

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032024\
 Data File : BM044678.D
 Acq On : 20 Mar 2024 11:47
 Operator : MA/JU
 Sample : PB159669BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS669

Quant Time: Mar 20 12:15:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 10:51:03 2024
 Response via : Initial Calibration

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

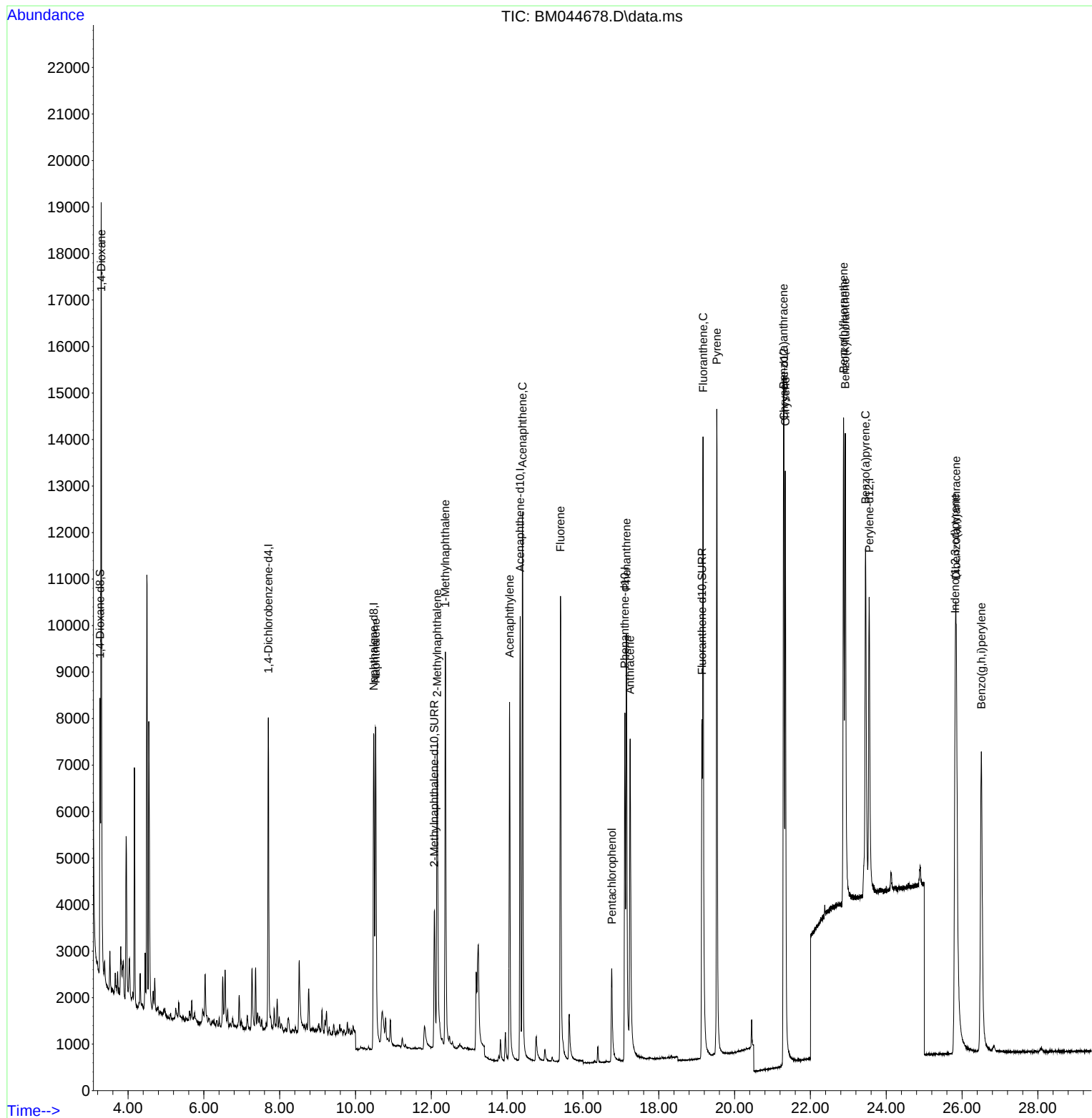
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.702	152	4011	0.400	ng/ul	0.00
4) Naphthalene-d8	10.484	136	12157	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.344	164	5824	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.106	188	11409	0.400	ng/ul	0.00
17) Chrysene-d12	21.304	240	8752	0.400	ng/ul	0.00
23) Perylene-d12	23.552	264	10335	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	3636	0.692	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.079	152	5939	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.140	212	10306	0.335	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	10629	1.978	ng/ul#	67
5) Naphthalene	10.534	128	11790	0.345	ng/ul	99
7) 2-Methylnaphthalene	12.156	142	7130	0.330	ng/ul	99
8) 1-Methylnaphthalene	12.371	142	7224	0.331	ng/ul	99
10) Acenaphthylene	14.066	152	10710	0.362	ng/ul	100
11) Acenaphthene	14.408	153	7722	0.361	ng/ul	100
12) Fluorene	15.408	166	8434	0.345	ng/ul	99
14) Pentachlorophenol	16.760	266	2135	0.776	ng/ul	97
15) Phenanthrene	17.149	178	12663	0.370	ng/ul	98
16) Anthracene	17.246	178	12367	0.385	ng/ul	99
19) Fluoranthene	19.168	202	14324	0.334	ng/ul	98
20) Pyrene	19.531	202	14784	0.337	ng/ul	98
21) Benzo(a)anthracene	21.289	228	12261	0.368	ng/ul	99
22) Chrysene	21.339	228	14899	0.398	ng/ul	99
24) Benzo(b)fluoranthene	22.873	252	14169	0.359	ng/ul	94
25) Benzo(k)fluoranthene	22.920	252	16576	0.388	ng/ul	94
26) Benzo(a)pyrene	23.455	252	13913	0.388	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.820	276	18392	0.446	ng/ul#	47
28) Dibenzo(a,h)anthracene	25.846	278	14486	0.456	ng/ul	99
29) Benzo(g,h,i)perylene	26.511	276	15930	0.440	ng/ul	99

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

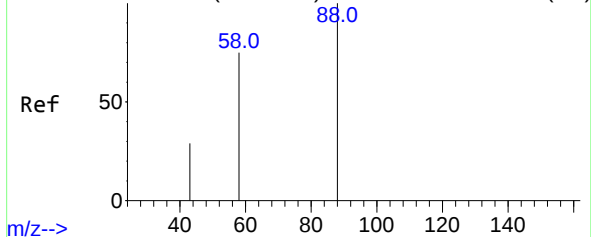
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032024\
Data File : BM044678.D
Acq On : 20 Mar 2024 11:47
Operator : MA/JU
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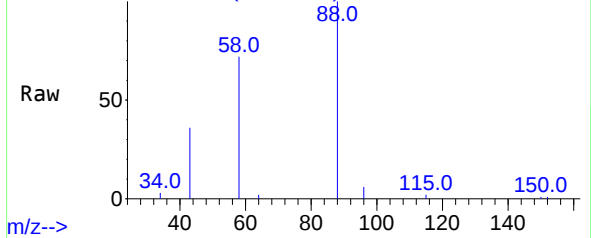
Quant Time: Mar 20 12:15:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 10:51:03 2024
Response via : Initial Calibration



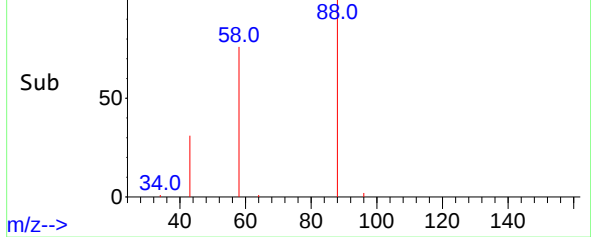
Abundance Scan 50 (3.293 min): BM044675.D\data.ms (-42)



m/z--> Scan 50 (3.293 min): BM044678.D\data.ms

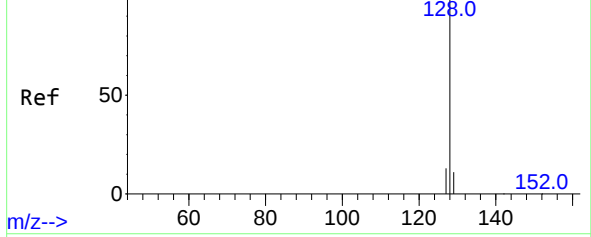


Abundance Scan 50 (3.293 min): BM044678.D\data.ms (-36)

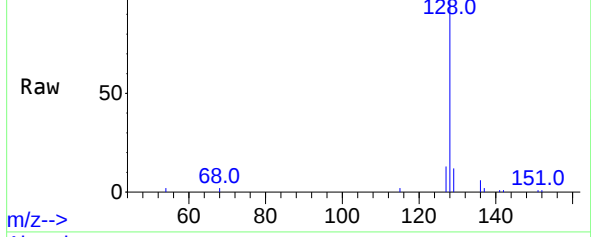


m/z-->

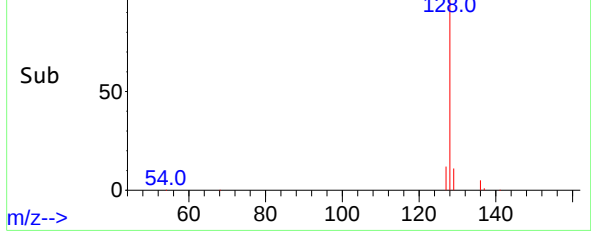
Abundance Scan 1739 (10.528 min): BM044675.D\data.ms (-42)



m/z--> Scan 1740 (10.534 min): BM044678.D\data.ms



Abundance Scan 1740 (10.534 min): BM044678.D\data.ms (-36)



m/z-->

#2

1,4-Dioxane

Concen: 1.978 ng/ul

RT: 3.293 min Scan# 50

Delta R.T. 0.000 min

Lab File: BM044678.D

Acq: 20 Mar 2024 11:47

Instrument :

BNA_M

ClientSampleId :

SLCS669

Tgt Ion: 88 Resp: 10629

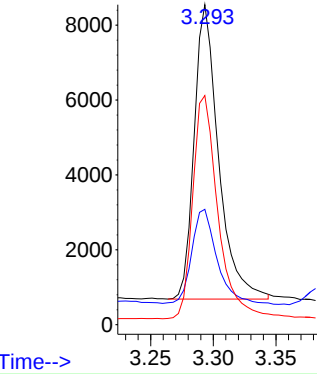
Ion Ratio Lower Upper

88 100

43 36.0 21.4 32.0#

58 71.6 35.6 53.4#

Abundance



Time-->

#5

Naphthalene

Concen: 0.345 ng/ul

RT: 10.534 min Scan# 1740

Delta R.T. 0.005 min

Lab File: BM044678.D

Acq: 20 Mar 2024 11:47

Tgt Ion:128 Resp: 11790

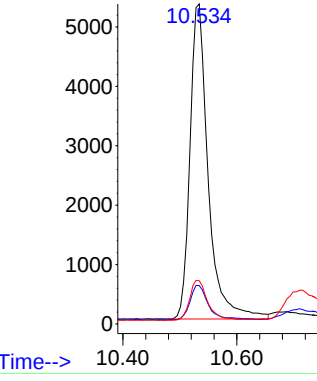
Ion Ratio Lower Upper

128 100

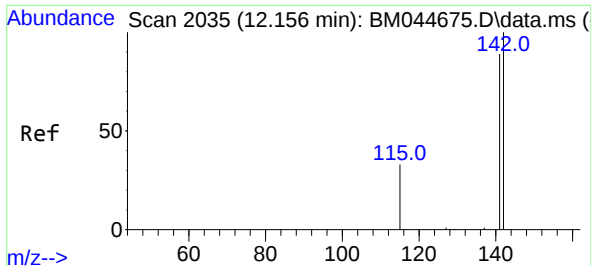
129 12.0 9.2 13.8

127 13.5 10.3 15.5

Abundance



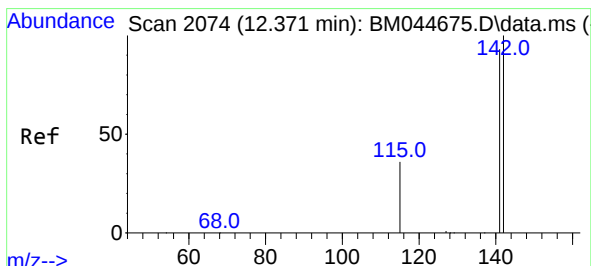
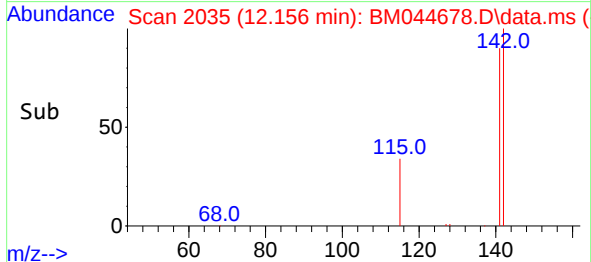
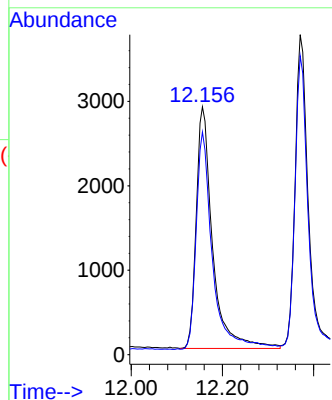
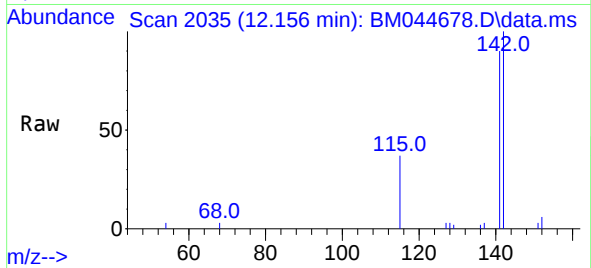
Time-->



#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.156 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

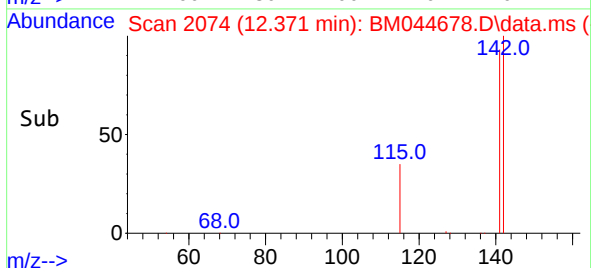
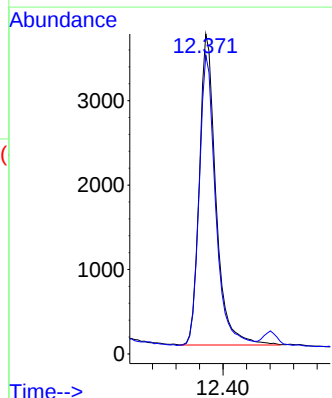
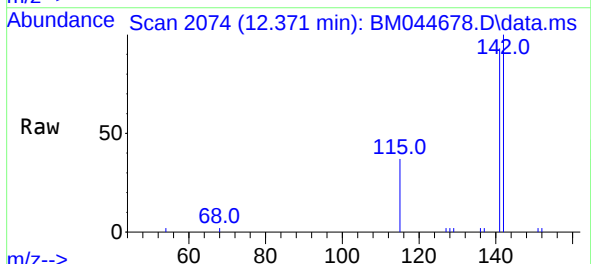
Instrument :
BNA_M
ClientSampleId :
SLCS669

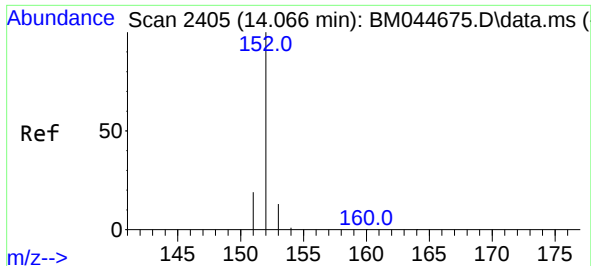
Tgt Ion:142 Resp: 7130
Ion Ratio Lower Upper
142 100
141 90.2 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

Tgt Ion:142 Resp: 7224
Ion Ratio Lower Upper
142 100
141 92.2 73.1 109.7

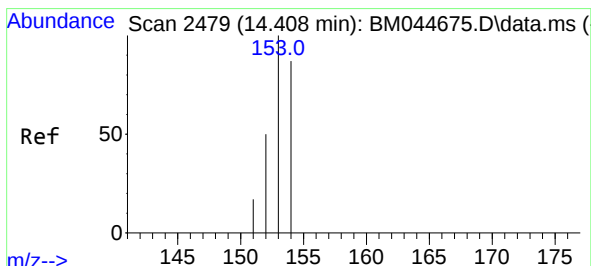
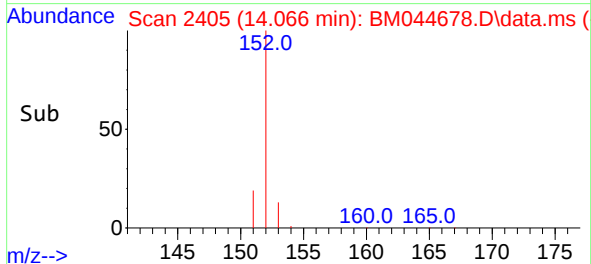
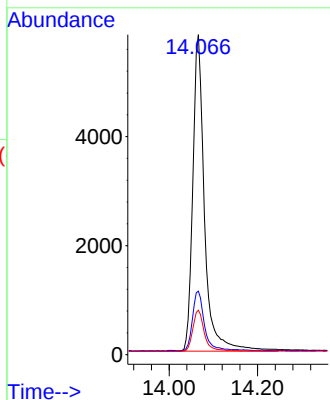
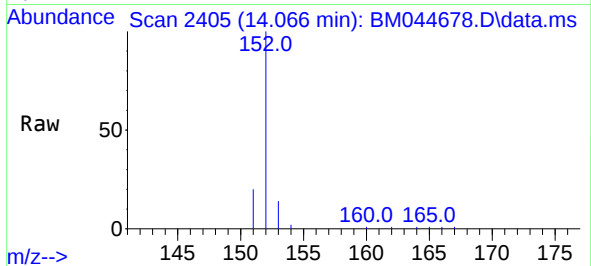




#10
Acenaphthylene
Concen: 0.362 ng/ul
RT: 14.066 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

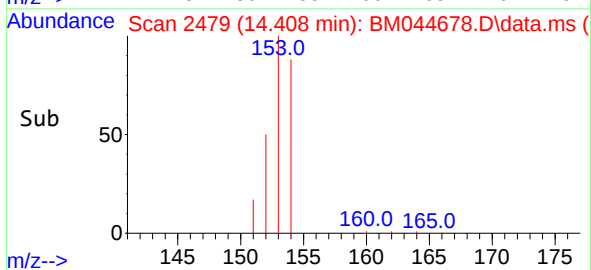
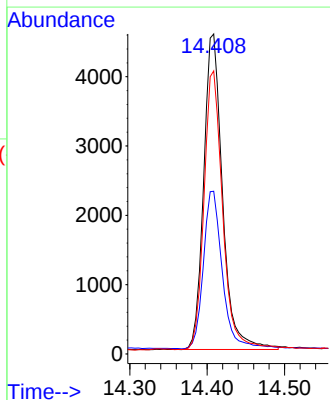
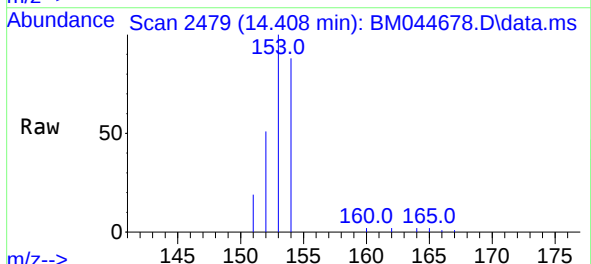
Instrument :
BNA_M
ClientSampleId :
SLCS669

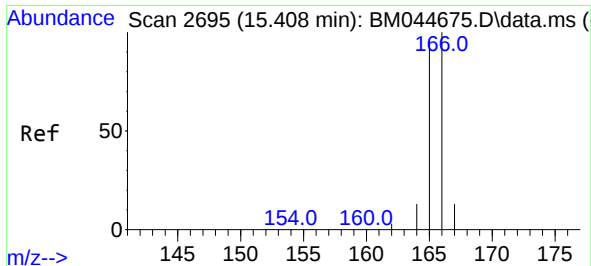
Tgt Ion:	152	Resp:	10710
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.9	10.8	16.2



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.408 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

Tgt Ion:	153	Resp:	7722
Ion	Ratio	Lower	Upper
153	100		
152	50.9	40.7	61.1
154	88.4	70.6	106.0

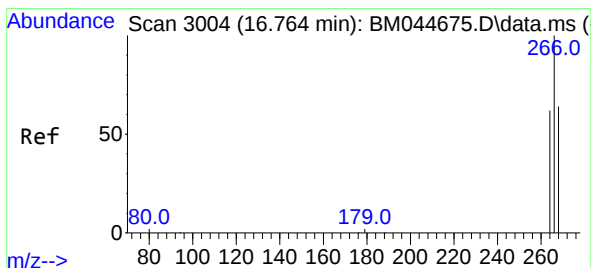
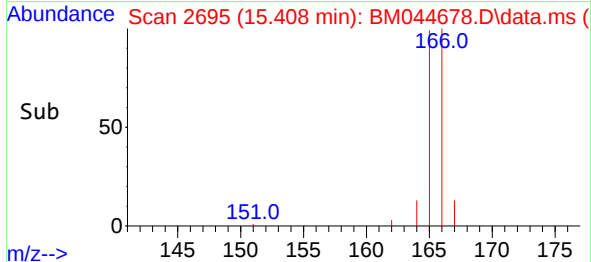
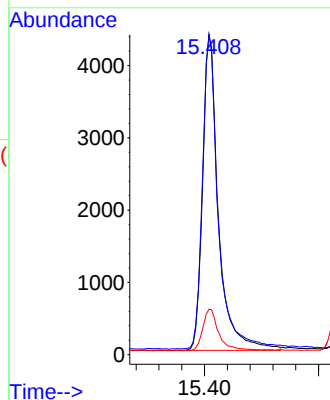
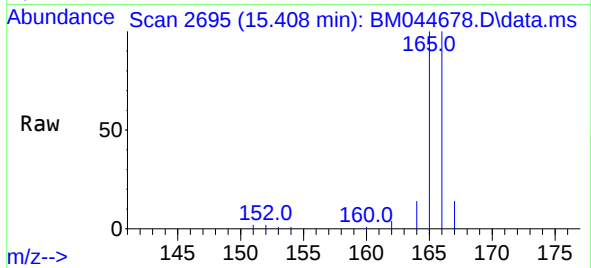




#12
Fluorene
Concen: 0.345 ng/ul
RT: 15.408 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

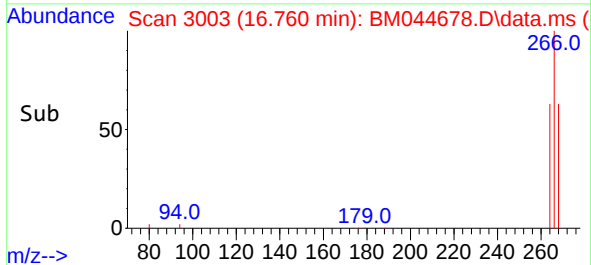
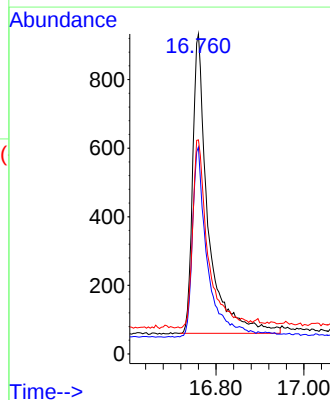
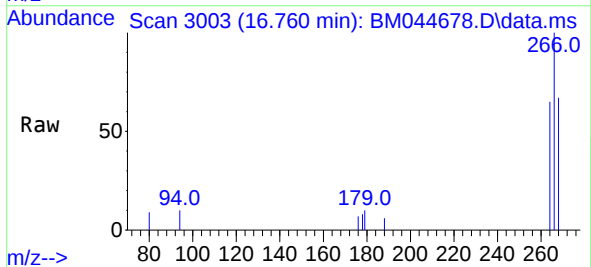
Instrument :
BNA_M
ClientSampleId :
SLCS669

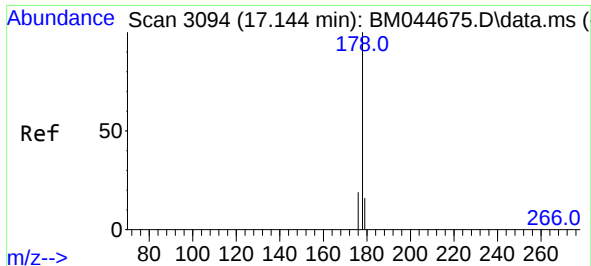
Tgt Ion:166 Resp: 8434
Ion Ratio Lower Upper
166 100
165 100.0 79.4 119.0
167 14.2 11.0 16.6



#14
Pentachlorophenol
Concen: 0.776 ng/ul
RT: 16.760 min Scan# 3003
Delta R.T. -0.004 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

Tgt Ion:266 Resp: 2135
Ion Ratio Lower Upper
266 100
264 63.4 49.5 74.3
268 62.7 48.1 72.1

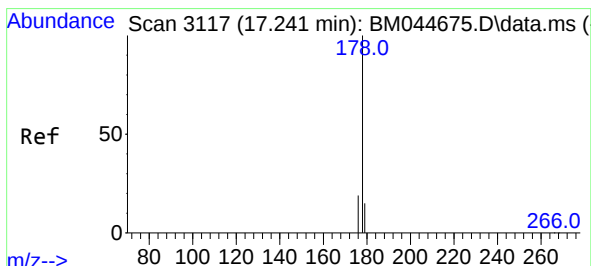
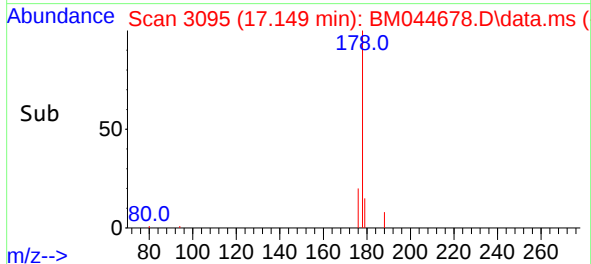
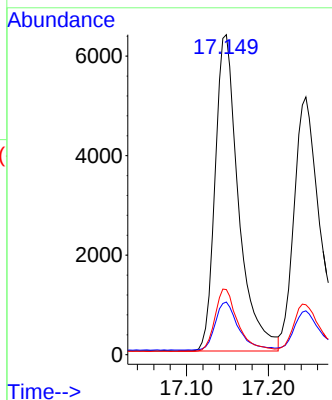
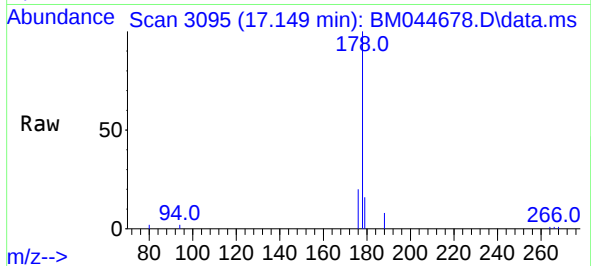




#15
Phenanthrene
Concen: 0.370 ng/u1
RT: 17.149 min Scan# 3094
Delta R.T. 0.004 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

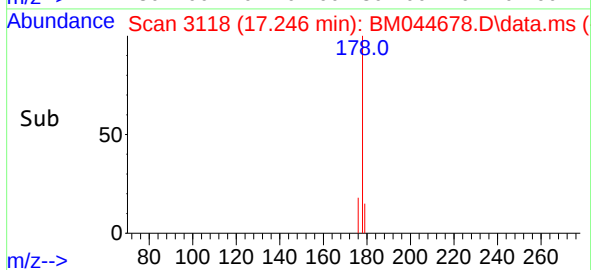
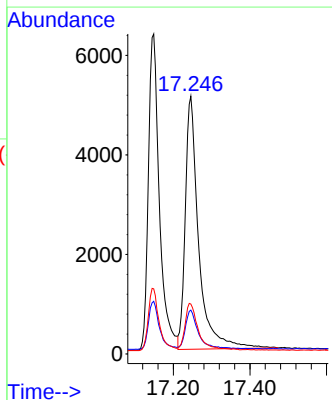
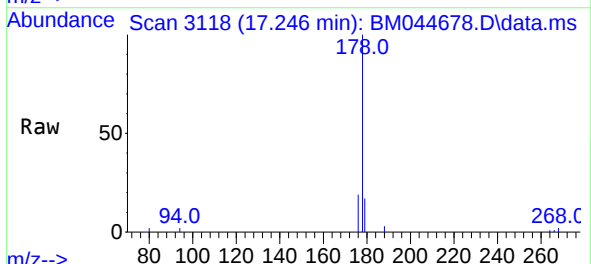
Instrument :
BNA_M
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SLCS669

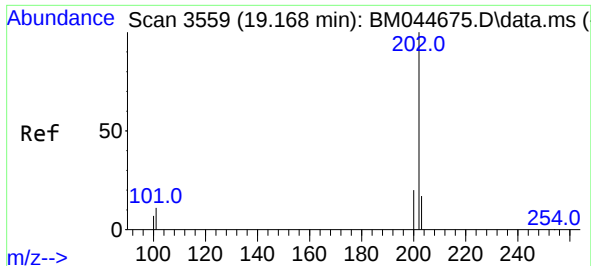
Tgt Ion:	178	Resp:	12663
Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	20.4	15.8	23.8



#16
Anthracene
Concen: 0.385 ng/u1
RT: 17.246 min Scan# 3118
Delta R.T. 0.004 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

Tgt Ion:	178	Resp:	12367
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	19.3	15.2	22.8

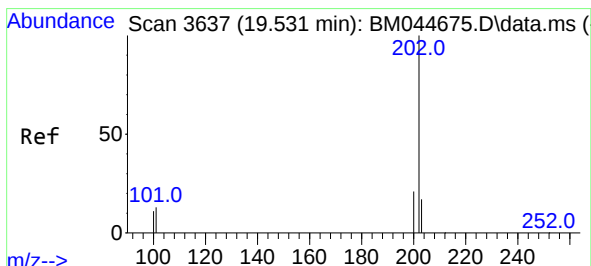
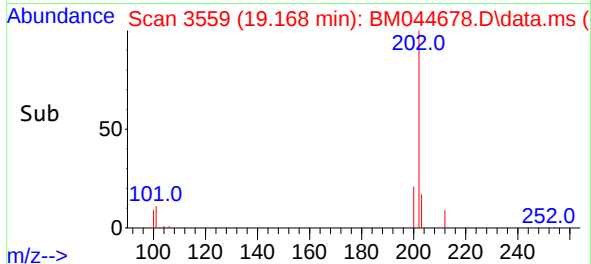
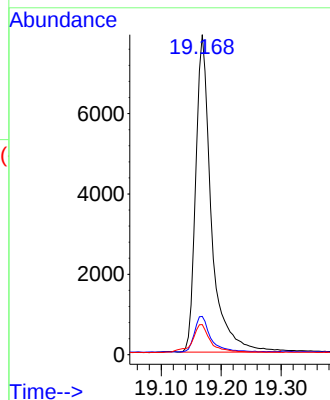
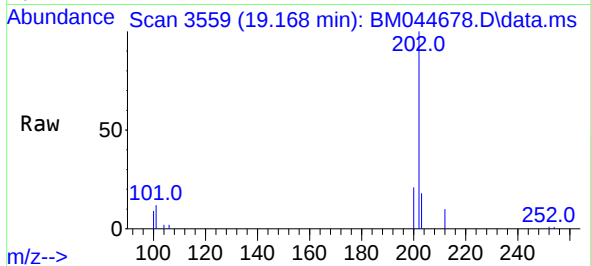




#19
Fluoranthene
Concen: 0.334 ng/u1
RT: 19.168 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

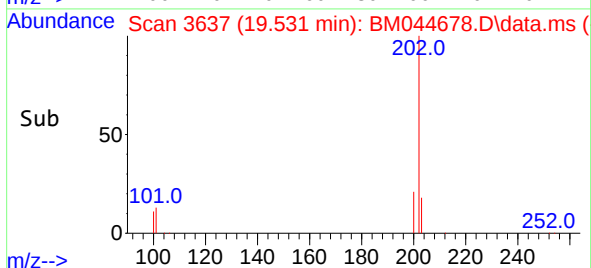
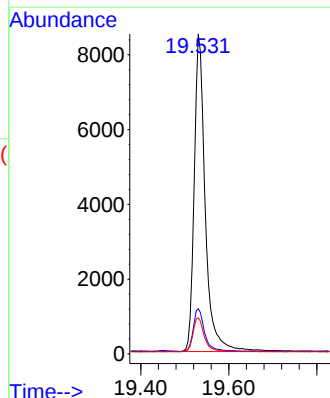
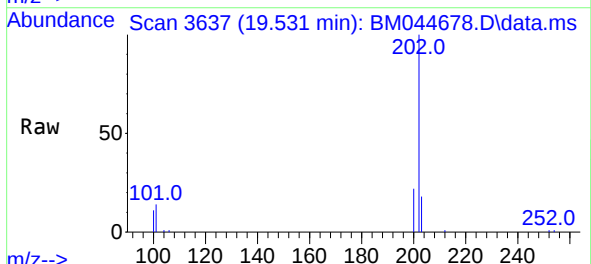
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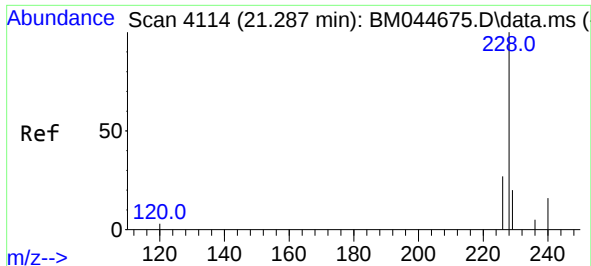
Tgt Ion:	202	Resp:	14324
Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.0	13.4
100	9.4	6.8	10.2



#20
Pyrene
Concen: 0.337 ng/u1
RT: 19.531 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

Tgt Ion:	202	Resp:	14784
Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.8	16.2
100	11.3	8.4	12.6

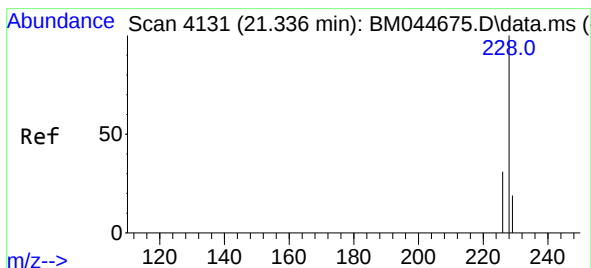
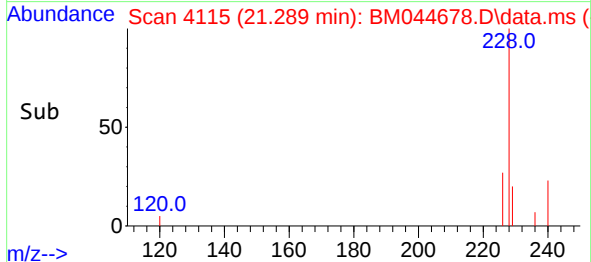
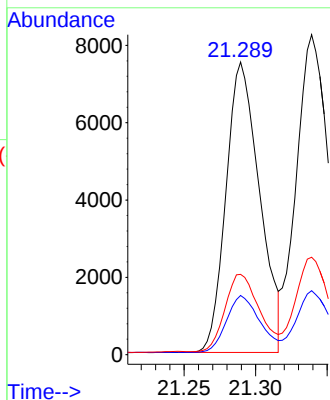
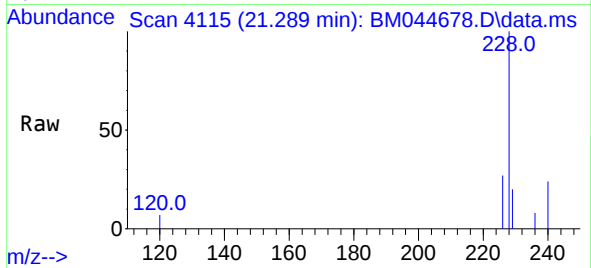




#21
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.289 min Scan# 4115
Delta R.T. 0.003 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

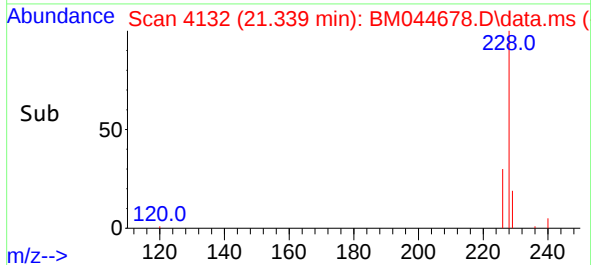
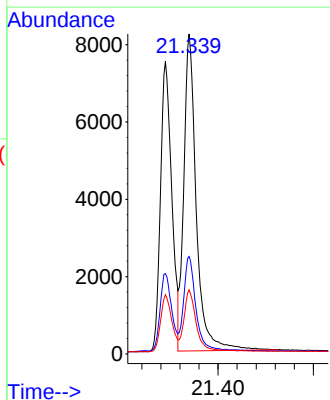
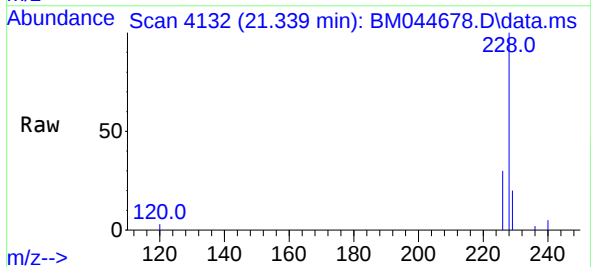
Instrument :
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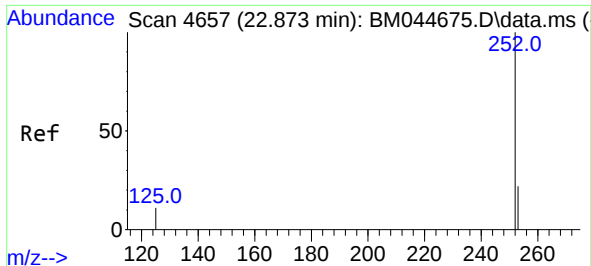
Tgt Ion:	228	Resp:	12261
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	27.5	22.2	33.2



#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.339 min Scan# 4132
Delta R.T. 0.003 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

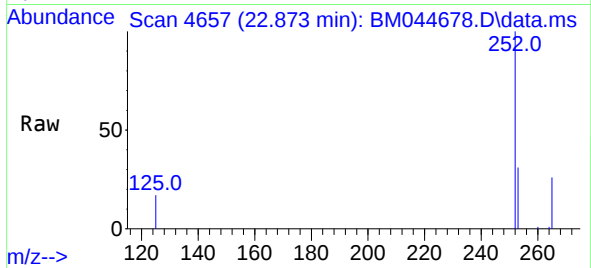
Tgt Ion:	228	Resp:	14899
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	20.0	15.7	23.5





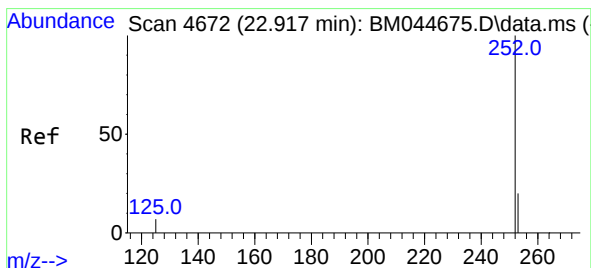
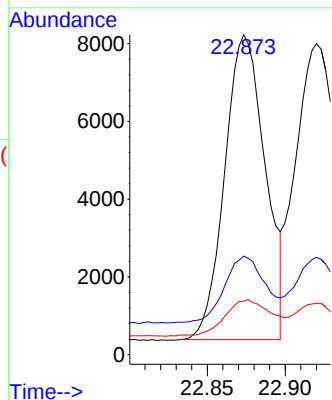
#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 22.873 min Scan# 4657
Delta R.T. 0.000 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

Instrument :
BNA_M
ClientSampleId :
SLCS669



Tgt Ion:252 Resp: 14169

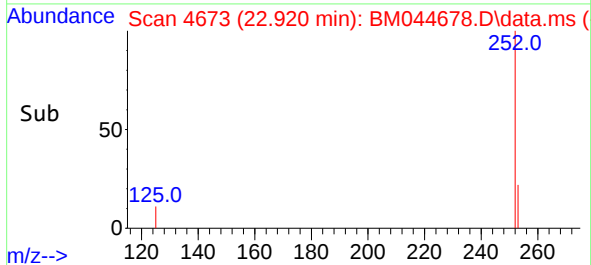
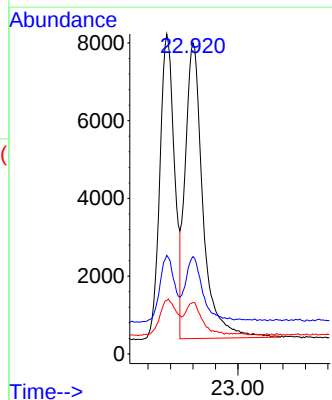
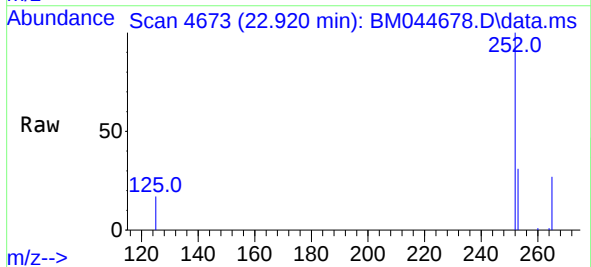
Ion	Ratio	Lower	Upper
252	100		
253	30.8	0.0	54.6
125	16.7	0.0	28.6

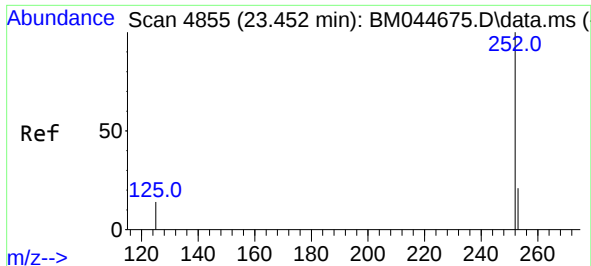


#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 22.920 min Scan# 4673
Delta R.T. 0.003 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

Tgt Ion:252 Resp: 16576

Ion	Ratio	Lower	Upper
252	100		
253	31.3	22.6	33.8
125	16.5	11.4	17.2

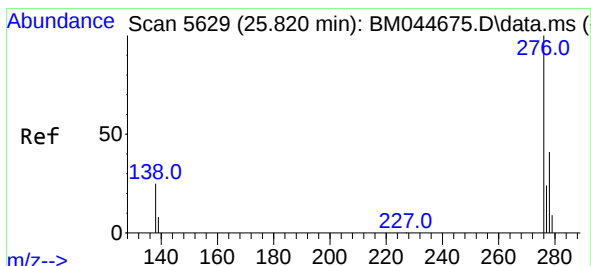
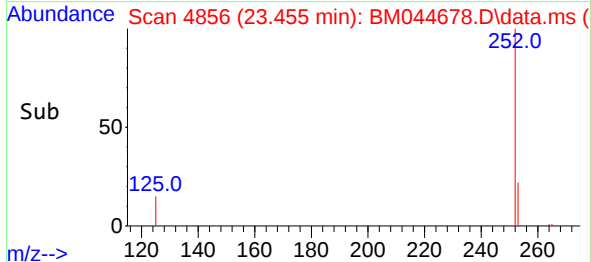
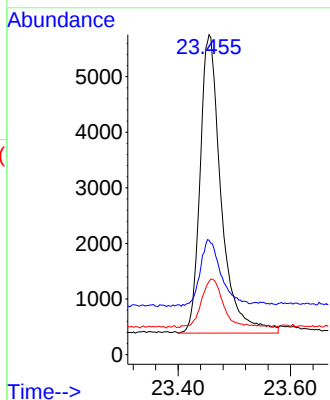
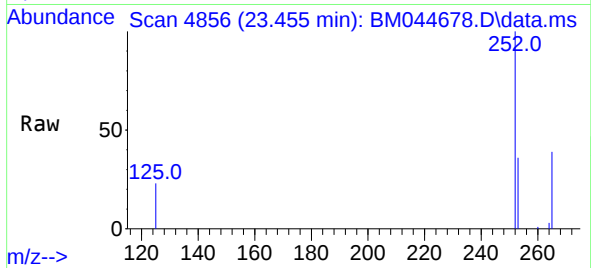




#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.455 min Scan# 4855
Delta R.T. 0.003 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

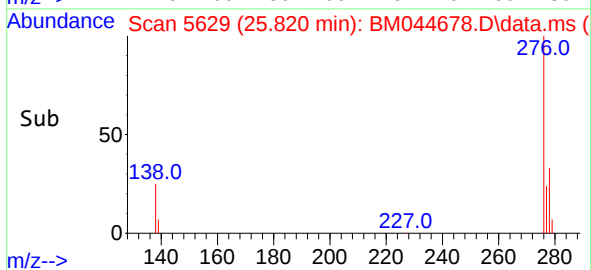
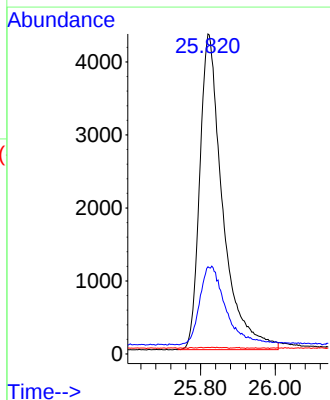
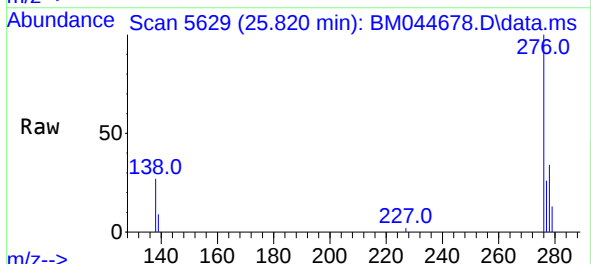
Instrument :
BNA_M
ClientSampleId :
SLCS669

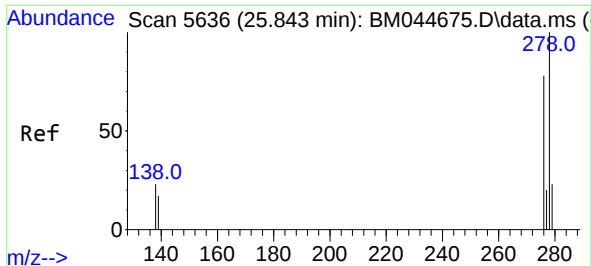
Tgt Ion:252 Resp: 13913
Ion Ratio Lower Upper
252 100
253 35.7 25.2 37.8
125 22.9 14.2 21.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng/ul
RT: 25.820 min Scan# 5629
Delta R.T. 0.000 min
Lab File: BM044678.D
Acq: 20 Mar 2024 11:47

Tgt Ion:276 Resp: 18392
Ion Ratio Lower Upper
276 100
138 0.0 21.9 32.9#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.456 ng/ul

RT: 25.846 min Scan# 5

Delta R.T. 0.003 min

Lab File: BM044678.D

Acq: 20 Mar 2024 11:47

Instrument :

BNA_M

ClientSampleId :

SLCS669

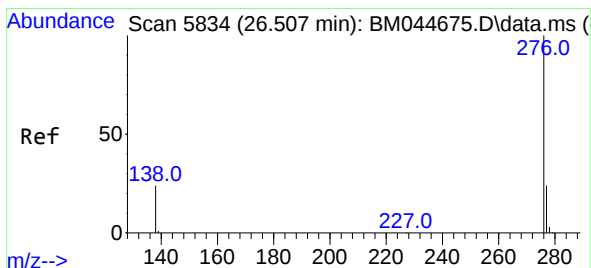
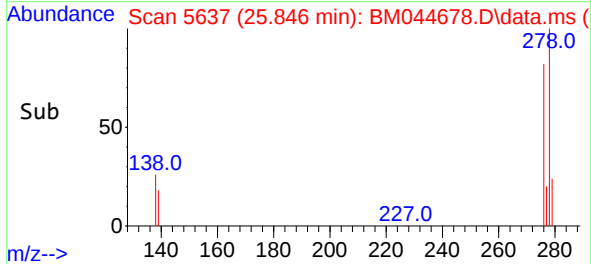
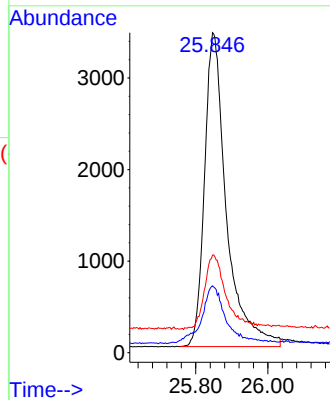
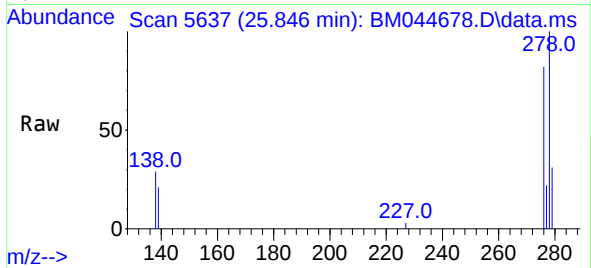
Tgt Ion:278 Resp: 14486

Ion Ratio Lower Upper

278 100

139 20.9 15.9 23.9

279 30.5 24.1 36.1



#29

Benzo(g,h,i)perylene

Concen: 0.440 ng/ul

RT: 26.511 min Scan# 5835

Delta R.T. 0.003 min

Lab File: BM044678.D

Acq: 20 Mar 2024 11:47

Tgt Ion:276 Resp: 15930

Ion Ratio Lower Upper

276 100

138 26.4 20.1 30.1

277 24.6 19.6 29.4

