

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM042001.D
 Acq On : 22 Sep 2023 23:43
 Operator : MA/JU
 Sample : 04386-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

Quant Time: Sep 23 02:40:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

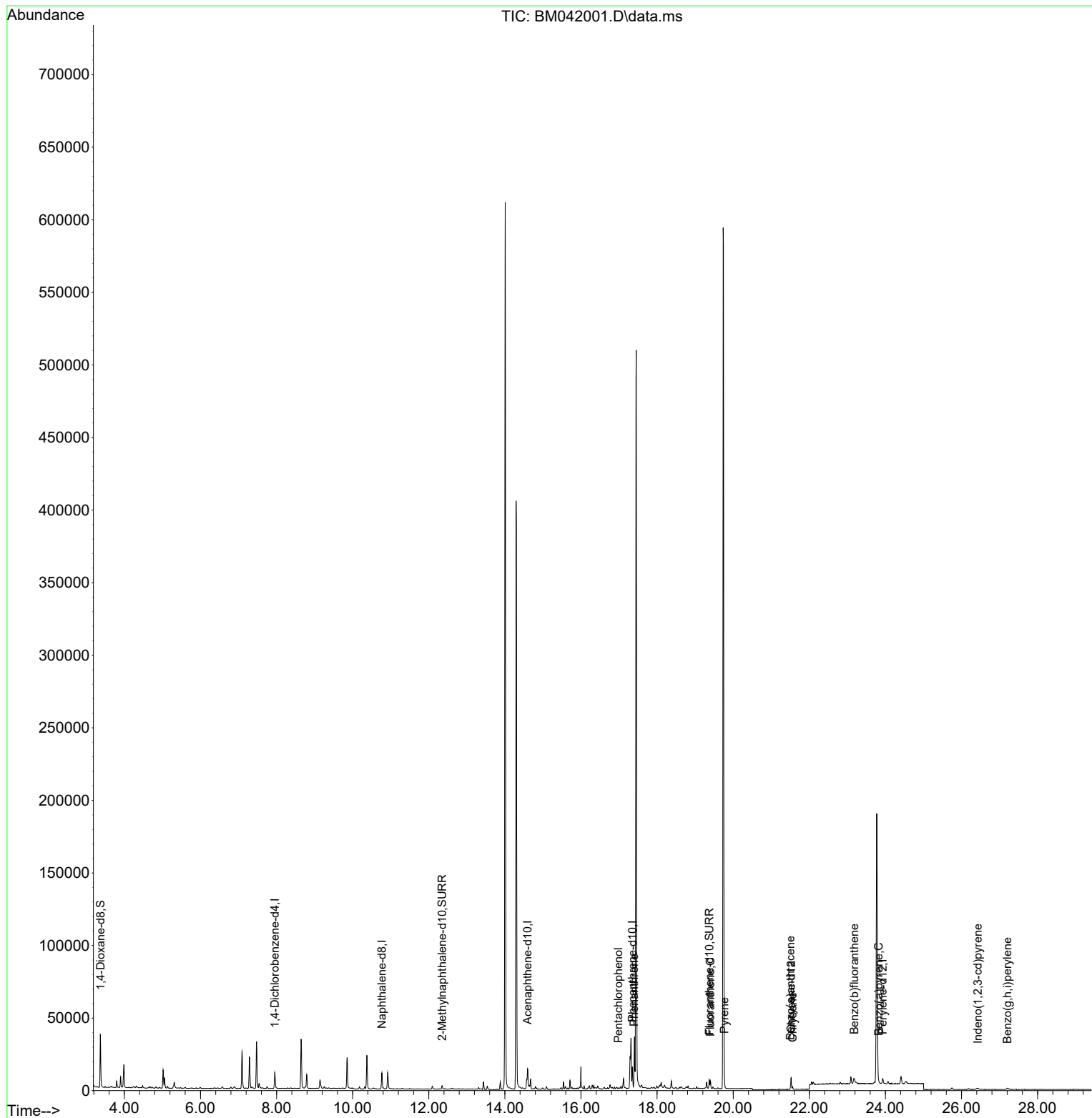
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	5353	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	14179	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	7300	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	14516	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	5696	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	4976	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	20970	2.875	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	2988	0.168	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	4854	0.207	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	16.978	266	218	0.028	ng/ul#	90
15) Phenanthrene	17.392	178	2106	0.031	ng/ul#	1
19) Fluoranthene	19.403	202	4153	0.065	ng/ul#	91
20) Pyrene	19.771	202	3676	0.058	ng/ul	95
21) Benzo(a)anthracene	21.507	228	1440	0.033	ng/ul#	89
22) Chrysene	21.559	228	1643	0.037	ng/ul#	91
24) Benzo(b)fluoranthene	23.184	252	2334	0.061	ng/ul#	1
26) Benzo(a)pyrene	23.825	252	1027	0.033	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.424	276	1120	0.026	ng/ul#	35
29) Benzo(g,h,i)perylene	27.206	276	1043	0.029	ng/ul#	8

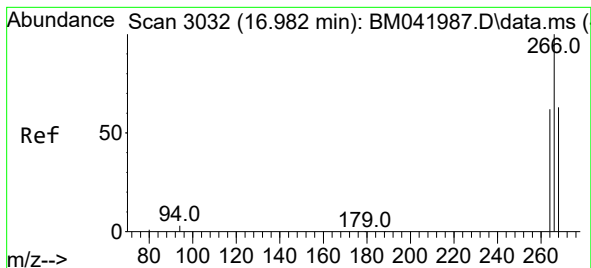
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Pentachlorophenol

Concen: 0.028 ng/ul

RT: 16.978 min Scan# 3032

Delta R.T. -0.004 min

Lab File: BM042001.D

Acq: 22 Sep 2023 23:43

Instrument :

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C0AF6

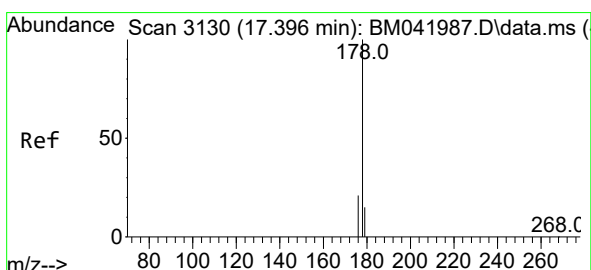
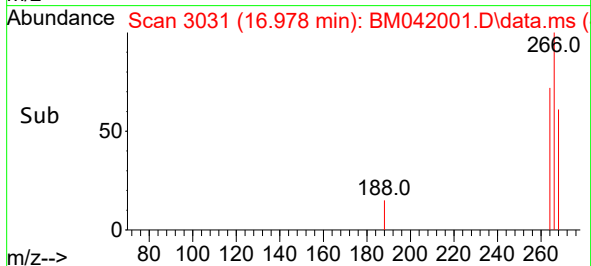
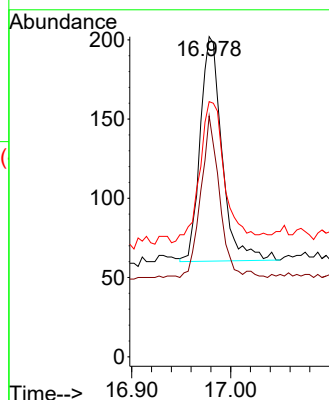
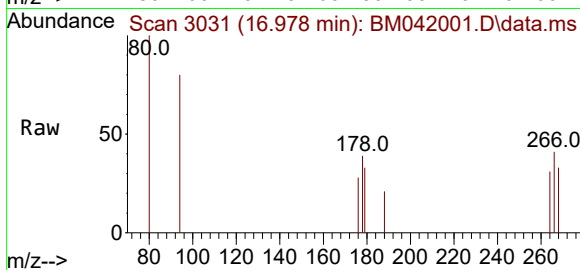
Tgt Ion:266 Resp: 218

Ion Ratio Lower Upper

266 100

264 61.0 50.2 75.4

268 77.1 51.0 76.4#



#15

Phenanthrene

Concen: 0.031 ng/ul

RT: 17.392 min Scan# 3129

Delta R.T. -0.004 min

Lab File: BM042001.D

Acq: 22 Sep 2023 23:43

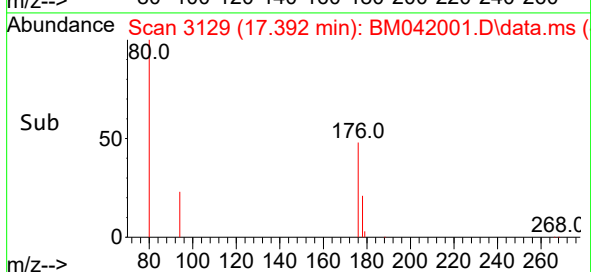
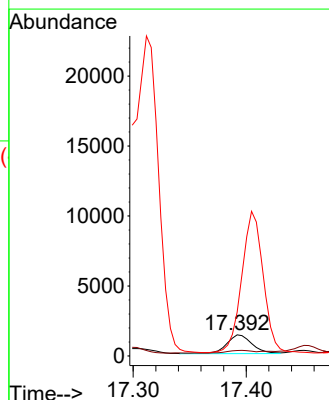
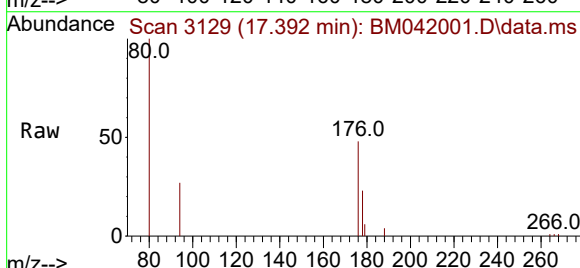
Tgt Ion:178 Resp: 2106

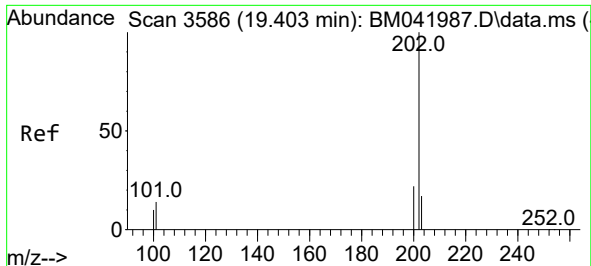
Ion Ratio Lower Upper

178 100

179 25.8 12.7 19.1#

176 207.7 16.6 24.8#

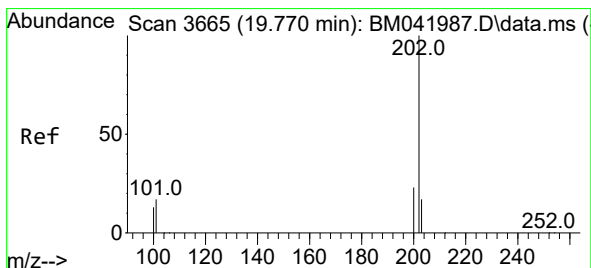
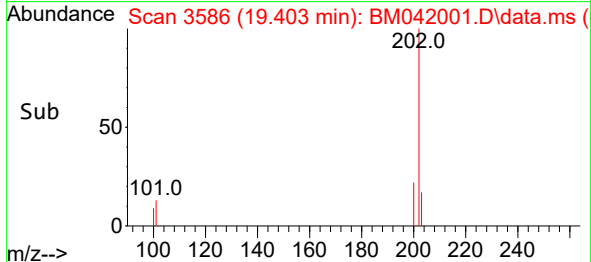
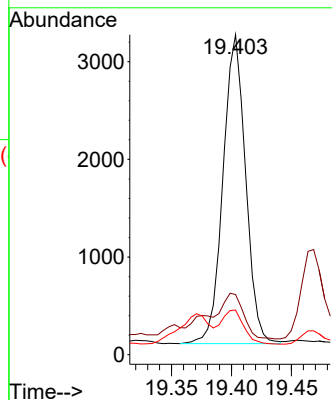
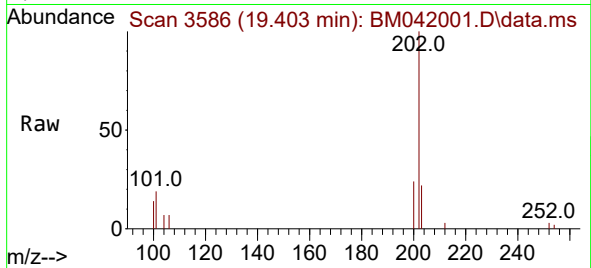




#19
Fluoranthene
Concen: 0.065 ng/u1
RT: 19.403 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BM042001.D
Acq: 22 Sep 2023 23:43

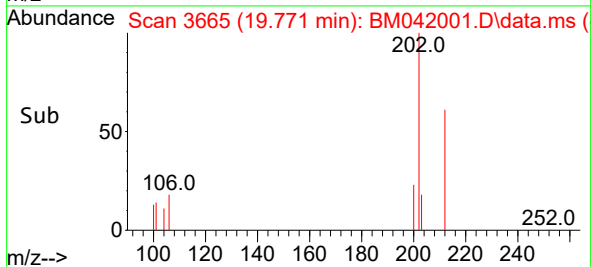
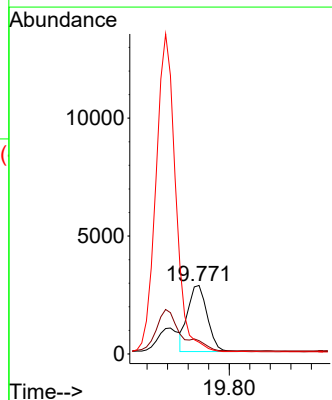
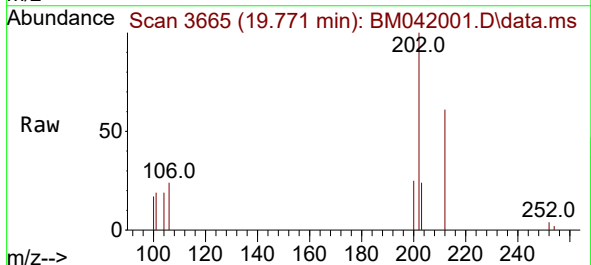
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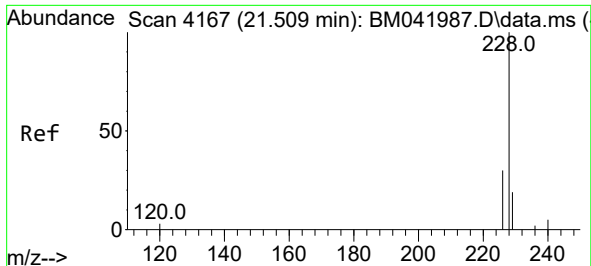
Tgt Ion:202 Resp: 4153
Ion Ratio Lower Upper
202 100
101 18.8 11.8 17.6#
100 13.9 9.1 13.7#



#20
Pyrene
Concen: 0.058 ng/u1
RT: 19.771 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BM042001.D
Acq: 22 Sep 2023 23:43

Tgt Ion:202 Resp: 3676
Ion Ratio Lower Upper
202 100
101 19.4 14.1 21.1
100 17.0 11.4 17.0

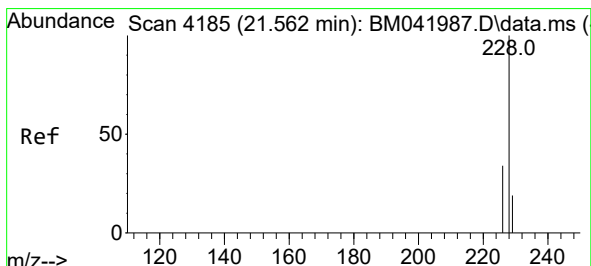
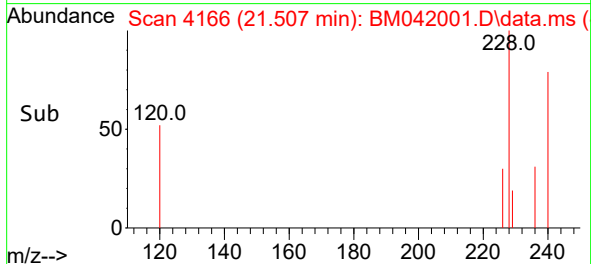
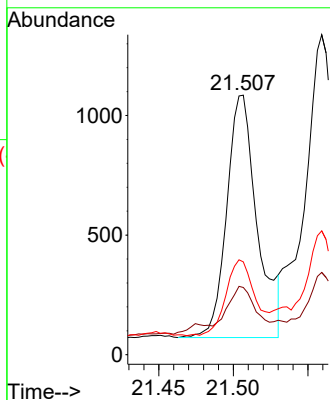
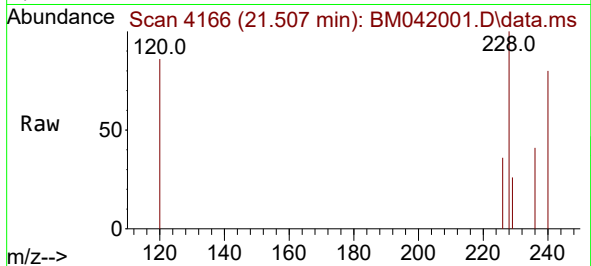




#21
Benzo(a)anthracene
Concen: 0.033 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BM042001.D
Acq: 22 Sep 2023 23:43

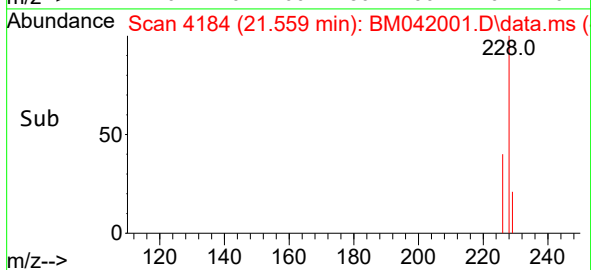
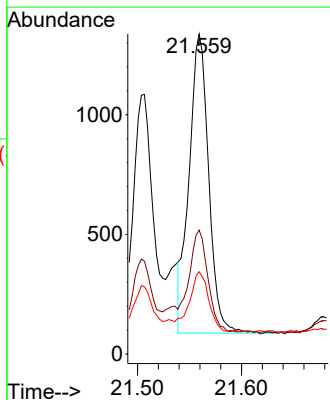
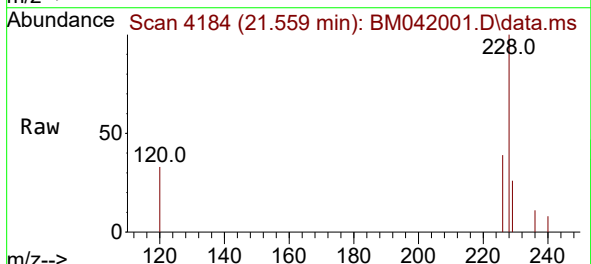
Instrument :
BNA_M
ClientSampleId :
C0AF6

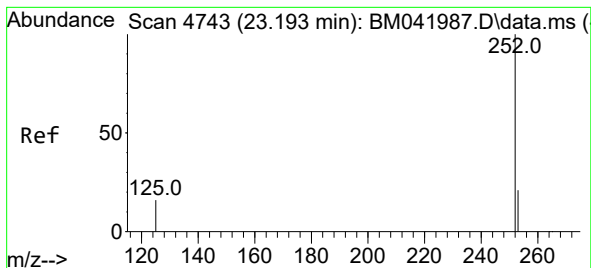
Tgt Ion:228 Resp: 1440
Ion Ratio Lower Upper
228 100
229 25.9 15.5 23.3#
226 35.8 24.8 37.2



#22
Chrysene
Concen: 0.037 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BM042001.D
Acq: 22 Sep 2023 23:43

Tgt Ion:228 Resp: 1643
Ion Ratio Lower Upper
228 100
226 38.7 27.8 41.6
229 25.7 15.6 23.4#





#24

Benzo(b)fluoranthene

Concen: 0.061 ng/ul

RT: 23.184 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM042001.D

Acq: 22 Sep 2023 23:43

Instrument :

BNA_M

ClientSampleId :

C0AF6

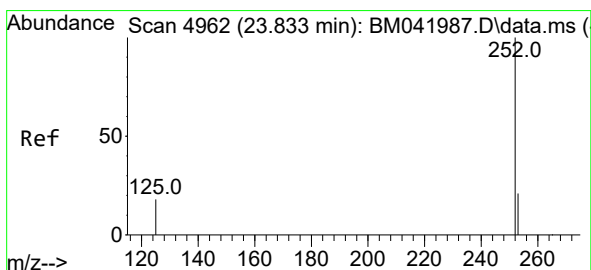
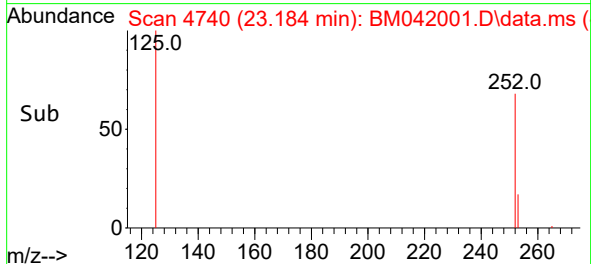
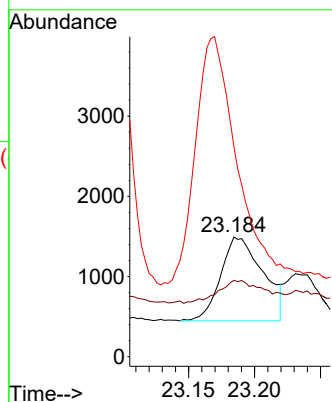
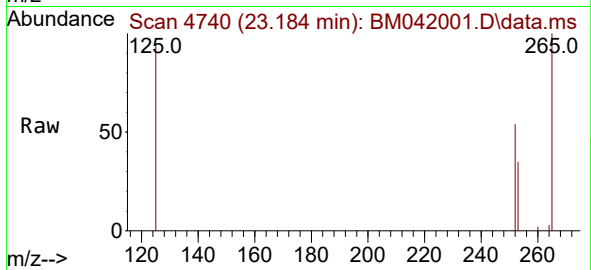
Tgt Ion:252 Resp: 2334

Ion Ratio Lower Upper

252 100

253 63.7 0.0 54.4#

125 175.2 0.0 46.2#



#26

Benzo(a)pyrene

Concen: 0.033 ng/ul

RT: 23.825 min Scan# 4959

Delta R.T. -0.003 min

Lab File: BM042001.D

Acq: 22 Sep 2023 23:43

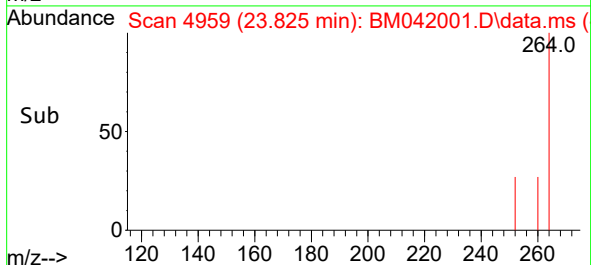
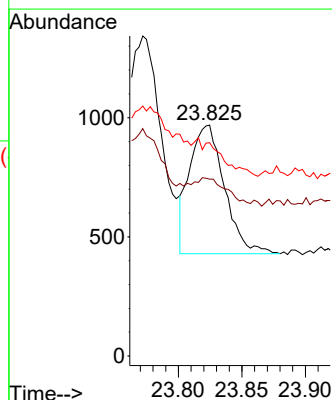
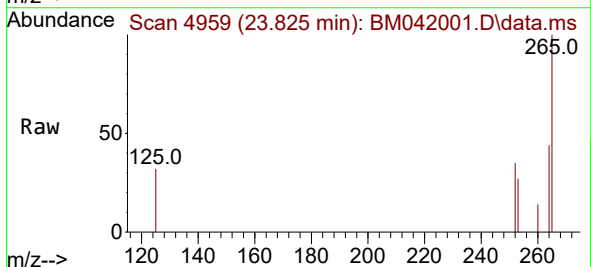
Tgt Ion:252 Resp: 1027

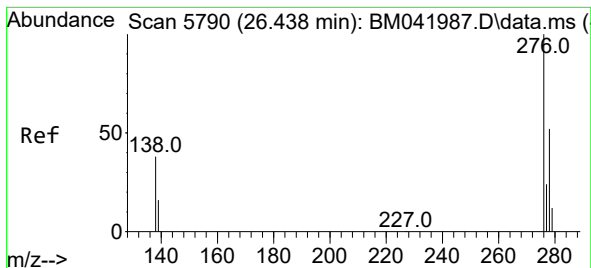
Ion Ratio Lower Upper

252 100

253 76.6 23.2 34.8#

125 92.4 22.5 33.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.026 ng/ul

RT: 26.424 min Scan# 5

Delta R.T. -0.007 min

Lab File: BM042001.D

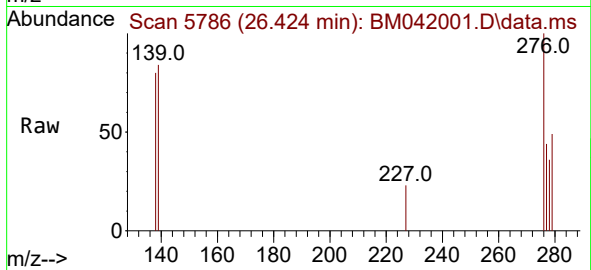
Acq: 22 Sep 2023 23:43

Instrument :

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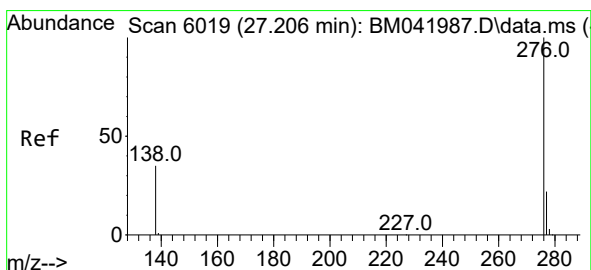
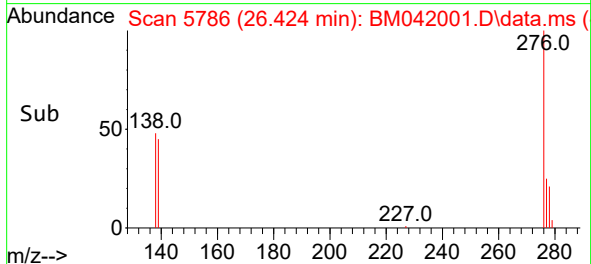
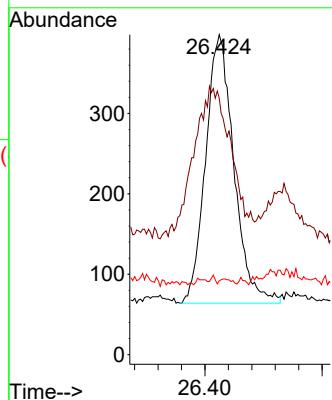
Tgt Ion:276 Resp: 1120

Ion Ratio Lower Upper

276 100

138 0.0 32.1 48.1#

227 0.7 0.2 0.2#



#29

Benzo(g,h,i)perylene

Concen: 0.029 ng/ul

RT: 27.206 min Scan# 6019

Delta R.T. -0.003 min

Lab File: BM042001.D

Acq: 22 Sep 2023 23:43

Tgt Ion:276 Resp: 1043

Ion Ratio Lower Upper

276 100

138 111.3 29.0 43.4#

277 44.2 19.6 29.4#

