

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042640.D
 Acq On : 08 Nov 2023 08:33
 Operator : MA/JU
 Sample : 05026-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH6

Quant Time: Nov 08 22:53:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

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

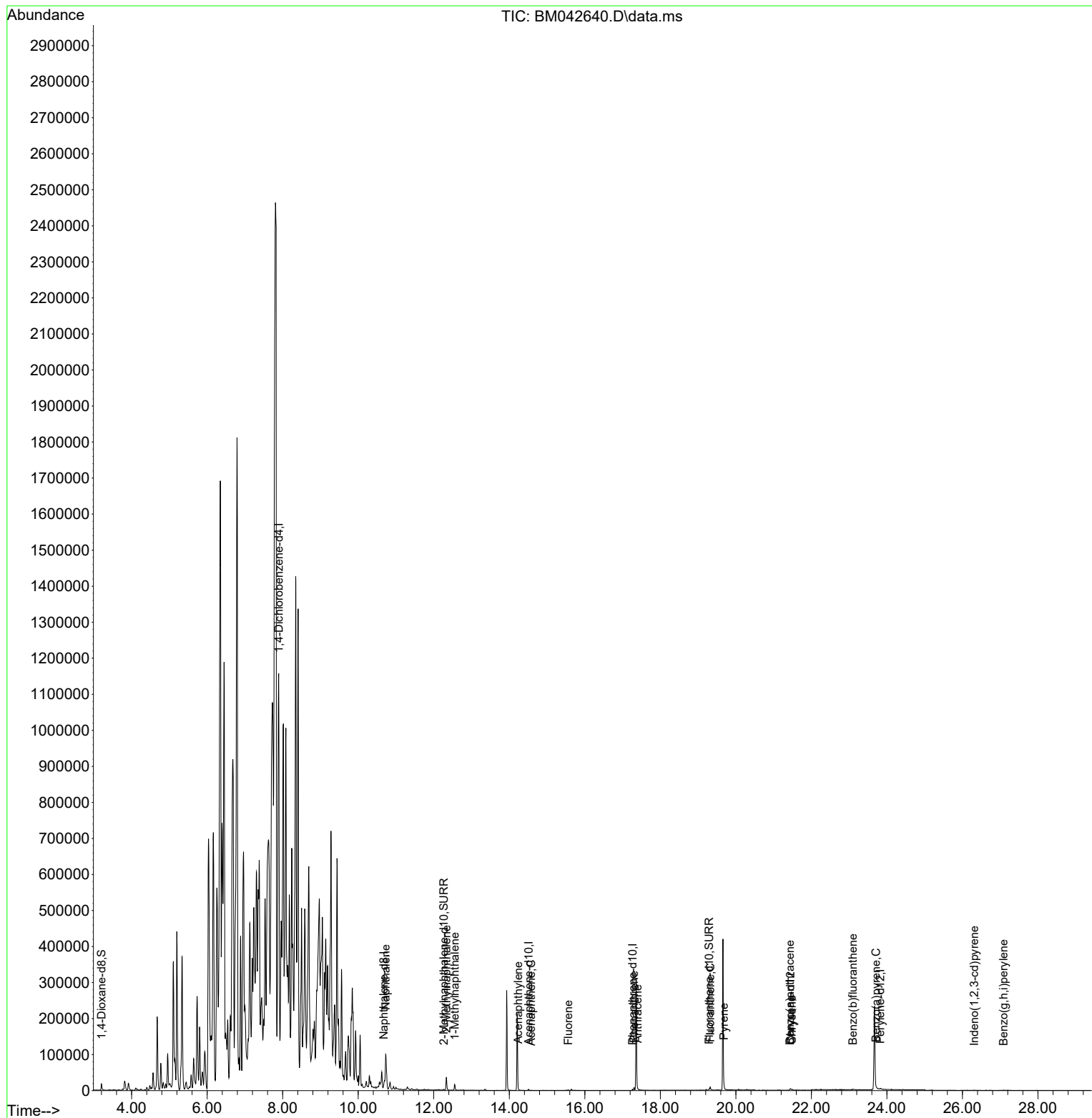
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	6267	0.400	ng/ul	# 0.03
4) Naphthalene-d8	10.678	136	2703	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.511	164	1665	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.264	188	3833	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	3082	0.400	ng/ul	# 0.00
23) Perylene-d12	23.826	264	4031	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	10836	1.308	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.262	152	1575	0.418	ng/ul	-0.01
18) Fluoranthene-d10	19.290	212	3872	0.363	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.727	128	134407	15.399	ng/ul	95
7) 2-Methylnaphthalene	12.333	142	25471	4.549	ng/ul	99
8) 1-Methylnaphthalene	12.553	142	10881	1.917	ng/ul	99
10) Acenaphthylene	14.238	152	348	0.031	ng/ul#	51
11) Acenaphthene	14.576	153	410	0.053	ng/ul	91
12) Fluorene	15.561	166	986	0.111	ng/ul#	97
15) Phenanthrene	17.306	178	8991	0.605	ng/ul	99
16) Anthracene	17.394	178	943	0.070	ng/ul#	86
19) Fluoranthene	19.323	202	8917	0.463	ng/ul	100
20) Pyrene	19.685	202	9118	0.431	ng/ul	97
21) Benzo(a)anthracene	21.429	228	2934	0.214	ng/ul#	80
22) Chrysene	21.484	228	2525	0.178	ng/ul#	79
24) Benzo(b)fluoranthene	23.095	252	2234	0.137	ng/ul#	24
26) Benzo(a)pyrene	23.715	252	1528	0.091	ng/ul#	51
27) Indeno(1,2,3-cd)pyrene	26.312	276	894	0.041	ng/ul#	49
29) Benzo(g,h,i)perylene	27.087	276	904	0.044	ng/ul#	43

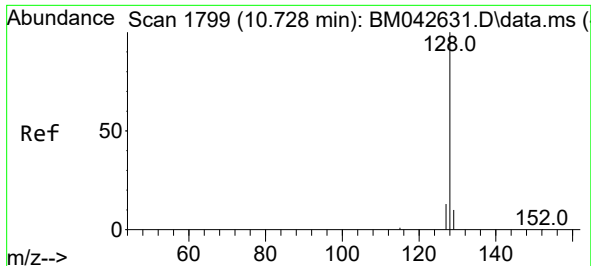
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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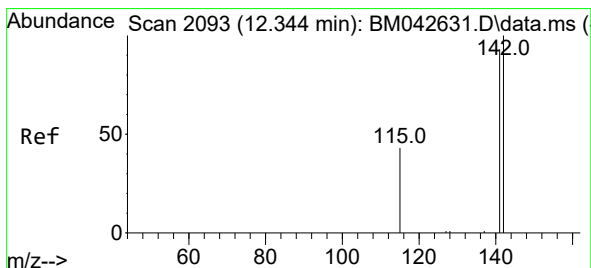
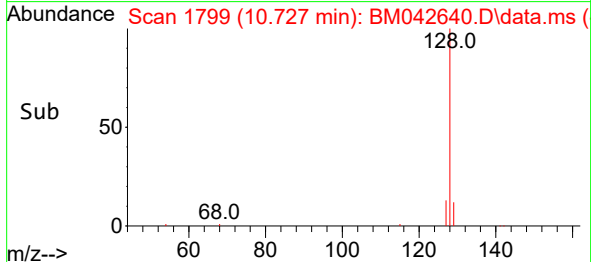
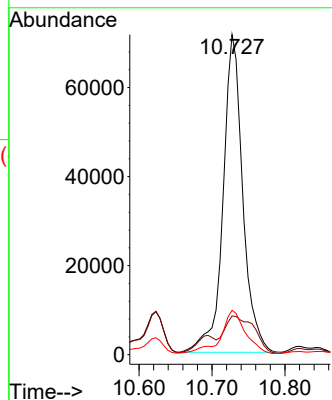
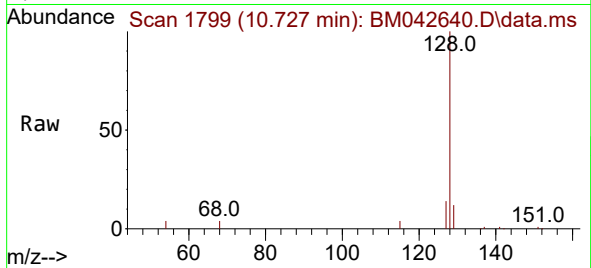




#5
Naphthalene
Concen: 15.399 ng/ul
RT: 10.727 min Scan# 11
Delta R.T. -0.008 min
Lab File: BM042640.D
Acq: 08 Nov 2023 08:33

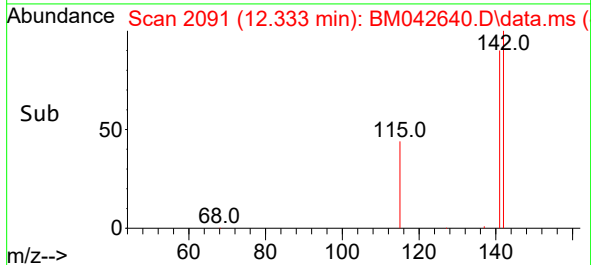
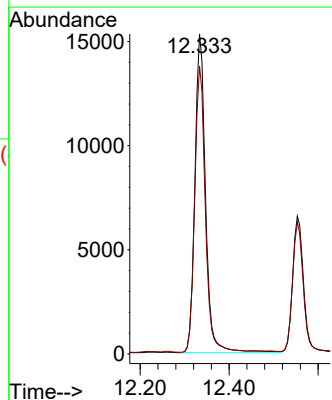
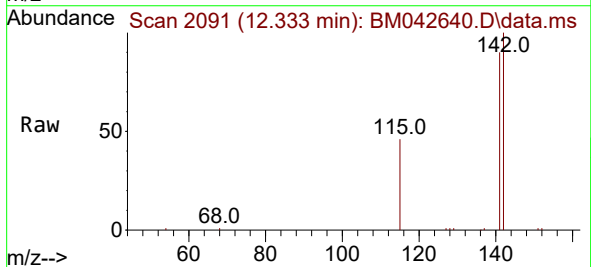
Instrument :
BNA_M
ClientSampleId :
C0AH6

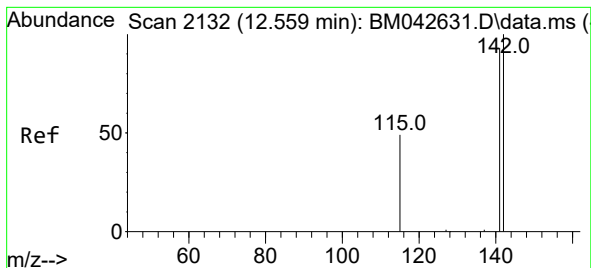
Tgt Ion:128 Resp: 134407
Ion Ratio Lower Upper
128 100
129 12.1 11.3 16.9
127 13.9 13.0 19.4



#7
2-Methylnaphthalene
Concen: 4.549 ng/ul
RT: 12.333 min Scan# 2091
Delta R.T. -0.013 min
Lab File: BM042640.D
Acq: 08 Nov 2023 08:33

Tgt Ion:142 Resp: 25471
Ion Ratio Lower Upper
142 100
141 90.4 71.7 107.5





#8

1-Methylnaphthalene

Concen: 1.917 ng/ul

RT: 12.553 min Scan# 2132

Delta R.T. -0.013 min

Lab File: BM042640.D

Acq: 08 Nov 2023 08:33

Instrument :

BNA_M

ClientSampleId :

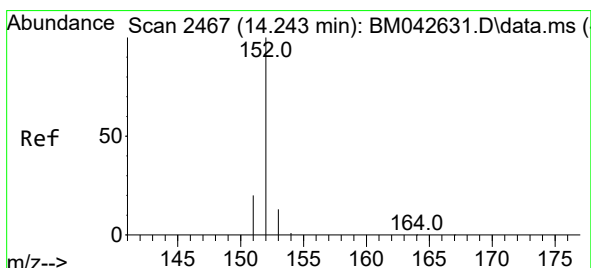
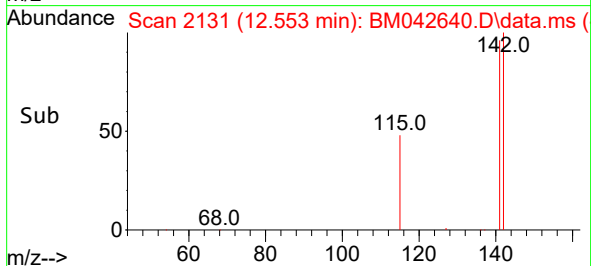
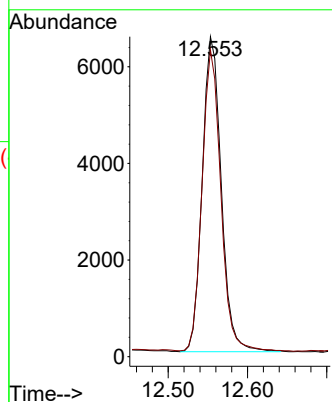
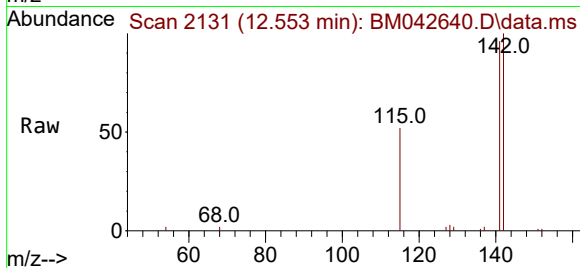
C0AH6

Tgt Ion:142 Resp: 10881

Ion Ratio Lower Upper

142 100

141 93.6 75.4 113.2



#10

Acenaphthylene

Concen: 0.031 ng/ul

RT: 14.238 min Scan# 2466

Delta R.T. -0.007 min

Lab File: BM042640.D

Acq: 08 Nov 2023 08:33

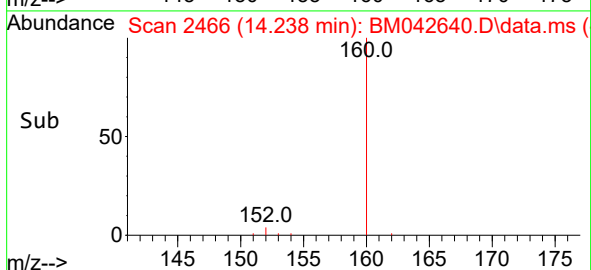
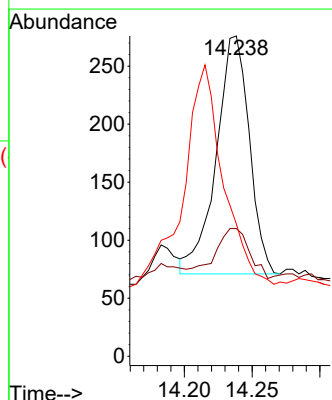
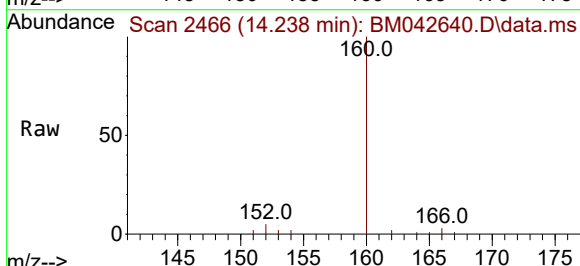
Tgt Ion:152 Resp: 348

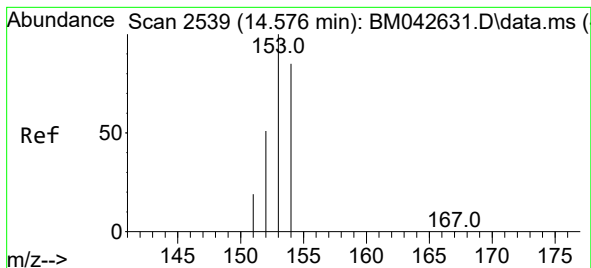
Ion Ratio Lower Upper

152 100

151 39.9 17.2 25.8#

153 41.3 11.8 17.8#





#11

Acenaphthene

Concen: 0.053 ng/ul

RT: 14.576 min Scan# 2

Delta R.T. -0.002 min

Lab File: BM042640.D

Acq: 08 Nov 2023 08:33

Instrument :

BNA_M

ClientSampleId :

C0AH6

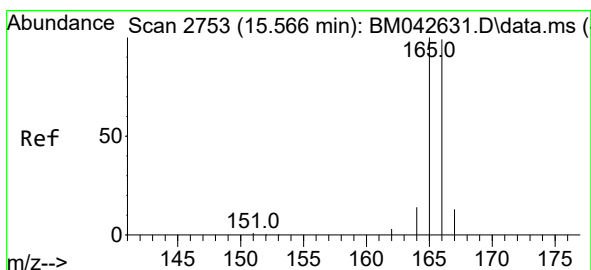
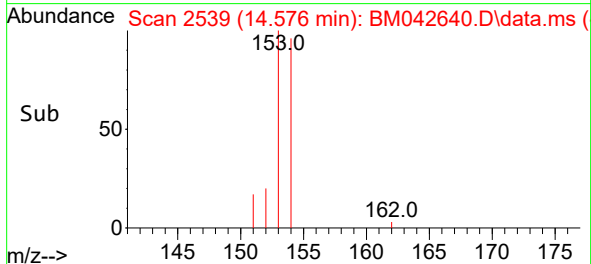
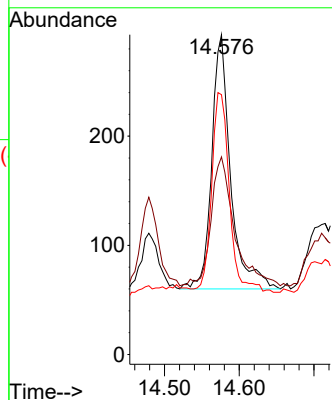
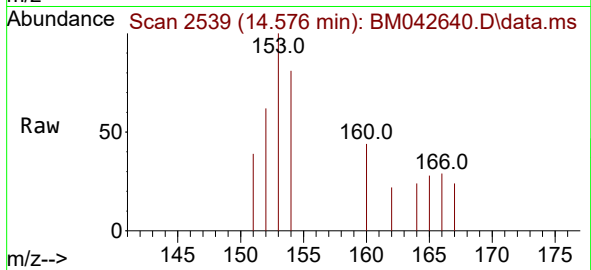
Tgt Ion:153 Resp: 410

Ion Ratio Lower Upper

153 100

152 61.8 41.8 62.6

154 81.2 69.2 103.8



#12

Fluorene

Concen: 0.111 ng/ul

RT: 15.561 min Scan# 2752

Delta R.T. -0.007 min

Lab File: BM042640.D

Acq: 08 Nov 2023 08:33

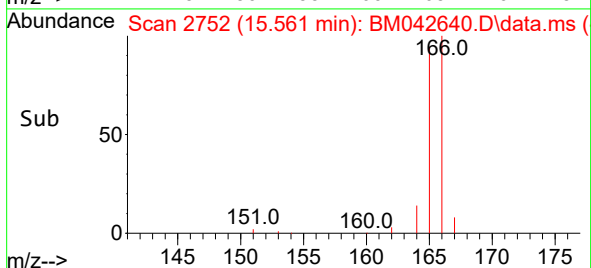
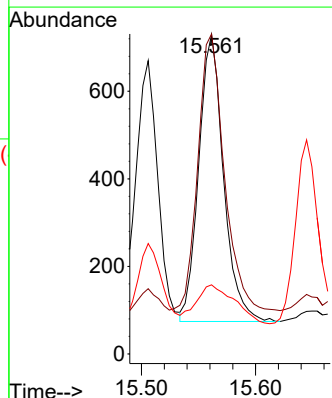
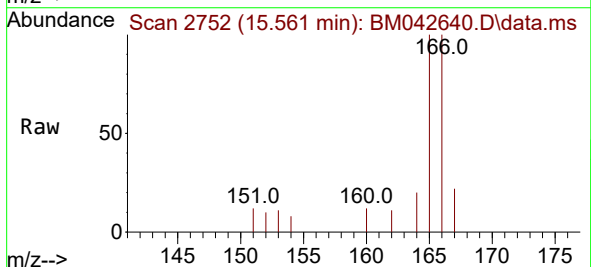
Tgt Ion:166 Resp: 986

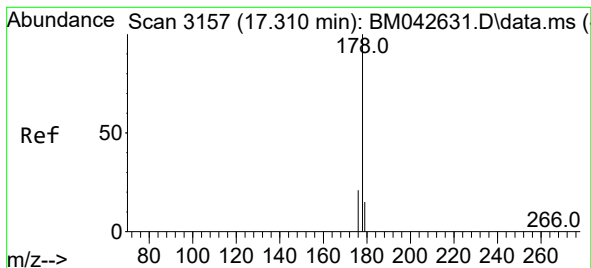
Ion Ratio Lower Upper

166 100

165 100.1 81.2 121.8

167 21.6 11.9 17.9#





#15

Phenanthrene

Concen: 0.605 ng/ul

RT: 17.306 min Scan# 3156

Delta R.T. -0.006 min

Lab File: BM042640.D

Acq: 08 Nov 2023 08:33

Instrument :

BNA_M

ClientSampleId :

C0AH6

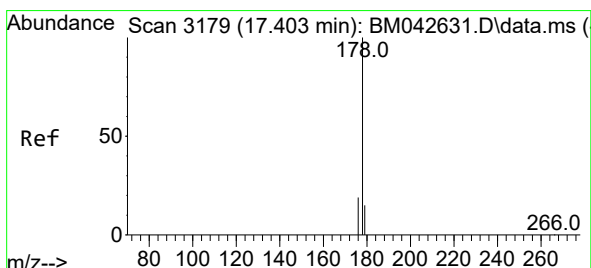
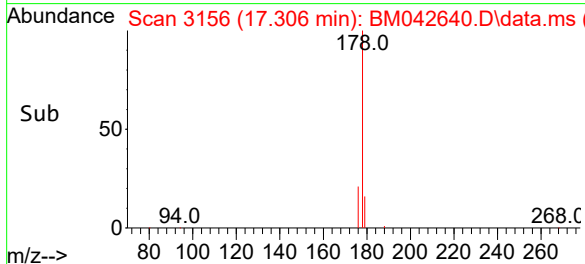
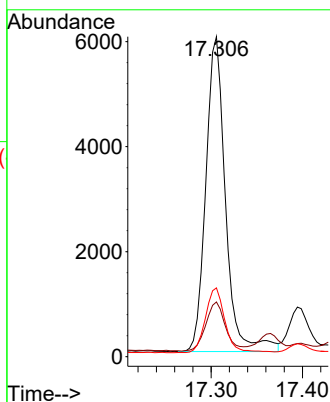
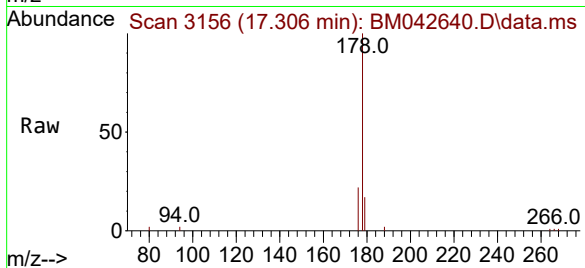
Tgt Ion:178 Resp: 8991

Ion Ratio Lower Upper

178 100

179 17.1 13.7 20.5

176 21.5 18.2 27.2



#16

Anthracene

Concen: 0.070 ng/ul

RT: 17.394 min Scan# 3177

Delta R.T. -0.014 min

Lab File: BM042640.D

Acq: 08 Nov 2023 08:33

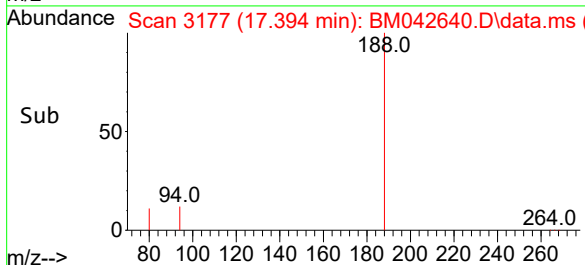
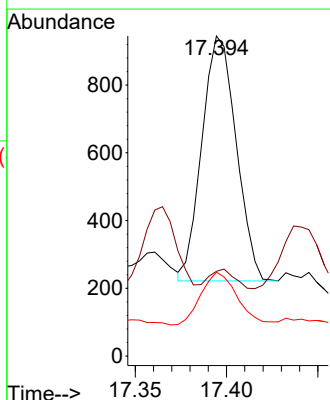
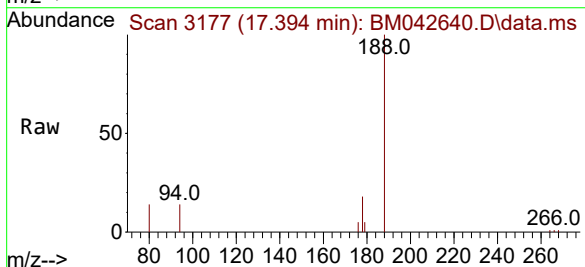
Tgt Ion:178 Resp: 943

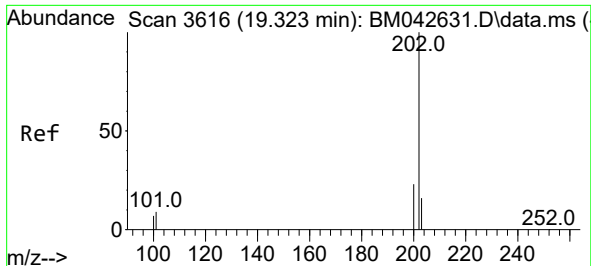
Ion Ratio Lower Upper

178 100

179 26.5 14.2 21.4#

176 26.2 17.6 26.4

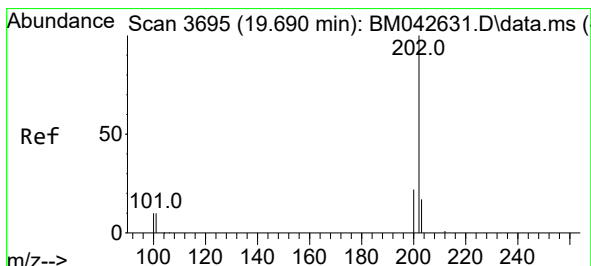
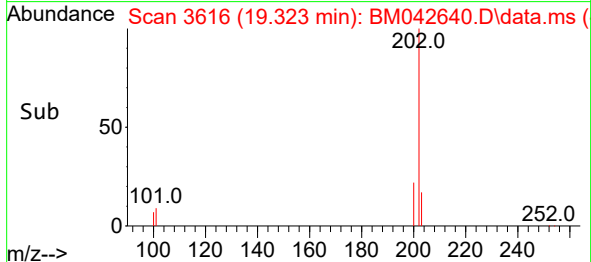
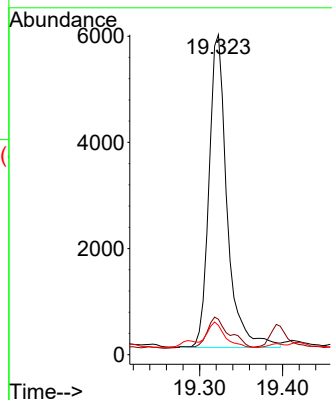
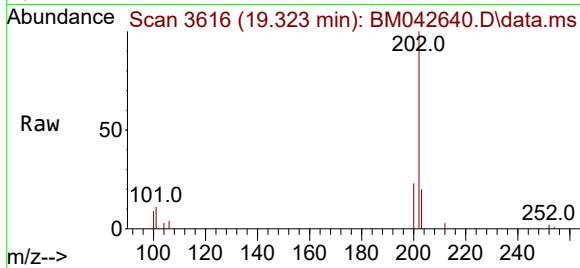




#19
Fluoranthene
Concen: 0.463 ng/ul
RT: 19.323 min Scan# 3616
Delta R.T. -0.006 min
Lab File: BM042640.D
Acq: 08 Nov 2023 08:33

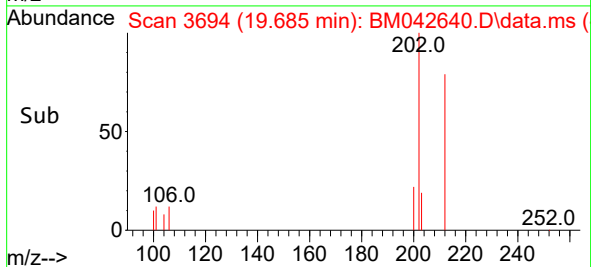
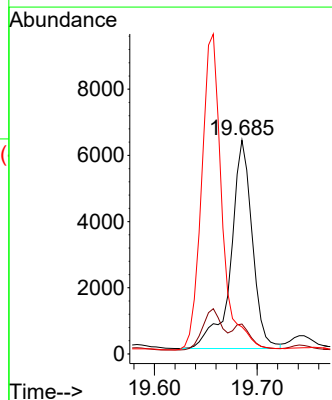
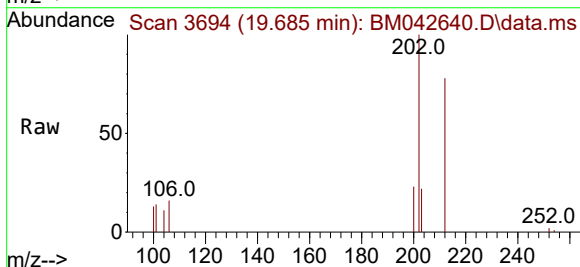
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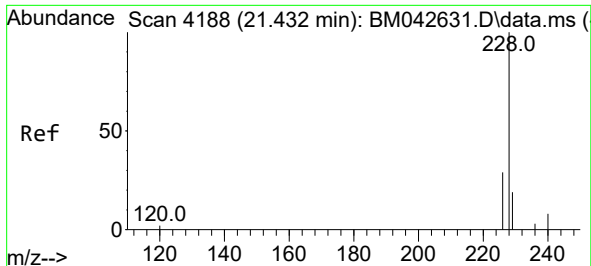
Tgt Ion:202 Resp: 8917
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.6
100 9.2 7.3 10.9



#20
Pyrene
Concen: 0.431 ng/ul
RT: 19.685 min Scan# 3694
Delta R.T. -0.011 min
Lab File: BM042640.D
Acq: 08 Nov 2023 08:33

Tgt Ion:202 Resp: 9118
Ion Ratio Lower Upper
202 100
101 14.0 10.6 16.0
100 12.7 8.6 13.0

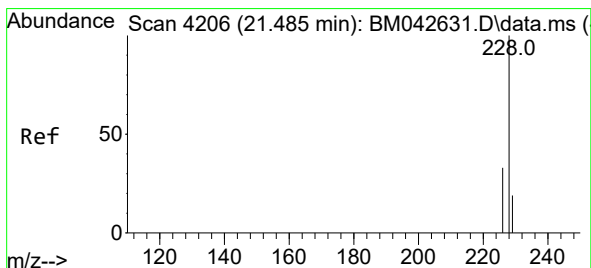
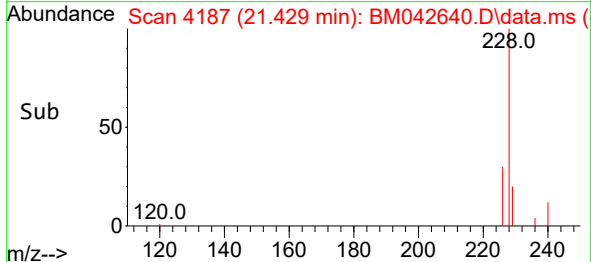
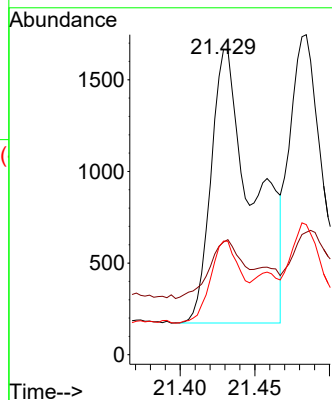
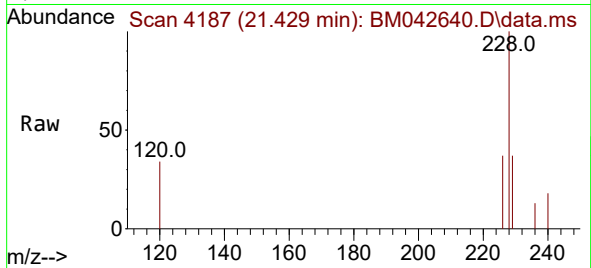




#21
Benzo(a)anthracene
Concen: 0.214 ng/ul
RT: 21.429 min Scan# 4188
Delta R.T. -0.008 min
Lab File: BM042640.D
Acq: 08 Nov 2023 08:33

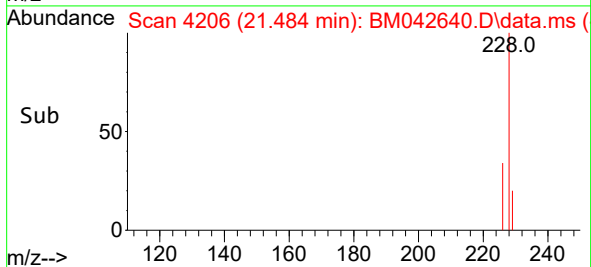
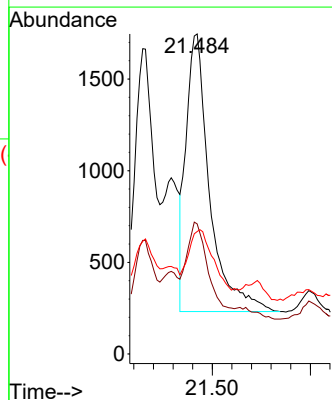
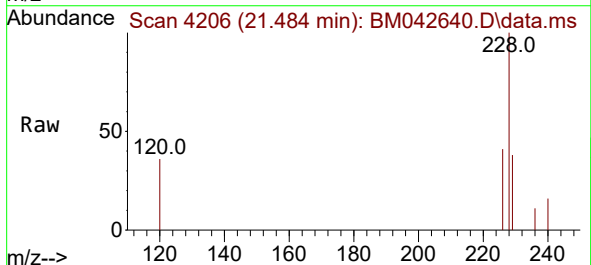
Instrument :
BNA_M
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C0AH6

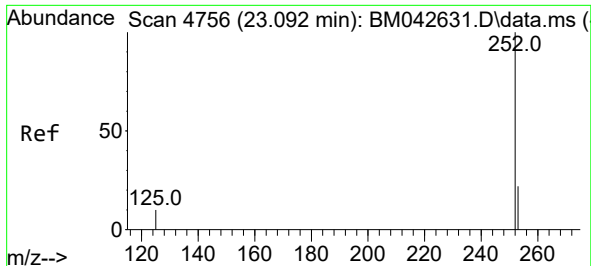
Tgt Ion:228 Resp: 2934
Ion Ratio Lower Upper
228 100
229 36.9 17.0 25.4#
226 37.2 25.2 37.8



#22
Chrysene
Concen: 0.178 ng/ul
RT: 21.484 min Scan# 4206
Delta R.T. -0.008 min
Lab File: BM042640.D
Acq: 08 Nov 2023 08:33

Tgt Ion:228 Resp: 2525
Ion Ratio Lower Upper
228 100
226 40.7 27.4 41.0
229 38.3 17.0 25.6#

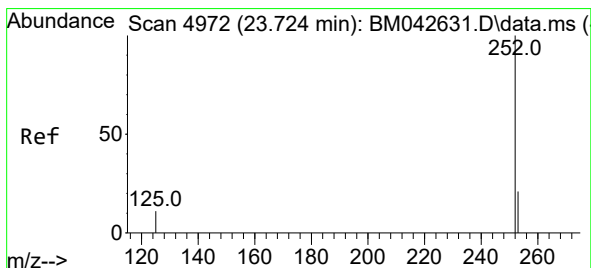
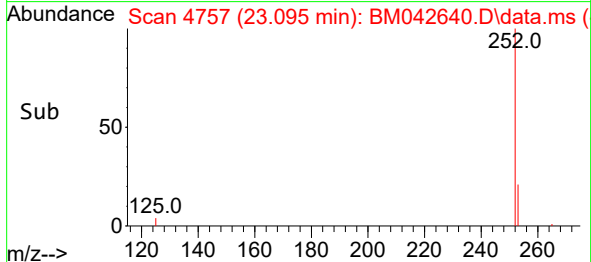
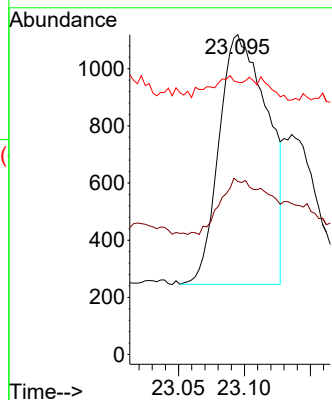
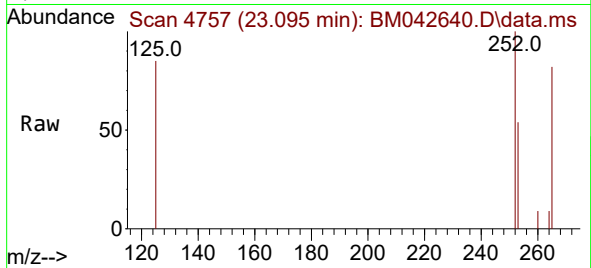




#24
Benzo(b)fluoranthene
Concen: 0.137 ng/ul
RT: 23.095 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM042640.D
Acq: 08 Nov 2023 08:33

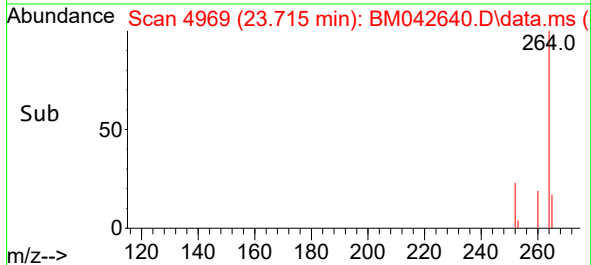
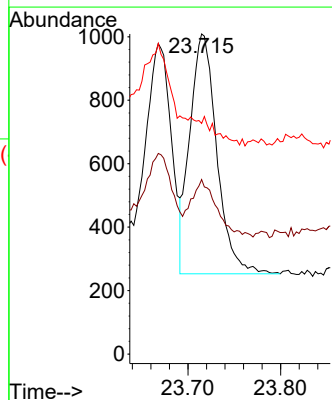
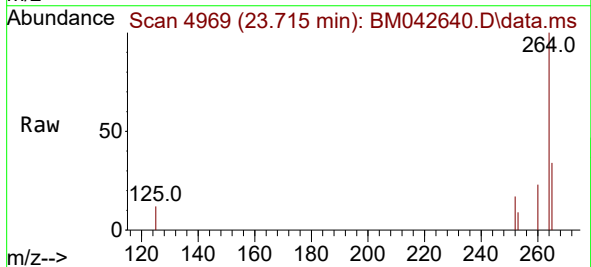
Instrument :
BNA_M
ClientSampleId :
C0AH6

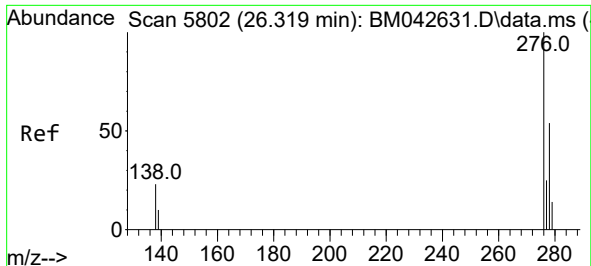
Tgt Ion:252 Resp: 2234
Ion Ratio Lower Upper
252 100
253 54.2 0.0 65.8
125 85.2 0.0 43.6#



#26
Benzo(a)pyrene
Concen: 0.091 ng/ul
RT: 23.715 min Scan# 4969
Delta R.T. -0.019 min
Lab File: BM042640.D
Acq: 08 Nov 2023 08:33

Tgt Ion:252 Resp: 1528
Ion Ratio Lower Upper
252 100
253 54.5 31.7 47.5#
125 72.1 22.1 33.1#

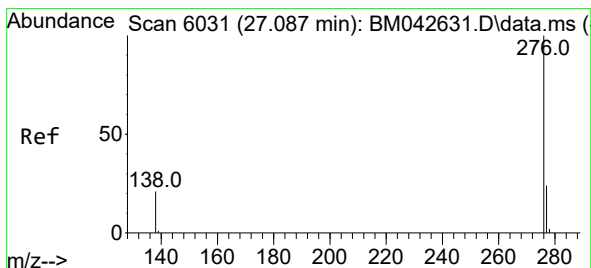
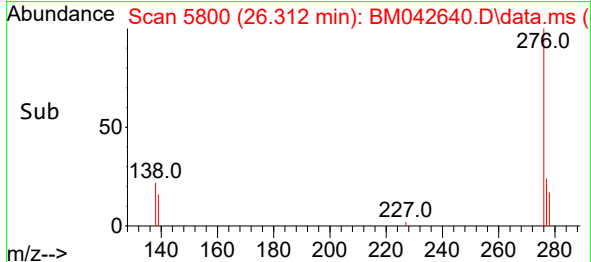
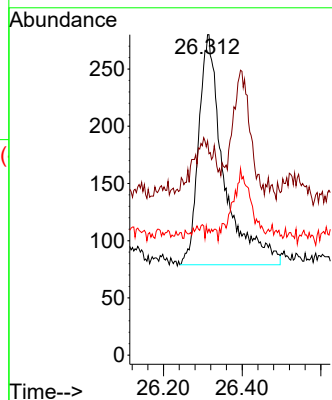
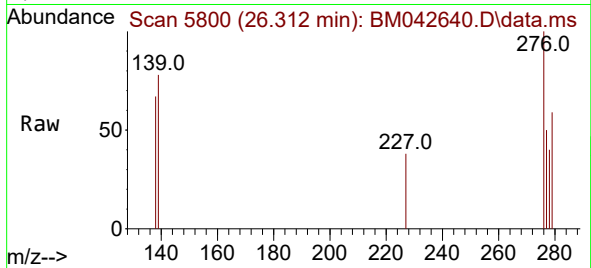




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.041 ng/ul
RT: 26.312 min Scan# 5800
Delta R.T. -0.016 min
Lab File: BM042640.D
Acq: 08 Nov 2023 08:33

Instrument :
BNA_M
ClientSampleId :
C0AH6

Tgt Ion:276 Resp: 894
Ion Ratio Lower Upper
276 100
138 0.0 20.7 31.1#
227 1.9 0.1 0.1#



#29
Benzo(g,h,i)perylene
Concen: 0.044 ng/ul
RT: 27.087 min Scan# 6031
Delta R.T. -0.019 min
Lab File: BM042640.D
Acq: 08 Nov 2023 08:33

Tgt Ion:276 Resp: 904
Ion Ratio Lower Upper
276 100
138 69.4 22.3 33.5#
277 48.8 23.6 35.4#

