

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040577.D
 Acq On : 03 Jul 2023 16:12
 Operator : MA/JU
 Sample : 03242-05DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGA2DL

Quant Time: Jul 03 18:35:09 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)

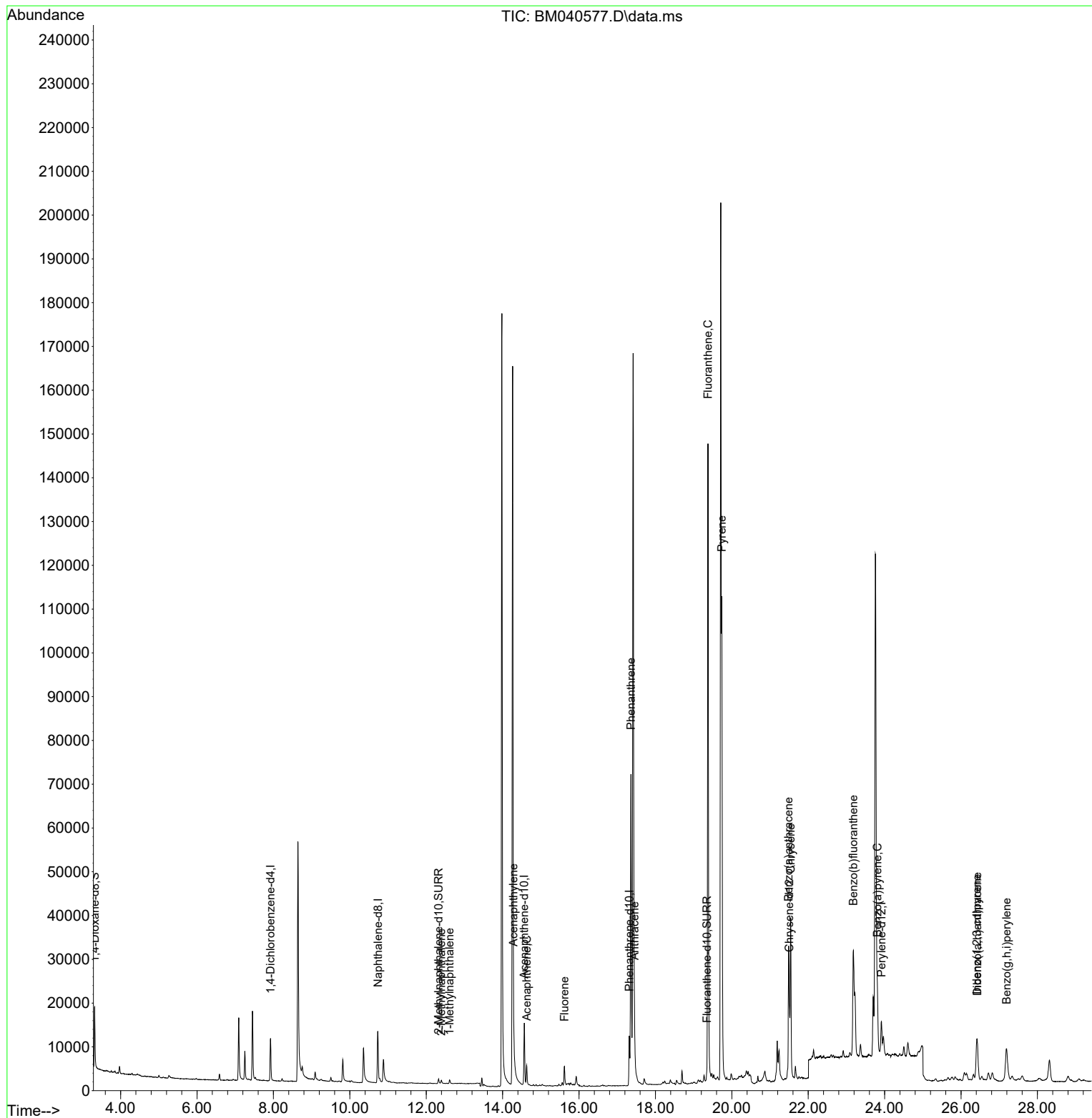
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	5274	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	18723	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.568	164	8518	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	15659	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	9193	0.400	ng/ul #	0.00
23) Perylene-d12	23.915	264	10141	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	8345	1.007	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	1873	0.071	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	2506	0.085	ng/ul	0.00
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.395	142	692	0.023	ng/ul	92
8) 1-Methylnaphthalene	12.609	142	731	0.024	ng/ul	100
10) Acenaphthylene	14.286	152	2588	0.068	ng/ul#	83
11) Acenaphthene	14.628	153	2641	0.082	ng/ul	97
12) Fluorene	15.618	166	3389	0.099	ng/ul#	97
15) Phenanthrene	17.358	178	90370	1.858	ng/ul	99
16) Anthracene	17.450	178	7448	0.182	ng/ul#	90
19) Fluoranthene	19.375	202	140463	3.597	ng/ul	96
20) Pyrene	19.737	202	90802	2.169	ng/ul	99
21) Benzo(a)anthracene	21.486	228	28969	0.932	ng/ul	97
22) Chrysene	21.541	228	40323	1.137	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	49168	1.253	ng/ul	98
26) Benzo(a)pyrene	23.809	252	22618	0.640	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.414	276	19249	0.391	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.424	278	4753	0.123	ng/ul#	49
29) Benzo(g,h,i)perylene	27.192	276	17027	0.395	ng/ul#	86

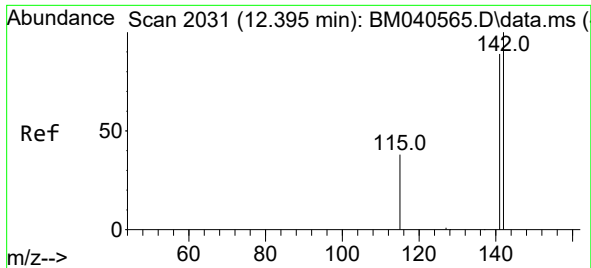
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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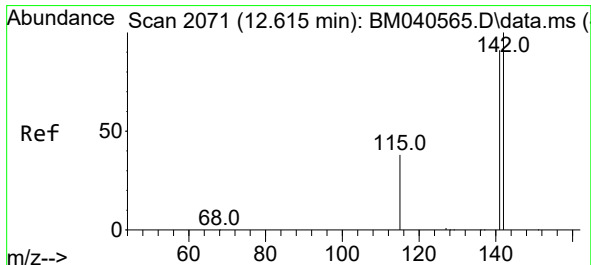
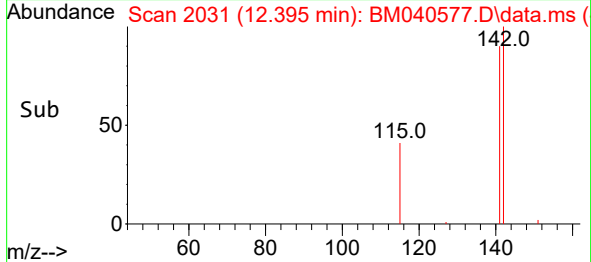
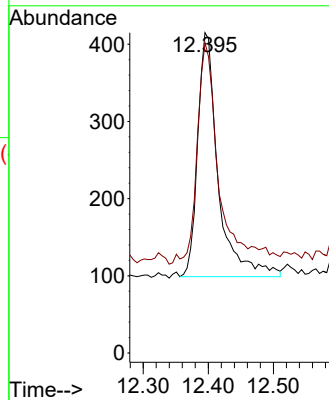
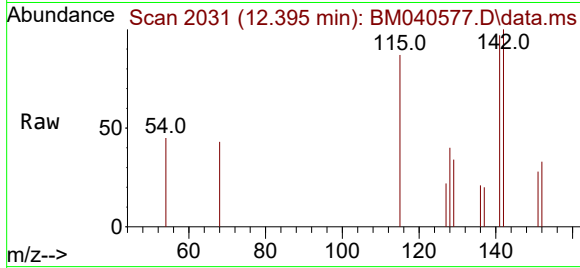




#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BM040577.D
Acq: 03 Jul 2023 16:12

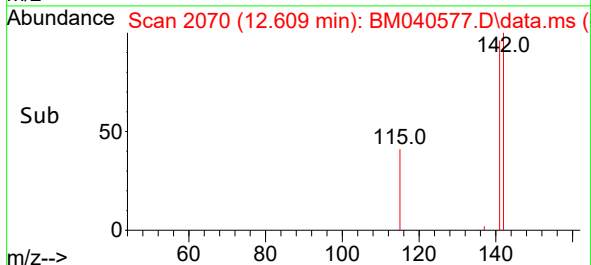
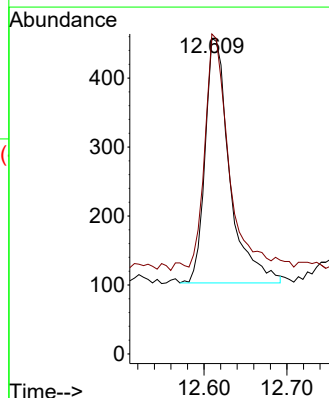
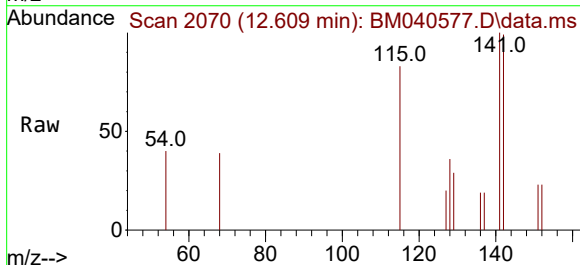
Instrument :
BNA_M
ClientSampleId :
DCGA2DL

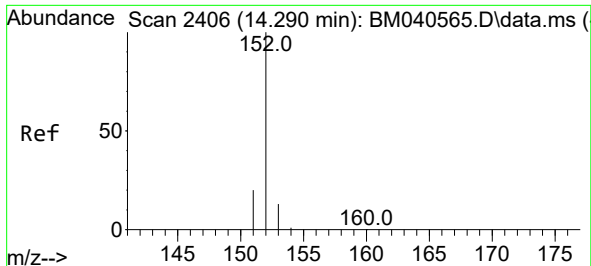
Tgt Ion:142 Resp: 692
Ion Ratio Lower Upper
142 100
141 97.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.609 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BM040577.D
Acq: 03 Jul 2023 16:12

Tgt Ion:142 Resp: 731
Ion Ratio Lower Upper
142 100
141 91.7 73.7 110.5

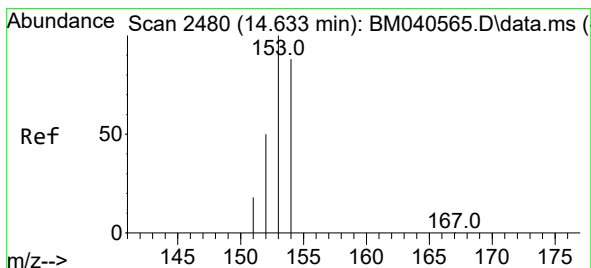
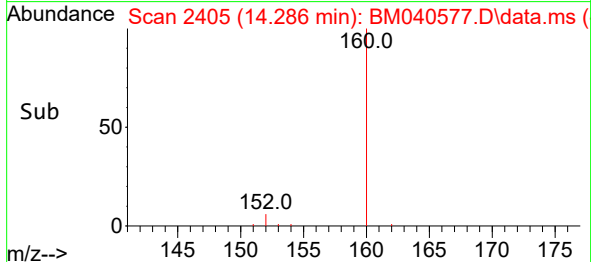
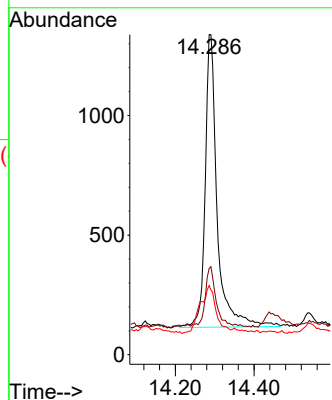
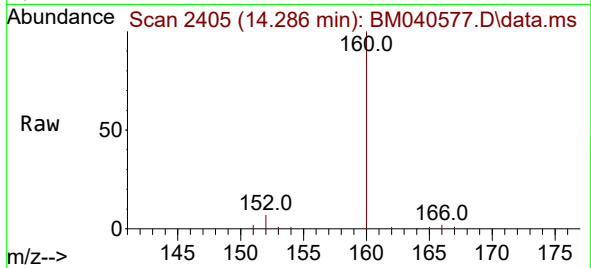




#10
Acenaphthylene
Concen: 0.068 ng/ul
RT: 14.286 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BM040577.D
Acq: 03 Jul 2023 16:12

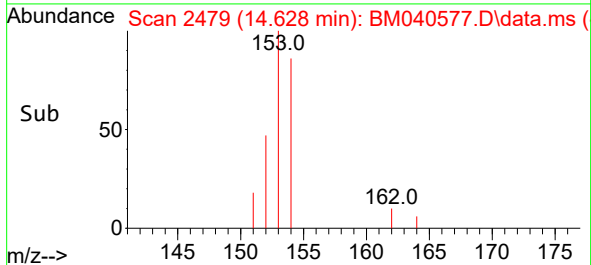
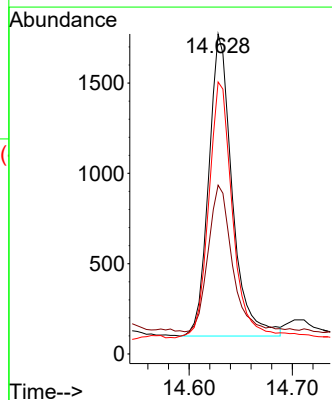
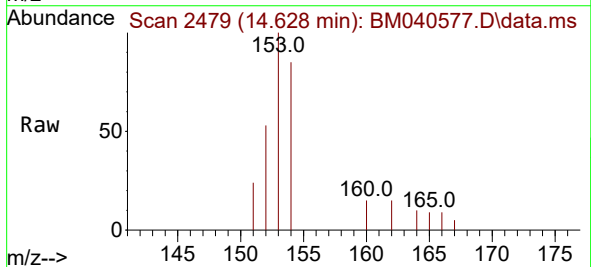
Instrument :
BNA_M
ClientSampleId :
DCGA2DL

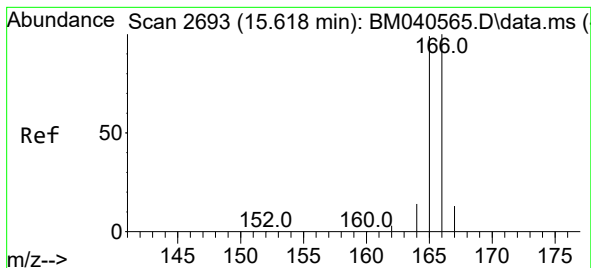
Tgt Ion:152 Resp: 2588
Ion Ratio Lower Upper
152 100
151 27.0 16.2 24.2#
153 21.6 10.9 16.3#



#11
Acenaphthene
Concen: 0.082 ng/ul
RT: 14.628 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BM040577.D
Acq: 03 Jul 2023 16:12

Tgt Ion:153 Resp: 2641
Ion Ratio Lower Upper
153 100
152 52.8 41.0 61.4
154 85.0 70.8 106.2





#12

Fluorene

Concen: 0.099 ng/ul

RT: 15.618 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM040577.D

Acq: 03 Jul 2023 16:12

Instrument :

BNA_M

ClientSampleId :

DCGA2DL

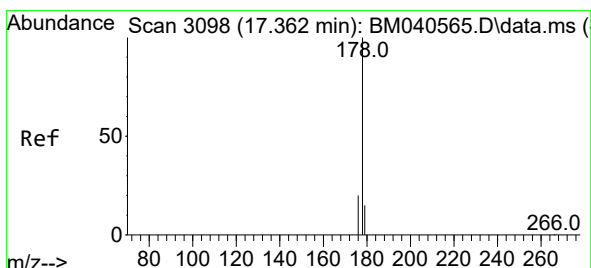
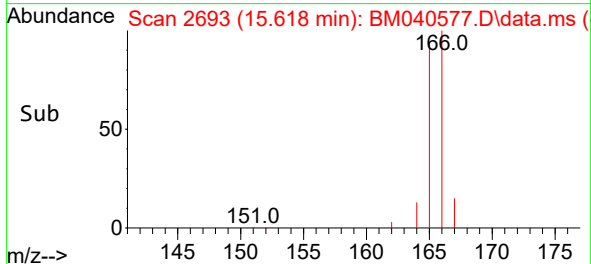
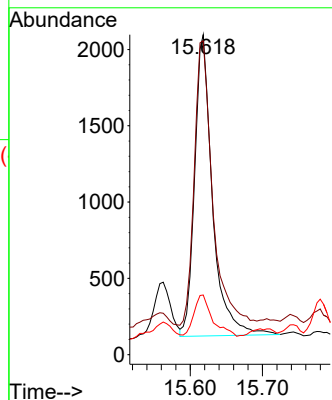
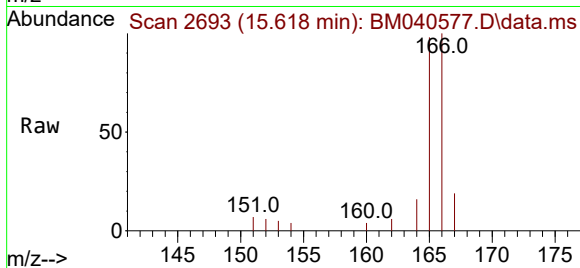
Tgt Ion:166 Resp: 3389

Ion Ratio Lower Upper

166 100

165 98.1 79.6 119.4

167 18.6 11.4 17.0#



#15

Phenanthrene

Concen: 1.858 ng/ul

RT: 17.358 min Scan# 3097

Delta R.T. -0.004 min

Lab File: BM040577.D

Acq: 03 Jul 2023 16:12

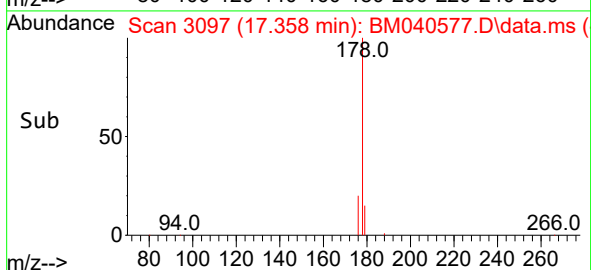
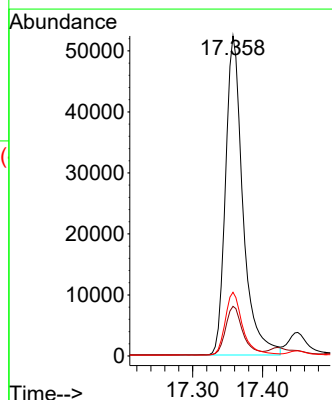
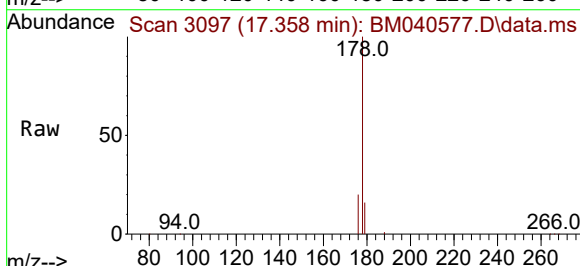
Tgt Ion:178 Resp: 90370

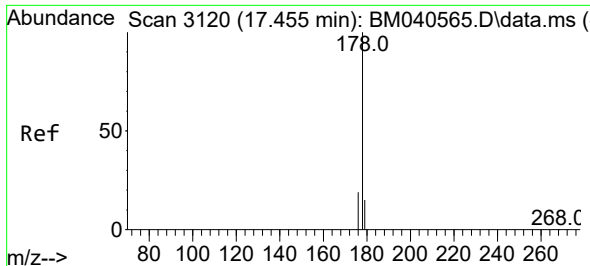
Ion Ratio Lower Upper

178 100

179 15.5 12.8 19.2

176 19.9 16.4 24.6

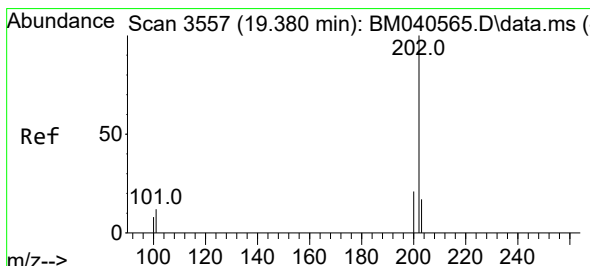
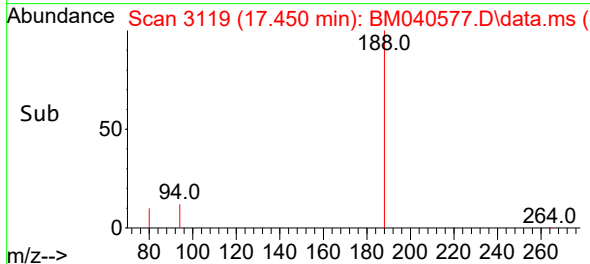
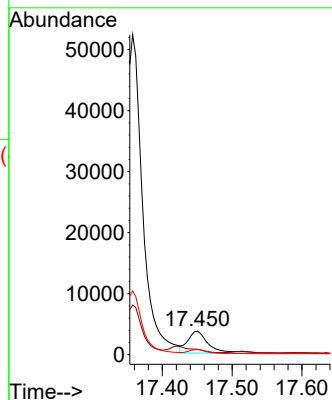
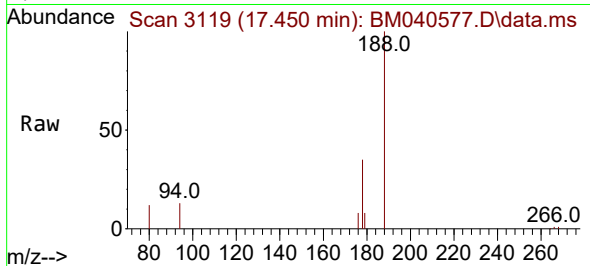




#16
 Anthracene
 Concen: 0.182 ng/ul
 RT: 17.450 min Scan# 3119
 Delta R.T. -0.004 min
 Lab File: BM040577.D
 Acq: 03 Jul 2023 16:12

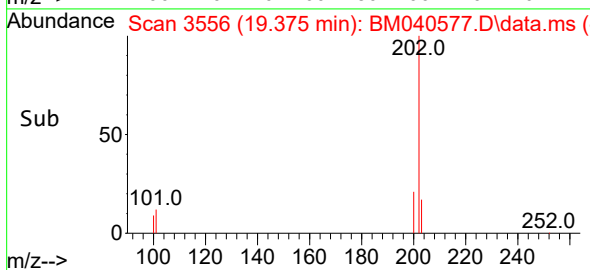
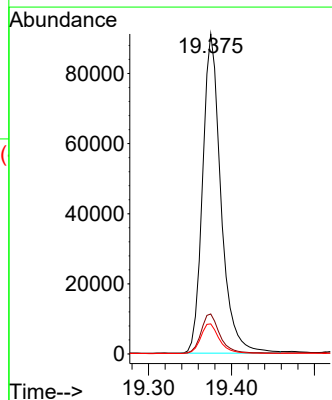
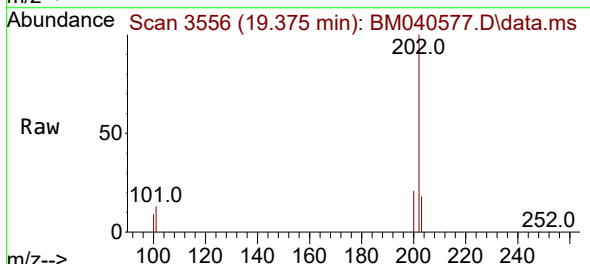
Instrument :
 BNA_M
 ClientSampleId :
 DCGA2DL

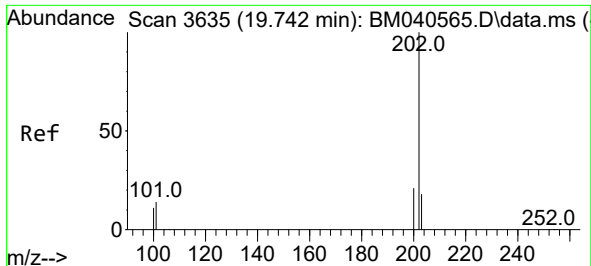
Tgt Ion:178 Resp: 7448
 Ion Ratio Lower Upper
 178 100
 179 23.2 12.9 19.3#
 176 21.9 15.8 23.6



#19
 Fluoranthene
 Concen: 3.597 ng/ul
 RT: 19.375 min Scan# 3556
 Delta R.T. -0.005 min
 Lab File: BM040577.D
 Acq: 03 Jul 2023 16:12

Tgt Ion:202 Resp: 140463
 Ion Ratio Lower Upper
 202 100
 101 12.5 11.4 17.0
 100 9.4 8.7 13.1

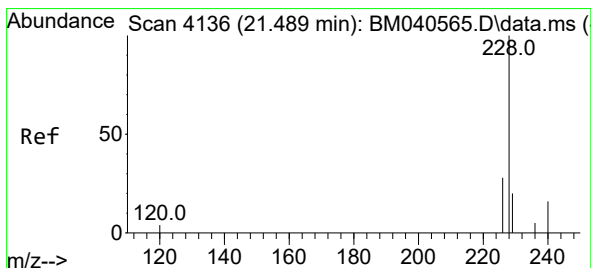
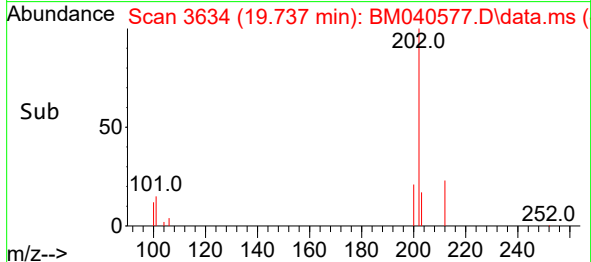
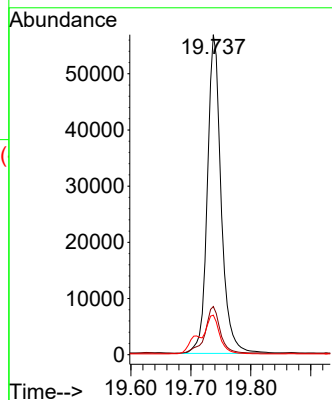
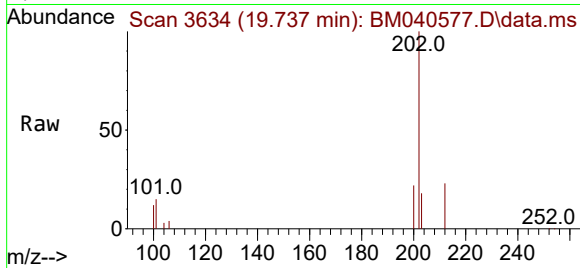




#20
Pyrene
Concen: 2.169 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.005 min
Lab File: BM040577.D
Acq: 03 Jul 2023 16:12

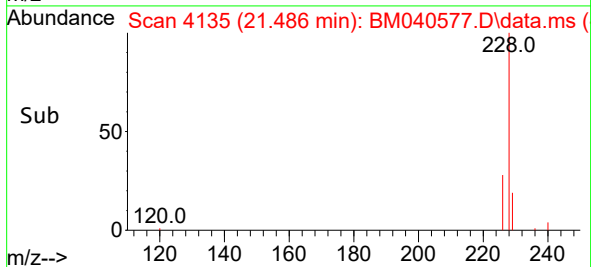
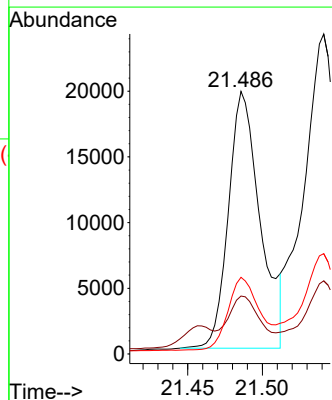
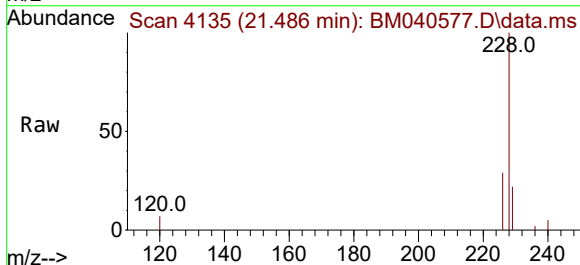
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DCGA2DL

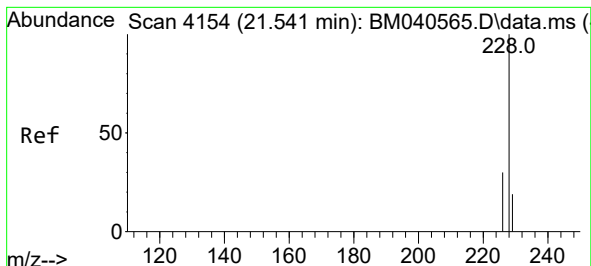
Tgt Ion:202 Resp: 90802
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.3 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.932 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.003 min
Lab File: BM040577.D
Acq: 03 Jul 2023 16:12

Tgt Ion:228 Resp: 28969
Ion Ratio Lower Upper
228 100
229 22.1 16.0 24.0
226 29.2 22.3 33.5





#22

Chrysene

Concen: 1.137 ng/ul

RT: 21.541 min Scan# 4154

Delta R.T. 0.000 min

Lab File: BM040577.D

Acq: 03 Jul 2023 16:12

Instrument :

BNA_M

ClientSampleId :

DCGA2DL

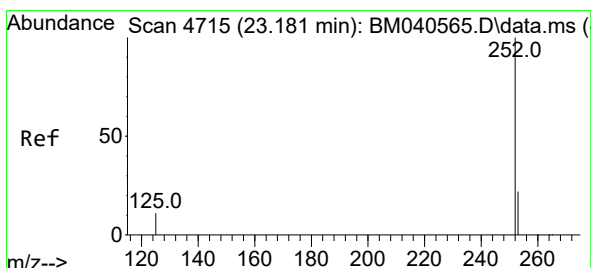
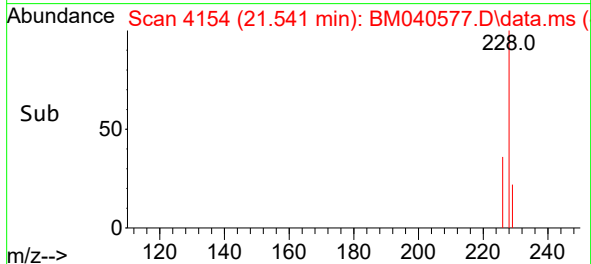
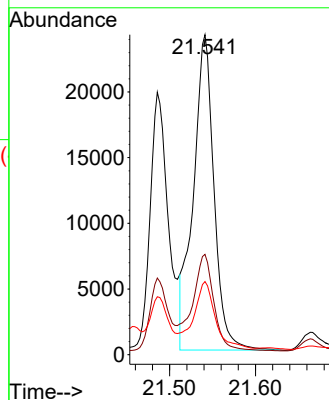
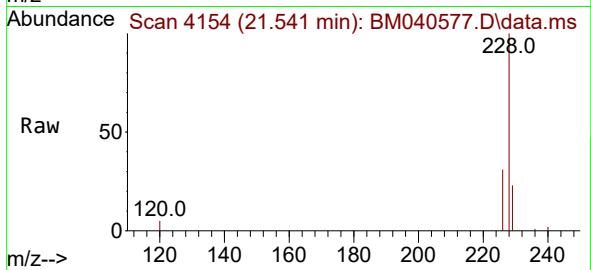
Tgt Ion:228 Resp: 40323

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

229 22.9 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 1.253 ng/ul

RT: 23.181 min Scan# 4715

Delta R.T. 0.000 min

Lab File: BM040577.D

Acq: 03 Jul 2023 16:12

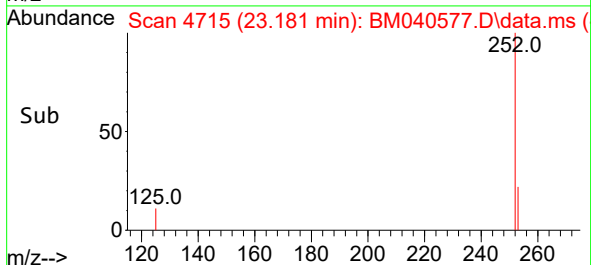
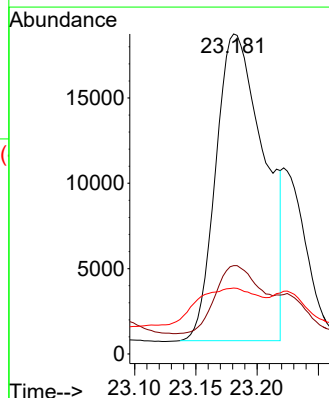
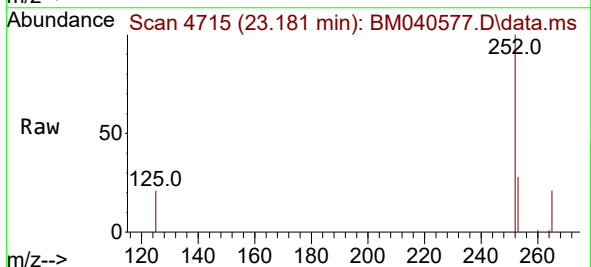
Tgt Ion:252 Resp: 49168

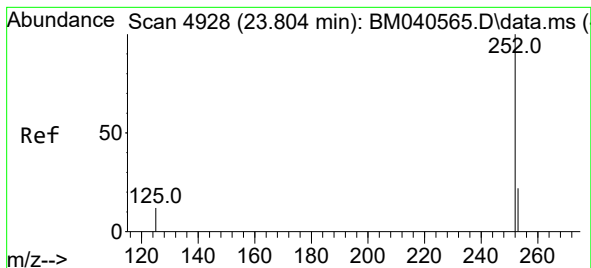
Ion Ratio Lower Upper

252 100

253 27.6 0.0 52.8

125 20.6 0.0 43.0





#26

Benzo(a)pyrene

Concen: 0.640 ng/ul

RT: 23.809 min Scan# 4928

Delta R.T. 0.006 min

Lab File: BM040577.D

Acq: 03 Jul 2023 16:12

Instrument :

BNA_M

ClientSampleId :

DCGA2DL

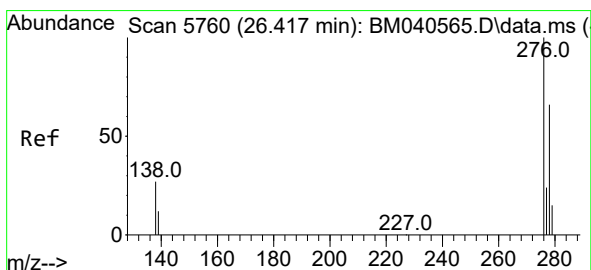
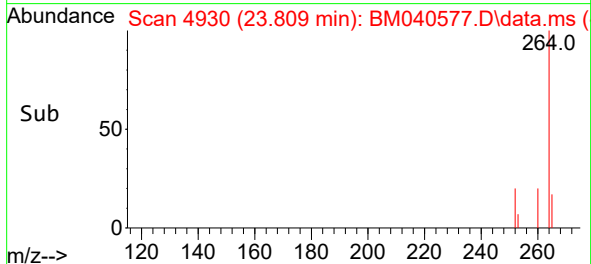
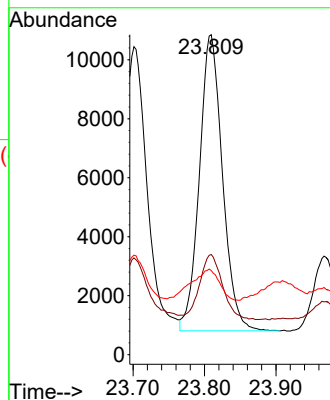
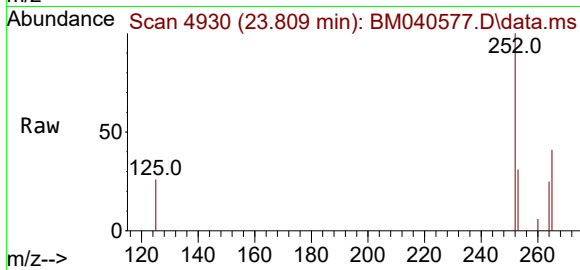
Tgt Ion:252 Resp: 22618

Ion Ratio Lower Upper

252 100

253 31.3 22.9 34.3

125 26.3 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.391 ng/ul

RT: 26.414 min Scan# 5759

Delta R.T. -0.003 min

Lab File: BM040577.D

Acq: 03 Jul 2023 16:12

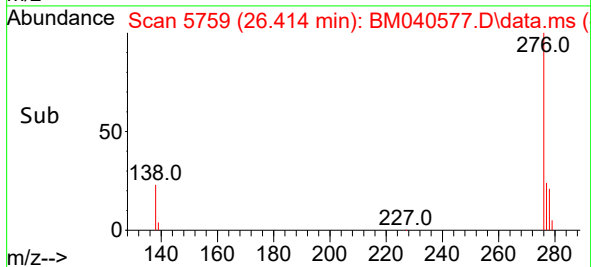
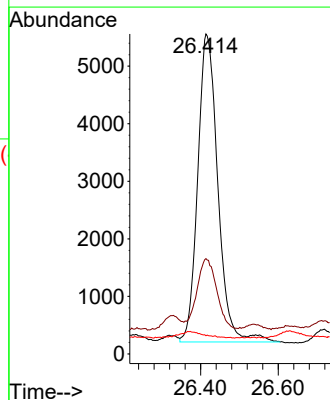
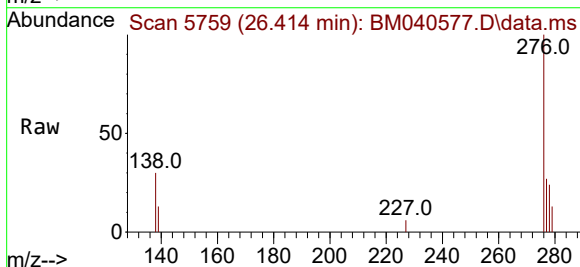
Tgt Ion:276 Resp: 19249

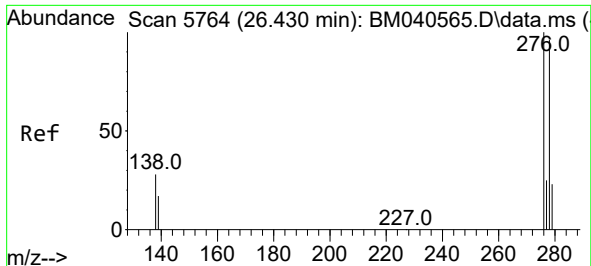
Ion Ratio Lower Upper

276 100

138 22.8 24.5 36.7#

227 0.0 0.1 0.1#

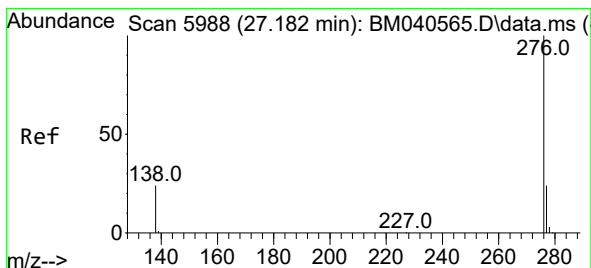
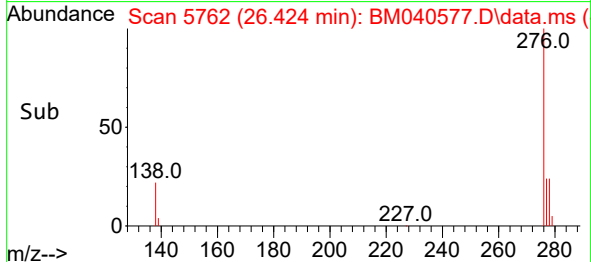
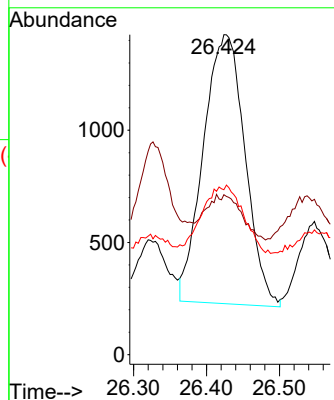
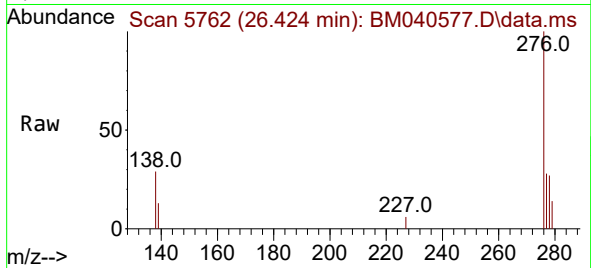




#28
Dibenzo(a,h)anthracene
Concen: 0.123 ng/ul
RT: 26.424 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040577.D
Acq: 03 Jul 2023 16:12

Instrument :
BNA_M
ClientSampleId :
DCGA2DL

Tgt Ion:278 Resp: 4753
Ion Ratio Lower Upper
278 100
139 50.0 17.9 26.9#
279 51.5 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.010 min
Lab File: BM040577.D
Acq: 03 Jul 2023 16:12

Tgt Ion:276 Resp: 17027
Ion Ratio Lower Upper
276 100
138 41.0 23.0 34.6#
277 27.8 20.3 30.5

