

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038065.D
 Acq On : 16 Dec 2022 13:53
 Operator : CG/JU
 Sample : N5925-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXU8

Quant Time: Dec 16 23:20:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

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

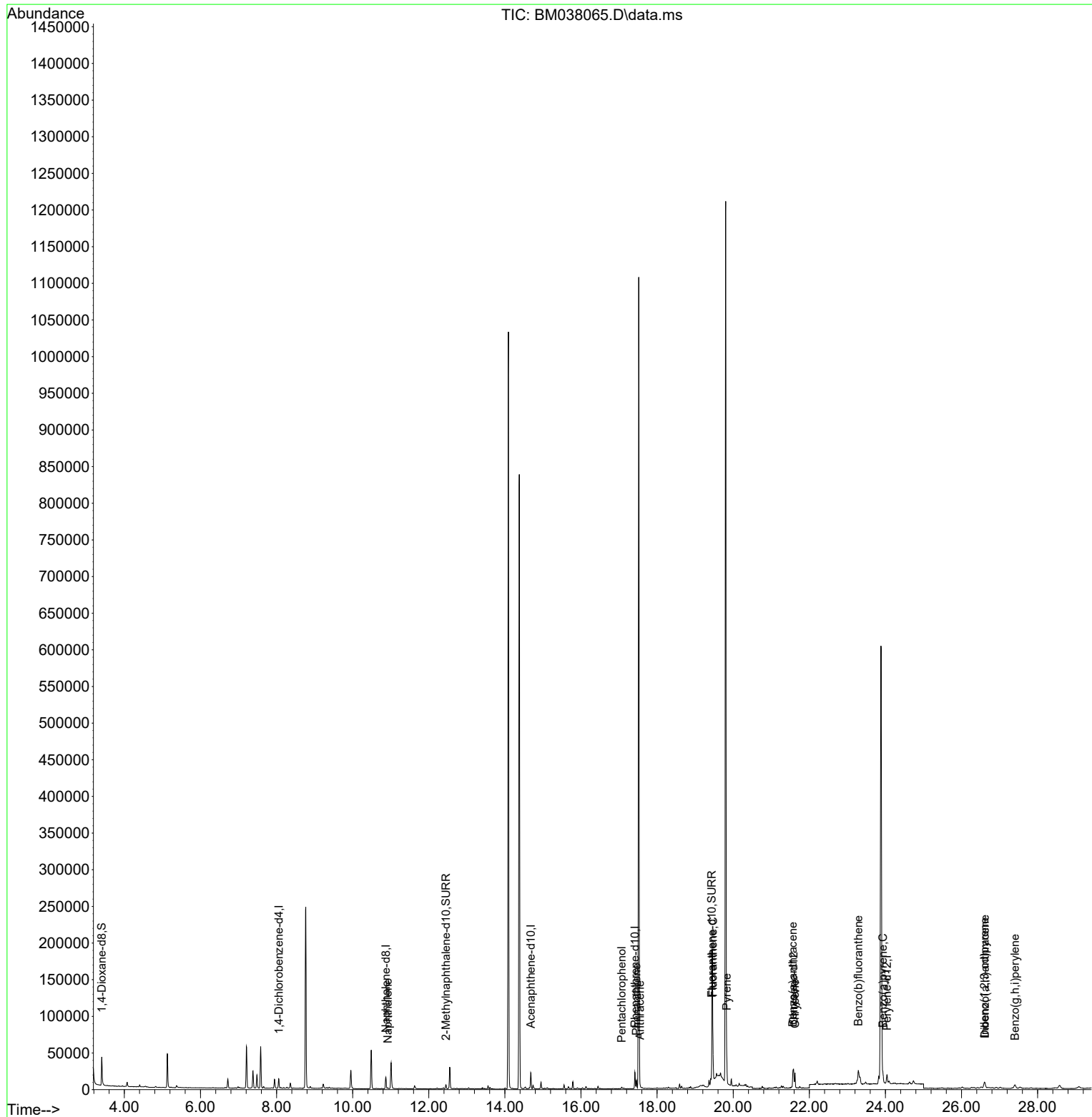
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	6494	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	20892	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	11902	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	24915	0.400	ng/ul	0.00
17) Chrysene-d12	21.585	240	18416	0.400	ng/ul	# 0.00
23) Perylene-d12	24.041	264	16744	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	26215	2.953	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	6983	0.229	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	16418	0.246	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	1536	0.024	ng/ul#	83
14) Pentachlorophenol	17.071	266	1642	0.159	ng/ul	96
15) Phenanthrene	17.459	178	11453	0.136	ng/ul	96
16) Anthracene	17.552	178	2382	0.031	ng/ul#	82
19) Fluoranthene	19.468	202	51800	0.545	ng/ul	97
20) Pyrene	19.831	202	34854	0.359	ng/ul	95
21) Benzo(a)anthracene	21.568	228	17687	0.222	ng/ul	95
22) Chrysene	21.623	228	20426	0.254	ng/ul	96
24) Benzo(b)fluoranthene	23.287	252	31385	0.395	ng/ul	94
26) Benzo(a)pyrene	23.933	252	18174	0.272	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.605	276	14445	0.172	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.615	278	3791	0.058	ng/ul#	53
29) Benzo(g,h,i)perylene	27.404	276	11276	0.158	ng/ul	92

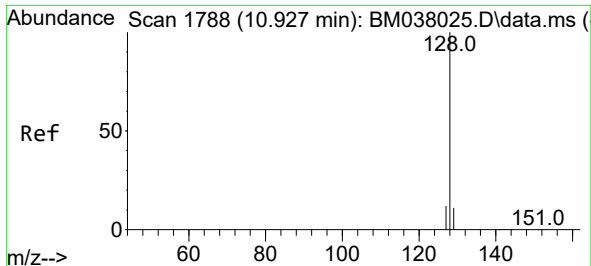
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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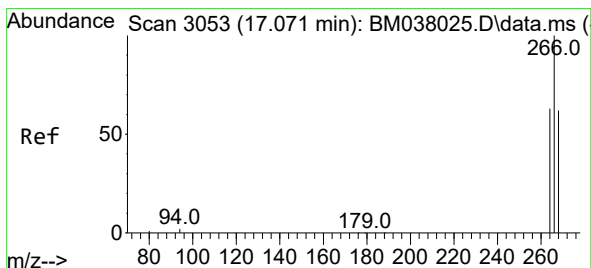
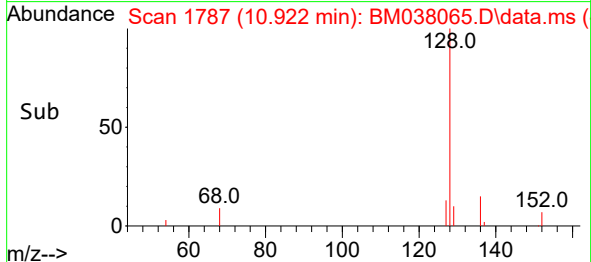
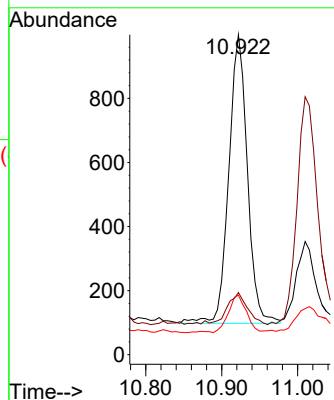
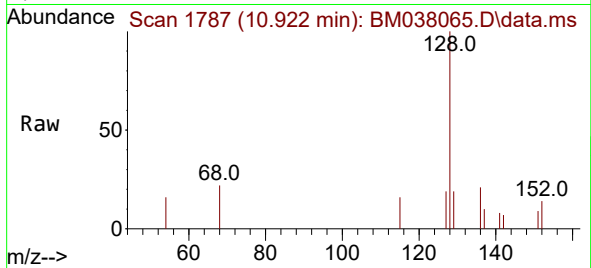




#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

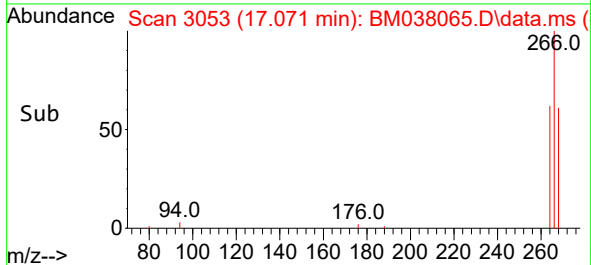
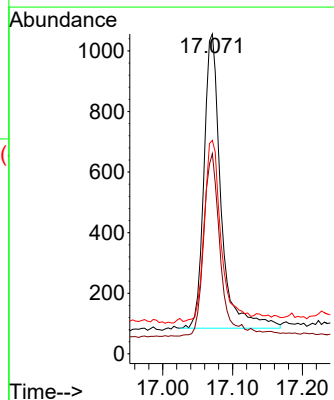
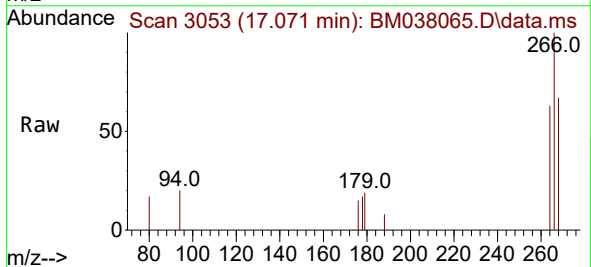
Instrument :
BNA_M
ClientSampleId :
DBXU8

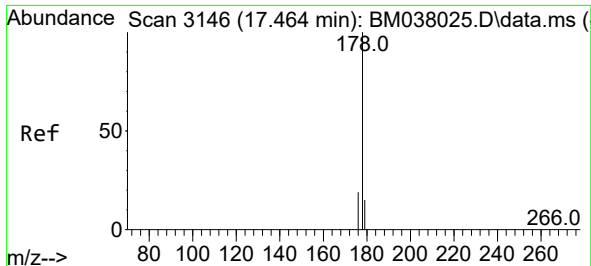
Tgt Ion:128 Resp: 1536
Ion Ratio Lower Upper
128 100
129 19.4 9.1 13.7#
127 18.6 10.4 15.6#



#14
Pentachlorophenol
Concen: 0.159 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. -0.000 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

Tgt Ion:266 Resp: 1642
Ion Ratio Lower Upper
266 100
264 61.8 49.9 74.9
268 60.0 52.0 78.0

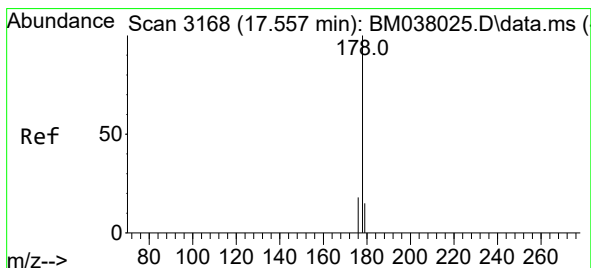
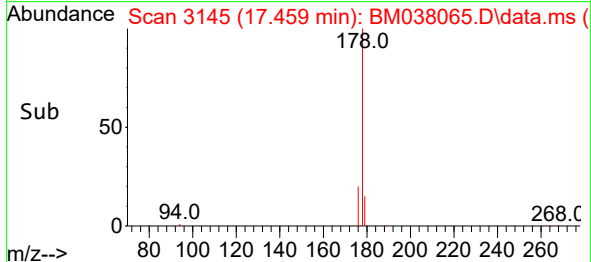
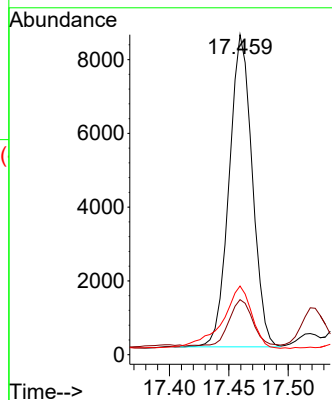
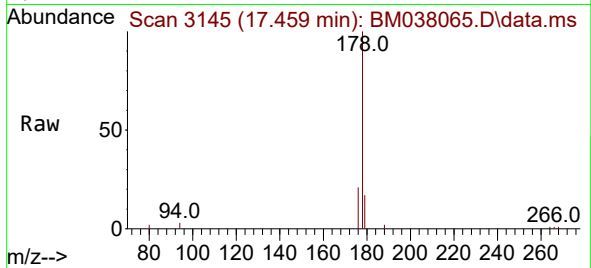




#15
Phenanthrene
Concen: 0.136 ng/ul
RT: 17.459 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

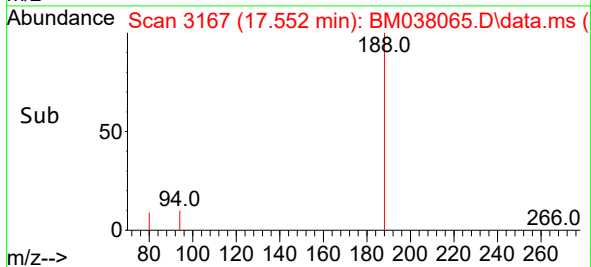
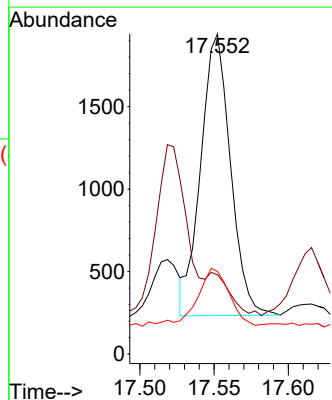
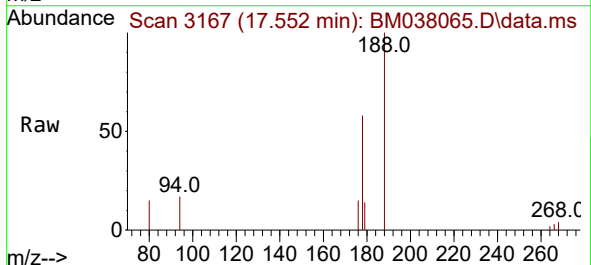
Instrument :
BNA_M
ClientSampleId :
DBXU8

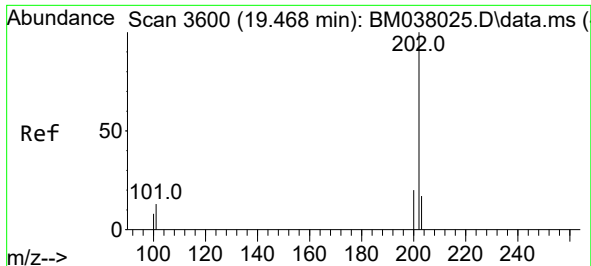
Tgt Ion:178 Resp: 11453
Ion Ratio Lower Upper
178 100
179 17.2 12.6 19.0
176 21.5 15.8 23.6



#16
Anthracene
Concen: 0.031 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

Tgt Ion:178 Resp: 2382
Ion Ratio Lower Upper
178 100
179 24.8 13.0 19.4#
176 25.8 15.0 22.4#

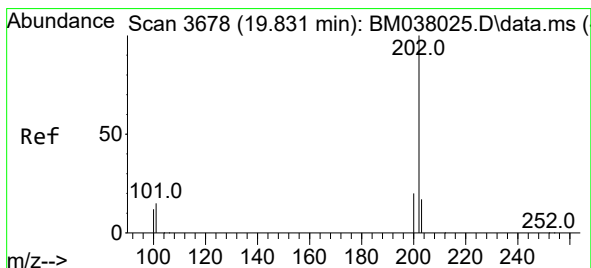
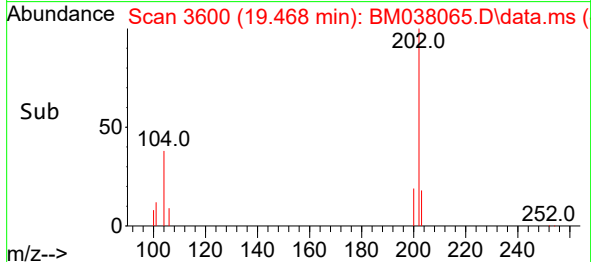
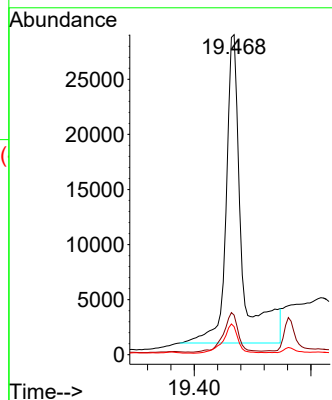
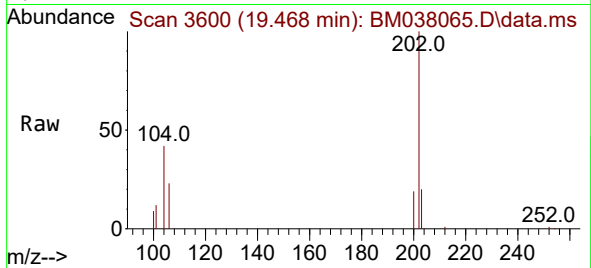




#19
Fluoranthene
Concen: 0.545 ng/ul
RT: 19.468 min Scan# 3600
Delta R.T. -0.000 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

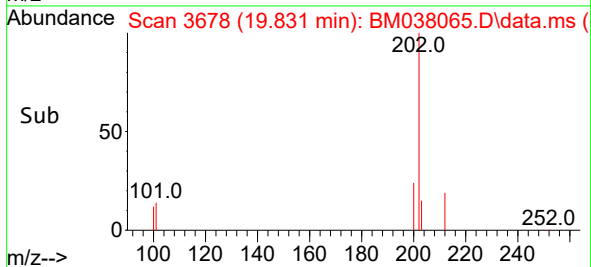
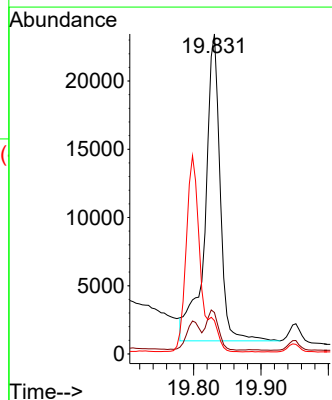
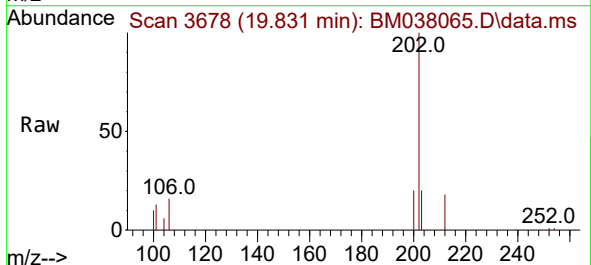
Instrument :
BNA_M
ClientSampleId :
DBXU8

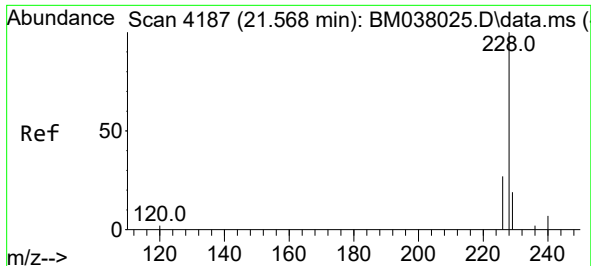
Tgt Ion:202 Resp: 51800
Ion Ratio Lower Upper
202 100
101 12.4 10.6 15.8
100 8.7 7.9 11.9



#20
Pyrene
Concen: 0.359 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. -0.000 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

Tgt Ion:202 Resp: 34854
Ion Ratio Lower Upper
202 100
101 13.0 12.1 18.1
100 10.4 9.8 14.6

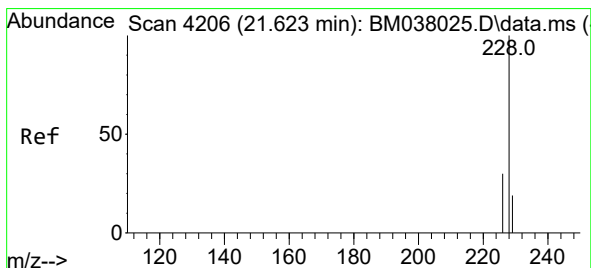
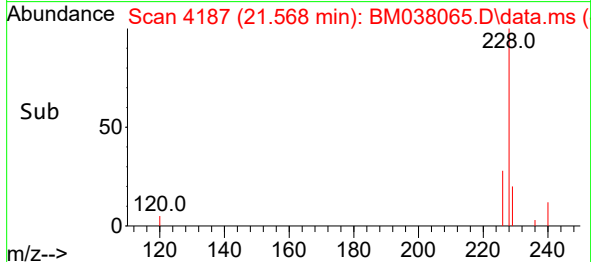
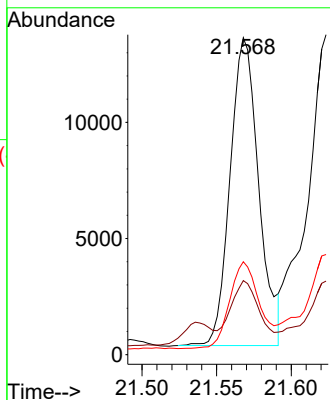
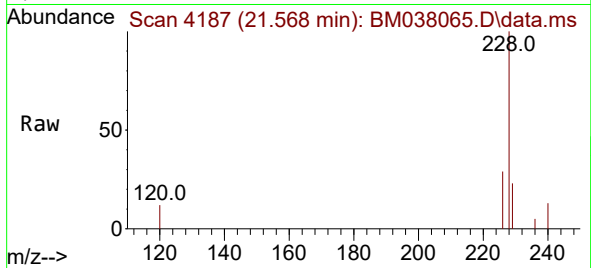




#21
Benzo(a)anthracene
Concen: 0.222 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. -0.000 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

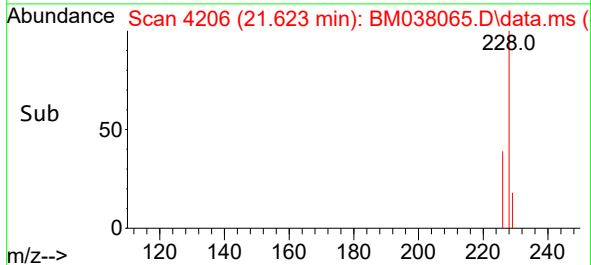
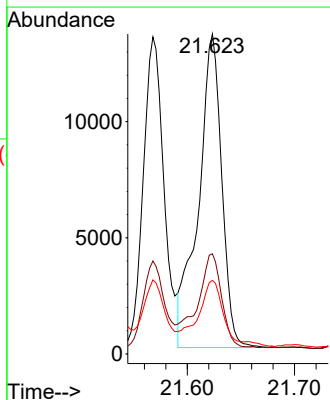
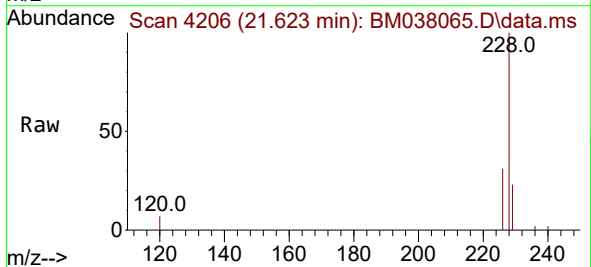
Instrument :
BNA_M
ClientSampleId :
DBXU8

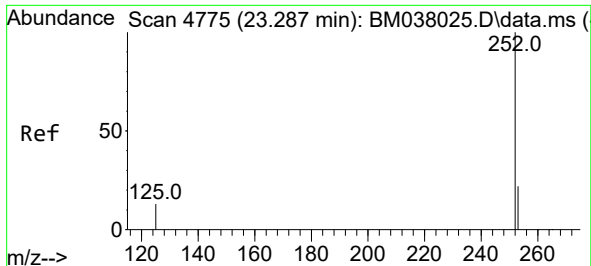
Tgt Ion:228 Resp: 17687
Ion Ratio Lower Upper
228 100
229 23.4 15.9 23.9
226 29.3 22.1 33.1



#22
Chrysene
Concen: 0.254 ng/ul
RT: 21.623 min Scan# 4206
Delta R.T. -0.000 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

Tgt Ion:228 Resp: 20426
Ion Ratio Lower Upper
228 100
226 31.3 24.1 36.1
229 23.0 15.7 23.5

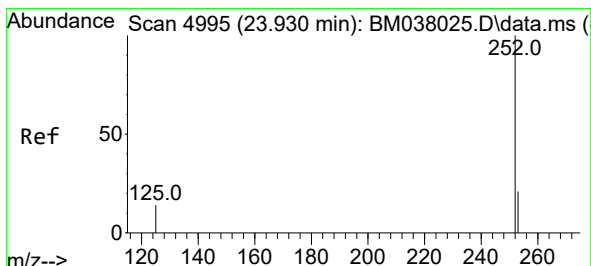
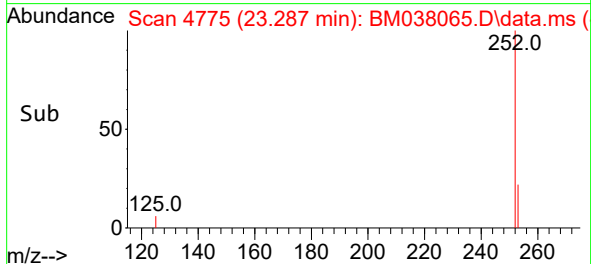
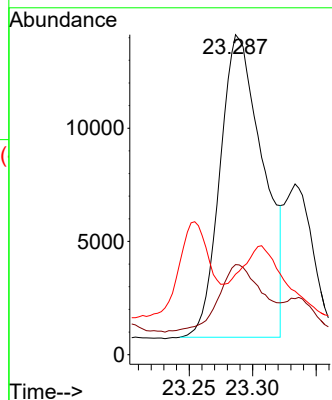
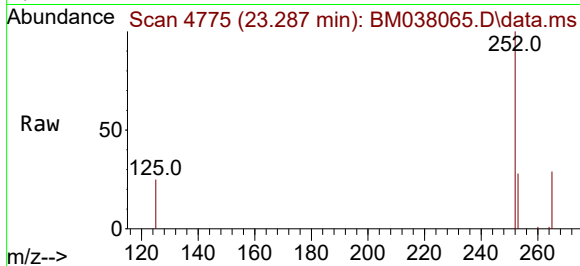




#24
Benzo(b)fluoranthene
Concen: 0.395 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. -0.000 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

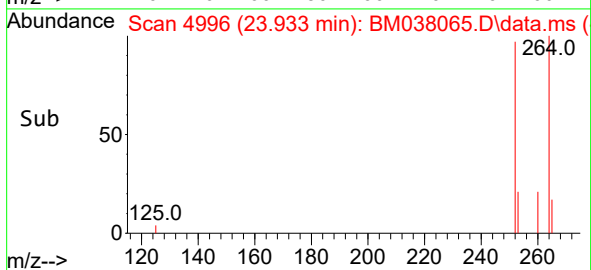
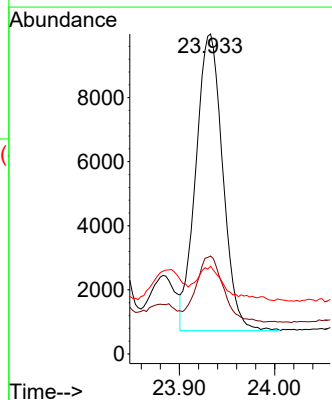
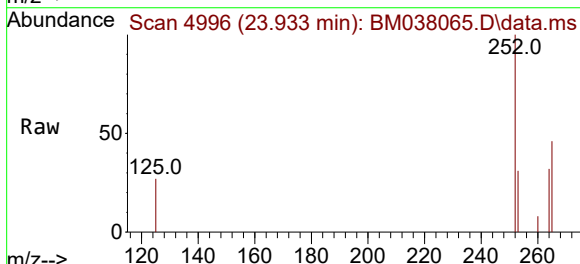
Instrument :
BNA_M
ClientSampleId :
DBXU8

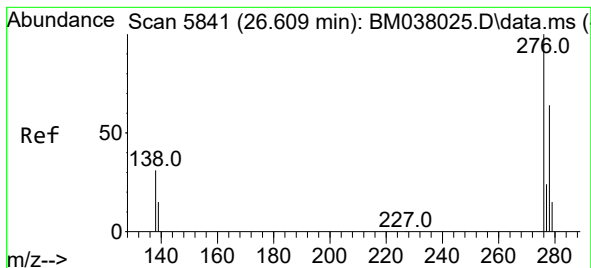
Tgt Ion:252 Resp: 31385
Ion Ratio Lower Upper
252 100
253 28.2 0.0 51.8
125 25.1 0.0 42.2



#26
Benzo(a)pyrene
Concen: 0.272 ng/ul
RT: 23.933 min Scan# 4996
Delta R.T. 0.003 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

Tgt Ion:252 Resp: 18174
Ion Ratio Lower Upper
252 100
253 30.6 21.9 32.9
125 27.4 20.7 31.1





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.172 ng/ul

RT: 26.605 min Scan# 5841

Delta R.T. -0.003 min

Lab File: BM038065.D

Acq: 16 Dec 2022 13:53

Instrument :

BNA_M

ClientSampleId :

DBXU8

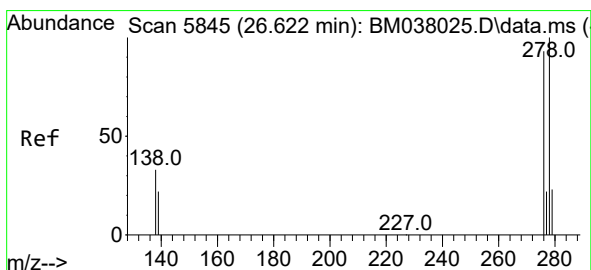
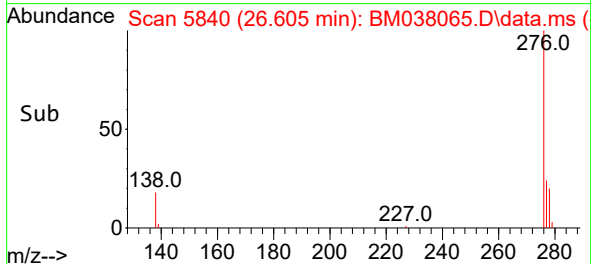
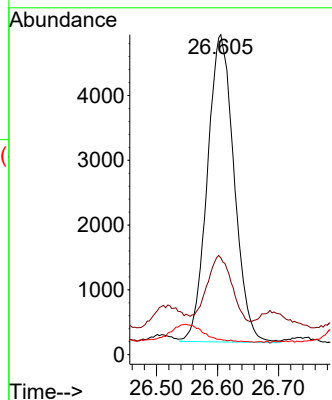
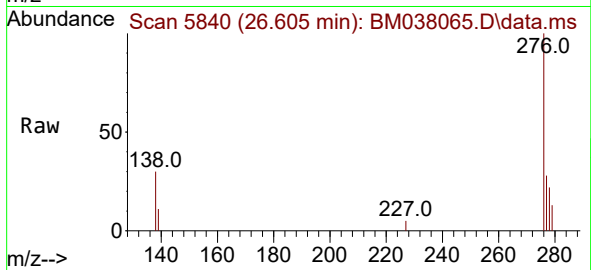
Tgt Ion:276 Resp: 14445

Ion Ratio Lower Upper

276 100

138 23.0 26.6 40.0#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.058 ng/ul

RT: 26.615 min Scan# 5843

Delta R.T. -0.007 min

Lab File: BM038065.D

Acq: 16 Dec 2022 13:53

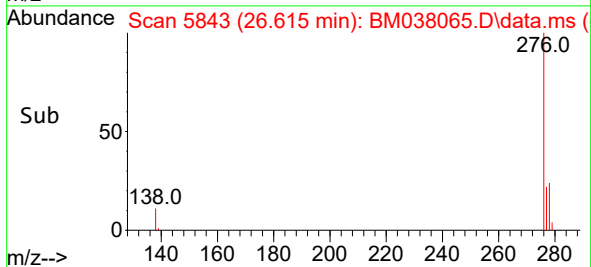
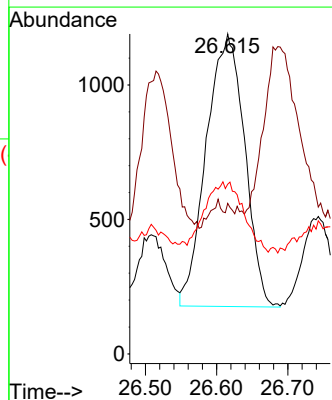
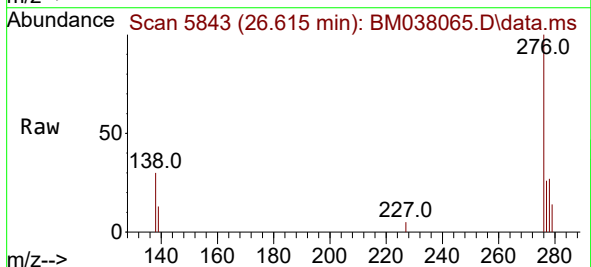
Tgt Ion:278 Resp: 3791

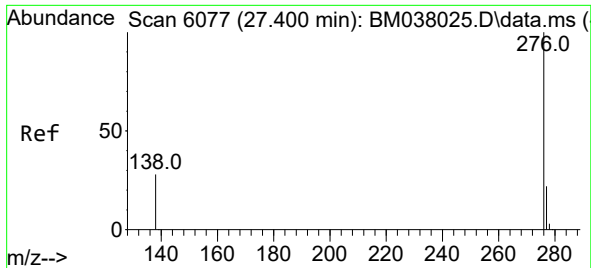
Ion Ratio Lower Upper

278 100

139 47.1 19.0 28.6#

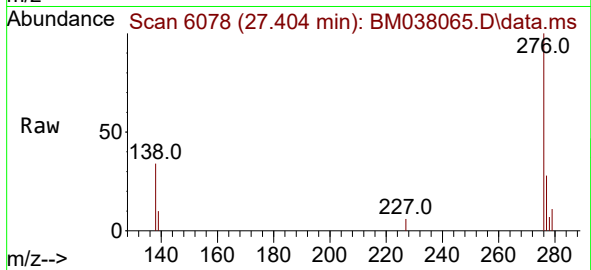
279 53.0 22.4 33.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.158 ng/ul
 RT: 27.404 min Scan# 6078
 Delta R.T. 0.003 min
 Lab File: BM038065.D
 Acq: 16 Dec 2022 13:53

Instrument :
 BNA_M
 ClientSampleId :
 DBXU8



Tgt Ion:	276	Resp:	11276
Ion Ratio	Lower	Upper	
276	100		
138	34.0	24.1	36.1
277	27.7	19.0	28.6

