

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041499.D
 Acq On : 25 Aug 2023 18:30
 Operator : MA/JU
 Sample : 04037-11RE
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ5

Quant Time: Aug 26 00:18:16 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)

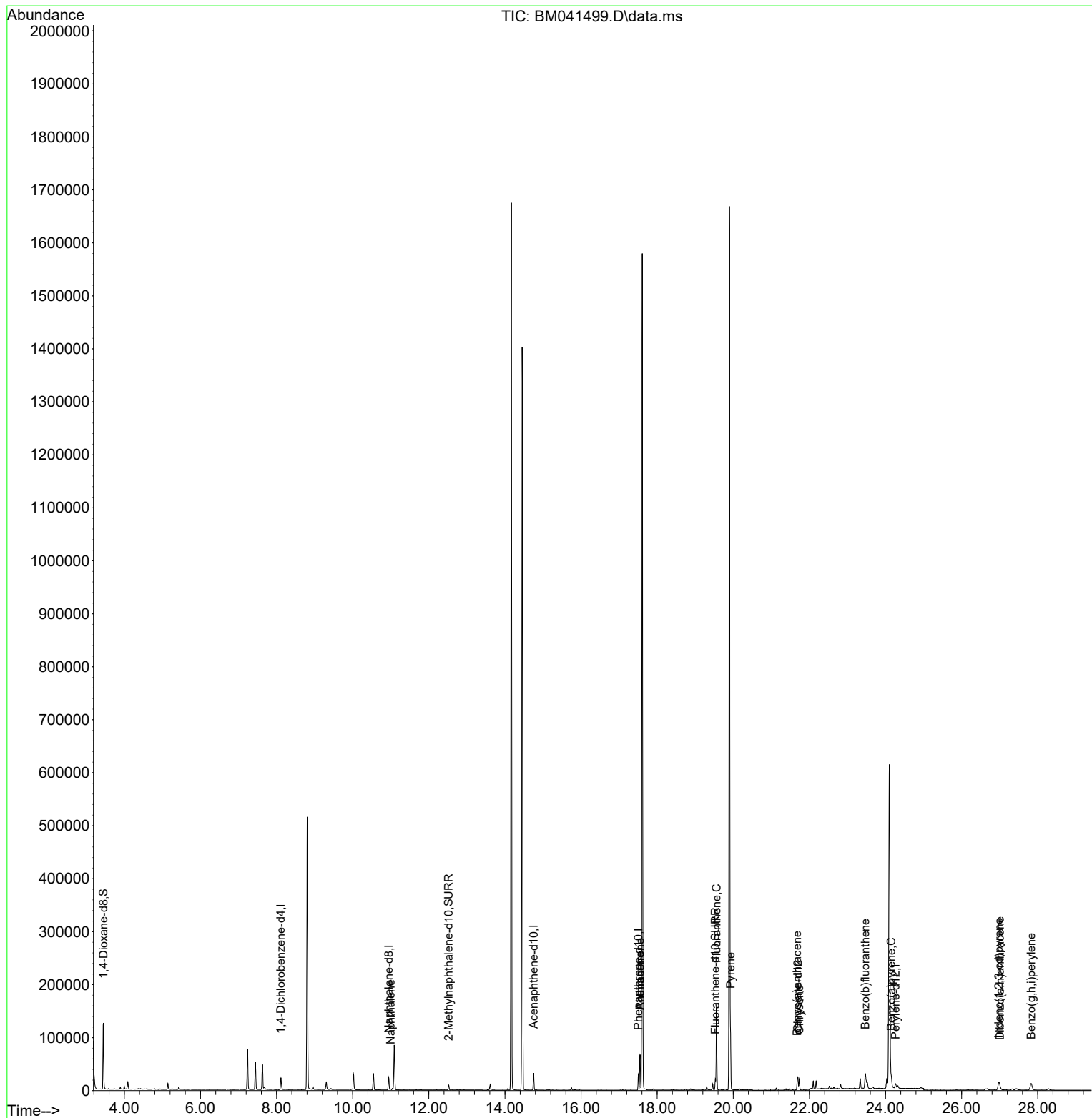
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10740	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	31136	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	16080	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	31596	0.400	ng/ul	0.00
17) Chrysene-d12	21.696	240	13653	0.400	ng/ul	# 0.00
23) Perylene-d12	24.266	264	12632	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	73670	5.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	11335	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	17038	0.283	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.999	128	2314	0.025	ng/ul#	86
15) Phenanthrene	17.548	178	71087	0.613	ng/ul	99
16) Anthracene	17.548	178	46563	0.441	ng/ul	99
19) Fluoranthene	19.561	202	123331	0.984	ng/ul	98
20) Pyrene	19.929	202	82418	0.652	ng/ul	98
21) Benzo(a)anthracene	21.679	228	15128	0.170	ng/ul	96
22) Chrysene	21.734	228	19552	0.204	ng/ul	97
24) Benzo(b)fluoranthene	23.468	252	49632	0.574	ng/ul	97
26) Benzo(a)pyrene	24.152	252	26987	0.380	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.978	276	30392	0.342	ng/ul#	92
28) Dibenzo(a,h)anthracene	27.005	278	7069	0.104	ng/ul#	77
29) Benzo(g,h,i)perylene	27.826	276	31214	0.399	ng/ul	98

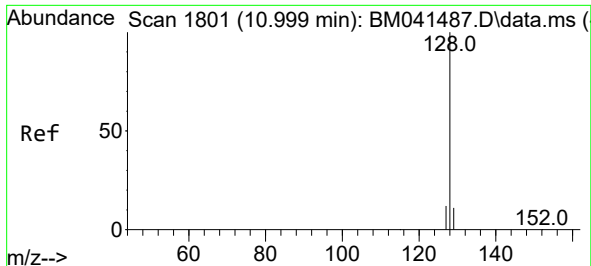
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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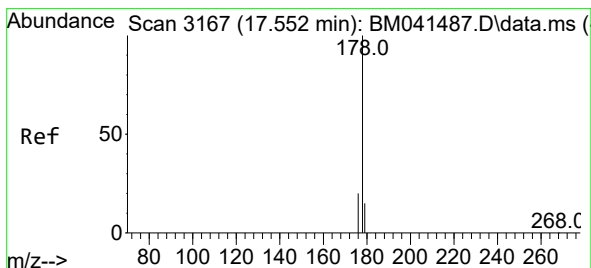
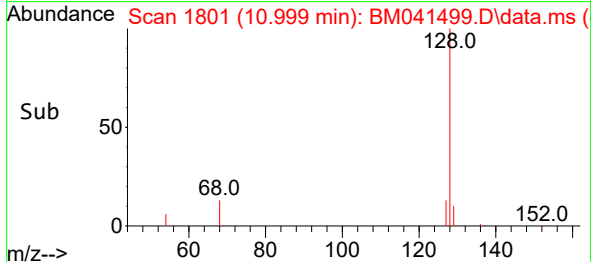
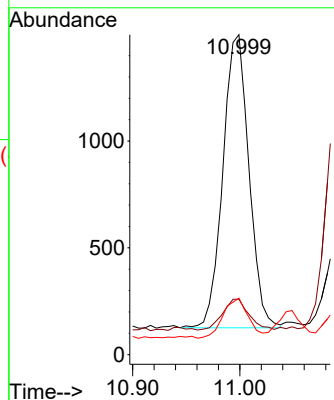
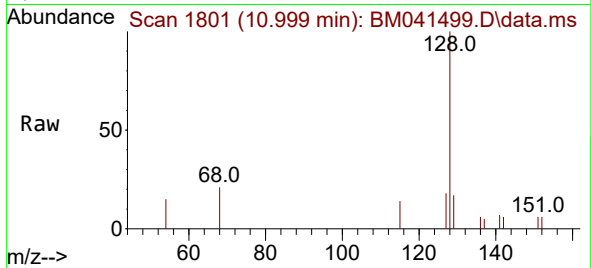




#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BM041499.D
Acq: 25 Aug 2023 18:30

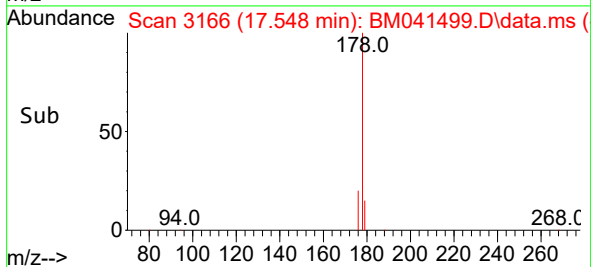
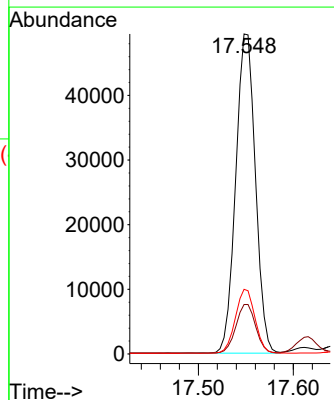
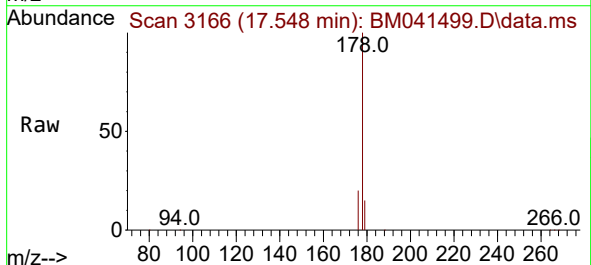
Instrument :
BNA_M
ClientSampleId :
EZYJ5

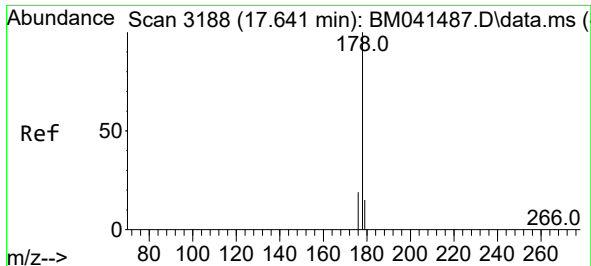
Tgt Ion:128 Resp: 2314
Ion Ratio Lower Upper
128 100
129 17.4 8.9 13.3#
127 17.6 10.6 15.8#



#15
Phenanthrene
Concen: 0.613 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.009 min
Lab File: BM041499.D
Acq: 25 Aug 2023 18:30

Tgt Ion:178 Resp: 71087
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 20.2 15.8 23.8

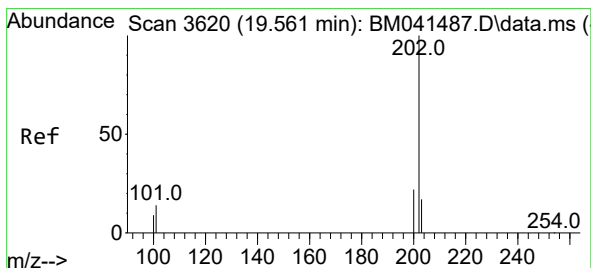
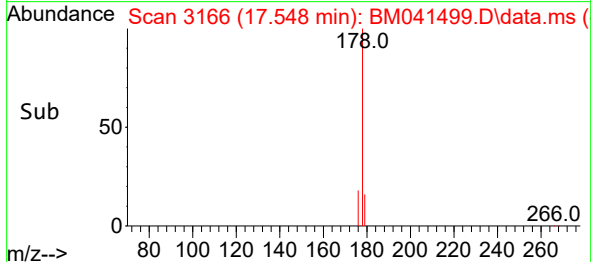
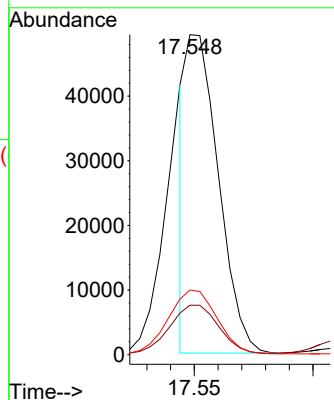
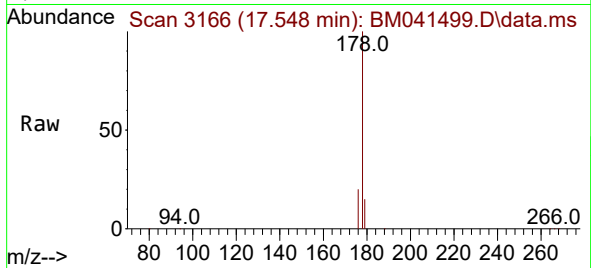




#16
 Anthracene
 Concen: 0.441 ng/ul
 RT: 17.548 min Scan# 3188
 Delta R.T. -0.097 min
 Lab File: BM041499.D
 Acq: 25 Aug 2023 18:30

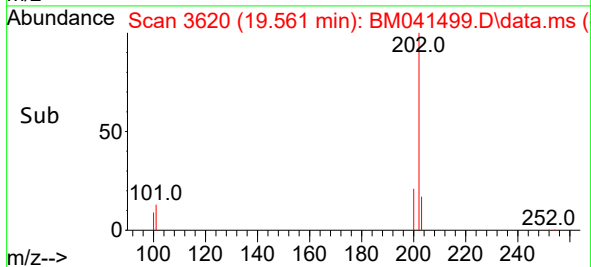
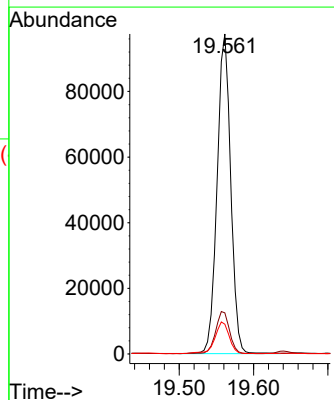
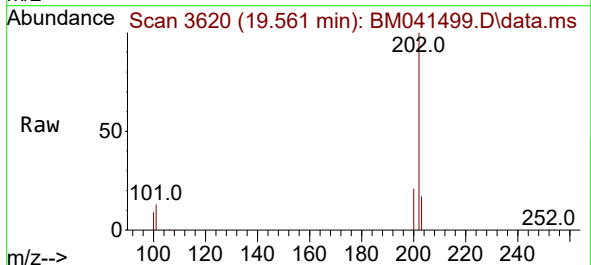
Instrument :
 BNA_M
 ClientSampleId :
 EZYJ5

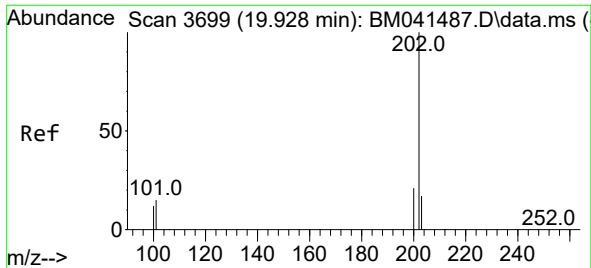
Tgt Ion:178 Resp: 46563
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.6 18.8
 176 20.2 15.5 23.3



#19
 Fluoranthene
 Concen: 0.984 ng/ul
 RT: 19.561 min Scan# 3620
 Delta R.T. -0.005 min
 Lab File: BM041499.D
 Acq: 25 Aug 2023 18:30

Tgt Ion:202 Resp: 123331
 Ion Ratio Lower Upper
 202 100
 101 12.8 11.0 16.6
 100 9.3 7.9 11.9

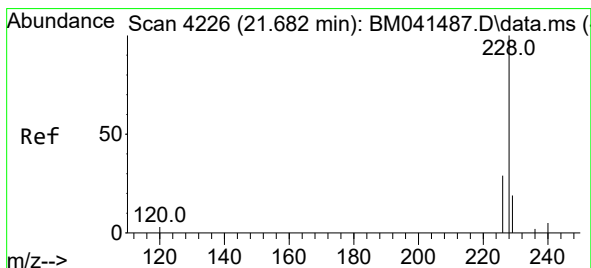
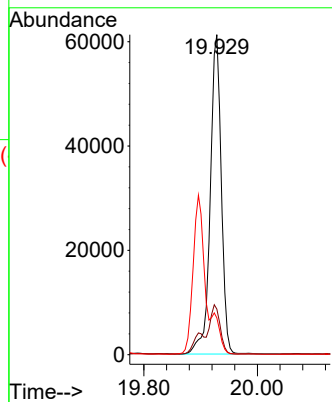
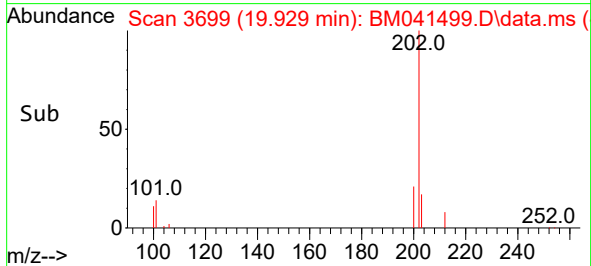
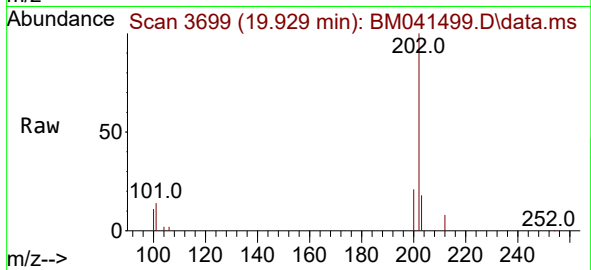




#20
Pyrene
Concen: 0.652 ng/ul
RT: 19.929 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041499.D
Acq: 25 Aug 2023 18:30

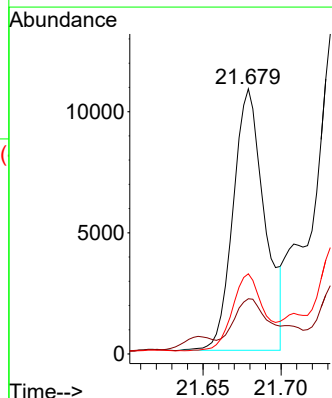
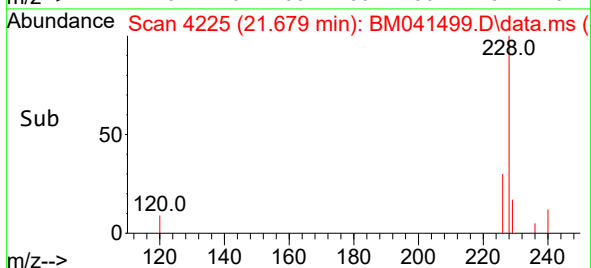
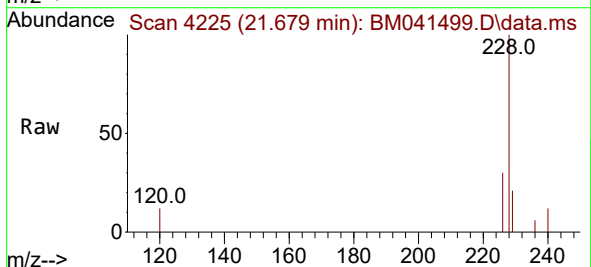
Instrument :
BNA_M
ClientSampleId :
EZYJ5

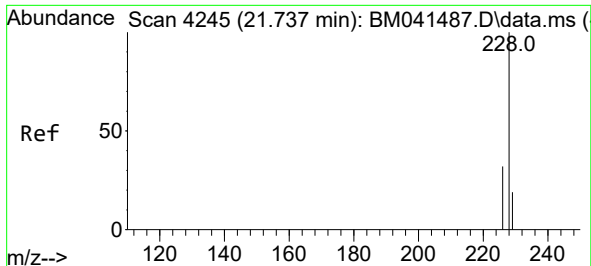
Tgt Ion:202 Resp: 82418
Ion Ratio Lower Upper
202 100
101 14.3 12.2 18.2
100 11.5 9.8 14.8



#21
Benzo(a)anthracene
Concen: 0.170 ng/ul
RT: 21.679 min Scan# 4225
Delta R.T. -0.009 min
Lab File: BM041499.D
Acq: 25 Aug 2023 18:30

Tgt Ion:228 Resp: 15128
Ion Ratio Lower Upper
228 100
229 20.8 15.3 22.9
226 30.2 22.7 34.1





#22

Chrysene

Concen: 0.204 ng/ul

RT: 21.734 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM041499.D

Acq: 25 Aug 2023 18:30

Instrument :

BNA_M

ClientSampleId :

EZYJ5

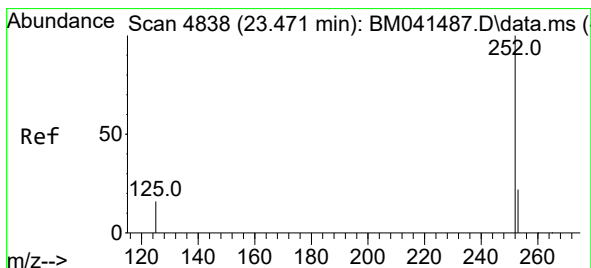
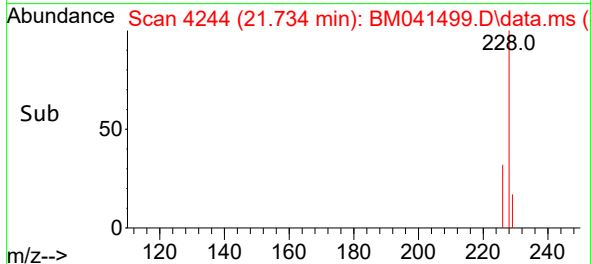
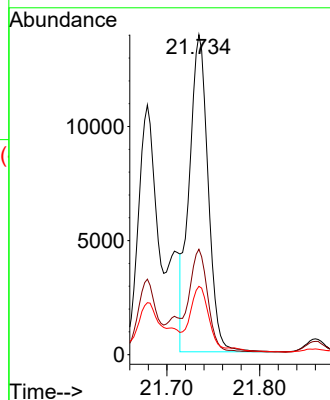
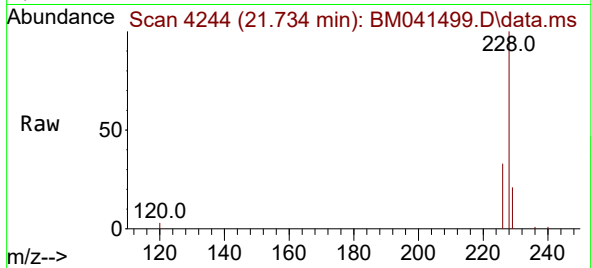
Tgt Ion:228 Resp: 19552

Ion Ratio Lower Upper

228 100

226 32.9 25.6 38.4

229 21.3 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.574 ng/ul

RT: 23.468 min Scan# 4837

Delta R.T. -0.015 min

Lab File: BM041499.D

Acq: 25 Aug 2023 18:30

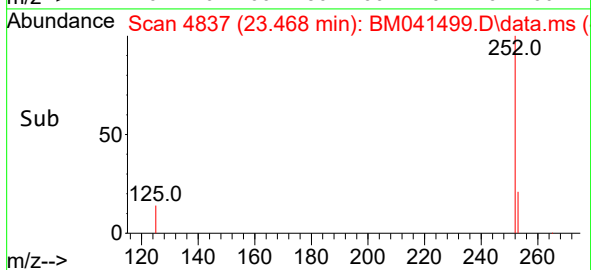
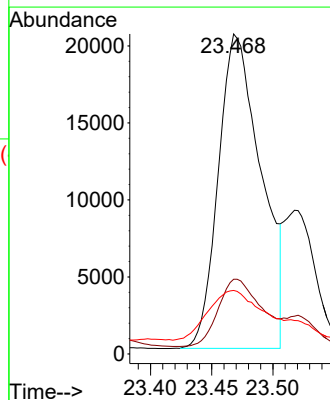
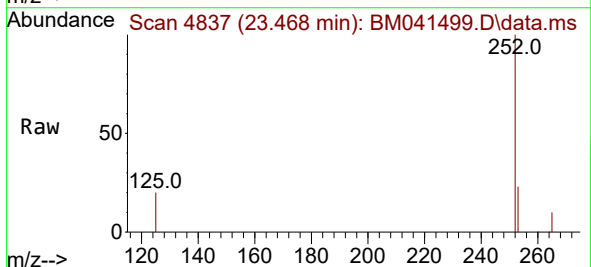
Tgt Ion:252 Resp: 49632

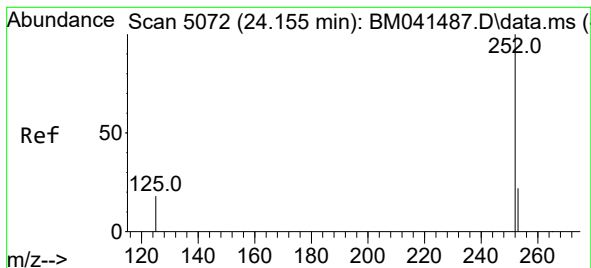
Ion Ratio Lower Upper

252 100

253 23.3 0.0 46.8

125 19.9 0.0 32.8





#26

Benzo(a)pyrene

Concen: 0.380 ng/ul

RT: 24.152 min Scan# 5072

Delta R.T. -0.012 min

Lab File: BM041499.D

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ClientSampleId :

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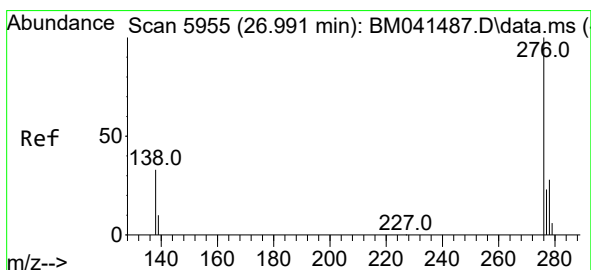
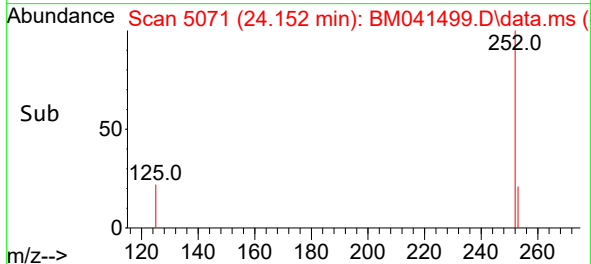
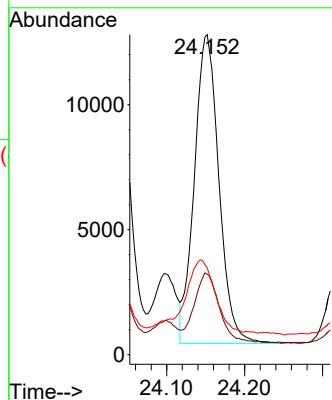
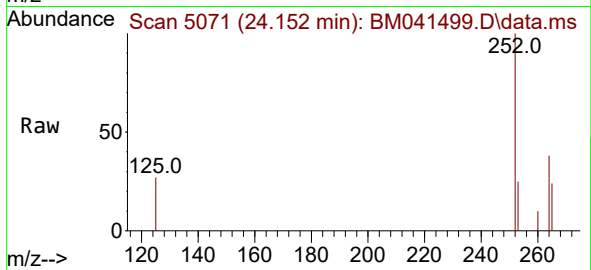
Tgt Ion:252 Resp: 26987

Ion Ratio Lower Upper

252 100

253 25.2 19.5 29.3

125 27.1 16.0 24.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.342 ng/ul

RT: 26.978 min Scan# 5951

Delta R.T. -0.027 min

Lab File: BM041499.D

Acq: 25 Aug 2023 18:30

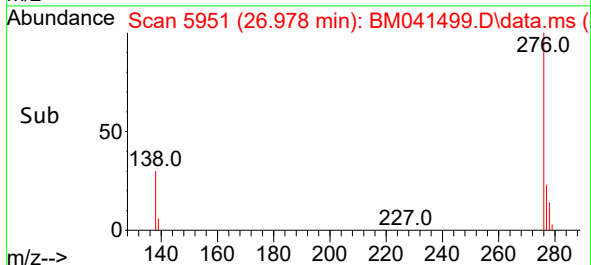
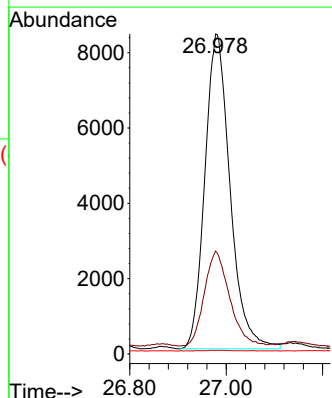
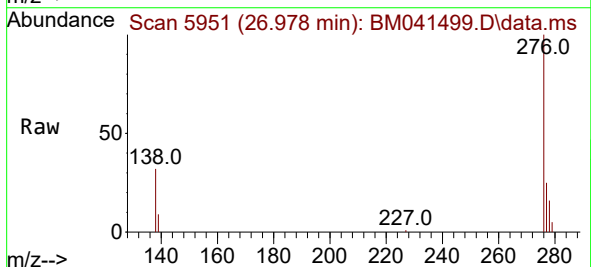
Tgt Ion:276 Resp: 30392

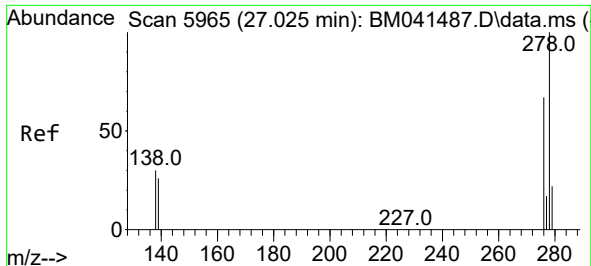
Ion Ratio Lower Upper

276 100

138 30.2 27.8 41.6

227 0.1 0.0 0.0#

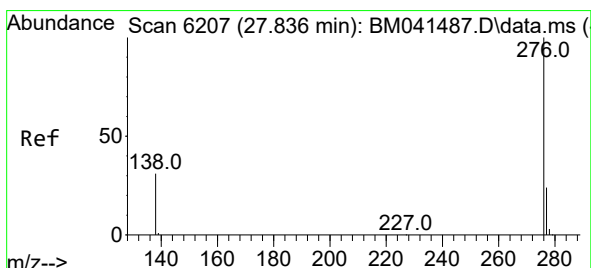
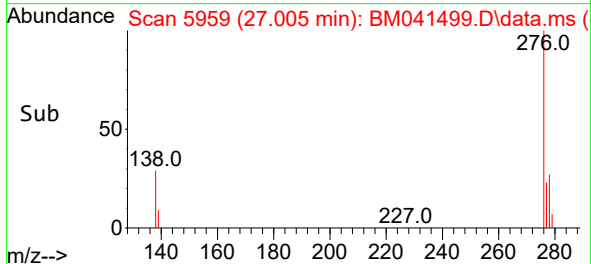
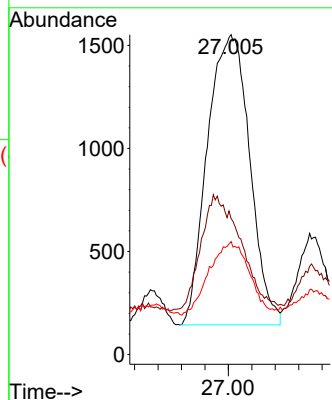
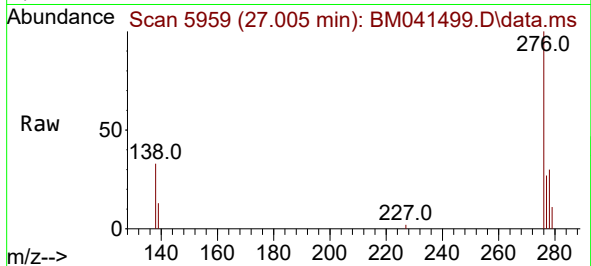




#28
 Dibenzo(a,h)anthracene
 Concen: 0.104 ng/ul
 RT: 27.005 min Scan# 5959
 Delta R.T. -0.040 min
 Lab File: BM041499.D
 Acq: 25 Aug 2023 18:30

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ5

Tgt Ion:278 Resp: 7069
 Ion Ratio Lower Upper
 278 100
 139 42.5 21.9 32.9#
 279 35.3 21.4 32.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.399 ng/ul
 RT: 27.826 min Scan# 6204
 Delta R.T. -0.027 min
 Lab File: BM041499.D
 Acq: 25 Aug 2023 18:30

Tgt Ion:276 Resp: 31214
 Ion Ratio Lower Upper
 276 100
 138 30.7 25.9 38.9
 277 24.6 19.4 29.2

