

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040586.D
 Acq On : 03 Jul 2023 21:54
 Operator : MA/JU
 Sample : 03242-05DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGA2DL

Quant Time: Jul 04 01:30:30 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)

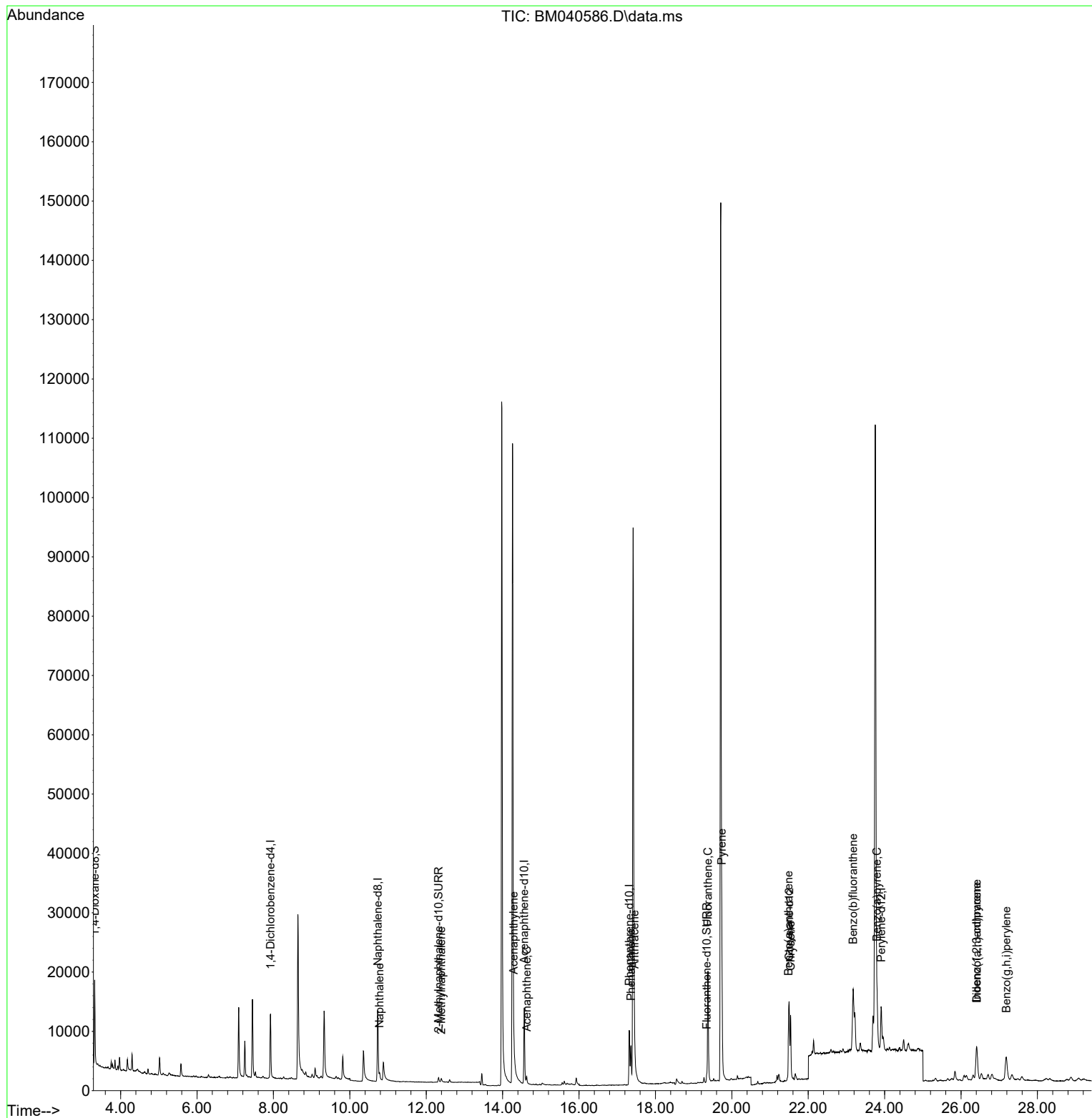
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	5868	0.400	ng/ul	0.00
4) Naphthalene-d8	10.728	136	19470	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.568	164	7932	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	13491	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	10314	0.400	ng/ul	0.00
23) Perylene-d12	23.909	264	11384	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	7906	0.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	1462	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	1769	0.054	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	1338	0.025	ng/ul#	73
7) 2-Methylnaphthalene	12.395	142	653	0.021	ng/ul	89
10) Acenaphthylene	14.290	152	1380	0.039	ng/ul#	71
11) Acenaphthene	14.628	153	689	0.023	ng/ul#	94
15) Phenanthrene	17.357	178	7938	0.189	ng/ul	96
16) Anthracene	17.450	178	1973	0.056	ng/ul#	74
19) Fluoranthene	19.375	202	19276	0.440	ng/ul	98
20) Pyrene	19.737	202	16163	0.344	ng/ul	96
21) Benzo(a)anthracene	21.482	228	10121	0.290	ng/ul	93
22) Chrysene	21.538	228	11066	0.278	ng/ul#	94
24) Benzo(b)fluoranthene	23.178	252	19842	0.450	ng/ul	88
26) Benzo(a)pyrene	23.800	252	11296	0.285	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.407	276	10756	0.195	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.413	278	2624	0.061	ng/ul#	31
29) Benzo(g,h,i)perylene	27.185	276	10632	0.219	ng/ul	93

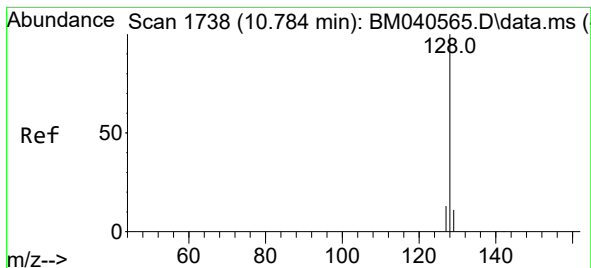
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.025 ng/ul

RT: 10.778 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040586.D

Acq: 03 Jul 2023 21:54

Instrument :

BNA_M

ClientSampleId :

DCGA2DL

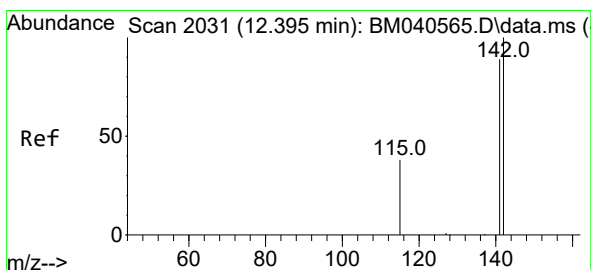
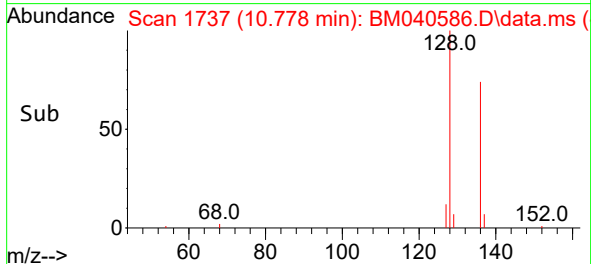
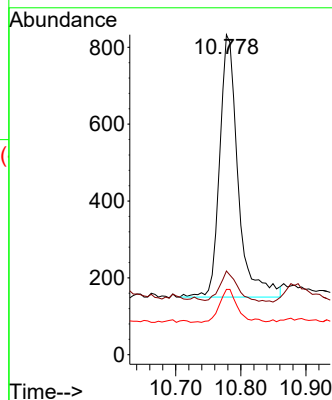
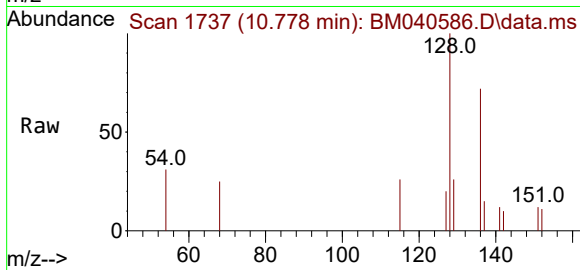
Tgt Ion:128 Resp: 1338

Ion Ratio Lower Upper

128 100

129 26.2 9.2 13.8#

127 20.4 10.6 15.8#



#7

2-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.395 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BM040586.D

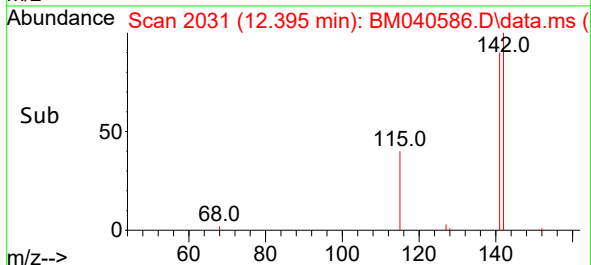
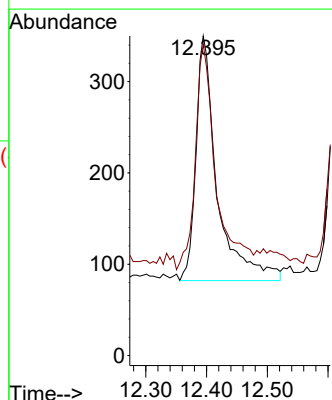
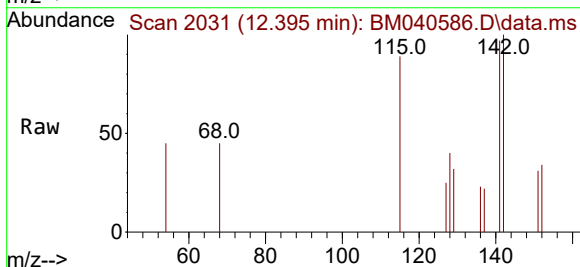
Acq: 03 Jul 2023 21:54

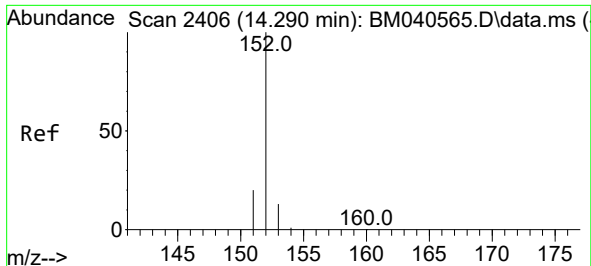
Tgt Ion:142 Resp: 653

Ion Ratio Lower Upper

142 100

141 100.5 71.9 107.9

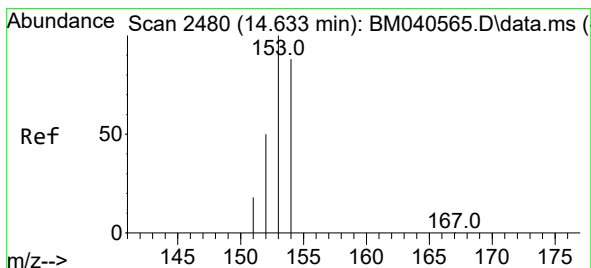
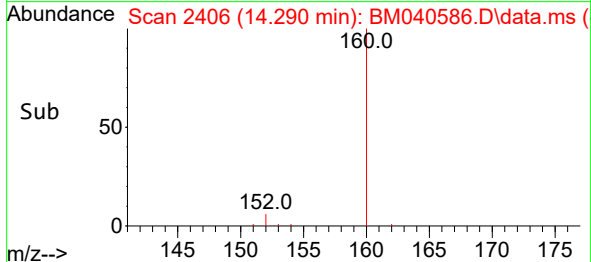
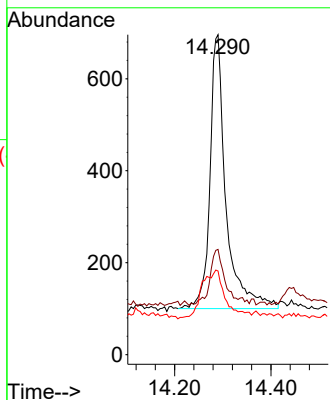
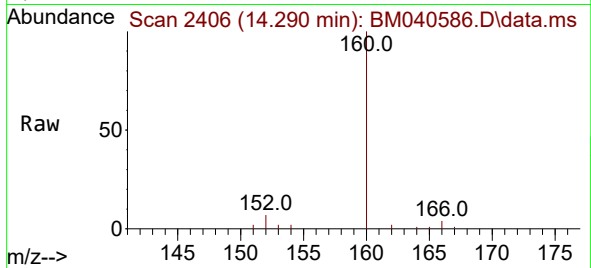




#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

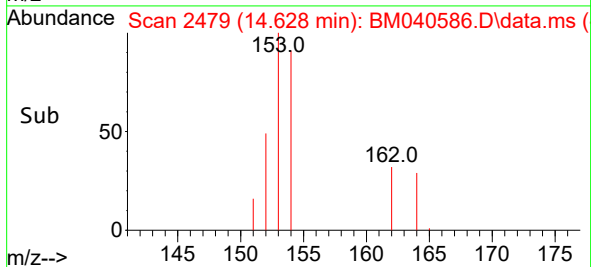
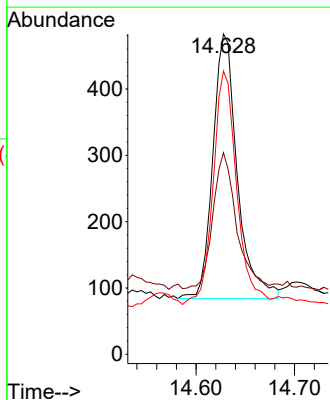
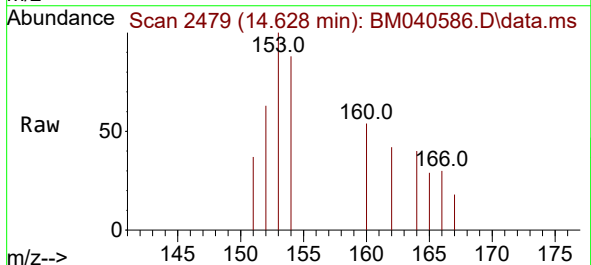
Instrument :
BNA_M
ClientSampleId :
DCGA2DL

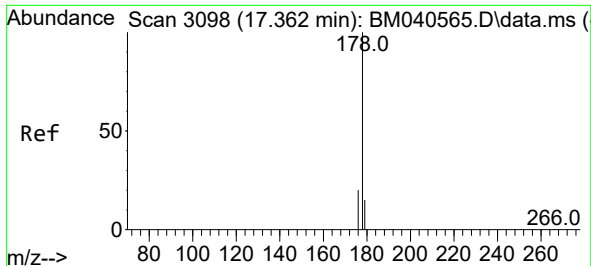
Tgt Ion:152 Resp: 1380
Ion Ratio Lower Upper
152 100
151 32.9 16.2 24.2#
153 26.1 10.9 16.3#



#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.628 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

Tgt Ion:153 Resp: 689
Ion Ratio Lower Upper
153 100
152 62.9 41.0 61.4#
154 88.4 70.8 106.2

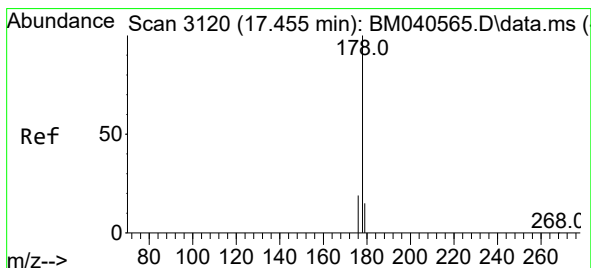
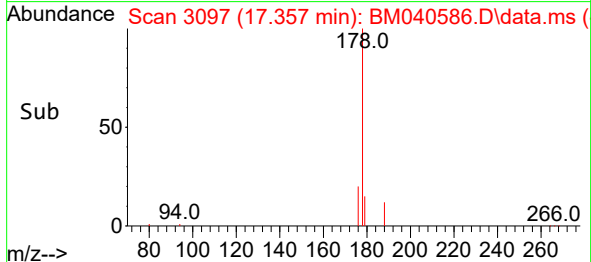
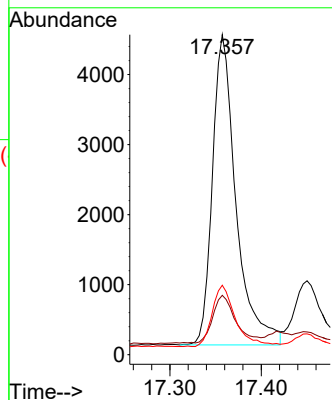
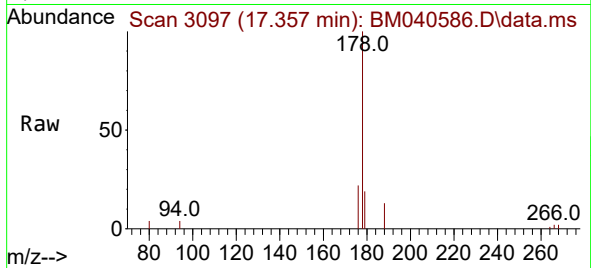




#15
Phenanthrene
Concen: 0.189 ng/ul
RT: 17.357 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

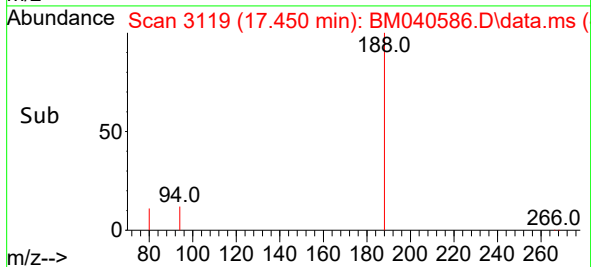
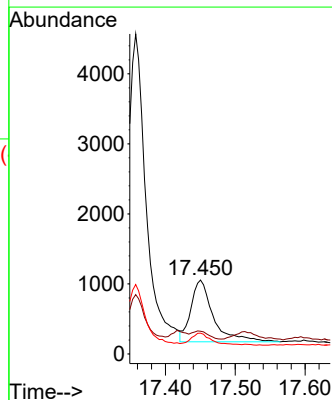
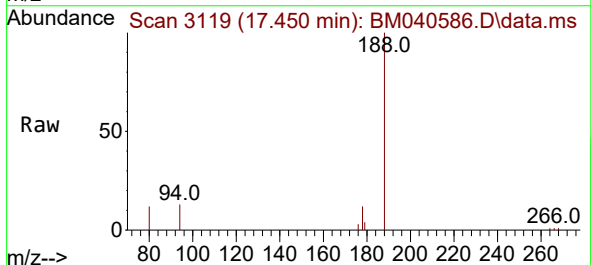
Instrument :
BNA_M
ClientSampleId :
DCGA2DL

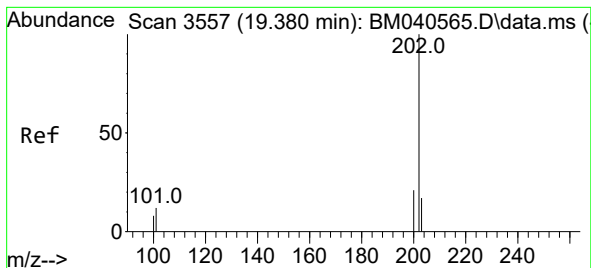
Tgt Ion:178 Resp: 7938
Ion Ratio Lower Upper
178 100
179 18.5 12.8 19.2
176 21.7 16.4 24.6



#16
Anthracene
Concen: 0.056 ng/ul
RT: 17.450 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

Tgt Ion:178 Resp: 1973
Ion Ratio Lower Upper
178 100
179 30.8 12.9 19.3#
176 28.1 15.8 23.6#





#19

Fluoranthene

Concen: 0.440 ng/ul

RT: 19.375 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM040586.D

Acq: 03 Jul 2023 21:54

Instrument :

BNA_M

ClientSampleId :

DCGA2DL

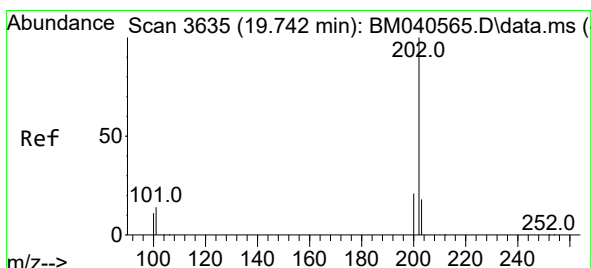
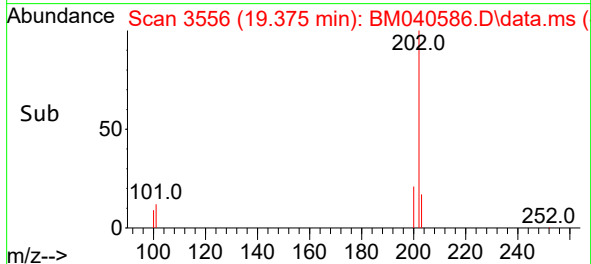
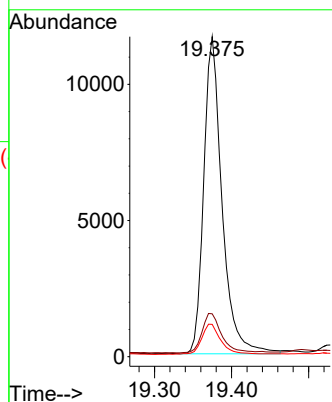
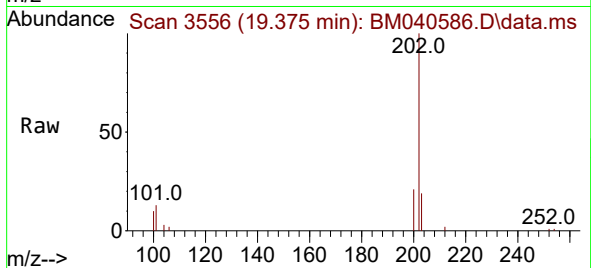
Tgt Ion:202 Resp: 19276

Ion Ratio Lower Upper

202 100

101 13.4 11.4 17.0

100 10.1 8.7 13.1



#20

Pyrene

Concen: 0.344 ng/ul

RT: 19.737 min Scan# 3634

Delta R.T. -0.005 min

Lab File: BM040586.D

Acq: 03 Jul 2023 21:54

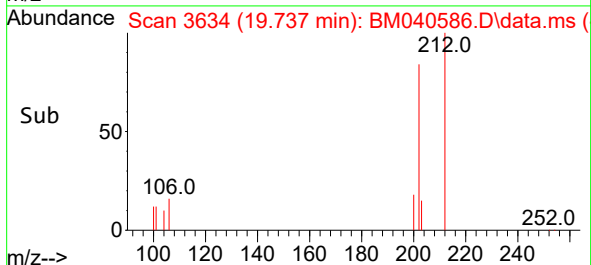
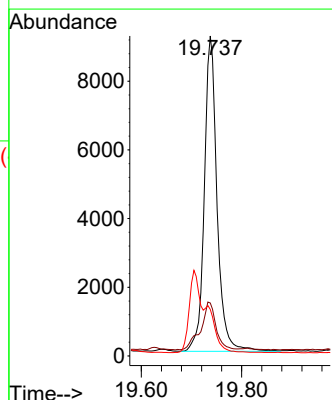
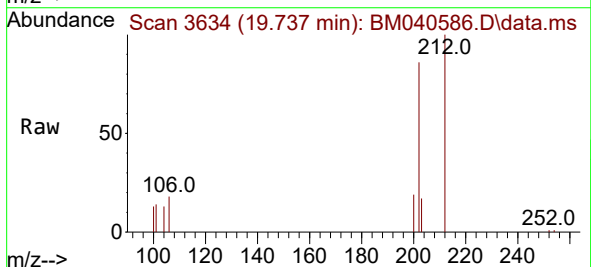
Tgt Ion:202 Resp: 16163

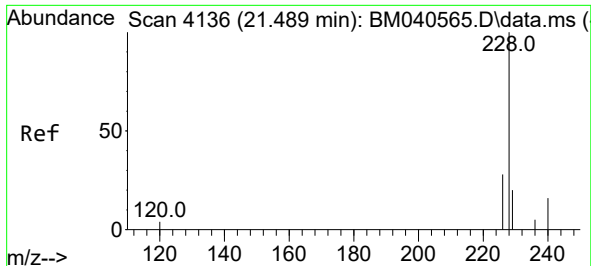
Ion Ratio Lower Upper

202 100

101 16.5 12.6 18.8

100 14.6 9.8 14.6

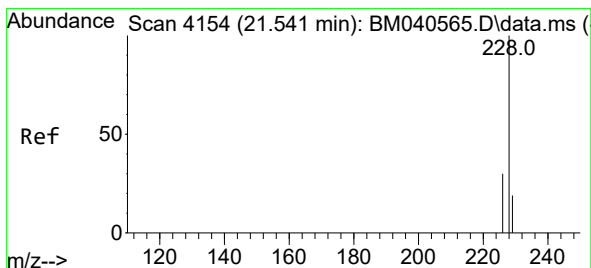
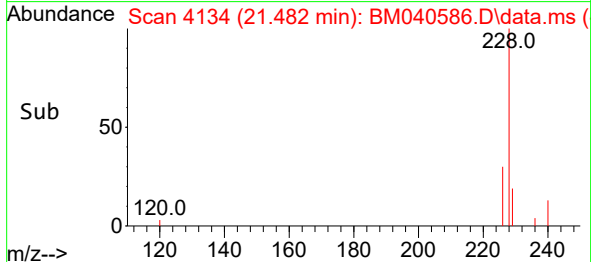
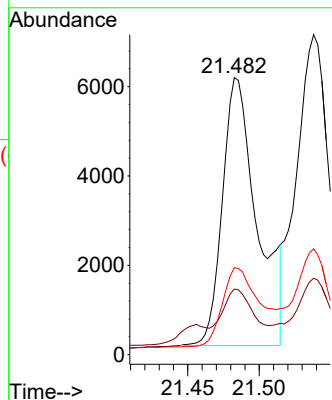
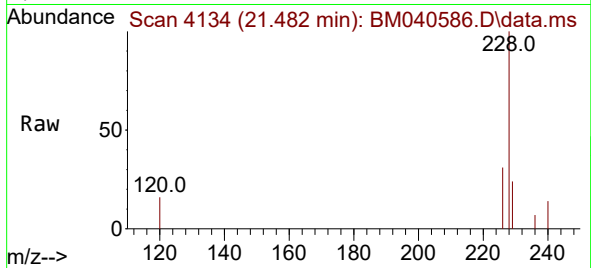




#21
Benzo(a)anthracene
Concen: 0.290 ng/ul
RT: 21.482 min Scan# 4136
Delta R.T. -0.006 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

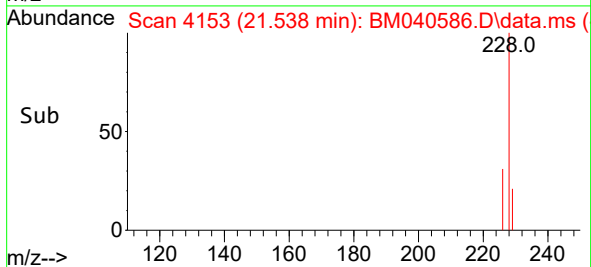
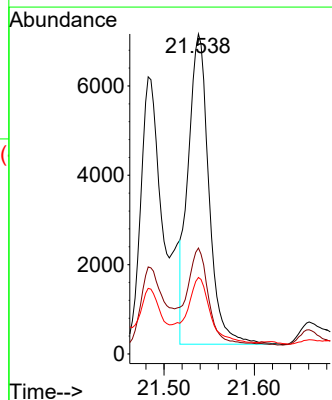
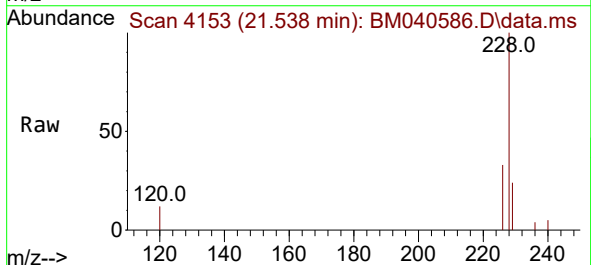
Instrument :
BNA_M
ClientSampleId :
DCGA2DL

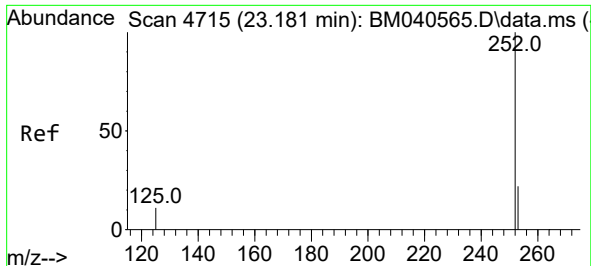
Tgt Ion:228	Resp:	10121
Ion Ratio	Lower	Upper
228	100	
229	23.7	16.0 24.0
226	31.4	22.3 33.5



#22
Chrysene
Concen: 0.278 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

Tgt Ion:228	Resp:	11066
Ion Ratio	Lower	Upper
228	100	
226	33.1	24.9 37.3
229	23.9	15.8 23.6#

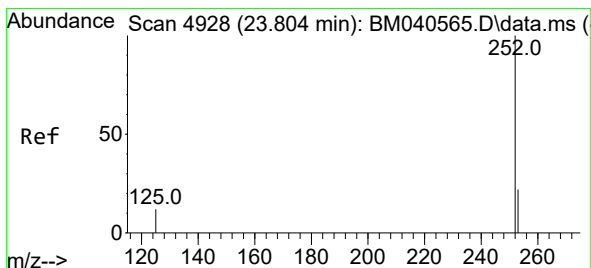
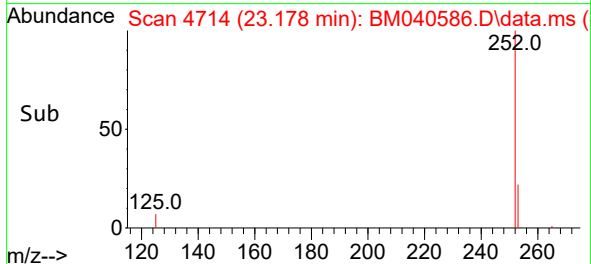
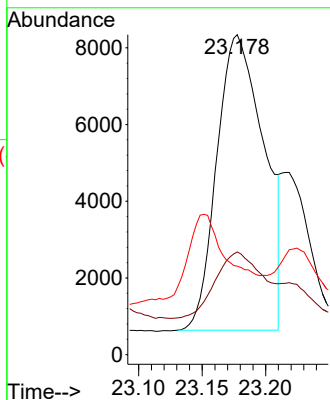
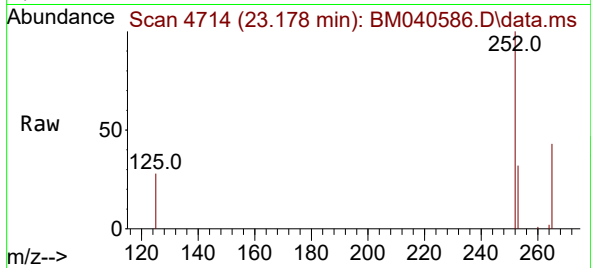




#24
Benzo(b)fluoranthene
Concen: 0.450 ng/ul
RT: 23.178 min Scan# 4714
Delta R.T. -0.003 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

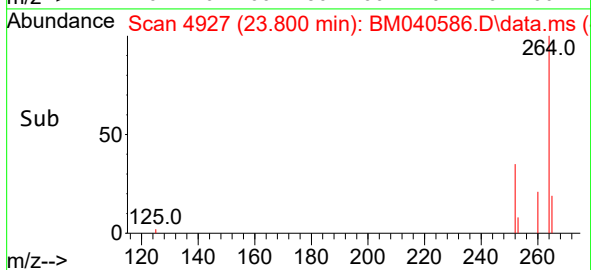
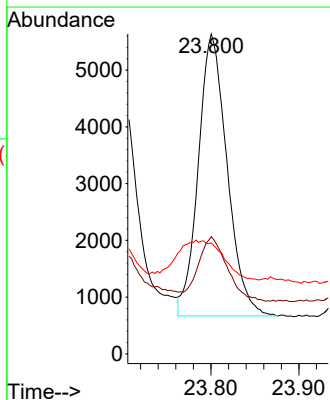
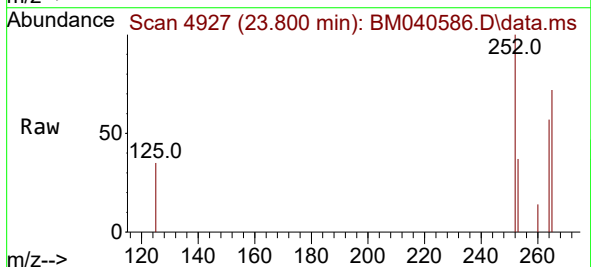
Instrument :
BNA_M
ClientSampleId :
DCGA2DL

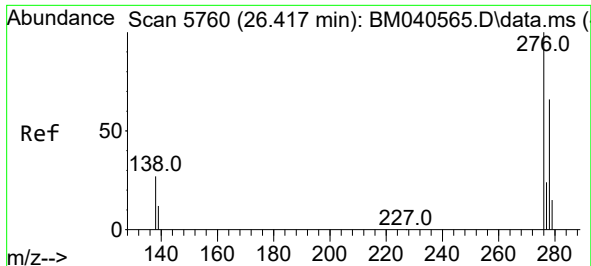
Tgt Ion:252 Resp: 19842
Ion Ratio Lower Upper
252 100
253 32.1 0.0 52.8
125 27.6 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.285 ng/ul
RT: 23.800 min Scan# 4927
Delta R.T. -0.003 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

Tgt Ion:252 Resp: 11296
Ion Ratio Lower Upper
252 100
253 36.7 22.9 34.3#
125 34.7 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.195 ng/ul

RT: 26.407 min Scan# 5757

Delta R.T. -0.010 min

Lab File: BM040586.D

Acq: 03 Jul 2023 21:54

Instrument :

BNA_M

ClientSampleId :

DCGA2DL

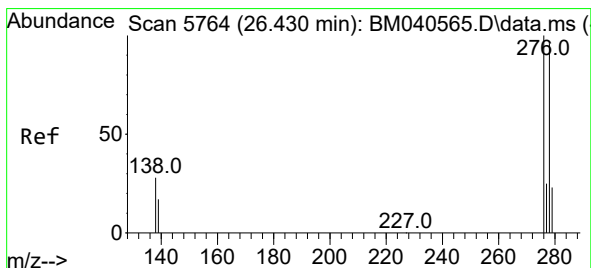
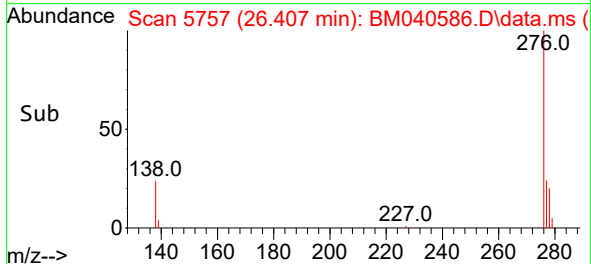
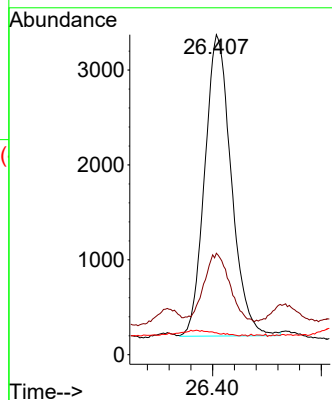
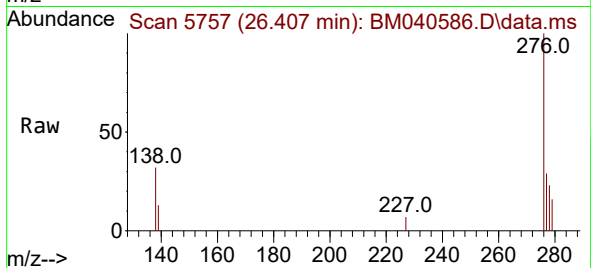
Tgt Ion:276 Resp: 10756

Ion Ratio Lower Upper

276 100

138 23.1 24.5 36.7#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.061 ng/ul

RT: 26.413 min Scan# 5759

Delta R.T. -0.017 min

Lab File: BM040586.D

Acq: 03 Jul 2023 21:54

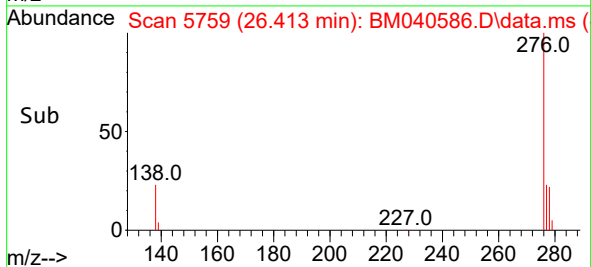
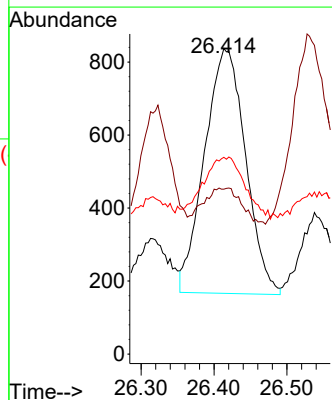
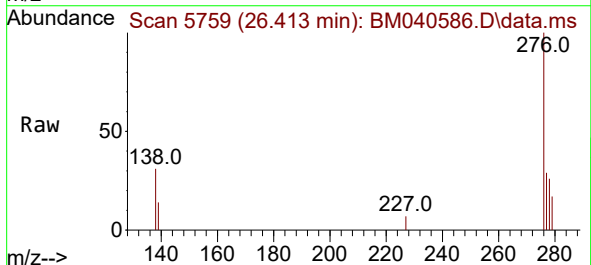
Tgt Ion:278 Resp: 2624

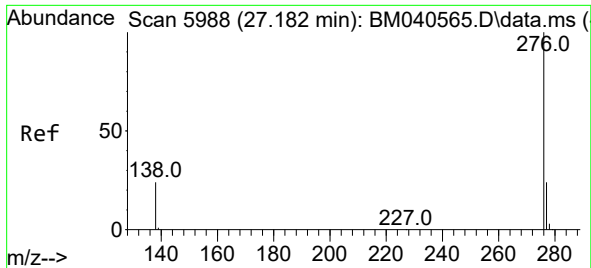
Ion Ratio Lower Upper

278 100

139 54.0 17.9 26.9#

279 64.4 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.219 ng/ul
RT: 27.185 min Scan# 5989
Delta R.T. 0.003 min
Lab File: BM040586.D
Acq: 03 Jul 2023 21:54

Instrument :
BNA_M
ClientSampleId :
DCGA2DL

Tgt Ion:276 Resp: 10632
Ion Ratio Lower Upper
276 100
138 33.2 23.0 34.6
277 27.7 20.3 30.5

