

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044105.D
 Acq On : 15 Feb 2024 17:19
 Operator : MA/JU
 Sample : P1329-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FL3

Quant Time: Feb 15 23:31:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

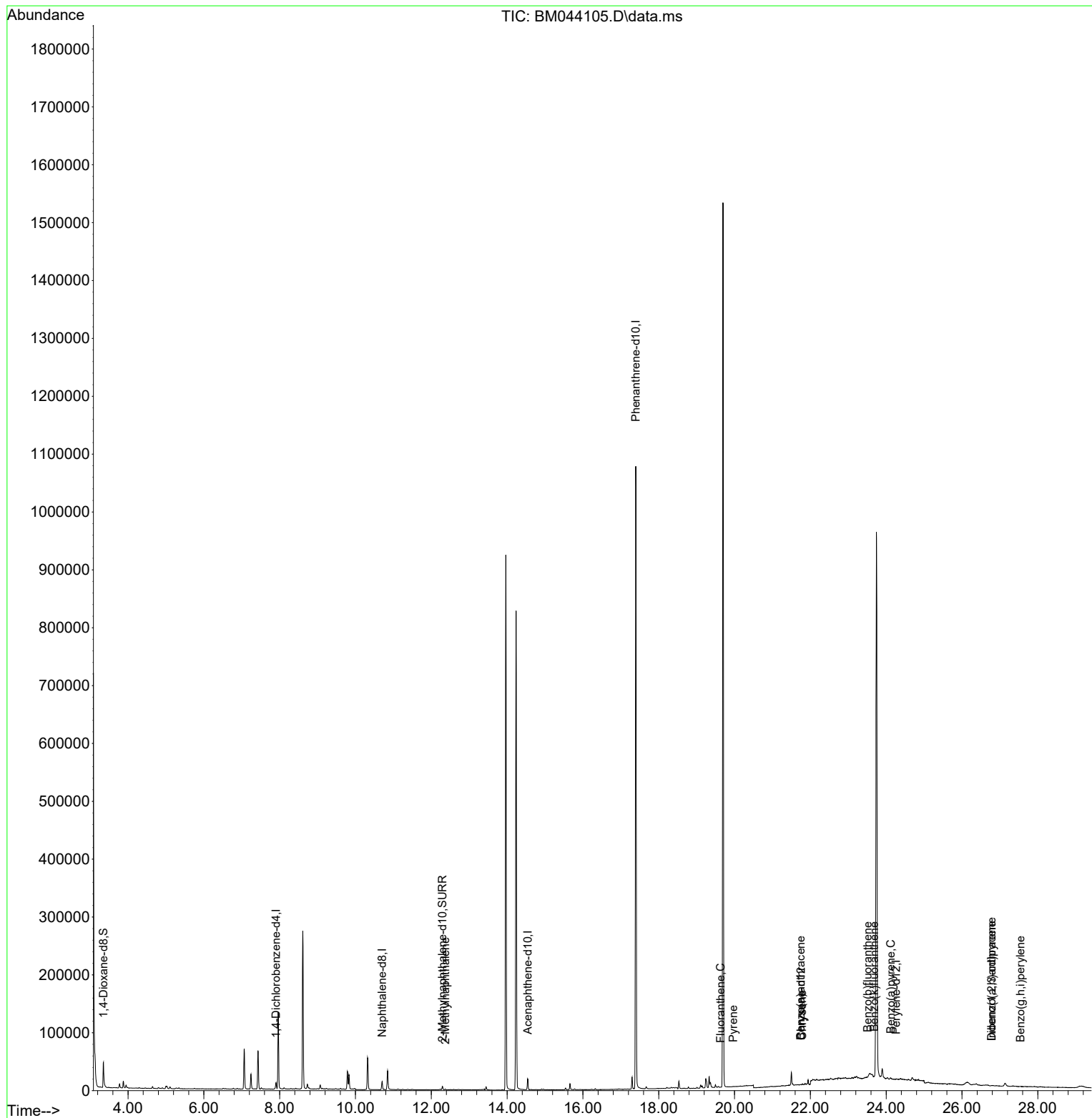
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	5665	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	19410	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	10571	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.394	188	1202002	0.400	ng/ul	# 0.09
17) Chrysene-d12	21.750	240	88	0.400	ng/ul	# 0.25
23) Perylene-d12	24.264	264	134	0.400	ng/ul	# 0.37
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	32131	4.005	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	7775	0.286	ng/ul	0.00
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.371	142	947	0.027	ng/ul	98
19) Fluoranthene	19.629	202	160	0.399	ng/ul#	1
20) Pyrene	19.968	202	739	1.752	ng/ul#	34
21) Benzo(a)anthracene	21.744	228	97	0.241	ng/ul#	1
22) Chrysene	21.782	228	17	0.039	ng/ul#	1
24) Benzo(b)fluoranthene	23.516	252	29	0.052	ng/ul#	1
25) Benzo(k)fluoranthene	23.685	252	5117	8.524	ng/ul#	1
26) Benzo(a)pyrene	24.121	252	2169	4.220	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.781	276	359	0.549	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.781	278	383	0.743	ng/ul#	1
29) Benzo(g,h,i)perylene	27.539	276	191	0.330	ng/ul#	1

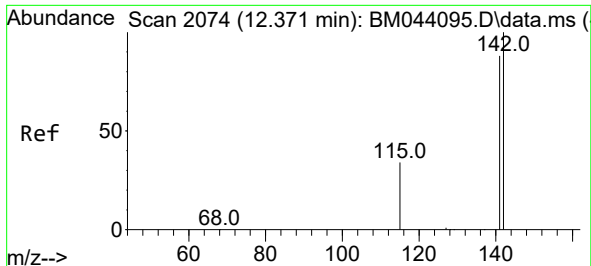
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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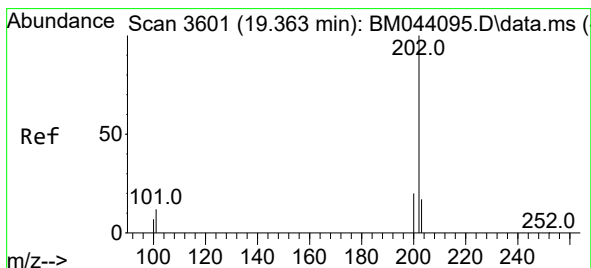
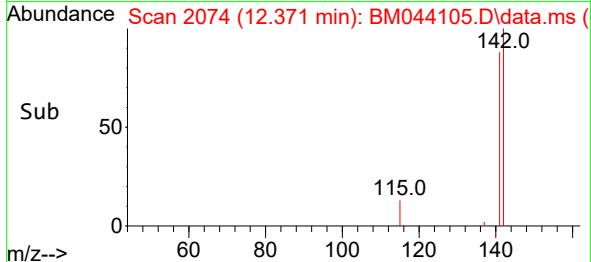
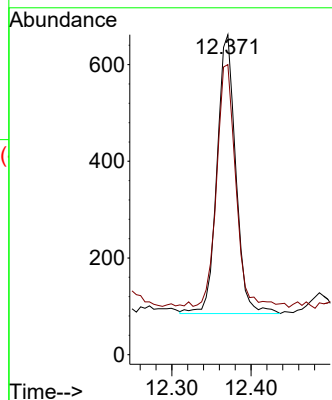
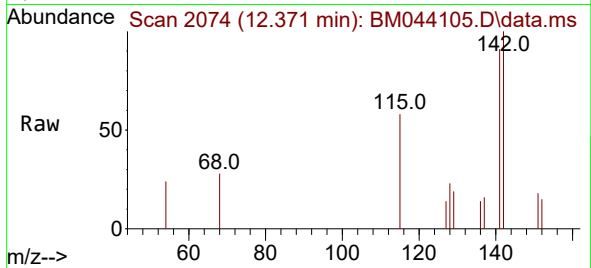




#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BM044105.D
Acq: 15 Feb 2024 17:19

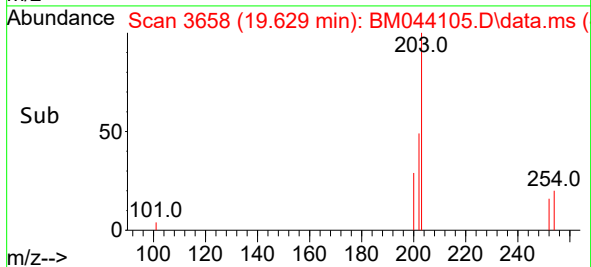
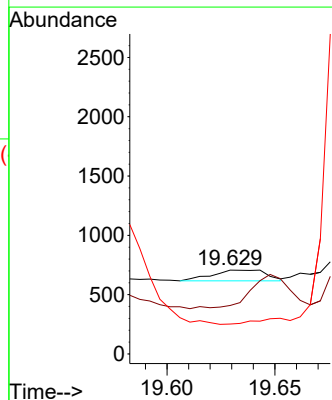
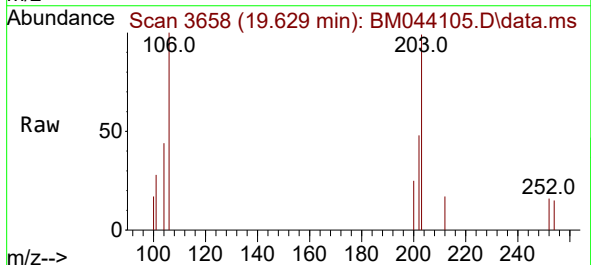
Instrument :
BNA_M
ClientSampleId :
COFL3

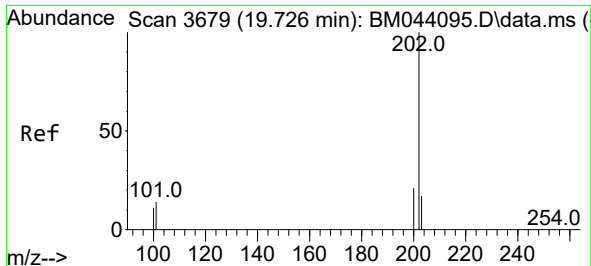
Tgt Ion:142 Resp: 947
Ion Ratio Lower Upper
142 100
141 89.2 70.0 105.0



#19
Fluoranthene
Concen: 0.399 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. 0.266 min
Lab File: BM044105.D
Acq: 15 Feb 2024 17:19

Tgt Ion:202 Resp: 160
Ion Ratio Lower Upper
202 100
101 57.9 9.8 14.6#
100 35.6 7.0 10.4#

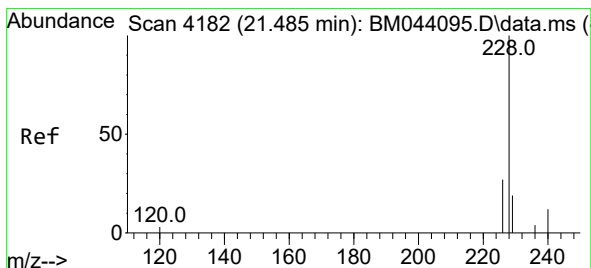
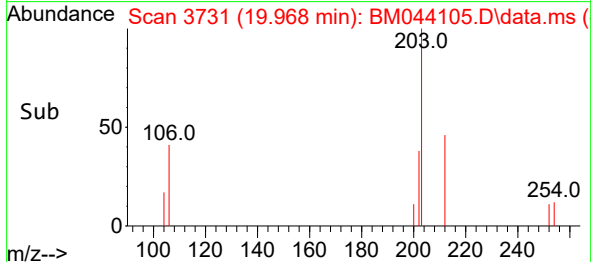
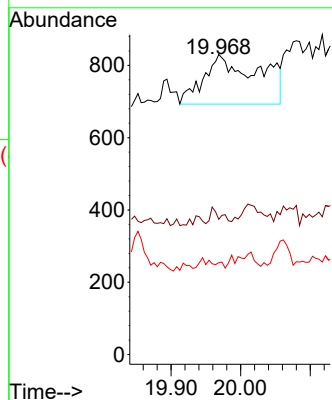
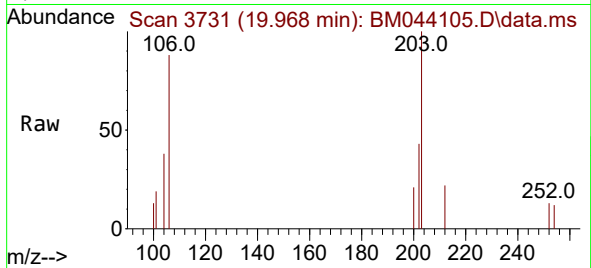




#20
Pyrene
Concen: 1.752 ng/ul
RT: 19.968 min Scan# 31
Delta R.T. 0.243 min
Lab File: BM044105.D
Acq: 15 Feb 2024 17:19

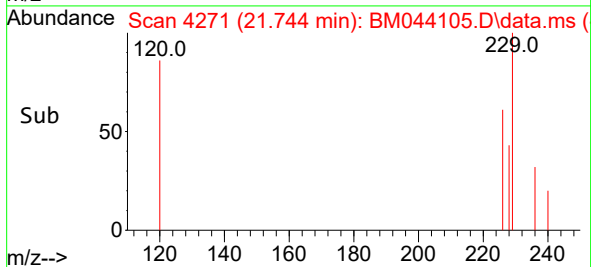
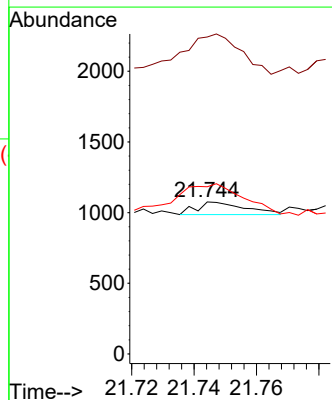
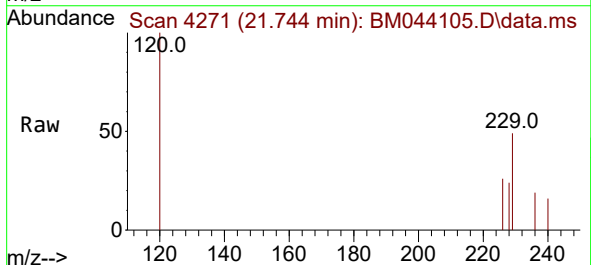
Instrument :
BNA_M
ClientSampleId :
COFL3

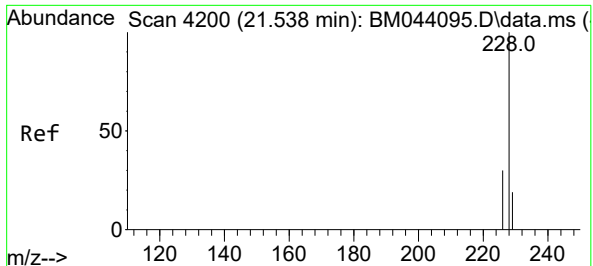
Tgt Ion:202 Resp: 739
Ion Ratio Lower Upper
202 100
101 45.1 11.2 16.8#
100 30.6 8.6 13.0#



#21
Benzo(a)anthracene
Concen: 0.241 ng/ul
RT: 21.744 min Scan# 4271
Delta R.T. 0.259 min
Lab File: BM044105.D
Acq: 15 Feb 2024 17:19

Tgt Ion:228 Resp: 97
Ion Ratio Lower Upper
228 100
229 208.6 15.4 23.2#
226 110.0 22.1 33.1#





#22

Chrysene

Concen: 0.039 ng/ul

RT: 21.782 min Scan# 4

Delta R.T. 0.245 min

Lab File: BM044105.D

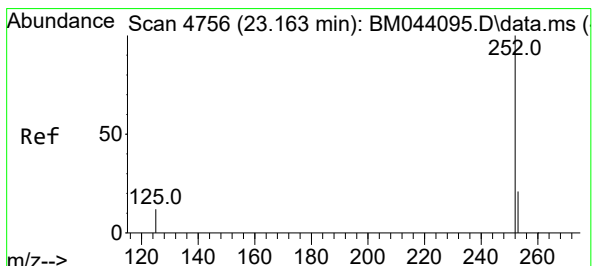
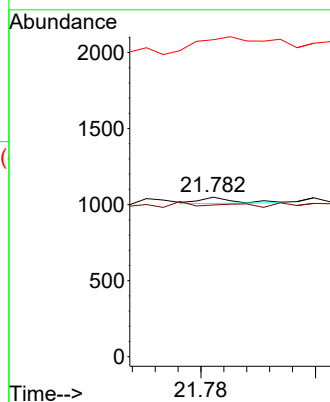
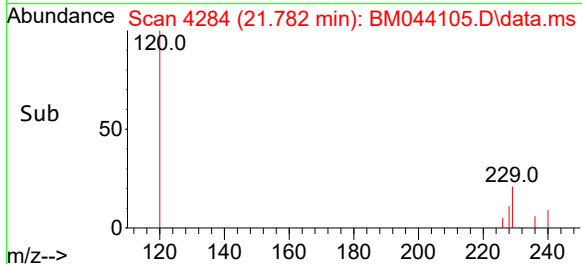
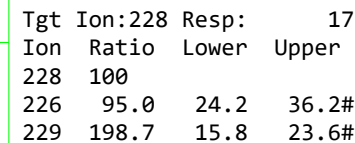
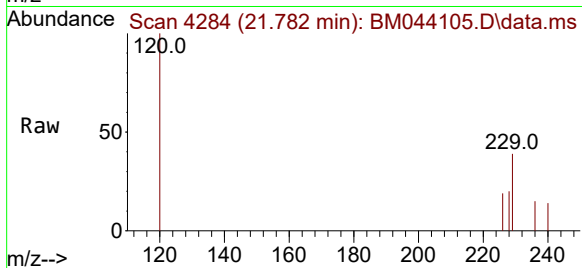
Acq: 15 Feb 2024 17:19

4) Instrument :

BNA_M

ClientSampleId :

C0FL3



#24

Benzo(b)fluoranthene

Concen: 0.052 ng/u1

RT: 23.516 min Scan# 4877

Delta R.T. 0.353 min

Lab File: BM044105.D

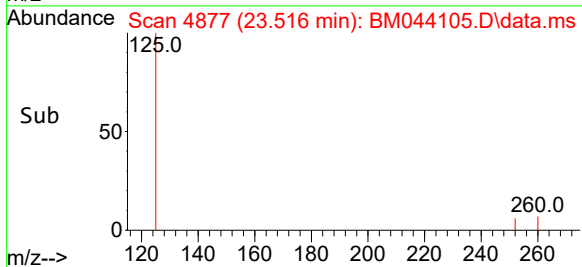
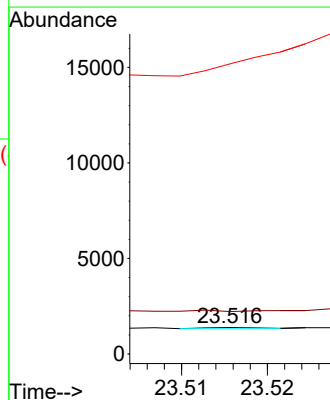
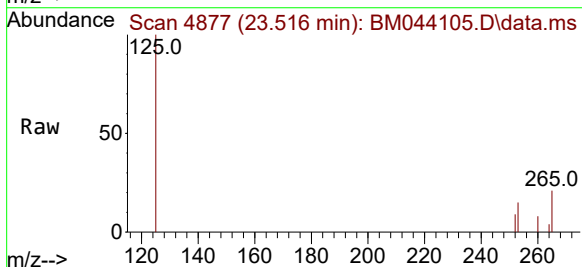
Acq: 15 Feb 2024 17:19

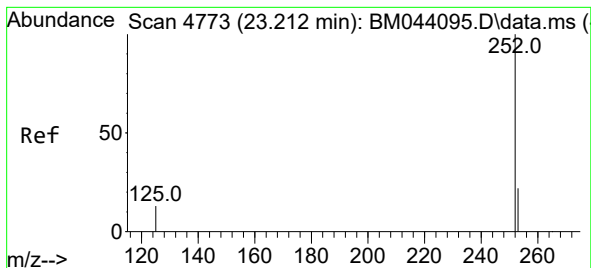
Tgt Ion:252 Resp: 29

Ion	Ratio	Lower	Upper
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252 100

253 160.2 0.0 50.0#





#25

Benzo(k)fluoranthene

Concen: 8.524 ng/ul

RT: 23.685 min Scan# 4935

Delta R.T. 0.473 min

Lab File: BM044105.D

Acq: 15 Feb 2024 17:19

Instrument :

BNA_M

ClientSampleId :

COFL3

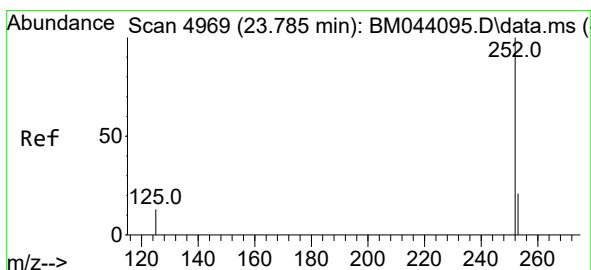
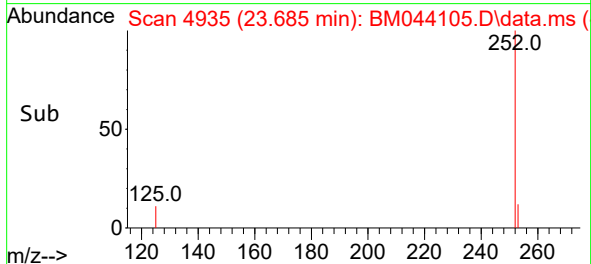
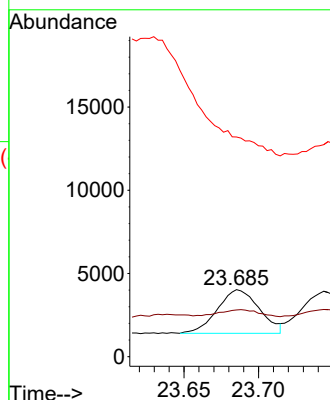
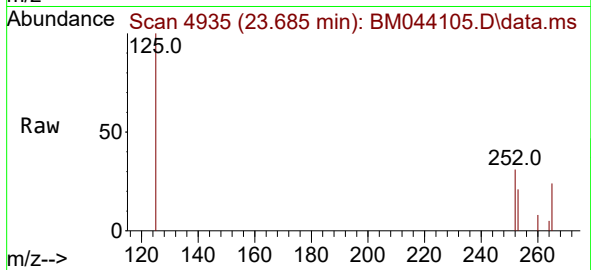
Tgt Ion:252 Resp: 5117

Ion Ratio Lower Upper

252 100

253 69.7 20.1 30.1#

125 327.3 12.3 18.5#



#26

Benzo(a)pyrene

Concen: 4.220 ng/ul

RT: 24.121 min Scan# 5084

Delta R.T. 0.335 min

Lab File: BM044105.D

Acq: 15 Feb 2024 17:19

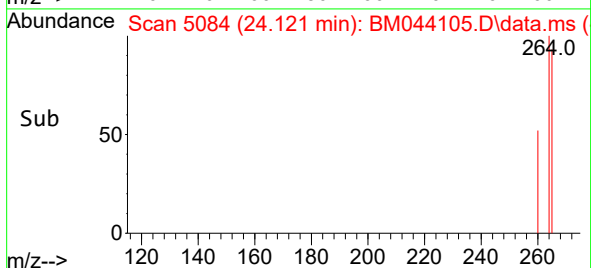
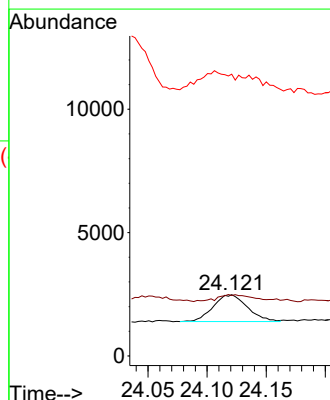
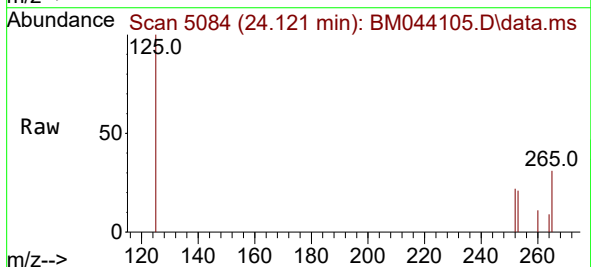
Tgt Ion:252 Resp: 2169

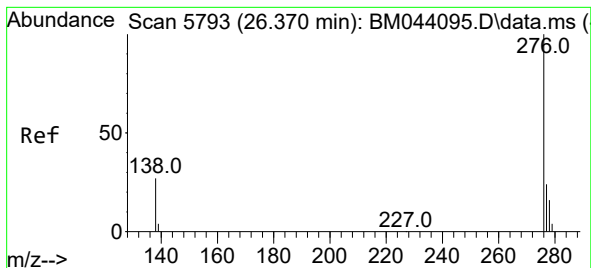
Ion Ratio Lower Upper

252 100

253 98.6 21.4 32.2#

125 459.3 13.3 19.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.549 ng/ul

RT: 26.781 min Scan# 5916

Delta R.T. 0.412 min

Lab File: BM044105.D

Acq: 15 Feb 2024 17:19

Instrument :

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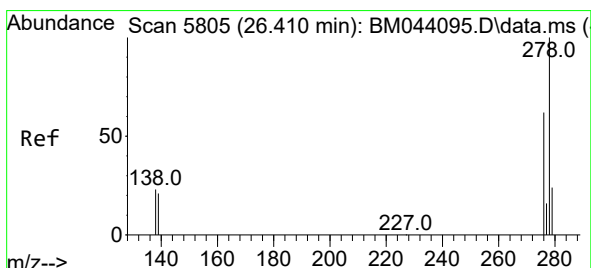
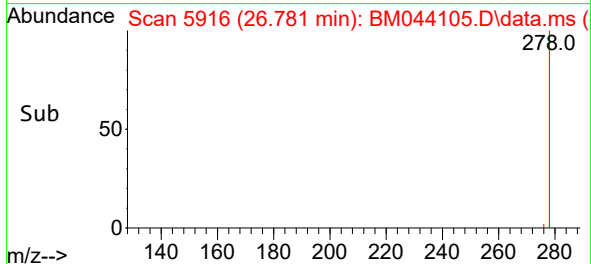
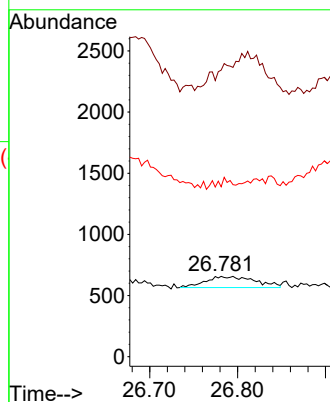
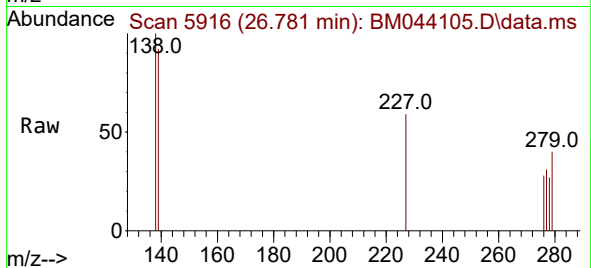
Tgt Ion:276 Resp: 359

Ion Ratio Lower Upper

276 100

138 35.9 25.2 37.8

227 16.4 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.743 ng/ul

RT: 26.781 min Scan# 5916

Delta R.T. 0.371 min

Lab File: BM044105.D

Acq: 15 Feb 2024 17:19

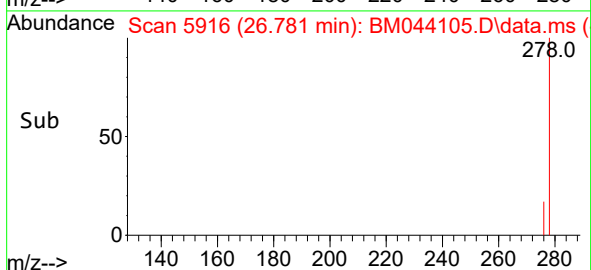
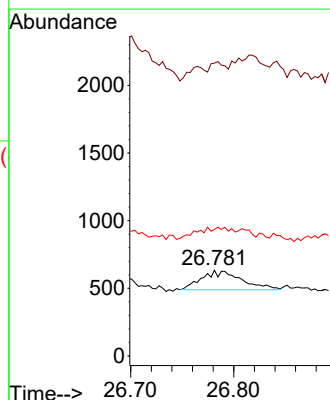
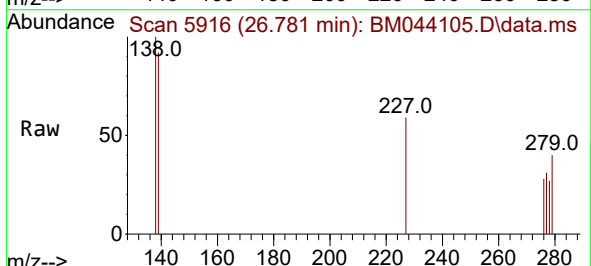
Tgt Ion:278 Resp: 383

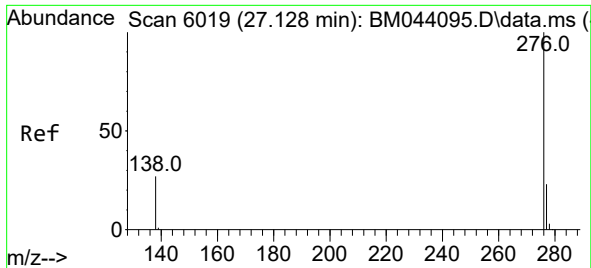
Ion Ratio Lower Upper

278 100

139 341.3 17.8 26.8#

279 147.5 21.8 32.8#





#29

Benzo(g,h,i)perylene

Concen: 0.330 ng/ul

RT: 27.539 min Scan# 61

Delta R.T. 0.412 min

Lab File: BM044105.D

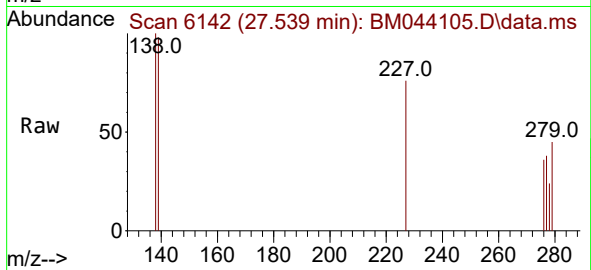
Acq: 15 Feb 2024 17:19

Instrument :

BNA_M

ClientSampleId :

C0FL3



Tgt Ion:276 Resp: 191

Ion Ratio Lower Upper

276 100

138 279.4 22.7 34.1#

277 105.0 19.0 28.6#

