

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041493.D
 Acq On : 25 Aug 2023 14:10
 Operator : MA/JU
 Sample : 04037-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ6

Quant Time: Aug 26 00:17:19 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)

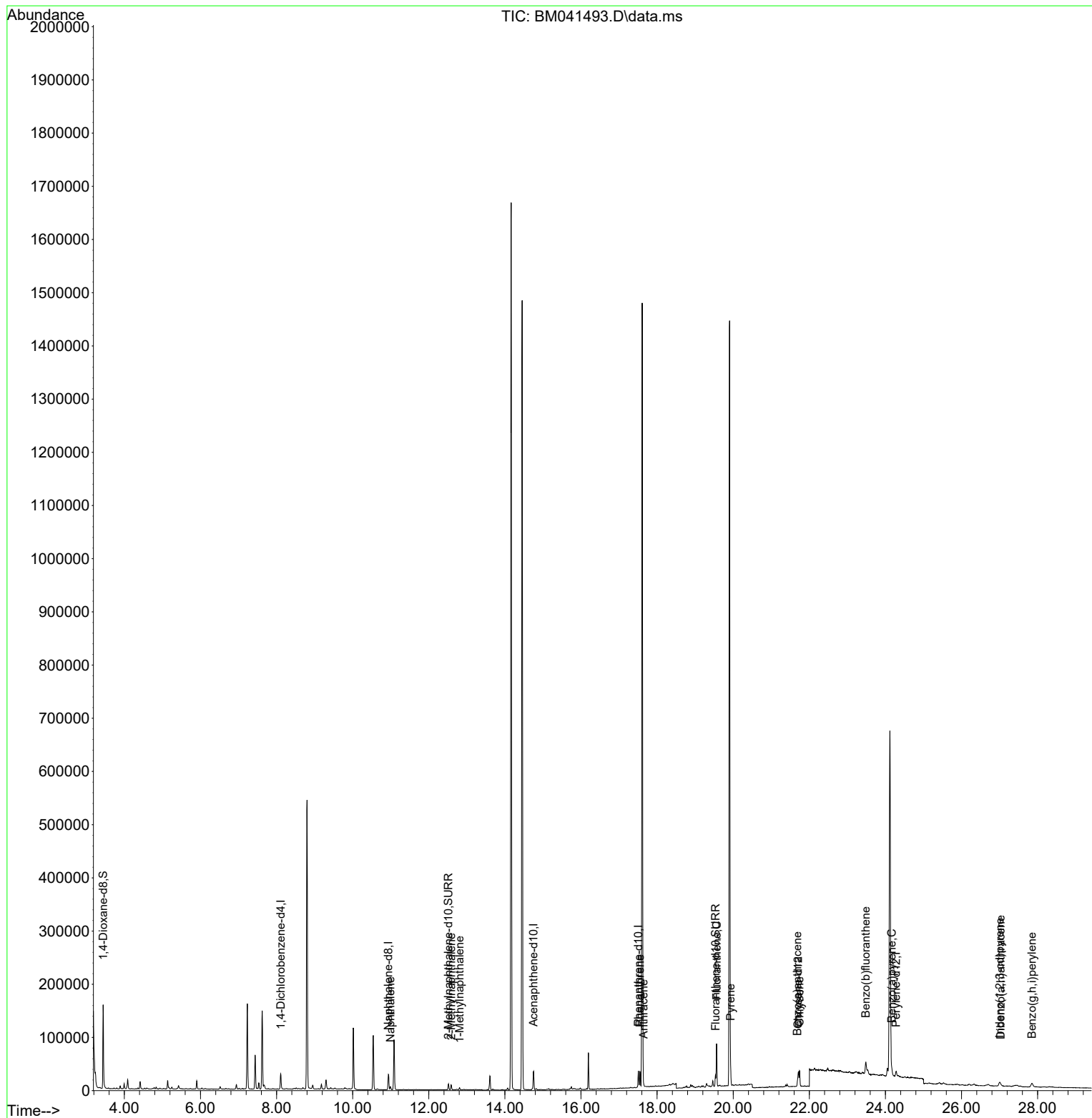
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	13719	0.400	ng/ul	0.00
4) Naphthalene-d8	10.939	136	38955	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.754	164	17596	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.510	188	32760	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.705	240	14491	0.400	ng/ul	# 0.00
23) Perylene-d12	24.281	264	15666	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.444	96	91140	5.249	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	13050	0.254	ng/ul	-0.01
18) Fluoranthene-d10	19.534	212	16543	0.259	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.994	128	8052	0.069	ng/ul	95
7) 2-Methylnaphthalene	12.588	142	6502	0.093	ng/ul	97
8) 1-Methylnaphthalene	12.808	142	2604	0.037	ng/ul	100
15) Phenanthrene	17.548	178	30631	0.255	ng/ul	95
16) Anthracene	17.645	178	3703	0.034	ng/ul#	64
19) Fluoranthene	19.566	202	66470	0.500	ng/ul	98
20) Pyrene	19.933	202	29862	0.223	ng/ul#	90
21) Benzo(a)anthracene	21.688	228	8206	0.087	ng/ul#	76
22) Chrysene	21.743	228	25925	0.254	ng/ul#	94
24) Benzo(b)fluoranthene	23.485	252	37003	0.345	ng/ul#	1
26) Benzo(a)pyrene	24.167	252	11043	0.125	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	27.005	276	17070	0.155	ng/ul#	85
28) Dibenzo(a,h)anthracene	27.028	278	3334	0.040	ng/ul#	1
29) Benzo(g,h,i)perylene	27.850	276	17220	0.178	ng/ul#	53

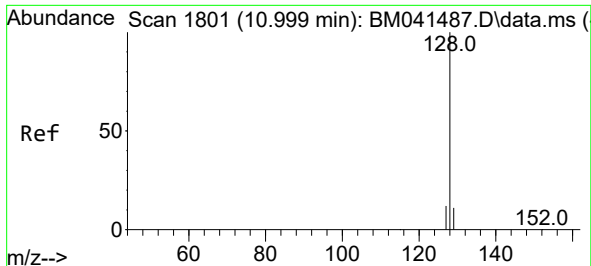
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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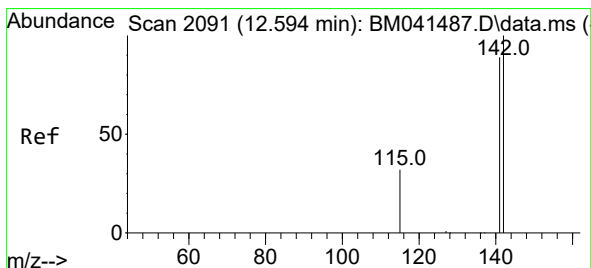
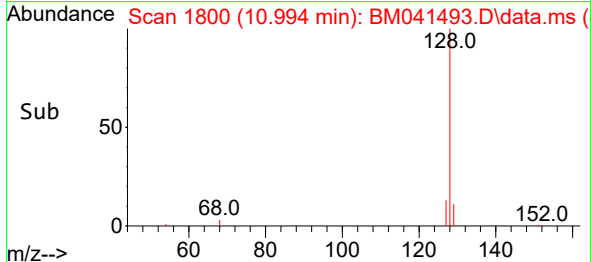
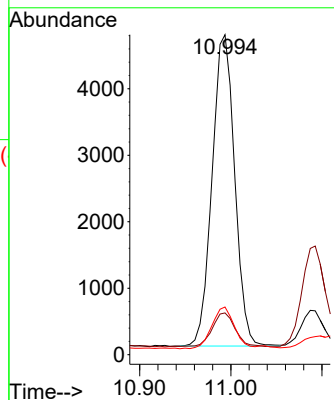
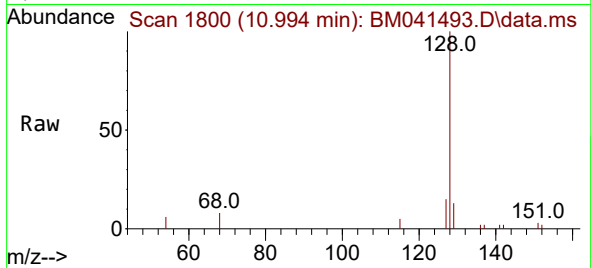




#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.994 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BM041493.D
Acq: 25 Aug 2023 14:10

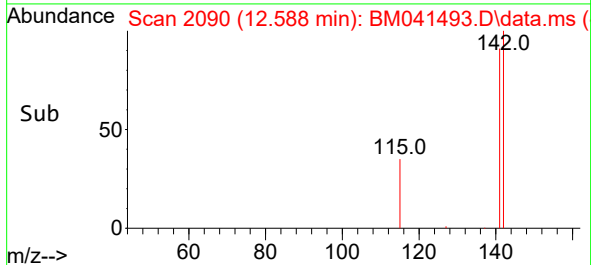
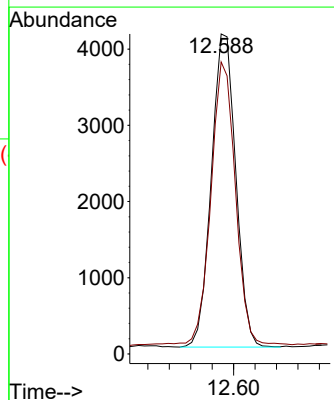
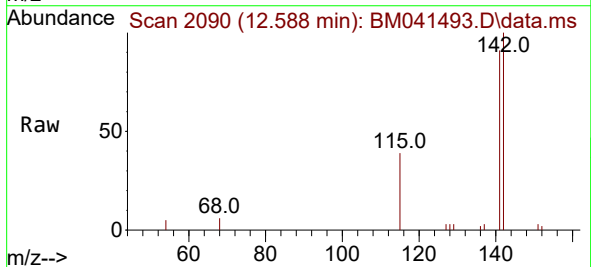
Instrument :
BNA_M
ClientSampleId :
EZYJ6

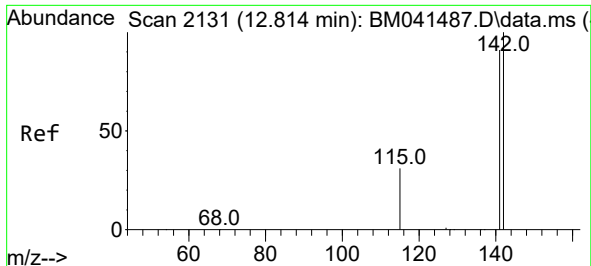
Tgt Ion:128 Resp: 8052
Ion Ratio Lower Upper
128 100
129 13.1 8.9 13.3
127 14.9 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.011 min
Lab File: BM041493.D
Acq: 25 Aug 2023 14:10

Tgt Ion:142 Resp: 6502
Ion Ratio Lower Upper
142 100
141 92.1 71.1 106.7

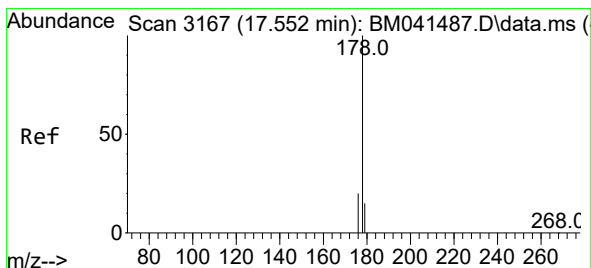
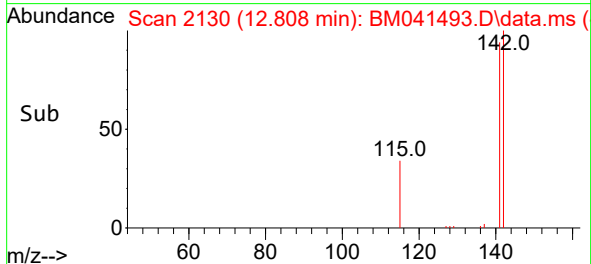
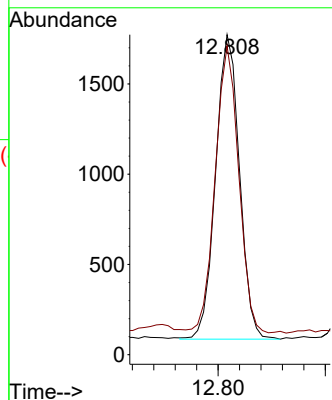
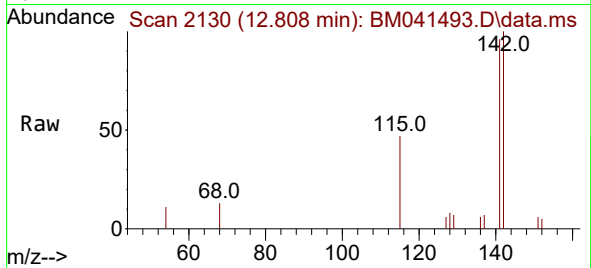




#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BM041493.D
Acq: 25 Aug 2023 14:10

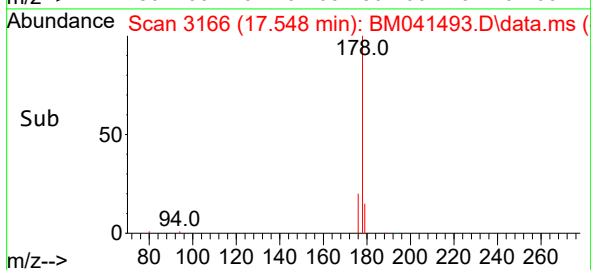
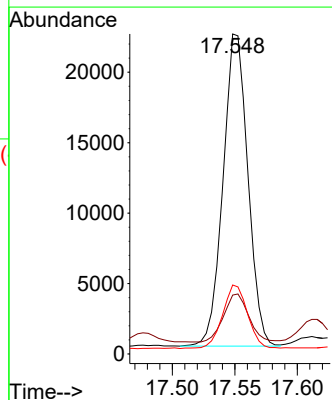
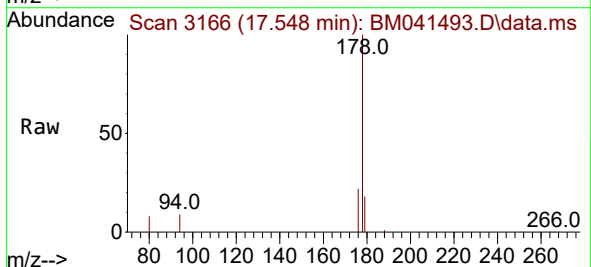
Instrument :
BNA_M
ClientSampleId :
EZYJ6

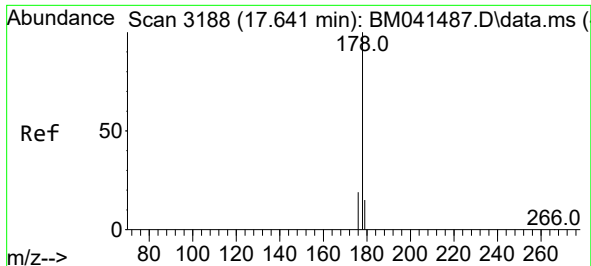
Tgt Ion:142 Resp: 2604
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.2



#15
Phenanthrene
Concen: 0.255 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.008 min
Lab File: BM041493.D
Acq: 25 Aug 2023 14:10

Tgt Ion:178 Resp: 30631
Ion Ratio Lower Upper
178 100
179 18.4 12.5 18.7
176 21.6 15.8 23.8

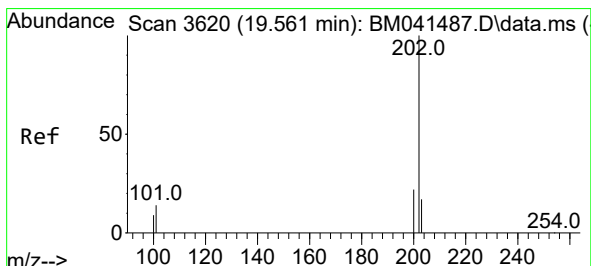
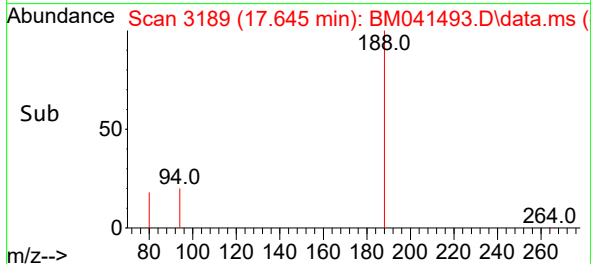
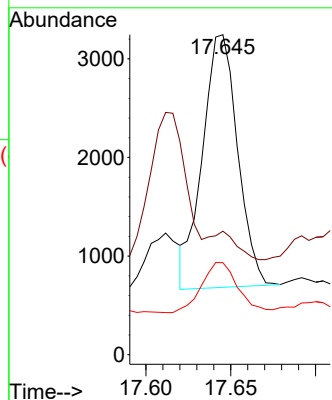
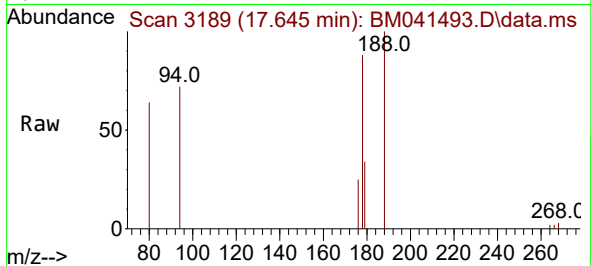




#16
 Anthracene
 Concen: 0.034 ng/ul
 RT: 17.645 min Scan# 3188
 Delta R.T. -0.000 min
 Lab File: BM041493.D
 Acq: 25 Aug 2023 14:10

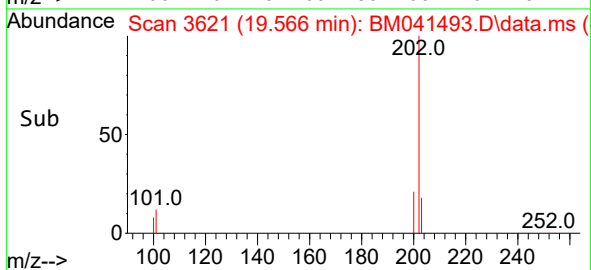
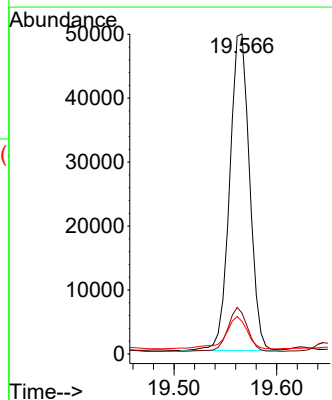
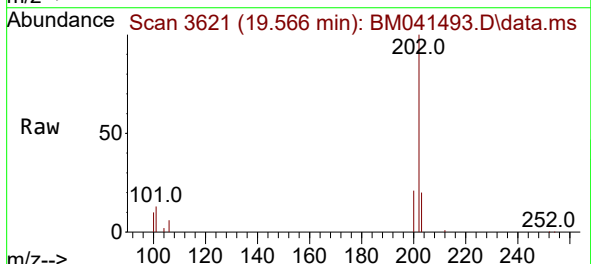
Instrument :
 BNA_M
 ClientSampleId :
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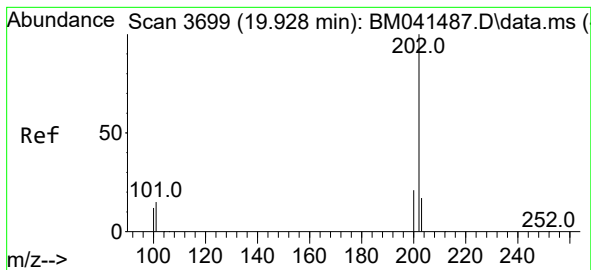
Tgt Ion:178 Resp: 3703
 Ion Ratio Lower Upper
 178 100
 179 38.6 12.6 18.8#
 176 28.8 15.5 23.3#



#19
 Fluoranthene
 Concen: 0.500 ng/ul
 RT: 19.566 min Scan# 3621
 Delta R.T. -0.000 min
 Lab File: BM041493.D
 Acq: 25 Aug 2023 14:10

Tgt Ion:202 Resp: 66470
 Ion Ratio Lower Upper
 202 100
 101 12.8 11.0 16.6
 100 10.2 7.9 11.9





#20

Pyrene

Concen: 0.223 ng/ul

RT: 19.933 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041493.D

Acq: 25 Aug 2023 14:10

Instrument :

BNA_M

ClientSampleId :

EZYJ6

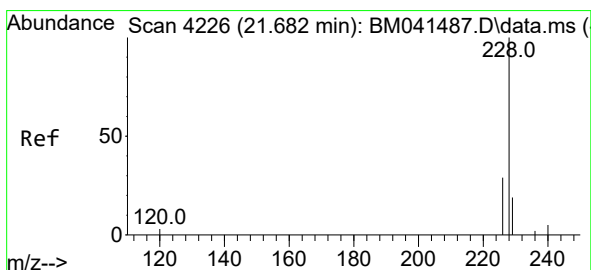
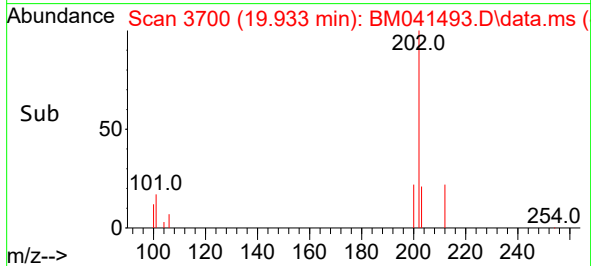
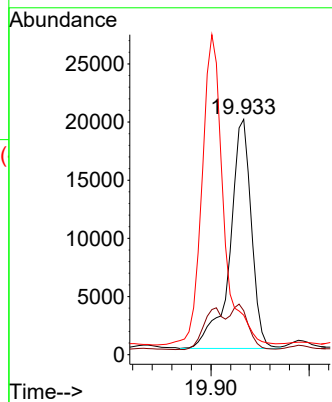
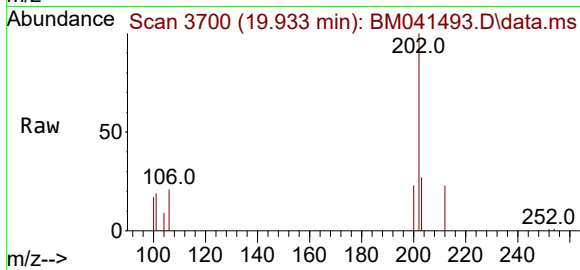
Tgt Ion:202 Resp: 29862

Ion Ratio Lower Upper

202 100

101 18.7 12.2 18.2#

100 16.8 9.8 14.8#



#21

Benzo(a)anthracene

Concen: 0.087 ng/ul

RT: 21.688 min Scan# 4228

Delta R.T. -0.000 min

Lab File: BM041493.D

Acq: 25 Aug 2023 14:10

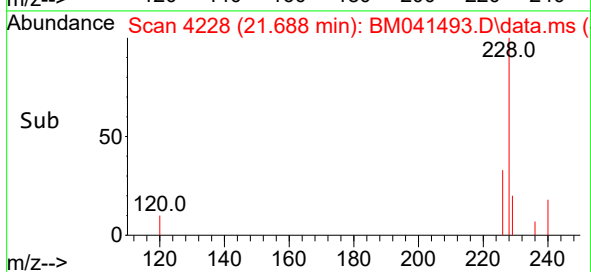
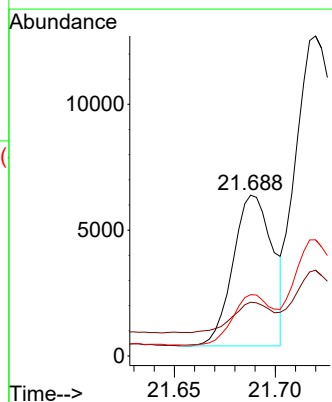
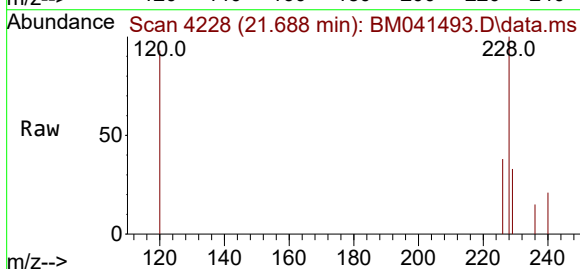
Tgt Ion:228 Resp: 8206

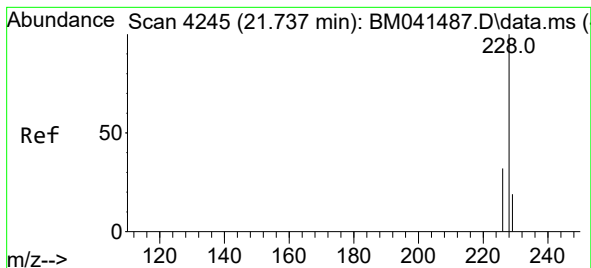
Ion Ratio Lower Upper

228 100

229 33.4 15.3 22.9#

226 38.0 22.7 34.1#





#22

Chrysene

Concen: 0.254 ng/ul

RT: 21.743 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM041493.D

Acq: 25 Aug 2023 14:10

Instrument :

BNA_M

ClientSampleId :

EZYJ6

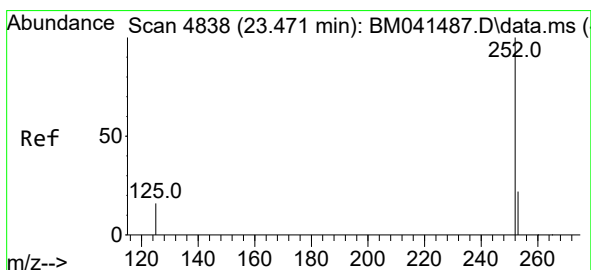
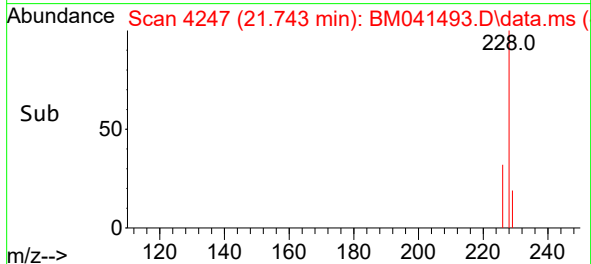
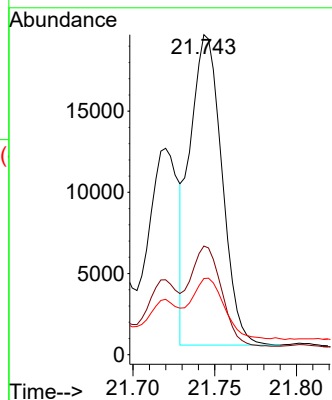
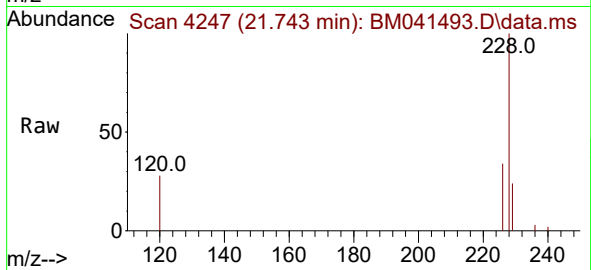
Tgt Ion:228 Resp: 25925

Ion Ratio Lower Upper

228 100

226 33.9 25.6 38.4

229 23.8 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.345 ng/ul

RT: 23.485 min Scan# 4843

Delta R.T. 0.003 min

Lab File: BM041493.D

Acq: 25 Aug 2023 14:10

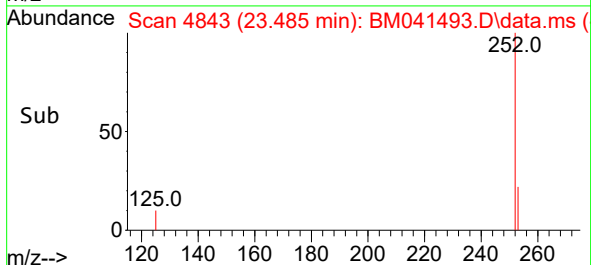
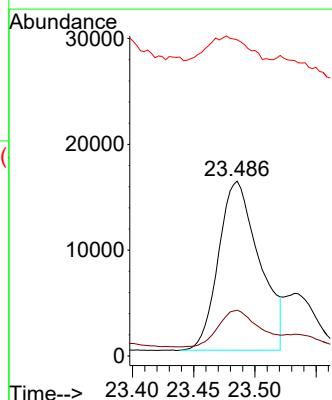
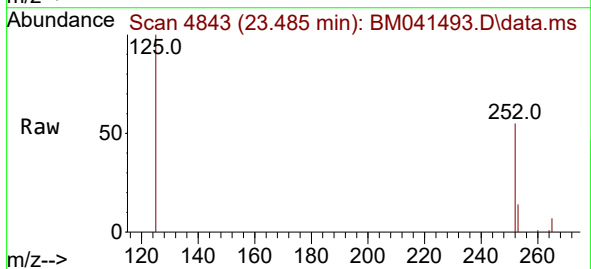
Tgt Ion:252 Resp: 37003

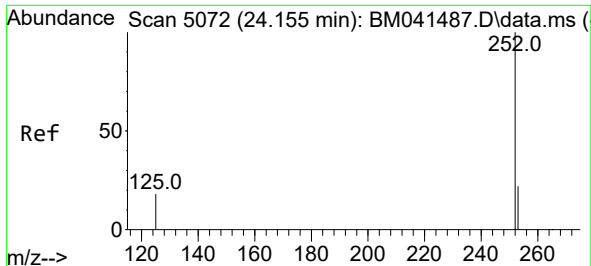
Ion Ratio Lower Upper

252 100

253 26.2 0.0 46.8

125 180.8 0.0 32.8#

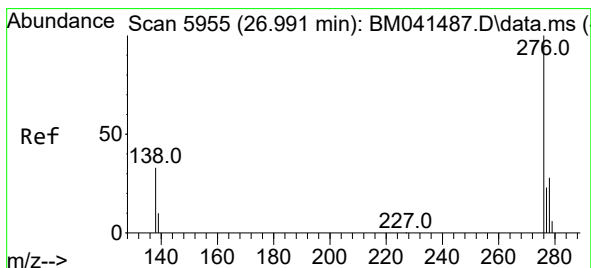
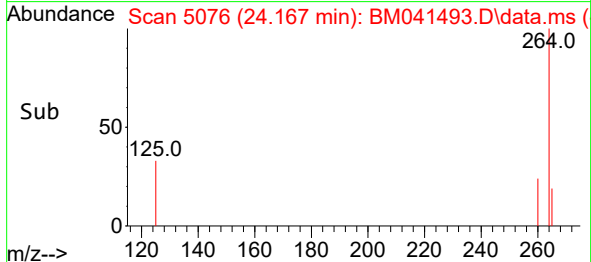
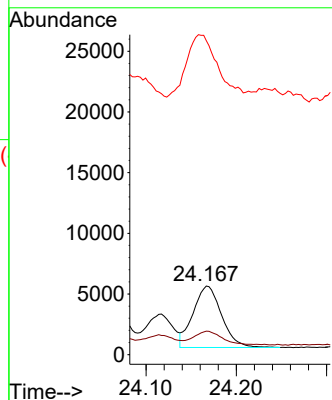
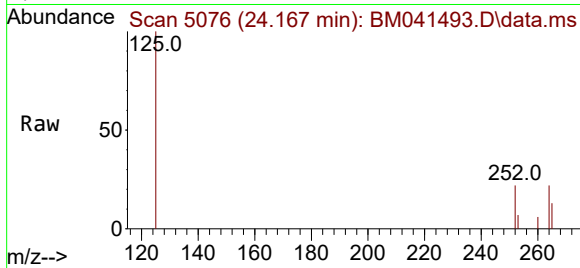




#26
Benzo(a)pyrene
Concen: 0.125 ng/ul
RT: 24.167 min Scan# 5076
Delta R.T. 0.003 min
Lab File: BM041493.D
Acq: 25 Aug 2023 14:10

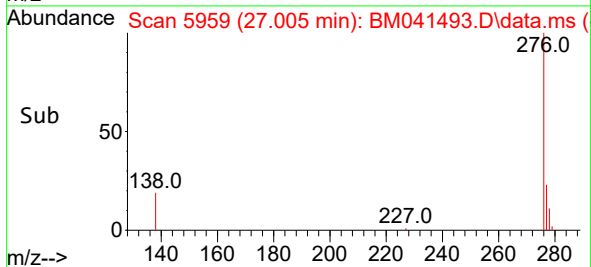
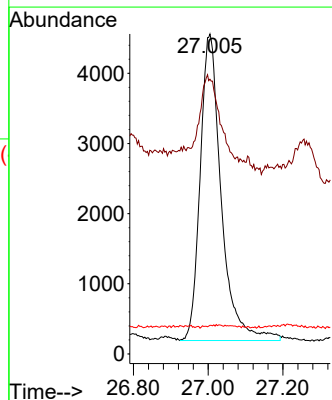
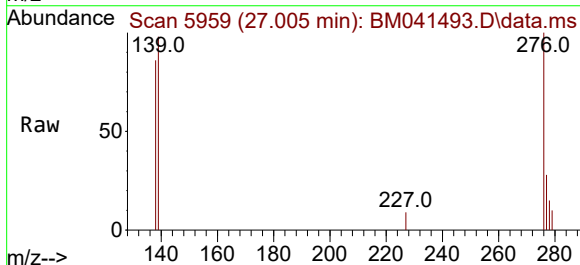
Instrument :
BNA_M
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EZYJ6

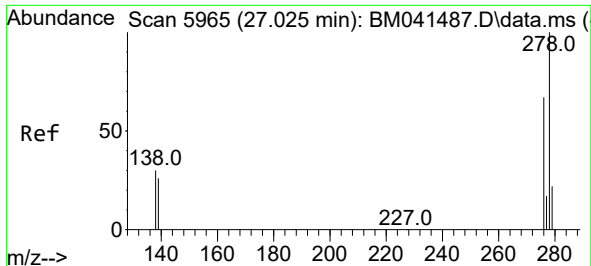
Tgt Ion:252 Resp: 11043
Ion Ratio Lower Upper
252 100
253 34.3 19.5 29.3#
125 457.8 16.0 24.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.155 ng/ul
RT: 27.005 min Scan# 5959
Delta R.T. -0.000 min
Lab File: BM041493.D
Acq: 25 Aug 2023 14:10

Tgt Ion:276 Resp: 17070
Ion Ratio Lower Upper
276 100
138 26.3 27.8 41.6#
227 0.1 0.0 0.0#

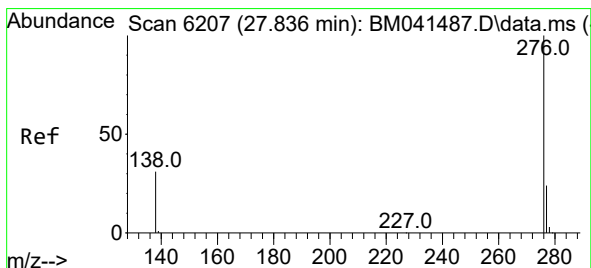
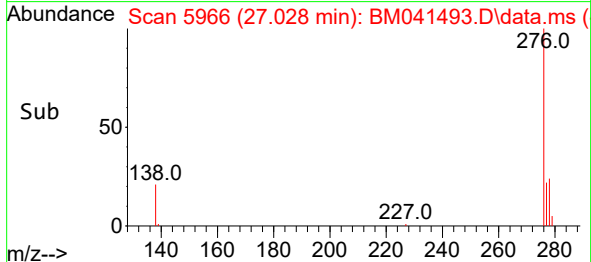
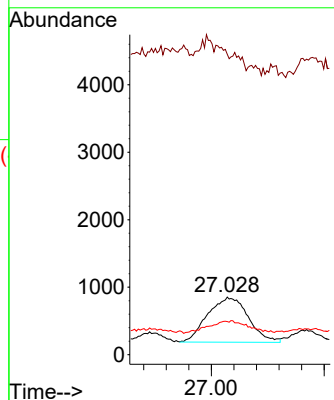
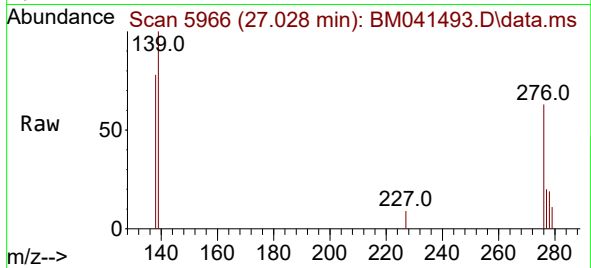




#28
Dibenzo(a,h)anthracene
Concen: 0.040 ng/ul
RT: 27.028 min Scan# 5965
Delta R.T. -0.017 min
Lab File: BM041493.D
Acq: 25 Aug 2023 14:10

Instrument :
BNA_M
ClientSampleId :
EZYJ6

Tgt Ion:278 Resp: 3334
Ion Ratio Lower Upper
278 100
139 520.8 21.9 32.9#
279 57.5 21.4 32.0#



#29
Benzo(g,h,i)perylene
Concen: 0.178 ng/ul
RT: 27.850 min Scan# 6211
Delta R.T. -0.003 min
Lab File: BM041493.D
Acq: 25 Aug 2023 14:10

Tgt Ion:276 Resp: 17220
Ion Ratio Lower Upper
276 100
138 75.6 25.9 38.9#
277 27.8 19.4 29.2

