

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020124\
 Data File : BM043960.D
 Acq On : 01 Feb 2024 23:41
 Operator : MA/JU
 Sample : PB158662BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS662

Quant Time: Feb 02 00:20:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 22:50:05 2024
 Response via : Initial Calibration

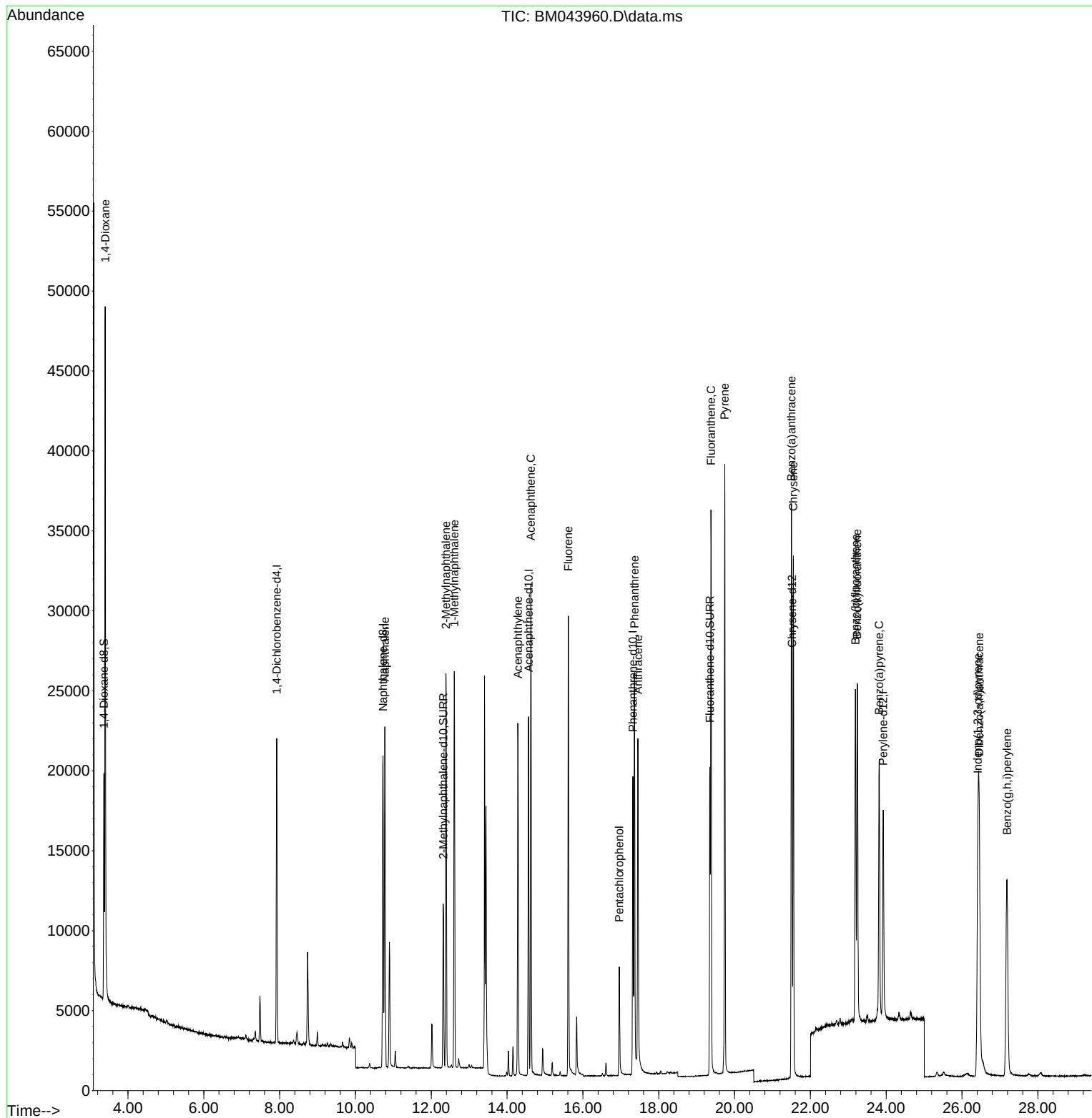
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	9370	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	26455	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.566	164	12064	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	23473	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	16910	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	18798	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	8735	0.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	13476	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	21582	0.406	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	27094	2.142	ng/ul#	85
5) Naphthalene	10.776	128	29384	0.387	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	17519	0.387	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	16820	0.375	ng/ul	100
10) Acenaphthylene	14.284	152	25096	0.383	ng/ul	99
11) Acenaphthene	14.626	153	17372	0.383	ng/ul	99
12) Fluorene	15.616	166	18655	0.375	ng/ul	99
14) Pentachlorophenol	16.959	266	4994	0.899	ng/ul	97
15) Phenanthrene	17.360	178	27903	0.390	ng/ul	99
16) Anthracene	17.453	178	27394	0.404	ng/ul	99
19) Fluoranthene	19.378	202	31040	0.399	ng/ul	97
20) Pyrene	19.740	202	32007	0.400	ng/ul	98
21) Benzo(a)anthracene	21.497	228	28305	0.401	ng/ul	100
22) Chrysene	21.552	228	29580	0.400	ng/ul	99
24) Benzo(b)fluoranthene	23.189	252	28956	0.403	ng/ul	99
25) Benzo(k)fluoranthene	23.236	252	30330	0.405	ng/ul	98
26) Benzo(a)pyrene	23.815	252	26554	0.406	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.417	276	34065	0.404	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.454	278	27212	0.405	ng/ul	99
29) Benzo(g,h,i)perylene	27.185	276	29328	0.403	ng/ul	99

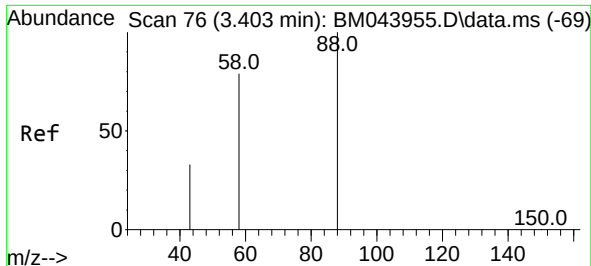
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 22:50:05 2024
Response via : Initial Calibration

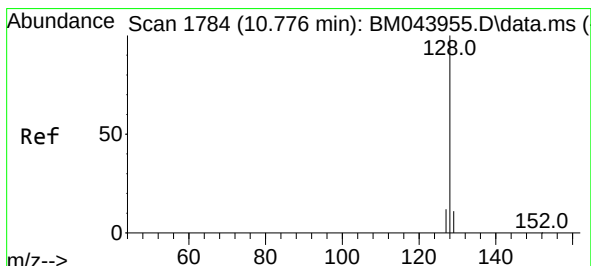
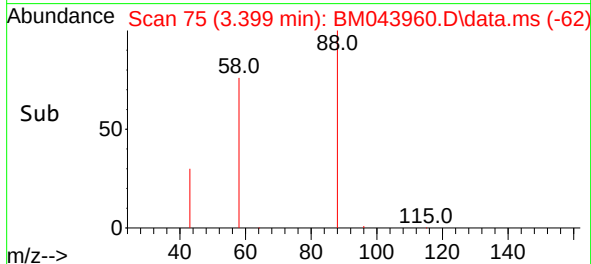
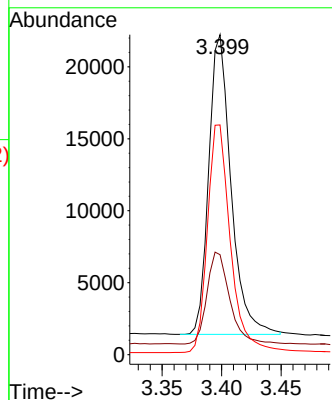
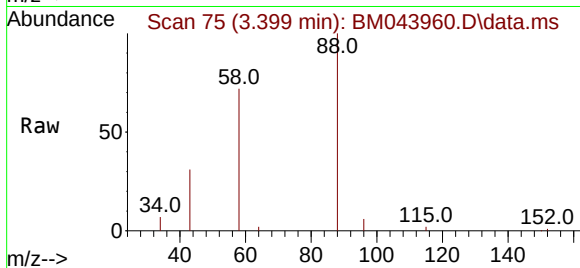




#2
1,4-Dioxane
Concen: 2.142 ng/ul
RT: 3.399 min Scan# 76
Delta R.T. -0.004 min
Lab File: BM043960.D
Acq: 01 Feb 2024 23:41

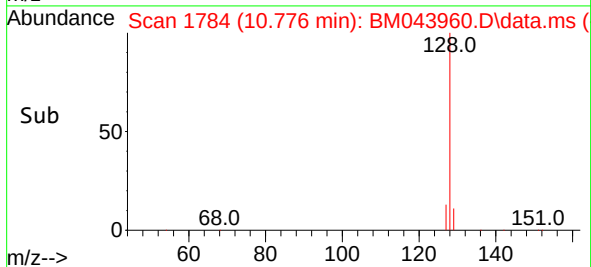
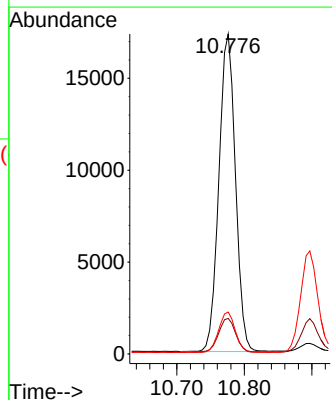
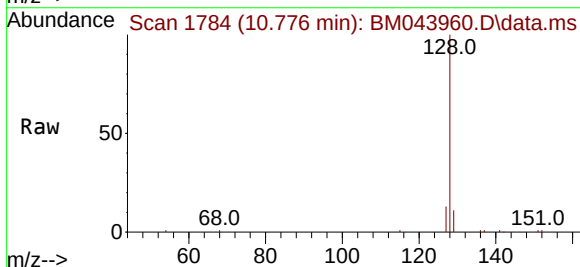
Instrument :
BNA_M
ClientSampleId :
SLCS662

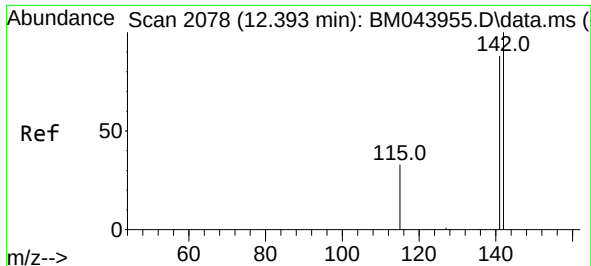
Tgt Ion: 88 Resp: 27094
Ion Ratio Lower Upper
88 100
43 31.3 27.1 40.7
58 71.8 44.6 67.0#



#5
Naphthalene
Concen: 0.387 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM043960.D
Acq: 01 Feb 2024 23:41

Tgt Ion: 128 Resp: 29384
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.1 10.3 15.5

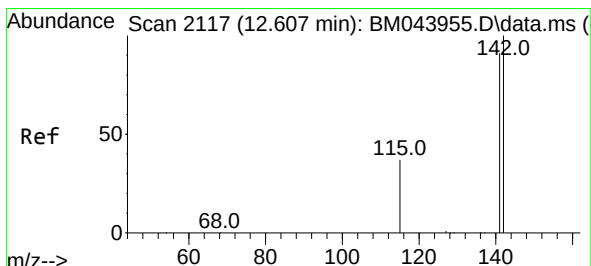
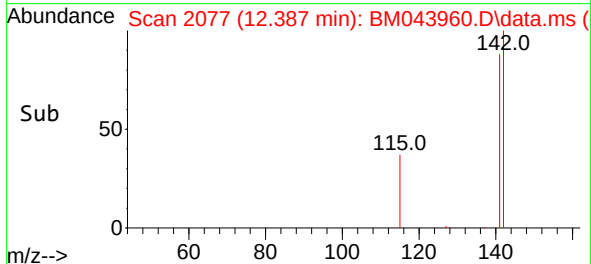
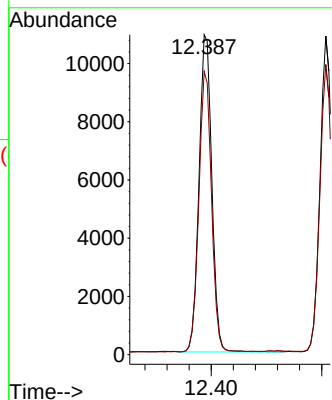
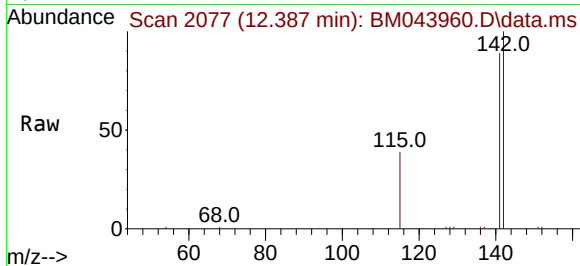




#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM043960.D
Acq: 01 Feb 2024 23:41

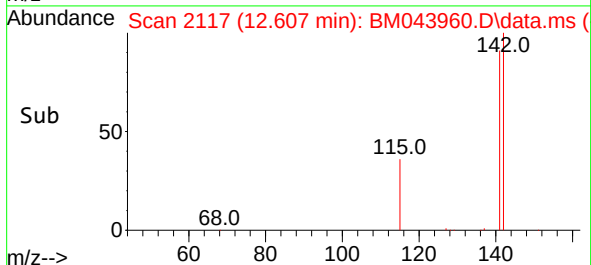
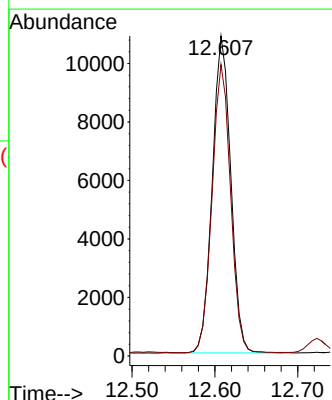
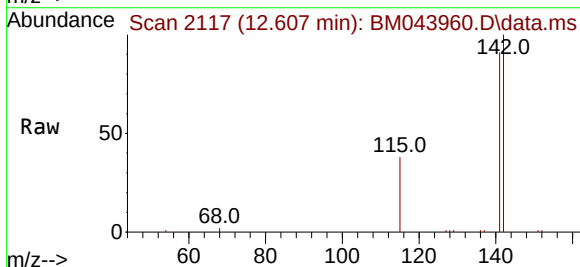
Instrument :
BNA_M
ClientSampleId :
SLCS662

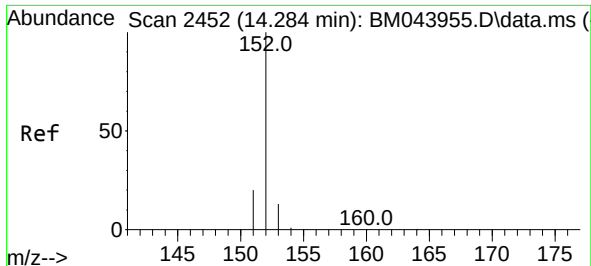
Tgt Ion:142 Resp: 17519
Ion Ratio Lower Upper
142 100
141 87.8 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM043960.D
Acq: 01 Feb 2024 23:41

Tgt Ion:142 Resp: 16820
Ion Ratio Lower Upper
142 100
141 91.0 72.9 109.3

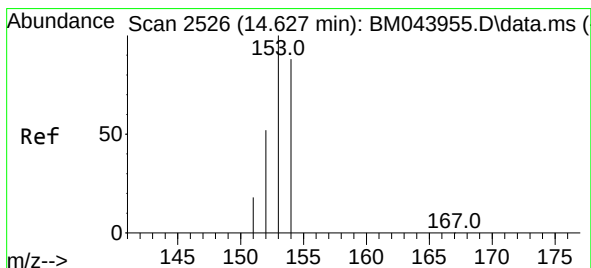
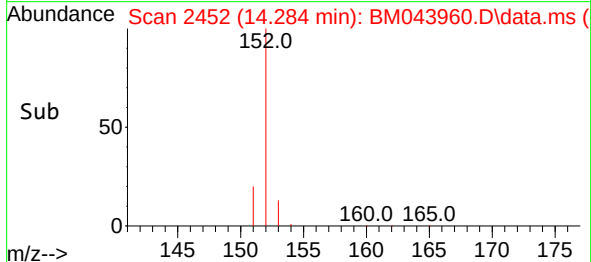
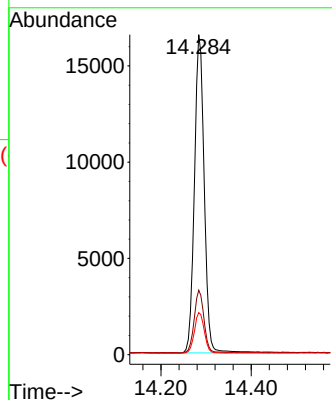
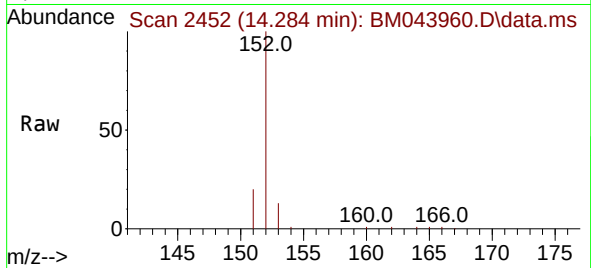




#10
Acenaphthylene
Concen: 0.383 ng/ul
RT: 14.284 min Scan# 2452
Delta R.T. -0.005 min
Lab File: BM043960.D
Acq: 01 Feb 2024 23:41

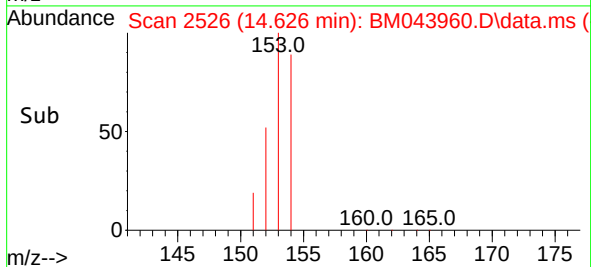
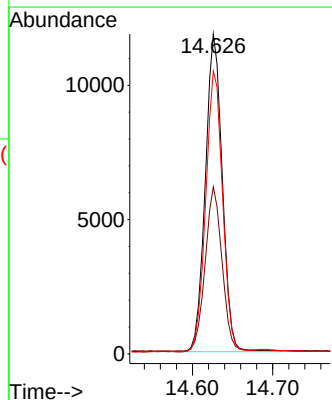
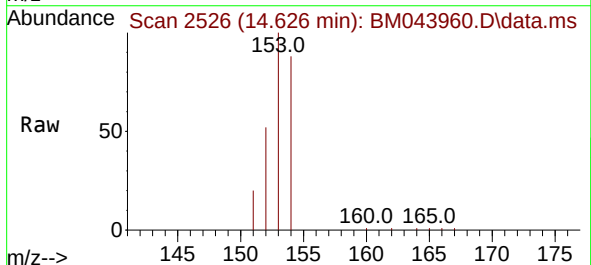
Instrument :
BNA_M
ClientSampleId :
SLCS662

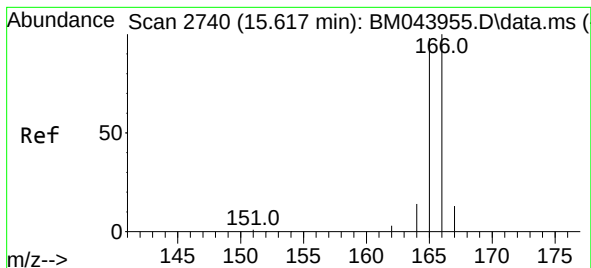
Tgt Ion:152 Resp: 25096
Ion Ratio Lower Upper
152 100
151 20.1 15.6 23.4
153 13.1 10.9 16.3



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.626 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BM043960.D
Acq: 01 Feb 2024 23:41

Tgt Ion:153 Resp: 17372
Ion Ratio Lower Upper
153 100
152 52.2 41.8 62.8
154 88.4 69.8 104.8





#12

Fluorene

Concen: 0.375 ng/ul

RT: 15.616 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM043960.D

Acq: 01 Feb 2024 23:41

Instrument :

BNA_M

ClientSampleId :

SLCS662

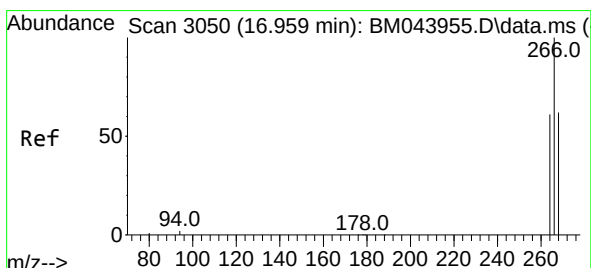
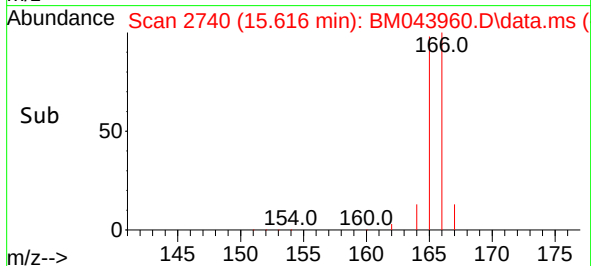
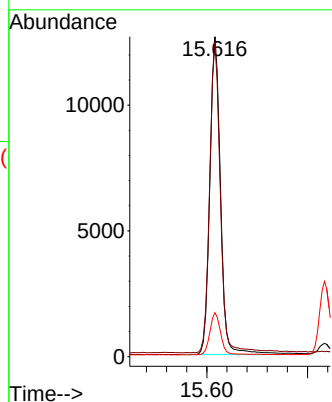
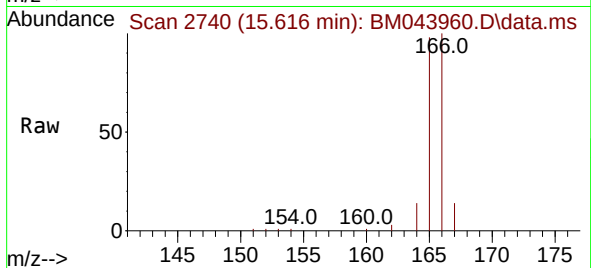
Tgt Ion:166 Resp: 18655

Ion Ratio Lower Upper

166 100

165 98.3 79.5 119.3

167 13.8 10.9 16.3



#14

Pentachlorophenol

Concen: 0.899 ng/ul

RT: 16.959 min Scan# 3050

Delta R.T. 0.000 min

Lab File: BM043960.D

Acq: 01 Feb 2024 23:41

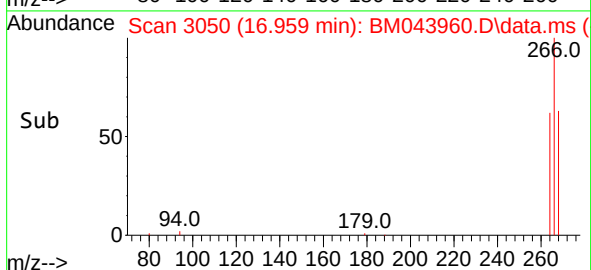
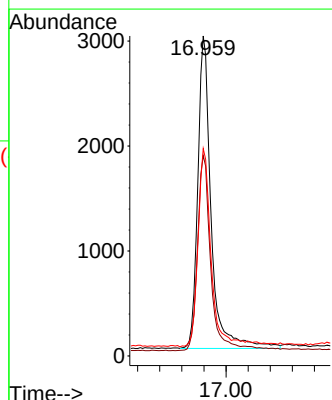
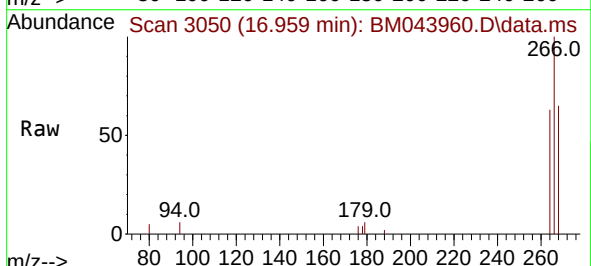
Tgt Ion:266 Resp: 4994

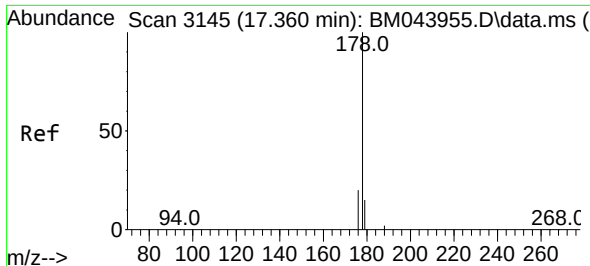
Ion Ratio Lower Upper

266 100

264 63.5 51.3 76.9

268 65.0 54.7 82.1

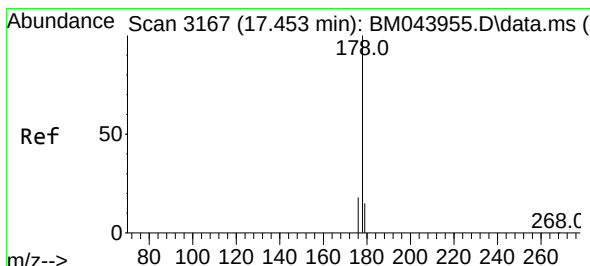
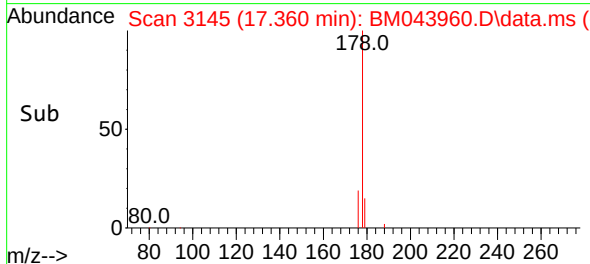
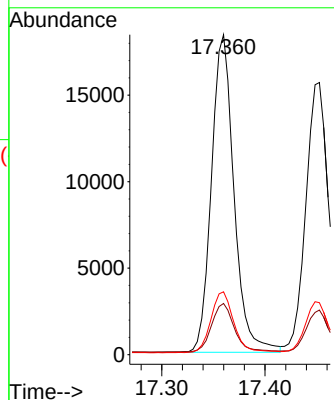
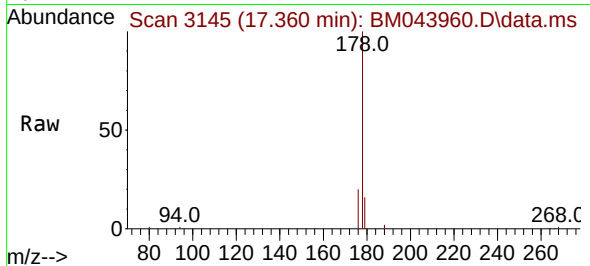




#15
 Phenanthrene
 Concen: 0.390 ng/ul
 RT: 17.360 min Scan# 3145
 Delta R.T. -0.000 min
 Lab File: BM043960.D
 Acq: 01 Feb 2024 23:41

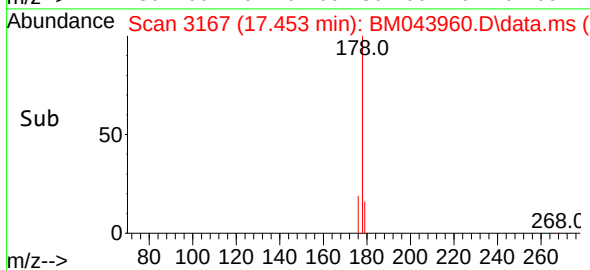
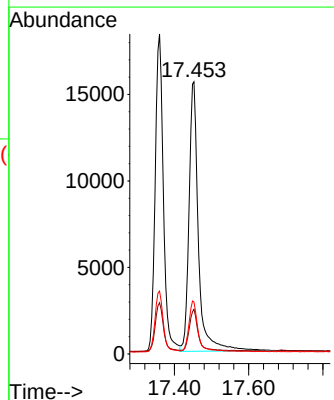
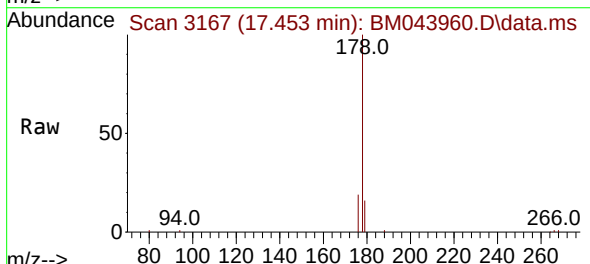
Instrument :
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 ClientSampleId :
 SLCS662

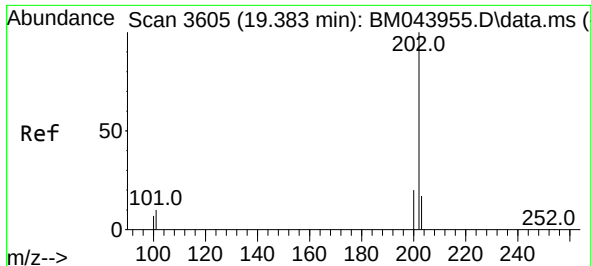
Tgt Ion:178 Resp: 27903
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.5 18.7
 176 19.7 15.6 23.4



#16
 Anthracene
 Concen: 0.404 ng/ul
 RT: 17.453 min Scan# 3167
 Delta R.T. 0.000 min
 Lab File: BM043960.D
 Acq: 01 Feb 2024 23:41

Tgt Ion:178 Resp: 27394
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.6 18.8
 176 19.1 15.4 23.0

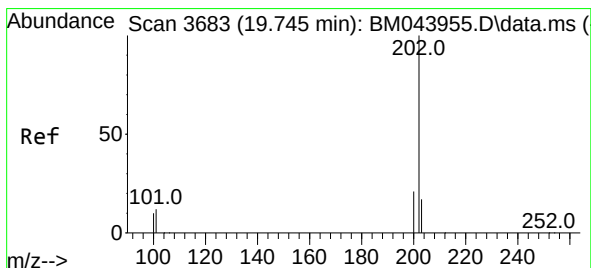
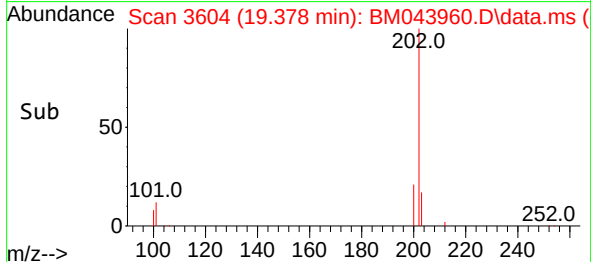
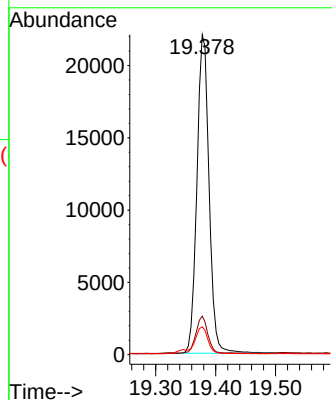
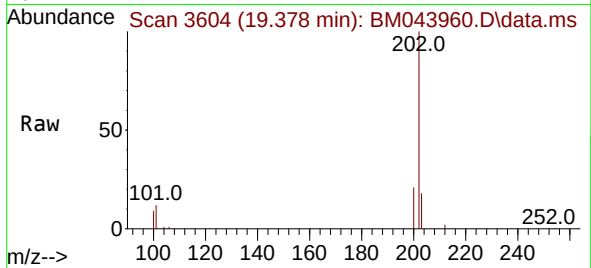




#19
Fluoranthene
Concen: 0.399 ng/ul
RT: 19.378 min Scan# 3604
Delta R.T. -0.005 min
Lab File: BM043960.D
Acq: 01 Feb 2024 23:41

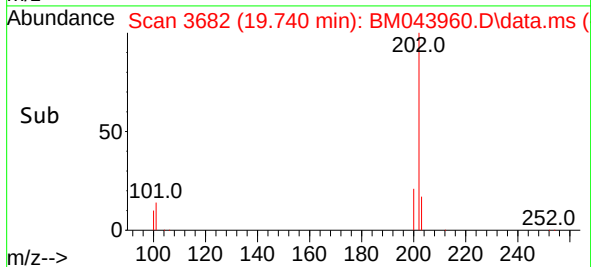
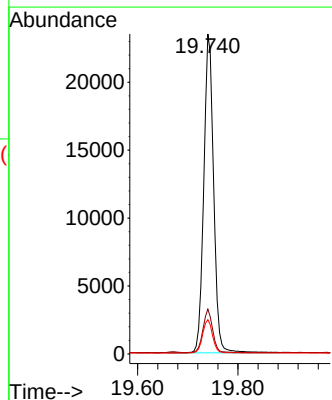
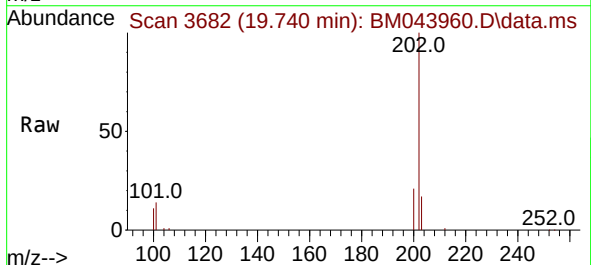
Instrument :
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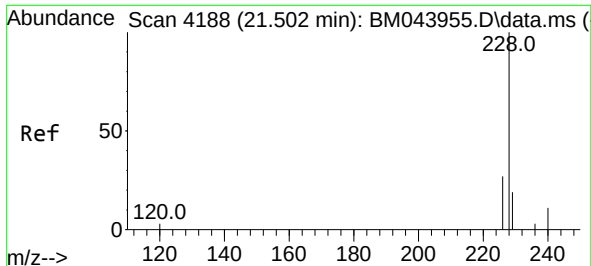
Tgt Ion:202 Resp: 31040
Ion Ratio Lower Upper
202 100
101 12.0 8.6 13.0
100 8.7 6.4 9.6



#20
Pyrene
Concen: 0.400 ng/ul
RT: 19.740 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BM043960.D
Acq: 01 Feb 2024 23:41

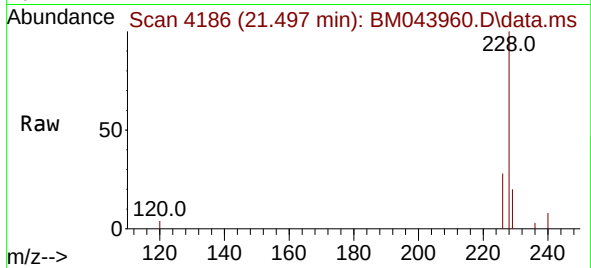
Tgt Ion:202 Resp: 32007
Ion Ratio Lower Upper
202 100
101 14.0 10.3 15.5
100 10.7 8.1 12.1



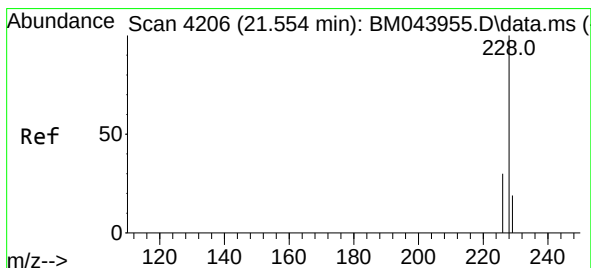
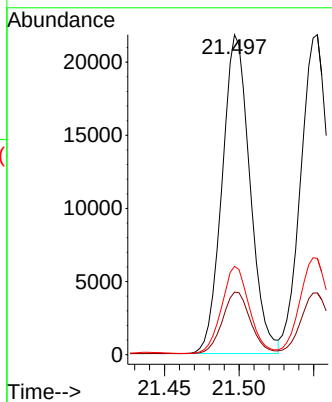
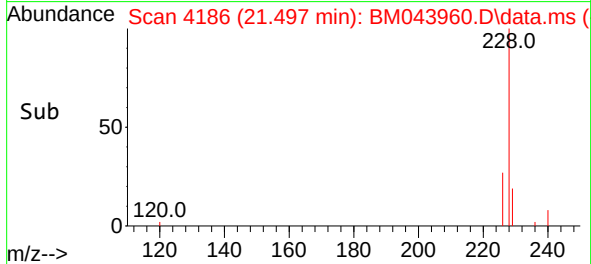


#21
Benzo(a)anthracene
Concen: 0.401 ng/u1
RT: 21.497 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BM043960.D
Acq: 01 Feb 2024 23:41

Instrument :
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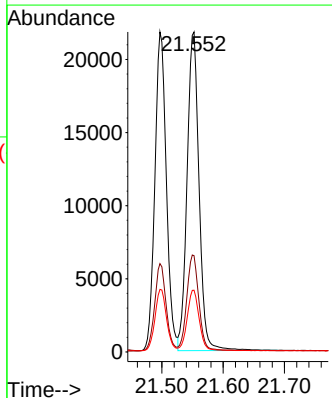
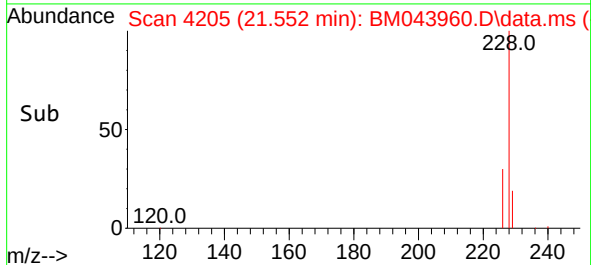
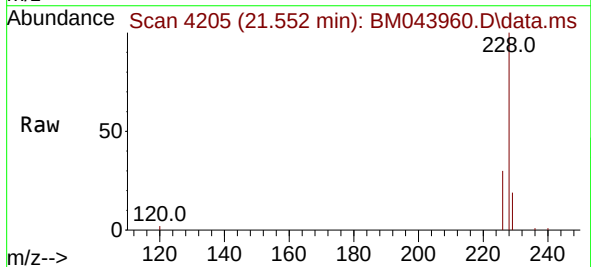


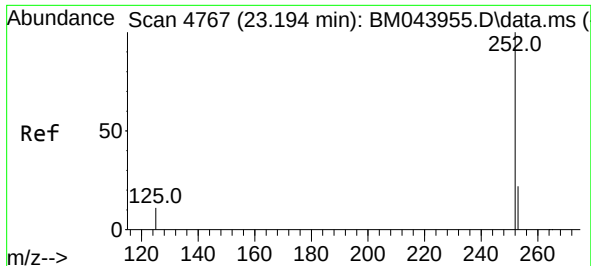
Tgt Ion:228 Resp: 28305
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 27.6 22.3 33.5



#22
Chrysene
Concen: 0.400 ng/u1
RT: 21.552 min Scan# 4205
Delta R.T. 0.000 min
Lab File: BM043960.D
Acq: 01 Feb 2024 23:41

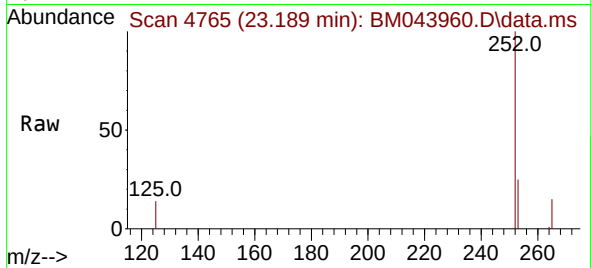
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Ion Ratio Lower Upper
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226 30.1 24.4 36.6
229 19.3 15.5 23.3



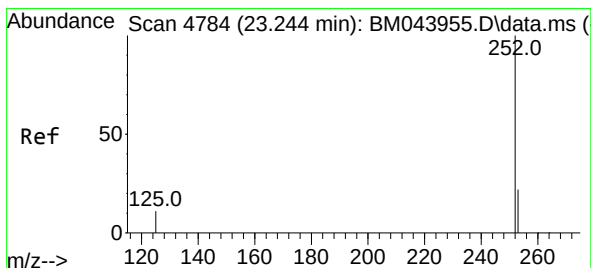
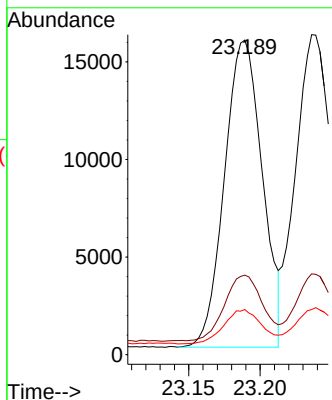


#24
Benzo(b)fluoranthene
Concen: 0.403 ng/ul
RT: 23.189 min Scan# 4765
Delta R.T. -0.003 min
Lab File: BM043960.D
Acq: 01 Feb 2024 23:41

Instrument :
BNA_M
ClientSampleId :
SLCS662

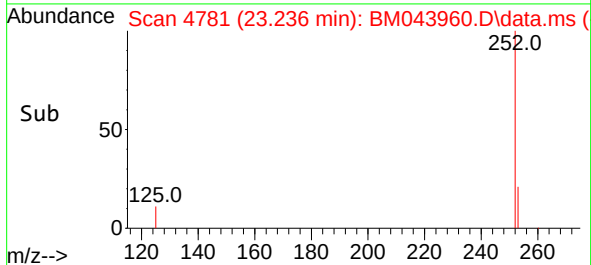
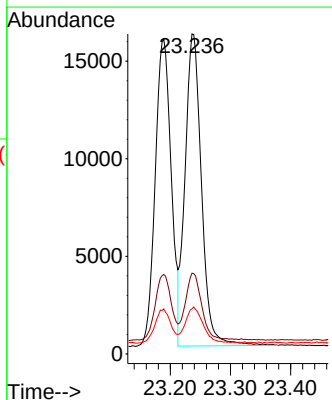
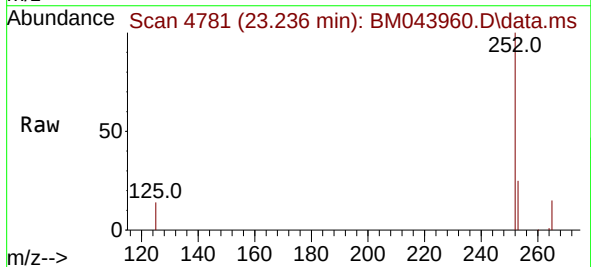


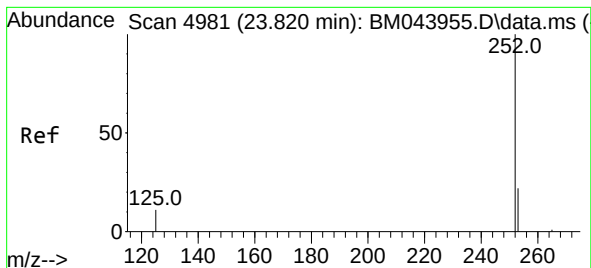
Tgt Ion:252 Resp: 28956
Ion Ratio Lower Upper
252 100
253 25.3 0.0 50.0
125 14.3 0.0 26.4



#25
Benzo(k)fluoranthene
Concen: 0.405 ng/ul
RT: 23.236 min Scan# 4781
Delta R.T. -0.006 min
Lab File: BM043960.D
Acq: 01 Feb 2024 23:41

Tgt Ion:252 Resp: 30330
Ion Ratio Lower Upper
252 100
253 25.3 19.7 29.5
125 14.1 10.6 16.0





#26

Benzo(a)pyrene

Concen: 0.406 ng/ul

RT: 23.815 min Scan# 49

Delta R.T. -0.006 min

Lab File: BM043960.D

Acq: 01 Feb 2024 23:41

Instrument :

BNA_M

ClientSampleId :

SLCS662

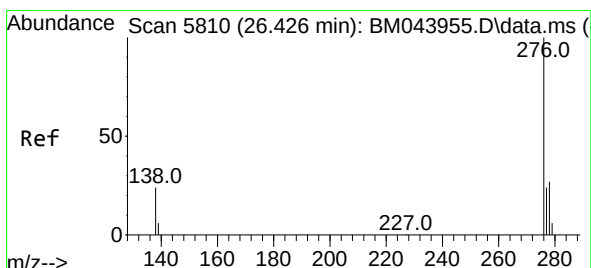
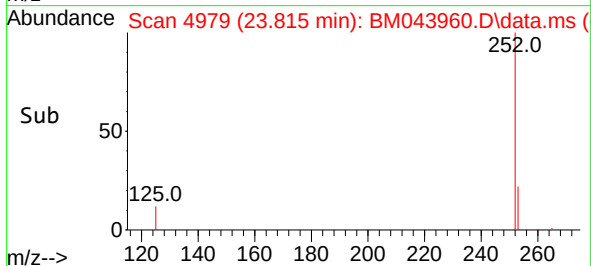
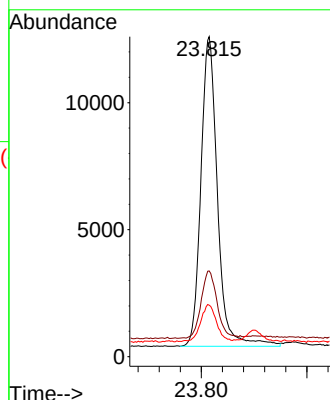
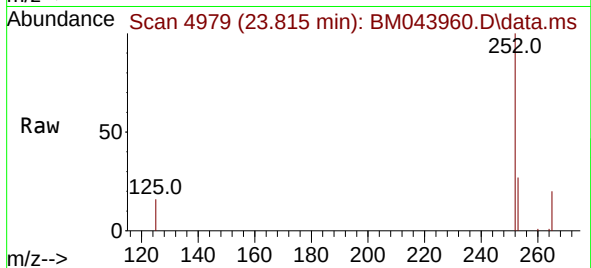
Tgt Ion:252 Resp: 26554

Ion Ratio Lower Upper

252 100

253 26.8 20.6 31.0

125 16.1 12.6 18.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.404 ng/ul

RT: 26.417 min Scan# 5807

Delta R.T. -0.010 min

Lab File: BM043960.D

Acq: 01 Feb 2024 23:41

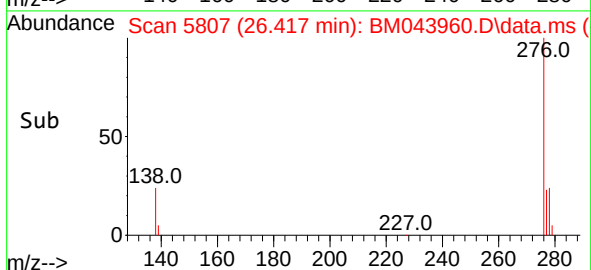
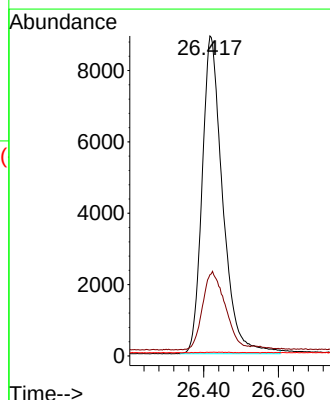
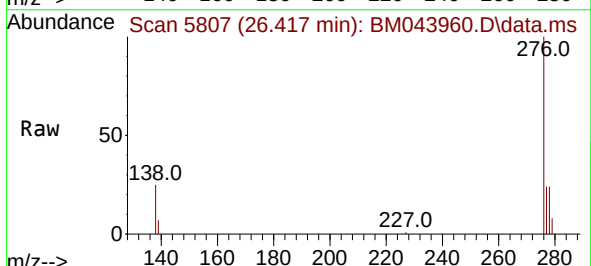
Tgt Ion:276 Resp: 34065

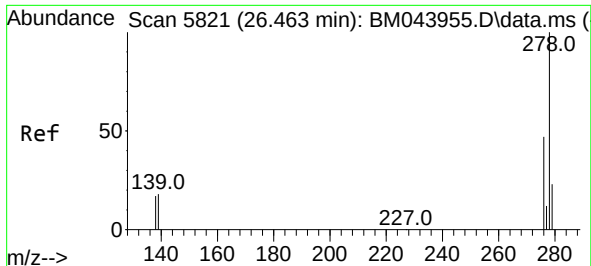
Ion Ratio Lower Upper

276 100

138 28.1 22.2 33.2

227 0.0 0.0 0.0#

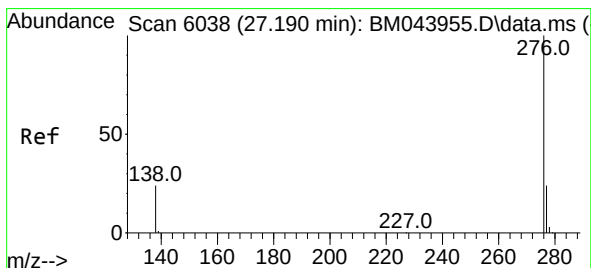
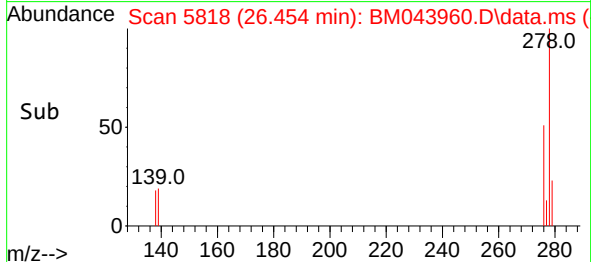
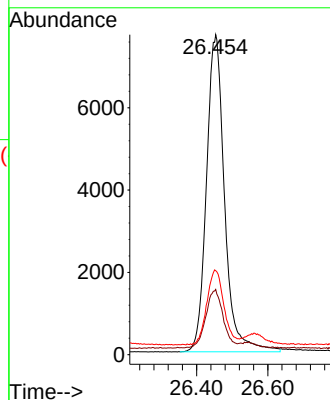
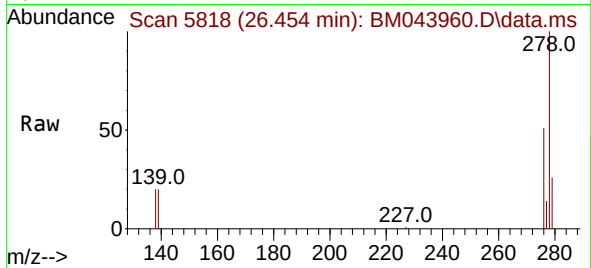




#28
Dibenzo(a,h)anthracene
Concen: 0.405 ng/ul
RT: 26.454 min Scan# 5818
Delta R.T. -0.003 min
Lab File: BM043960.D
Acq: 01 Feb 2024 23:41

Instrument :
BNA_M
ClientSampleId :
SLCS662

Tgt Ion:278 Resp: 27212
Ion Ratio Lower Upper
278 100
139 20.4 16.2 24.2
279 26.2 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.403 ng/ul
RT: 27.185 min Scan# 6036
Delta R.T. -0.007 min
Lab File: BM043960.D
Acq: 01 Feb 2024 23:41

Tgt Ion:276 Resp: 29328
Ion Ratio Lower Upper
276 100
138 25.0 20.2 30.2
277 24.8 19.0 28.4

