

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041502.D
 Acq On : 25 Aug 2023 20:21
 Operator : MA/JU
 Sample : 04037-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ8

Quant Time: Aug 26 00:18:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 24 18:34:12 2023
 Response via : Initial Calibration

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

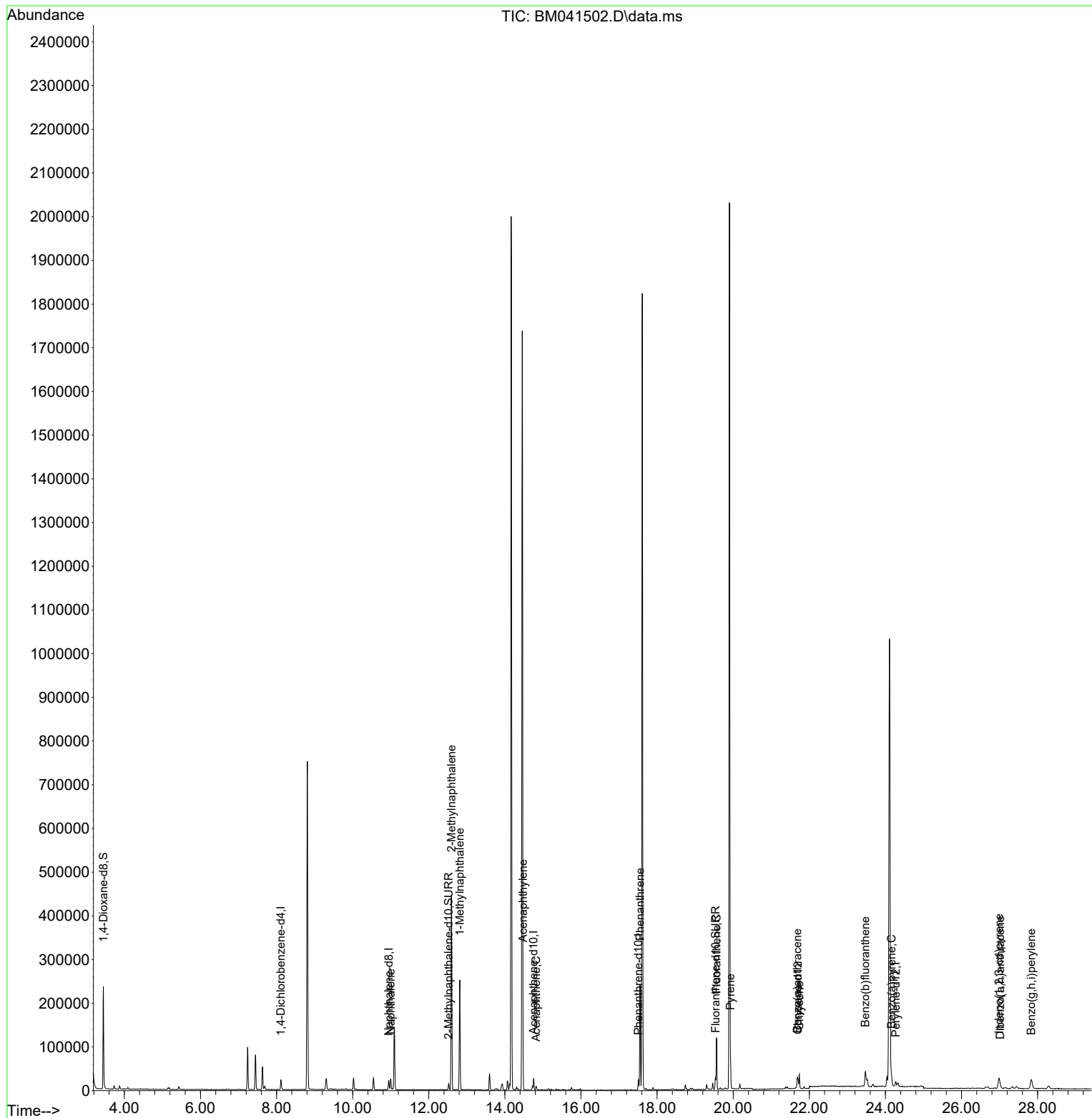
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10819	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	28233	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	13545	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.510	188	24631	0.400	ng/ul	0.00
17) Chrysene-d12	21.699	240	13085	0.400	ng/ul	0.00
23) Perylene-d12	24.272	264	15987	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	130046	9.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	16277	0.437	ng/ul	0.00
18) Fluoranthene-d10	19.533	212	22568	0.391	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.999	128	34653	0.412	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	299649	5.929	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	164523	3.201	ng/ul	100
10) Acenaphthylene	14.476	152	3035	0.037	ng/ul#	2
11) Acenaphthene	14.819	153	5291	0.093	ng/ul	98
15) Phenanthrene	17.552	178	246958	2.731	ng/ul	100
19) Fluoranthene	19.561	202	96207	0.801	ng/ul	99
20) Pyrene	19.928	202	54501	0.450	ng/ul	99
21) Benzo(a)anthracene	21.682	228	20101	0.236	ng/ul#	87
22) Chrysene	21.737	228	33207	0.361	ng/ul#	92
24) Benzo(b)fluoranthene	23.474	252	59362	0.542	ng/ul	85
26) Benzo(a)pyrene	24.158	252	37410	0.416	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.988	276	45901	0.408	ng/ul#	88
28) Dibenzo(a,h)anthracene	27.018	278	10000	0.116	ng/ul#	49
29) Benzo(g,h,i)perylene	27.833	276	49855	0.504	ng/ul	97

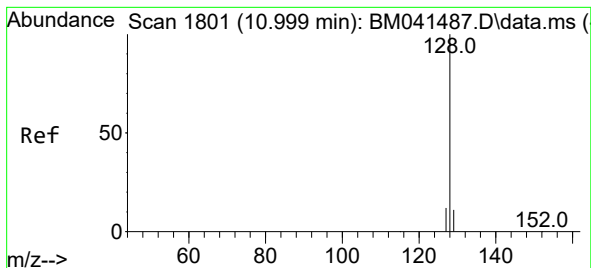
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.412 ng/ul

RT: 10.999 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BM041502.D

Acq: 25 Aug 2023 20:21

Instrument :

BNA_M

ClientSampleId :

EZYJ8

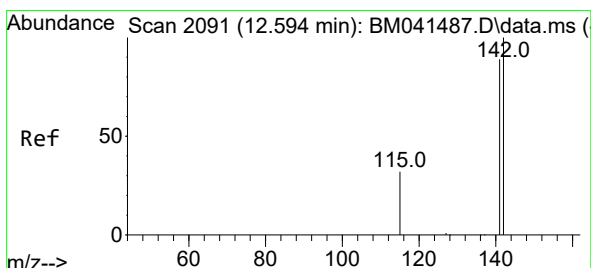
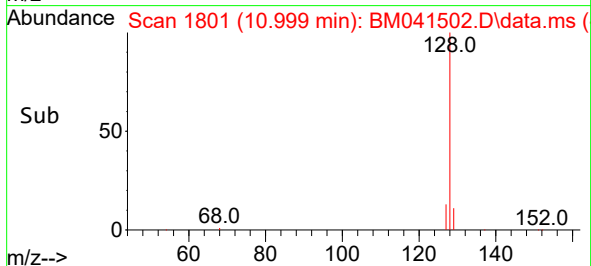
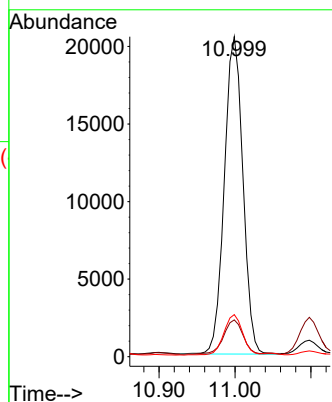
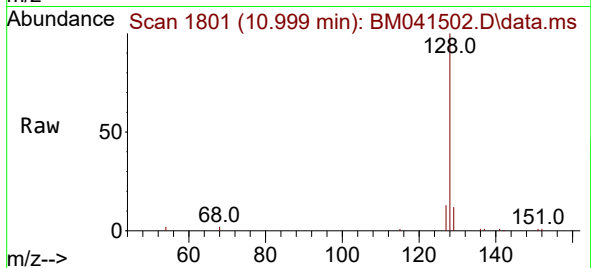
Tgt Ion:128 Resp: 34653

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

127 13.2 10.6 15.8



#7

2-Methylnaphthalene

Concen: 5.929 ng/ul

RT: 12.594 min Scan# 2091

Delta R.T. -0.006 min

Lab File: BM041502.D

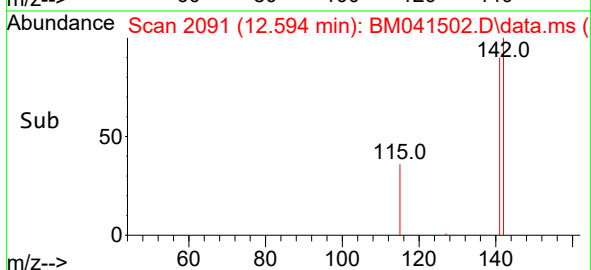
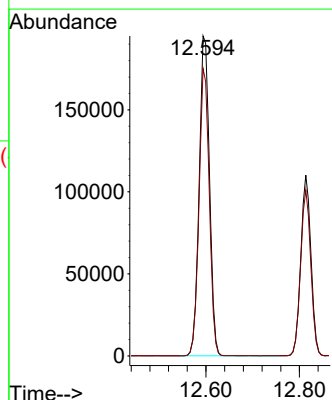
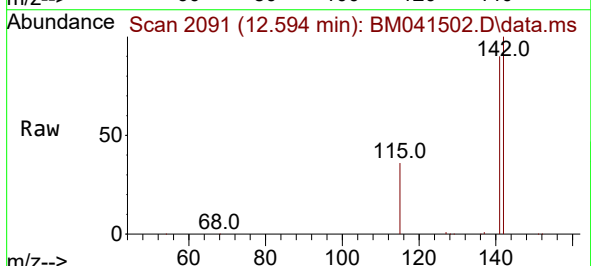
Acq: 25 Aug 2023 20:21

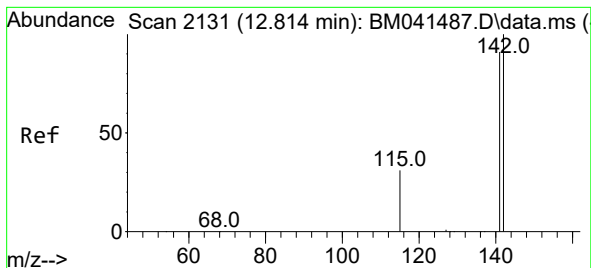
Tgt Ion:142 Resp: 299649

Ion Ratio Lower Upper

142 100

141 89.0 71.1 106.7





#8

1-Methylnaphthalene

Concen: 3.201 ng/ul

RT: 12.814 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BM041502.D

Acq: 25 Aug 2023 20:21

Instrument :

BNA_M

ClientSampleId :

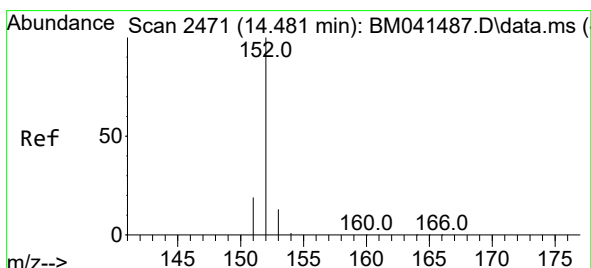
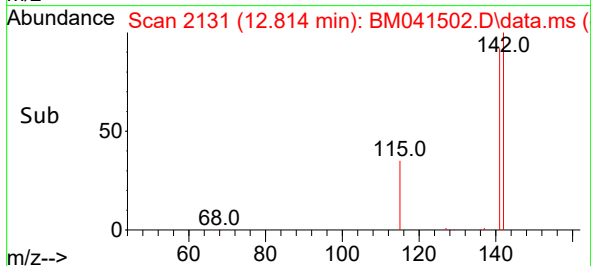
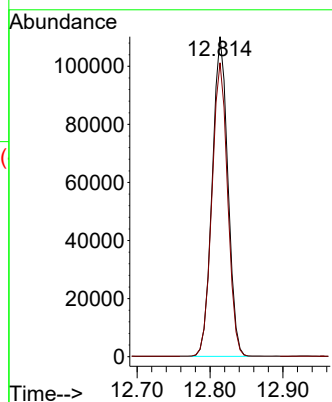
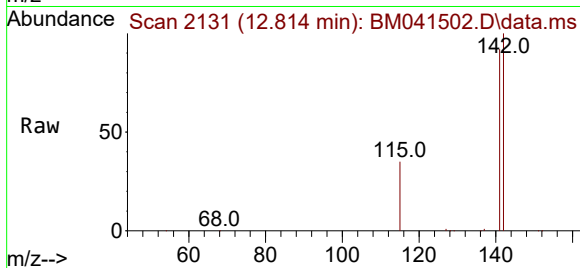
EZYJ8

Tgt Ion:142 Resp: 164523

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2



#10

Acenaphthylene

Concen: 0.037 ng/ul

RT: 14.476 min Scan# 2470

Delta R.T. -0.009 min

Lab File: BM041502.D

Acq: 25 Aug 2023 20:21

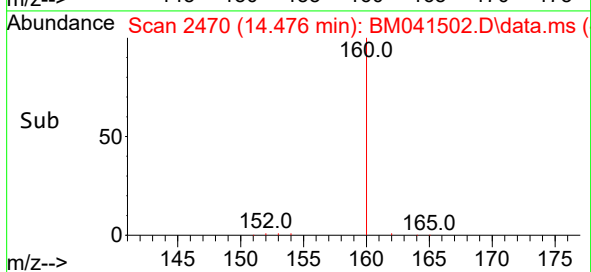
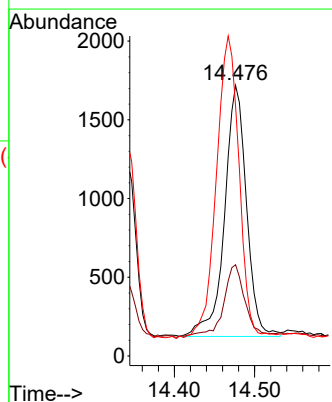
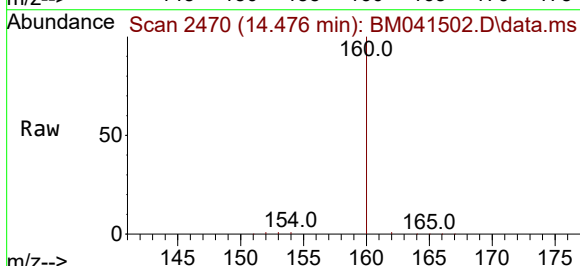
Tgt Ion:152 Resp: 3035

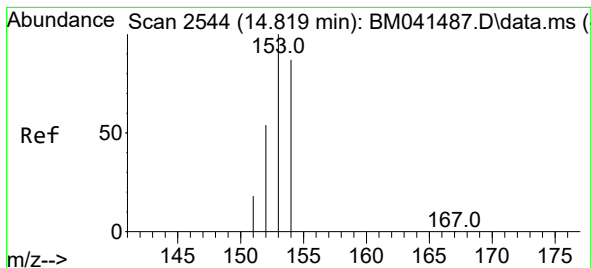
Ion Ratio Lower Upper

152 100

151 33.7 15.8 23.6#

153 92.4 10.6 15.8#





#11

Acenaphthene

Concen: 0.093 ng/ul

RT: 14.819 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041502.D

Acq: 25 Aug 2023 20:21

Instrument :

BNA_M

ClientSampleId :

EZYJ8

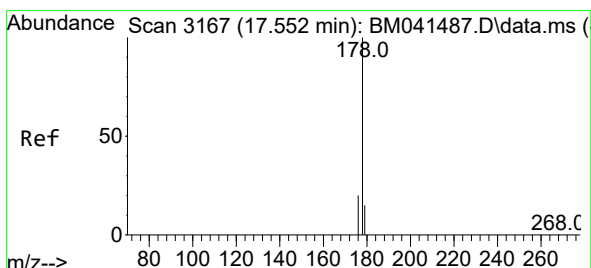
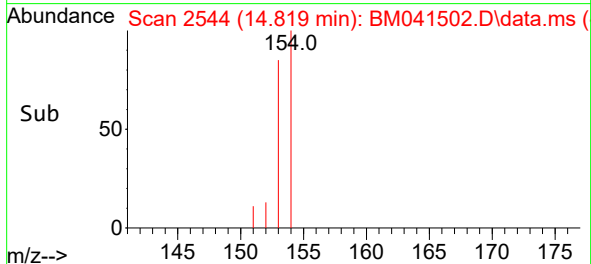
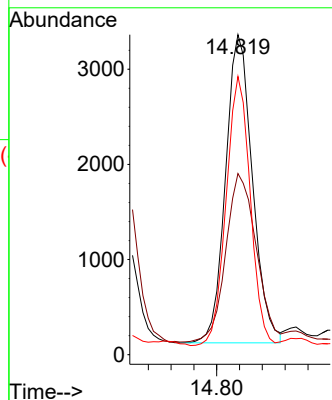
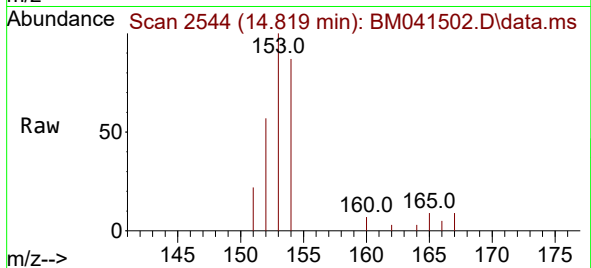
Tgt Ion:153 Resp: 5291

Ion Ratio Lower Upper

153 100

152 56.6 42.9 64.3

154 87.0 68.9 103.3



#15

Phenanthrene

Concen: 2.731 ng/ul

RT: 17.552 min Scan# 3167

Delta R.T. -0.004 min

Lab File: BM041502.D

Acq: 25 Aug 2023 20:21

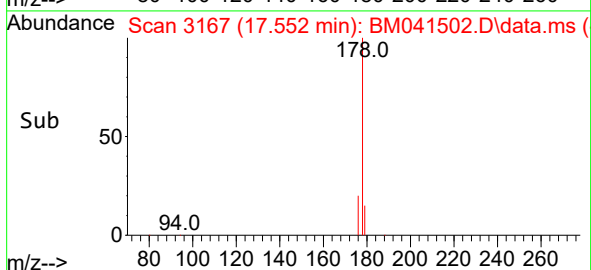
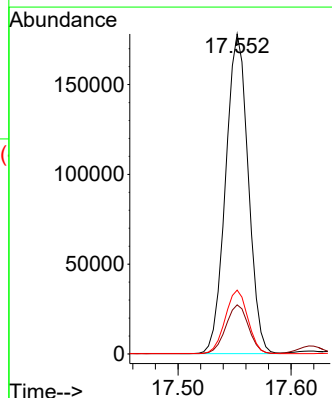
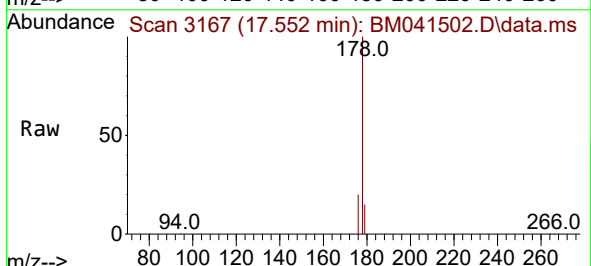
Tgt Ion:178 Resp: 246958

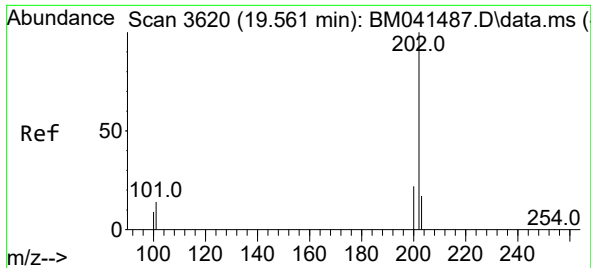
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 20.0 15.8 23.8

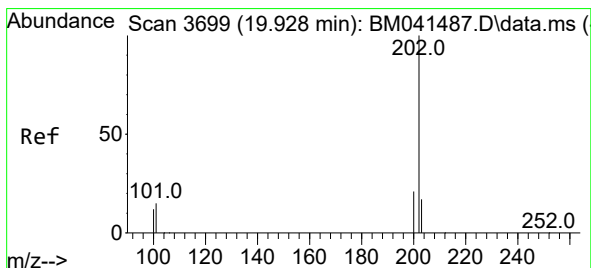
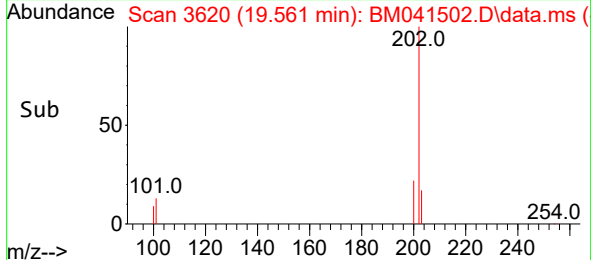
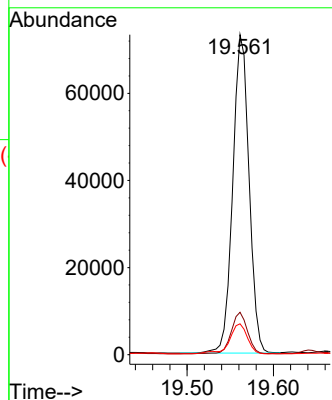
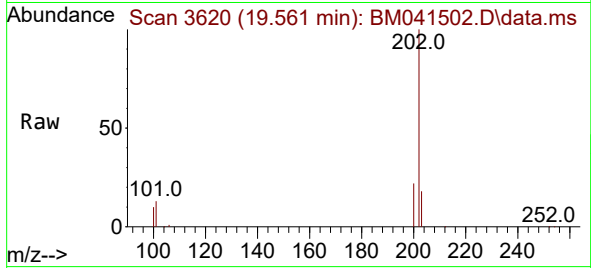




#19
Fluoranthene
Concen: 0.801 ng/ul
RT: 19.561 min Scan# 3620
Delta R.T. -0.005 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

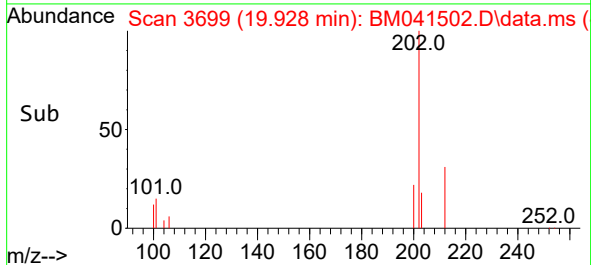
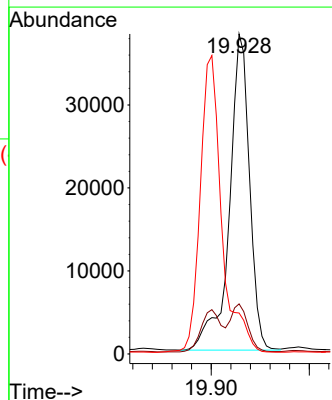
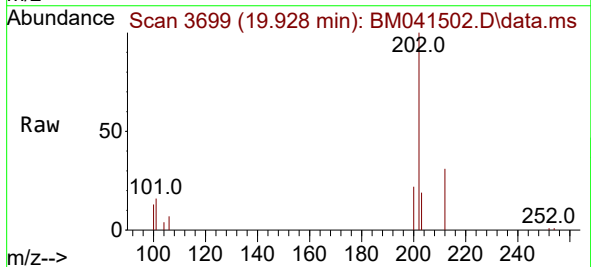
Instrument :
BNA_M
ClientSampleId :
EZYJ8

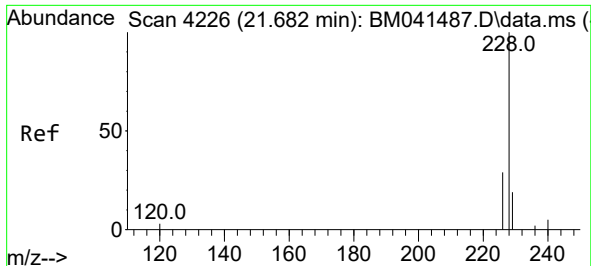
Tgt Ion:202 Resp: 96207
Ion Ratio Lower Upper
202 100
101 13.3 11.0 16.6
100 9.7 7.9 11.9



#20
Pyrene
Concen: 0.450 ng/ul
RT: 19.928 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

Tgt Ion:202 Resp: 54501
Ion Ratio Lower Upper
202 100
101 15.7 12.2 18.2
100 12.8 9.8 14.8

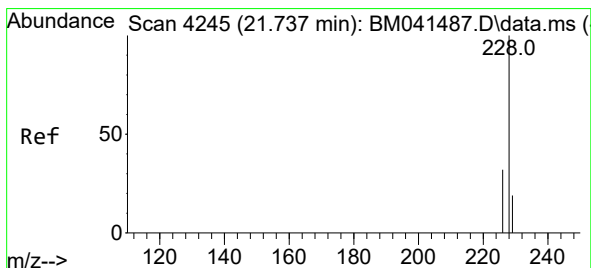
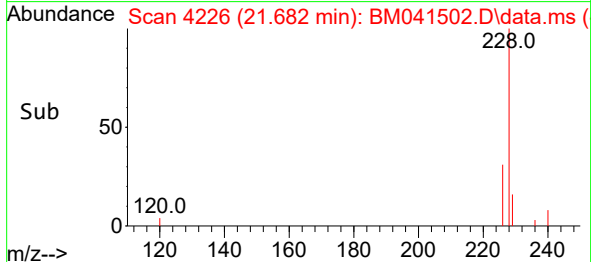
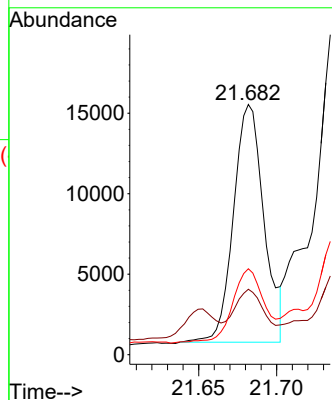
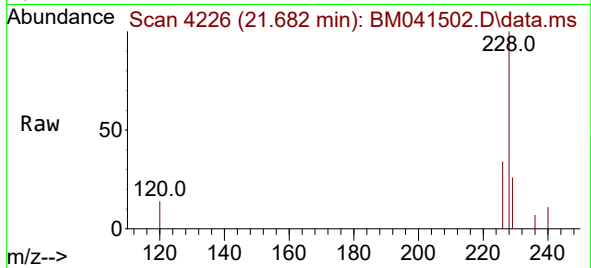




#21
Benzo(a)anthracene
Concen: 0.236 ng/ul
RT: 21.682 min Scan# 4226
Delta R.T. -0.006 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

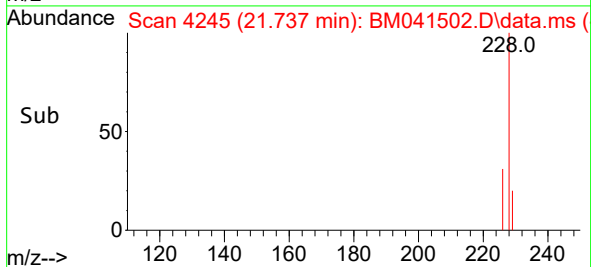
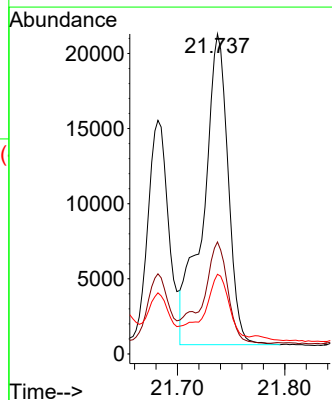
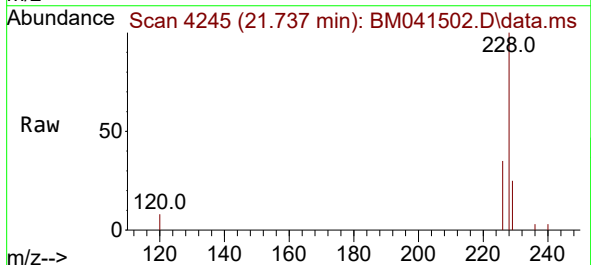
Instrument :
BNA_M
ClientSampleId :
EZYJ8

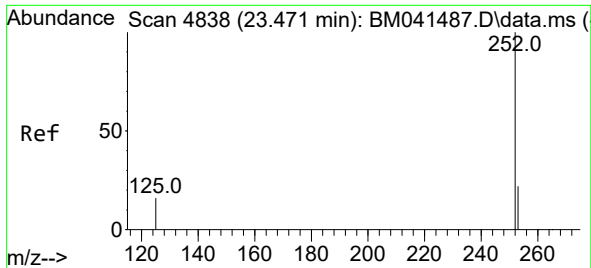
Tgt Ion:228 Resp: 20101
Ion Ratio Lower Upper
228 100
229 26.2 15.3 22.9#
226 34.3 22.7 34.1#



#22
Chrysene
Concen: 0.361 ng/ul
RT: 21.737 min Scan# 4245
Delta R.T. -0.006 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

Tgt Ion:228 Resp: 33207
Ion Ratio Lower Upper
228 100
226 35.0 25.6 38.4
229 24.9 15.7 23.5#

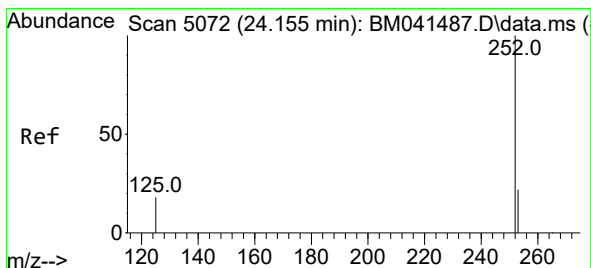
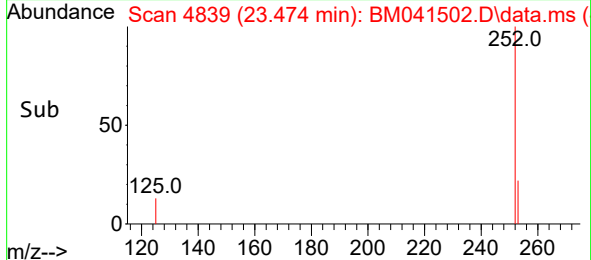
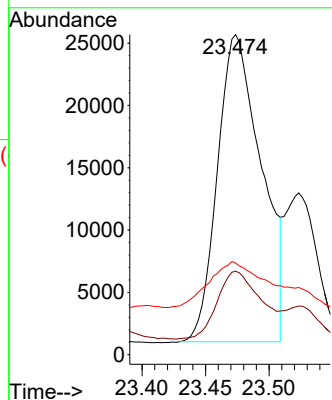
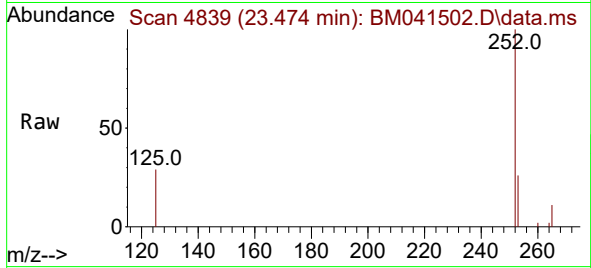




#24
Benzo(b)fluoranthene
Concen: 0.542 ng/ul
RT: 23.474 min Scan# 4838
Delta R.T. -0.009 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

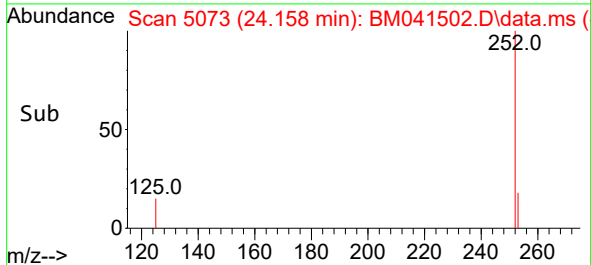
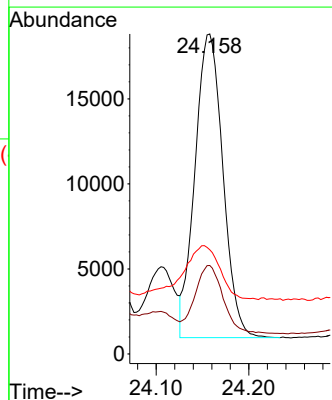
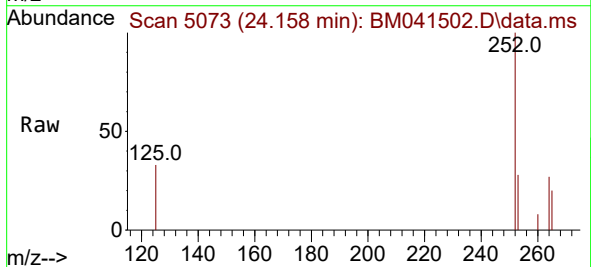
Instrument :
BNA_M
ClientSampleId :
EZYJ8

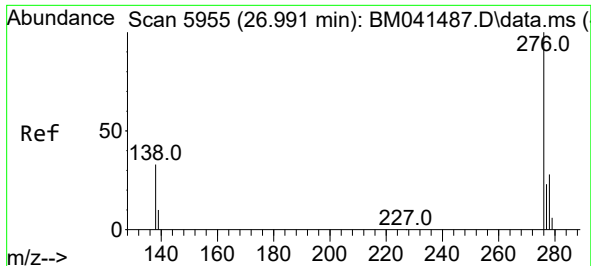
Tgt Ion:252 Resp: 59362
Ion Ratio Lower Upper
252 100
253 26.1 0.0 46.8
125 28.7 0.0 32.8



#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 24.158 min Scan# 5073
Delta R.T. -0.006 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

Tgt Ion:252 Resp: 37410
Ion Ratio Lower Upper
252 100
253 27.6 19.5 29.3
125 32.5 16.0 24.0#

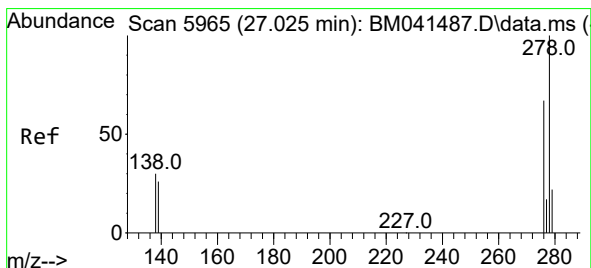
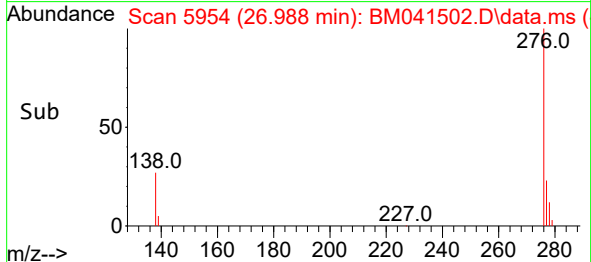
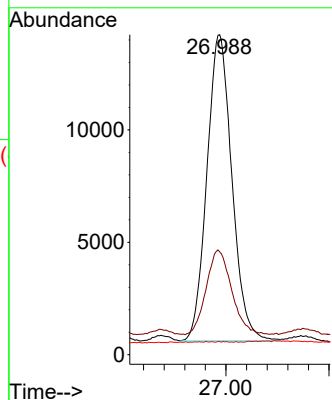
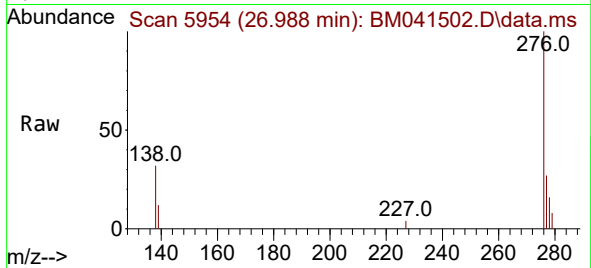




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.408 ng/ul
 RT: 26.988 min Scan# 5954
 Delta R.T. -0.017 min
 Lab File: BM041502.D
 Acq: 25 Aug 2023 20:21

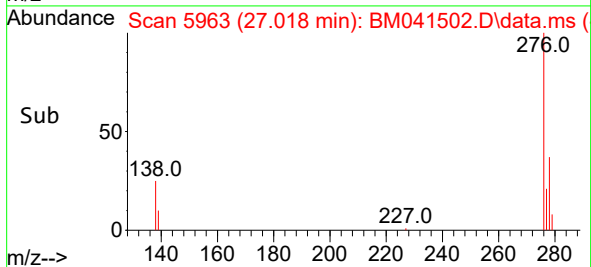
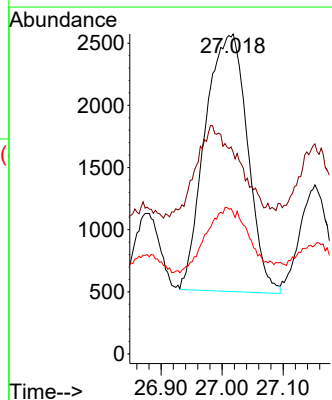
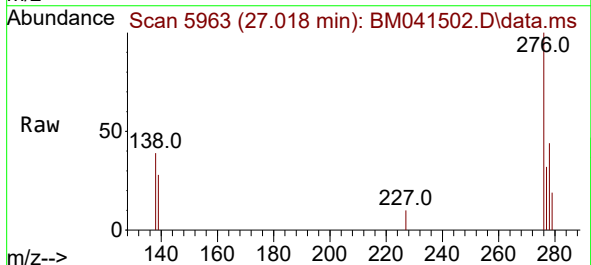
Instrument :
 BNA_M
 ClientSampleId :
 EYZJ8

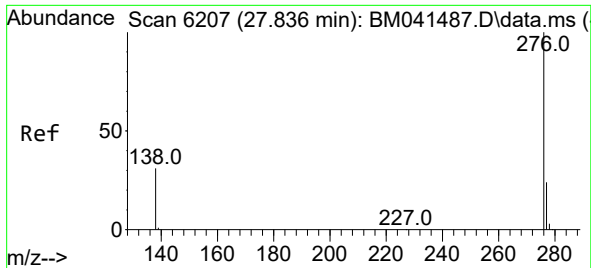
Tgt Ion:276 Resp: 45901
 Ion Ratio Lower Upper
 276 100
 138 28.0 27.8 41.6
 227 0.0 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.116 ng/ul
 RT: 27.018 min Scan# 5963
 Delta R.T. -0.027 min
 Lab File: BM041502.D
 Acq: 25 Aug 2023 20:21

Tgt Ion:278 Resp: 10000
 Ion Ratio Lower Upper
 278 100
 139 63.1 21.9 32.9#
 279 44.1 21.4 32.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.504 ng/ul
 RT: 27.833 min Scan# 61
 Delta R.T. -0.020 min
 Lab File: BM041502.D
 Acq: 25 Aug 2023 20:21

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.7	25.9	38.9
277	26.9	19.4	29.2

