

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041496.D
 Acq On : 25 Aug 2023 16:01
 Operator : MA/JU
 Sample : 04037-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYJ5

Quant Time: Aug 26 00:17:48 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)

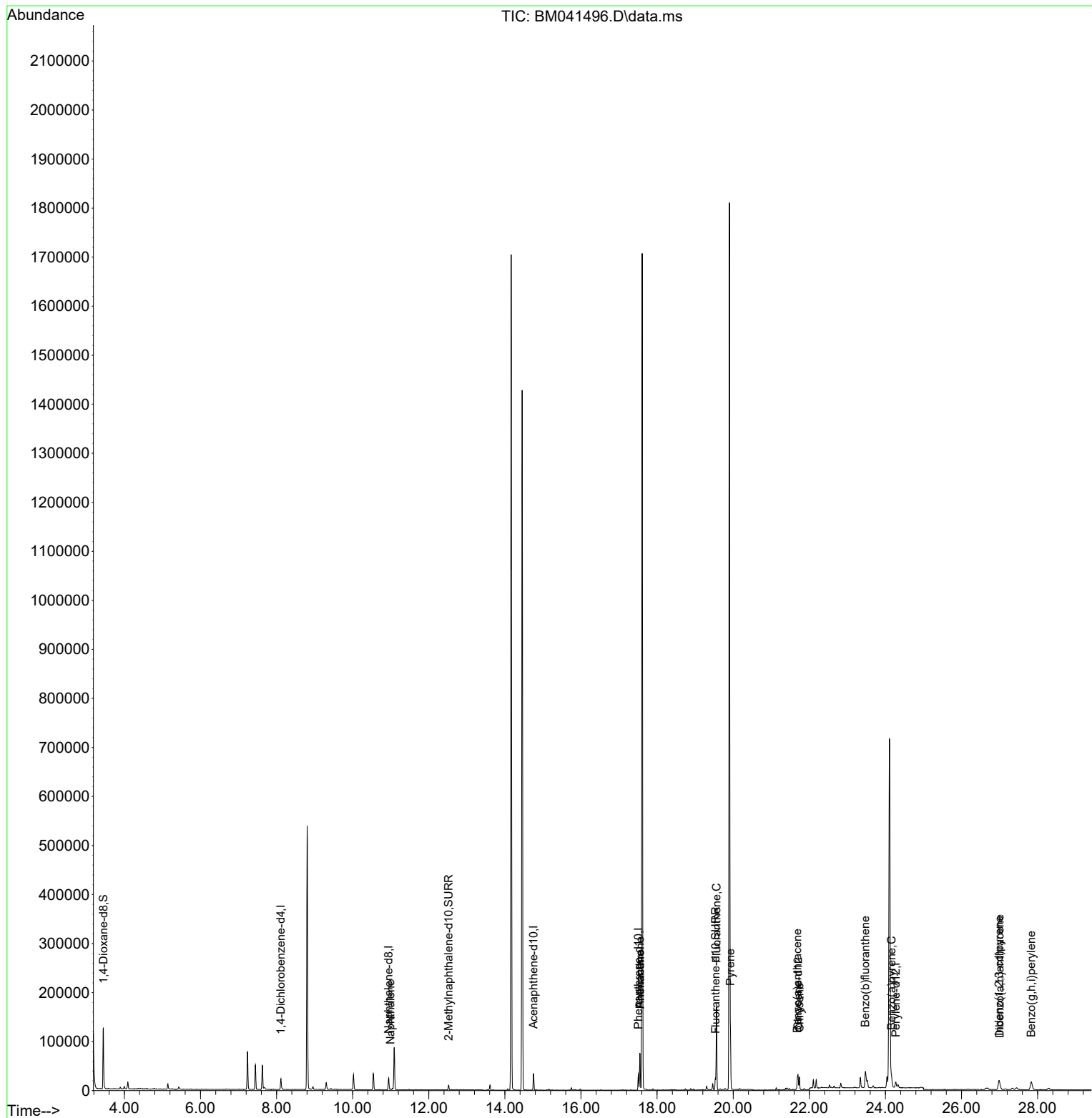
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10738	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	31436	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	17034	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	34533	0.400	ng/ul	0.00
17) Chrysene-d12	21.702	240	18202	0.400	ng/ul	# 0.00
23) Perylene-d12	24.272	264	17055	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	74857	5.508	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	11767	0.283	ng/ul	0.00
18) Fluoranthene-d10	19.534	212	20371	0.254	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.994	128	2316	0.025	ng/ul#	86
15) Phenanthrene	17.548	178	76466	0.603	ng/ul	99
16) Anthracene	17.548	178	48880	0.424	ng/ul	99
19) Fluoranthene	19.561	202	136720	0.818	ng/ul	98
20) Pyrene	19.929	202	89437	0.531	ng/ul	100
21) Benzo(a)anthracene	21.685	228	19092	0.161	ng/ul	95
22) Chrysene	21.740	228	23377	0.183	ng/ul	97
24) Benzo(b)fluoranthene	23.474	252	60400	0.517	ng/ul	92
26) Benzo(a)pyrene	24.158	252	31310	0.326	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.984	276	36964	0.308	ng/ul#	91
28) Dibenzo(a,h)anthracene	27.005	278	8825	0.096	ng/ul#	59
29) Benzo(g,h,i)perylene	27.833	276	38051	0.360	ng/ul	99

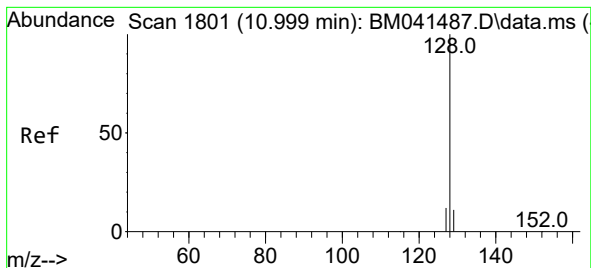
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.025 ng/ul

RT: 10.994 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BM041496.D

Acq: 25 Aug 2023 16:01

Instrument :

BNA_P

ClientSampleId :

EZYJ5

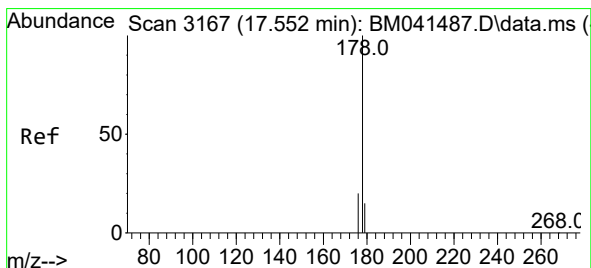
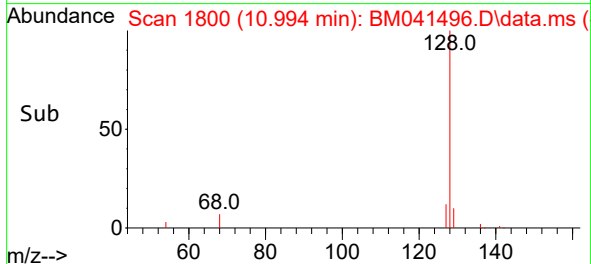
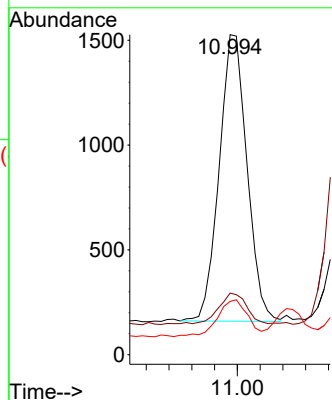
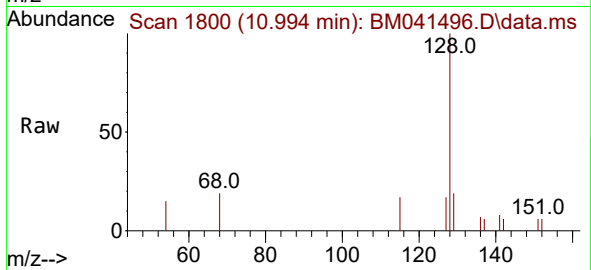
Tgt Ion:128 Resp: 2316

Ion Ratio Lower Upper

128 100

129 19.3 8.9 13.3#

127 16.6 10.6 15.8#



#15

Phenanthrene

Concen: 0.603 ng/ul

RT: 17.548 min Scan# 3166

Delta R.T. -0.008 min

Lab File: BM041496.D

Acq: 25 Aug 2023 16:01

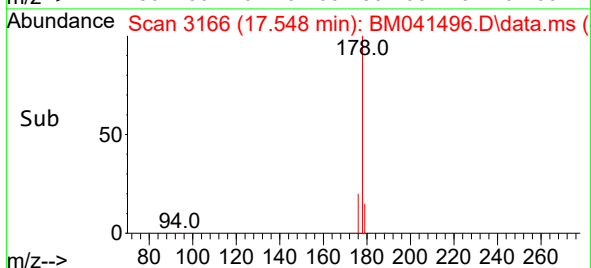
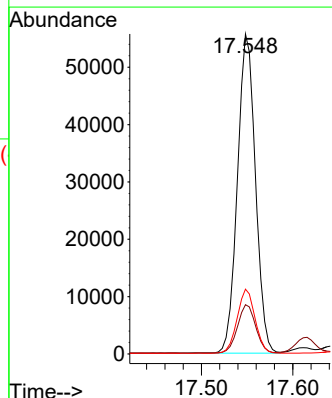
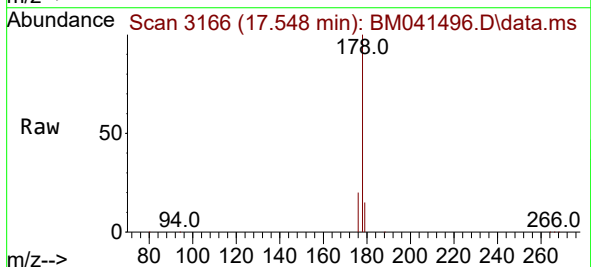
Tgt Ion:178 Resp: 76466

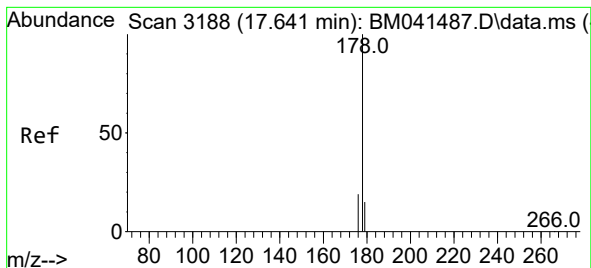
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 20.3 15.8 23.8





#16

Anthracene

Concen: 0.424 ng/ul

RT: 17.548 min Scan# 31

Delta R.T. -0.097 min

Lab File: BM041496.D

Acq: 25 Aug 2023 16:01

Instrument :

BNA_P

ClientSampleId :

EZYJ5

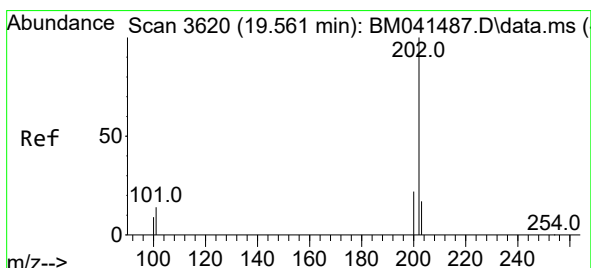
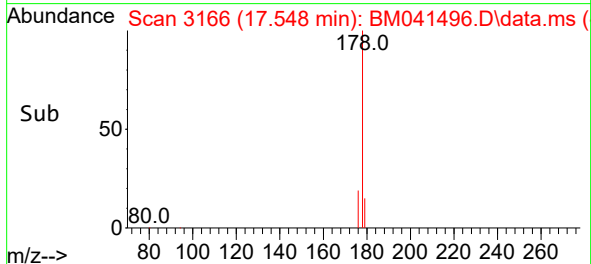
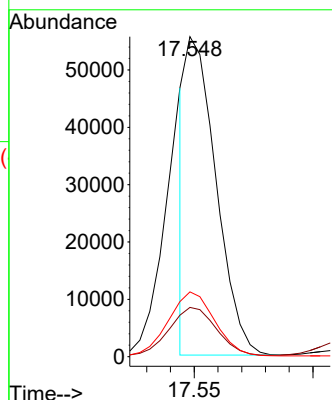
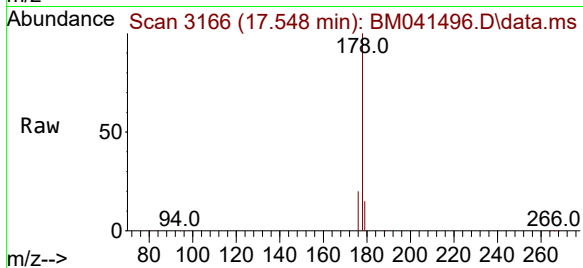
Tgt Ion:178 Resp: 48880

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 20.3 15.5 23.3



#19

Fluoranthene

Concen: 0.818 ng/ul

RT: 19.561 min Scan# 3620

Delta R.T. -0.005 min

Lab File: BM041496.D

Acq: 25 Aug 2023 16:01

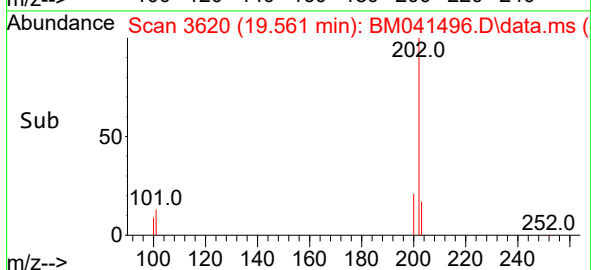
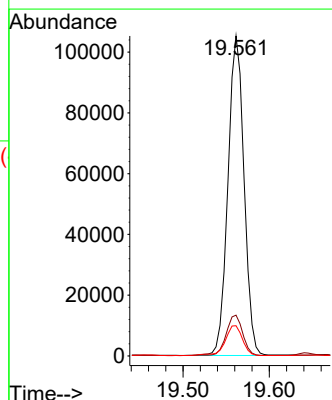
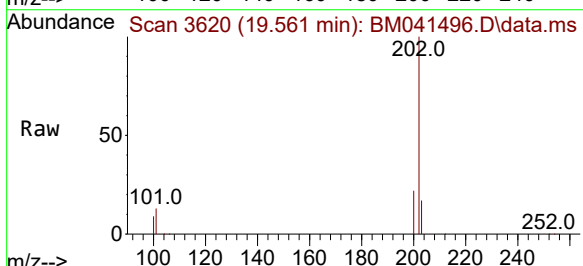
Tgt Ion:202 Resp: 136720

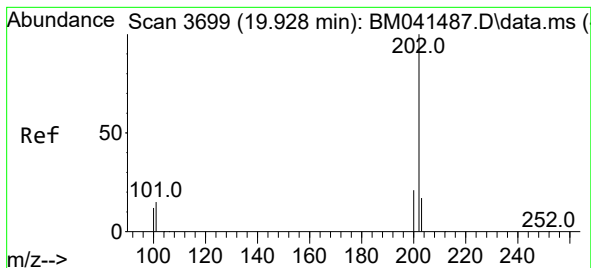
Ion Ratio Lower Upper

202 100

101 12.8 11.0 16.6

100 9.5 7.9 11.9





#20

Pyrene

Concen: 0.531 ng/ul

RT: 19.929 min Scan# 3699

Delta R.T. -0.005 min

Lab File: BM041496.D

Acq: 25 Aug 2023 16:01

Instrument :

BNA_P

ClientSampleId :

EZYJ5

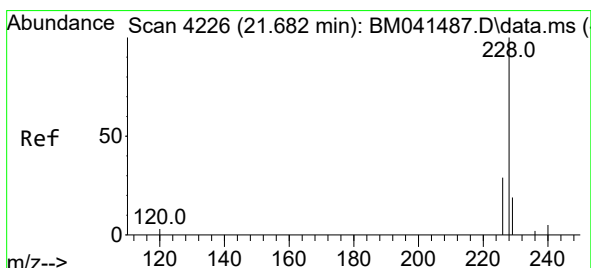
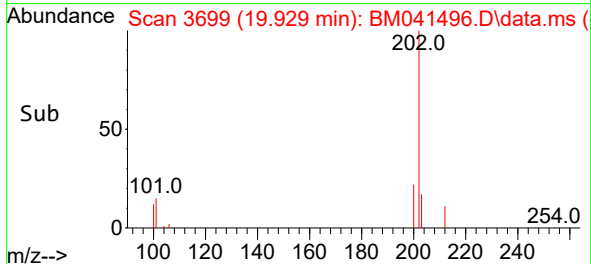
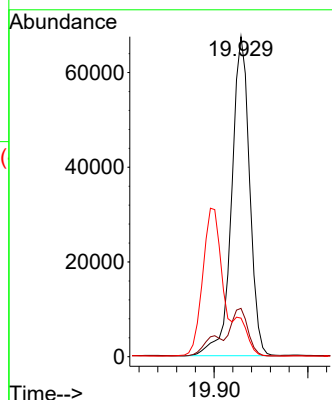
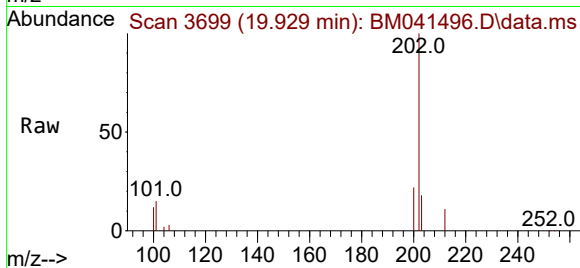
Tgt Ion:202 Resp: 89437

Ion Ratio Lower Upper

202 100

101 15.1 12.2 18.2

100 12.1 9.8 14.8



#21

Benzo(a)anthracene

Concen: 0.161 ng/ul

RT: 21.685 min Scan# 4227

Delta R.T. -0.003 min

Lab File: BM041496.D

Acq: 25 Aug 2023 16:01

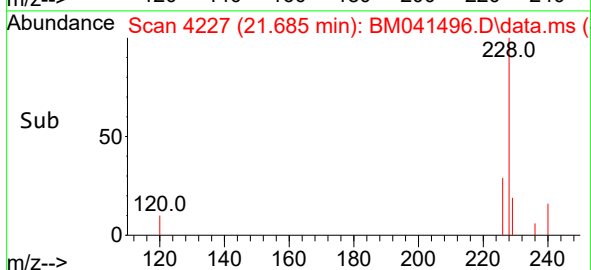
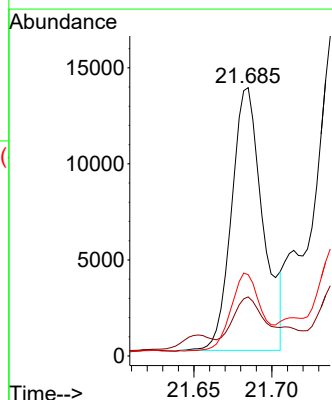
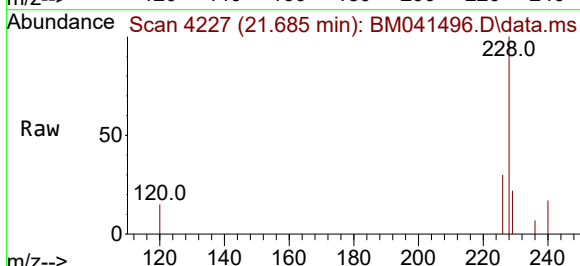
Tgt Ion:228 Resp: 19092

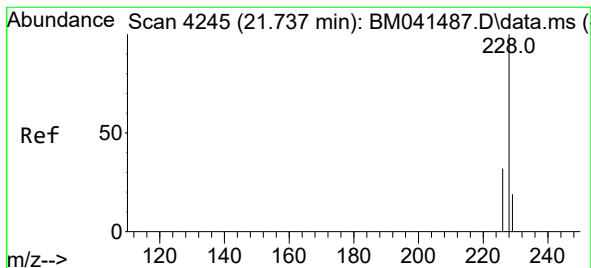
Ion Ratio Lower Upper

228 100

229 22.0 15.3 22.9

226 30.3 22.7 34.1





#22

Chrysene

Concen: 0.183 ng/ul

RT: 21.740 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM041496.D

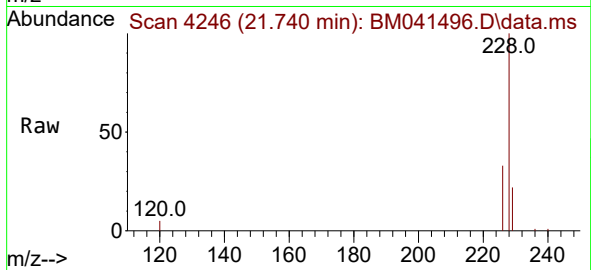
Acq: 25 Aug 2023 16:01

Instrument :

BNA_P

ClientSampleId :

EZYJ5



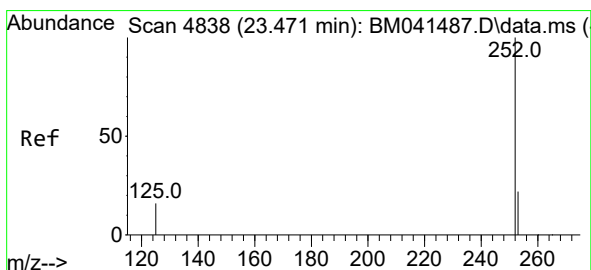
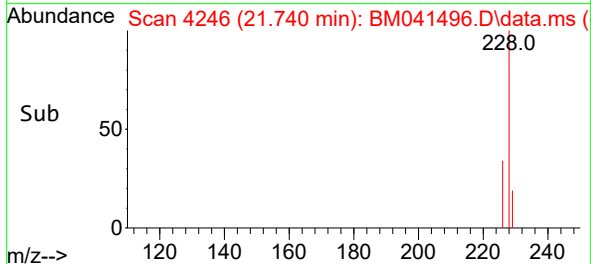
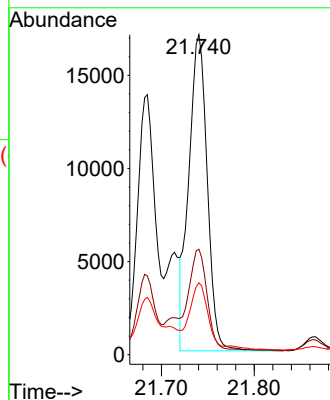
Tgt Ion:228 Resp: 23377

Ion Ratio Lower Upper

228 100

226 33.0 25.6 38.4

229 22.5 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.517 ng/ul

RT: 23.474 min Scan# 4839

Delta R.T. -0.009 min

Lab File: BM041496.D

Acq: 25 Aug 2023 16:01

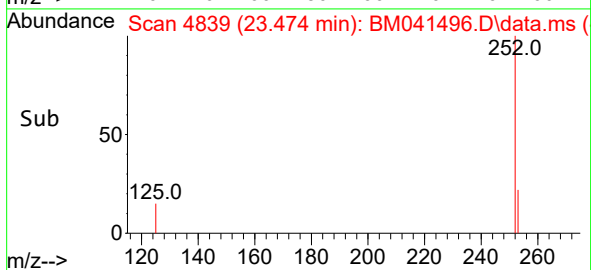
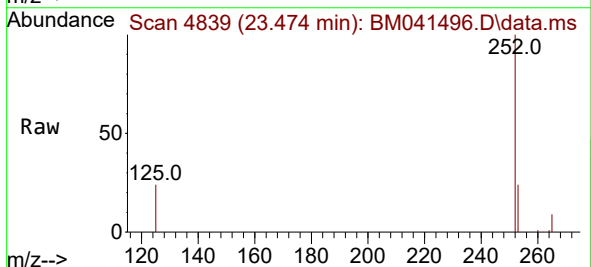
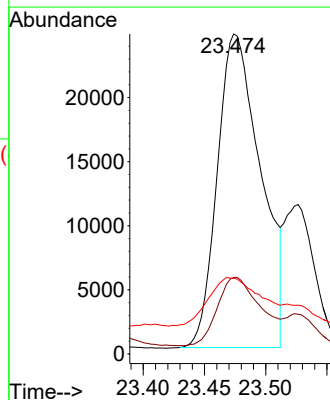
Tgt Ion:252 Resp: 60400

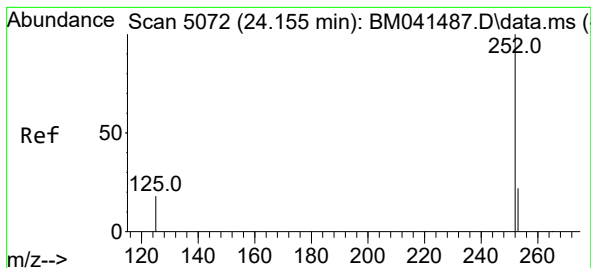
Ion Ratio Lower Upper

252 100

253 23.9 0.0 46.8

125 23.6 0.0 32.8





#26

Benzo(a)pyrene

Concen: 0.326 ng/ul

RT: 24.158 min Scan# 5072

Delta R.T. -0.006 min

Lab File: BM041496.D

Acq: 25 Aug 2023 16:01

Instrument :

BNA_P

ClientSampleId :

EZYJ5

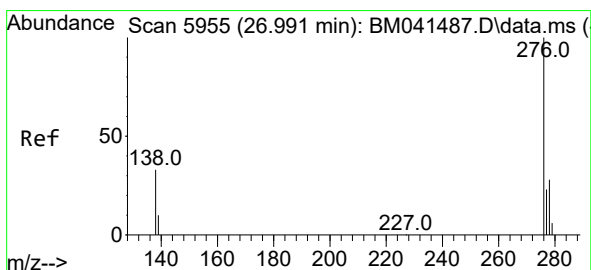
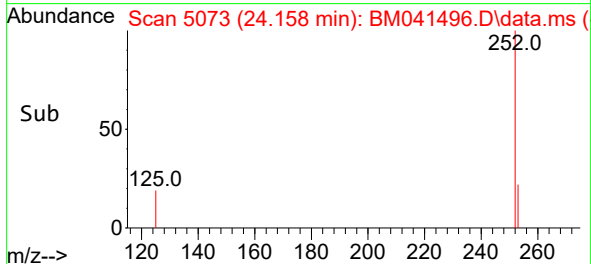
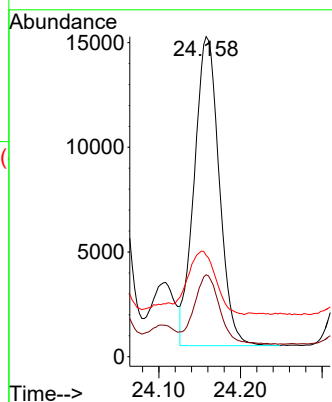
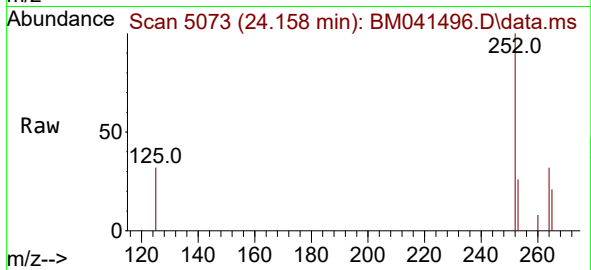
Tgt Ion:252 Resp: 31310

Ion Ratio Lower Upper

252 100

253 25.6 19.5 29.3

125 31.7 16.0 24.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.308 ng/ul

RT: 26.984 min Scan# 5953

Delta R.T. -0.020 min

Lab File: BM041496.D

Acq: 25 Aug 2023 16:01

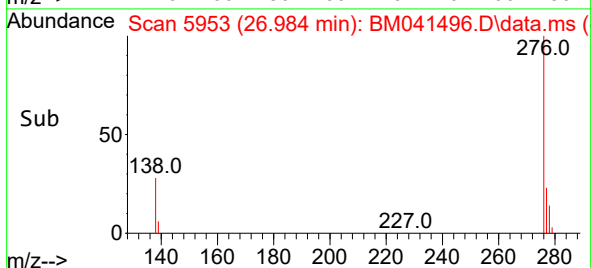
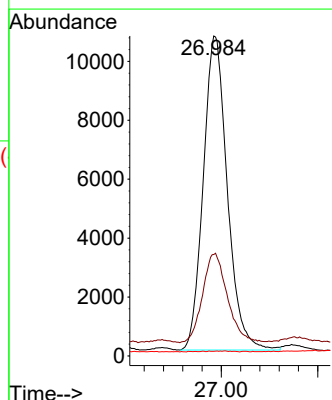
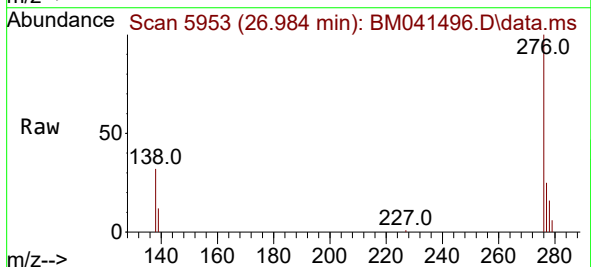
Tgt Ion:276 Resp: 36964

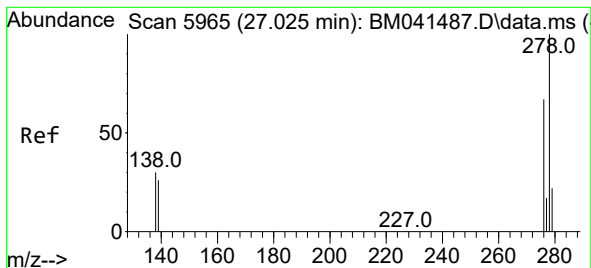
Ion Ratio Lower Upper

276 100

138 29.3 27.8 41.6

227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.096 ng/ul

RT: 27.005 min Scan# 5965

Delta R.T. -0.040 min

Lab File: BM041496.D

Acq: 25 Aug 2023 16:01

Instrument :

BNA_P

ClientSampleId :

EZYJ5

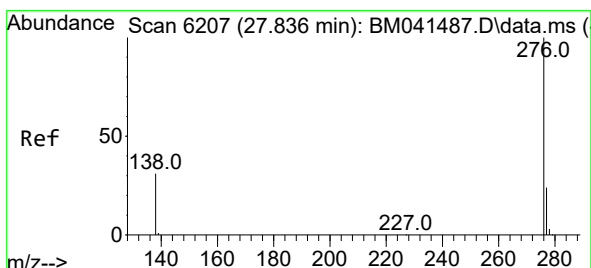
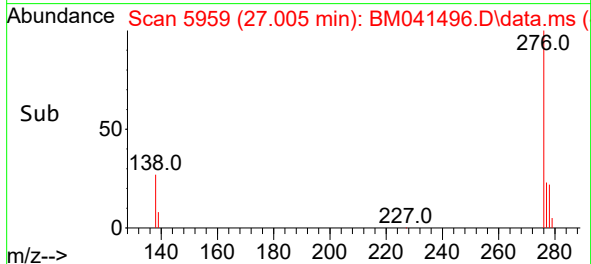
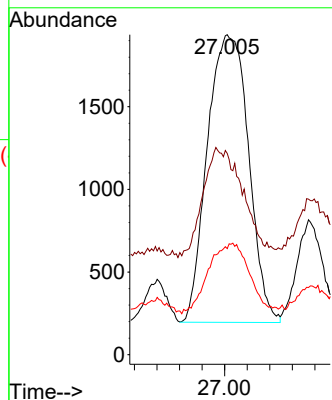
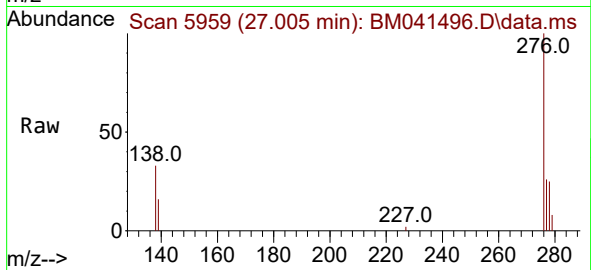
Tgt Ion:278 Resp: 8825

Ion Ratio Lower Upper

278 100

139 62.9 21.9 32.9#

279 33.2 21.4 32.0#



#29

Benzo(g,h,i)perylene

Concen: 0.360 ng/ul

RT: 27.833 min Scan# 6206

Delta R.T. -0.020 min

Lab File: BM041496.D

Acq: 25 Aug 2023 16:01

Tgt Ion:276 Resp: 38051

Ion Ratio Lower Upper

276 100

138 32.1 25.9 38.9

277 24.7 19.4 29.2

