

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041665.D
 Acq On : 06 Sep 2023 19:09
 Operator : MA/JU
 Sample : 04113-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH4

Quant Time: Sep 06 20:37:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

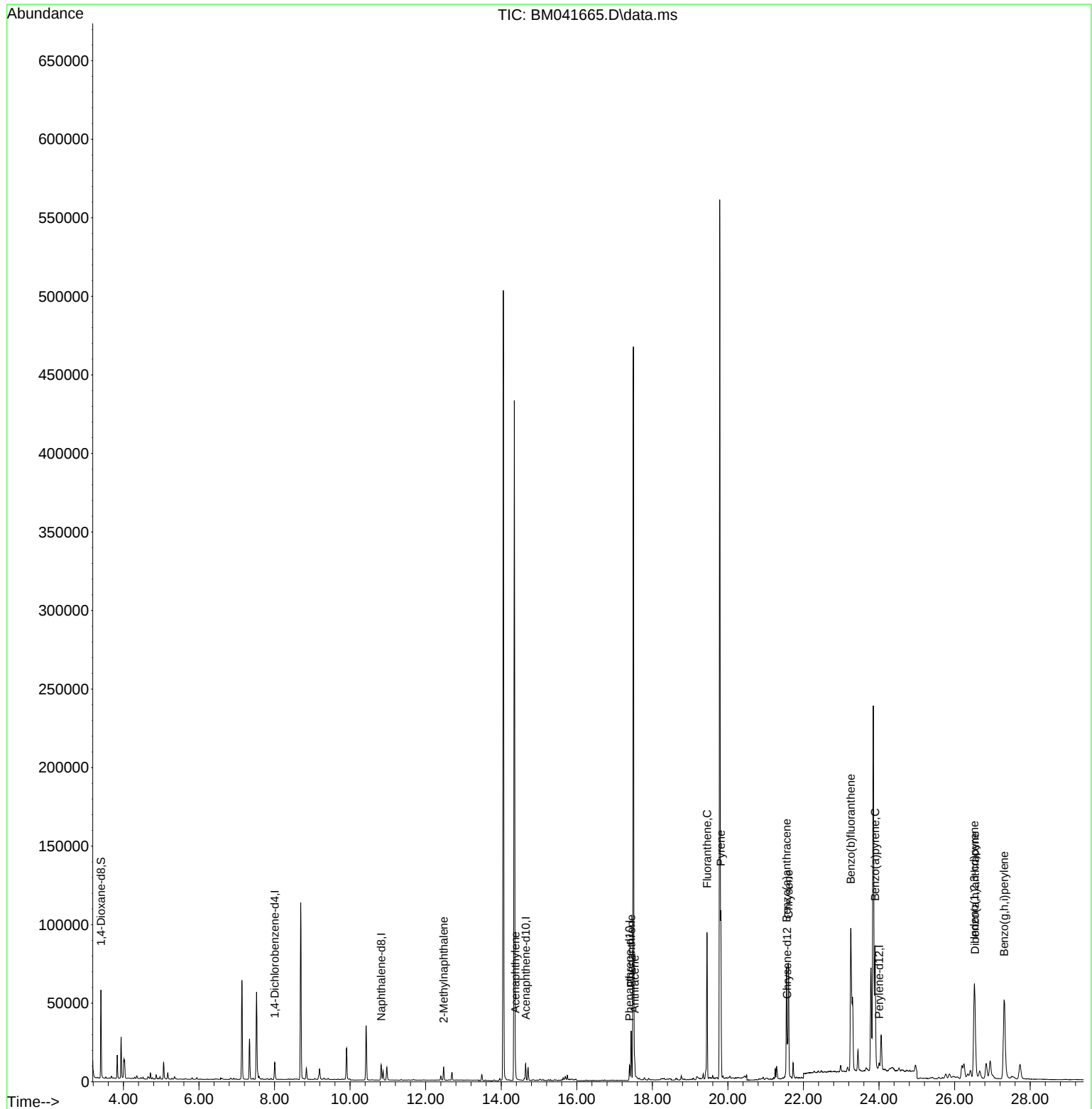
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	5205	0.400	ng/u1	0.00
4) Naphthalene-d8	10.823	136	12368	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.647	164	5458	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.396	188	10110	0.400	ng/u1	0.00
17) Chrysene-d12	21.568	240	4774	0.400	ng/u1	# 0.00
23) Perylene-d12	24.003	264	5312	0.400	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	29272	3.680	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.401	152	3113	0.196	ng/u1	0.00
18) Fluoranthene-d10	19.417	212	4272	0.185	ng/u1	0.00
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.478	142	5634	0.244	ng/u1	100
10) Acenaphthylene	14.374	152	7680	0.228	ng/u1	97
15) Phenanthrene	17.438	178	32730	0.767	ng/u1	99
16) Anthracene	17.531	178	10725	0.293	ng/u1	98
19) Fluoranthene	19.445	202	76465	1.357	ng/u1	99
20) Pyrene	19.812	202	83660	1.495	ng/u1	99
21) Benzo(a)anthracene	21.550	228	60223	1.547	ng/u1	99
22) Chrysene	21.606	228	76831	1.829	ng/u1	97
24) Benzo(b)fluoranthene	23.254	252	159718	3.360	ng/u1	93
26) Benzo(a)pyrene	23.895	252	112182	2.904	ng/u1#	87
27) Indeno(1,2,3-cd)pyrene	26.525	276	110638	2.088	ng/u1#	91
28) Dibenzo(a,h)anthracene	26.538	278	22877	0.616	ng/u1	96
29) Benzo(g,h,i)perylene	27.310	276	117425	2.501	ng/u1	97

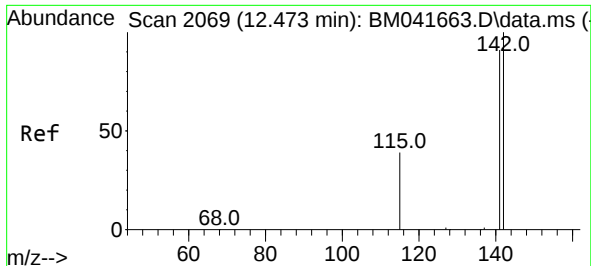
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041665.D
Acq On : 06 Sep 2023 19:09
Operator : MA/JU
Sample : 04113-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EZYH4

Quant Time: Sep 06 20:37:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration

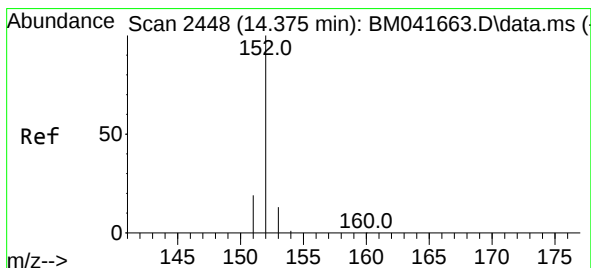
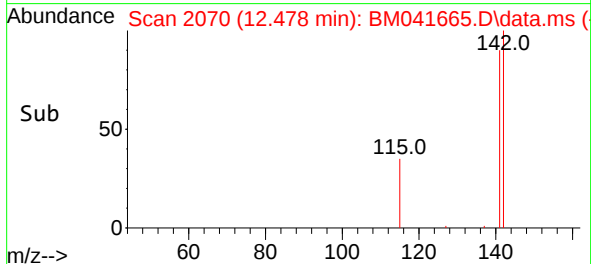
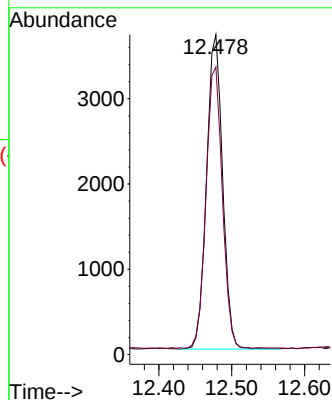
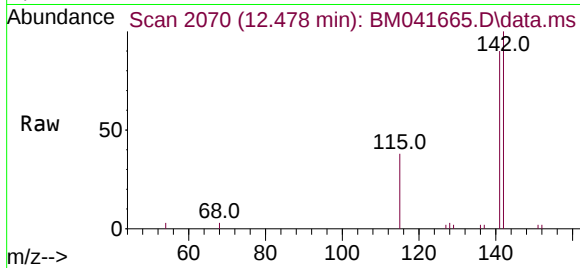




#7
2-Methylnaphthalene
Concen: 0.244 ng/ul
RT: 12.478 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BM041665.D
Acq: 06 Sep 2023 19:09

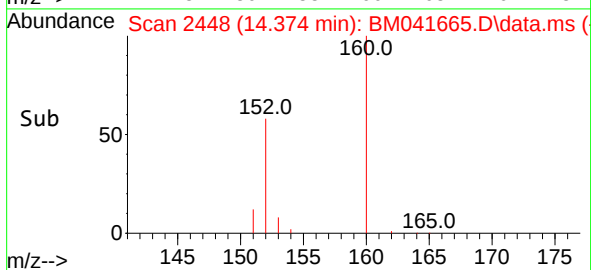
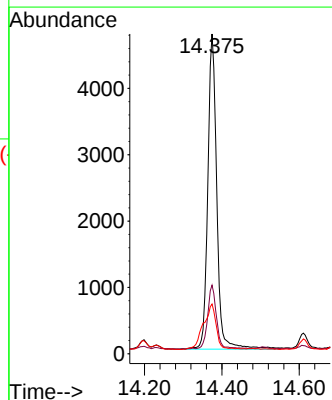
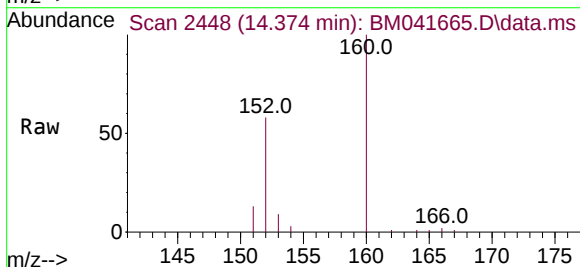
Instrument :
BNA_M
ClientSampleId :
EZYH4

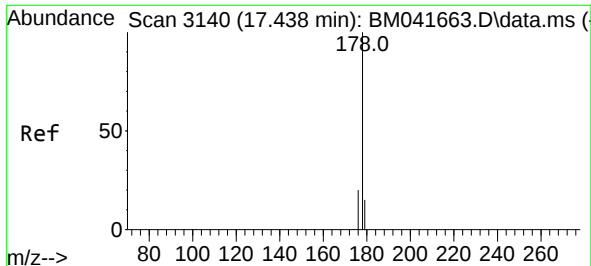
Tgt Ion:142 Resp: 5634
Ion Ratio Lower Upper
142 100
141 90.6 72.2 108.2



#10
Acenaphthylene
Concen: 0.228 ng/ul
RT: 14.374 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BM041665.D
Acq: 06 Sep 2023 19:09

Tgt Ion:152 Resp: 7680
Ion Ratio Lower Upper
152 100
151 21.5 16.4 24.6
153 15.6 11.1 16.7

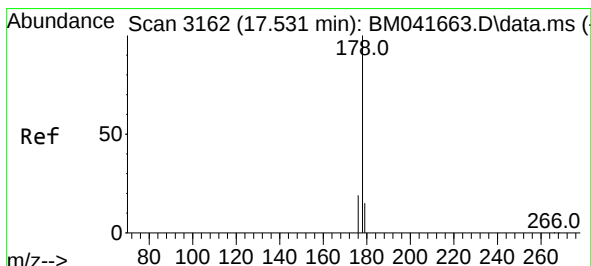
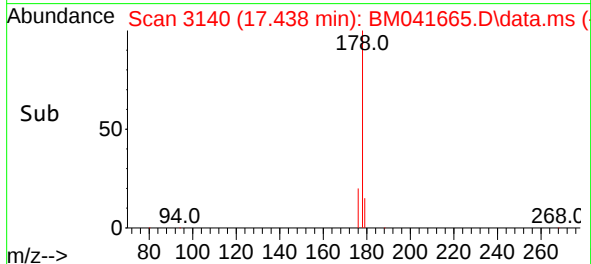
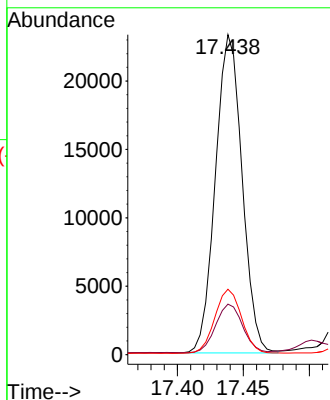
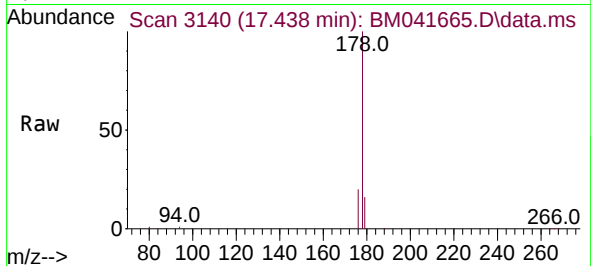




#15
Phenanthrene
Concen: 0.767 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM041665.D
Acq: 06 Sep 2023 19:09

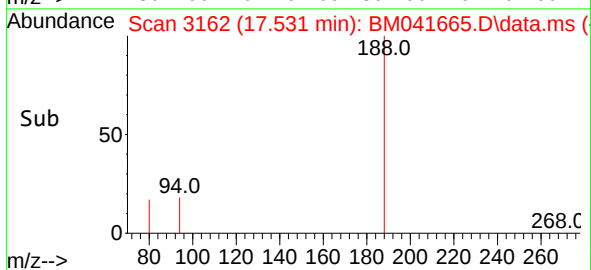
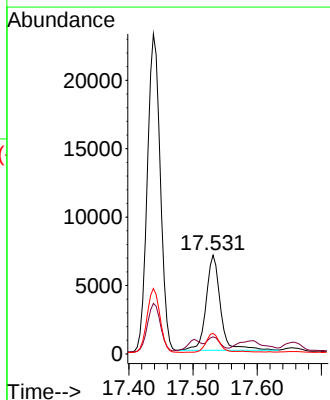
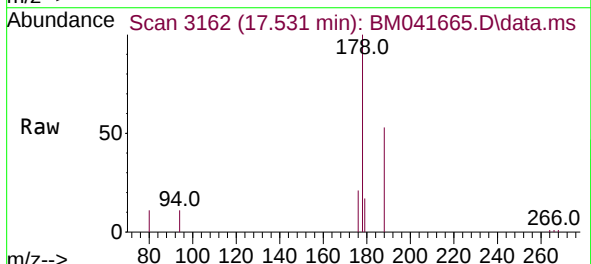
Instrument :
BNA_M
ClientSampleId :
EZYH4

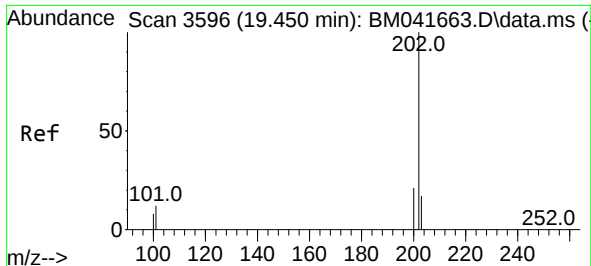
Tgt Ion:	178	Resp:	32730
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.9	19.3
176	20.4	16.9	25.3



#16
Anthracene
Concen: 0.293 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM041665.D
Acq: 06 Sep 2023 19:09

Tgt Ion:	178	Resp:	10725
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.9	19.3
176	20.6	15.8	23.8

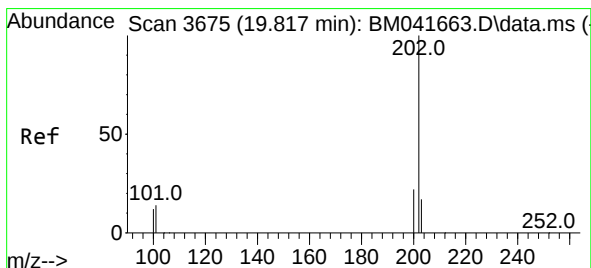
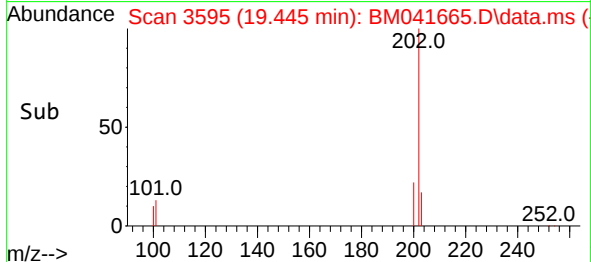
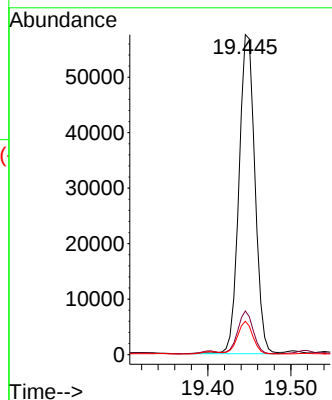
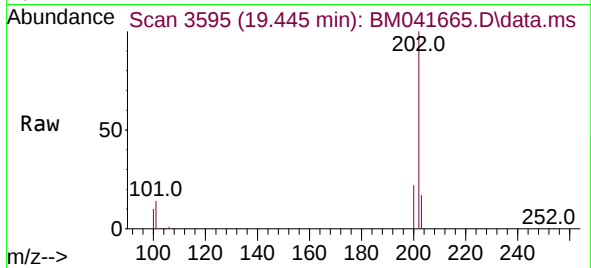




#19
Fluoranthene
Concen: 1.357 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM041665.D
Acq: 06 Sep 2023 19:09

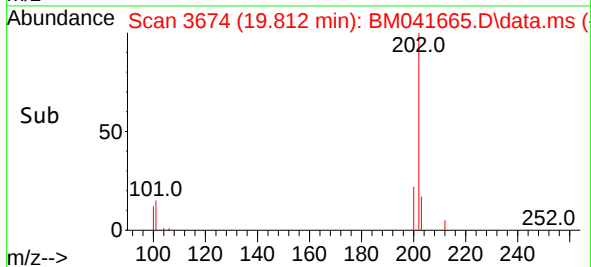
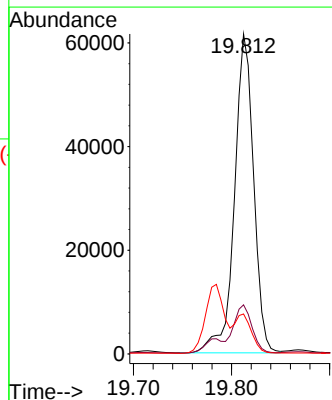
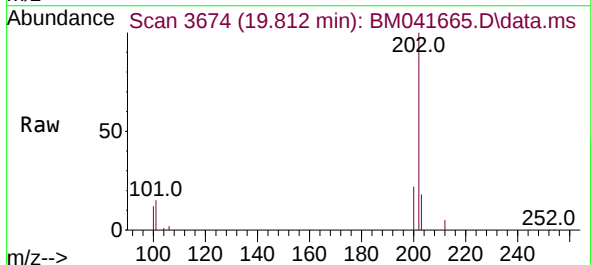
Instrument :
BNA_M
ClientSampleId :
EZYH4

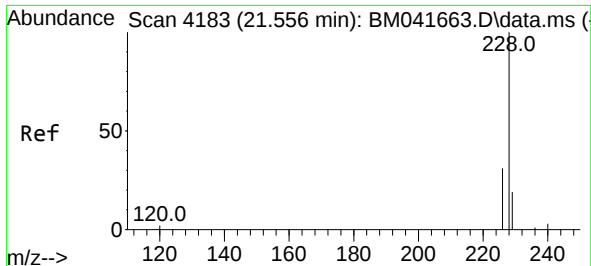
Tgt Ion:202 Resp: 76465
Ion Ratio Lower Upper
202 100
101 13.6 10.5 15.7
100 10.4 8.4 12.6



#20
Pyrene
Concen: 1.495 ng/ul
RT: 19.812 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM041665.D
Acq: 06 Sep 2023 19:09

Tgt Ion:202 Resp: 83660
Ion Ratio Lower Upper
202 100
101 15.3 11.8 17.8
100 12.5 9.8 14.6

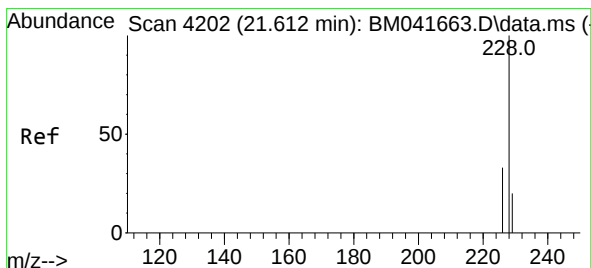
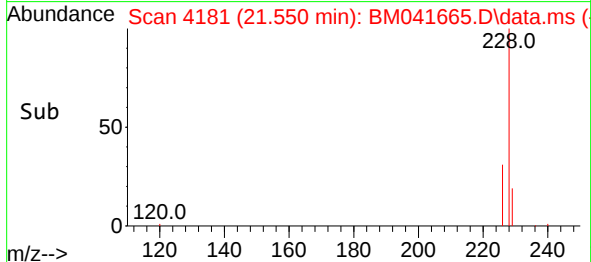
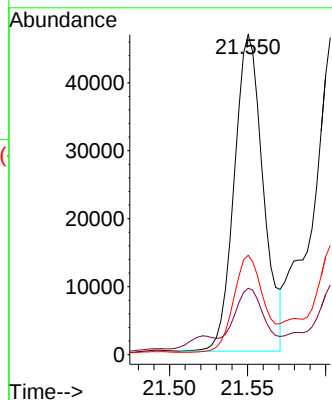
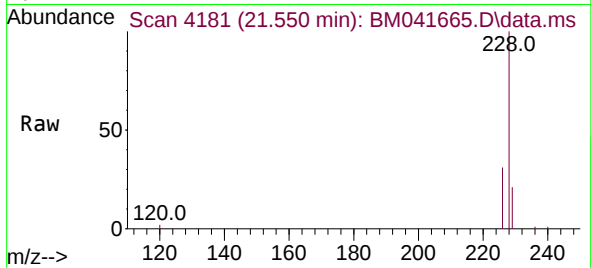




#21
Benzo(a)anthracene
Concen: 1.547 ng/ul
RT: 21.550 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM041665.D
Acq: 06 Sep 2023 19:09

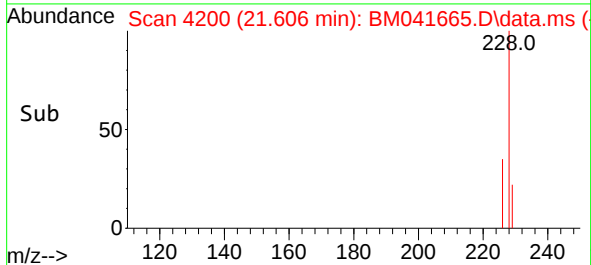
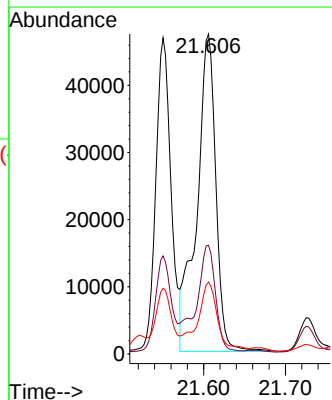
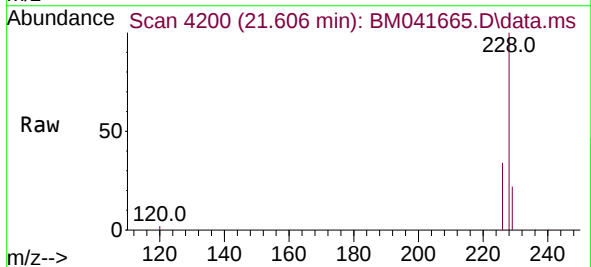
Instrument :
BNA_M
ClientSampleId :
EZYH4

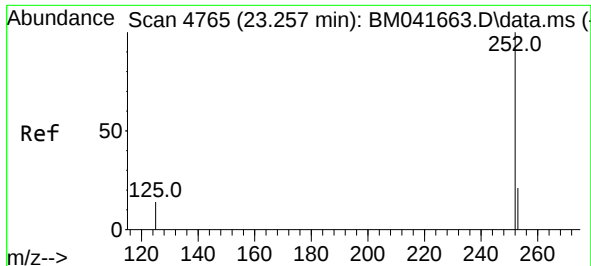
Tgt Ion:228 Resp: 60223
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 31.0 24.8 37.2



#22
Chrysene
Concen: 1.829 ng/ul
RT: 21.606 min Scan# 4200
Delta R.T. -0.003 min
Lab File: BM041665.D
Acq: 06 Sep 2023 19:09

Tgt Ion:228 Resp: 76831
Ion Ratio Lower Upper
228 100
226 33.9 27.0 40.6
229 22.5 15.4 23.2

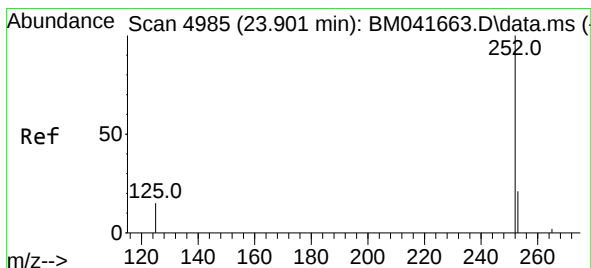
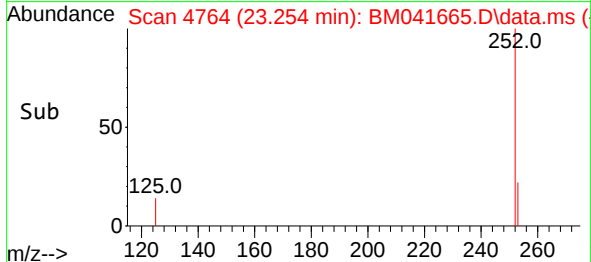
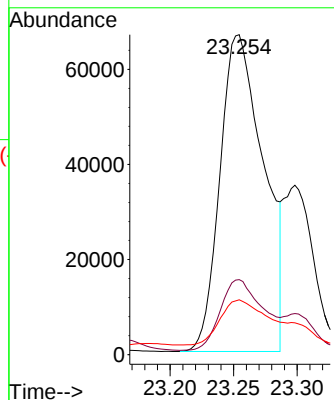
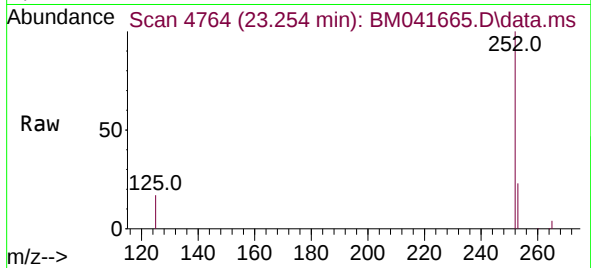




#24
Benzo(b)fluoranthene
Concen: 3.360 ng/ul
RT: 23.254 min Scan# 4764
Delta R.T. 0.003 min
Lab File: BM041665.D
Acq: 06 Sep 2023 19:09

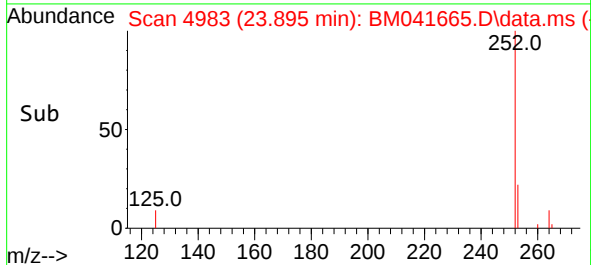
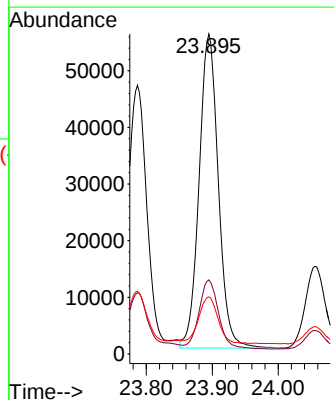
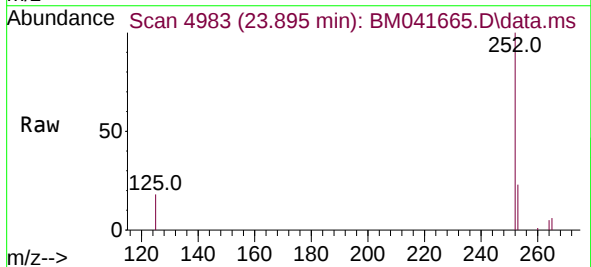
Instrument :
BNA_M
ClientSampleId :
EZYH4

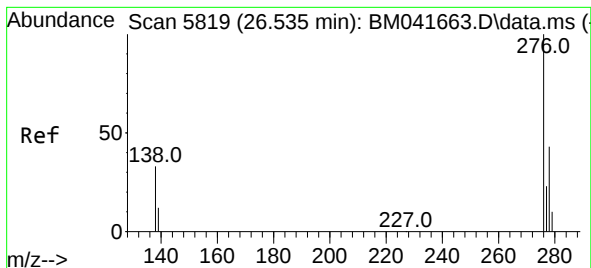
Tgt Ion:252 Resp: 159718
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.4
125 17.1 0.0 42.8



#26
Benzo(a)pyrene
Concen: 2.904 ng/ul
RT: 23.895 min Scan# 4983
Delta R.T. -0.003 min
Lab File: BM041665.D
Acq: 06 Sep 2023 19:09

Tgt Ion:252 Resp: 112182
Ion Ratio Lower Upper
252 100
253 23.1 22.4 33.6
125 17.8 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.088 ng/ul

RT: 26.525 min Scan# 5819

Delta R.T. -0.007 min

Lab File: BM041665.D

Acq: 06 Sep 2023 19:09

Instrument :

BNA_M

ClientSampleId :

EZYH4

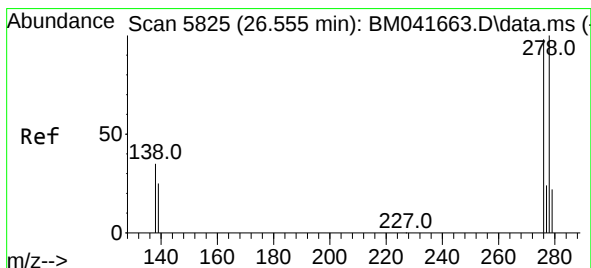
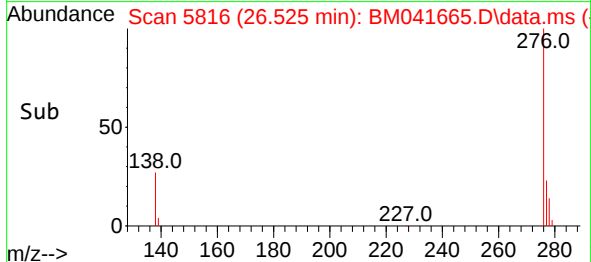
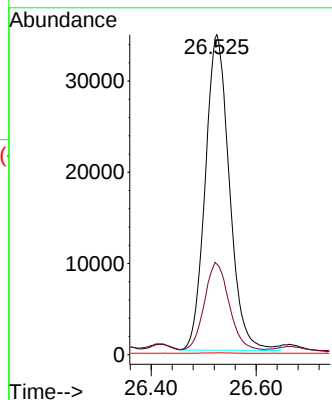
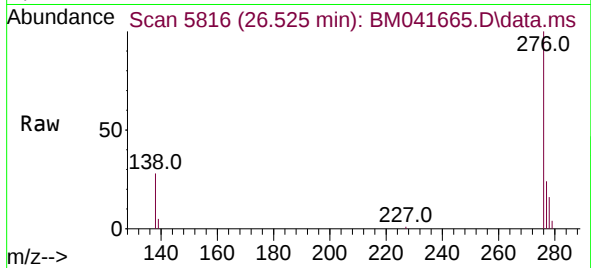
Tgt Ion:276 Resp: 110638

Ion Ratio Lower Upper

276 100

138 28.1 26.4 39.6

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.616 ng/ul

RT: 26.538 min Scan# 5820

Delta R.T. -0.014 min

Lab File: BM041665.D

Acq: 06 Sep 2023 19:09

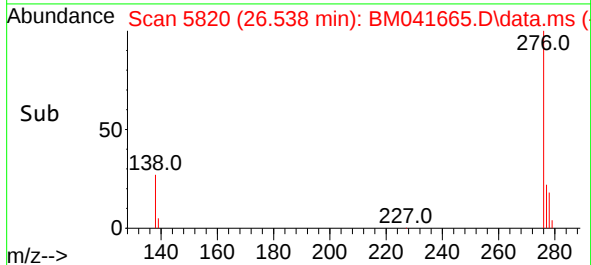
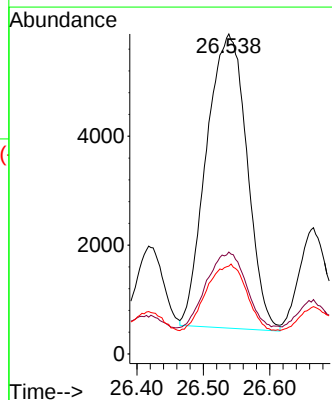
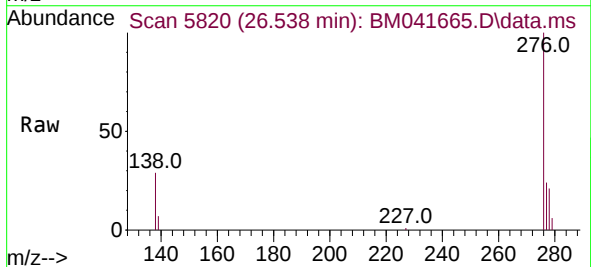
Tgt Ion:278 Resp: 22877

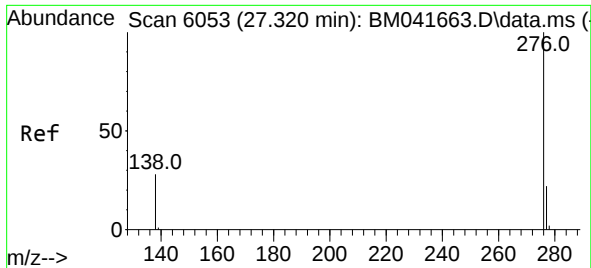
Ion Ratio Lower Upper

278 100

139 31.8 23.0 34.6

279 27.5 22.9 34.3





#29

Benzo(g,h,i)perylene

Concen: 2.501 ng/ul

RT: 27.310 min Scan# 60

Delta R.T. -0.007 min

Lab File: BM041665.D

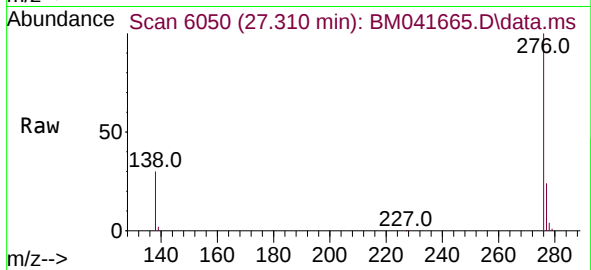
Acq: 06 Sep 2023 19:09

Instrument :

BNA_M

ClientSampleId :

EZYH4



Tgt Ion:276 Resp: 117425

Ion Ratio Lower Upper

276 100

138 29.9 25.0 37.4

277 23.7 20.2 30.2

