

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040557.D
 Acq On : 03 Jul 2023 02:15
 Operator : MA/JU
 Sample : 03243-22
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGE2

Quant Time: Jul 03 06:50:10 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)

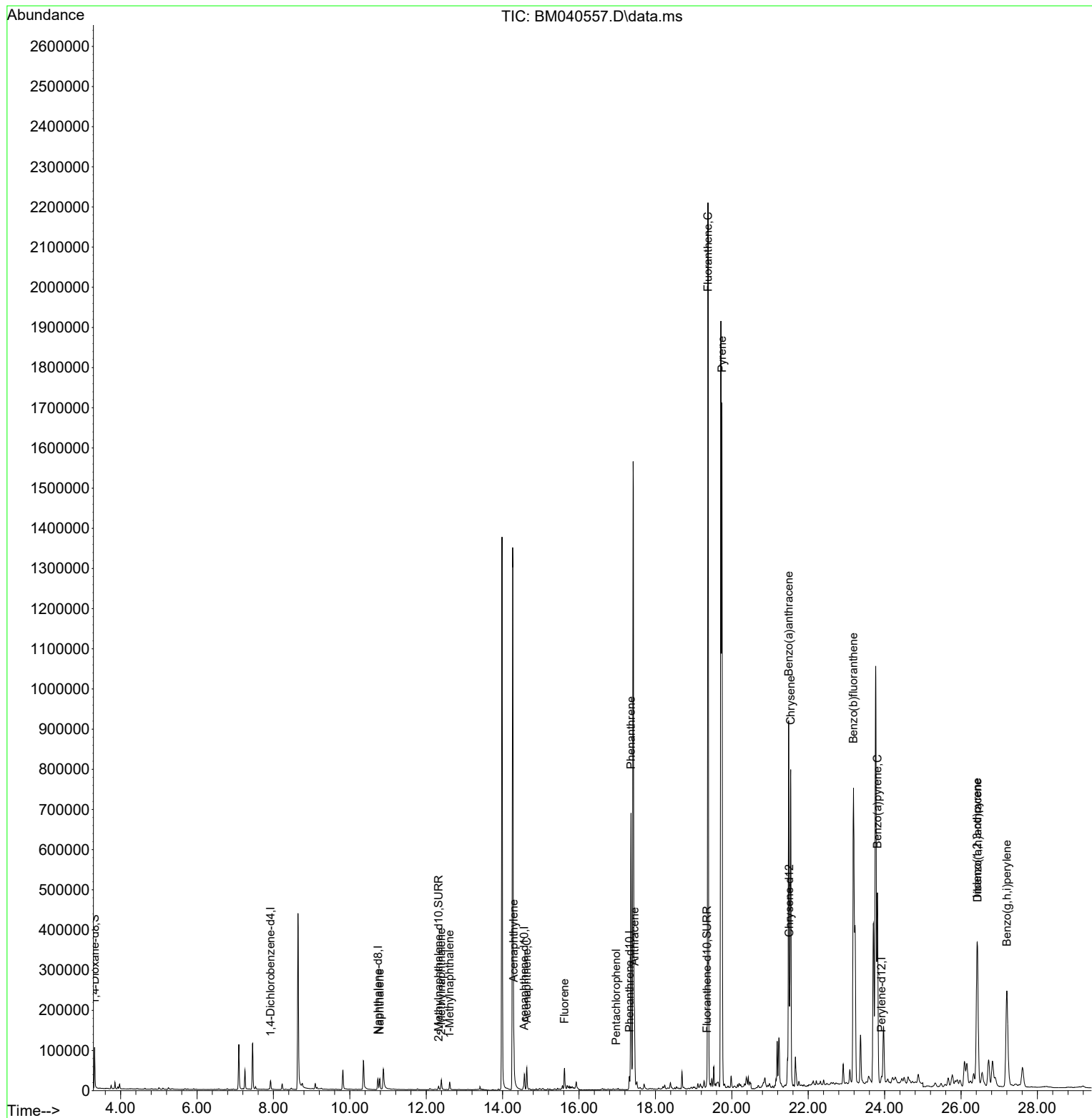
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	11183	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.734	136	40050	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.568	164	21911	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	40668	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	24111	0.400	ng/ul	0.00
23) Perylene-d12	23.917	264	25538	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	56759	3.231	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	12906	0.230	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	20738	0.268	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.783	128	39706	0.359	ng/ul	99
7) 2-Methylnaphthalene	12.395	142	19054	0.294	ng/ul	98
8) 1-Methylnaphthalene	12.615	142	13149	0.203	ng/ul	100
10) Acenaphthylene	14.290	152	103534	1.058	ng/ul	100
11) Acenaphthene	14.633	153	32940	0.399	ng/ul	99
12) Fluorene	15.618	166	35408	0.401	ng/ul	100
14) Pentachlorophenol	16.973	266	388	0.050	ng/ul	91
15) Phenanthrene	17.362	178	773007	6.119	ng/ul	98
16) Anthracene	17.450	178	183573	1.729	ng/ul	99
19) Fluoranthene	19.375	202	1931325	18.857	ng/ul	95
20) Pyrene	19.742	202	1399799	12.748	ng/ul	94
21) Benzo(a)anthracene	21.488	228	813780	9.978	ng/ul	98
22) Chrysene	21.541	228	835153	8.977	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	1335710	13.515	ng/ul	87
26) Benzo(a)pyrene	23.812	252	715189	8.034	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.420	276	657950	5.307	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.430	278	167100	1.721	ng/ul	95
29) Benzo(g,h,i)perylene	27.198	276	601229	5.533	ng/ul#	93

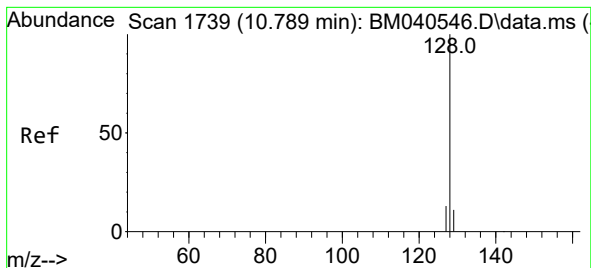
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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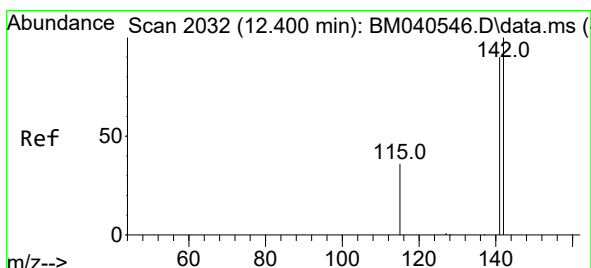
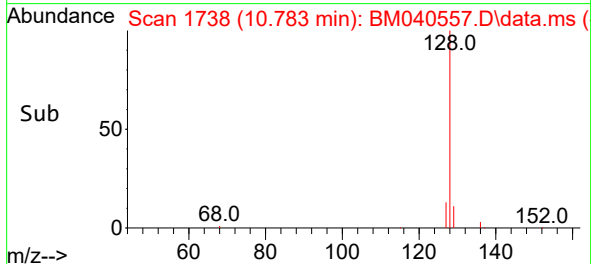
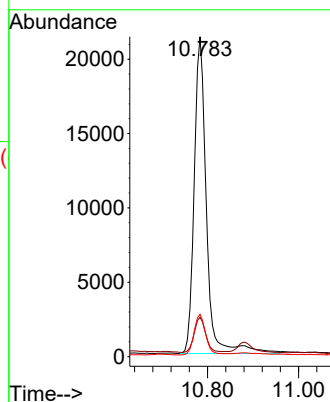
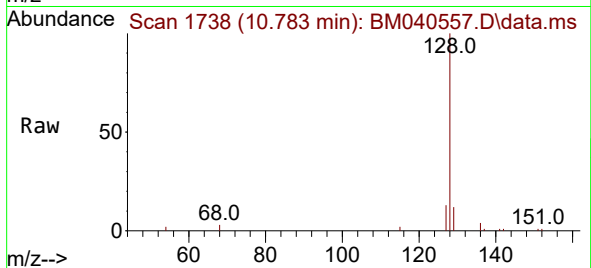




#5
Naphthalene
Concen: 0.359 ng/ul
RT: 10.783 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BM040557.D
Acq: 03 Jul 2023 02:15

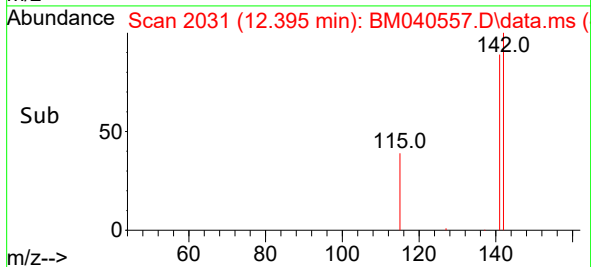
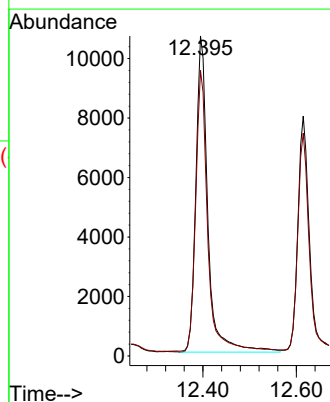
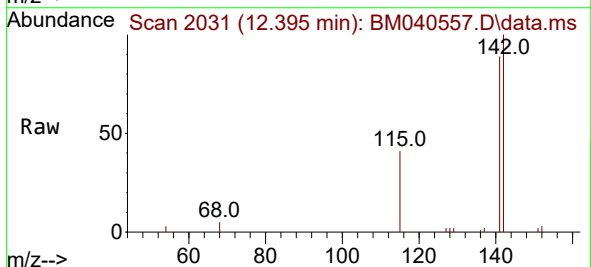
Instrument :
BNA_M
ClientSampleId :
DCGE2

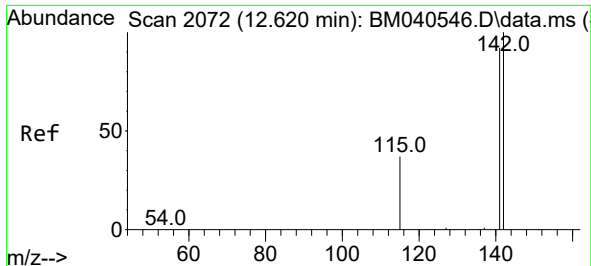
Tgt Ion:128 Resp: 39706
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 13.2 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040557.D
Acq: 03 Jul 2023 02:15

Tgt Ion:142 Resp: 19054
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9

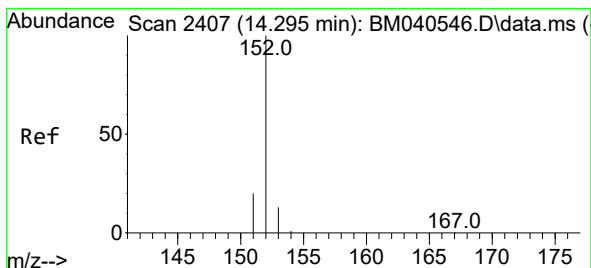
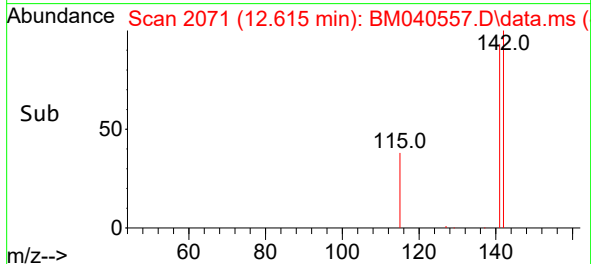
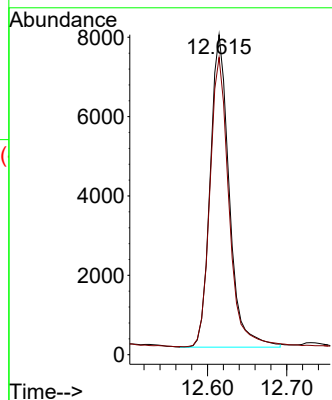
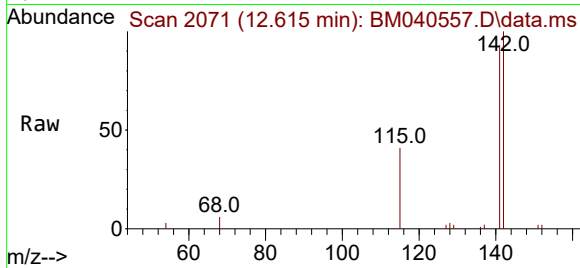




#8
1-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.011 min
Lab File: BM040557.D
Acq: 03 Jul 2023 02:15

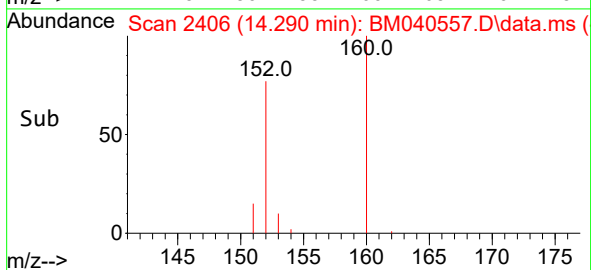
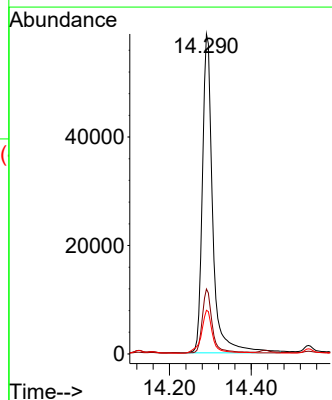
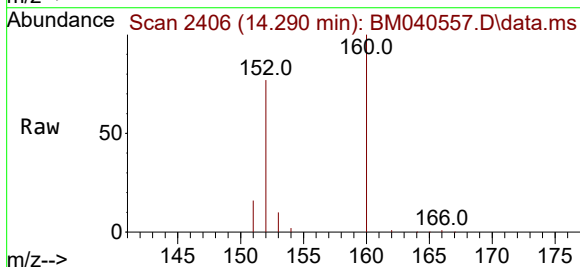
Instrument :
BNA_M
ClientSampleId :
DCGE2

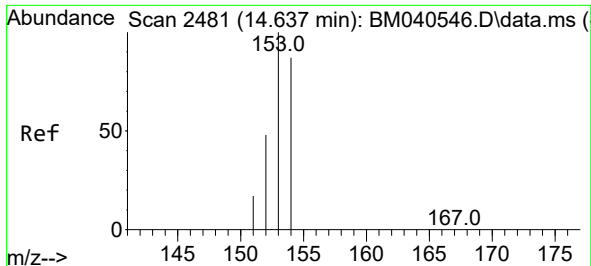
Tgt Ion:142 Resp: 13149
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5



#10
Acenaphthylene
Concen: 1.058 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BM040557.D
Acq: 03 Jul 2023 02:15

Tgt Ion:152 Resp: 103534
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.6 10.9 16.3

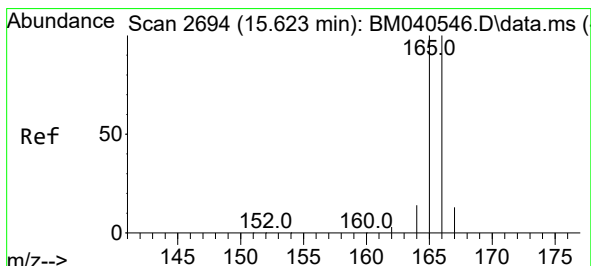
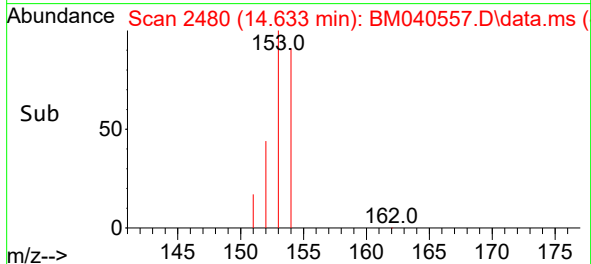
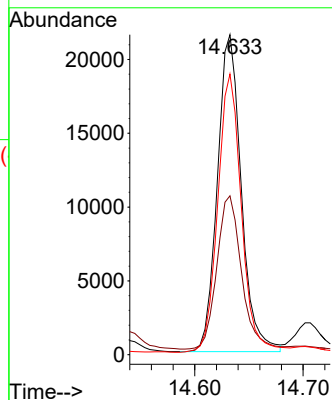
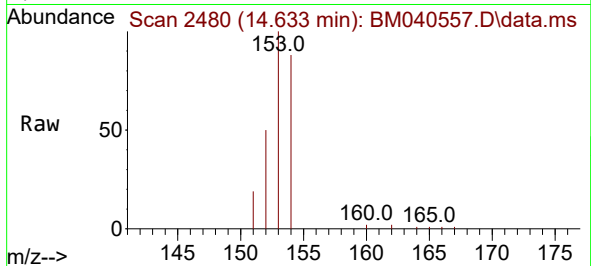




#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.633 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM040557.D
Acq: 03 Jul 2023 02:15

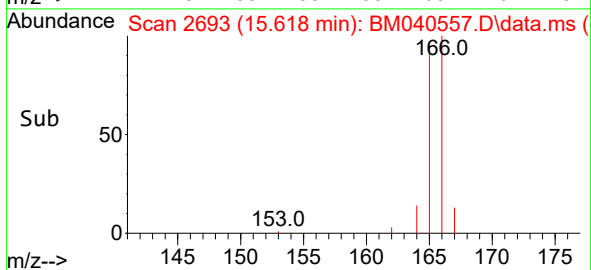
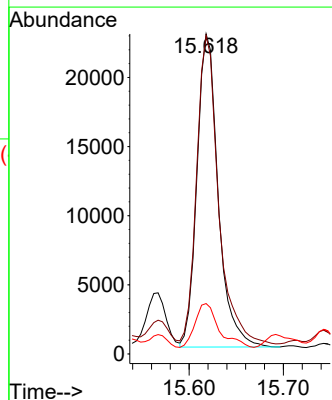
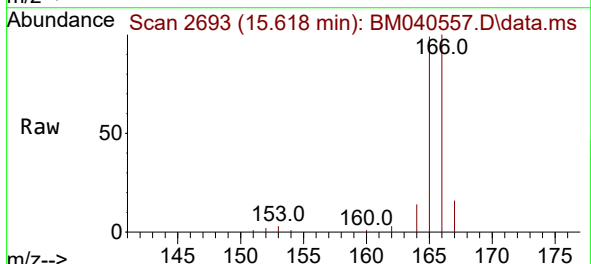
Instrument :
BNA_M
ClientSampleId :
DCGE2

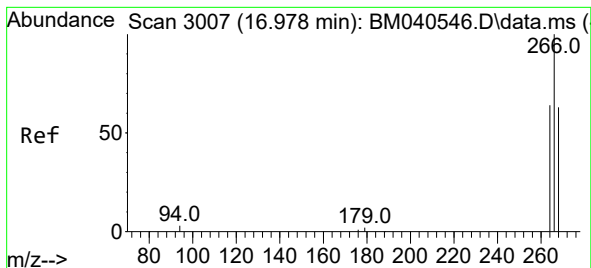
Tgt Ion:153 Resp: 32940
Ion Ratio Lower Upper
153 100
152 49.7 41.0 61.4
154 87.7 70.8 106.2



#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.014 min
Lab File: BM040557.D
Acq: 03 Jul 2023 02:15

Tgt Ion:166 Resp: 35408
Ion Ratio Lower Upper
166 100
165 99.5 79.6 119.4
167 15.8 11.4 17.0





#14

Pentachlorophenol

Concen: 0.050 ng/ul

RT: 16.973 min Scan# 3006

Delta R.T. -0.008 min

Lab File: BM040557.D

Acq: 03 Jul 2023 02:15

Instrument :

BNA_M

ClientSampleId :

DCGE2

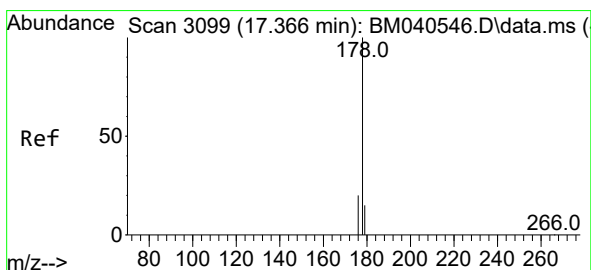
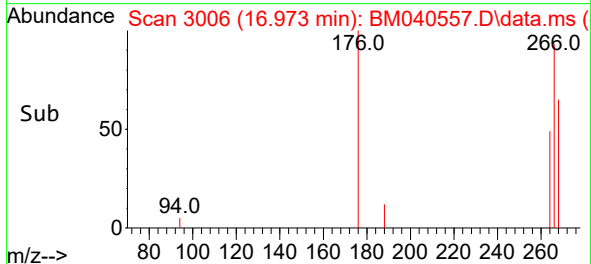
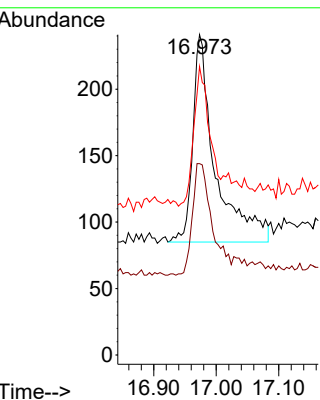
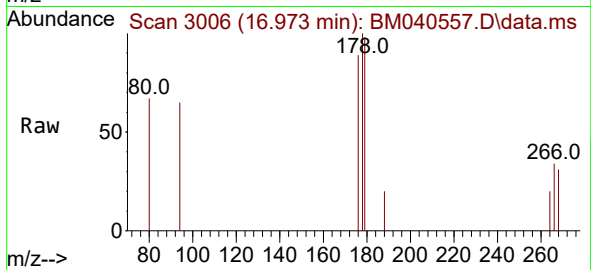
Tgt Ion:266 Resp: 388

Ion Ratio Lower Upper

266 100

264 47.2 45.4 68.0

268 63.4 47.2 70.8



#15

Phenanthrene

Concen: 6.119 ng/ul

RT: 17.362 min Scan# 3098

Delta R.T. -0.008 min

Lab File: BM040557.D

Acq: 03 Jul 2023 02:15

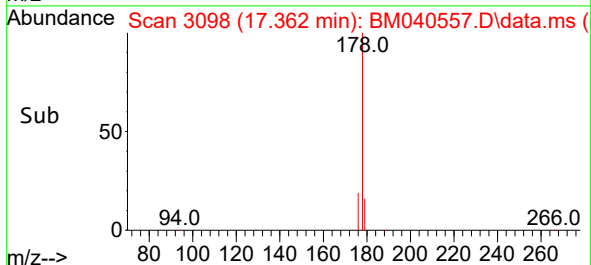
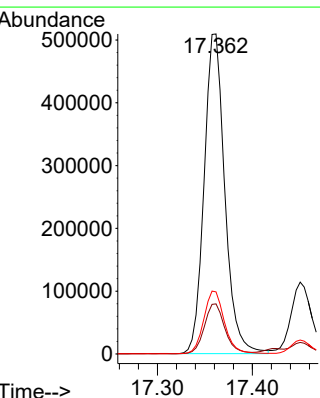
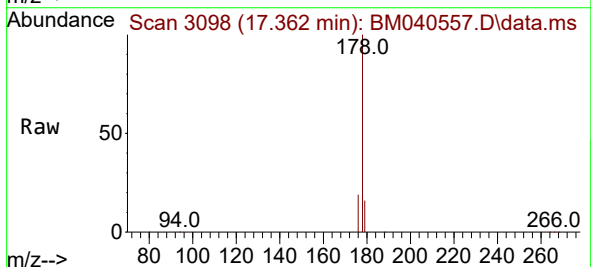
Tgt Ion:178 Resp: 773007

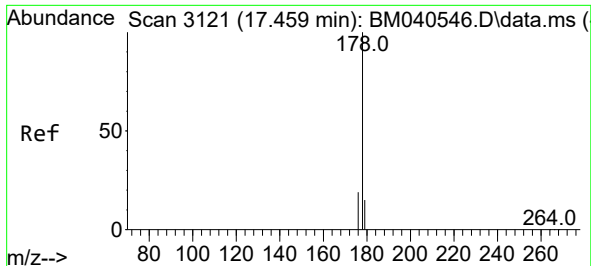
Ion Ratio Lower Upper

178 100

179 15.7 12.8 19.2

176 19.4 16.4 24.6

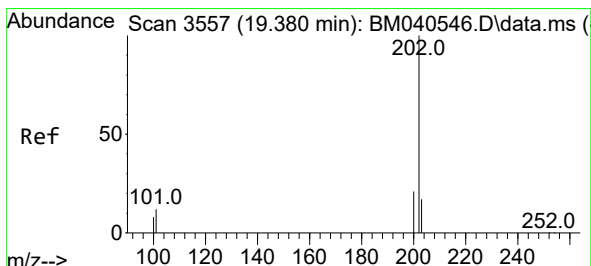
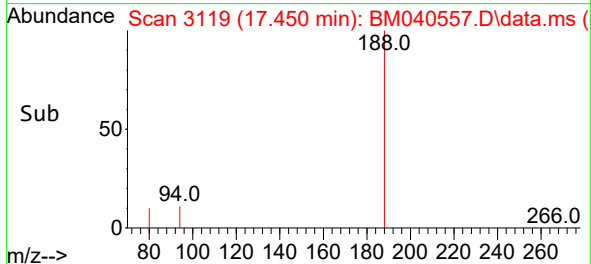
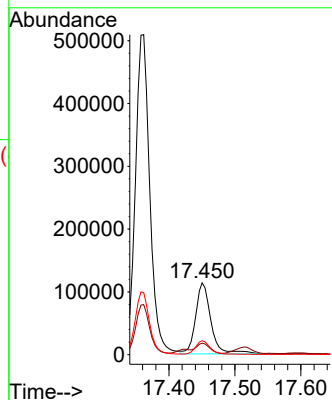
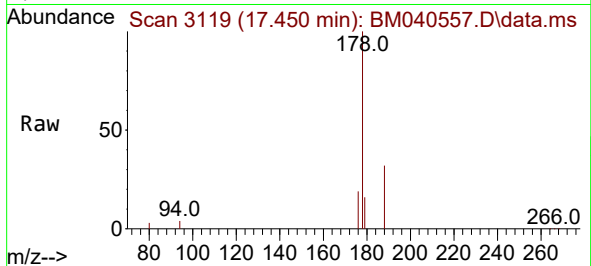




#16
 Anthracene
 Concen: 1.729 ng/ul
 RT: 17.450 min Scan# 3119
 Delta R.T. -0.013 min
 Lab File: BM040557.D
 Acq: 03 Jul 2023 02:15

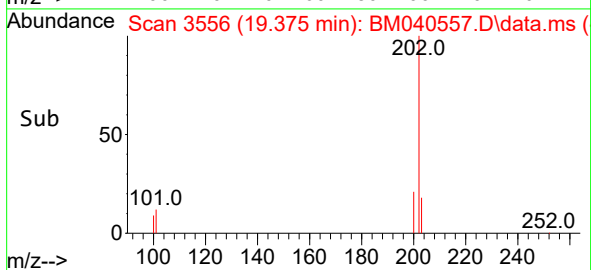
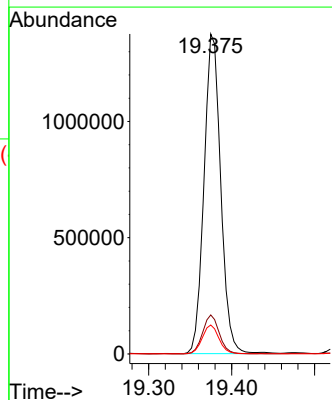
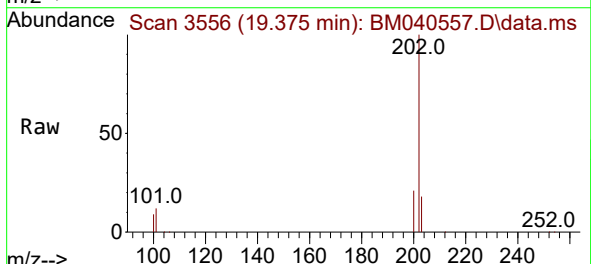
Instrument :
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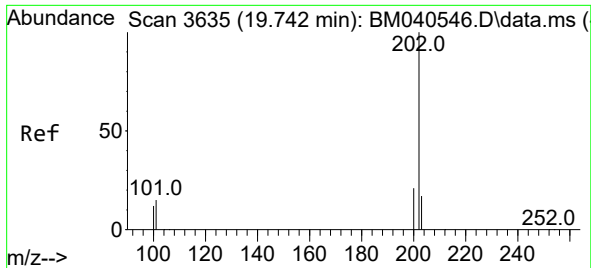
Tgt Ion:178 Resp: 183573
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.9 19.3
 176 19.3 15.8 23.6



#19
 Fluoranthene
 Concen: 18.857 ng/ul
 RT: 19.375 min Scan# 3556
 Delta R.T. -0.009 min
 Lab File: BM040557.D
 Acq: 03 Jul 2023 02:15

Tgt Ion:202 Resp: 1931325
 Ion Ratio Lower Upper
 202 100
 101 12.2 11.4 17.0
 100 9.1 8.7 13.1

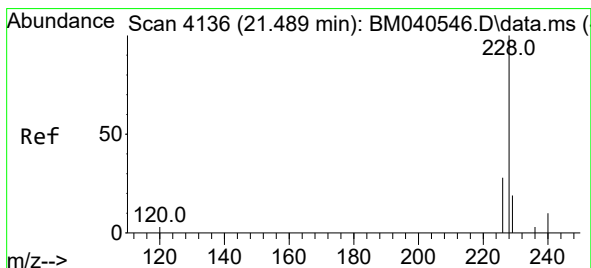
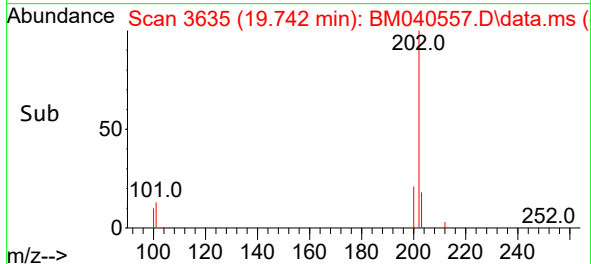
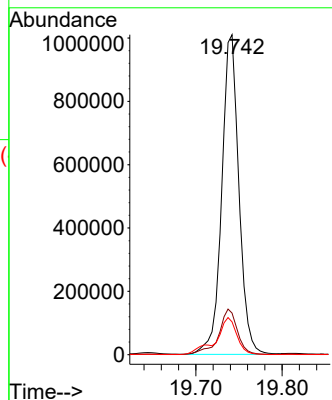
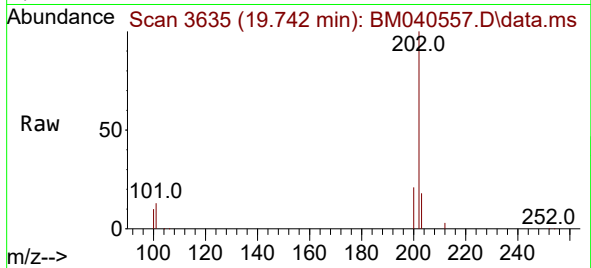




#20
Pyrene
Concen: 12.748 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040557.D
Acq: 03 Jul 2023 02:15

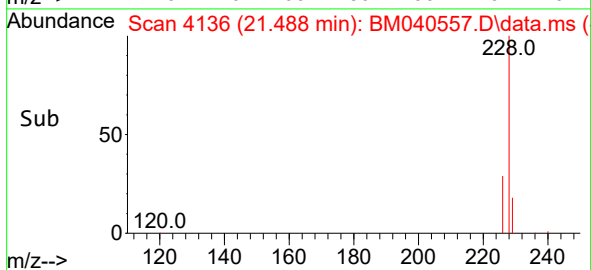
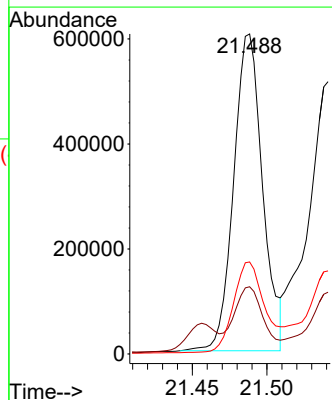
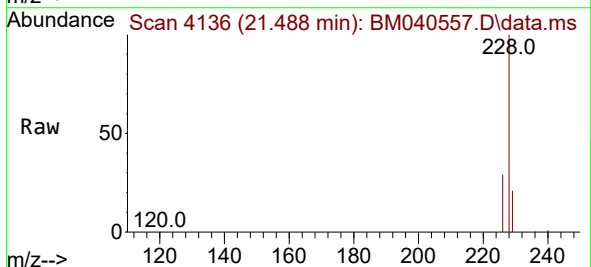
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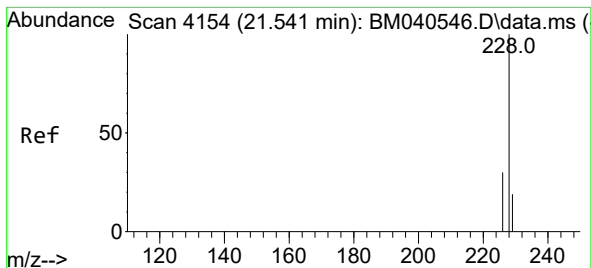
Tgt Ion:202 Resp: 1399799
Ion Ratio Lower Upper
202 100
101 13.0 12.6 18.8
100 10.3 9.8 14.6



#21
Benzo(a)anthracene
Concen: 9.978 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040557.D
Acq: 03 Jul 2023 02:15

Tgt Ion:228 Resp: 813780
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 28.7 22.3 33.5





#22

Chrysene

Concen: 8.977 ng/ul

RT: 21.541 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM040557.D

Acq: 03 Jul 2023 02:15

Instrument :

BNA_M

ClientSampleId :

DCGE2

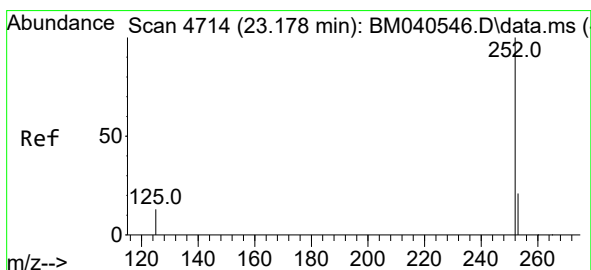
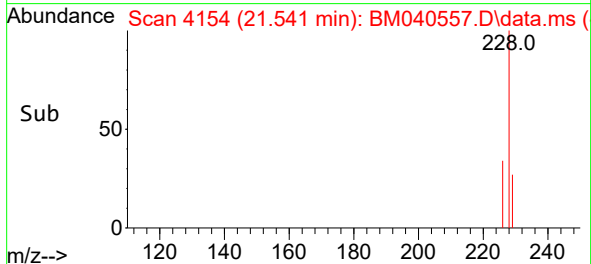
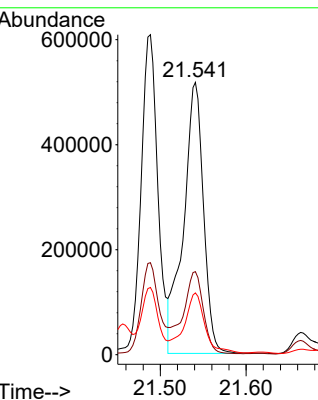
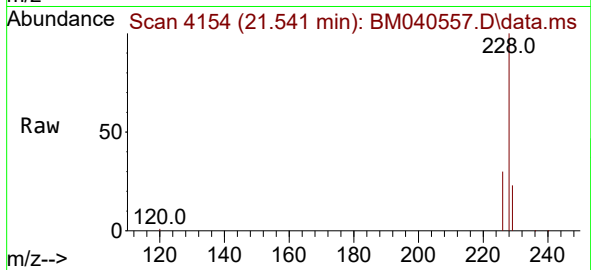
Tgt Ion:228 Resp: 835153

Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

229 22.7 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 13.515 ng/ul

RT: 23.184 min Scan# 4716

Delta R.T. 0.003 min

Lab File: BM040557.D

Acq: 03 Jul 2023 02:15

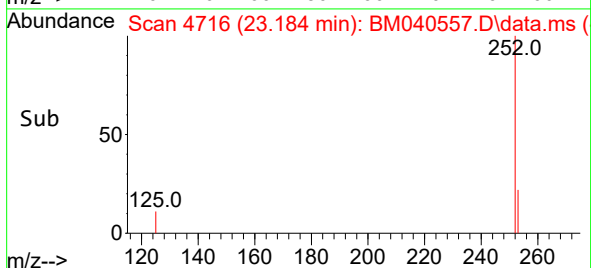
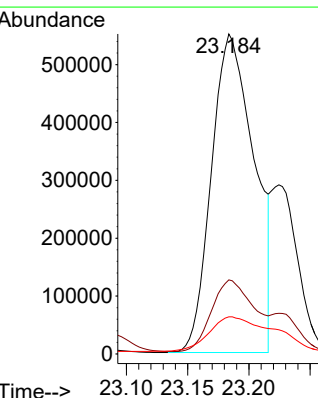
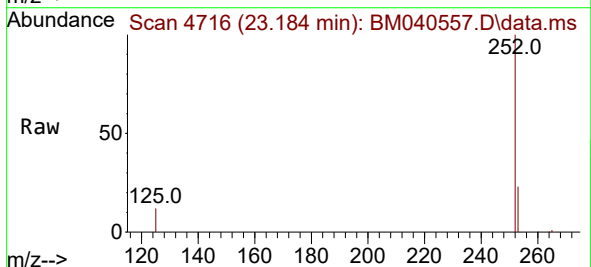
Tgt Ion:252 Resp: 1335710

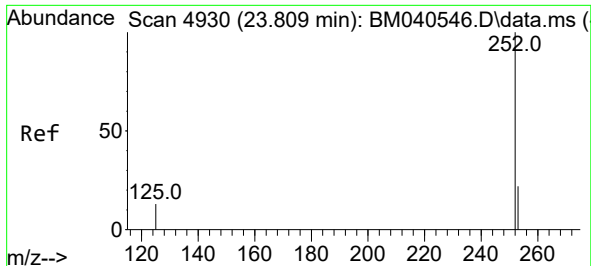
Ion Ratio Lower Upper

252 100

253 23.1 0.0 52.8

125 11.6 0.0 43.0

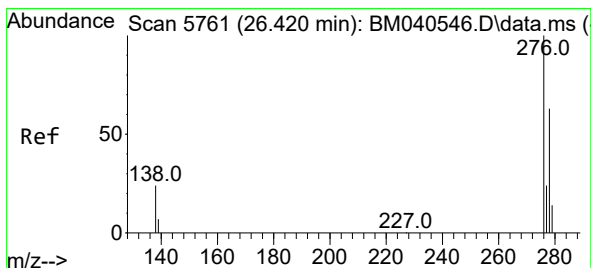
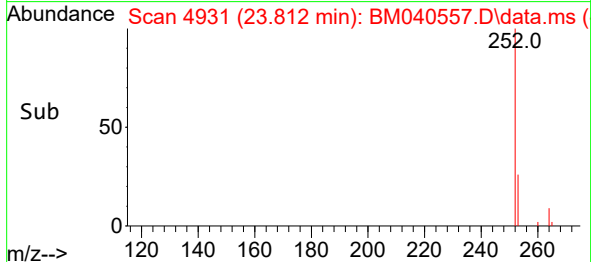
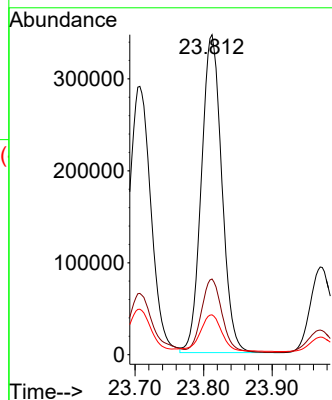
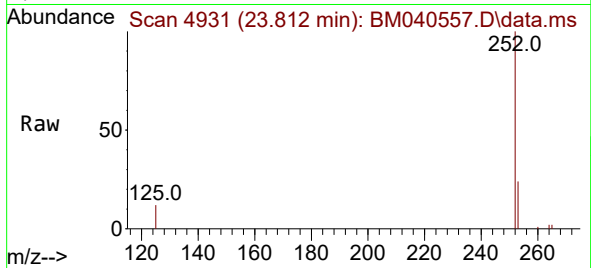




#26
Benzo(a)pyrene
Concen: 8.034 ng/ul
RT: 23.812 min Scan# 4930
Delta R.T. 0.000 min
Lab File: BM040557.D
Acq: 03 Jul 2023 02:15

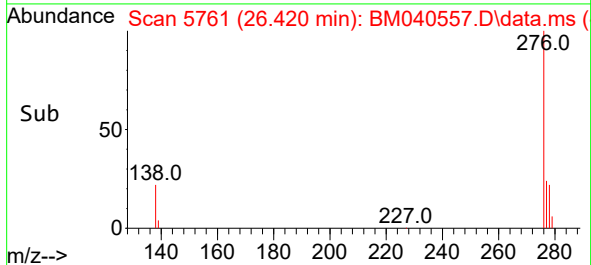
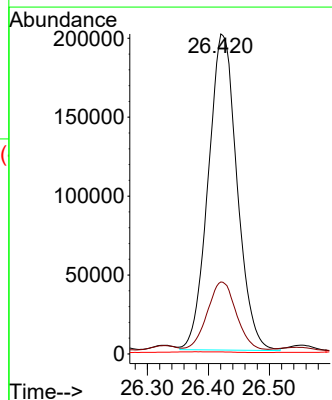
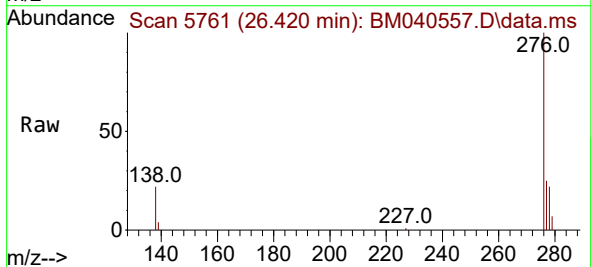
Instrument :
BNA_M
ClientSampleId :
DCGE2

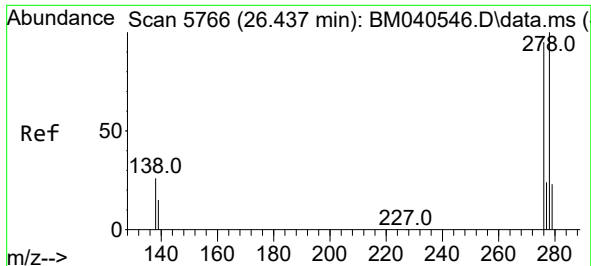
Tgt Ion:252 Resp: 715189
Ion Ratio Lower Upper
252 100
253 23.7 22.9 34.3
125 12.5 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.307 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040557.D
Acq: 03 Jul 2023 02:15

Tgt Ion:276 Resp: 657950
Ion Ratio Lower Upper
276 100
138 21.9 24.5 36.7#
227 0.0 0.1 0.1#

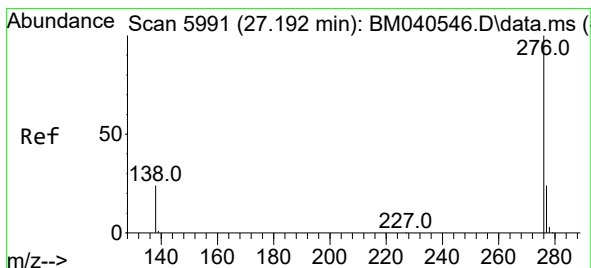
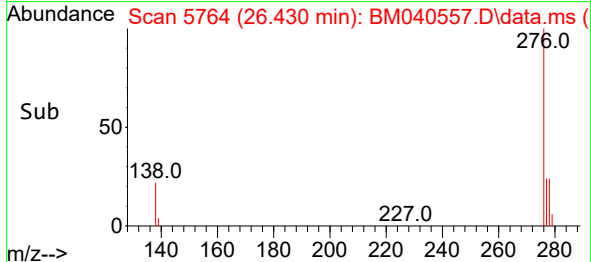
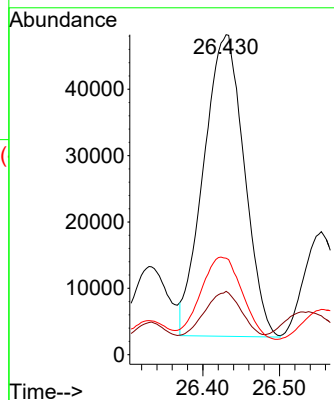
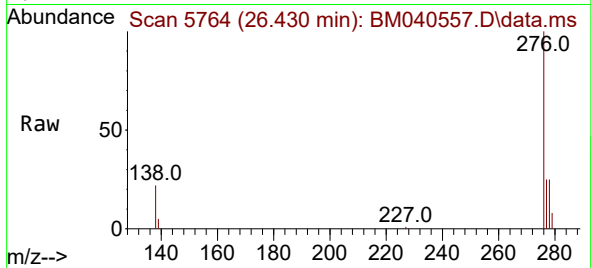




#28
Dibenzo(a,h)anthracene
Concen: 1.721 ng/ul
RT: 26.430 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040557.D
Acq: 03 Jul 2023 02:15

Instrument :
BNA_M
ClientSampleId :
DCGE2

Tgt Ion:278 Resp: 167100
Ion Ratio Lower Upper
278 100
139 19.8 17.9 26.9
279 30.1 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 5.533 ng/ul
RT: 27.198 min Scan# 5993
Delta R.T. 0.013 min
Lab File: BM040557.D
Acq: 03 Jul 2023 02:15

Tgt Ion:276 Resp: 601229
Ion Ratio Lower Upper
276 100
138 22.9 23.0 34.6#
277 24.4 20.3 30.5

