

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042209.D
 Acq On : 05 Oct 2023 09:31
 Operator : MA/JU
 Sample : PB155938BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK938

Quant Time: Oct 06 05:26:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:25:26 2023
 Response via : Initial Calibration

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

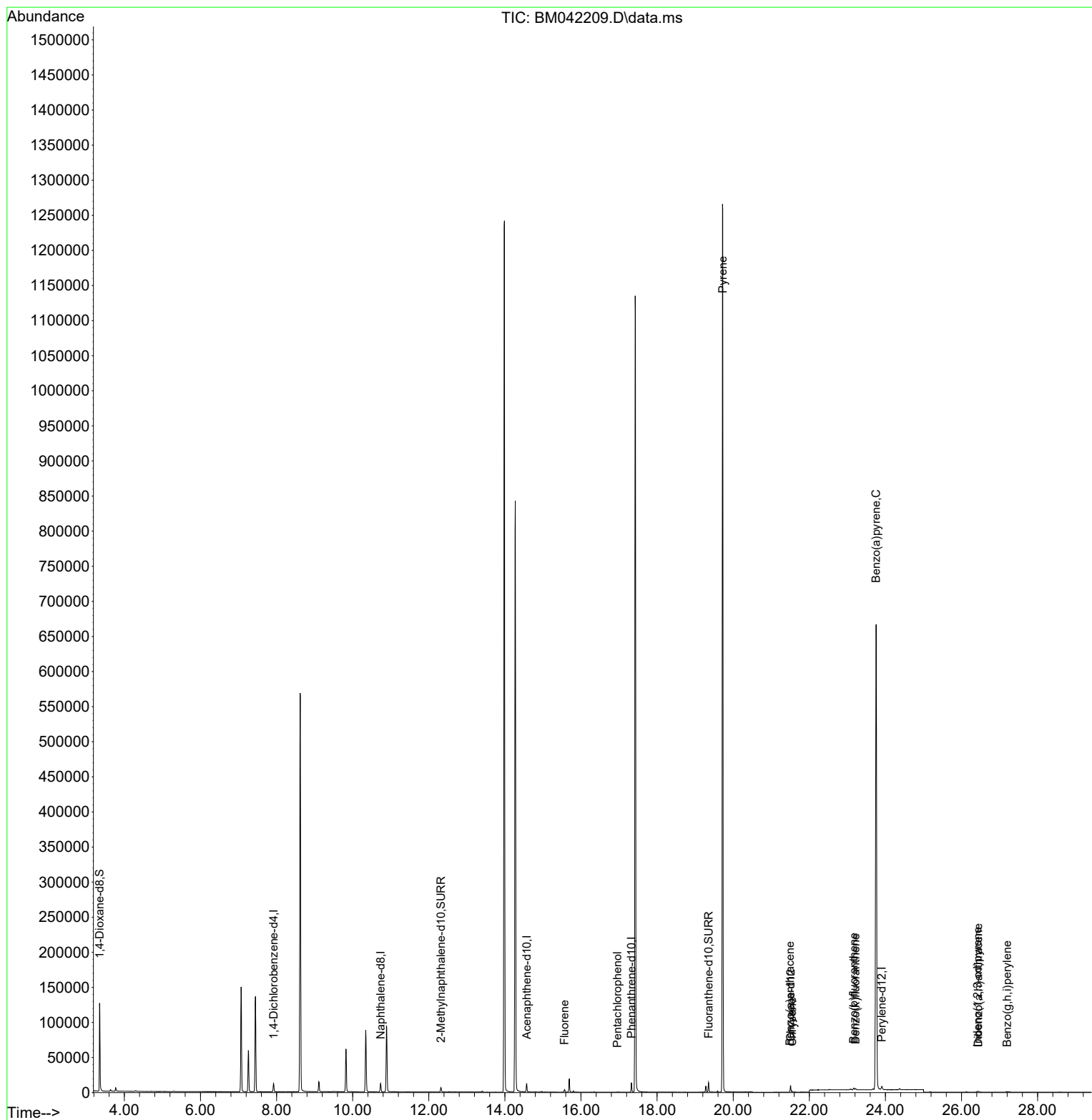
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	5810	0.400	ng/ul	0.00
4) Naphthalene-d8	10.735	136	14987	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.573	164	6133	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.329	188	13196	0.400	ng/ul	-0.01
17) Chrysene-d12	21.509	240	6576	0.400	ng/ul	0.00
23) Perylene-d12	23.906	264	6787	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.351	96	66130	8.547	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.319	152	8089	0.394	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	10949	0.443	ng/ul	0.00
Target Compounds						
					Qvalue	
12) Fluorene	15.568	166	3223	0.098	ng/ul#	14
14) Pentachlorophenol	16.957	266	138	0.023	ng/ul#	78
20) Pyrene	19.724	202	2943	0.055	ng/ul#	1
21) Benzo(a)anthracene	21.492	228	1138	0.027	ng/ul#	92
22) Chrysene	21.544	228	1330	0.032	ng/ul#	92
24) Benzo(b)fluoranthene	23.167	252	3306	0.083	ng/ul	67
25) Benzo(k)fluoranthene	23.213	252	2498	0.063	ng/ul#	53
26) Benzo(a)pyrene	23.754	252	6120	0.177	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.421	276	2193	0.045	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.441	278	1353	0.037	ng/ul#	39
29) Benzo(g,h,i)perylene	27.196	276	2041	0.050	ng/ul#	72

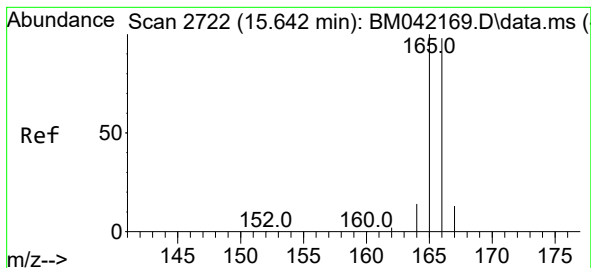
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Fluorene

Concen: 0.098 ng/ul

RT: 15.568 min Scan# 21

Delta R.T. -0.069 min

Lab File: BM042209.D

Acq: 05 Oct 2023 09:31

Instrument :

BNA_M

ClientSampleId :

SBLK938

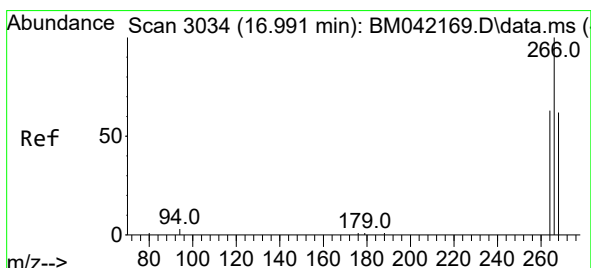
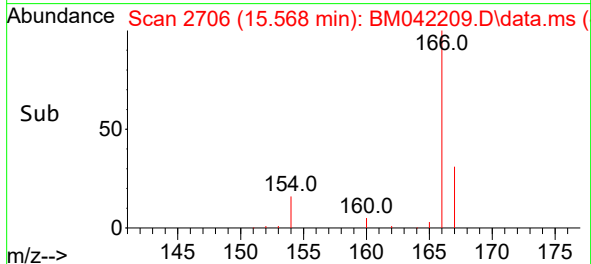
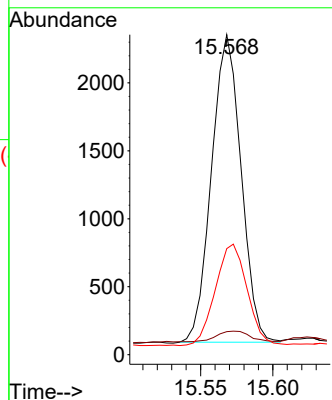
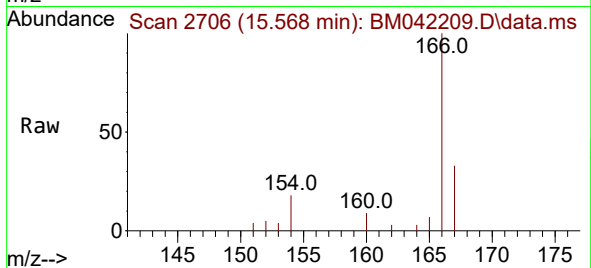
Tgt Ion:166 Resp: 3223

Ion Ratio Lower Upper

166 100

165 7.2 78.4 117.6#

167 33.1 11.5 17.3#



#14

Pentachlorophenol

Concen: 0.023 ng/ul

RT: 16.957 min Scan# 3026

Delta R.T. -0.017 min

Lab File: BM042209.D

Acq: 05 Oct 2023 09:31

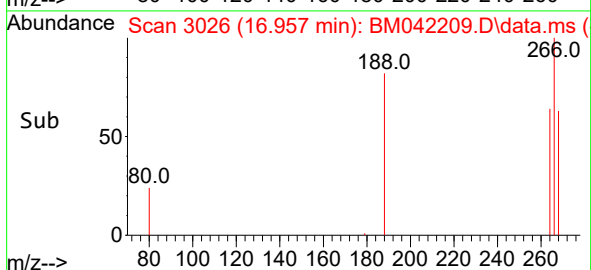
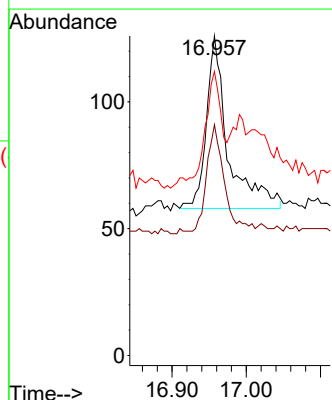
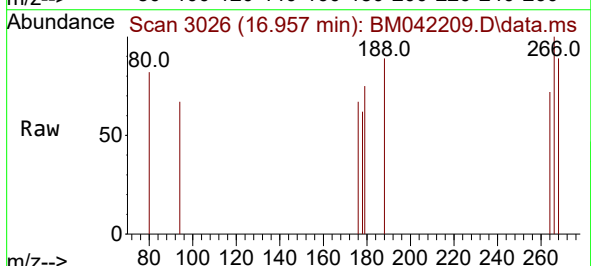
Tgt Ion:266 Resp: 138

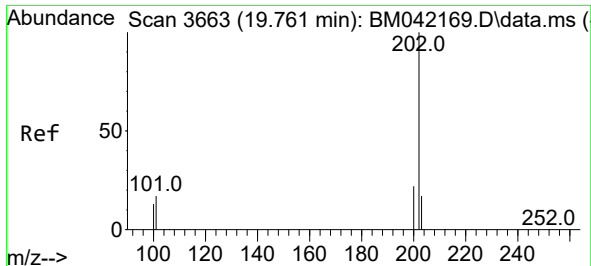
Ion Ratio Lower Upper

266 100

264 49.3 51.1 76.7#

268 44.9 52.1 78.1#

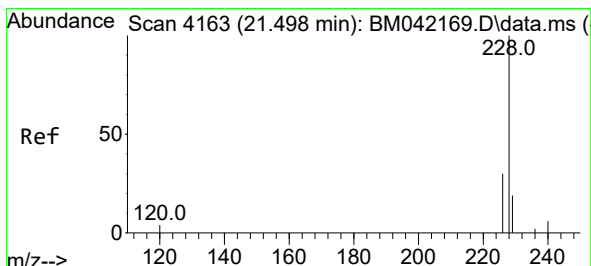
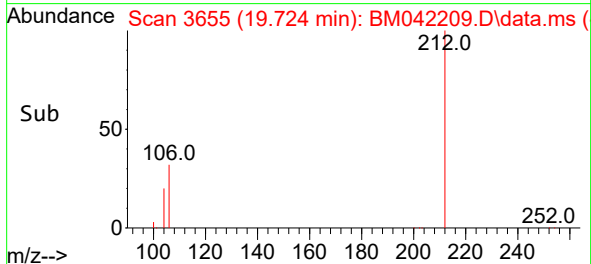
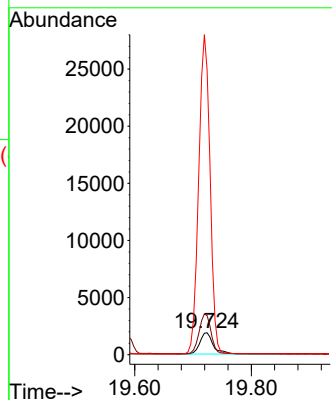
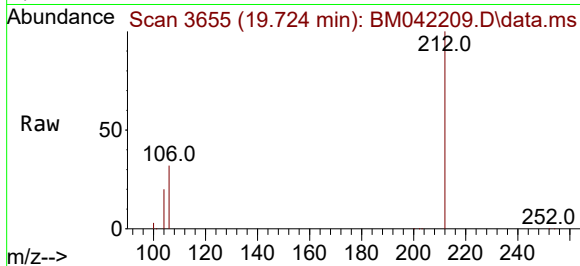




#20
Pyrene
Concen: 0.055 ng/ul
RT: 19.724 min Scan# 3663
Delta R.T. -0.028 min
Lab File: BM042209.D
Acq: 05 Oct 2023 09:31

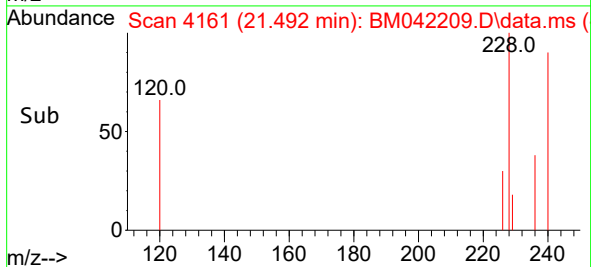
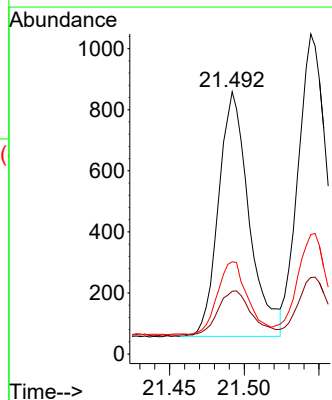
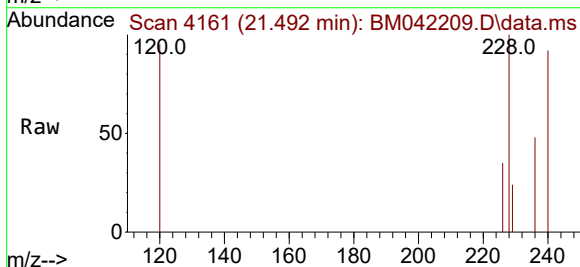
Instrument :
BNA_M
ClientSampleId :
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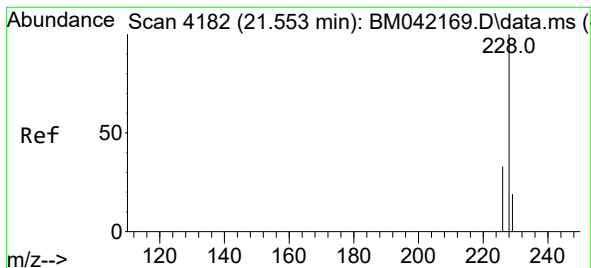
Tgt Ion:202 Resp: 2943
Ion Ratio Lower Upper
202 100
101 178.8 12.7 19.1#
100 1304.8 9.9 14.9#



#21
Benzo(a)anthracene
Concen: 0.027 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. 0.000 min
Lab File: BM042209.D
Acq: 05 Oct 2023 09:31

Tgt Ion:228 Resp: 1138
Ion Ratio Lower Upper
228 100
229 24.0 15.8 23.8#
226 35.2 24.6 37.0





#22

Chrysene

Concen: 0.032 ng/ul

RT: 21.544 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM042209.D

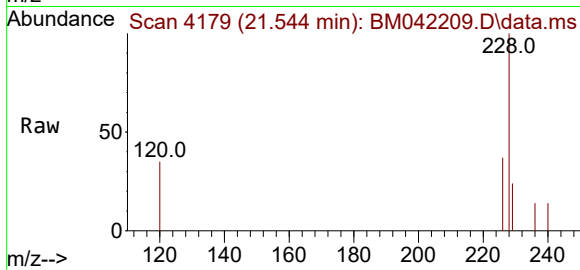
Acq: 05 Oct 2023 09:31

Instrument :

BNA_M

ClientSampleId :

SBLK938



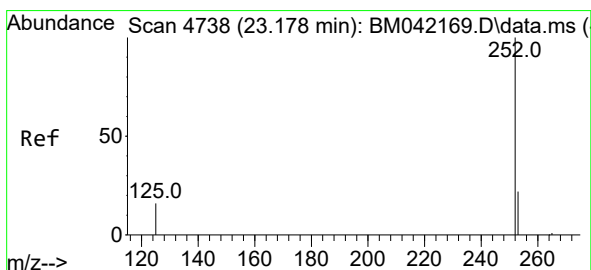
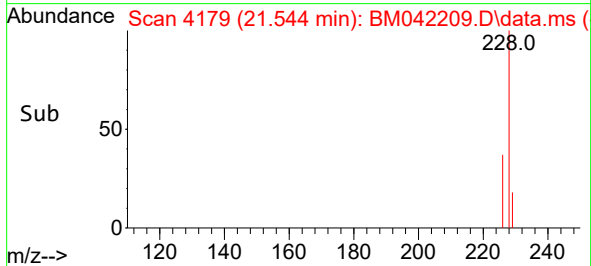
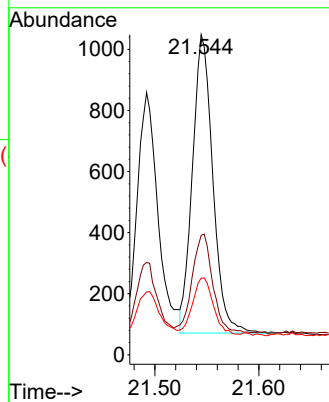
Tgt Ion:228 Resp: 1330

Ion Ratio Lower Upper

228 100

226 37.3 26.7 40.1

229 24.0 15.8 23.8#



#24

Benzo(b)fluoranthene

Concen: 0.083 ng/ul

RT: 23.167 min Scan# 4734

Delta R.T. -0.003 min

Lab File: BM042209.D

Acq: 05 Oct 2023 09:31

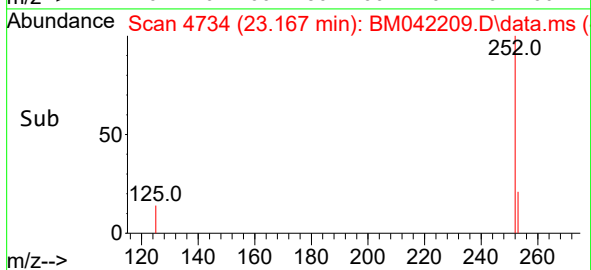
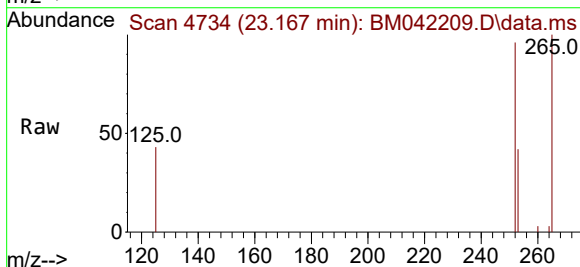
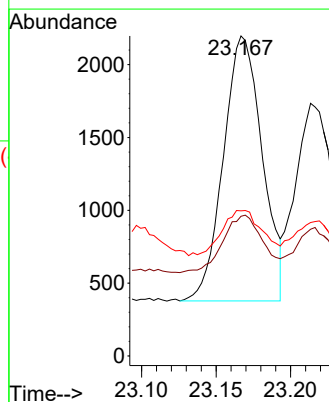
Tgt Ion:252 Resp: 3306

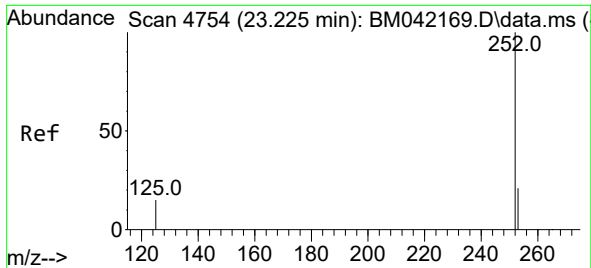
Ion Ratio Lower Upper

252 100

253 43.7 0.0 59.0

125 45.3 0.0 49.6

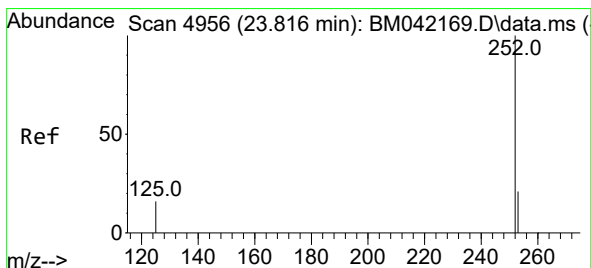
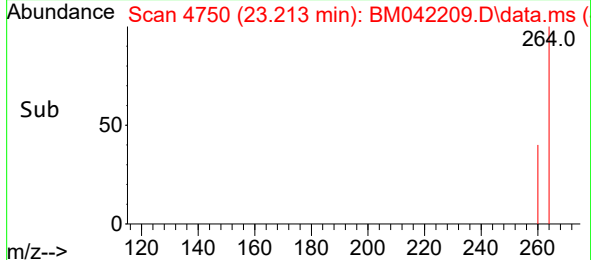
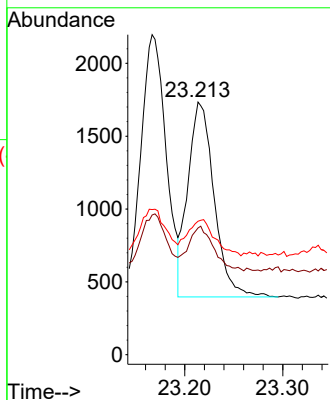
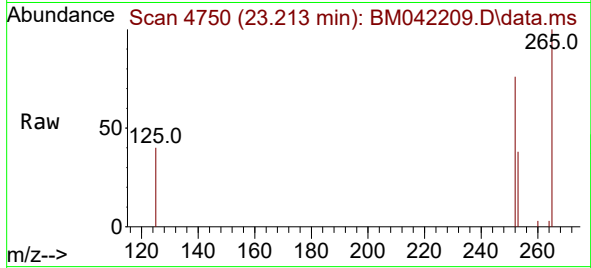




#25
Benzo(k)fluoranthene
Concen: 0.063 ng/ul
RT: 23.213 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM042209.D
Acq: 05 Oct 2023 09:31

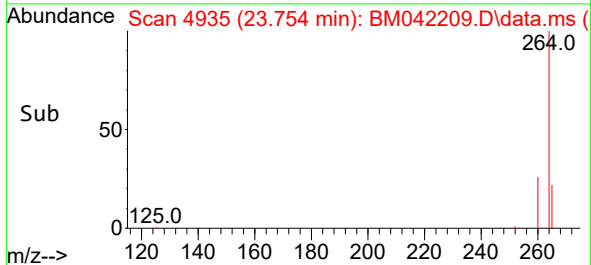
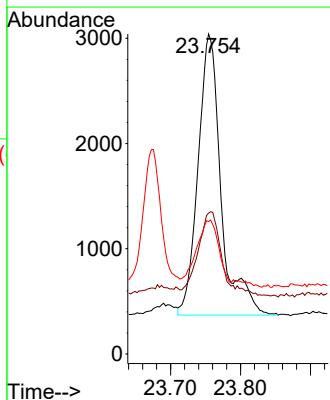
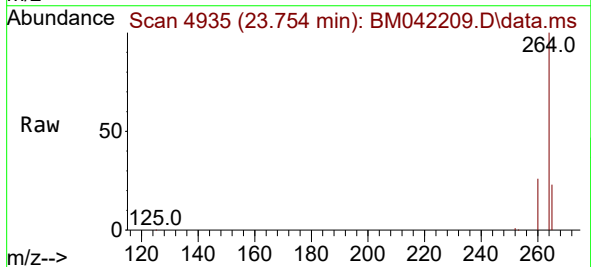
Instrument :
BNA_M
ClientSampleId :
SBLK938

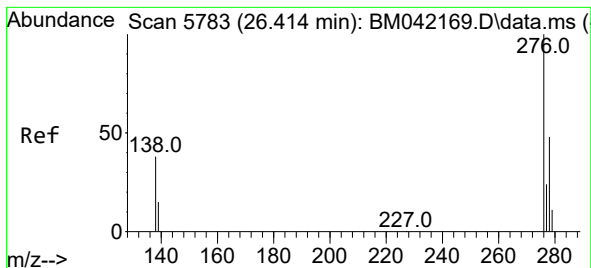
Tgt Ion:252 Resp: 2498
Ion Ratio Lower Upper
252 100
253 50.1 23.4 35.0#
125 52.8 19.9 29.9#



#26
Benzo(a)pyrene
Concen: 0.177 ng/ul
RT: 23.754 min Scan# 4935
Delta R.T. -0.053 min
Lab File: BM042209.D
Acq: 05 Oct 2023 09:31

Tgt Ion:252 Resp: 6120
Ion Ratio Lower Upper
252 100
253 44.1 25.3 37.9#
125 41.4 23.2 34.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.045 ng/ul

RT: 26.421 min Scan# 5

Delta R.T. 0.017 min

Lab File: BM042209.D

Acq: 05 Oct 2023 09:31

Instrument :

BNA_M

ClientSampleId :

SBLK938

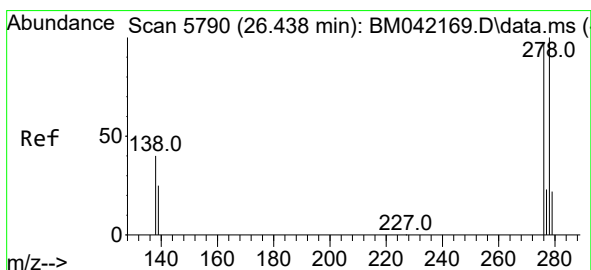
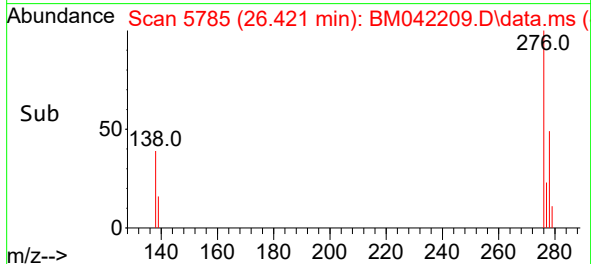
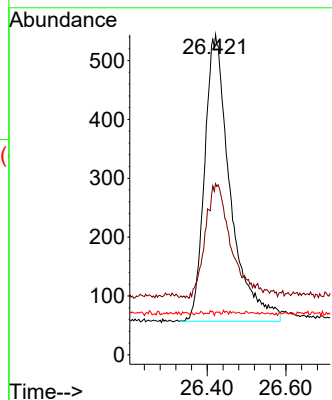
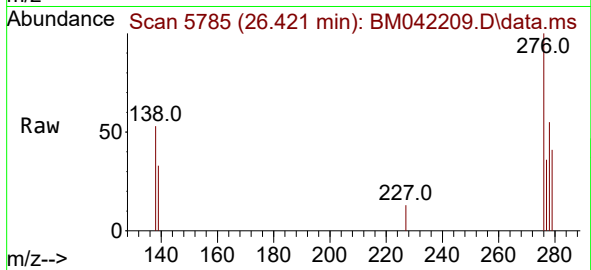
Tgt Ion:276 Resp: 2193

Ion Ratio Lower Upper

276 100

138 40.6 26.7 40.1#

227 0.2 0.2 0.2



#28

Dibenzo(a,h)anthracene

Concen: 0.037 ng/ul

RT: 26.441 min Scan# 5791

Delta R.T. 0.017 min

Lab File: BM042209.D

Acq: 05 Oct 2023 09:31

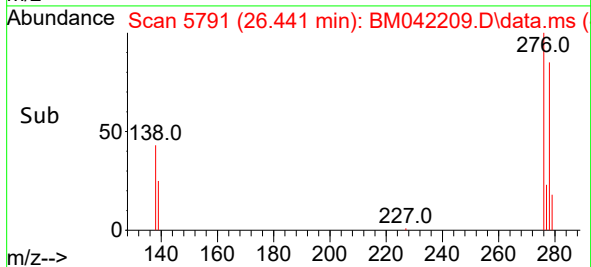
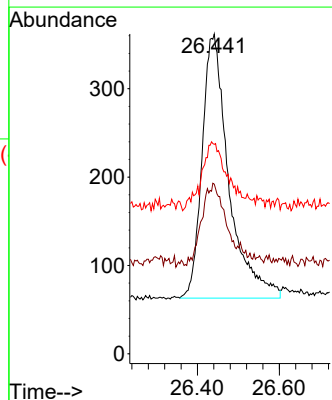
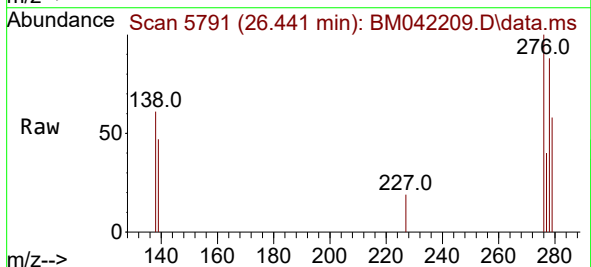
Tgt Ion:278 Resp: 1353

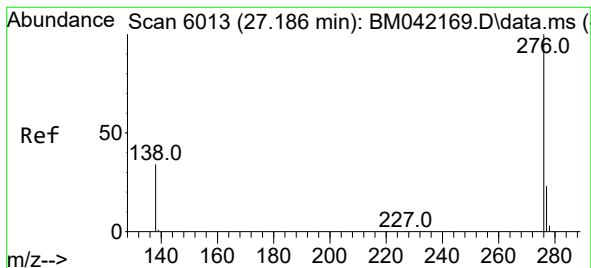
Ion Ratio Lower Upper

278 100

139 53.0 21.7 32.5#

279 65.5 22.4 33.6#





#29

Benzo(g,h,i)perylene

Concen: 0.050 ng/ul

RT: 27.196 min Scan# 6016

Delta R.T. 0.020 min

Lab File: BM042209.D

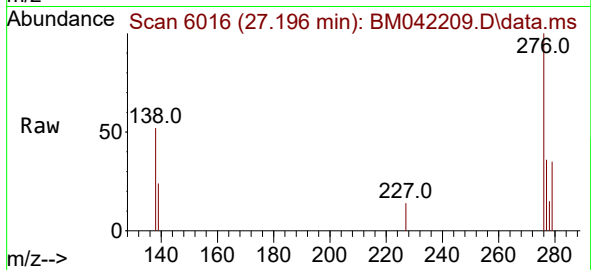
Acq: 05 Oct 2023 09:31

Instrument :

BNA_M

ClientSampleId :

SBLK938



Tgt Ion:276 Resp: 2041

Ion Ratio Lower Upper

276 100

138 51.6 26.8 40.2#

277 36.2 20.1 30.1#

