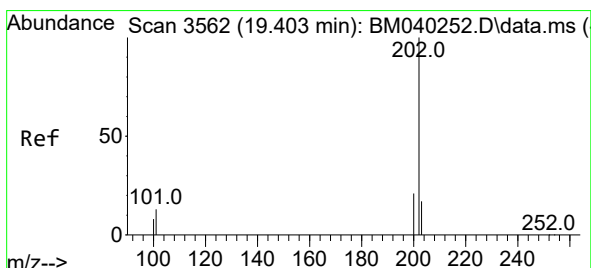
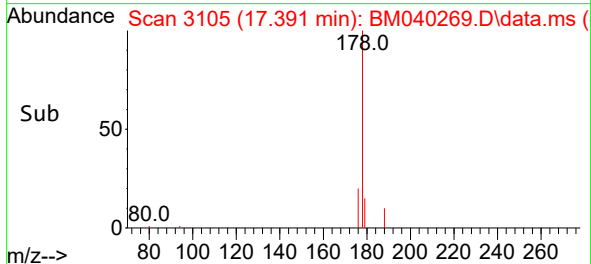
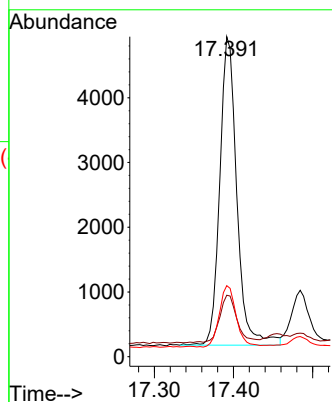
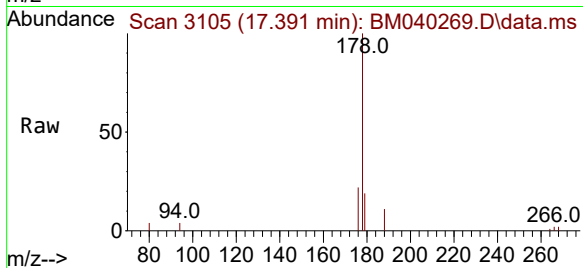
Tgt Ion:178 Resp: 7143

Ion Ratio Lower Upper

178 100

179 19.2 12.6 19.0#

176 22.2 16.1 24.1



#19

Fluoranthene

Concen: 0.402 ng/ul

RT: 19.403 min Scan# 3562

Delta R.T. -0.005 min

Lab File: BM040269.D

Acq: 15 Jun 2023 21:08

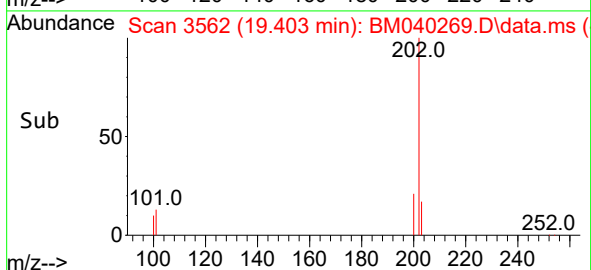
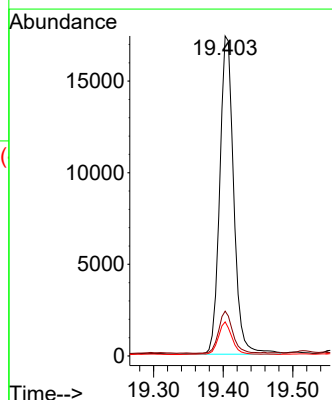
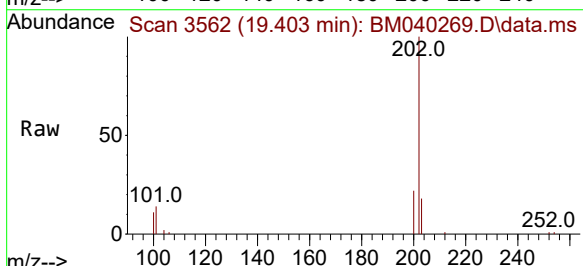
Tgt Ion:202 Resp: 24297

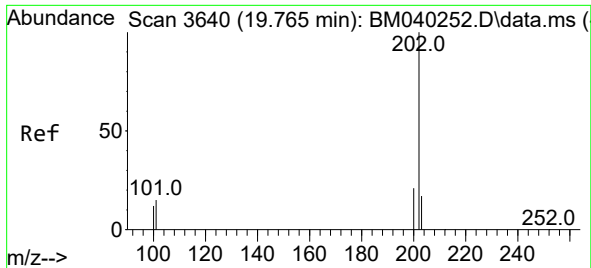
Ion Ratio Lower Upper

202 100

101 14.0 10.2 15.4

100 10.7 7.6 11.4

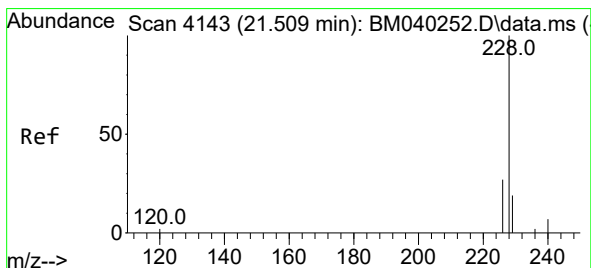
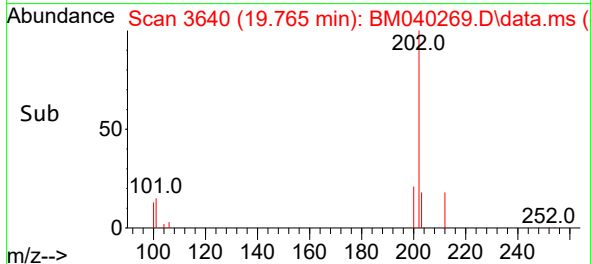
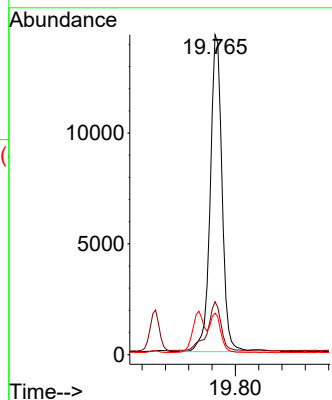
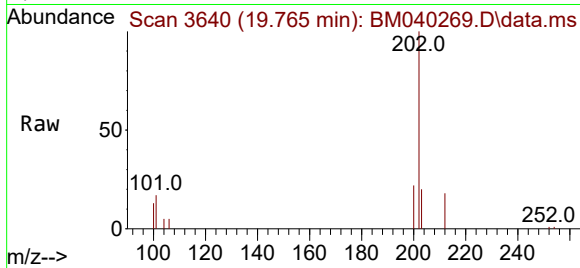




#20
 Pyrene
 Concen: 0.323 ng/ul
 RT: 19.765 min Scan# 3640
 Delta R.T. -0.005 min
 Lab File: BM040269.D
 Acq: 15 Jun 2023 21:08

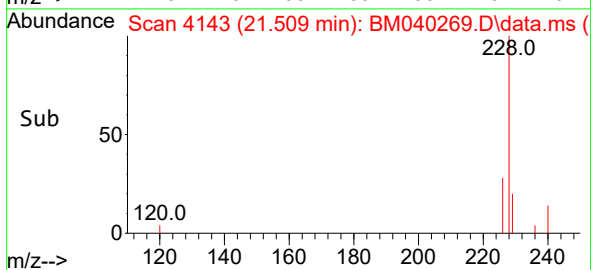
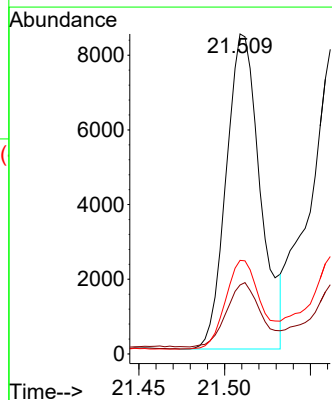
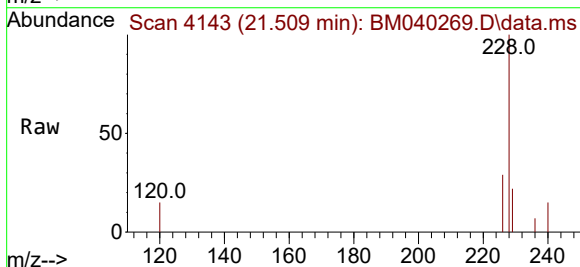
Instrument :
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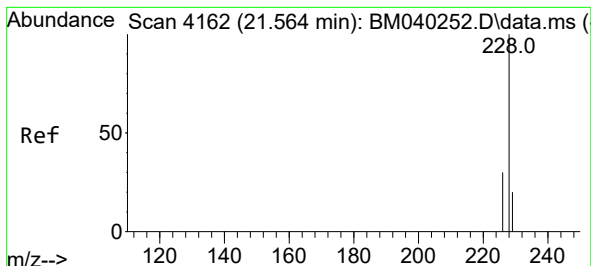
Tgt Ion:	202	Resp:	20307
Ion Ratio	Lower	Upper	
202	100		
101	16.5	11.8	17.8
100	13.0	9.3	13.9



#21
 Benzo(a)anthracene
 Concen: 0.222 ng/ul
 RT: 21.509 min Scan# 4143
 Delta R.T. -0.006 min
 Lab File: BM040269.D
 Acq: 15 Jun 2023 21:08

Tgt Ion:	228	Resp:	11653
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.8	23.8
226	29.3	22.0	33.0





#22

Chrysene

Concen: 0.250 ng/ul

RT: 21.564 min Scan# 4162

Delta R.T. -0.006 min

Lab File: BM040269.D

Acq: 15 Jun 2023 21:08

Instrument :

BNA_M

ClientSampleId :

DCFQ9DL

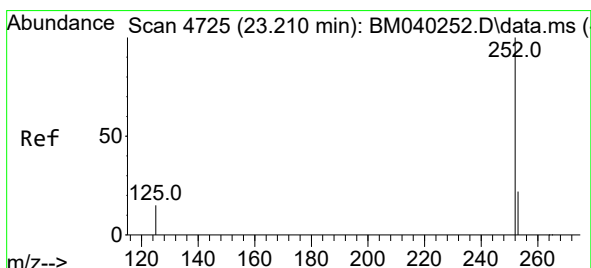
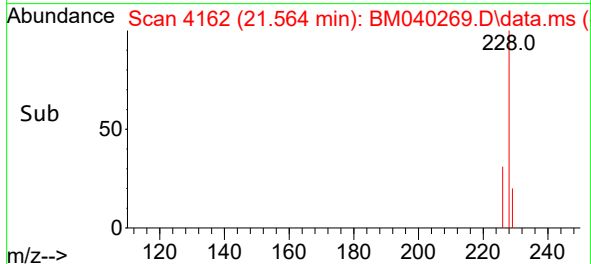
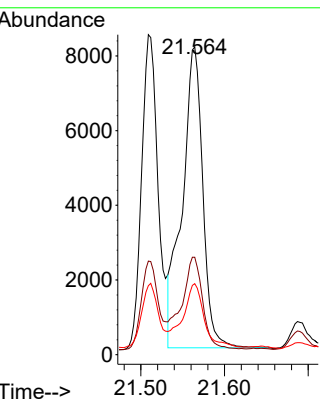
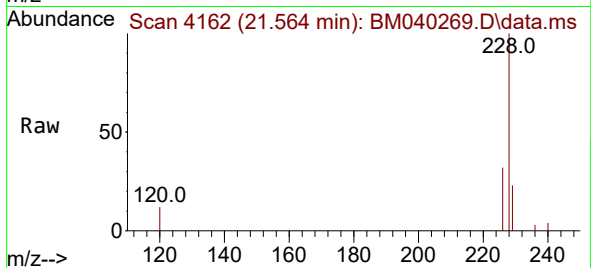
Tgt Ion:228 Resp: 13839

Ion Ratio Lower Upper

228 100

226 31.7 24.3 36.5

229 23.1 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.344 ng/ul

RT: 23.210 min Scan# 4725

Delta R.T. -0.006 min

Lab File: BM040269.D

Acq: 15 Jun 2023 21:08

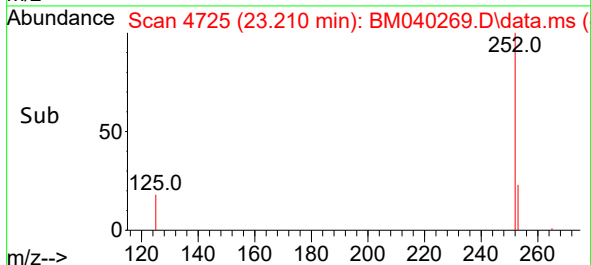
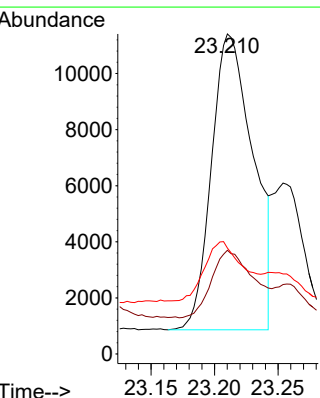
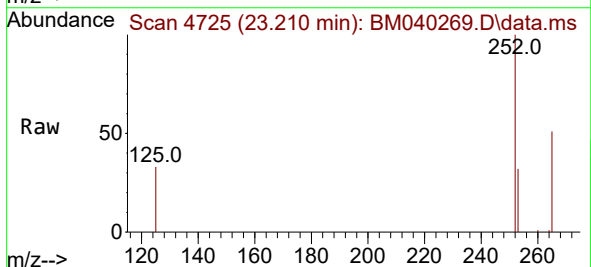
Tgt Ion:252 Resp: 24063

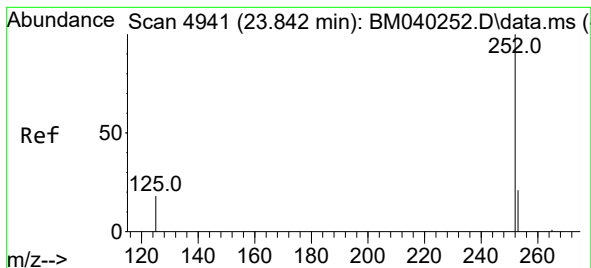
Ion Ratio Lower Upper

252 100

253 32.4 0.0 52.4

125 33.1 0.0 38.4





#26

Benzo(a)pyrene

Concen: 0.176 ng/ul

RT: 23.842 min Scan# 4941

Delta R.T. -0.009 min

Lab File: BM040269.D

Acq: 15 Jun 2023 21:08

Instrument :

BNA_M

ClientSampleId :

DCFQ9DL

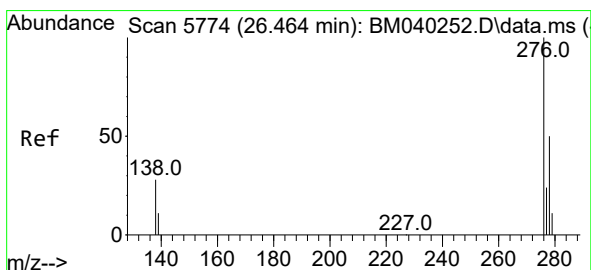
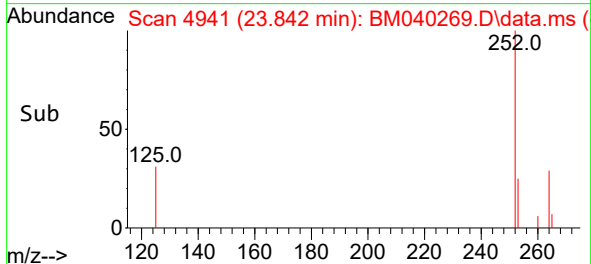
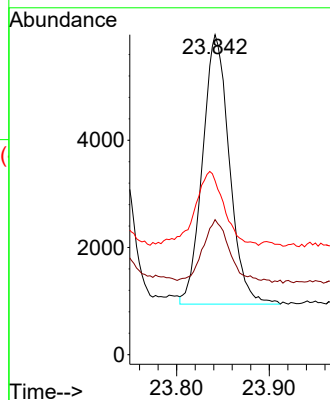
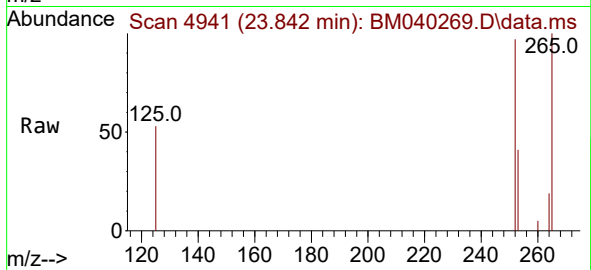
Tgt Ion:252 Resp: 10112

Ion Ratio Lower Upper

252 100

253 42.2 23.4 35.0#

125 54.3 19.7 29.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.142 ng/ul

RT: 26.464 min Scan# 5774

Delta R.T. -0.013 min

Lab File: BM040269.D

Acq: 15 Jun 2023 21:08

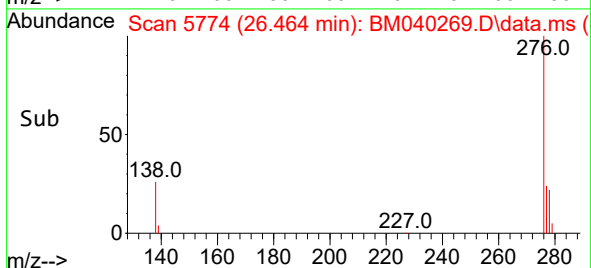
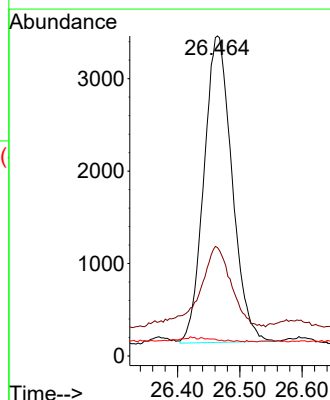
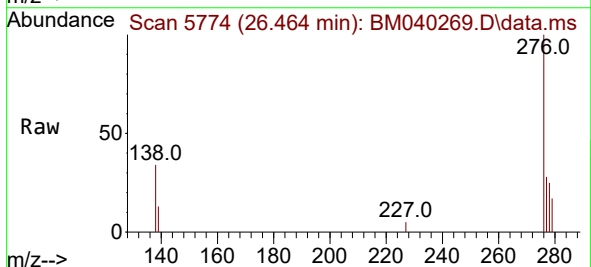
Tgt Ion:276 Resp: 10364

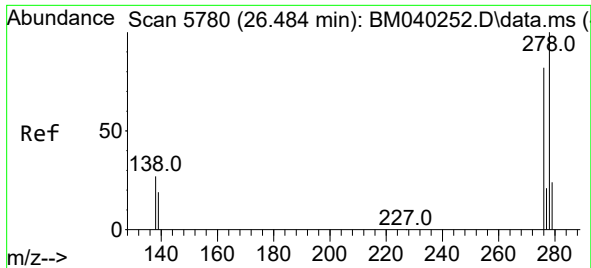
Ion Ratio Lower Upper

276 100

138 29.2 23.3 34.9

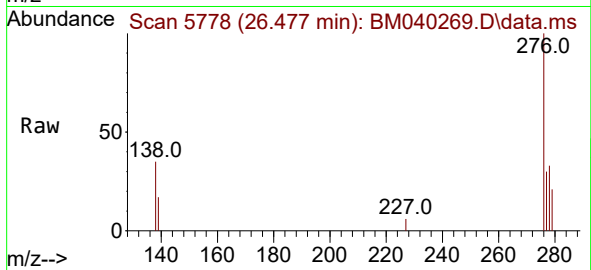
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.052 ng/ul
 RT: 26.477 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM040269.D
 Acq: 15 Jun 2023 21:08

Instrument :
 BNA_M
 ClientSampleId :
 DCFQ9DL



Tgt Ion:278 Resp: 3023
 Ion Ratio Lower Upper
 278 100
 139 50.7 16.4 24.6#
 279 63.4 21.8 32.8#

