

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
 Data File : BM045365.D
 Acq On : 18 Apr 2024 21:33
 Operator : MA/JU
 Sample : P2100-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COAN9

Quant Time: Apr 18 22:21:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 22:19:59 2024
 Response via : Initial Calibration

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

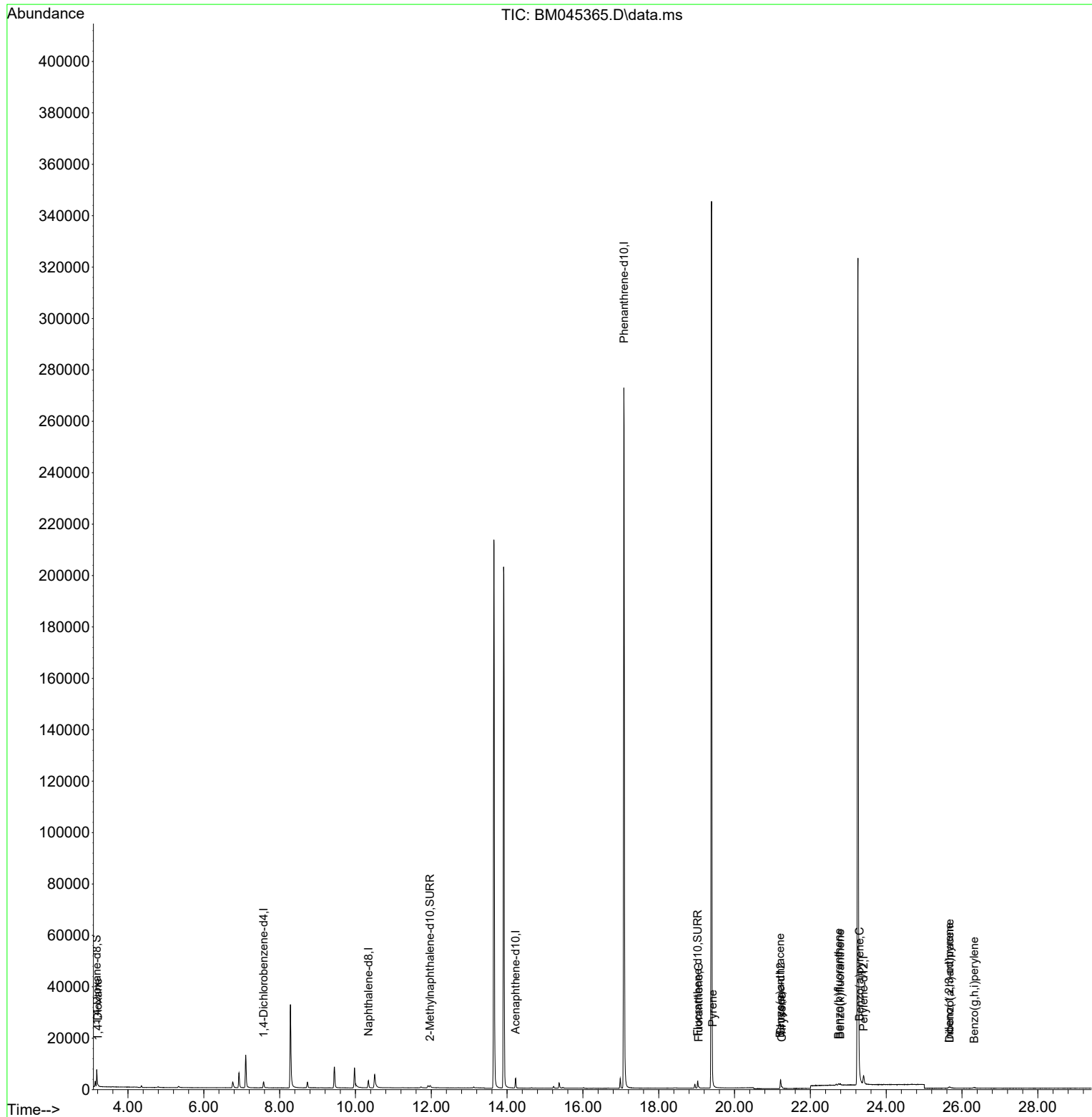
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	1427	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.342	136	4063	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.223	164	2031	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.081	188	337653	0.400	ng/ul	# 0.06
17) Chrysene-d12	21.214	240	2986	0.400	ng/ul	0.00
23) Perylene-d12	23.403	264	6516	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	4209	2.245	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.969	152	1533	0.278	ng/ul	-0.03
18) Fluoranthene-d10	19.029	212	3314	0.439	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.209	88	193	0.107	ng/ul#	78
19) Fluoranthene	19.057	202	340	0.032	ng/ul#	51
20) Pyrene	19.419	202	359	0.032	ng/ul#	30
21) Benzo(a)anthracene	21.205	228	472	0.045	ng/ul#	76
22) Chrysene	21.249	228	615	0.047	ng/ul#	85
24) Benzo(b)fluoranthene	22.745	252	788	0.033	ng/ul#	21
25) Benzo(k)fluoranthene	22.786	252	760	0.029	ng/ul#	18
26) Benzo(a)pyrene	23.294	252	461	0.021	ng/ul#	9
27) Indeno(1,2,3-cd)pyrene	25.659	276	869	0.028	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.676	278	708	0.029	ng/ul#	4
29) Benzo(g,h,i)perylene	26.319	276	756	0.028	ng/ul#	51

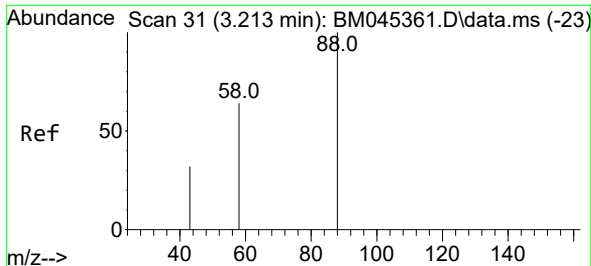
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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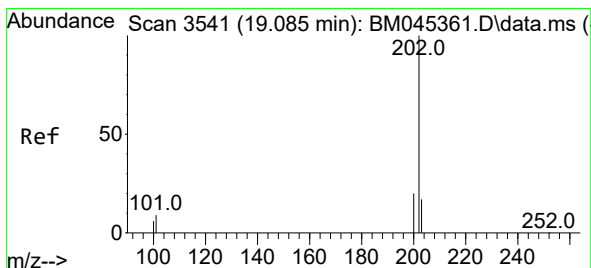
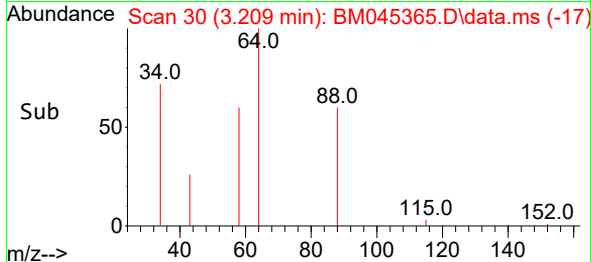
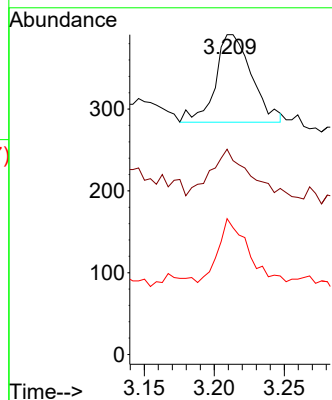
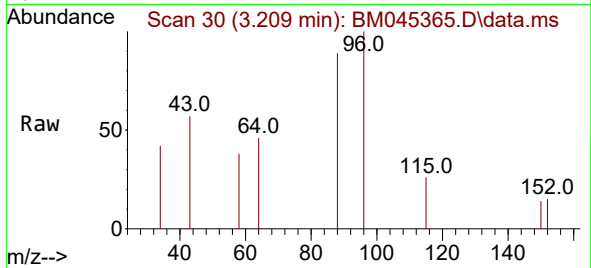




#2
1,4-Dioxane
Concen: 0.107 ng/ul
RT: 3.209 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM045365.D
Acq: 18 Apr 2024 21:33

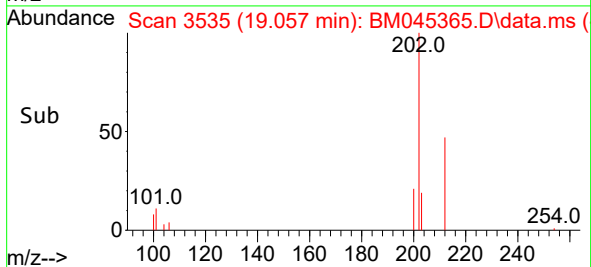
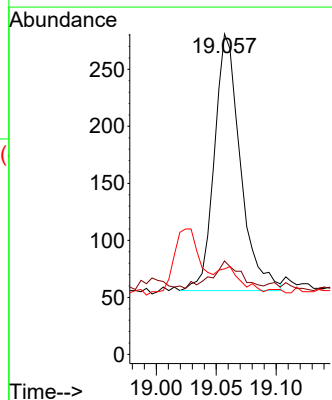
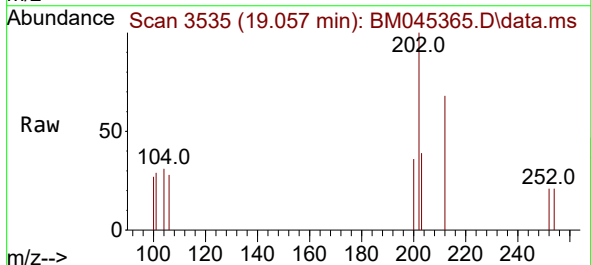
Instrument :
BNA_M
ClientSampleId :
COAN9

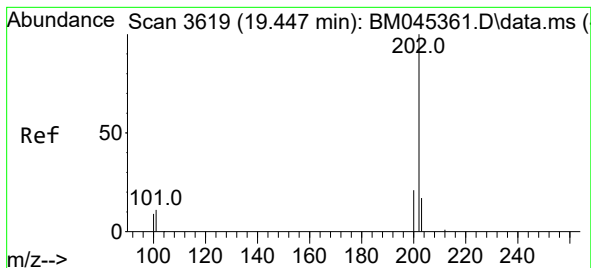
Tgt Ion: 88 Resp: 193
Ion Ratio Lower Upper
88 100
43 64.2 30.6 46.0#
58 42.5 32.6 48.8



#19
Fluoranthene
Concen: 0.032 ng/ul
RT: 19.057 min Scan# 3535
Delta R.T. -0.028 min
Lab File: BM045365.D
Acq: 18 Apr 2024 21:33

Tgt Ion: 202 Resp: 340
Ion Ratio Lower Upper
202 100
101 29.2 8.8 13.2#
100 26.7 7.0 10.4#





#20

Pyrene

Concen: 0.032 ng/ul

RT: 19.419 min Scan# 3

Delta R.T. -0.028 min

Lab File: BM045365.D

Acq: 18 Apr 2024 21:33

Instrument :

BNA_M

ClientSampleId :

COAN9

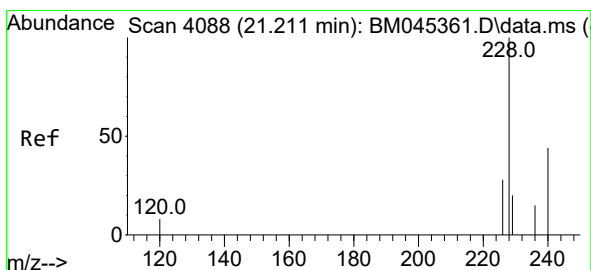
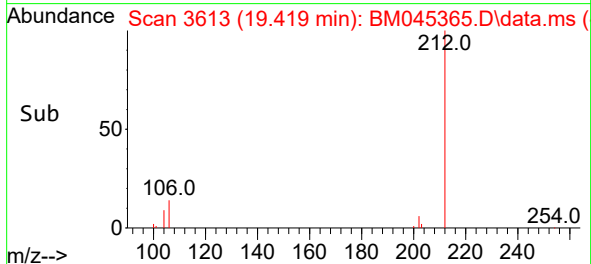
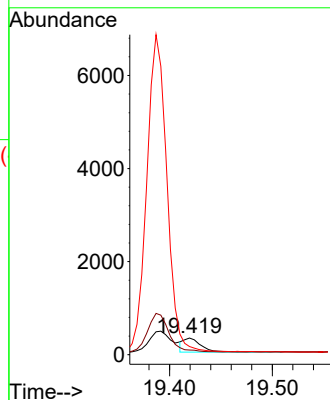
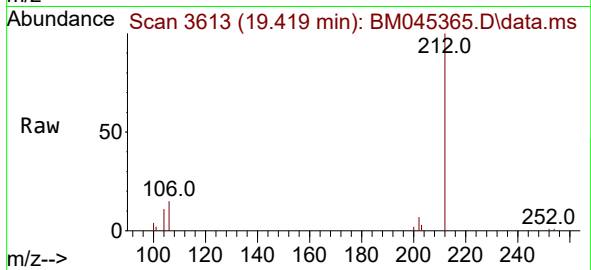
Tgt Ion:202 Resp: 359

Ion Ratio Lower Upper

202 100

101 27.7 9.8 14.6#

100 49.4 8.1 12.1#



#21

Benzo(a)anthracene

Concen: 0.045 ng/ul

RT: 21.205 min Scan# 4086

Delta R.T. -0.006 min

Lab File: BM045365.D

Acq: 18 Apr 2024 21:33

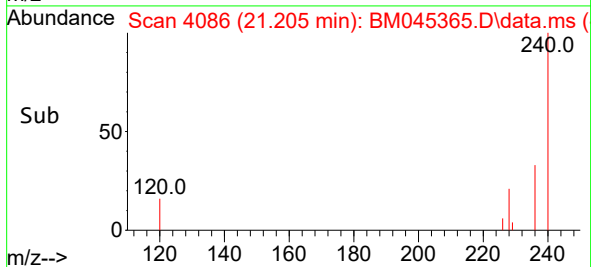
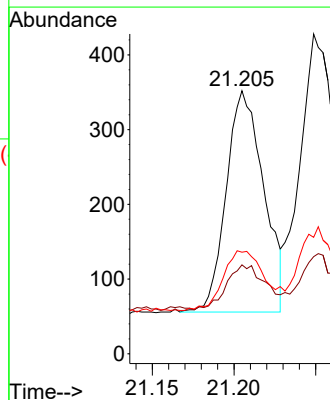
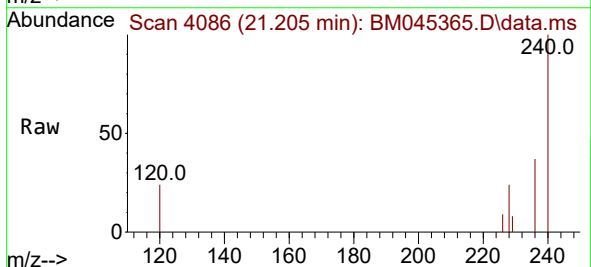
Tgt Ion:228 Resp: 472

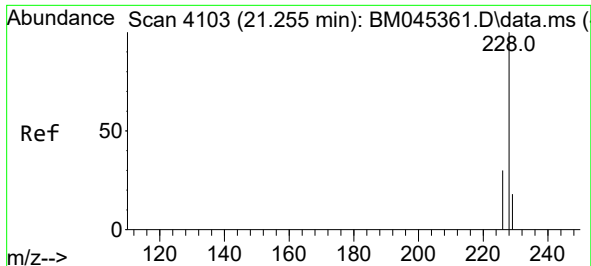
Ion Ratio Lower Upper

228 100

229 33.8 16.4 24.6#

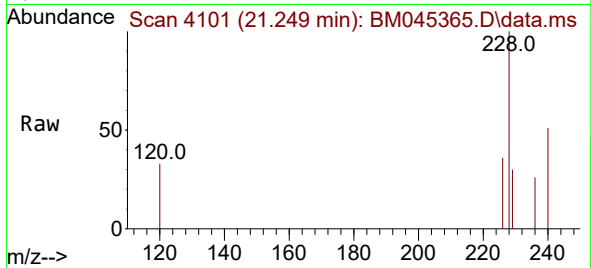
226 38.6 22.3 33.5#



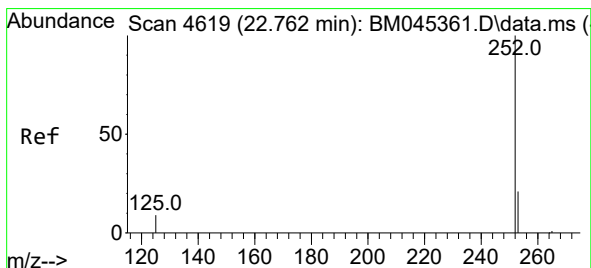
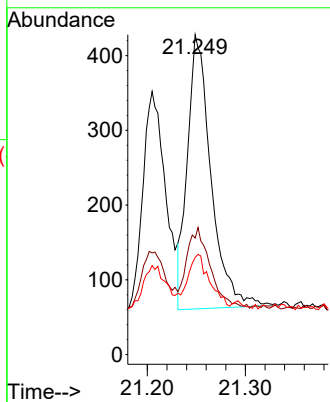
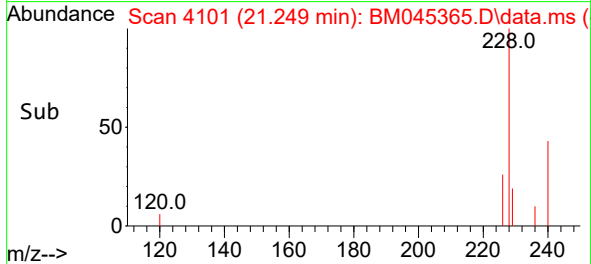


#22
Chrysene
Concen: 0.047 ng/ul
RT: 21.249 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM045365.D
Acq: 18 Apr 2024 21:33

Instrument :
BNA_M
ClientSampleId :
COAN9

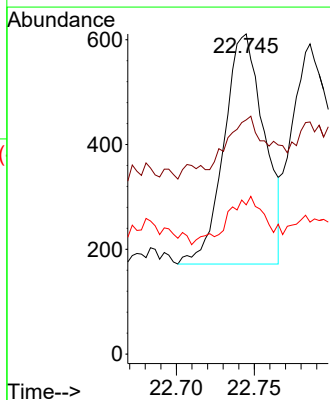
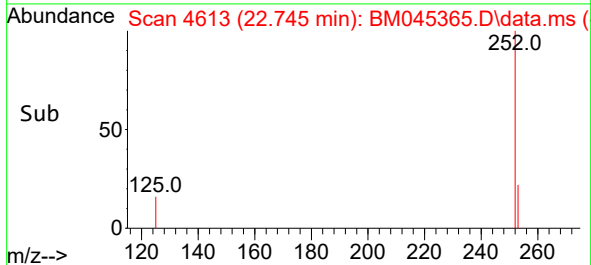
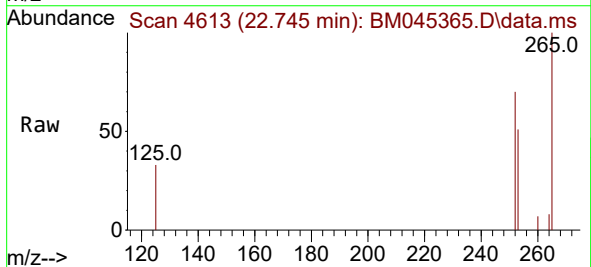


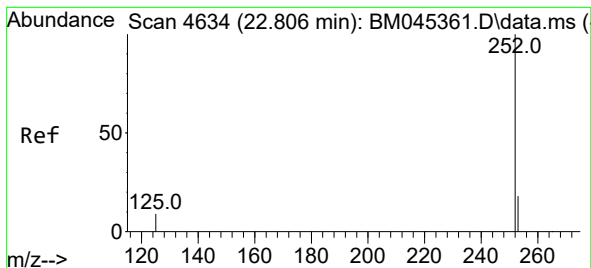
Tgt Ion:228 Resp: 615
Ion Ratio Lower Upper
228 100
226 36.4 24.9 37.3
229 30.4 15.9 23.9#



#24
Benzo(b)fluoranthene
Concen: 0.033 ng/ul
RT: 22.745 min Scan# 4613
Delta R.T. -0.018 min
Lab File: BM045365.D
Acq: 18 Apr 2024 21:33

Tgt Ion:252 Resp: 788
Ion Ratio Lower Upper
252 100
253 73.2 0.0 56.4#
125 46.6 0.0 33.4#





#25

Benzo(k)fluoranthene

Concen: 0.029 ng/ul

RT: 22.786 min Scan# 4

Delta R.T. -0.021 min

Lab File: BM045365.D

Acq: 18 Apr 2024 21:33

Instrument :

BNA_M

ClientSampleId :

COAN9

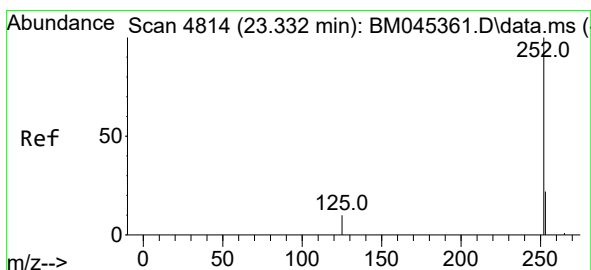
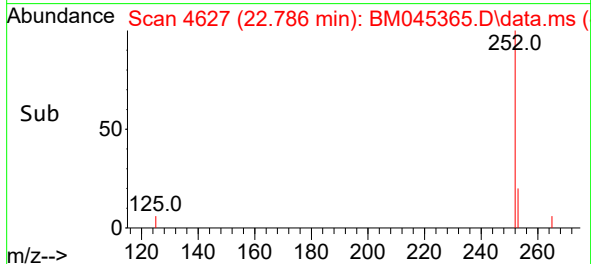
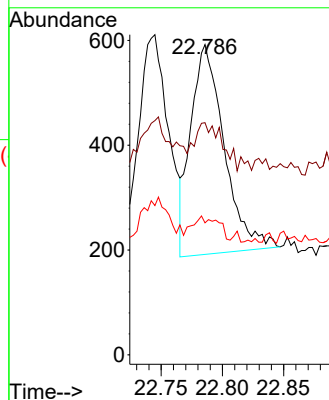
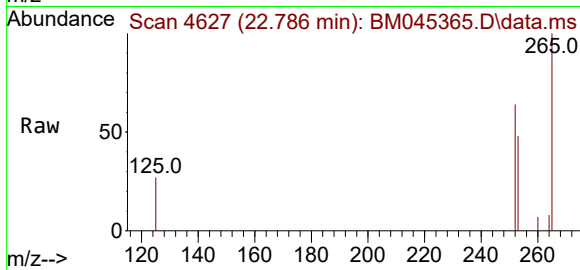
Tgt Ion:252 Resp: 760

Ion Ratio Lower Upper

252 100

253 74.8 22.3 33.5#

125 42.6 11.6 17.4#



#26

Benzo(a)pyrene

Concen: 0.021 ng/ul

RT: 23.294 min Scan# 4801

Delta R.T. -0.038 min

Lab File: BM045365.D

Acq: 18 Apr 2024 21:33

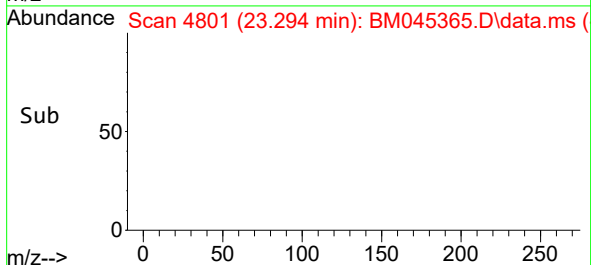
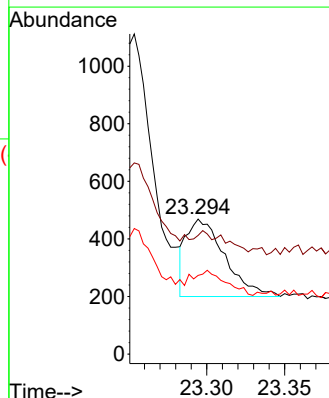
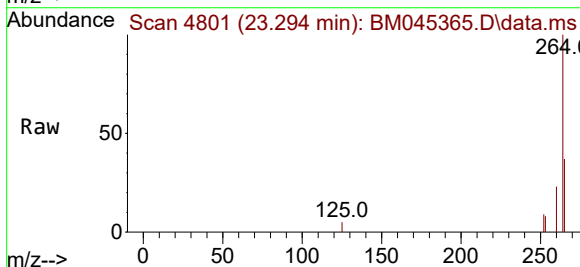
Tgt Ion:252 Resp: 461

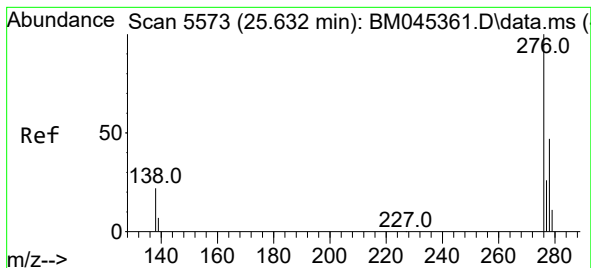
Ion Ratio Lower Upper

252 100

253 87.8 24.6 37.0#

125 58.2 18.2 27.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.028 ng/ul

RT: 25.659 min Scan# 5581

Delta R.T. 0.027 min

Lab File: BM045365.D

Acq: 18 Apr 2024 21:33

Instrument :

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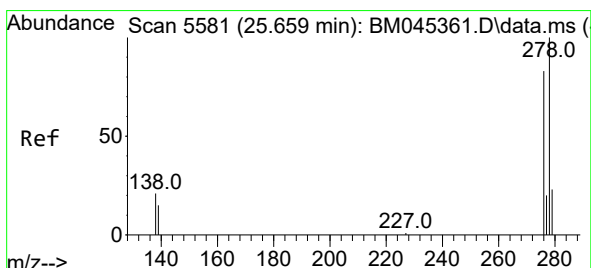
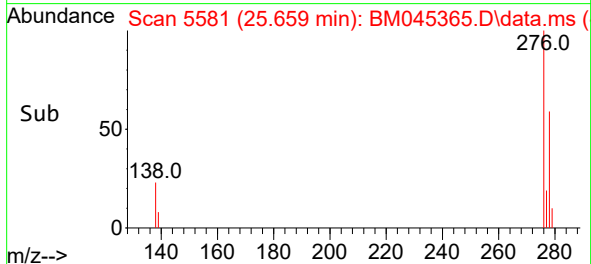
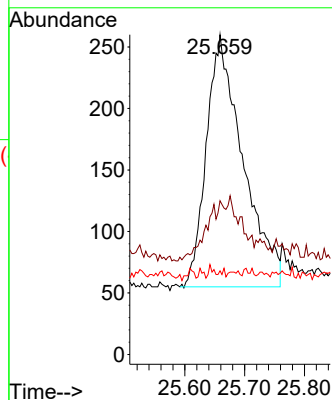
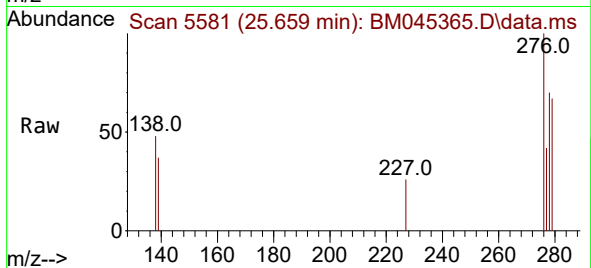
Tgt Ion:276 Resp: 869

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

227 0.3 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.029 ng/ul

RT: 25.676 min Scan# 5586

Delta R.T. 0.017 min

Lab File: BM045365.D

Acq: 18 Apr 2024 21:33

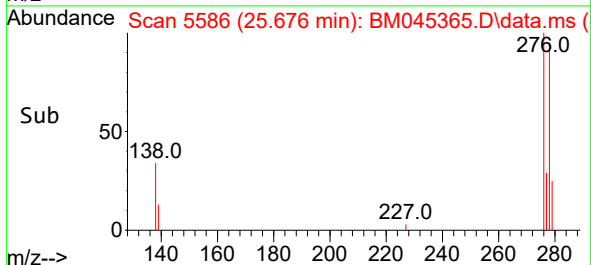
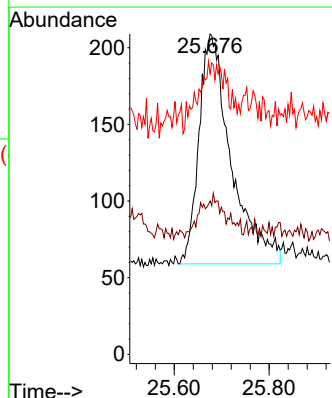
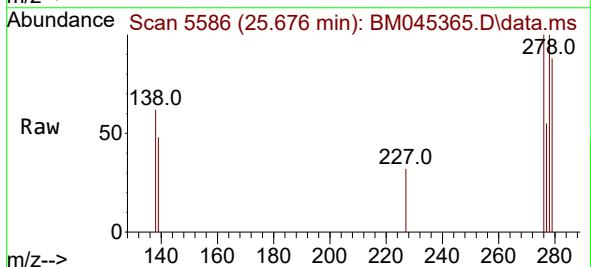
Tgt Ion:278 Resp: 708

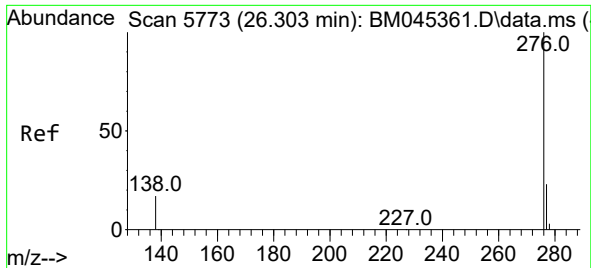
Ion Ratio Lower Upper

278 100

139 47.8 13.6 20.4#

279 87.6 23.0 34.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.028 ng/ul
 RT: 26.319 min Scan# 51
 Delta R.T. 0.017 min
 Lab File: BM045365.D
 Acq: 18 Apr 2024 21:33

Instrument :
 BNA_M
 ClientSampleId :
 C0AN9

Tgt Ion:276 Resp: 756
 Ion Ratio Lower Upper
 276 100
 138 48.7 16.8 25.2#
 277 46.2 20.3 30.5#

