

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040587.D
 Acq On : 03 Jul 2023 22:32
 Operator : MA/JU
 Sample : 03242-06DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGA4DL

Quant Time: Jul 04 01:30:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

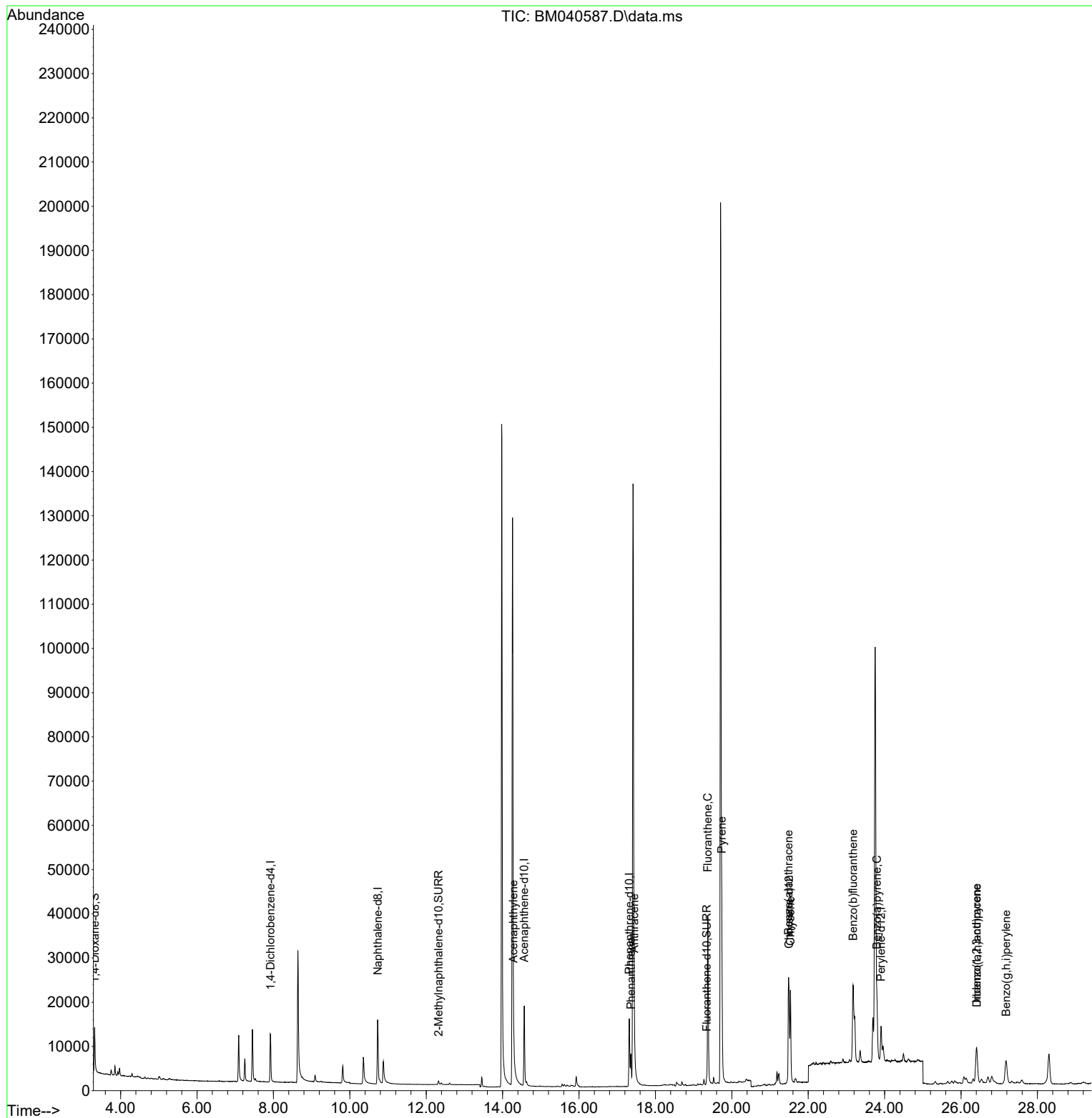
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	6014	0.400	ng/ul	0.00
4) Naphthalene-d8	10.728	136	22726	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.568	164	11118	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	21798	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	12963	0.400	ng/ul	0.00
23) Perylene-d12	23.906	264	12209	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	6391	0.677	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	1528	0.048	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	2309	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.286	152	3705	0.075	ng/ul#	91
15) Phenanthrene	17.357	178	8471	0.125	ng/ul	97
16) Anthracene	17.446	178	3446	0.061	ng/ul#	86
19) Fluoranthene	19.370	202	38785	0.704	ng/ul	98
20) Pyrene	19.737	202	30660	0.519	ng/ul	98
21) Benzo(a)anthracene	21.483	228	23229	0.530	ng/ul	96
22) Chrysene	21.535	228	22253	0.445	ng/ul	97
24) Benzo(b)fluoranthene	23.175	252	34164	0.723	ng/ul	98
26) Benzo(a)pyrene	23.797	252	19177	0.451	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.407	276	15115	0.255	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.417	278	4420	0.095	ng/ul#	60
29) Benzo(g,h,i)perylene	27.178	276	13852	0.267	ng/ul	94

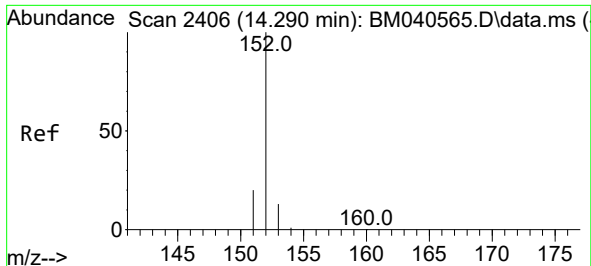
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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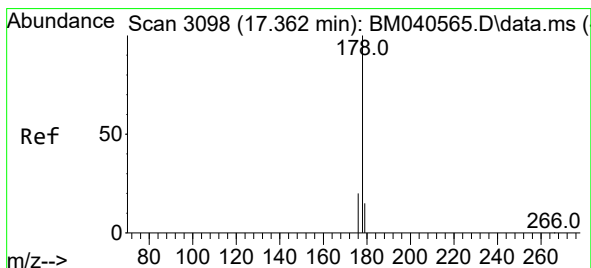
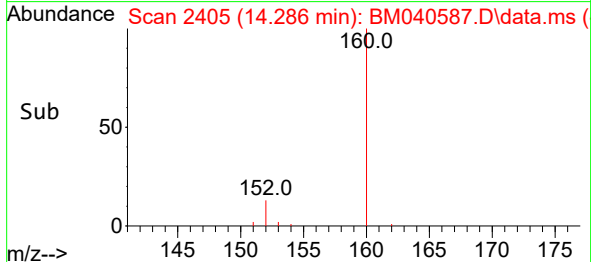
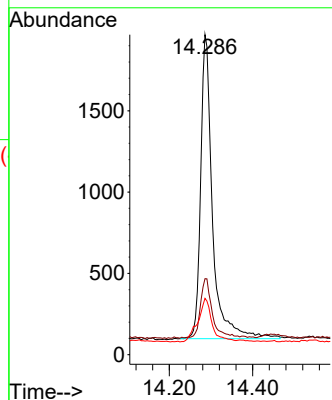
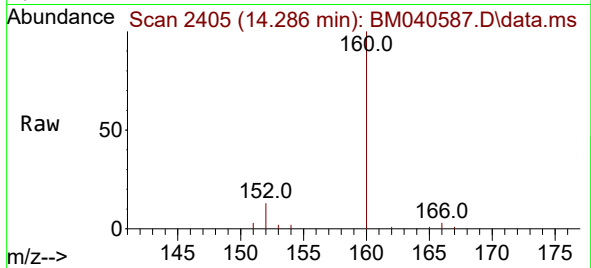




#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 14.286 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BM040587.D
Acq: 03 Jul 2023 22:32

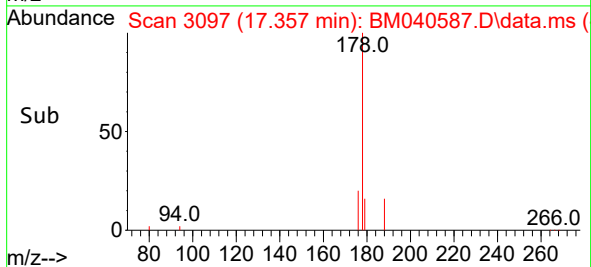
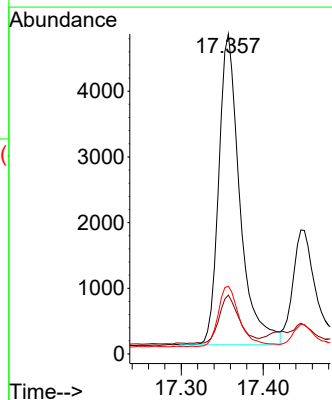
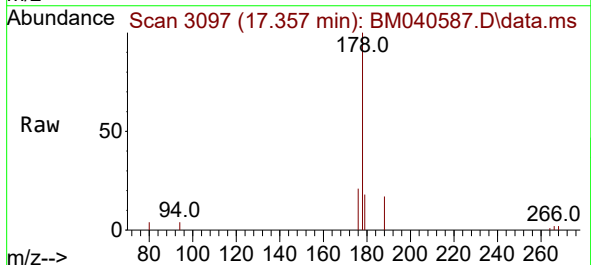
Instrument :
BNA_M
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DCGA4DL

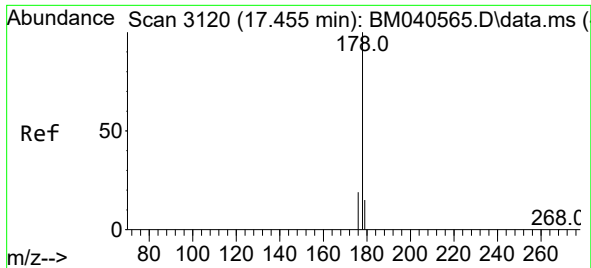
Tgt Ion:152 Resp: 3705
Ion Ratio Lower Upper
152 100
151 23.7 16.2 24.2
153 17.6 10.9 16.3#



#15
Phenanthrene
Concen: 0.125 ng/ul
RT: 17.357 min Scan# 3097
Delta R.T. -0.004 min
Lab File: BM040587.D
Acq: 03 Jul 2023 22:32

Tgt Ion:178 Resp: 8471
Ion Ratio Lower Upper
178 100
179 18.4 12.8 19.2
176 21.2 16.4 24.6

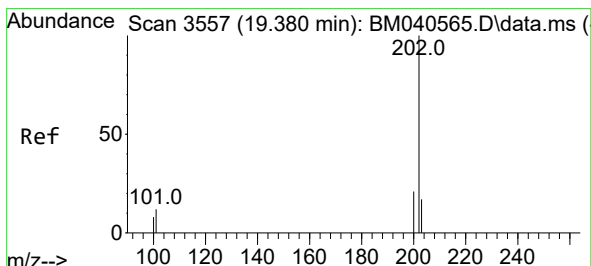
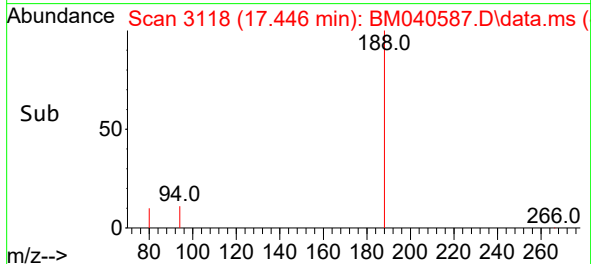
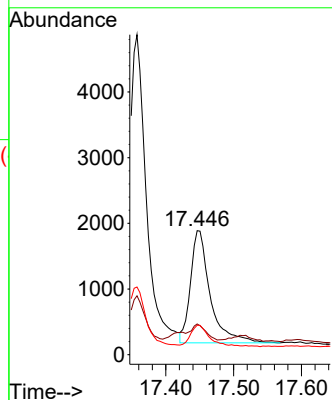
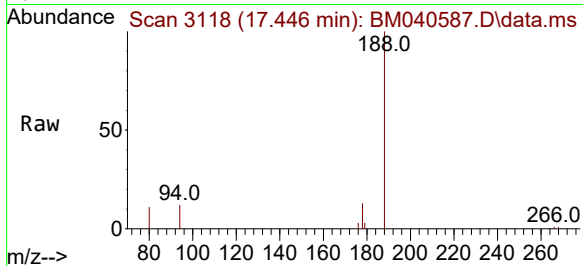




#16
 Anthracene
 Concen: 0.061 ng/ul
 RT: 17.446 min Scan# 3118
 Delta R.T. -0.009 min
 Lab File: BM040587.D
 Acq: 03 Jul 2023 22:32

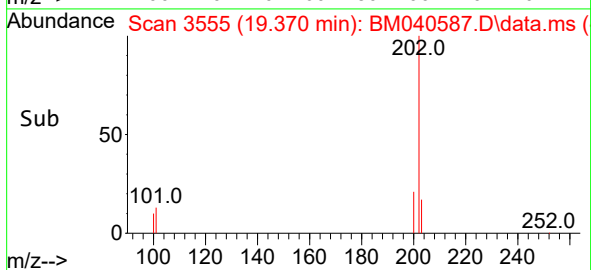
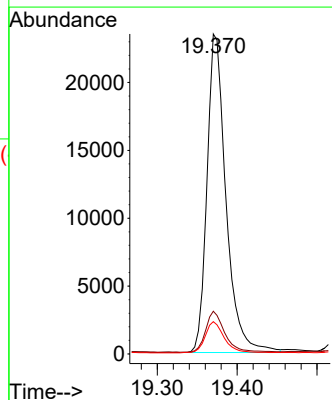
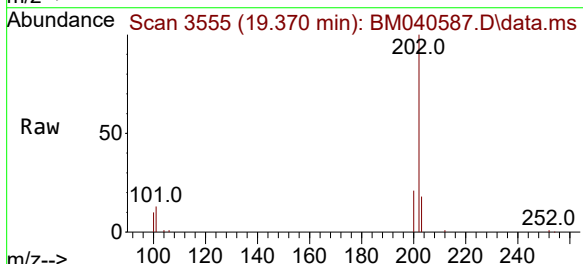
Instrument :
 BNA_M
 ClientSampleId :
 DCGA4DL

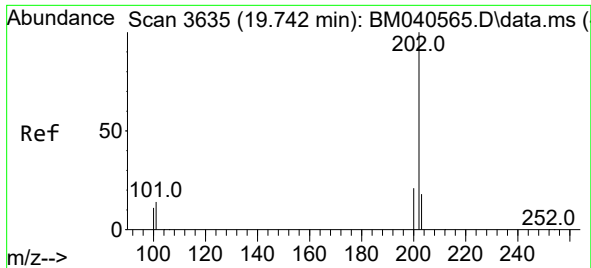
Tgt Ion:178 Resp: 3446
 Ion Ratio Lower Upper
 178 100
 179 24.9 12.9 19.3#
 176 23.8 15.8 23.6#



#19
 Fluoranthene
 Concen: 0.704 ng/ul
 RT: 19.370 min Scan# 3555
 Delta R.T. -0.009 min
 Lab File: BM040587.D
 Acq: 03 Jul 2023 22:32

Tgt Ion:202 Resp: 38785
 Ion Ratio Lower Upper
 202 100
 101 13.4 11.4 17.0
 100 10.1 8.7 13.1

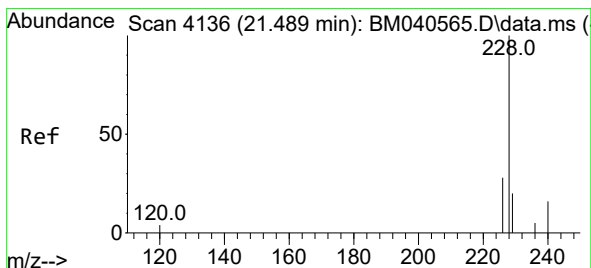
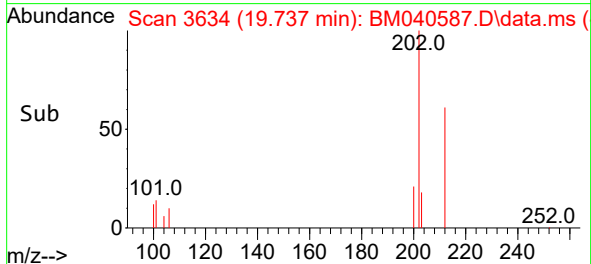
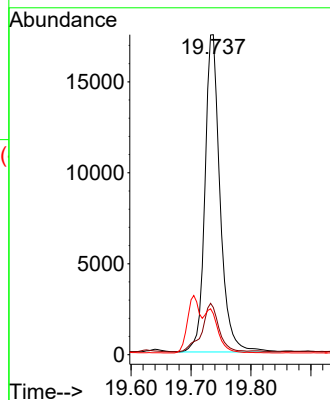
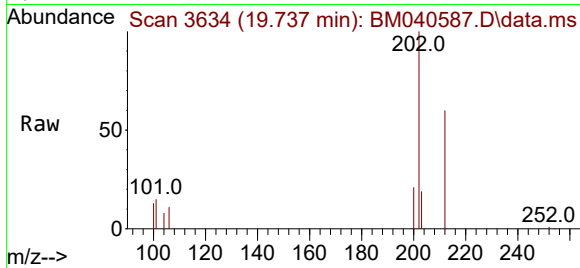




#20
Pyrene
Concen: 0.519 ng/ul
RT: 19.737 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM040587.D
Acq: 03 Jul 2023 22:32

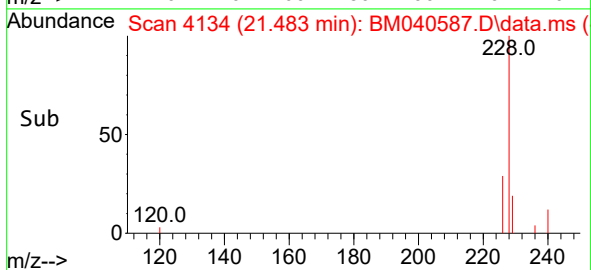
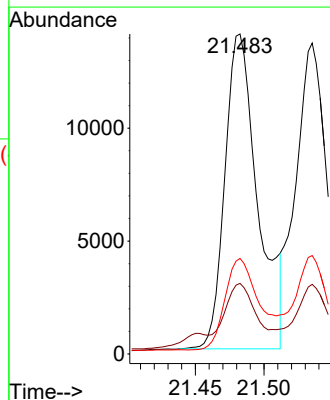
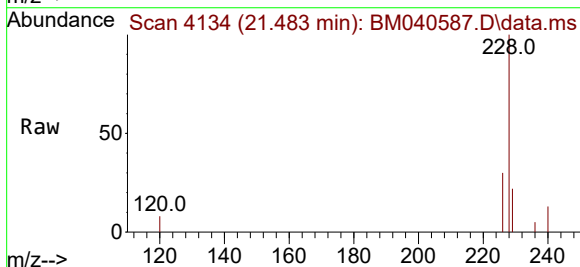
Instrument :
BNA_M
ClientSampleId :
DCGA4DL

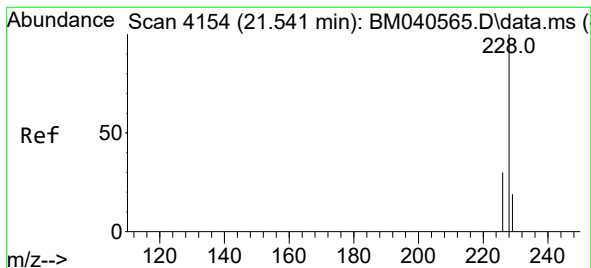
Tgt Ion:202 Resp: 30660
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 12.8 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.530 ng/ul
RT: 21.483 min Scan# 4134
Delta R.T. -0.006 min
Lab File: BM040587.D
Acq: 03 Jul 2023 22:32

Tgt Ion:228 Resp: 23229
Ion Ratio Lower Upper
228 100
229 22.1 16.0 24.0
226 29.8 22.3 33.5





#22

Chrysene

Concen: 0.445 ng/ul

RT: 21.535 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM040587.D

Acq: 03 Jul 2023 22:32

Instrument :

BNA_M

ClientSampleId :

DCGA4DL

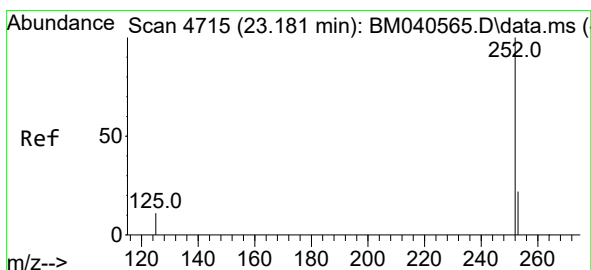
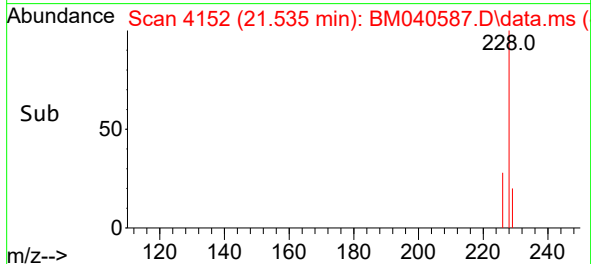
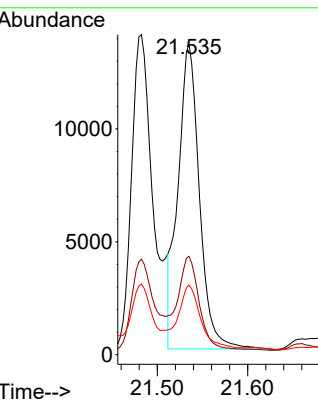
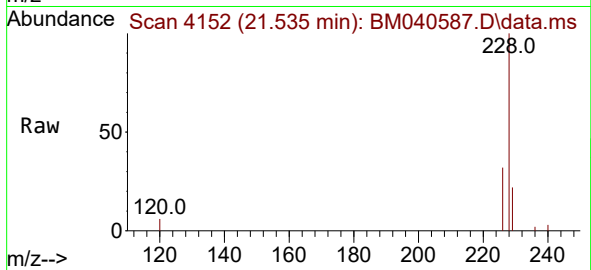
Tgt Ion:228 Resp: 22253

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

229 22.4 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.723 ng/ul

RT: 23.175 min Scan# 4713

Delta R.T. -0.006 min

Lab File: BM040587.D

Acq: 03 Jul 2023 22:32

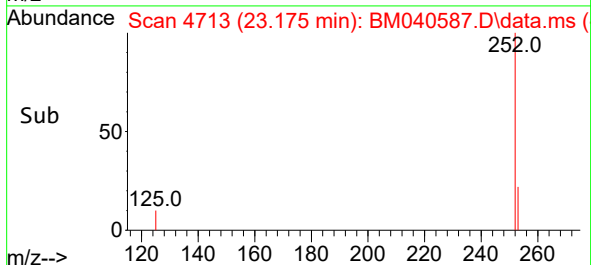
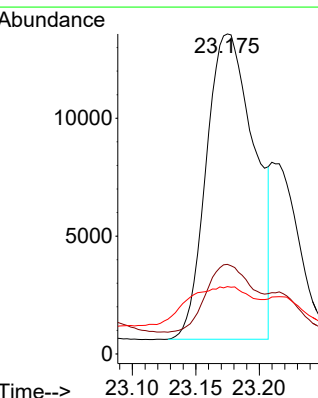
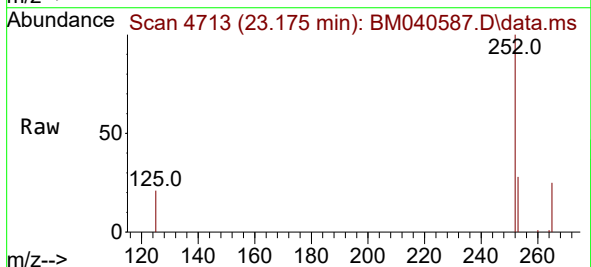
Tgt Ion:252 Resp: 34164

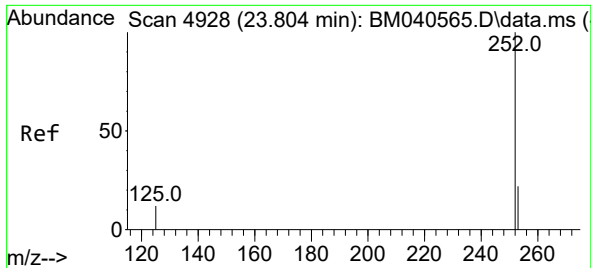
Ion Ratio Lower Upper

252 100

253 28.0 0.0 52.8

125 21.0 0.0 43.0

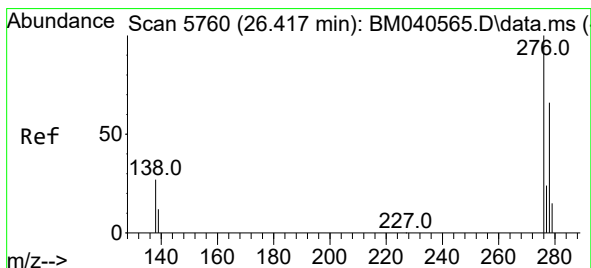
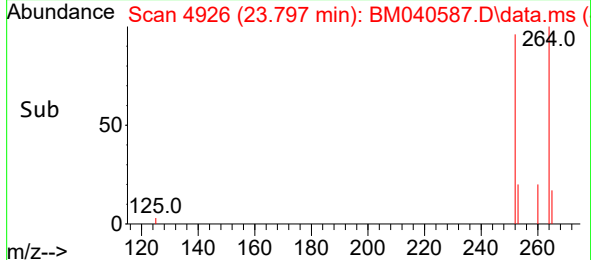
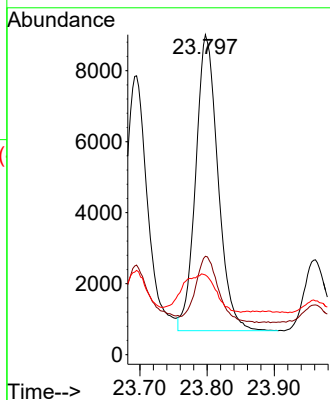
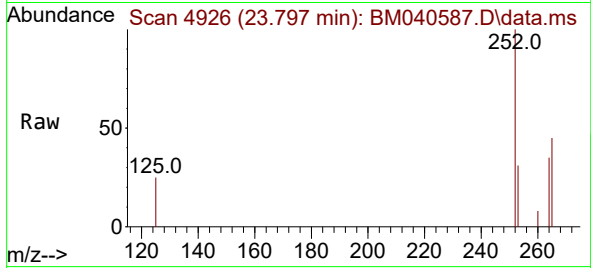




#26
Benzo(a)pyrene
Concen: 0.451 ng/ul
RT: 23.797 min Scan# 4926
Delta R.T. -0.006 min
Lab File: BM040587.D
Acq: 03 Jul 2023 22:32

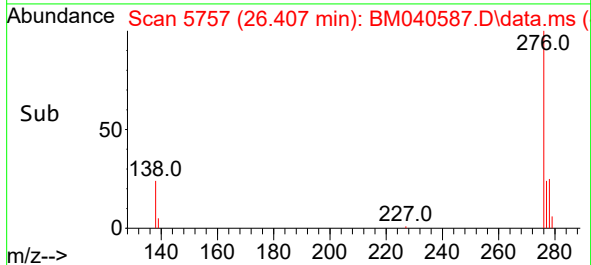
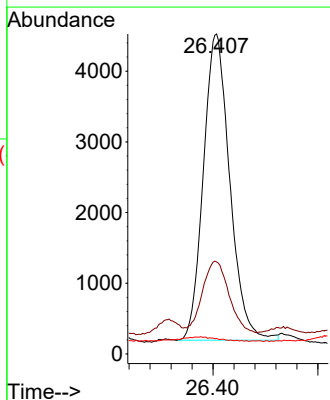
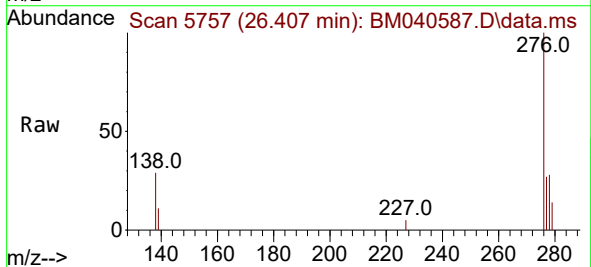
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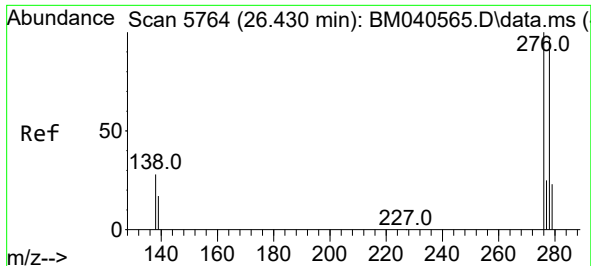
Tgt Ion:252 Resp: 19177
Ion Ratio Lower Upper
252 100
253 30.7 22.9 34.3
125 24.9 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.255 ng/ul
RT: 26.407 min Scan# 5757
Delta R.T. -0.010 min
Lab File: BM040587.D
Acq: 03 Jul 2023 22:32

Tgt Ion:276 Resp: 15115
Ion Ratio Lower Upper
276 100
138 24.0 24.5 36.7#
227 0.0 0.1 0.1#

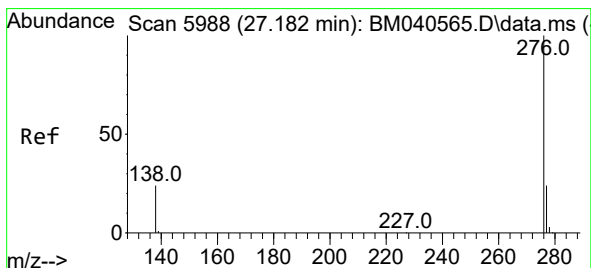
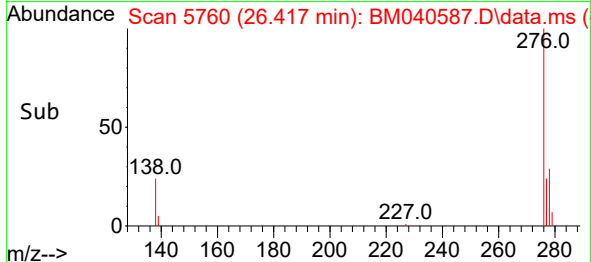
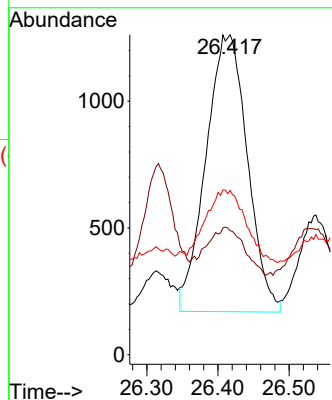
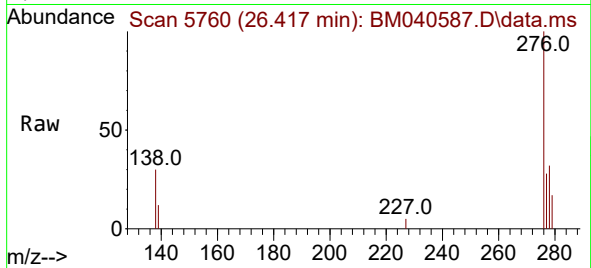




#28
Dibenzo(a,h)anthracene
Concen: 0.095 ng/ul
RT: 26.417 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM040587.D
Acq: 03 Jul 2023 22:32

Instrument :
BNA_M
ClientSampleId :
DCGA4DL

Tgt Ion:278 Resp: 4420
Ion Ratio Lower Upper
278 100
139 38.7 17.9 26.9#
279 51.3 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.267 ng/ul
RT: 27.178 min Scan# 5987
Delta R.T. -0.004 min
Lab File: BM040587.D
Acq: 03 Jul 2023 22:32

Tgt Ion:276 Resp: 13852
Ion Ratio Lower Upper
276 100
138 33.0 23.0 34.6
277 27.3 20.3 30.5

