

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040472.D
 Acq On : 30 Jun 2023 15:13
 Operator : MA/JU
 Sample : 03239-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFZ7

Quant Time: Jul 01 03:03:37 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)

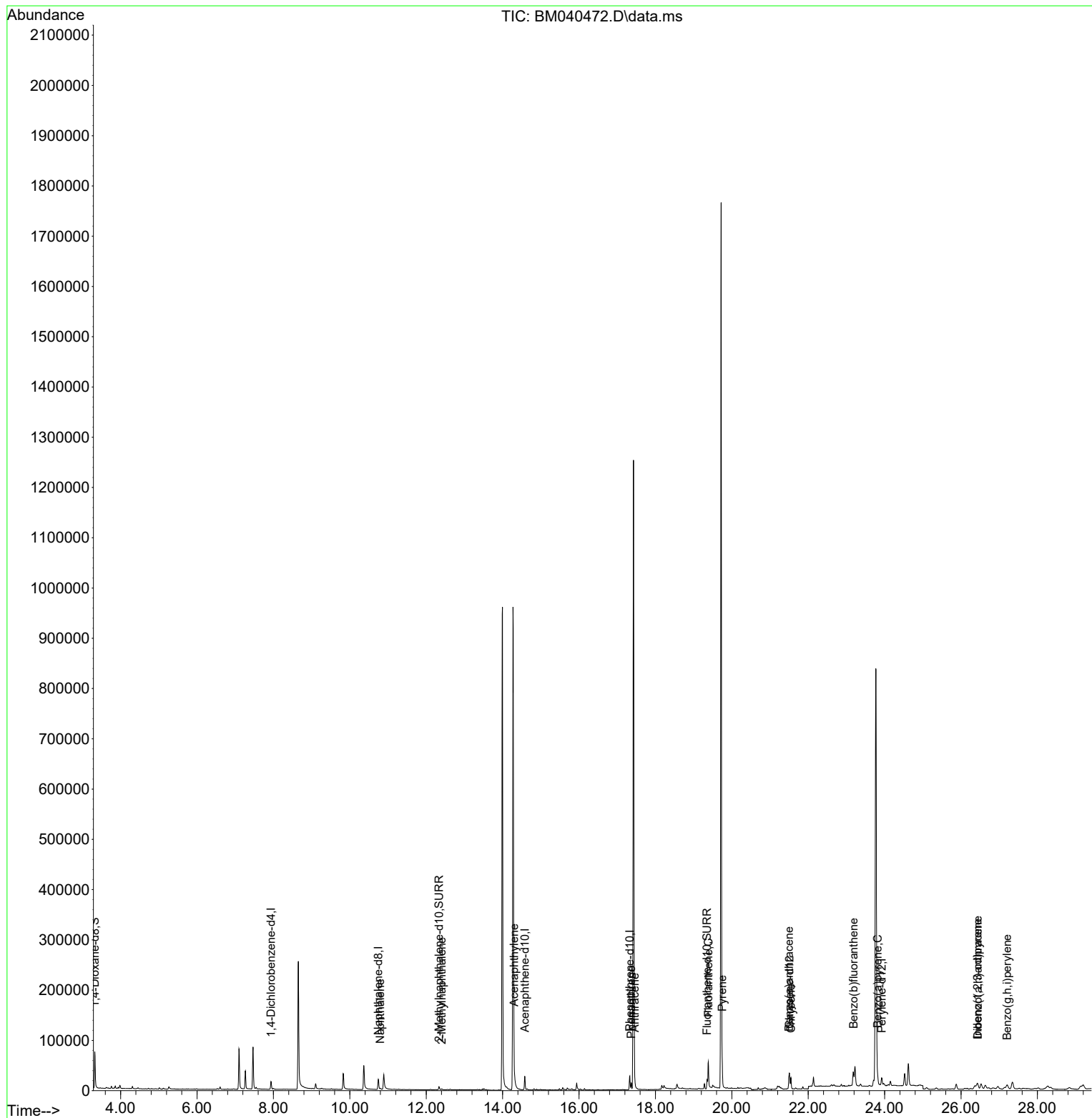
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	8062	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	30550	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.582	164	15996	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	32973	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	23380	0.400	ng/ul	0.00
23) Perylene-d12	23.923	264	23026	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	43795	3.458	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	9526	0.222	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	18790	0.251	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.795	128	2310	0.027	ng/ul#	70
7) 2-Methylnaphthalene	12.406	142	1264	0.026	ng/ul	97
10) Acenaphthylene	14.300	152	2708	0.038	ng/ul#	80
15) Phenanthrene	17.366	178	14691	0.143	ng/ul	97
16) Anthracene	17.459	178	2507	0.029	ng/ul#	82
19) Fluoranthene	19.384	202	42748	0.430	ng/ul#	84
20) Pyrene	19.747	202	36091	0.339	ng/ul	94
21) Benzo(a)anthracene	21.494	228	18803	0.238	ng/ul	94
22) Chrysene	21.547	228	24523	0.272	ng/ul	96
24) Benzo(b)fluoranthene	23.187	252	37621	0.422	ng/ul#	75
26) Benzo(a)pyrene	23.815	252	21954	0.274	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.430	276	21566	0.193	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.437	278	5244	0.060	ng/ul#	39
29) Benzo(g,h,i)perylene	27.205	276	20514	0.209	ng/ul#	92

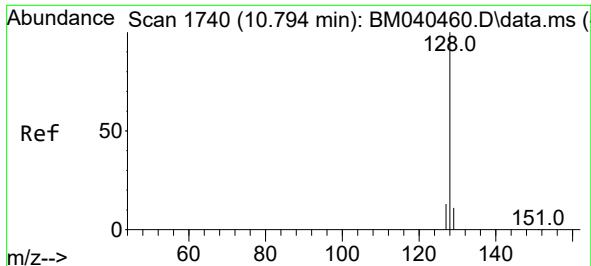
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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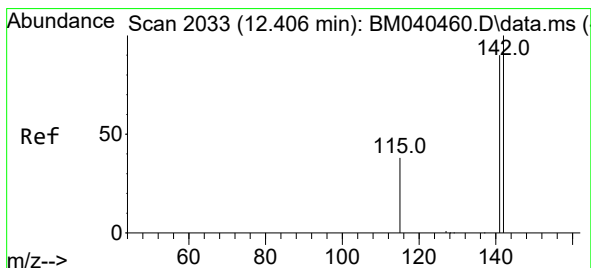
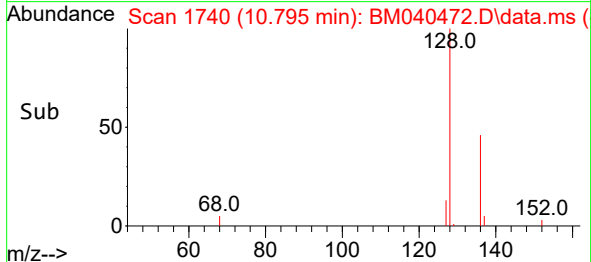
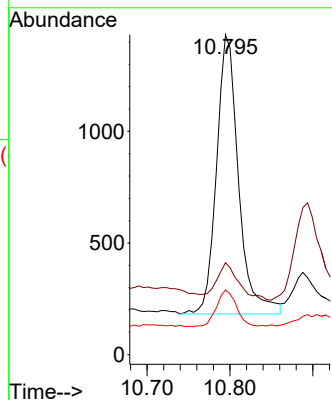
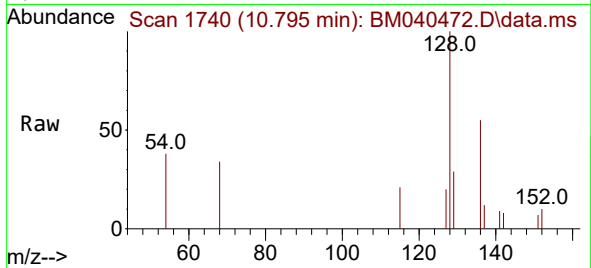




#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.795 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040472.D
Acq: 30 Jun 2023 15:13

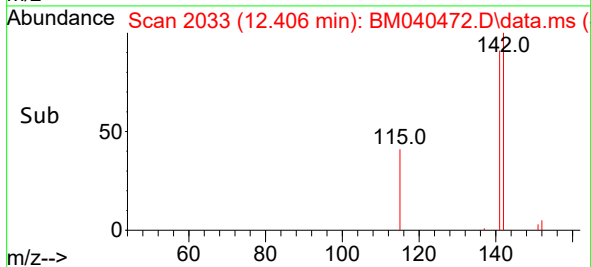
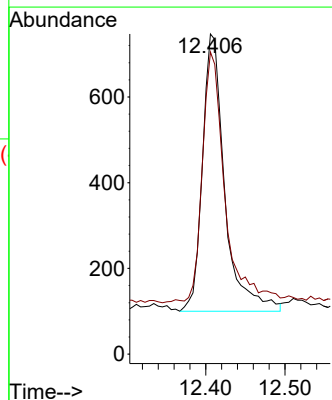
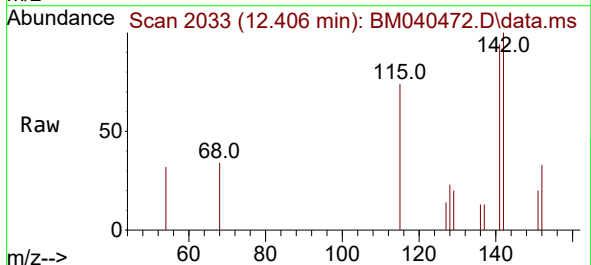
Instrument :
BNA_M
ClientSampleId :
DCFZ7

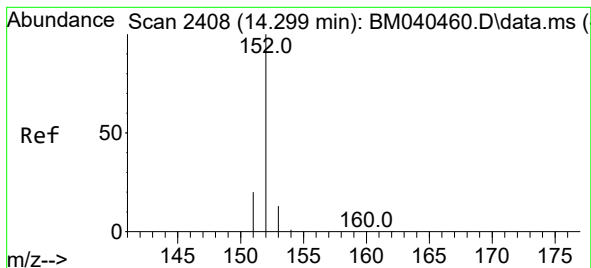
Tgt Ion:128 Resp: 2310
Ion Ratio Lower Upper
128 100
129 28.8 9.2 13.8#
127 20.2 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040472.D
Acq: 30 Jun 2023 15:13

Tgt Ion:142 Resp: 1264
Ion Ratio Lower Upper
142 100
141 93.0 71.9 107.9





#10

Acenaphthylene

Concen: 0.038 ng/ul

RT: 14.300 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM040472.D

Acq: 30 Jun 2023 15:13

Instrument :

BNA_M

ClientSampleId :

DCFZ7

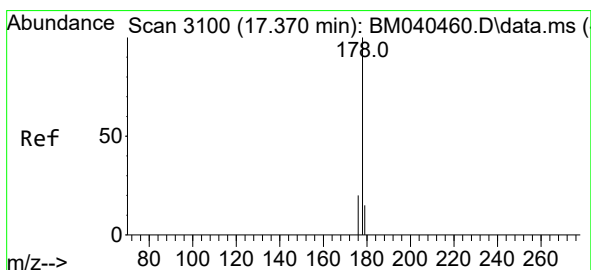
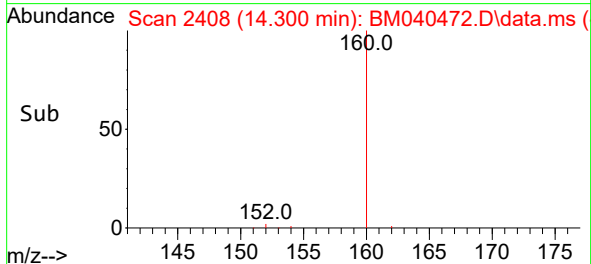
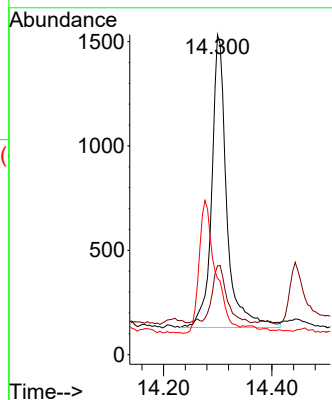
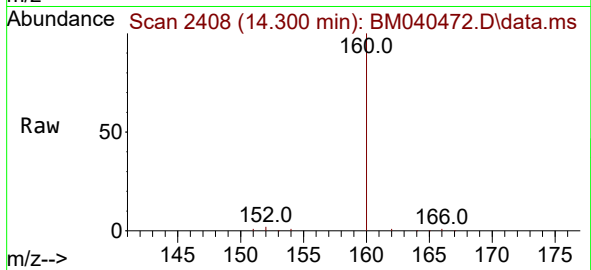
Tgt Ion:152 Resp: 2708

Ion Ratio Lower Upper

152 100

151 27.7 16.2 24.2#

153 23.9 10.9 16.3#



#15

Phenanthrene

Concen: 0.143 ng/ul

RT: 17.366 min Scan# 3099

Delta R.T. -0.004 min

Lab File: BM040472.D

Acq: 30 Jun 2023 15:13

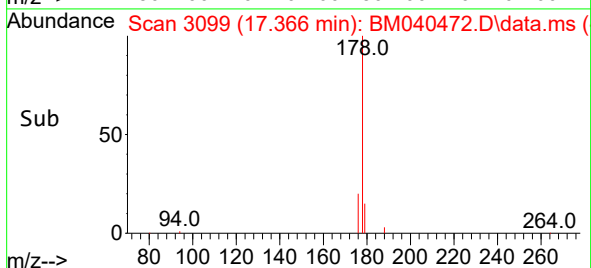
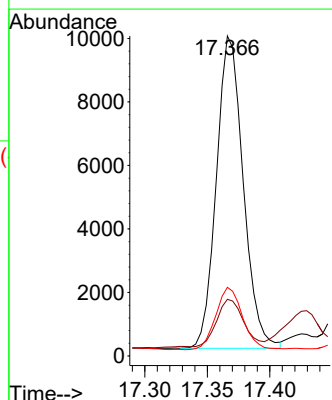
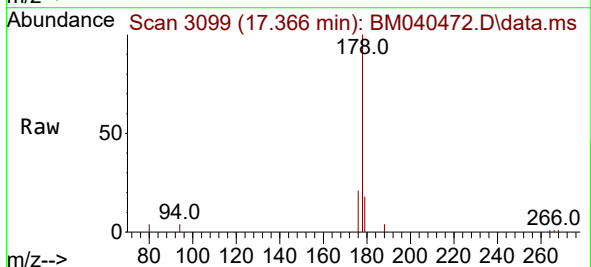
Tgt Ion:178 Resp: 14691

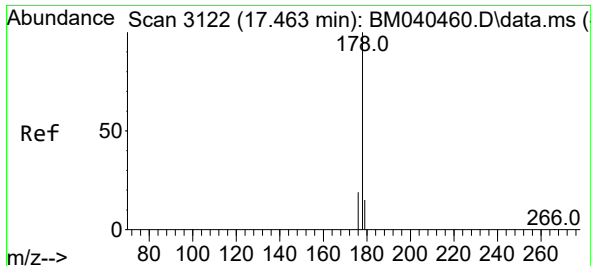
Ion Ratio Lower Upper

178 100

179 17.7 12.8 19.2

176 21.4 16.4 24.6

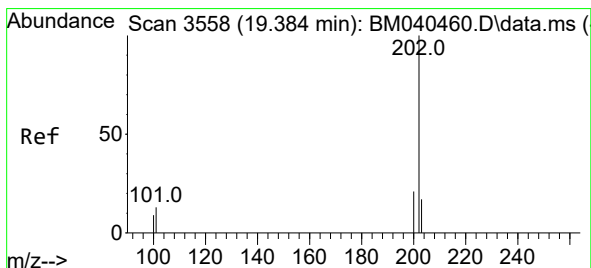
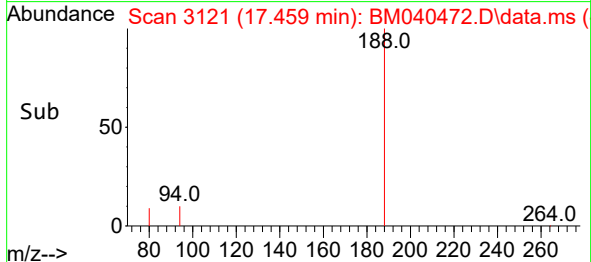
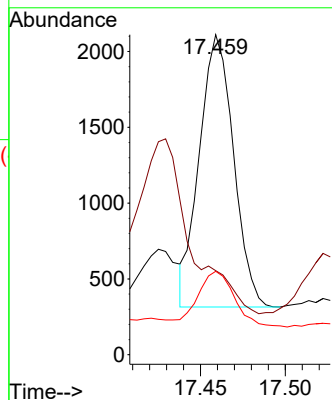
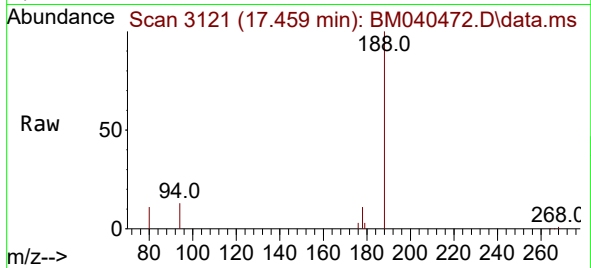




#16
 Anthracene
 Concen: 0.029 ng/ul
 RT: 17.459 min Scan# 3121
 Delta R.T. -0.004 min
 Lab File: BM040472.D
 Acq: 30 Jun 2023 15:13

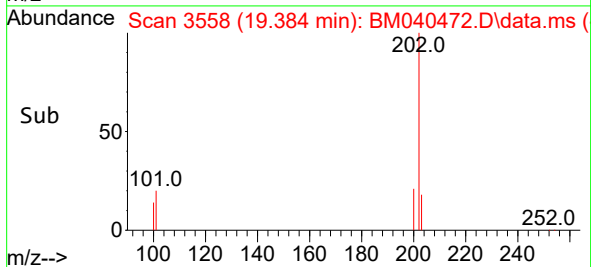
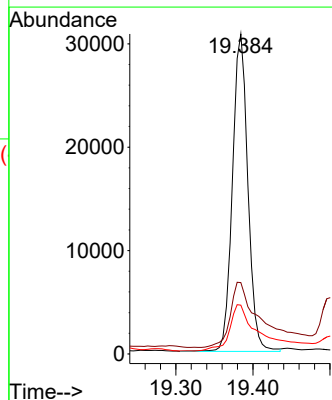
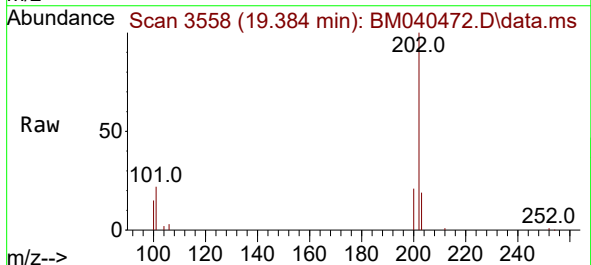
Instrument :
 BNA_M
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 DCFZ7

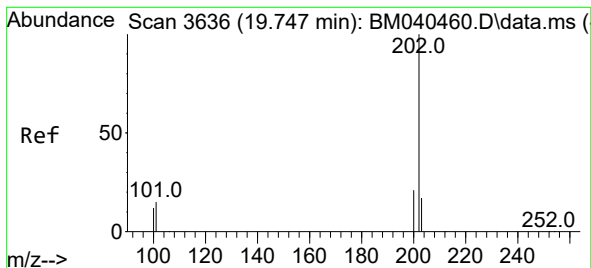
Tgt Ion:178 Resp: 2507
 Ion Ratio Lower Upper
 178 100
 179 26.2 12.9 19.3#
 176 26.1 15.8 23.6#



#19
 Fluoranthene
 Concen: 0.430 ng/ul
 RT: 19.384 min Scan# 3558
 Delta R.T. 0.000 min
 Lab File: BM040472.D
 Acq: 30 Jun 2023 15:13

Tgt Ion:202 Resp: 42748
 Ion Ratio Lower Upper
 202 100
 101 22.3 11.4 17.0#
 100 15.2 8.7 13.1#





#20

Pyrene

Concen: 0.339 ng/ul

RT: 19.747 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM040472.D

Acq: 30 Jun 2023 15:13

Instrument :

BNA_M

ClientSampleId :

DCFZ7

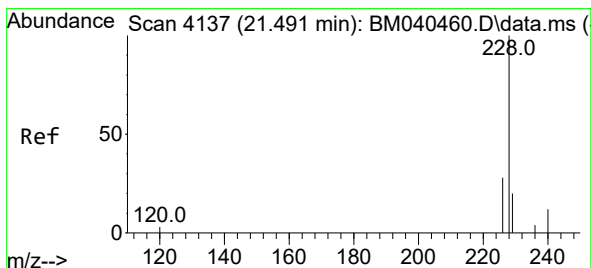
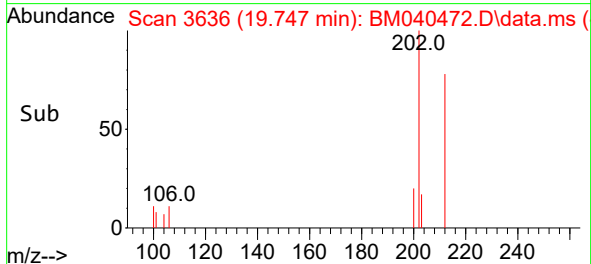
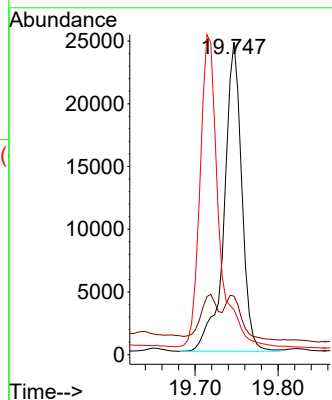
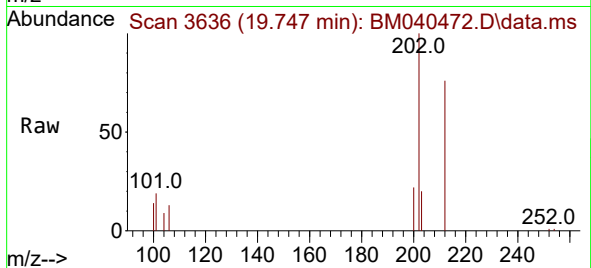
Tgt Ion:202 Resp: 36091

Ion Ratio Lower Upper

202 100

101 18.7 12.6 18.8

100 14.4 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.238 ng/ul

RT: 21.494 min Scan# 4138

Delta R.T. 0.003 min

Lab File: BM040472.D

Acq: 30 Jun 2023 15:13

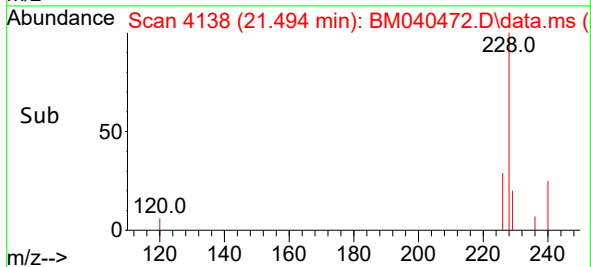
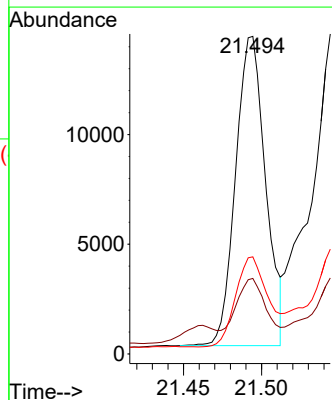
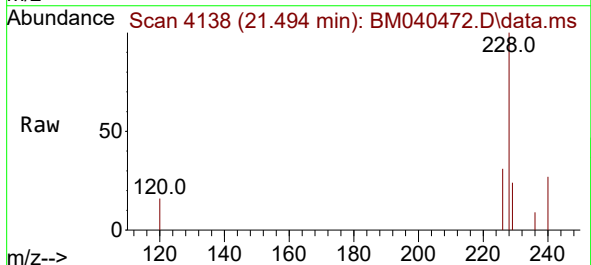
Tgt Ion:228 Resp: 18803

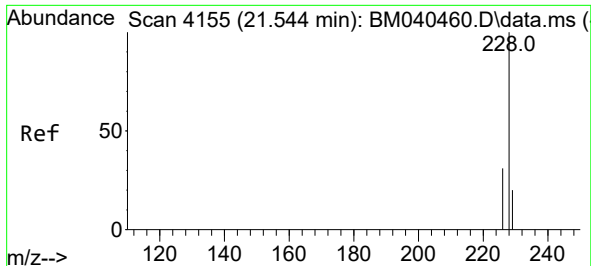
Ion Ratio Lower Upper

228 100

229 23.8 16.0 24.0

226 30.6 22.3 33.5

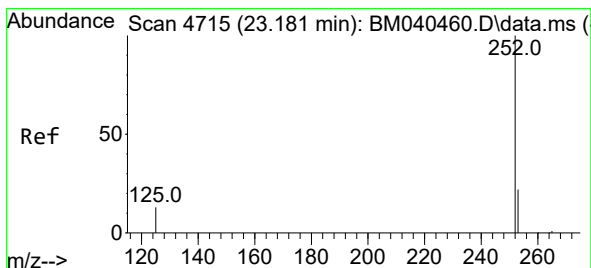
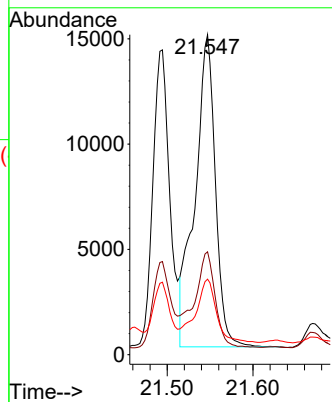
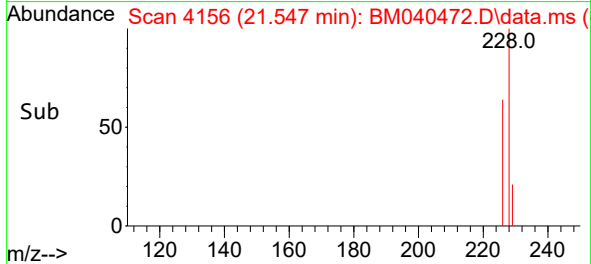
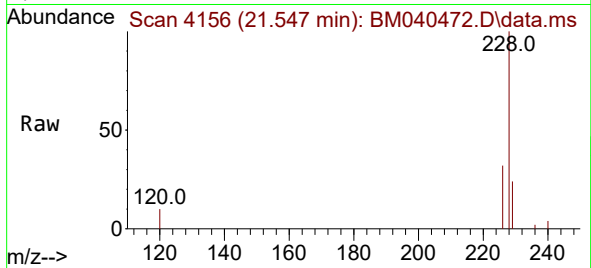




#22
Chrysene
Concen: 0.272 ng/ul
RT: 21.547 min Scan# 4155
Delta R.T. 0.003 min
Lab File: BM040472.D
Acq: 30 Jun 2023 15:13

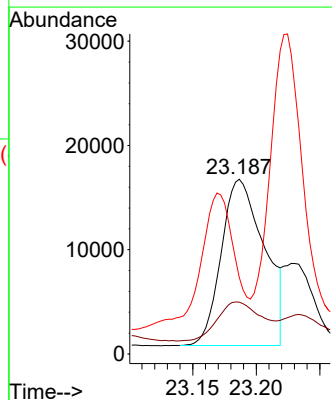
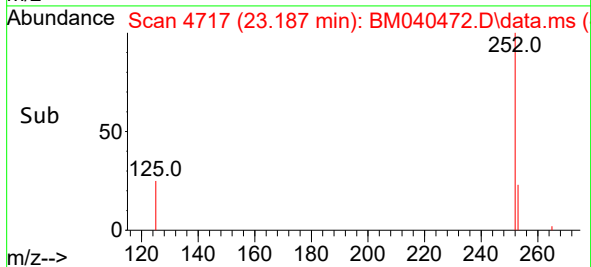
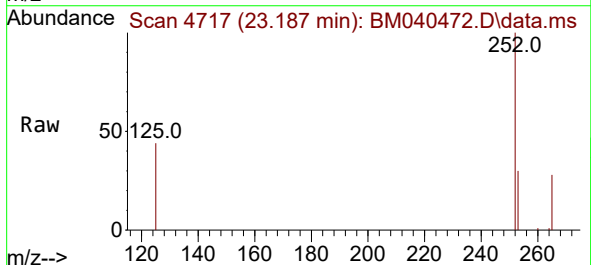
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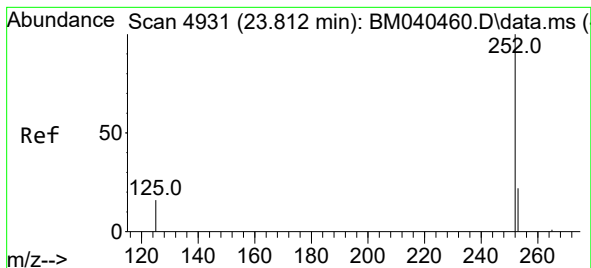
Tgt Ion:228 Resp: 24523
Ion Ratio Lower Upper
228 100
226 32.1 24.9 37.3
229 23.6 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul
RT: 23.187 min Scan# 4717
Delta R.T. 0.006 min
Lab File: BM040472.D
Acq: 30 Jun 2023 15:13

Tgt Ion:252 Resp: 37621
Ion Ratio Lower Upper
252 100
253 29.7 0.0 52.8
125 43.8 0.0 43.0#

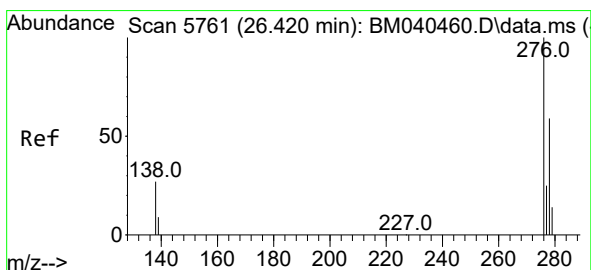
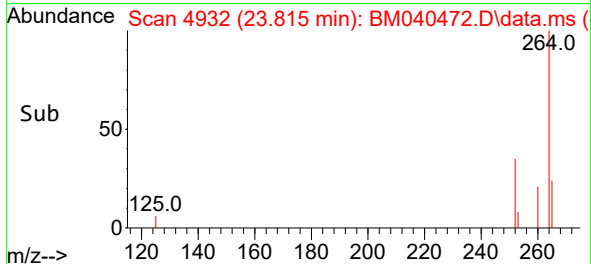
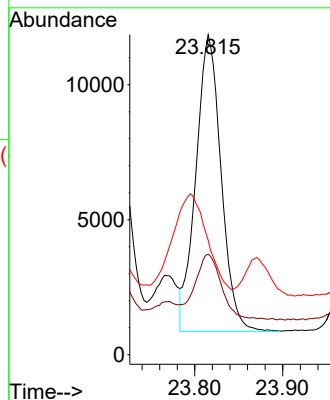
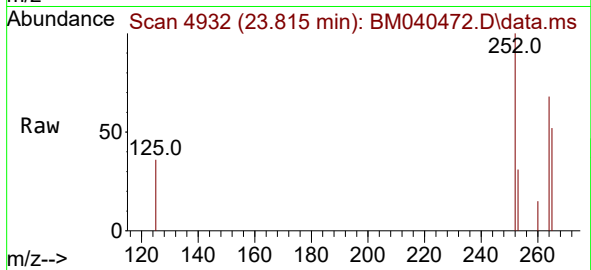




#26
Benzo(a)pyrene
Concen: 0.274 ng/ul
RT: 23.815 min Scan# 4931
Delta R.T. 0.003 min
Lab File: BM040472.D
Acq: 30 Jun 2023 15:13

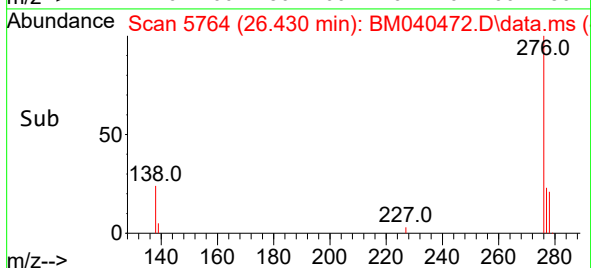
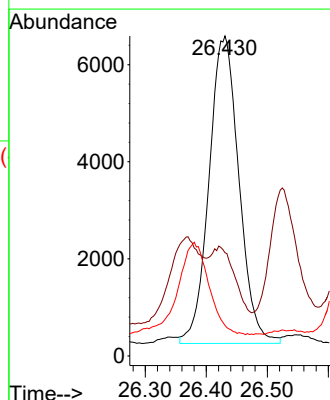
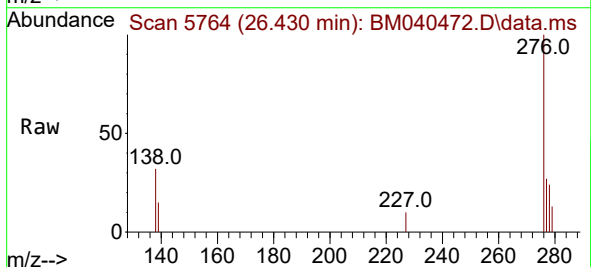
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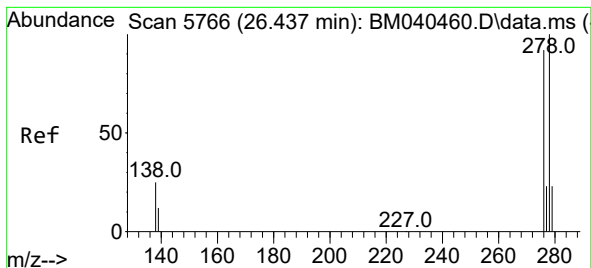
Tgt Ion:252 Resp: 21954
Ion Ratio Lower Upper
252 100
253 31.4 22.9 34.3
125 35.8 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. 0.010 min
Lab File: BM040472.D
Acq: 30 Jun 2023 15:13

Tgt Ion:276 Resp: 21566
Ion Ratio Lower Upper
276 100
138 0.0 24.5 36.7#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.060 ng/ul

RT: 26.437 min Scan# 51

Delta R.T. 0.000 min

Lab File: BM040472.D

Acq: 30 Jun 2023 15:13

Instrument :

BNA_M

ClientSampleId :

DCFZ7

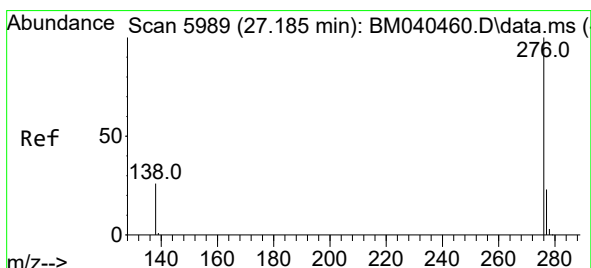
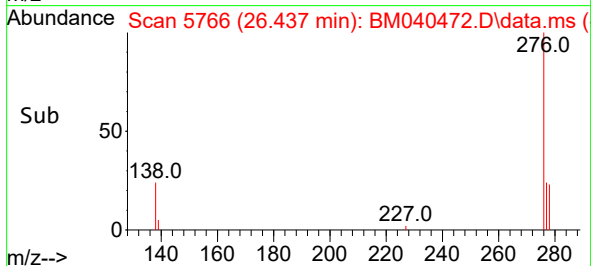
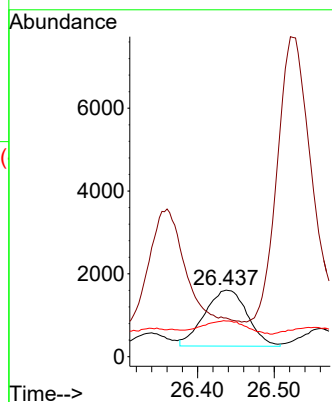
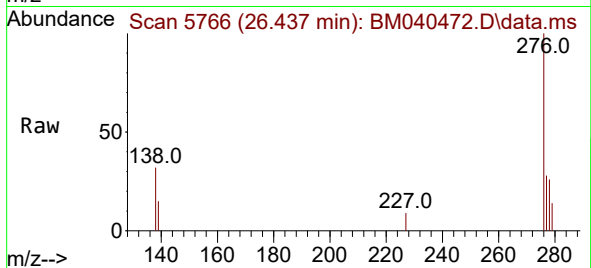
Tgt Ion:278 Resp: 5244

Ion Ratio Lower Upper

278 100

139 58.2 17.9 26.9#

279 53.6 22.0 33.0#



#29

Benzo(g,h,i)perylene

Concen: 0.209 ng/ul

RT: 27.205 min Scan# 5995

Delta R.T. 0.020 min

Lab File: BM040472.D

Acq: 30 Jun 2023 15:13

Tgt Ion:276 Resp: 20514

Ion Ratio Lower Upper

276 100

138 35.5 23.0 34.6#

277 27.2 20.3 30.5

