

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
 Data File : BM047106.D
 Acq On : 09 Aug 2024 04:51
 Operator : RC/JU
 Sample : P3434-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E05X0

Quant Time: Aug 09 05:39:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 01:30:34 2024
 Response via : Initial Calibration

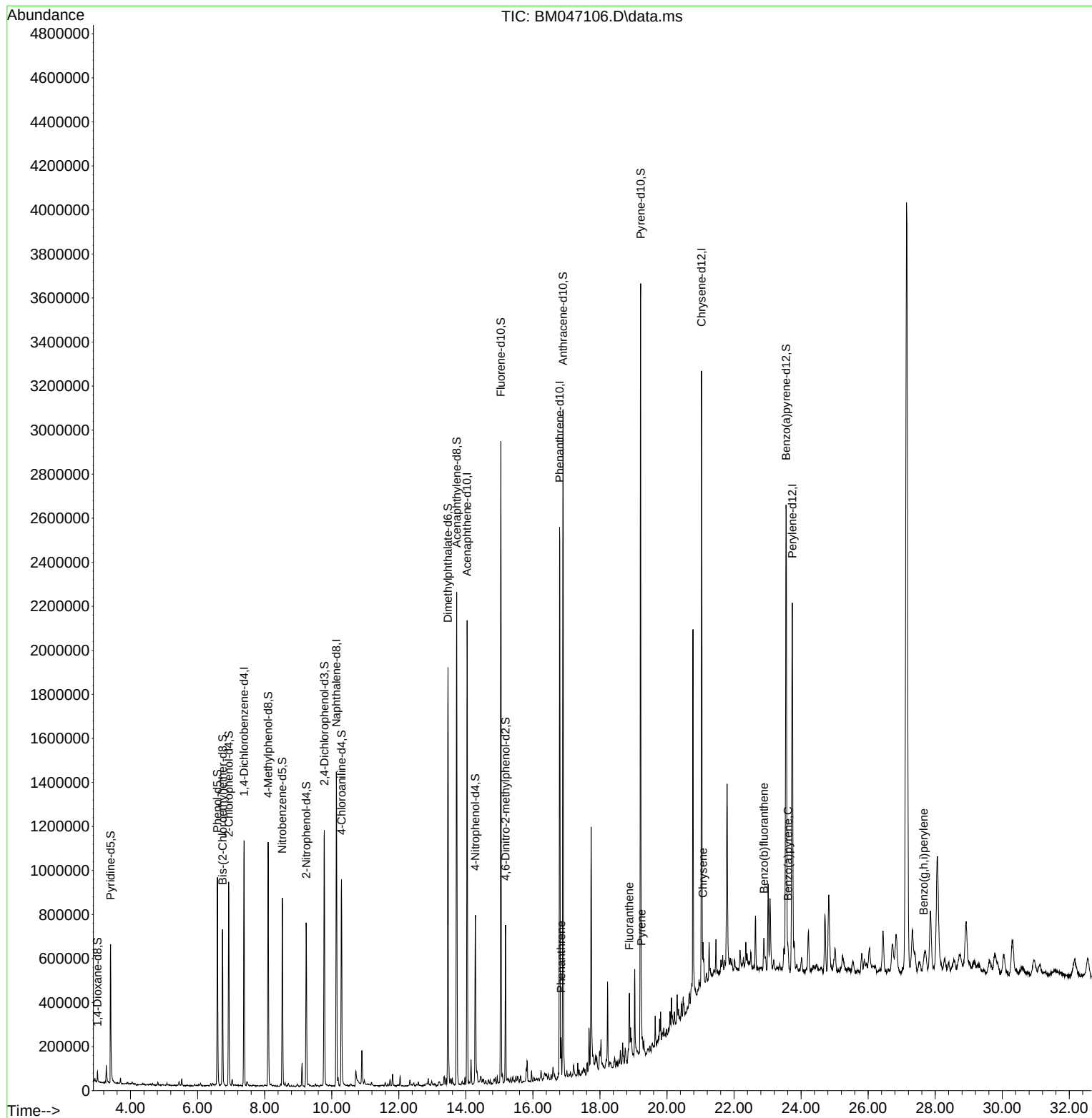
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	289821	20.000	ng/u1	0.00
20) Naphthalene-d8	10.139	136	1115480	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.039	164	711559	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.798	188	1462181	20.000	ng/u1	0.00
79) Chrysene-d12	21.033	240	1292605	20.000	ng/u1	0.00
88) Perylene-d12	23.738	264	1449417	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	22243	3.041	ng/uL	0.00
4) Pyridine-d5	3.405	84	341047	17.091	ng/u1	0.00
7) Phenol-d5	6.593	99	507690	23.060	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.745	67	306811	21.180	ng/u1	0.00
11) 2-Chlorophenol-d4	6.928	132	398795	21.384	ng/u1	0.00
15) 4-Methylphenol-d8	8.104	113	394515	22.620	ng/u1	0.00
21) Nitrobenzene-d5	8.528	128	200894	22.444	ng/u1	0.00
24) 2-Nitrophenol-d4	9.239	143	226218	23.142	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	429905	22.907	ng/u1	0.00
31) 4-Chloroaniline-d4	10.292	131	497193	20.158	ng/u1	0.00
46) Dimethylphthalate-d6	13.469	166	1226965	22.552	ng/u1	0.00
49) Acenaphthylene-d8	13.727	160	1465109	24.125	ng/u1	0.00
54) 4-Nitrophenol-d4	14.286	143	178719	16.989	ng/u1	0.00
60) Fluorene-d10	15.045	176	1095464	23.537	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	142309	15.405	ng/u1	0.00
73) Anthracene-d10	16.898	188	1648721	23.785	ng/u1	0.00
81) Pyrene-d10	19.215	212	1835721	24.809	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.550	264	1876308	24.584	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	16.839	178	105545	1.288	ng/u1	99
80) Fluoranthene	18.874	202	147789	1.671	ng/u1#	94
82) Pyrene	19.239	202	153064	1.624	ng/u1	95
87) Chrysene	21.074	228	121455	1.349	ng/u1	97
90) Benzo(b)fluoranthene	22.891	252	150037	1.673	ng/u1#	95
93) Benzo(a)pyrene	23.609	252	92084	1.102	ng/u1#	95
96) Benzo(g,h,i)perylene	27.656	276	87402	1.034	ng/u1#	93

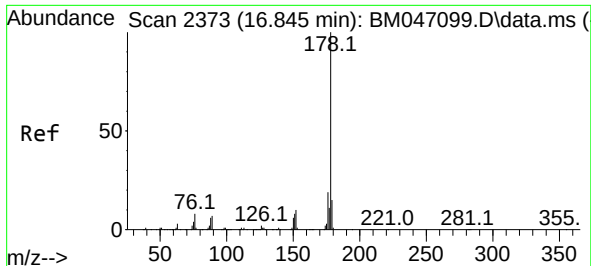
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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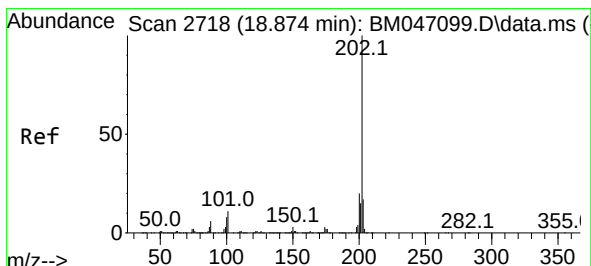
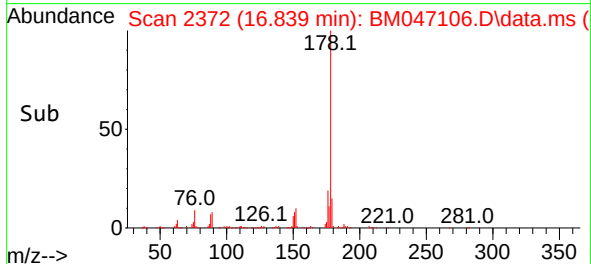
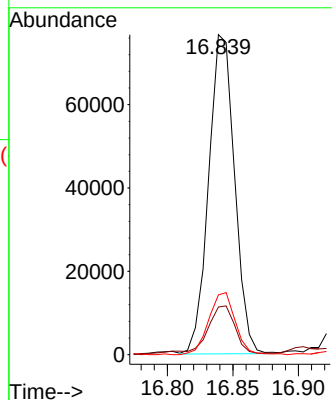
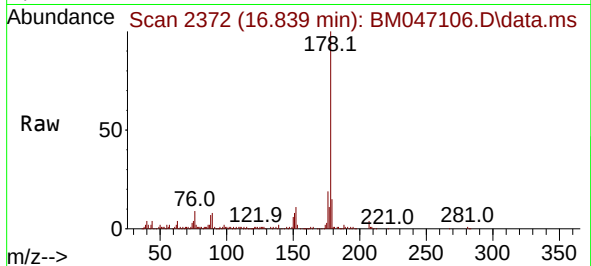




#72
Phenanthrene
Concen: 1.288 ng/ul
RT: 16.839 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047106.D
Acq: 09 Aug 2024 04:51

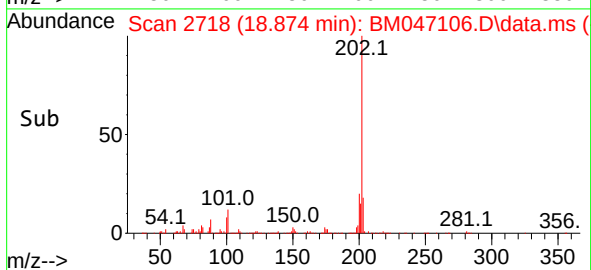
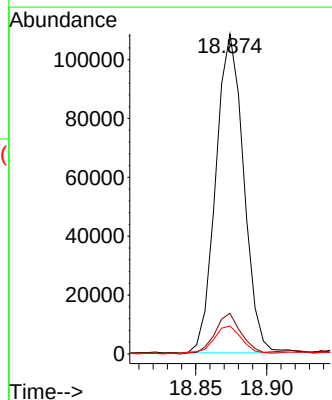
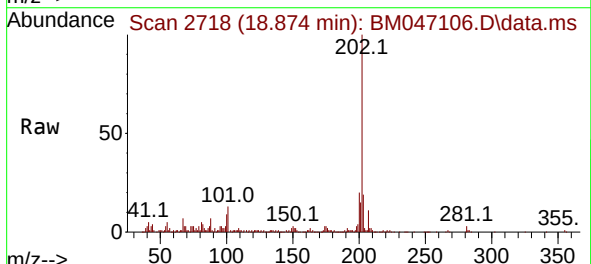
Instrument :
BNA_M
ClientSampleId :
E05X0

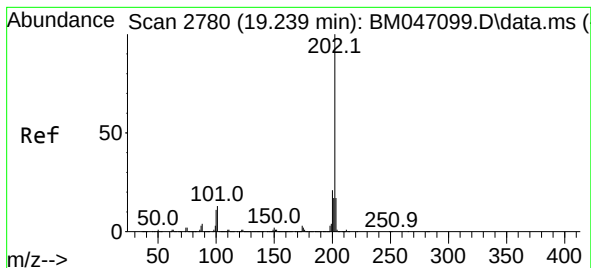
Tgt Ion:178 Resp: 105545
Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 18.7 15.3 22.9



#80
Fluoranthene
Concen: 1.671 ng/ul
RT: 18.874 min Scan# 2718
Delta R.T. -0.000 min
Lab File: BM047106.D
Acq: 09 Aug 2024 04:51

Tgt Ion:202 Resp: 147789
Ion Ratio Lower Upper
202 100
101 12.7 7.8 11.6#
100 8.7 5.9 8.9





#82

Pyrene

Concen: 1.624 ng/ul

RT: 19.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047106.D

Acq: 09 Aug 2024 04:51

Instrument :

BNA_M

ClientSampleId :

E05X0

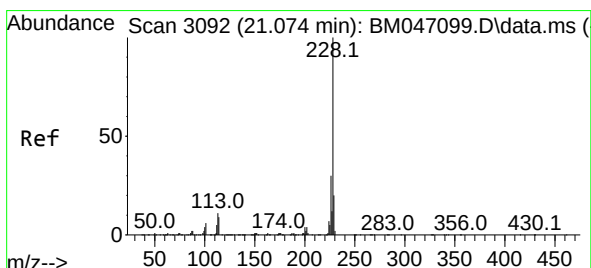
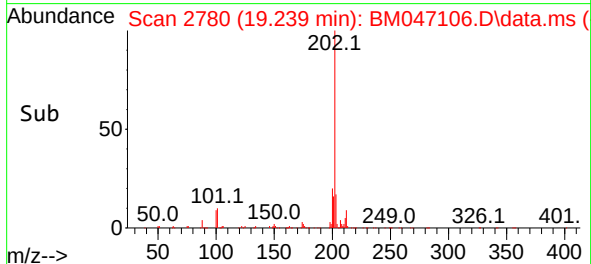
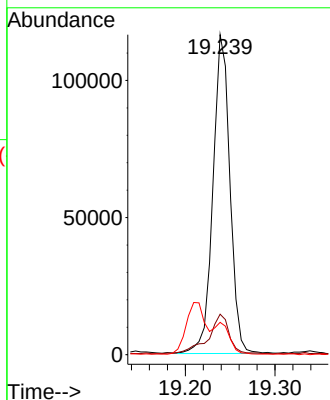
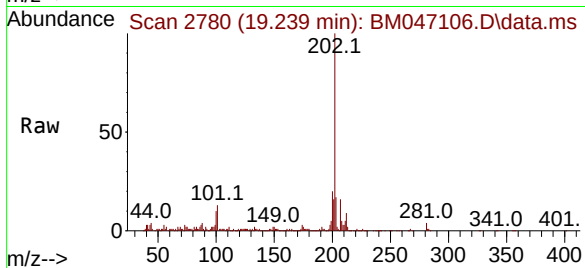
Tgt Ion:202 Resp: 153064

Ion Ratio Lower Upper

202 100

101 12.7 8.7 13.1

100 10.1 6.8 10.2



#87

Chrysene

Concen: 1.349 ng/ul

RT: 21.074 min Scan# 3092

Delta R.T. -0.000 min

Lab File: BM047106.D

Acq: 09 Aug 2024 04:51

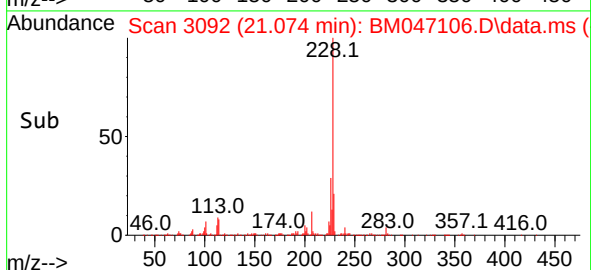
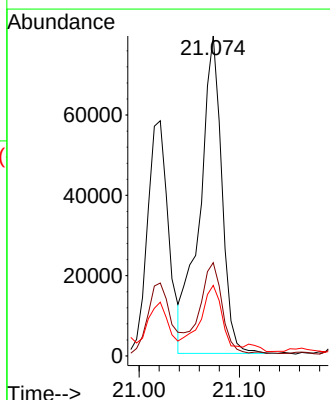
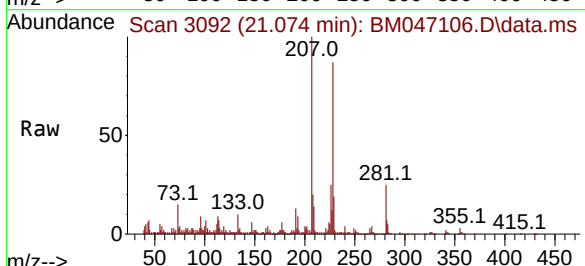
Tgt Ion:228 Resp: 121455

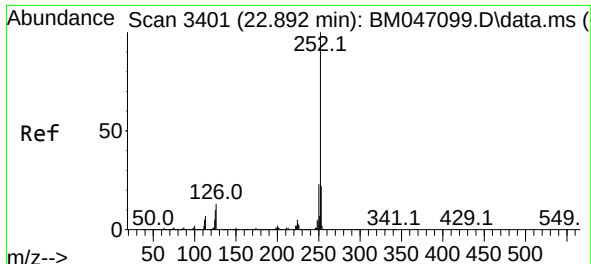
Ion Ratio Lower Upper

228 100

226 29.2 24.0 36.0

229 22.1 15.5 23.3

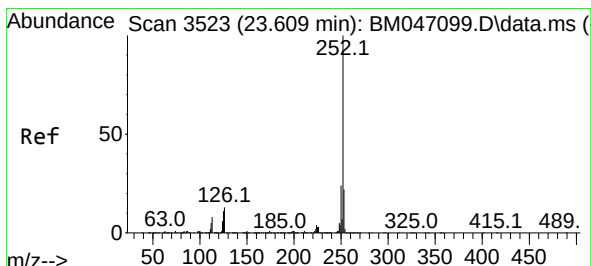
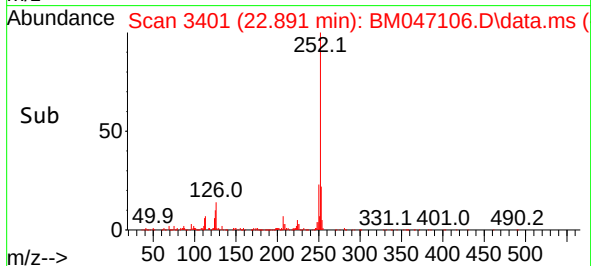
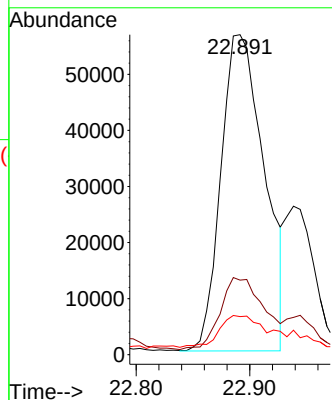
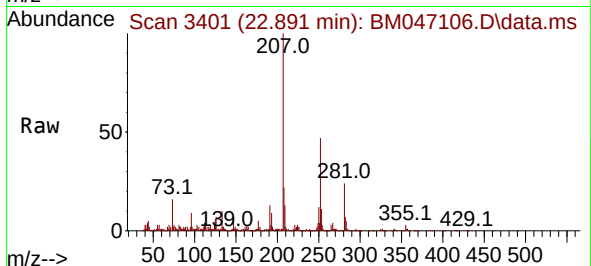




#90
Benzo(b)fluoranthene
Concen: 1.673 ng/ul
RT: 22.891 min Scan# 3401
Delta R.T. -0.000 min
Lab File: BM047106.D
Acq: 09 Aug 2024 04:51

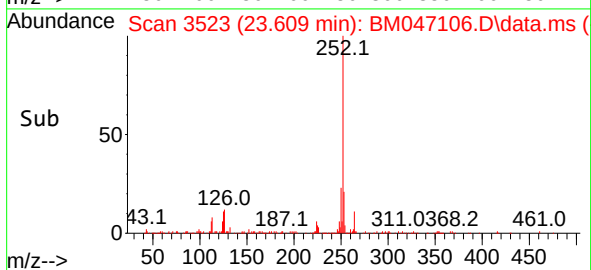
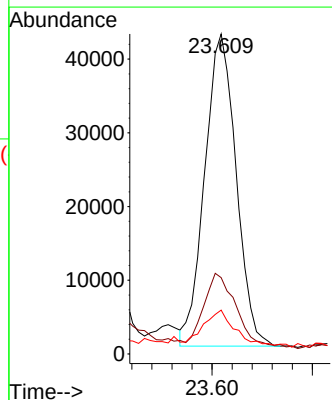
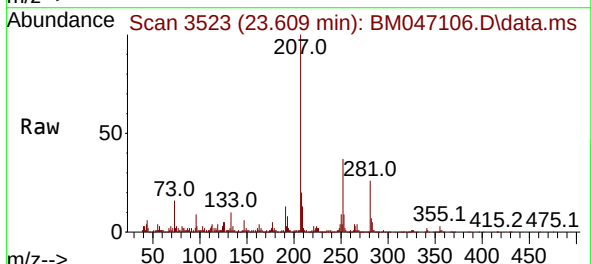
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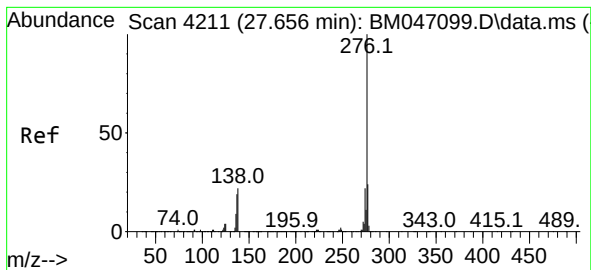
Tgt Ion:252 Resp: 150037
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 11.9 7.0 10.6#



#93
Benzo(a)pyrene
Concen: 1.102 ng/ul
RT: 23.609 min Scan# 3523
Delta R.T. -0.000 min
Lab File: BM047106.D
Acq: 09 Aug 2024 04:51

Tgt Ion:252 Resp: 92084
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.2
125 13.7 8.1 12.1#





#96

Benzo(g,h,i)perylene

Concen: 1.034 ng/ul

RT: 27.656 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM047106.D

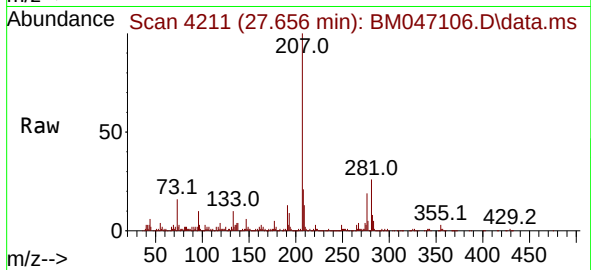
Acq: 09 Aug 2024 04:51

Instrument :

BNA_M

ClientSampleId :

E05X0



Tgt Ion:276 Resp: 87402

Ion Ratio Lower Upper

276 100

138 22.5 14.7 22.1#

277 26.0 18.6 27.8

