

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041324\
 Data File : BM045242.D
 Acq On : 14 Apr 2024 15:16
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4076

Quant Time: Apr 15 00:40:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 00:32:25 2024
 Response via : Initial Calibration

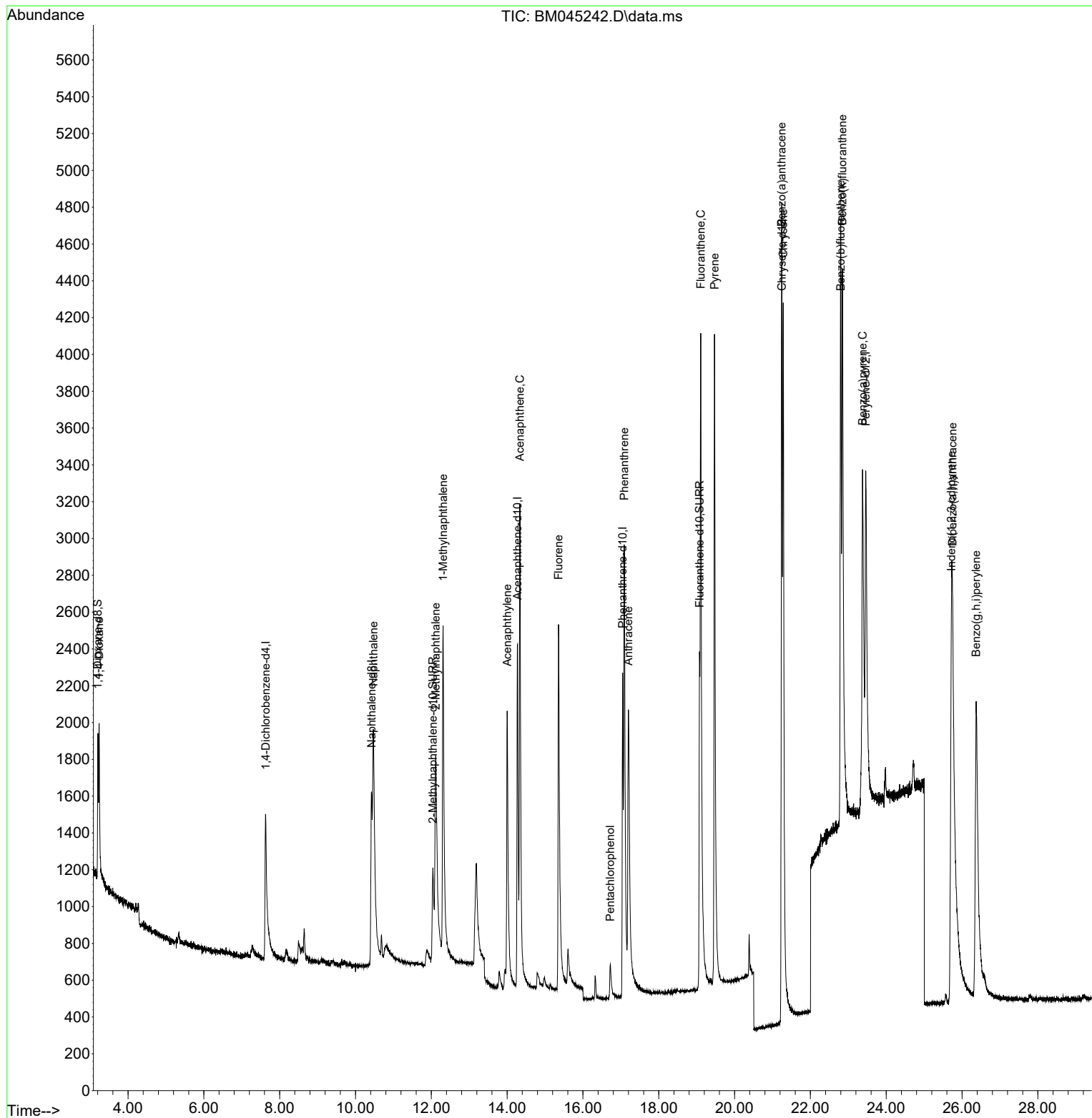
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.631	152	1025	0.400	ng/ul	0.02
4) Naphthalene-d8	10.424	136	3201	0.400	ng/ul #	0.03
9) Acenaphthene-d10	14.274	164	1563	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.047	188	3575	0.400	ng/ul	0.02
17) Chrysene-d12	21.249	240	2833	0.400	ng/ul	0.00
23) Perylene-d12	23.461	264	3519	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	679	0.504	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.041	152	1601	0.369	ng/ul	0.04
18) Fluoranthene-d10	19.075	212	3367	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.238	88	640	0.496	ng/ul	96
5) Naphthalene	10.473	128	3283	0.387	ng/ul#	93
7) 2-Methylnaphthalene	12.118	142	1852	0.365	ng/ul	97
8) 1-Methylnaphthalene	12.310	142	2157	0.389	ng/ul	98
10) Acenaphthylene	14.001	152	3145	0.403	ng/ul	94
11) Acenaphthene	14.339	153	2343	0.420	ng/ul	97
12) Fluorene	15.357	166	2463	0.394	ng/ul#	95
14) Pentachlorophenol	16.718	266	266	0.317	ng/ul	99
15) Phenanthrene	17.089	178	3929	0.390	ng/ul	98
16) Anthracene	17.199	178	3949	0.398	ng/ul	93
19) Fluoranthene	19.108	202	4793	0.473	ng/ul	95
20) Pyrene	19.470	202	5127	0.480	ng/ul	96
21) Benzo(a)anthracene	21.240	228	3614	0.366	ng/ul	98
22) Chrysene	21.284	228	5549	0.451	ng/ul	98
24) Benzo(b)fluoranthene	22.797	252	4981	0.392	ng/ul	97
25) Benzo(k)fluoranthene	22.844	252	6400	0.450	ng/ul	95
26) Benzo(a)pyrene	23.376	252	5003	0.412	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.719	276	6257	0.376	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.749	278	4840	0.367	ng/ul#	89
29) Benzo(g,h,i)perylene	26.373	276	5811	0.405	ng/ul#	93

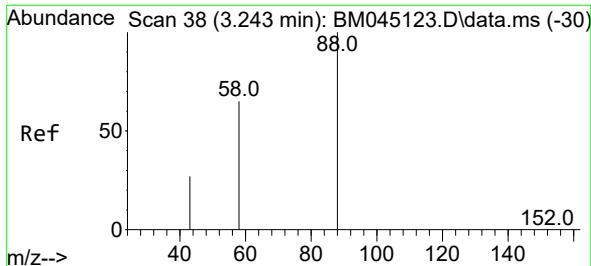
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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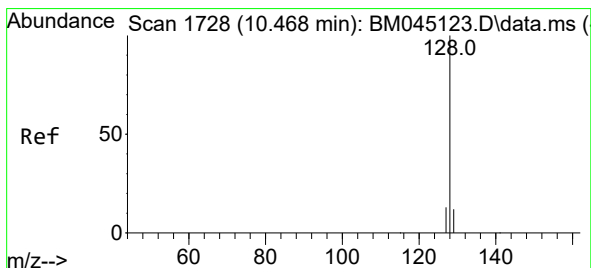
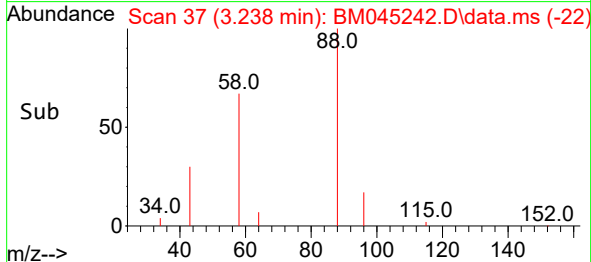
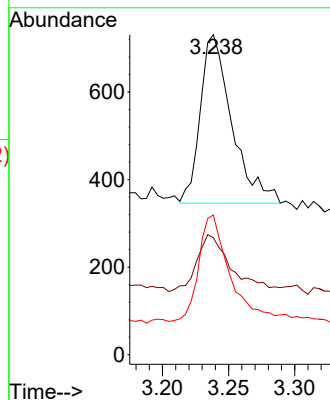
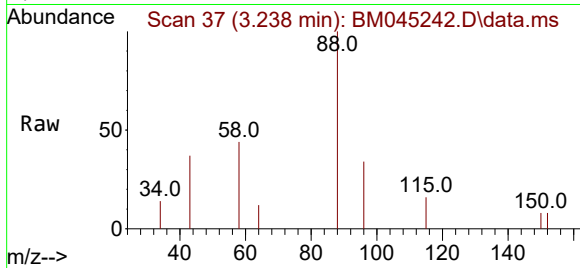




#2
1,4-Dioxane
Concen: 0.496 ng/ul
RT: 3.238 min Scan# 31
Delta R.T. 0.004 min
Lab File: BM045242.D
Acq: 14 Apr 2024 15:16

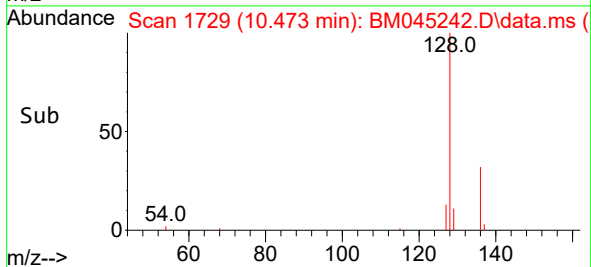
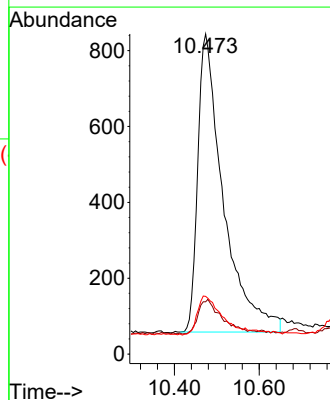
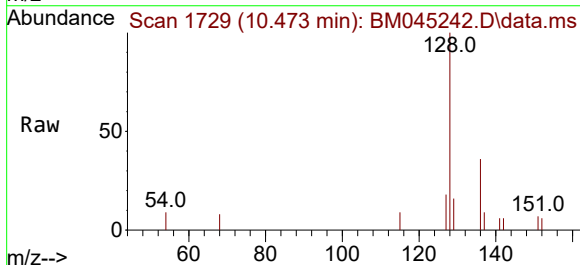
Instrument :
BNA_M
ClientSampleId :
SSTD0.4076

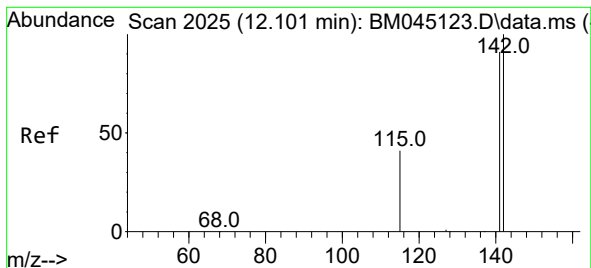
Tgt Ion: 88 Resp: 640
Ion Ratio Lower Upper
88 100
43 36.5 30.6 46.0
58 43.6 32.6 48.8



#5
Naphthalene
Concen: 0.387 ng/ul
RT: 10.473 min Scan# 1729
Delta R.T. 0.033 min
Lab File: BM045242.D
Acq: 14 Apr 2024 15:16

Tgt Ion:128 Resp: 3283
Ion Ratio Lower Upper
128 100
129 16.4 11.3 16.9
127 18.0 11.9 17.9#





#7

2-Methylnaphthalene

Concen: 0.365 ng/ul

RT: 12.118 min Scan# 2025

Delta R.T. 0.044 min

Lab File: BM045242.D

Acq: 14 Apr 2024 15:16

Instrument :

BNA_M

ClientSampleId :

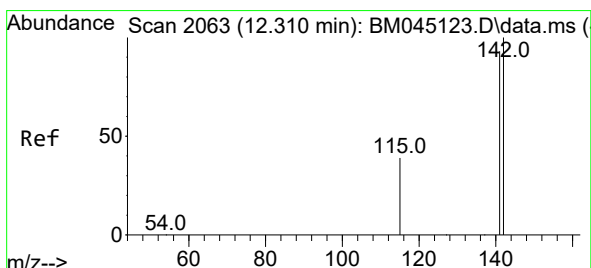
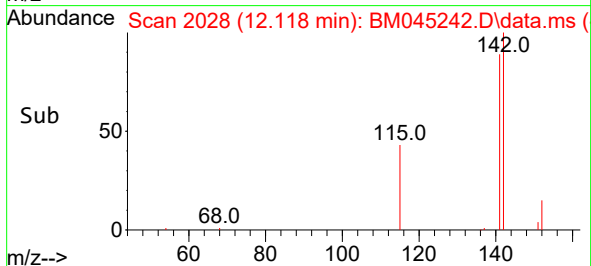
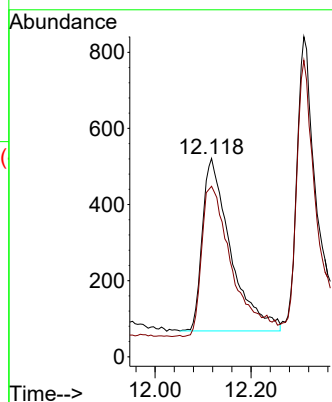
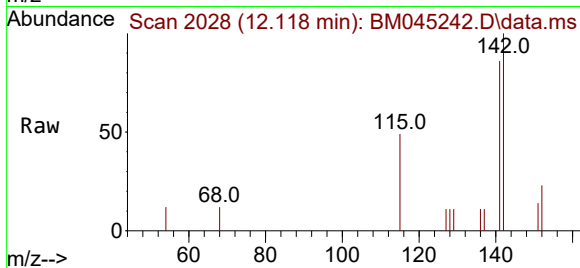
SSTD0.4076

Tgt Ion:142 Resp: 1852

Ion Ratio Lower Upper

142 100

141 95.4 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.389 ng/ul

RT: 12.310 min Scan# 2063

Delta R.T. 0.022 min

Lab File: BM045242.D

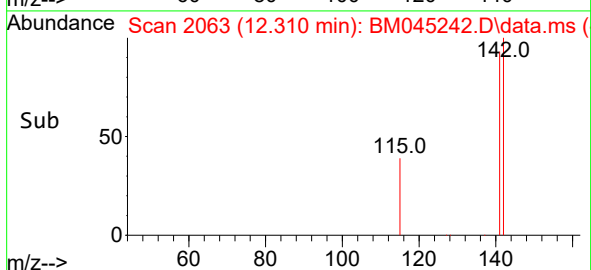
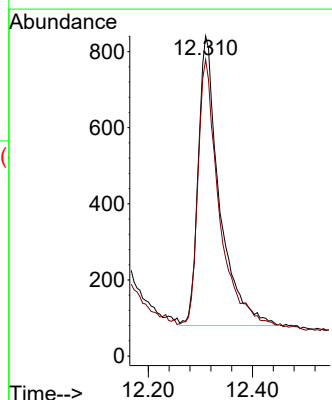
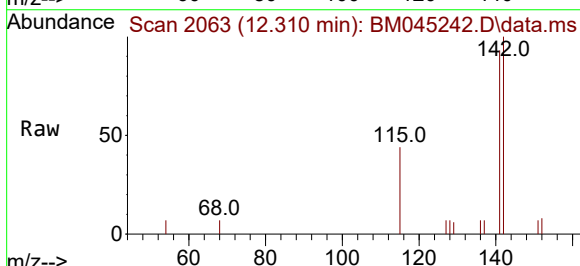
Acq: 14 Apr 2024 15:16

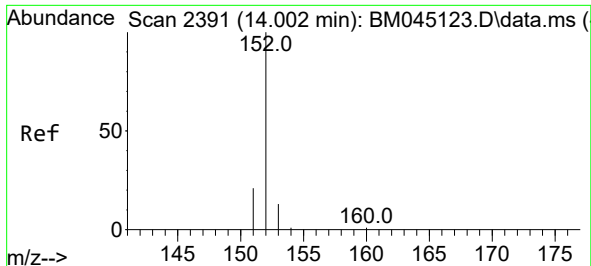
Tgt Ion:142 Resp: 2157

Ion Ratio Lower Upper

142 100

141 90.7 74.2 111.2

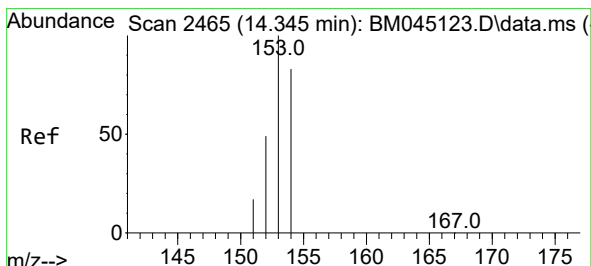
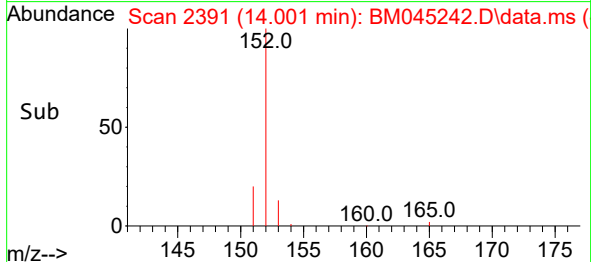
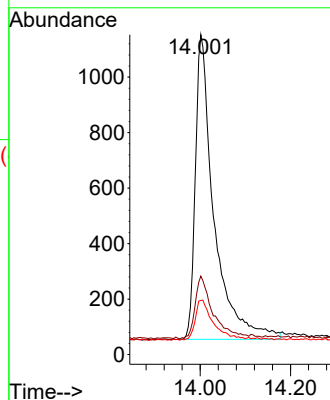
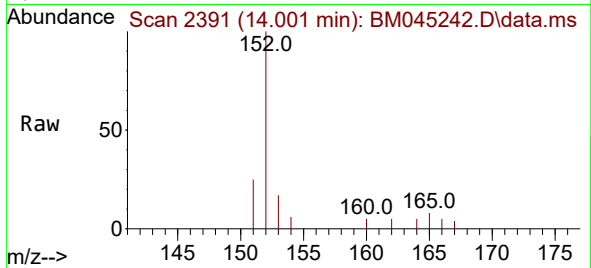




#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.001 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM045242.D
Acq: 14 Apr 2024 15:16

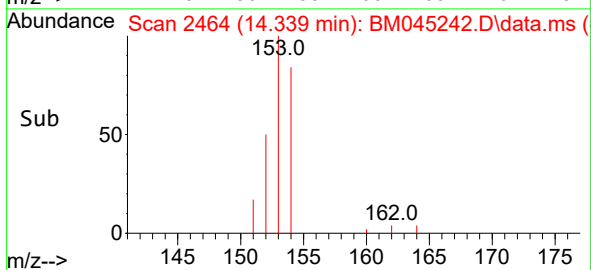
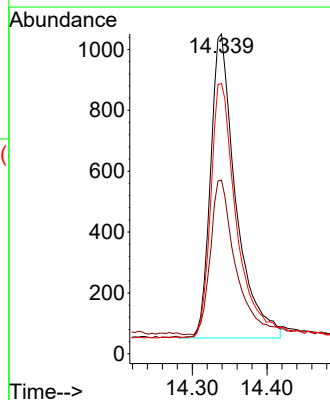
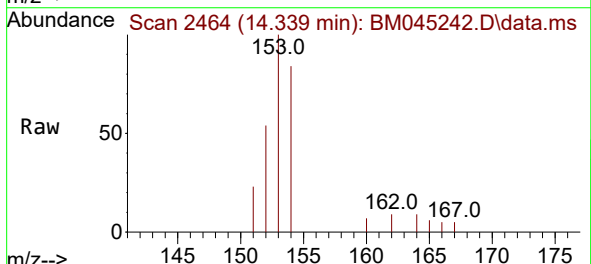
Instrument :
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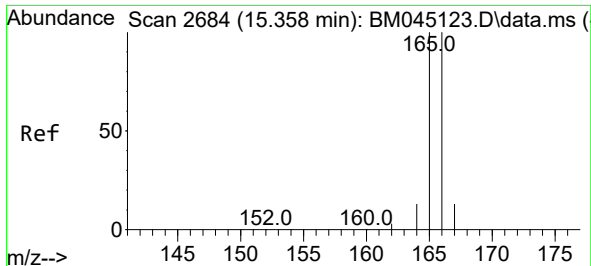
Tgt Ion:152	Resp:	3145
Ion Ratio	Lower	Upper
152	100	
151	24.5	17.0 25.4
153	16.9	11.9 17.9



#11
Acenaphthene
Concen: 0.420 ng/ul
RT: 14.339 min Scan# 2464
Delta R.T. 0.013 min
Lab File: BM045242.D
Acq: 14 Apr 2024 15:16

Tgt Ion:153	Resp:	2343
Ion Ratio	Lower	Upper
153	100	
152	54.3	41.2 61.8
154	84.5	69.4 104.0

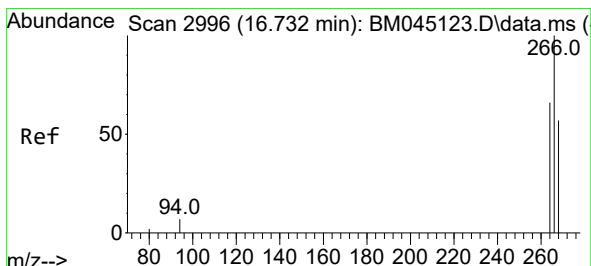
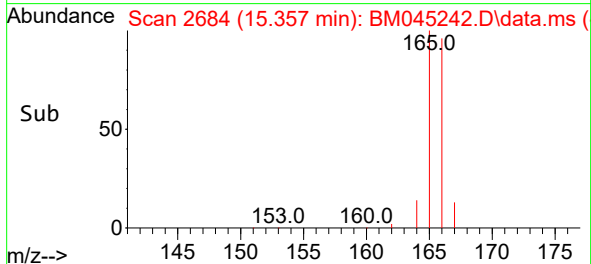
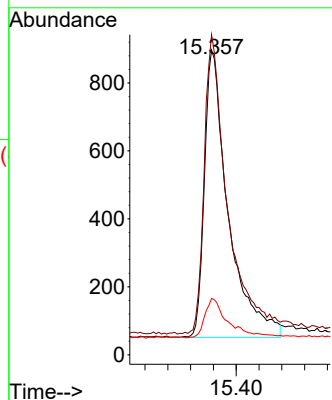
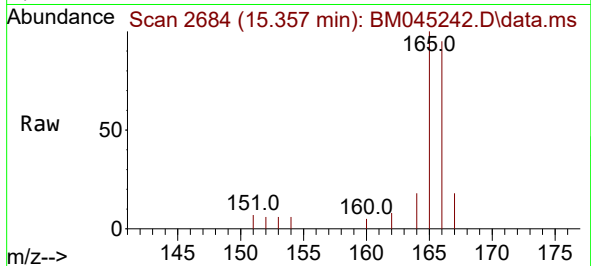




#12
Fluorene
Concen: 0.394 ng/ul
RT: 15.357 min Scan# 20
Delta R.T. 0.027 min
Lab File: BM045242.D
Acq: 14 Apr 2024 15:16

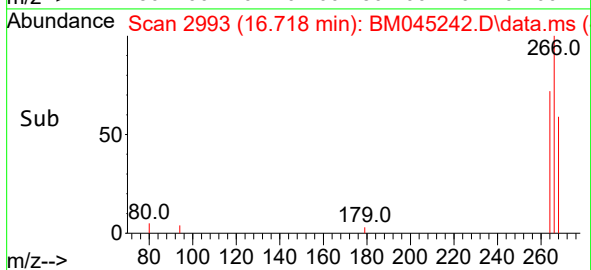
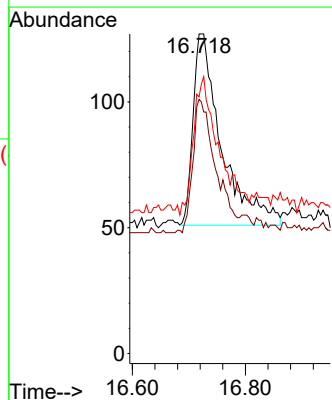
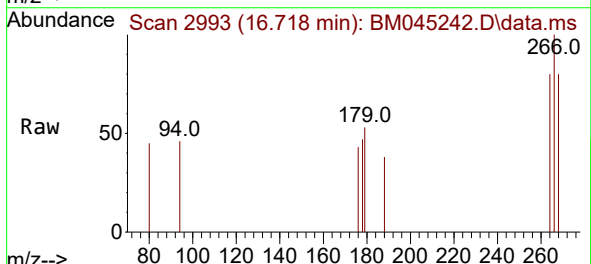
Instrument :
BNA_M
ClientSampleId :
SSTD0.4076

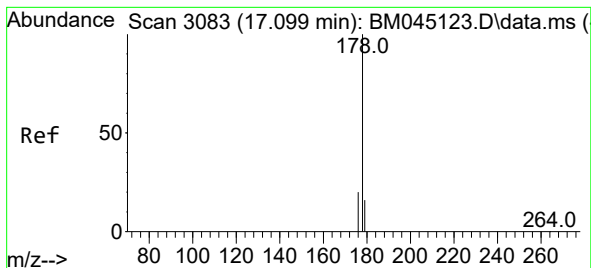
Tgt Ion:166 Resp: 2463
Ion Ratio Lower Upper
166 100
165 105.0 79.9 119.9
167 18.5 12.2 18.2#



#14
Pentachlorophenol
Concen: 0.317 ng/ul
RT: 16.718 min Scan# 2993
Delta R.T. 0.020 min
Lab File: BM045242.D
Acq: 14 Apr 2024 15:16

Tgt Ion:266 Resp: 266
Ion Ratio Lower Upper
266 100
264 59.8 48.3 72.5
268 65.0 52.6 79.0





#15

Phenanthrene

Concen: 0.390 ng/ul

RT: 17.089 min Scan# 3083

Delta R.T. 0.016 min

Lab File: BM045242.D

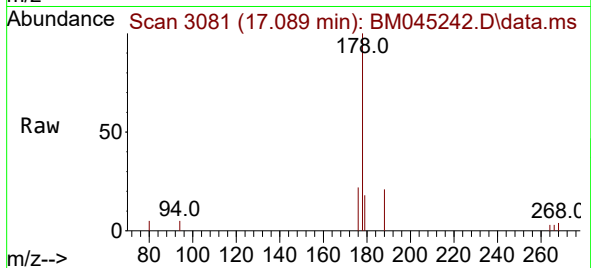
Acq: 14 Apr 2024 15:16

Instrument :

BNA_M

ClientSampleId :

SSTD0.4076



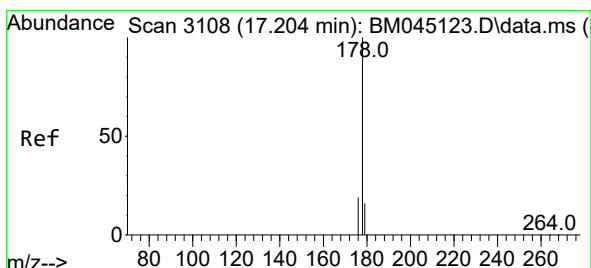
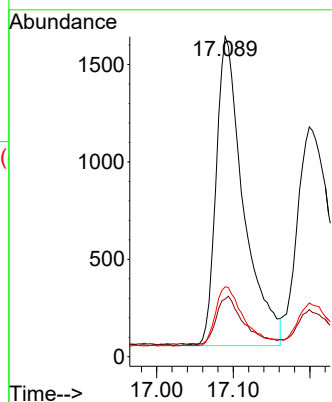
Tgt Ion:178 Resp: 3929

Ion Ratio Lower Upper

178 100

179 18.0 13.7 20.5

176 21.9 17.0 25.4



#16

Anthracene

Concen: 0.398 ng/ul

RT: 17.199 min Scan# 3107

Delta R.T. 0.029 min

Lab File: BM045242.D

Acq: 14 Apr 2024 15:16

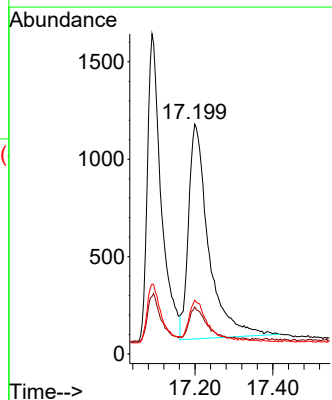
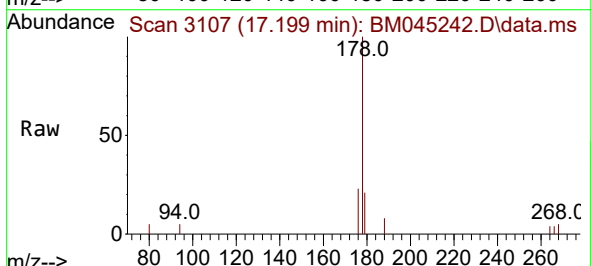
Tgt Ion:178 Resp: 3949

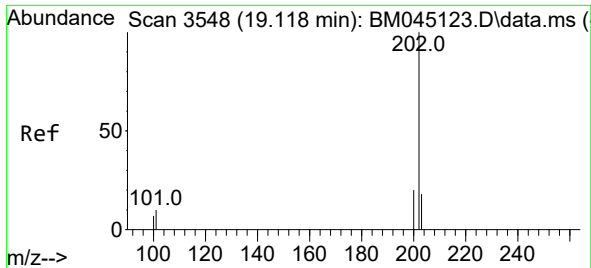
Ion Ratio Lower Upper

178 100

179 20.5 13.8 20.8

176 23.4 16.2 24.4

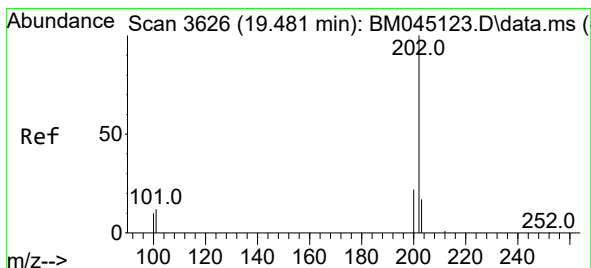
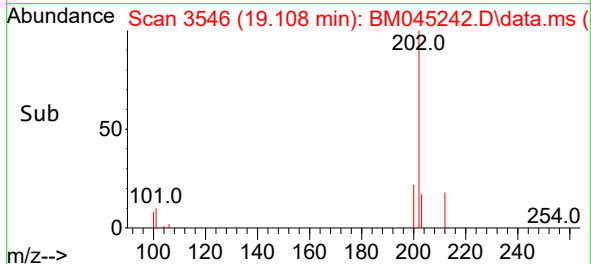
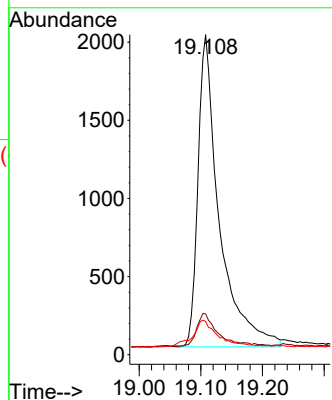
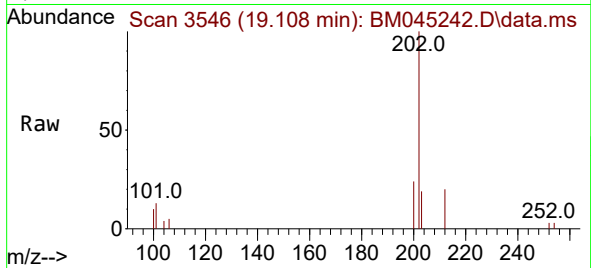




#19
Fluoranthene
Concen: 0.473 ng/ul
RT: 19.108 min Scan# 3546
Delta R.T. 0.013 min
Lab File: BM045242.D
Acq: 14 Apr 2024 15:16

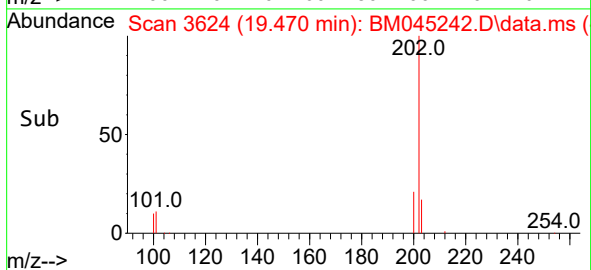
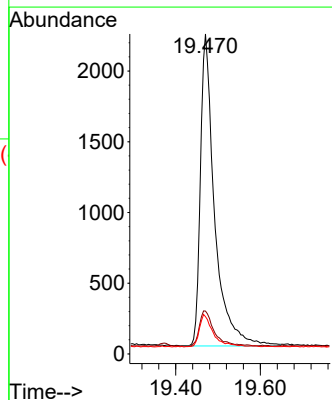
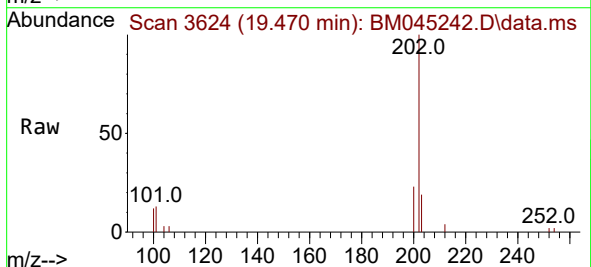
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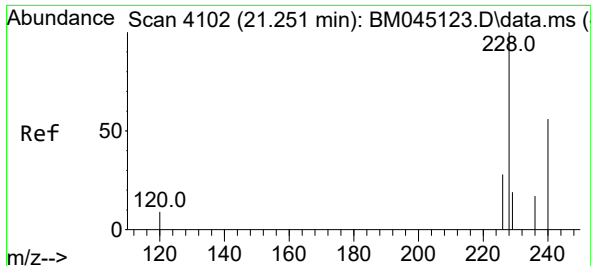
Tgt Ion:202 Resp: 4793
Ion Ratio Lower Upper
202 100
101 12.8 8.8 13.2
100 10.4 7.0 10.4



#20
Pyrene
Concen: 0.480 ng/ul
RT: 19.470 min Scan# 3624
Delta R.T. 0.008 min
Lab File: BM045242.D
Acq: 14 Apr 2024 15:16

Tgt Ion:202 Resp: 5127
Ion Ratio Lower Upper
202 100
101 13.4 9.8 14.6
100 11.6 8.1 12.1

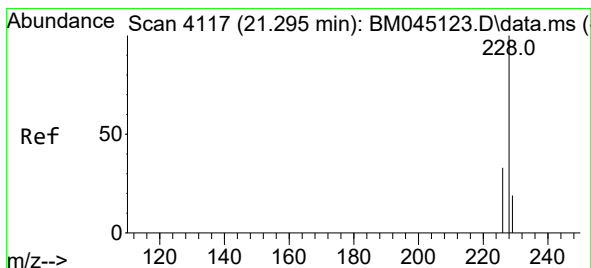
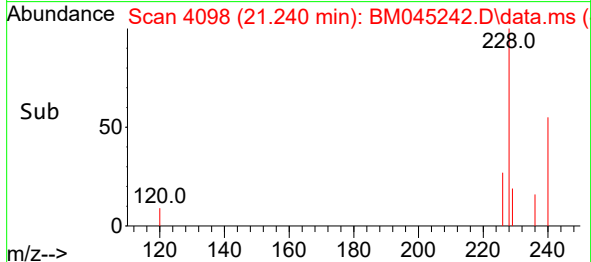
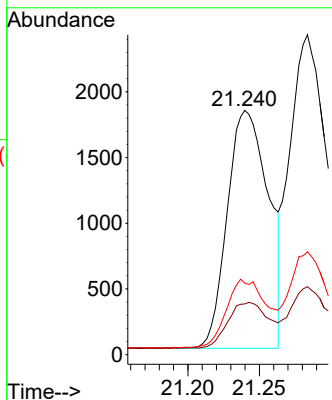
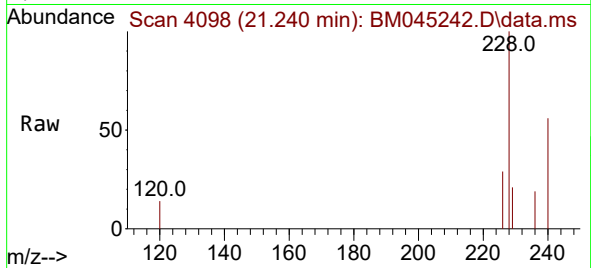




#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.240 min Scan# 4102
Delta R.T. 0.012 min
Lab File: BM045242.D
Acq: 14 Apr 2024 15:16

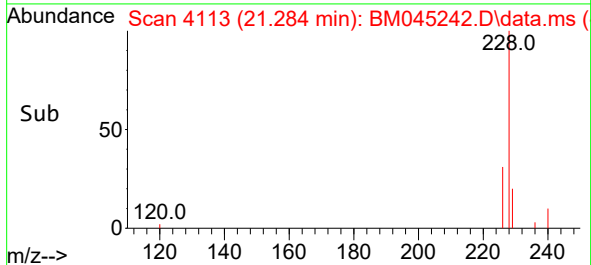
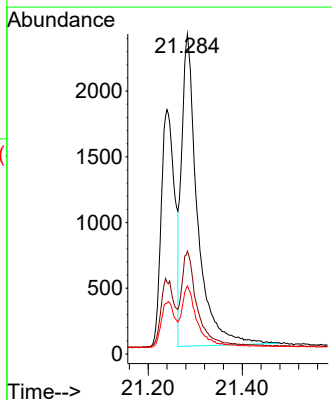
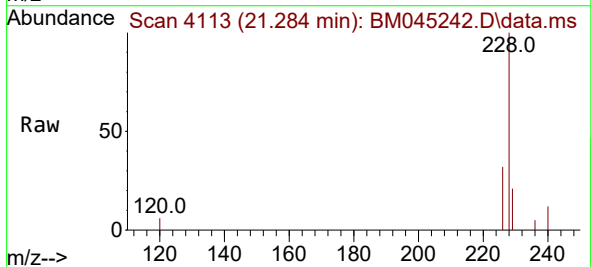
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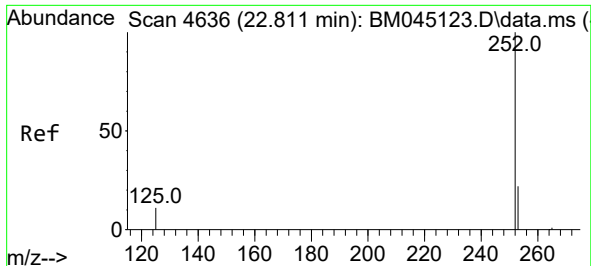
Tgt Ion:228 Resp: 3614
Ion Ratio Lower Upper
228 100
229 20.8 16.4 24.6
226 29.3 22.3 33.5



#22
Chrysene
Concen: 0.451 ng/ul
RT: 21.284 min Scan# 4113
Delta R.T. 0.007 min
Lab File: BM045242.D
Acq: 14 Apr 2024 15:16

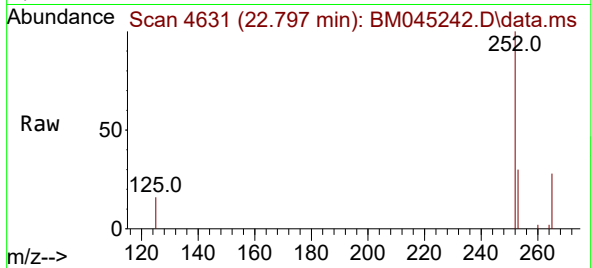
Tgt Ion:228 Resp: 5549
Ion Ratio Lower Upper
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226 32.2 24.9 37.3
229 21.3 15.9 23.9



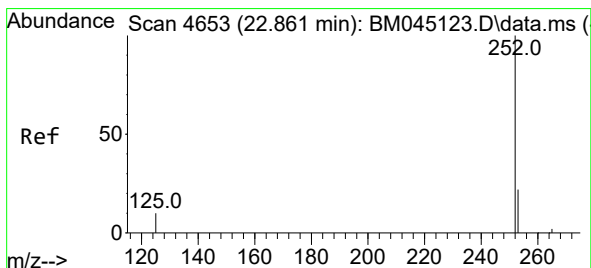
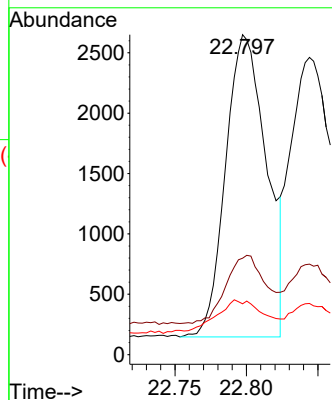


#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 22.797 min Scan# 4631
Delta R.T. 0.004 min
Lab File: BM045242.D
Acq: 14 Apr 2024 15:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.4076

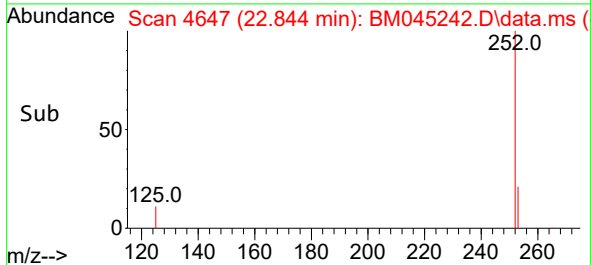
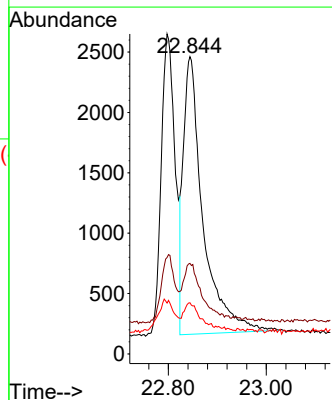
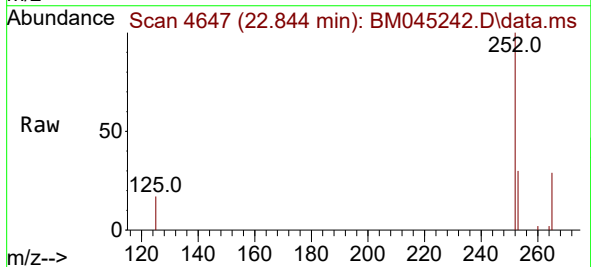


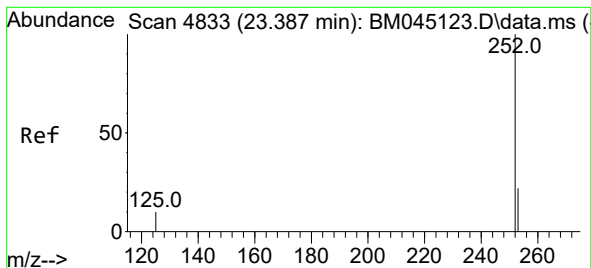
Tgt Ion:252 Resp: 4981
Ion Ratio Lower Upper
252 100
253 30.2 0.0 56.4
125 15.9 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.450 ng/ul
RT: 22.844 min Scan# 4647
Delta R.T. 0.004 min
Lab File: BM045242.D
Acq: 14 Apr 2024 15:16

Tgt Ion:252 Resp: 6400
Ion Ratio Lower Upper
252 100
253 30.4 22.3 33.5
125 17.2 11.6 17.4





#26

Benzo(a)pyrene

Concen: 0.412 ng/ul

RT: 23.376 min Scan# 41

Delta R.T. 0.012 min

Lab File: BM045242.D

Acq: 14 Apr 2024 15:16

Instrument :

BNA_M

ClientSampleId :

SSTD0.4076

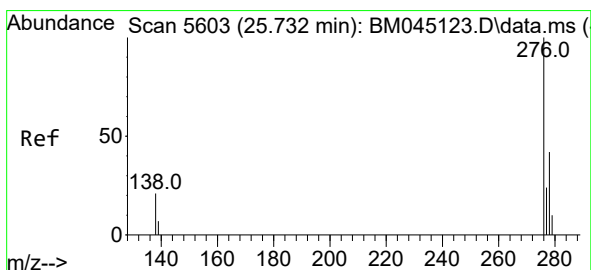
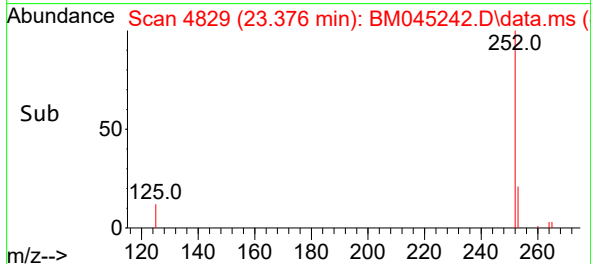
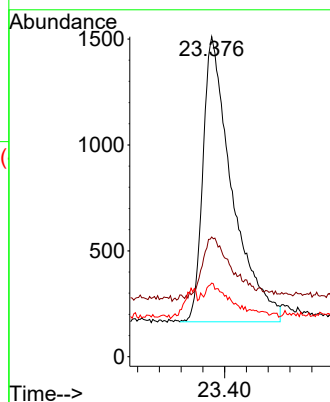
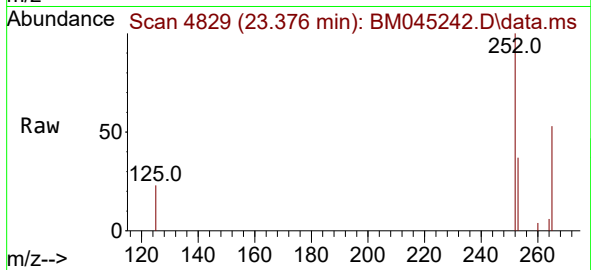
Tgt Ion:252 Resp: 5003

Ion Ratio Lower Upper

252 100

253 37.4 24.6 37.0#

125 23.0 18.2 27.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.376 ng/ul

RT: 25.719 min Scan# 5599

Delta R.T. 0.024 min

Lab File: BM045242.D

Acq: 14 Apr 2024 15:16

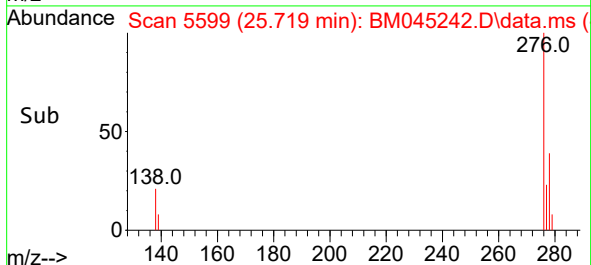
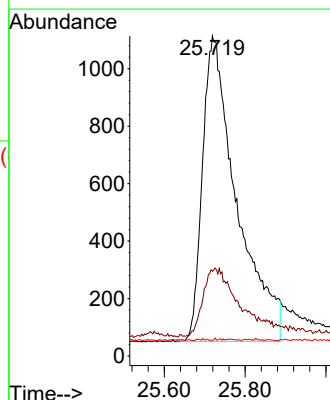
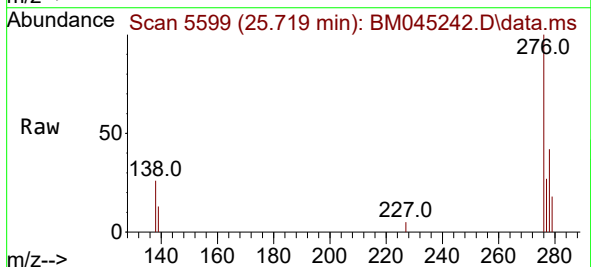
Tgt Ion:276 Resp: 6257

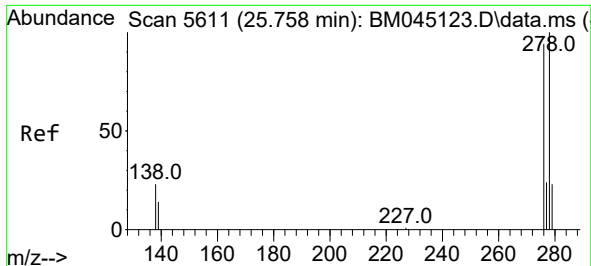
Ion Ratio Lower Upper

276 100

138 24.0 0.0 0.0#

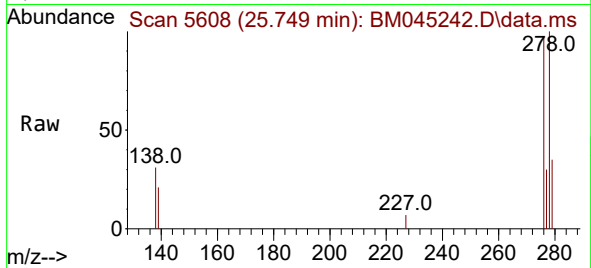
227 0.0 0.1 0.1#



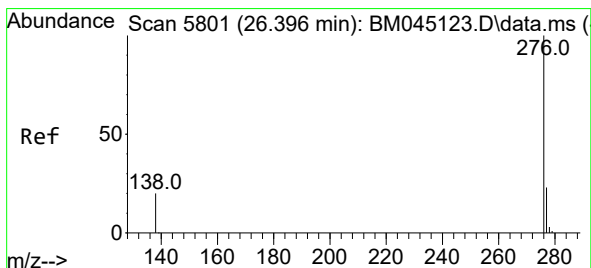
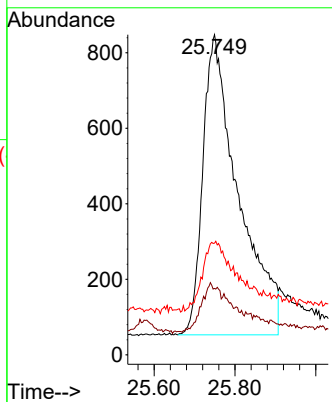
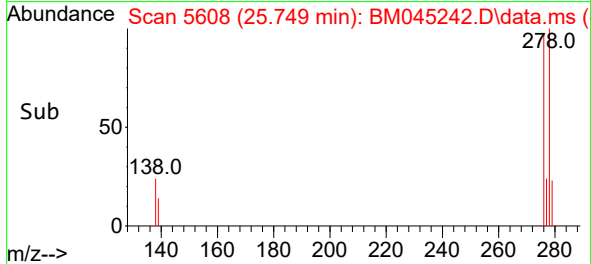


#28
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 25.749 min Scan# 51
Delta R.T. 0.034 min
Lab File: BM045242.D
Acq: 14 Apr 2024 15:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.4076



Tgt Ion:278 Resp: 4840
Ion Ratio Lower Upper
278 100
139 20.8 13.6 20.4#
279 34.9 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 26.373 min Scan# 5794
Delta R.T. 0.007 min
Lab File: BM045242.D
Acq: 14 Apr 2024 15:16

Tgt Ion:276 Resp: 5811
Ion Ratio Lower Upper
276 100
138 25.9 16.8 25.2#
277 27.3 20.3 30.5

