

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040558.D
 Acq On : 03 Jul 2023 02:52
 Operator : MA/JU
 Sample : 03245-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGA7

Quant Time: Jul 03 06:50:22 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

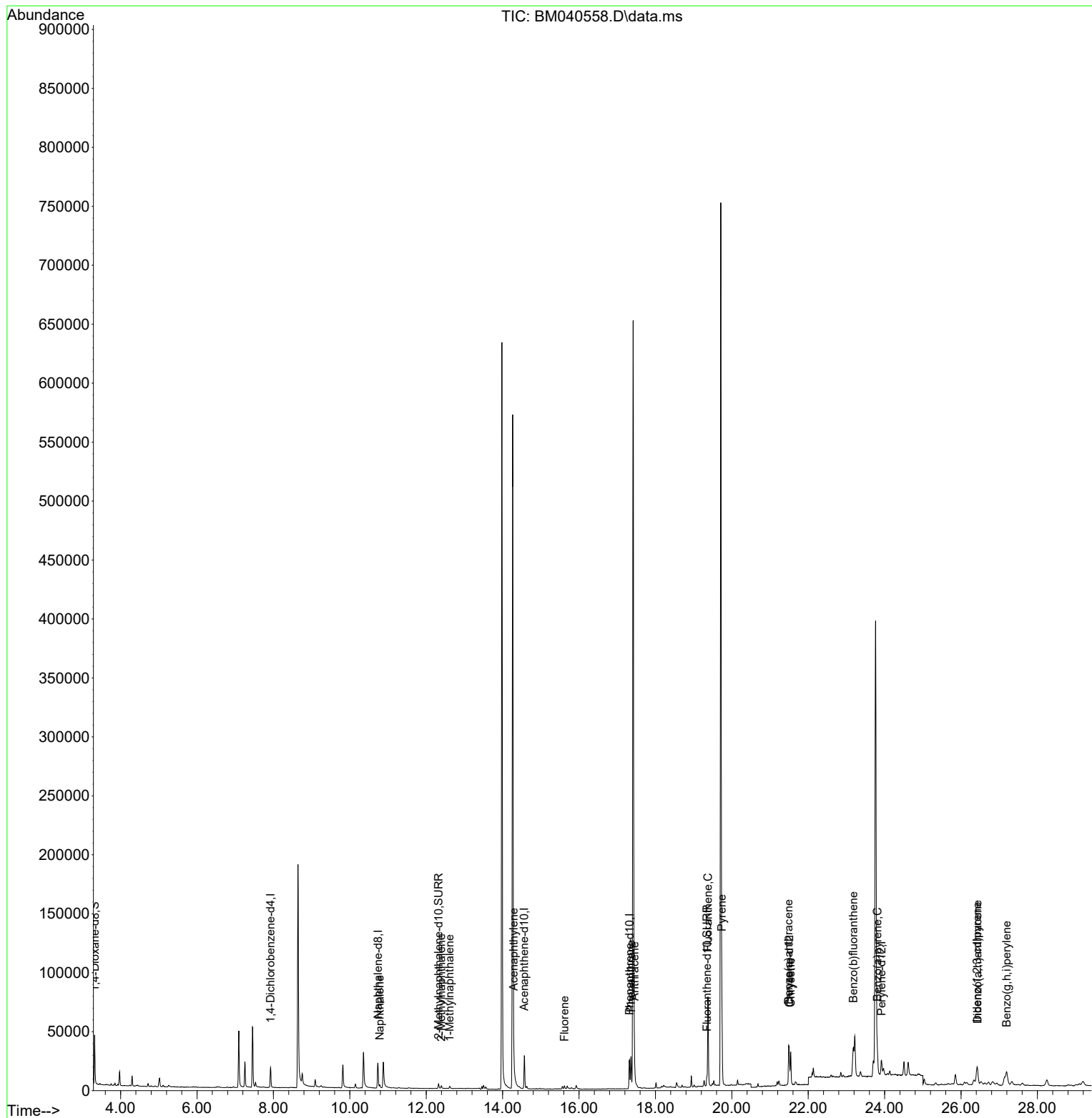
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	8822	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.734	136	32213	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.568	164	16150	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	32553	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	18153	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	19210	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	24019	1.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	6000	0.133	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	9568	0.164	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.784	128	3046	0.034	ng/ul#	85
7) 2-Methylnaphthalene	12.395	142	1863	0.036	ng/ul	98
8) 1-Methylnaphthalene	12.615	142	1348	0.026	ng/ul	100
10) Acenaphthylene	14.290	152	7273	0.101	ng/ul#	93
12) Fluorene	15.618	166	1900	0.029	ng/ul#	94
15) Phenanthrene	17.358	178	32521	0.322	ng/ul	99
16) Anthracene	17.451	178	6633	0.078	ng/ul#	89
19) Fluoranthene	19.375	202	68952	0.894	ng/ul	98
20) Pyrene	19.737	202	49812	0.603	ng/ul	98
21) Benzo(a)anthracene	21.486	228	26673	0.434	ng/ul	93
22) Chrysene	21.541	228	30119	0.430	ng/ul#	94
24) Benzo(b)fluoranthene	23.181	252	47387	0.637	ng/ul	90
26) Benzo(a)pyrene	23.809	252	28768	0.430	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.420	276	27818	0.298	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.430	278	7976	0.109	ng/ul#	50
29) Benzo(g,h,i)perylene	27.192	276	27961	0.342	ng/ul#	85

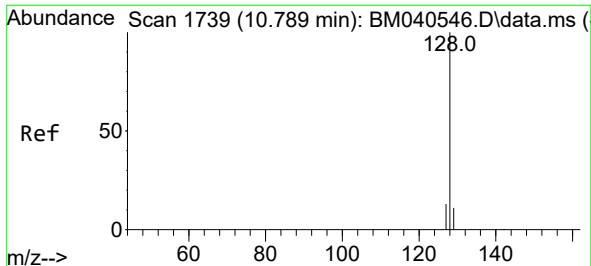
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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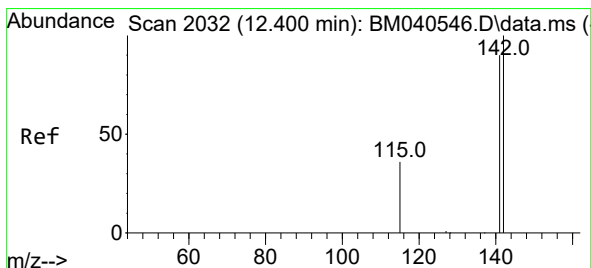
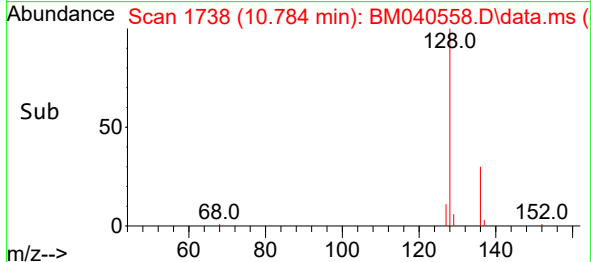
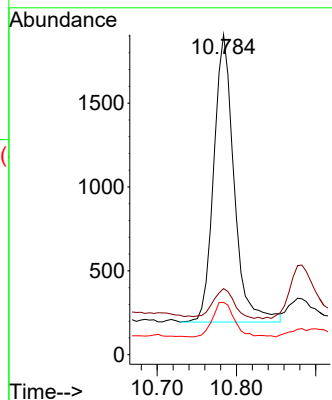
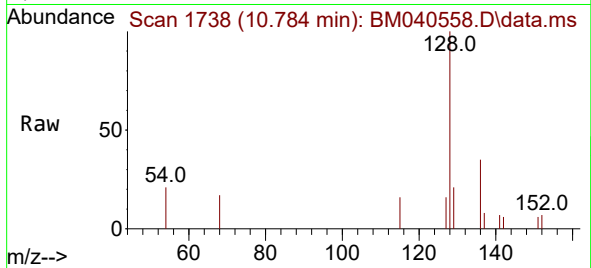




#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.784 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

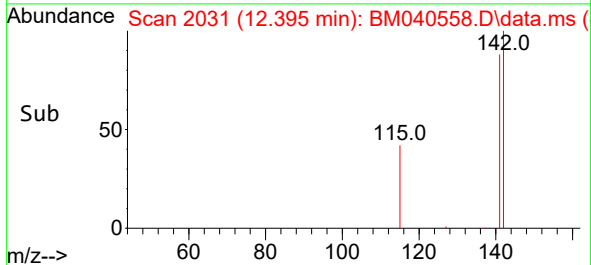
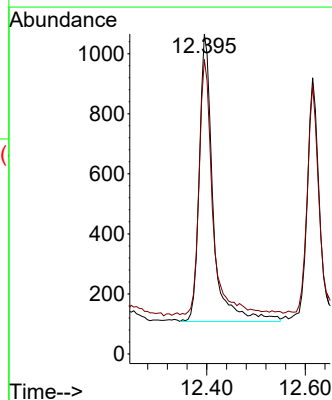
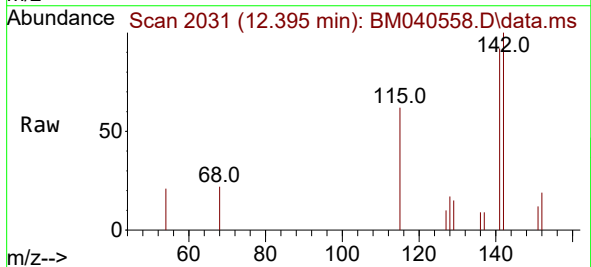
Instrument :
BNA_M
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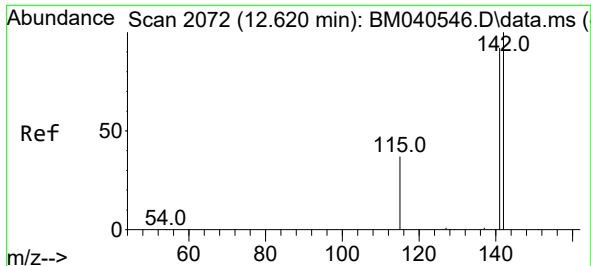
Tgt Ion:128 Resp: 3046
Ion Ratio Lower Upper
128 100
129 20.6 9.2 13.8#
127 16.4 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

Tgt Ion:142 Resp: 1863
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9

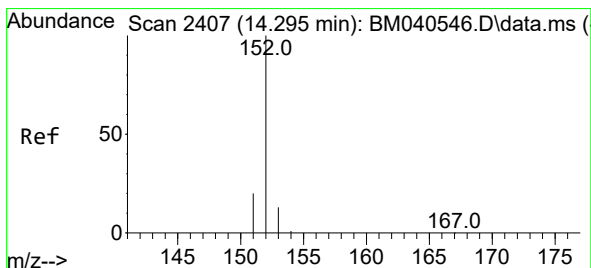
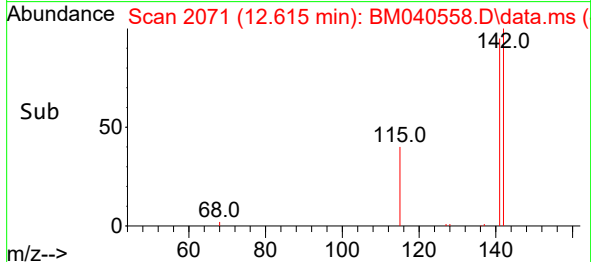
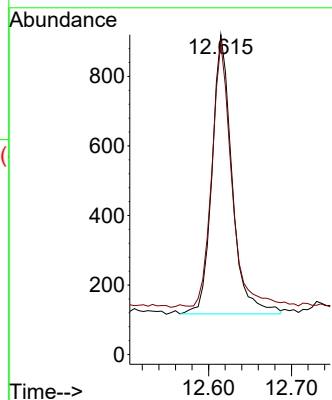
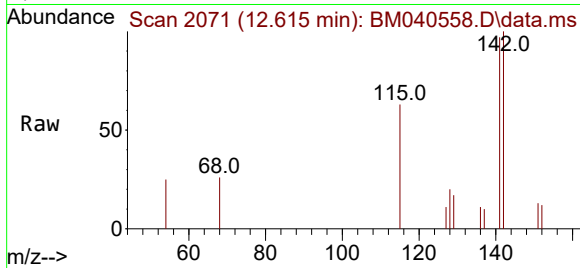




#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.011 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

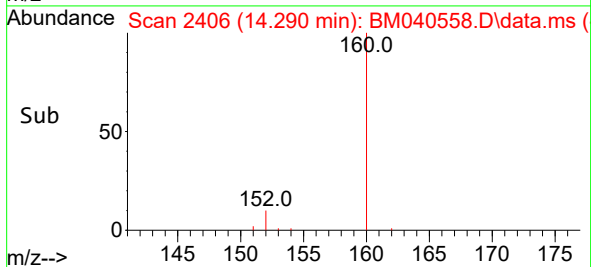
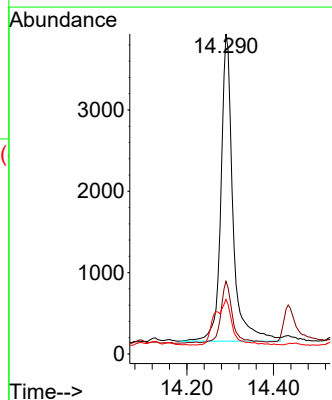
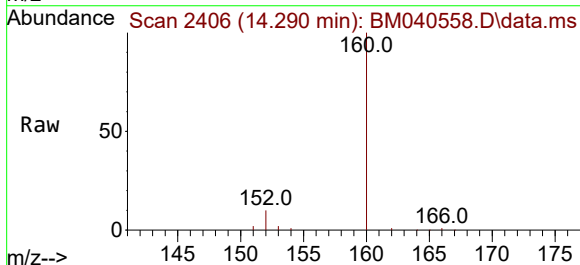
Instrument :
BNA_M
ClientSampleId :
DCGA7

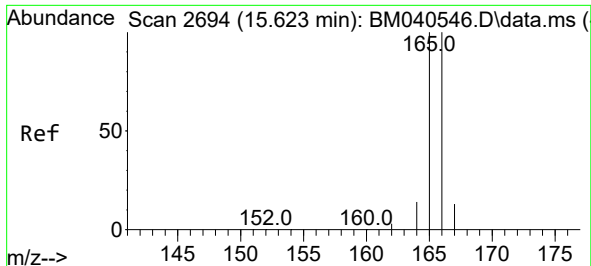
Tgt Ion:142 Resp: 1348
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5



#10
Acenaphthylene
Concen: 0.101 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

Tgt Ion:152 Resp: 7273
Ion Ratio Lower Upper
152 100
151 22.7 16.2 24.2
153 17.1 10.9 16.3#

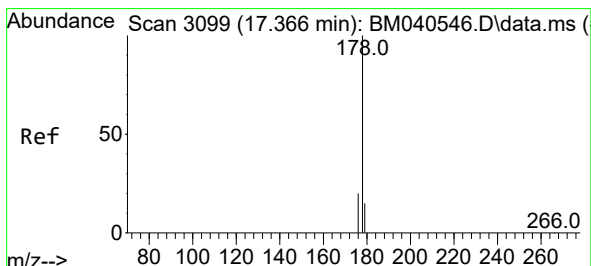
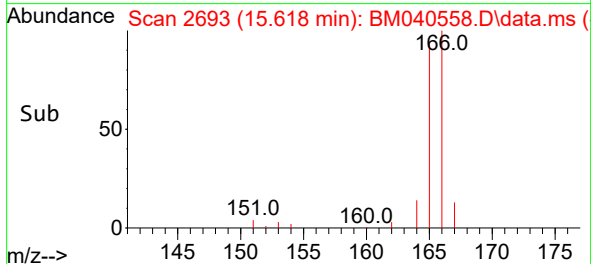
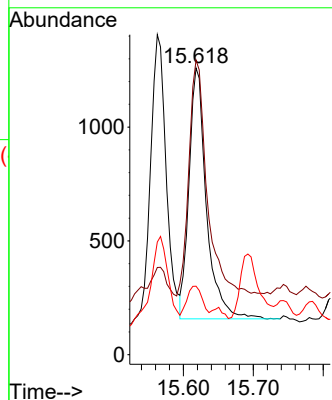
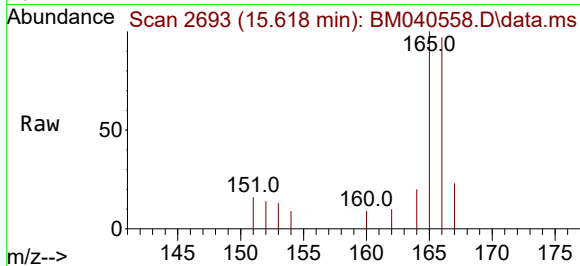




#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.618 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

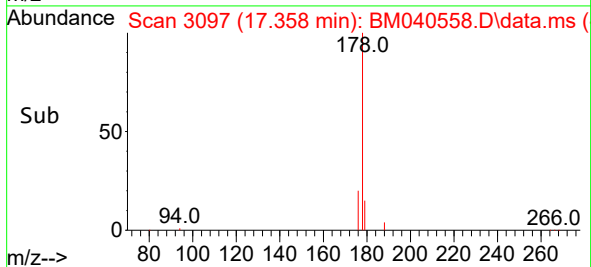
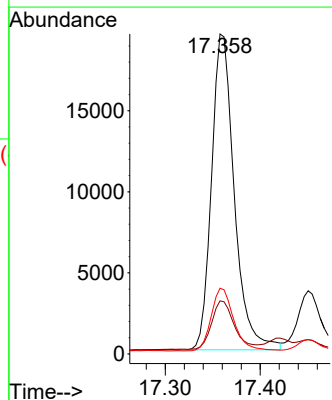
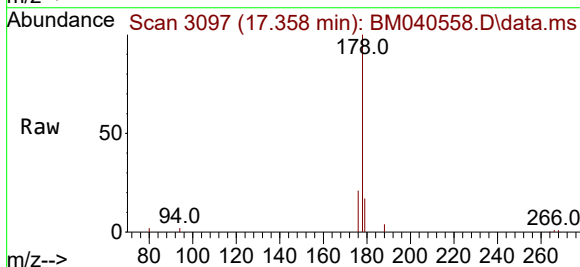
Instrument :
BNA_M
ClientSampleId :
DCGA7

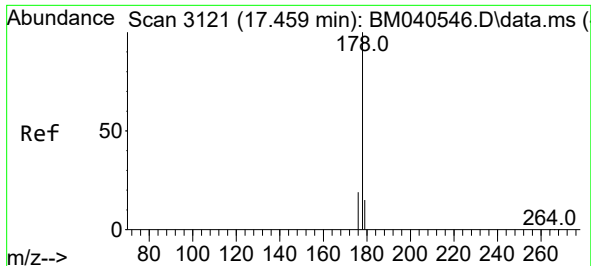
Tgt Ion:166 Resp: 1900
Ion Ratio Lower Upper
166 100
165 102.7 79.6 119.4
167 23.9 11.4 17.0#



#15
Phenanthrene
Concen: 0.322 ng/ul
RT: 17.358 min Scan# 3097
Delta R.T. -0.012 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

Tgt Ion:178 Resp: 32521
Ion Ratio Lower Upper
178 100
179 16.6 12.8 19.2
176 20.6 16.4 24.6

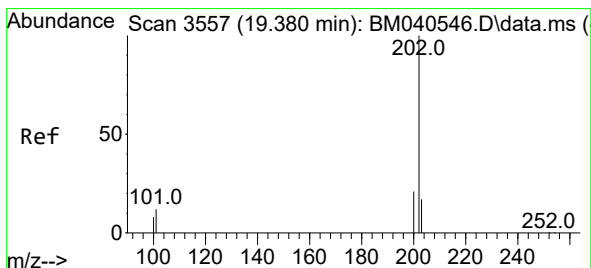
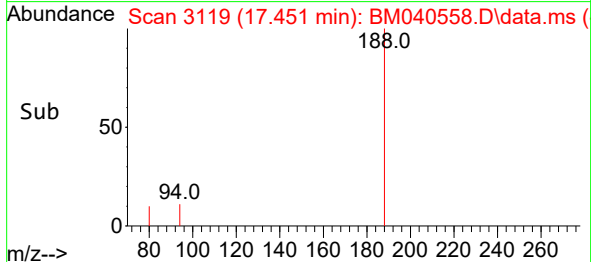
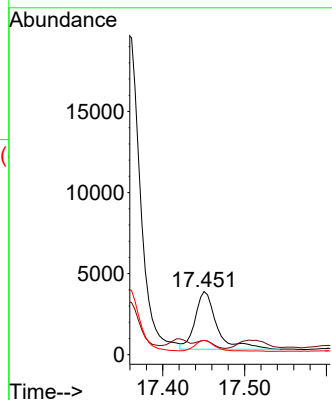
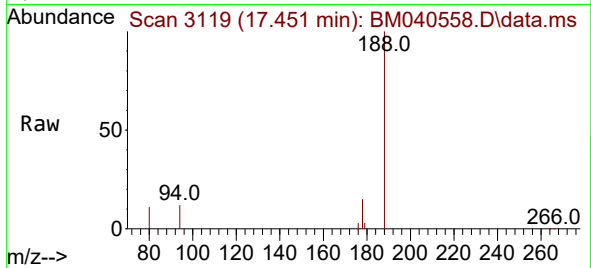




#16
 Anthracene
 Concen: 0.078 ng/ul
 RT: 17.451 min Scan# 3119
 Delta R.T. -0.012 min
 Lab File: BM040558.D
 Acq: 03 Jul 2023 02:52

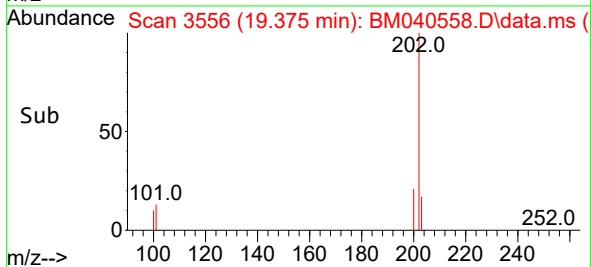
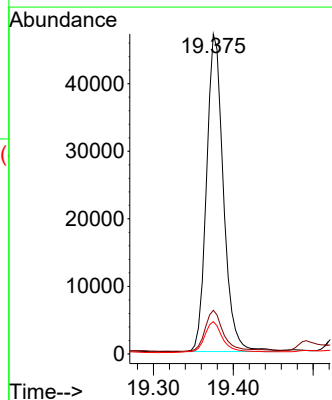
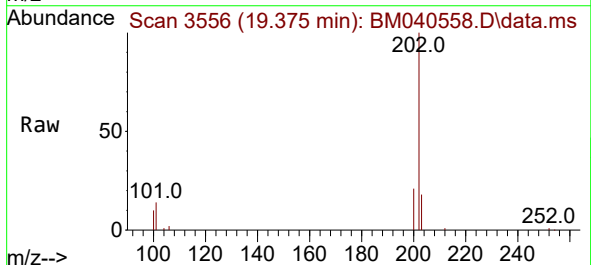
Instrument :
 BNA_M
 ClientSampleId :
 DCGA7

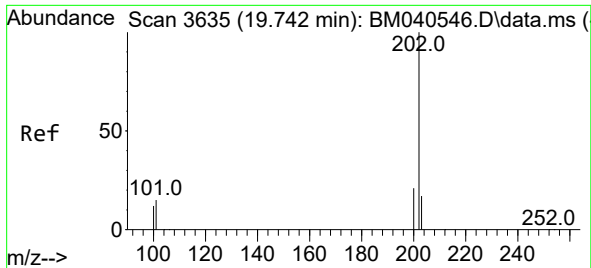
Tgt Ion:178 Resp: 6633
 Ion Ratio Lower Upper
 178 100
 179 22.5 12.9 19.3#
 176 22.8 15.8 23.6



#19
 Fluoranthene
 Concen: 0.894 ng/ul
 RT: 19.375 min Scan# 3556
 Delta R.T. -0.009 min
 Lab File: BM040558.D
 Acq: 03 Jul 2023 02:52

Tgt Ion:202 Resp: 68952
 Ion Ratio Lower Upper
 202 100
 101 13.7 11.4 17.0
 100 10.1 8.7 13.1

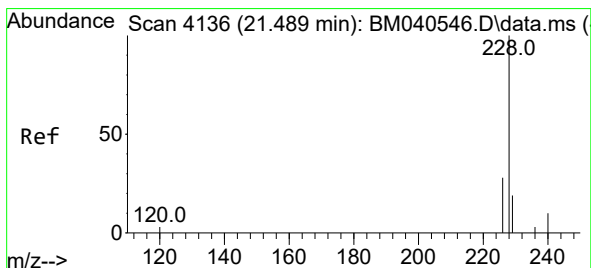
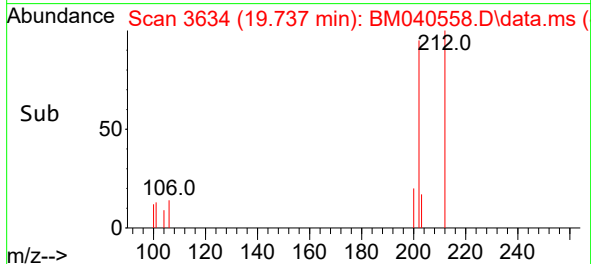
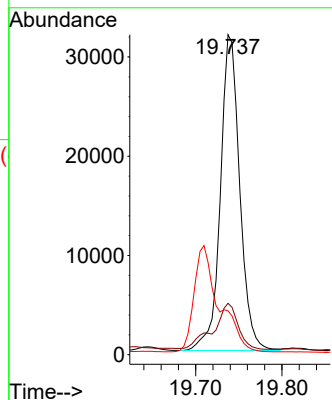
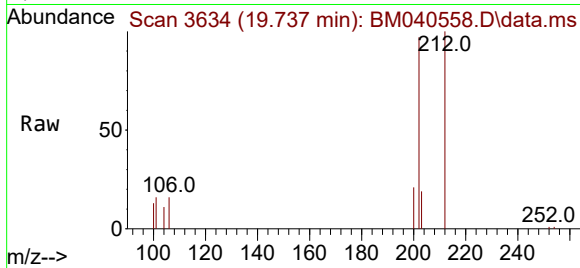




#20
Pyrene
Concen: 0.603 ng/ul
RT: 19.737 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

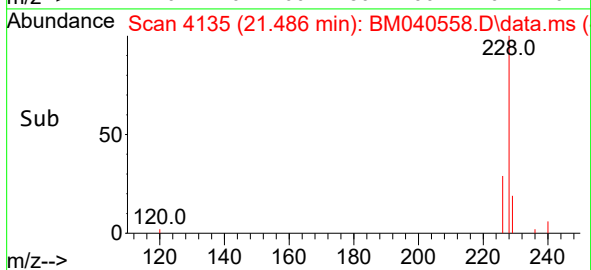
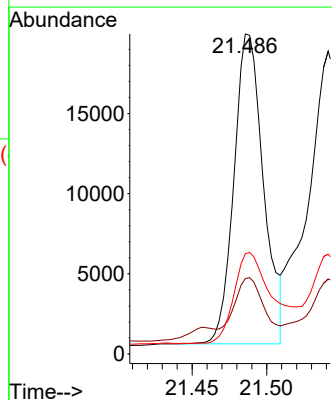
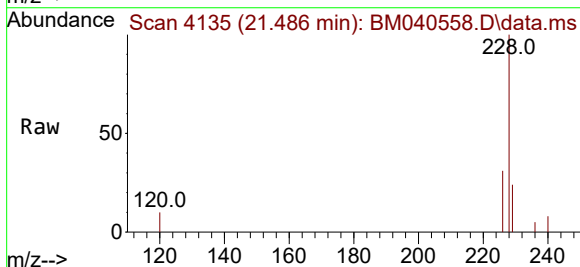
Instrument :
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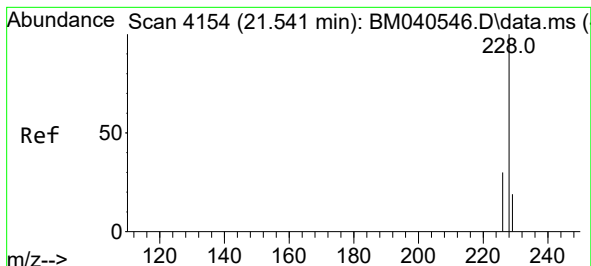
Tgt Ion:202 Resp: 49812
Ion Ratio Lower Upper
202 100
101 16.0 12.6 18.8
100 13.7 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

Tgt Ion:228 Resp: 26673
Ion Ratio Lower Upper
228 100
229 23.6 16.0 24.0
226 31.3 22.3 33.5





#22

Chrysene

Concen: 0.430 ng/ul

RT: 21.541 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM040558.D

Acq: 03 Jul 2023 02:52

Instrument :

BNA_M

ClientSampleId :

DCGA7

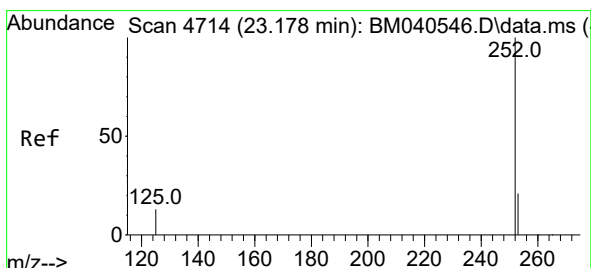
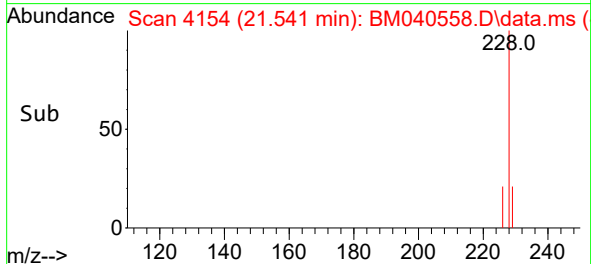
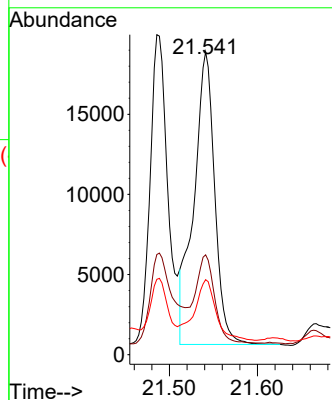
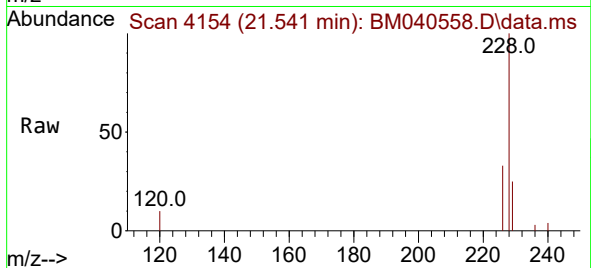
Tgt Ion:228 Resp: 30119

Ion Ratio Lower Upper

228 100

226 33.0 24.9 37.3

229 24.8 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.637 ng/ul

RT: 23.181 min Scan# 4715

Delta R.T. 0.000 min

Lab File: BM040558.D

Acq: 03 Jul 2023 02:52

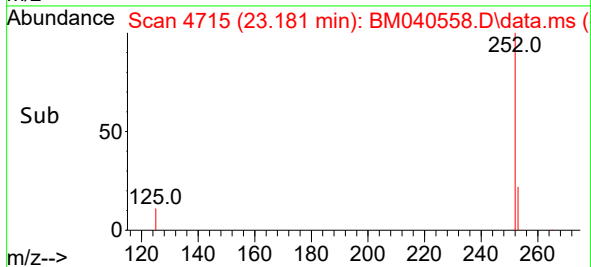
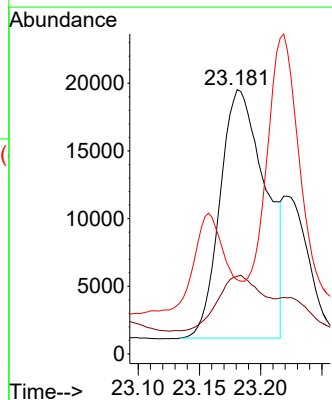
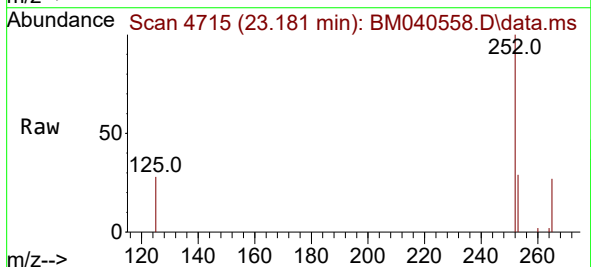
Tgt Ion:252 Resp: 47387

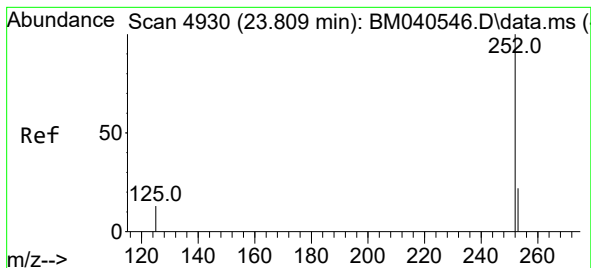
Ion Ratio Lower Upper

252 100

253 29.4 0.0 52.8

125 28.1 0.0 43.0





#26

Benzo(a)pyrene

Concen: 0.430 ng/ul

RT: 23.809 min Scan# 4930

Delta R.T. -0.003 min

Lab File: BM040558.D

Acq: 03 Jul 2023 02:52

Instrument :

BNA_M

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DCGA7

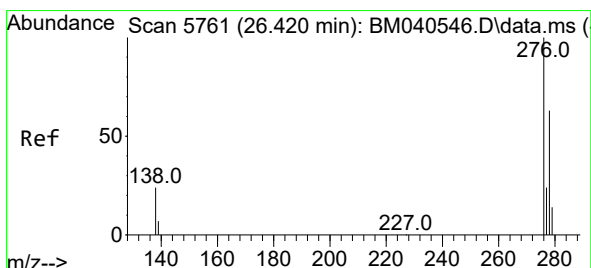
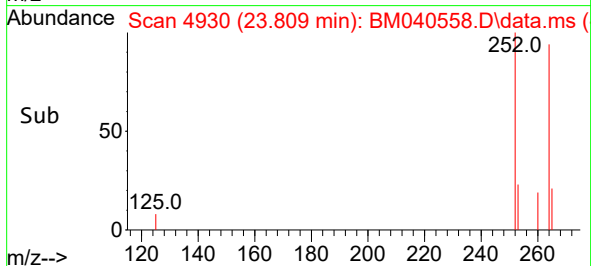
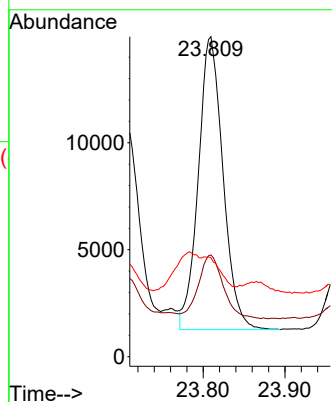
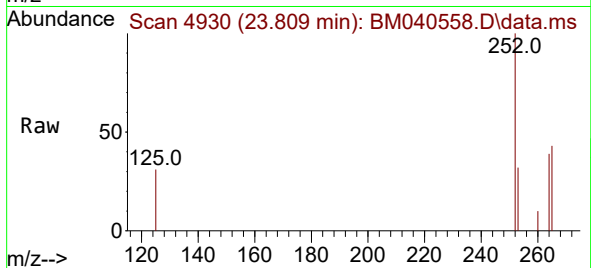
Tgt Ion:252 Resp: 28768

Ion Ratio Lower Upper

252 100

253 31.8 22.9 34.3

125 30.9 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.298 ng/ul

RT: 26.420 min Scan# 5761

Delta R.T. 0.000 min

Lab File: BM040558.D

Acq: 03 Jul 2023 02:52

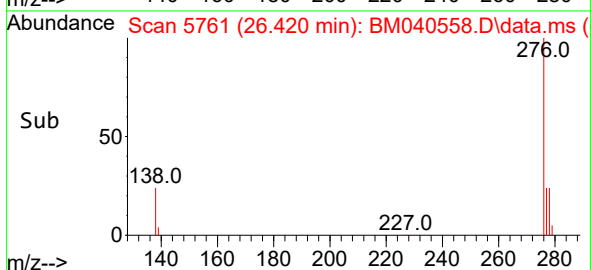
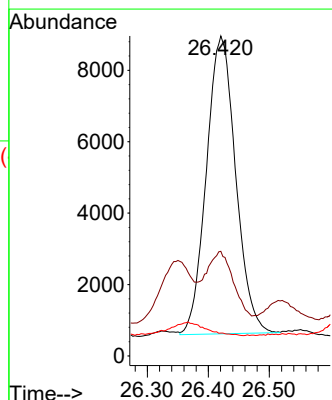
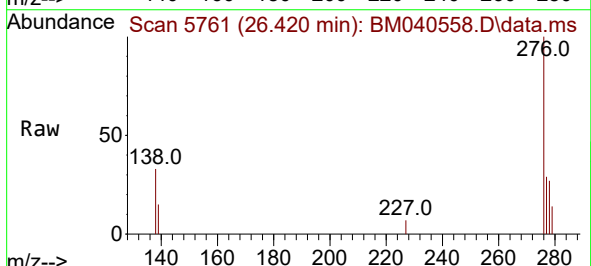
Tgt Ion:276 Resp: 27818

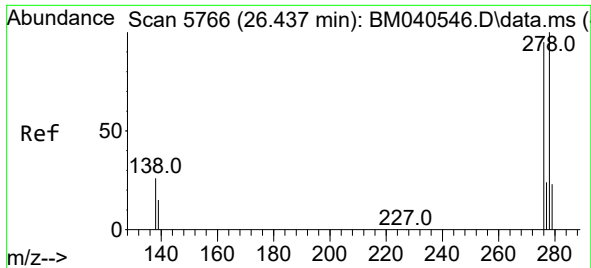
Ion Ratio Lower Upper

276 100

138 19.4 24.5 36.7#

227 0.0 0.1 0.1#

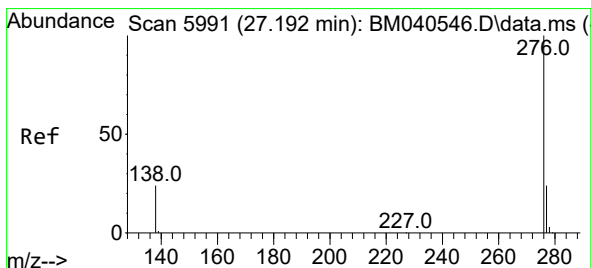
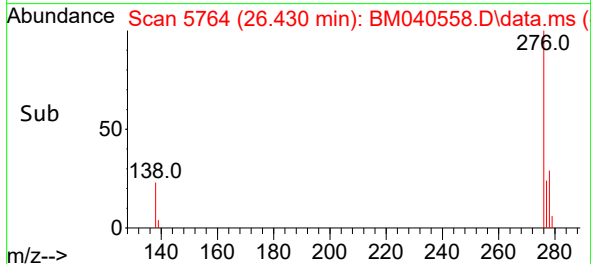
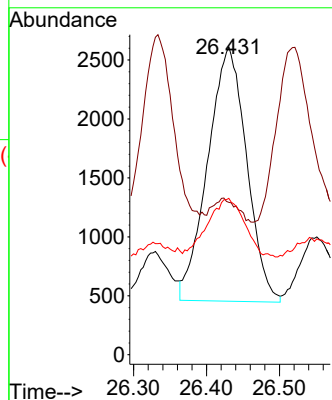
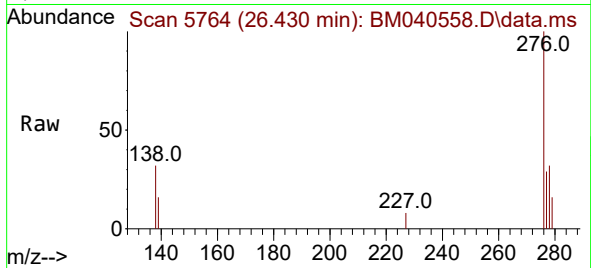




#28
Dibenzo(a,h)anthracene
Concen: 0.109 ng/ul
RT: 26.430 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

Instrument :
BNA_M
ClientSampleId :
DCGA7

Tgt Ion:278 Resp: 7976
Ion Ratio Lower Upper
278 100
139 49.5 17.9 26.9#
279 50.8 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.342 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

Tgt Ion:276 Resp: 27961
Ion Ratio Lower Upper
276 100
138 40.2 23.0 34.6#
277 28.8 20.3 30.5

