

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042654.D
 Acq On : 08 Nov 2023 17:58
 Operator : MA/JU
 Sample : 04948-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL4

Quant Time: Nov 08 22:55:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

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

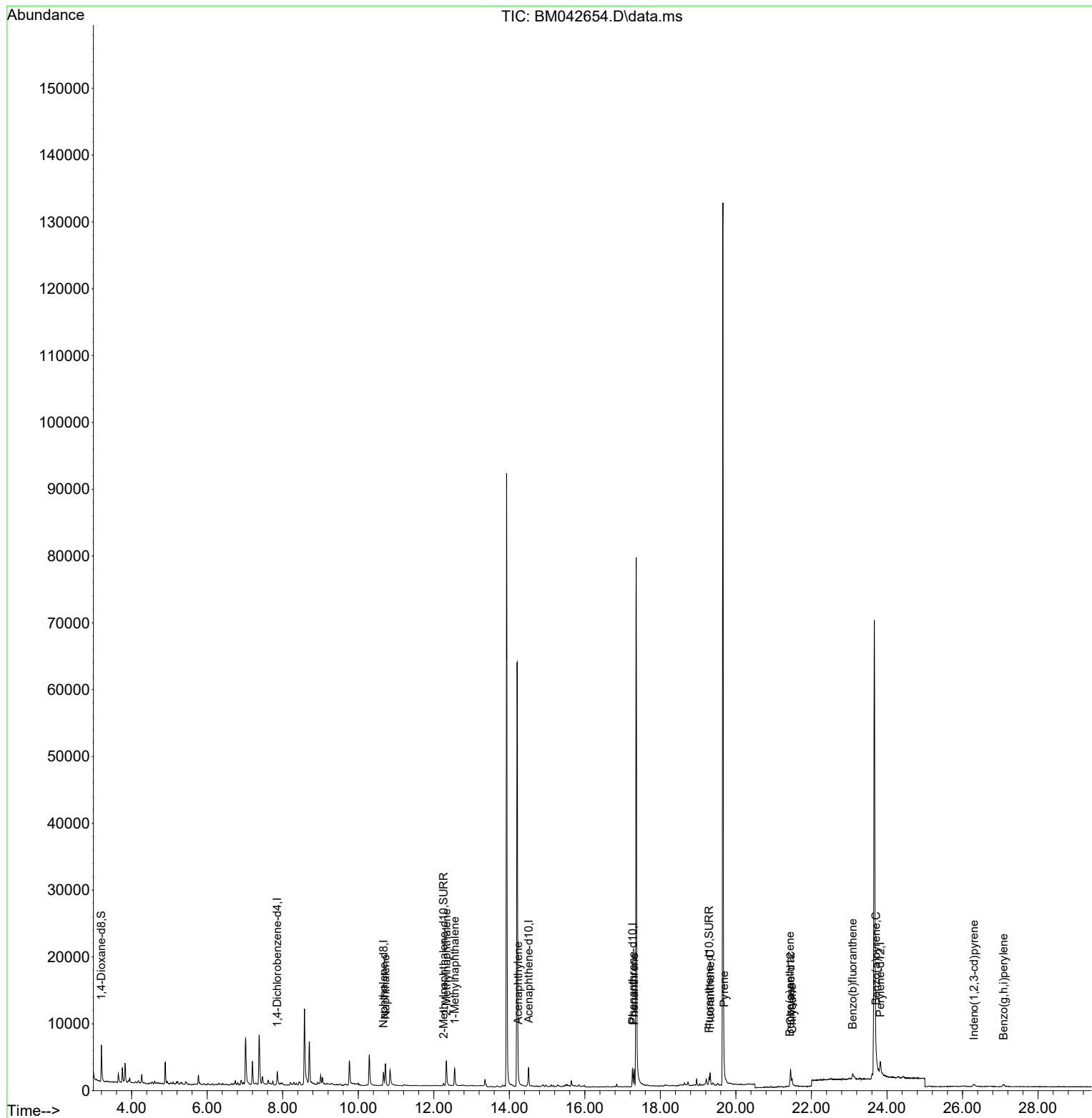
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	1117	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.666	136	2693	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.510	164	1538	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.262	188	3384	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	2501	0.400	ng/ul	0.00
23) Perylene-d12	23.823	264	3172	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.197	96	3218	2.180	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.260	152	476	0.127	ng/ul	-0.01
18) Fluoranthene-d10	19.289	212	1220	0.141	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.721	128	4924	0.566	ng/ul	97
7) 2-Methylnaphthalene	12.332	142	3087	0.553	ng/ul	97
8) 1-Methylnaphthalene	12.552	142	1804	0.319	ng/ul	99
10) Acenaphthylene	14.237	152	309	0.029	ng/ul#	52
15) Phenanthrene	17.304	178	2840	0.216	ng/ul	98
19) Fluoranthene	19.321	202	1714	0.110	ng/ul#	89
20) Pyrene	19.684	202	1996	0.116	ng/ul#	82
21) Benzo(a)anthracene	21.429	228	591	0.053	ng/ul#	70
22) Chrysene	21.485	228	1119	0.097	ng/ul#	77
24) Benzo(b)fluoranthene	23.092	252	1445	0.113	ng/ul	64
26) Benzo(a)pyrene	23.712	252	644	0.049	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	26.306	276	679	0.039	ng/ul#	97
29) Benzo(g,h,i)perylene	27.084	276	876	0.055	ng/ul#	63

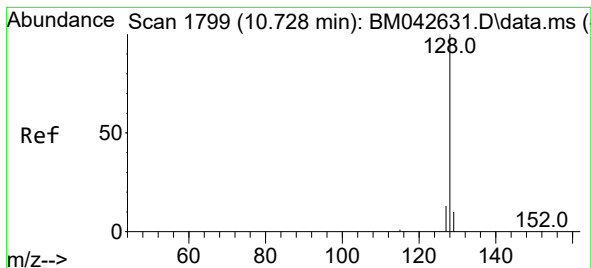
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
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#5

Naphthalene

Concen: 0.566 ng/ul

RT: 10.721 min Scan# 11

Delta R.T. -0.015 min

Lab File: BM042654.D

Acq: 08 Nov 2023 17:58

Instrument :

BNA_M

ClientSampleId :

COAL4

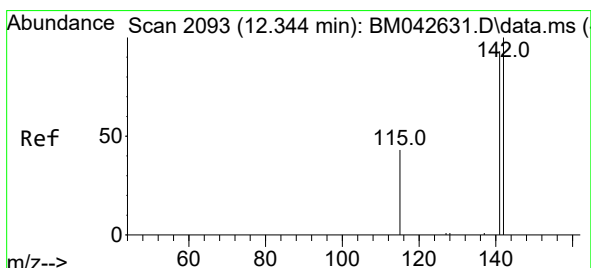
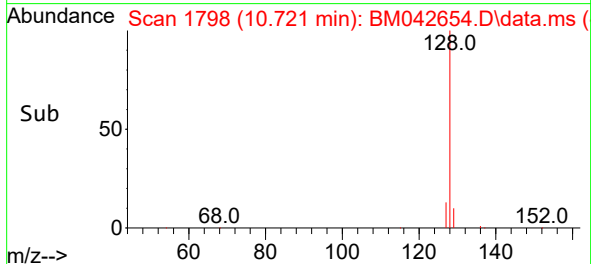
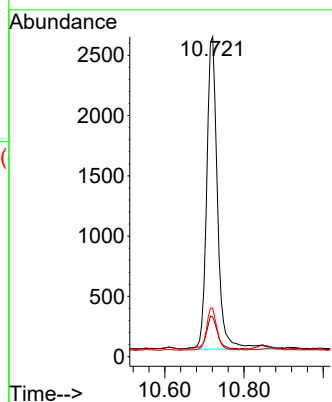
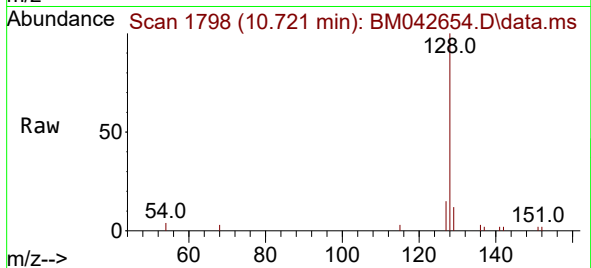
Tgt Ion:128 Resp: 4924

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

127 15.2 13.0 19.4



#7

2-Methylnaphthalene

Concen: 0.553 ng/ul

RT: 12.332 min Scan# 2091

Delta R.T. -0.015 min

Lab File: BM042654.D

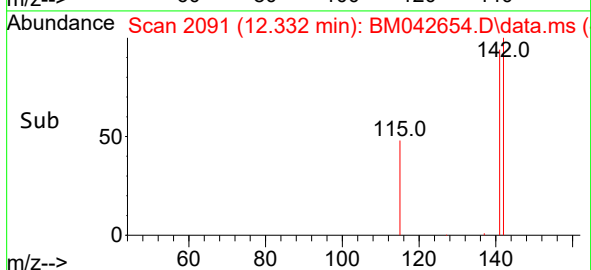
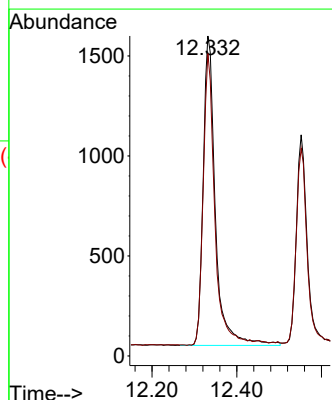
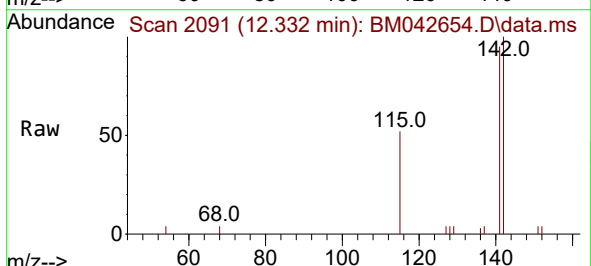
Acq: 08 Nov 2023 17:58

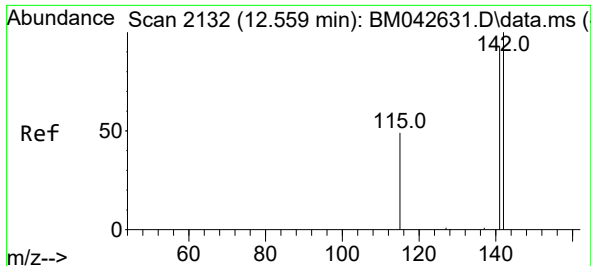
Tgt Ion:142 Resp: 3087

Ion Ratio Lower Upper

142 100

141 92.0 71.7 107.5

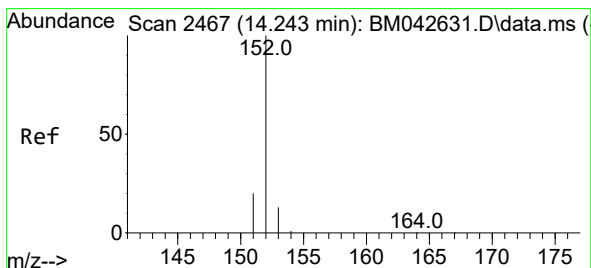
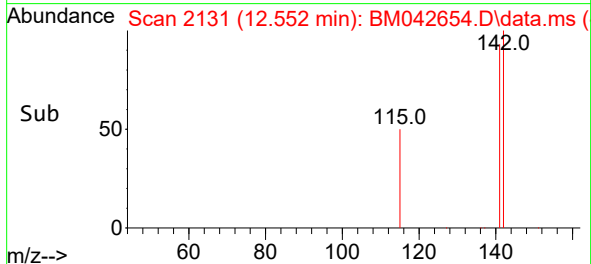
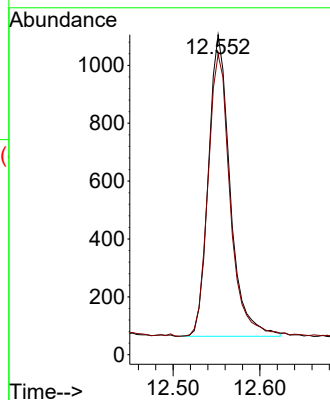
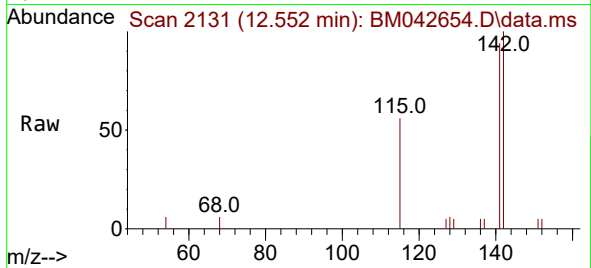




#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.552 min Scan# 2131
Delta R.T. -0.015 min
Lab File: BM042654.D
Acq: 08 Nov 2023 17:58

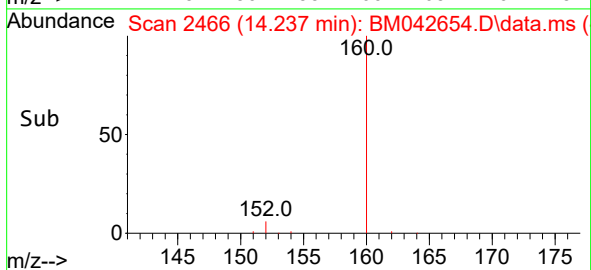
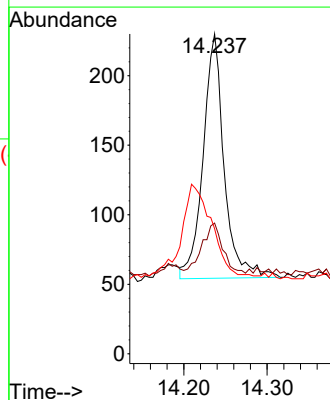
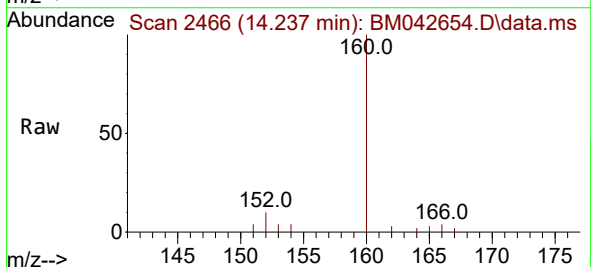
Instrument :
BNA_M
ClientSampleId :
COAL4

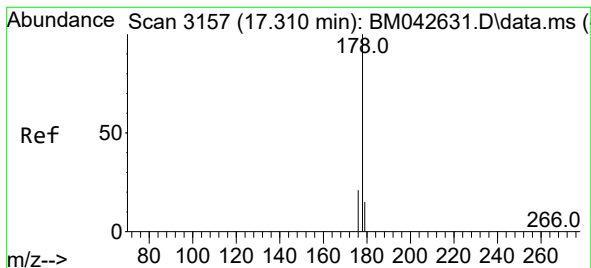
Tgt Ion:142 Resp: 1804
Ion Ratio Lower Upper
142 100
141 95.4 75.4 113.2



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.237 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM042654.D
Acq: 08 Nov 2023 17:58

Tgt Ion:152 Resp: 309
Ion Ratio Lower Upper
152 100
151 40.9 17.2 25.8#
153 39.1 11.8 17.8#





#15

Phenanthrene

Concen: 0.216 ng/ul

RT: 17.304 min Scan# 3156

Delta R.T. -0.007 min

Lab File: BM042654.D

Acq: 08 Nov 2023 17:58

Instrument :

BNA_M

ClientSampleId :

COAL4

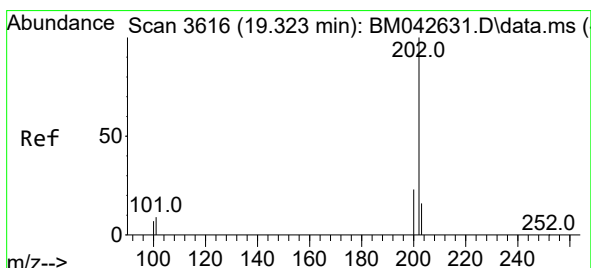
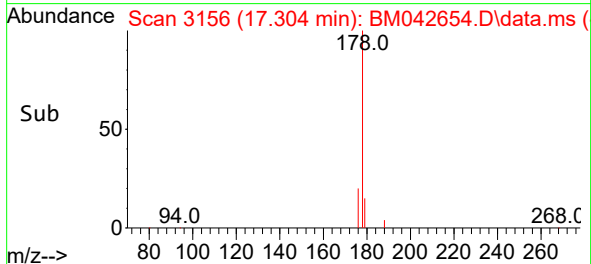
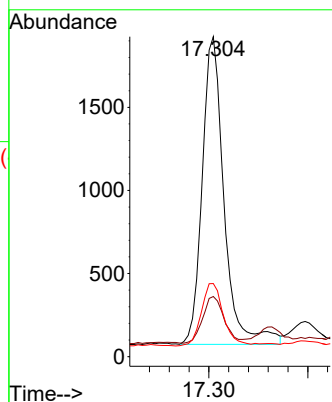
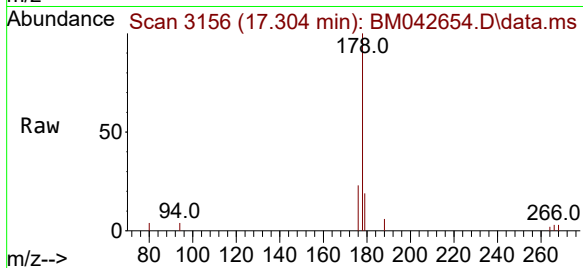
Tgt Ion:178 Resp: 2840

Ion Ratio Lower Upper

178 100

179 18.8 13.7 20.5

176 22.9 18.2 27.2



#19

Fluoranthene

Concen: 0.110 ng/ul

RT: 19.321 min Scan# 3616

Delta R.T. -0.008 min

Lab File: BM042654.D

Acq: 08 Nov 2023 17:58

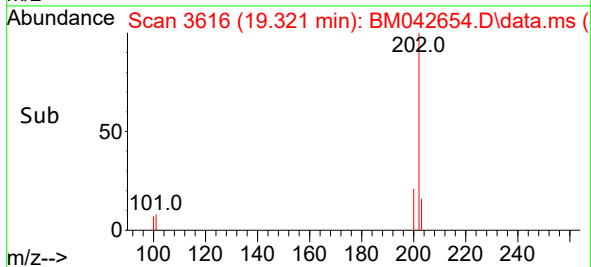
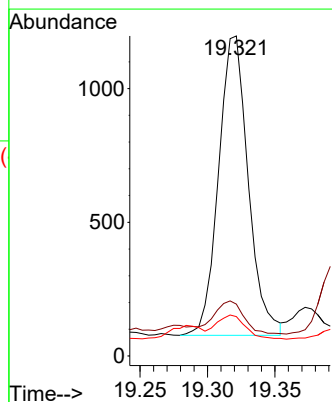
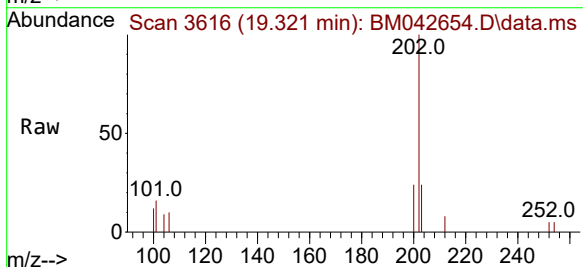
Tgt Ion:202 Resp: 1714

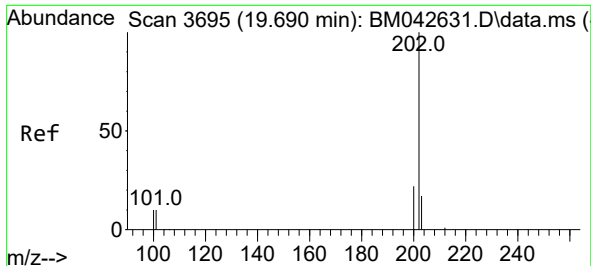
Ion Ratio Lower Upper

202 100

101 16.2 9.0 13.6#

100 12.3 7.3 10.9#

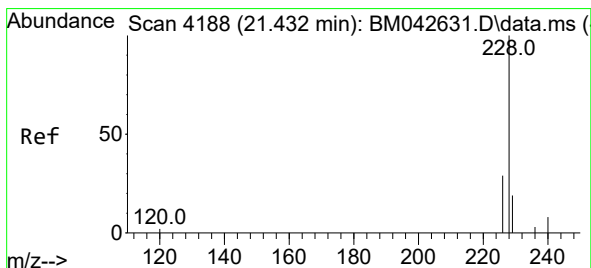
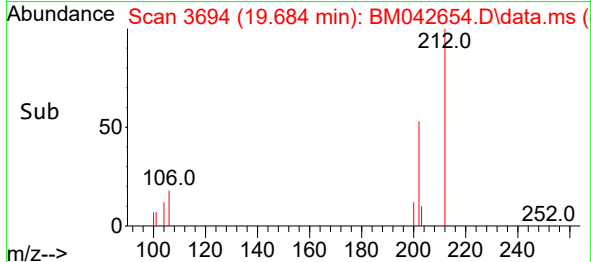
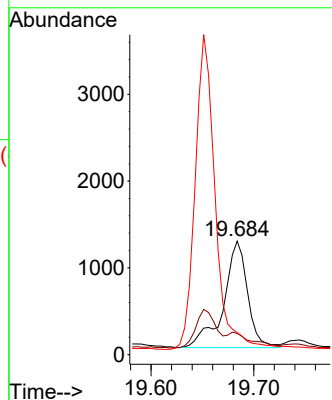
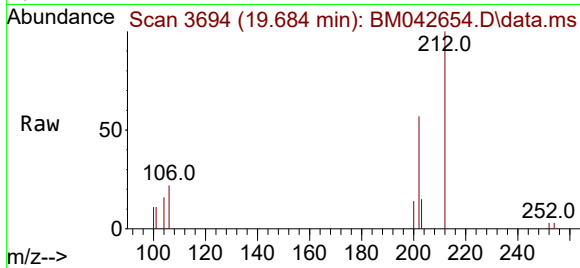




#20
Pyrene
Concen: 0.116 ng/ul
RT: 19.684 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM042654.D
Acq: 08 Nov 2023 17:58

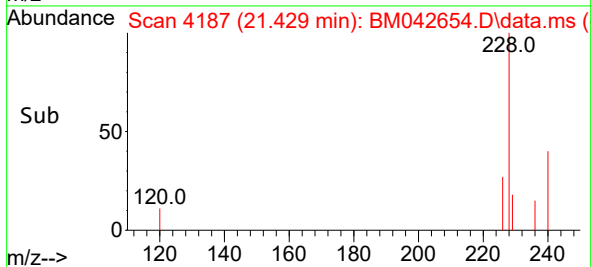
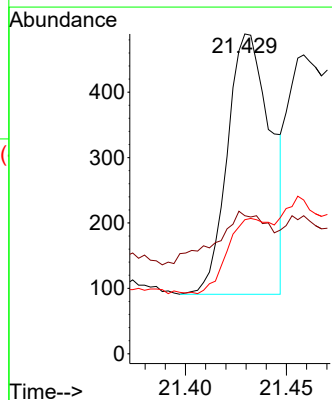
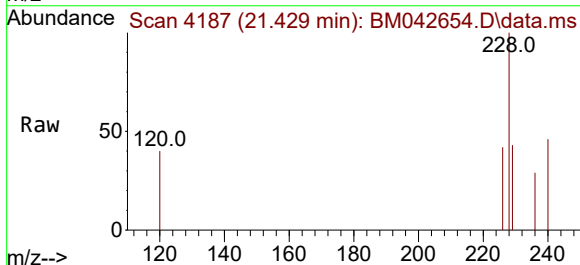
Instrument :
BNA_M
ClientSampleId :
COAL4

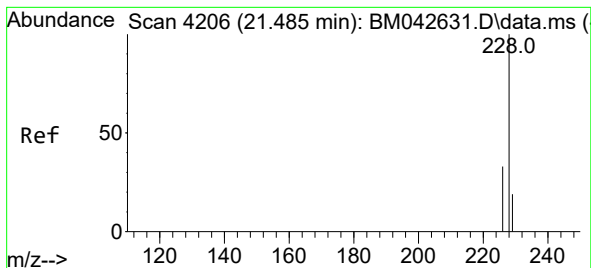
Tgt Ion:202 Resp: 1996
Ion Ratio Lower Upper
202 100
101 18.7 10.6 16.0#
100 19.4 8.6 13.0#



#21
Benzo(a)anthracene
Concen: 0.053 ng/ul
RT: 21.429 min Scan# 4187
Delta R.T. -0.007 min
Lab File: BM042654.D
Acq: 08 Nov 2023 17:58

Tgt Ion:228 Resp: 591
Ion Ratio Lower Upper
228 100
229 43.1 17.0 25.4#
226 41.9 25.2 37.8#





#22

Chrysene

Concen: 0.097 ng/ul

RT: 21.485 min Scan# 41

Delta R.T. -0.007 min

Lab File: BM042654.D

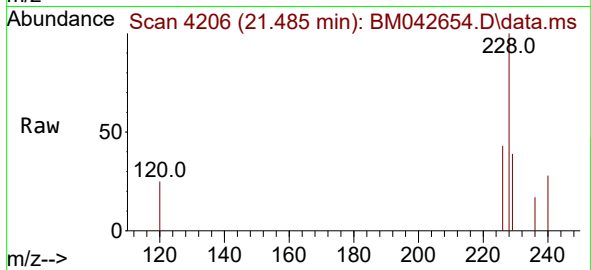
Acq: 08 Nov 2023 17:58

Instrument :

BNA_M

ClientSampleId :

COAL4



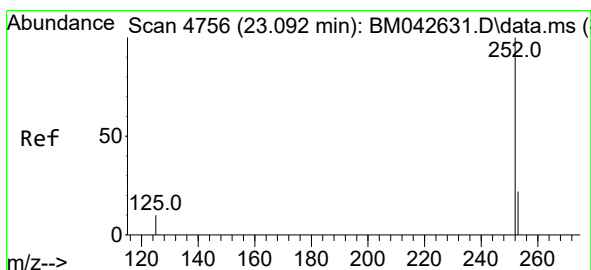
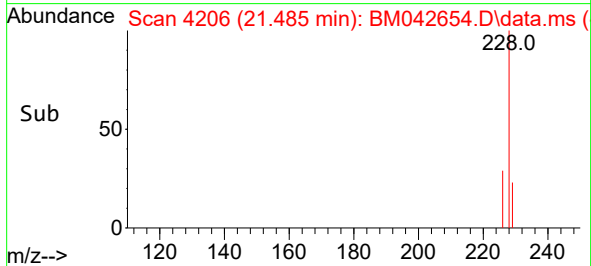
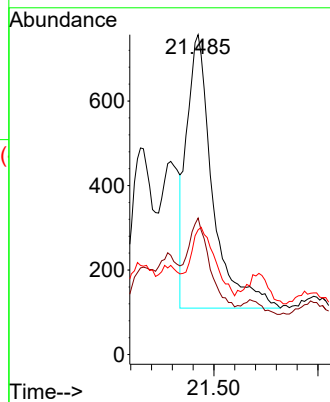
Tgt Ion:228 Resp: 1119

Ion Ratio Lower Upper

228 100

226 42.7 27.4 41.0#

229 39.0 17.0 25.6#



#24

Benzo(b)fluoranthene

Concen: 0.113 ng/ul

RT: 23.092 min Scan# 4756

Delta R.T. -0.007 min

Lab File: BM042654.D

Acq: 08 Nov 2023 17:58

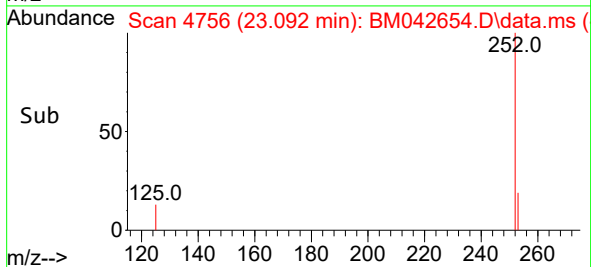
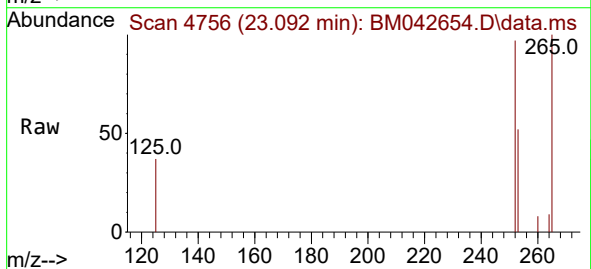
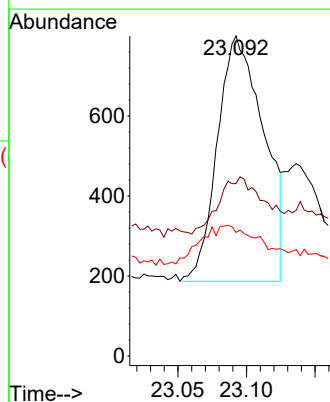
Tgt Ion:252 Resp: 1445

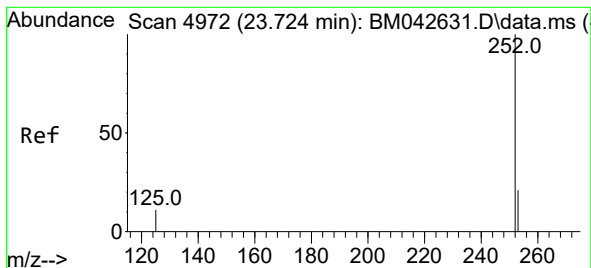
Ion Ratio Lower Upper

252 100

253 53.9 0.0 65.8

125 38.6 0.0 43.6





#26

Benzo(a)pyrene

Concen: 0.049 ng/ul

RT: 23.712 min Scan# 4968

Delta R.T. -0.022 min

Lab File: BM042654.D

Acq: 08 Nov 2023 17:58

Instrument :

BNA_M

ClientSampleId :

COAL4

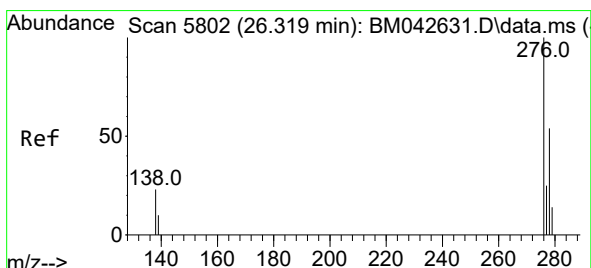
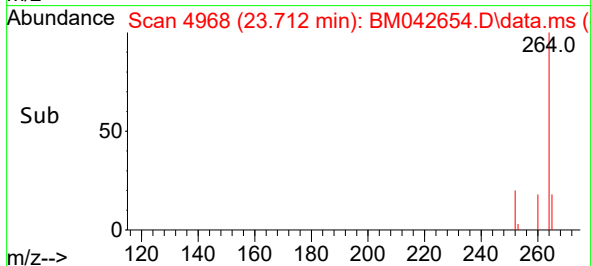
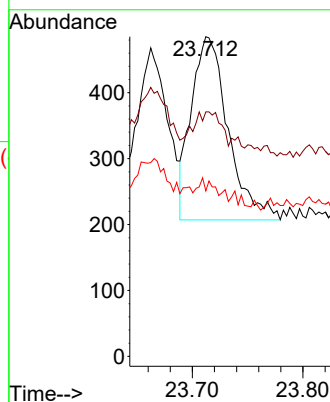
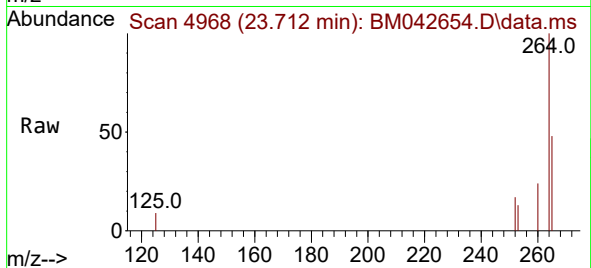
Tgt Ion:252 Resp: 644

Ion Ratio Lower Upper

252 100

253 76.5 31.7 47.5#

125 51.8 22.1 33.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.039 ng/ul

RT: 26.306 min Scan# 5798

Delta R.T. -0.022 min

Lab File: BM042654.D

Acq: 08 Nov 2023 17:58

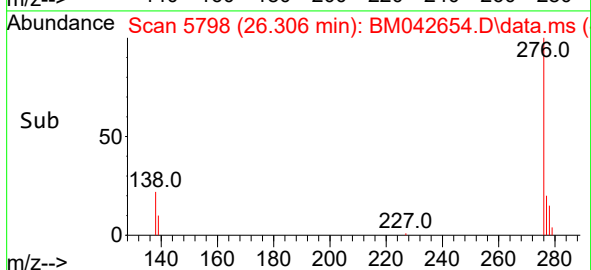
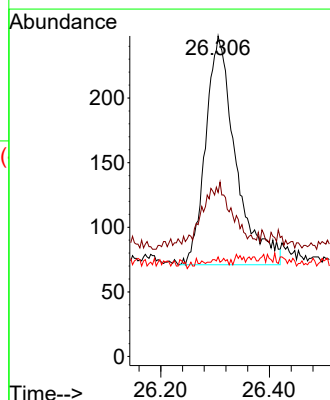
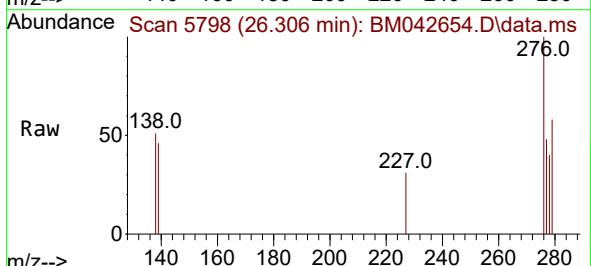
Tgt Ion:276 Resp: 679

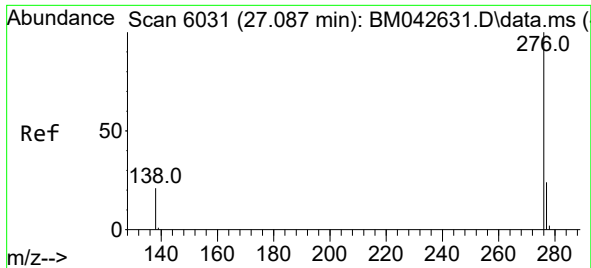
Ion Ratio Lower Upper

276 100

138 27.5 20.7 31.1

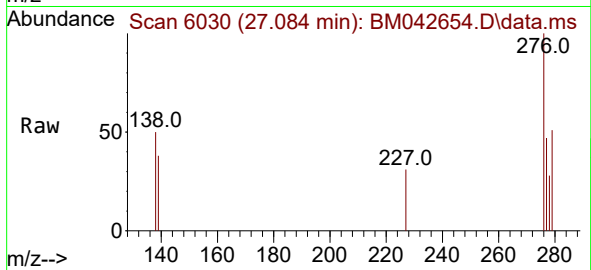
227 0.4 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.055 ng/ul
 RT: 27.084 min Scan# 6030
 Delta R.T. -0.022 min
 Lab File: BM042654.D
 Acq: 08 Nov 2023 17:58

Instrument :
 BNA_M
 ClientSampleId :
 C0AL4



Tgt Ion:276 Resp: 876
 Ion Ratio Lower Upper
 276 100
 138 49.8 22.3 33.5#
 277 47.2 23.6 35.4#

