

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM040032.D
 Acq On : 26 May 2023 09:53
 Operator : CG/JU
 Sample : PB152972BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS972

Quant Time: May 26 11:31:26 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 15:01:16 2023
 Response via : Initial Calibration

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

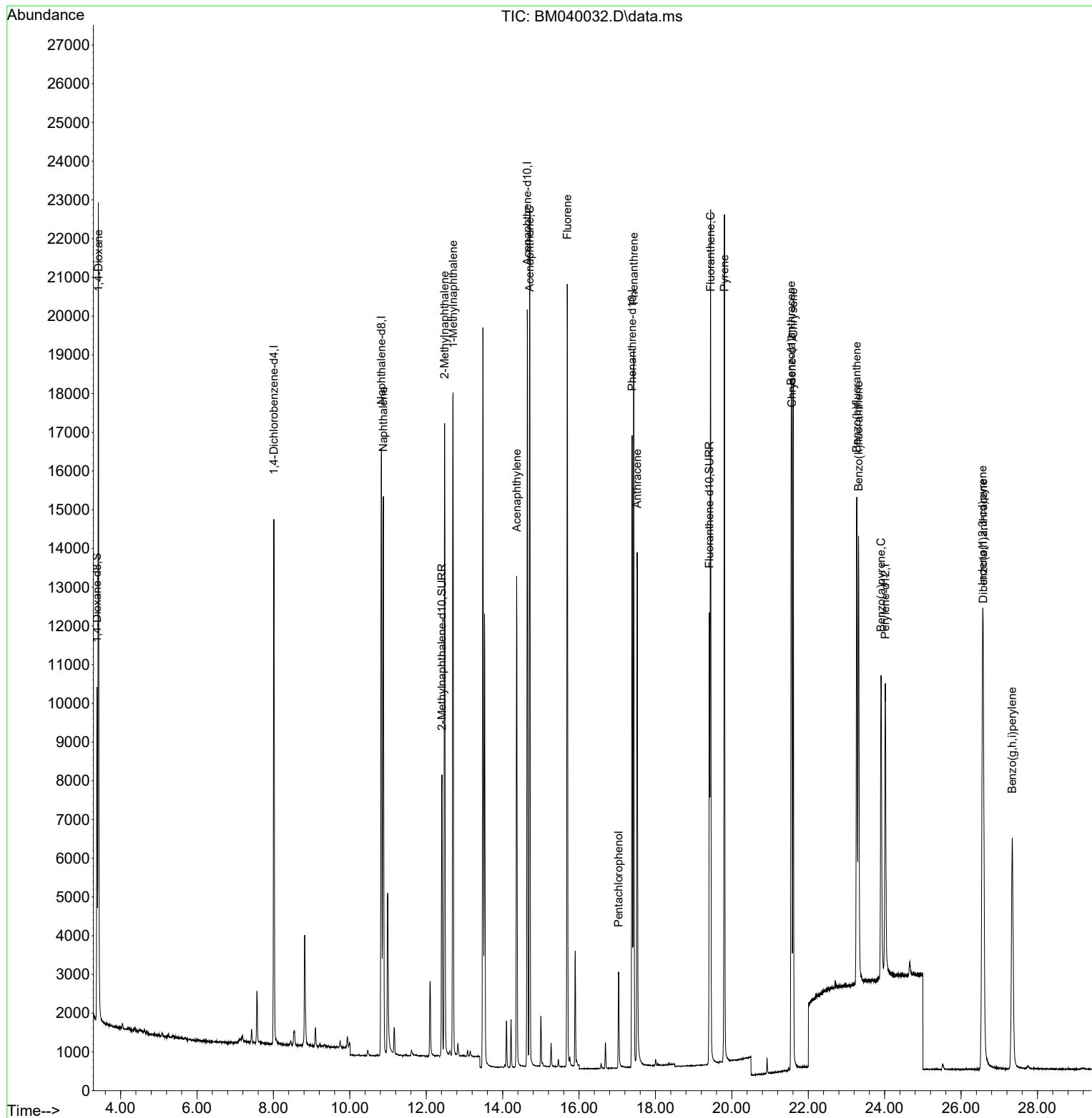
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	6788	0.400	ng/ul	0.00
4) Naphthalene-d8	10.826	136	21619	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	9992	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	18678	0.400	ng/ul	0.00
17) Chrysene-d12	21.569	240	10934	0.400	ng/ul	0.00
23) Perylene-d12	24.015	264	10552	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.379	96	5534	0.700	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.410	152	9434	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	11851	0.360	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	14258	1.714	ng/ul	92
5) Naphthalene	10.876	128	19483	0.369	ng/ul	99
7) 2-Methylnaphthalene	12.481	142	11551	0.362	ng/ul	100
8) 1-Methylnaphthalene	12.701	142	11793	0.356	ng/ul	99
10) Acenaphthylene	14.368	152	14167	0.356	ng/ul	100
11) Acenaphthene	14.710	153	12150	0.375	ng/ul	99
12) Fluorene	15.691	166	12516	0.371	ng/ul	98
14) Pentachlorophenol	17.035	266	1751	0.462	ng/ul	99
15) Phenanthrene	17.432	178	19185	0.363	ng/ul	99
16) Anthracene	17.521	178	15200	0.343	ng/ul	99
19) Fluoranthene	19.443	202	17905	0.364	ng/ul	99
20) Pyrene	19.806	202	17780	0.357	ng/ul	98
21) Benzo(a)anthracene	21.551	228	13728	0.373	ng/ul	99
22) Chrysene	21.607	228	15432	0.394	ng/ul	99
24) Benzo(b)fluoranthene	23.270	252	16125	0.385	ng/ul	98
25) Benzo(k)fluoranthene	23.317	252	15652	0.371	ng/ul	99
26) Benzo(a)pyrene	23.904	252	13097	0.374	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.563	276	16634	0.330	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.580	278	13228	0.325	ng/ul	99
29) Benzo(g,h,i)perylene	27.338	276	13137	0.318	ng/ul	97

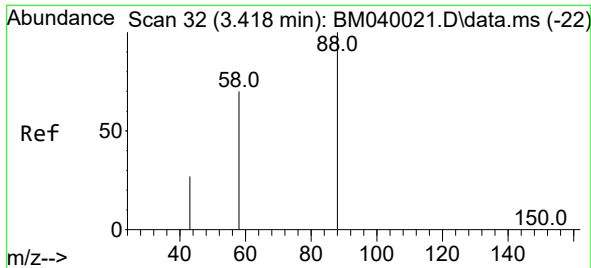
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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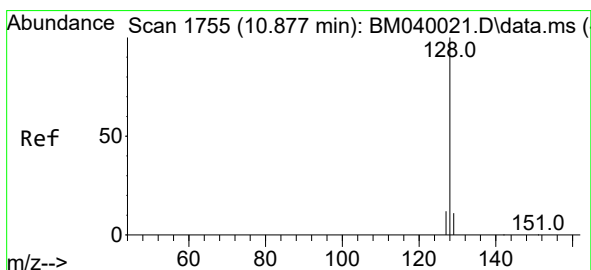
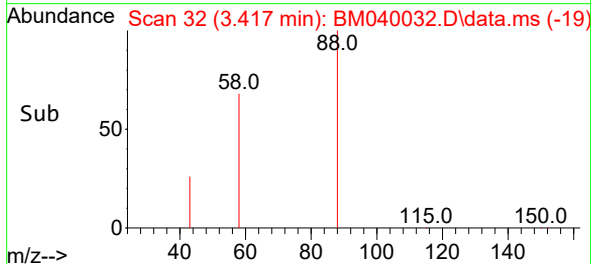
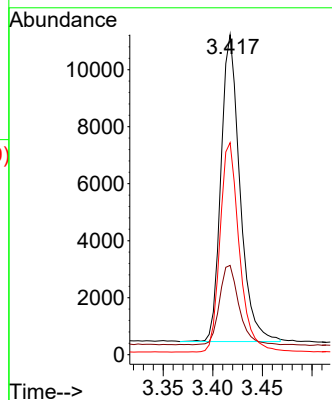
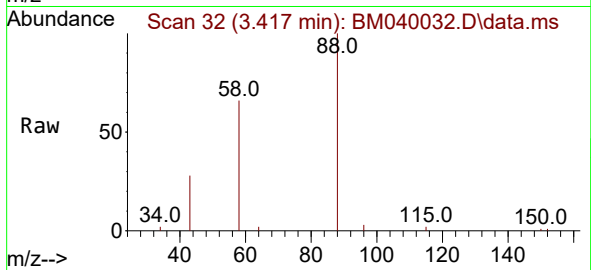




#2
1,4-Dioxane
Concen: 1.714 ng/ul
RT: 3.417 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

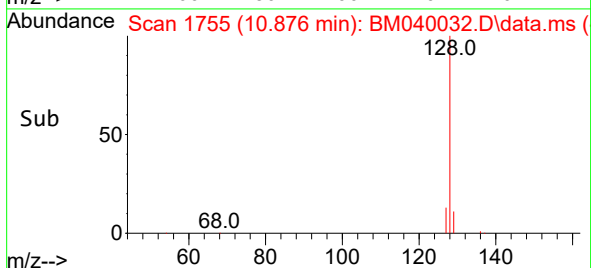
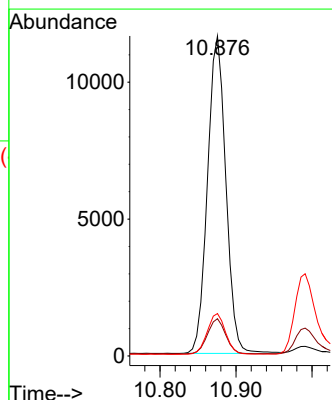
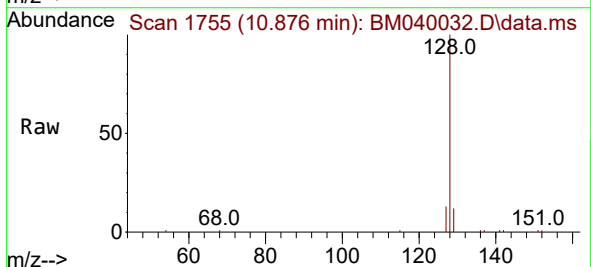
Instrument :
BNA_M
ClientSampleId :
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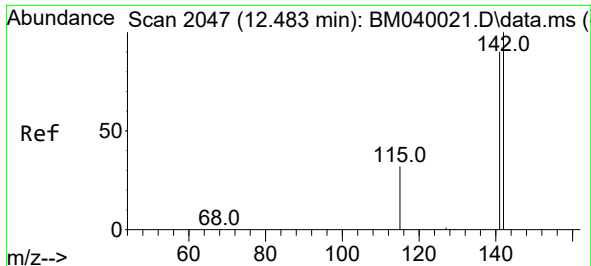
Tgt Ion: 88 Resp: 14258
Ion Ratio Lower Upper
88 100
43 27.9 25.9 38.9
58 66.3 48.5 72.7



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.876 min Scan# 1755
Delta R.T. -0.001 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

Tgt Ion: 128 Resp: 19483
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.2 10.5 15.7

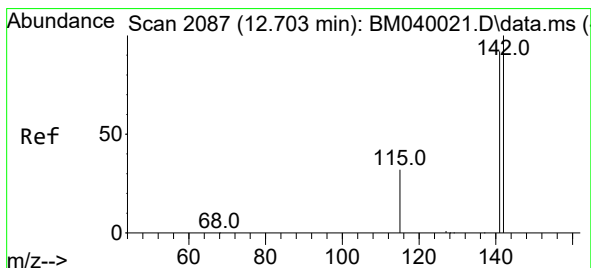
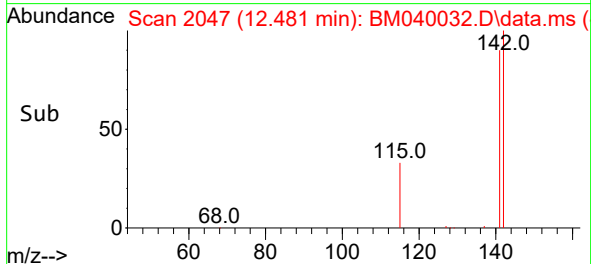
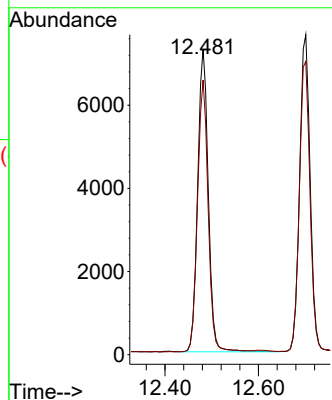
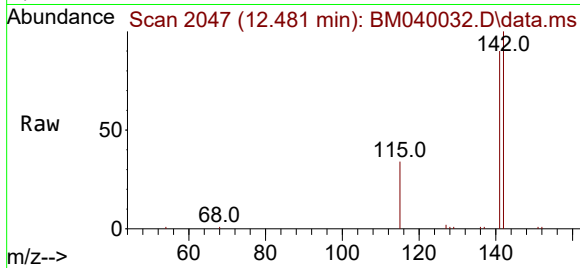




#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.481 min Scan# 2047
Delta R.T. -0.001 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

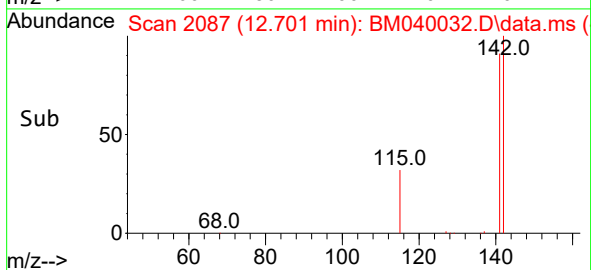
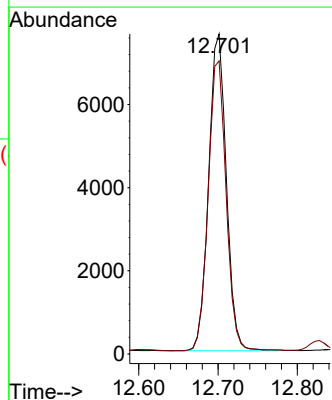
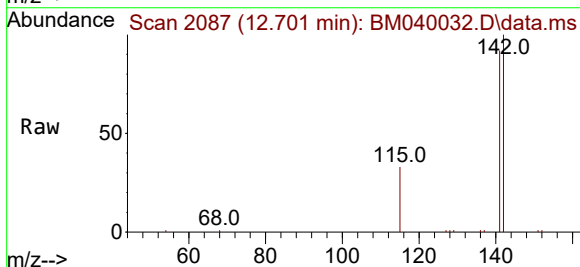
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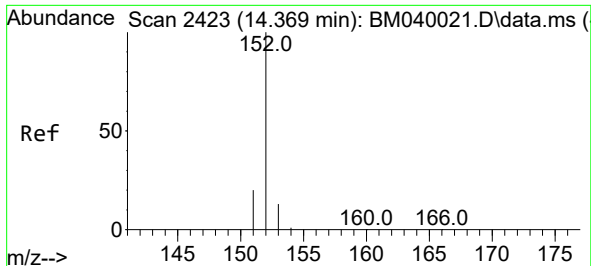
Tgt Ion:142 Resp: 11551
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9



#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.701 min Scan# 2087
Delta R.T. -0.001 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

Tgt Ion:142 Resp: 11793
Ion Ratio Lower Upper
142 100
141 93.2 73.8 110.6

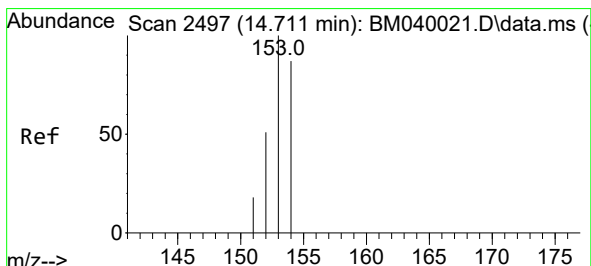
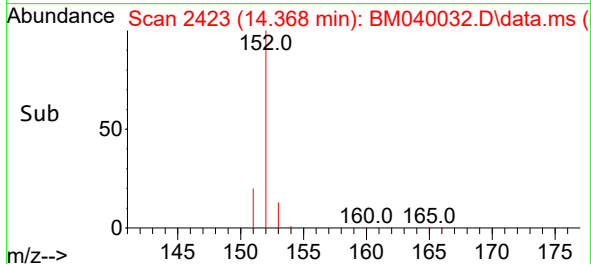
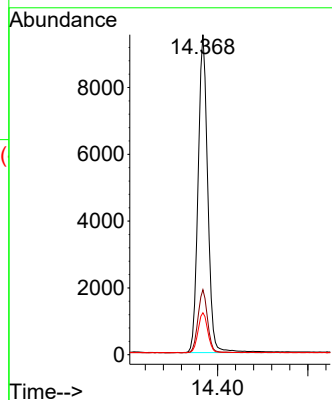
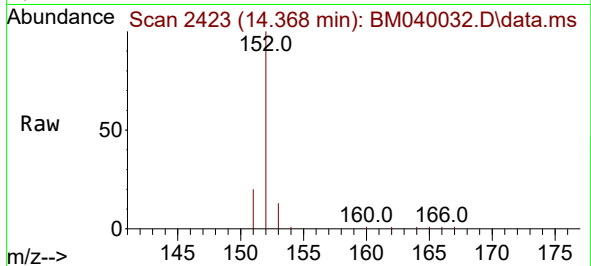




#10
Acenaphthylene
Concen: 0.356 ng/ul
RT: 14.368 min Scan# 2423
Delta R.T. -0.001 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

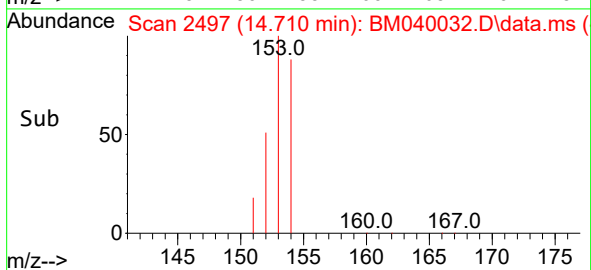
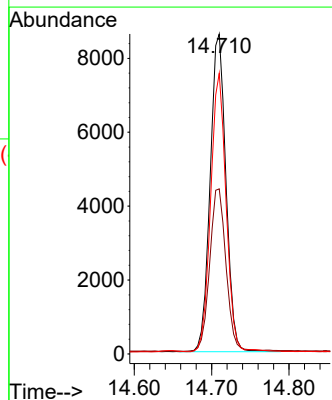
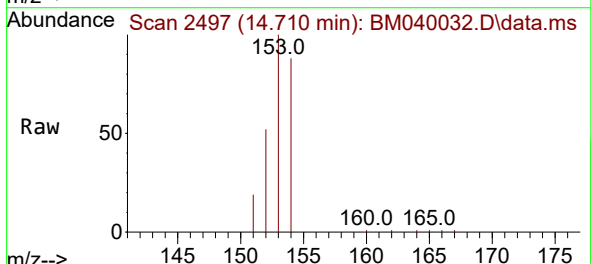
Instrument :
BNA_M
ClientSampleId :
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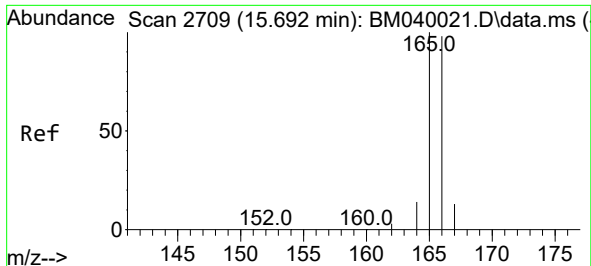
Tgt Ion:152	Resp:	14167
Ion Ratio	Lower	Upper
152	100	
151	20.3	16.2 24.4
153	13.1	10.6 16.0



#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.710 min Scan# 2497
Delta R.T. -0.001 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

Tgt Ion:153	Resp:	12150
Ion Ratio	Lower	Upper
153	100	
152	51.6	42.0 63.0
154	87.7	69.4 104.2

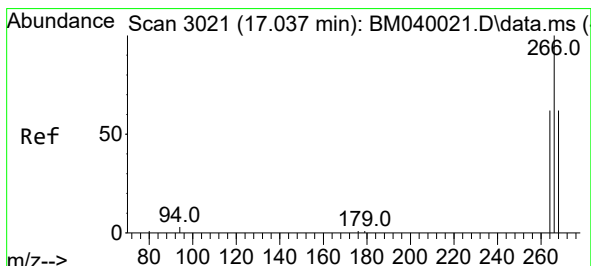
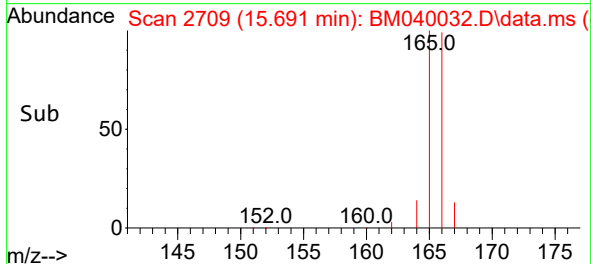
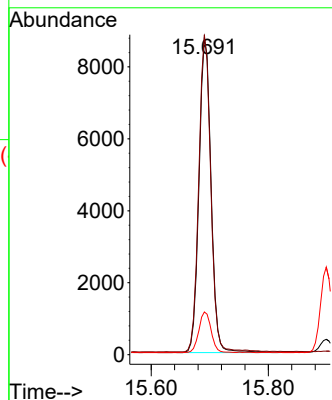
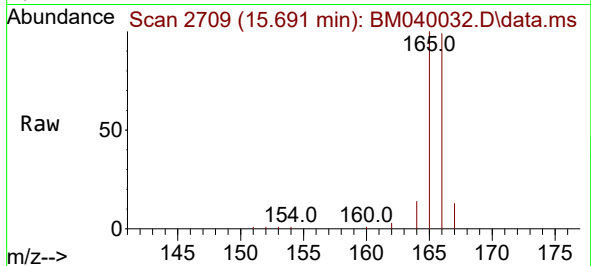




#12
Fluorene
Concen: 0.371 ng/ul
RT: 15.691 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

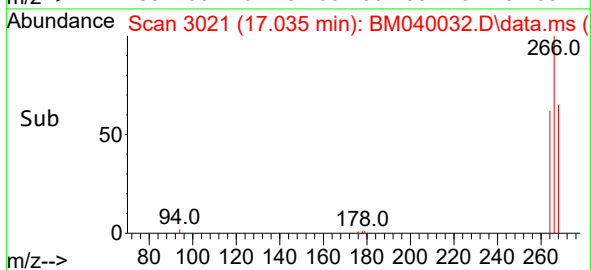
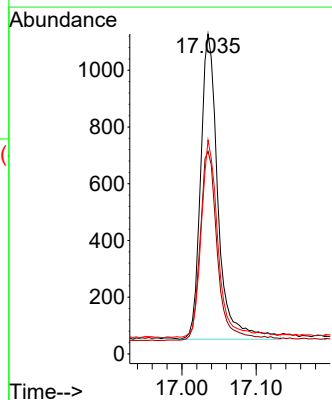
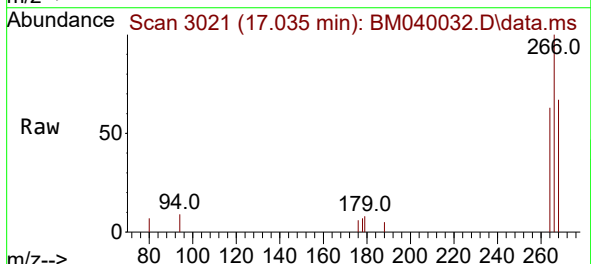
Instrument :
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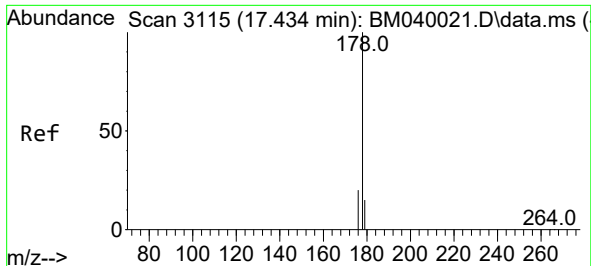
Tgt Ion:166 Resp: 12516
Ion Ratio Lower Upper
166 100
165 101.0 79.3 118.9
167 13.5 10.8 16.2



#14
Pentachlorophenol
Concen: 0.462 ng/ul
RT: 17.035 min Scan# 3021
Delta R.T. -0.006 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

Tgt Ion:266 Resp: 1751
Ion Ratio Lower Upper
266 100
264 61.7 49.2 73.8
268 64.2 51.9 77.9

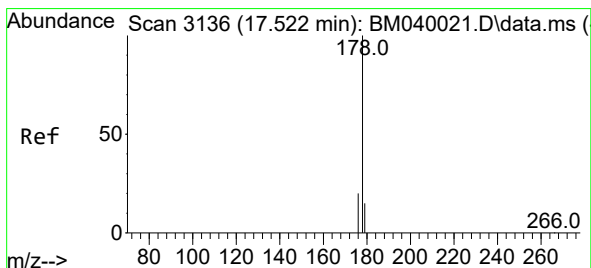
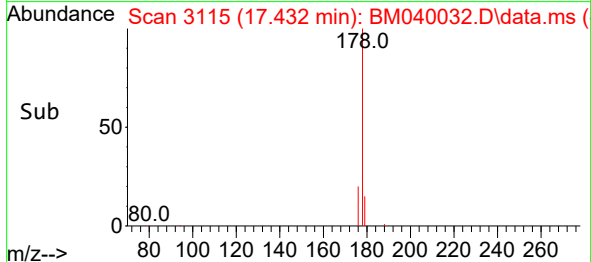
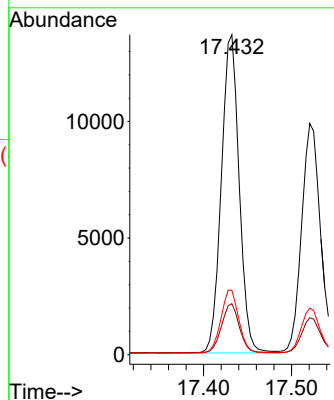
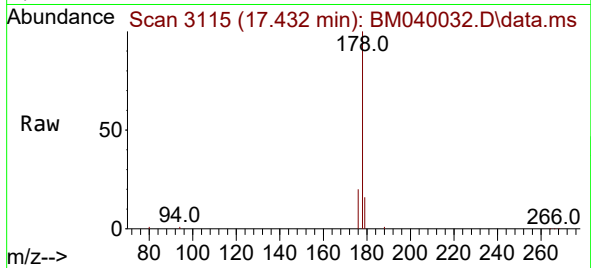




#15
Phenanthrene
Concen: 0.363 ng/ul
RT: 17.432 min Scan# 3115
Delta R.T. -0.001 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

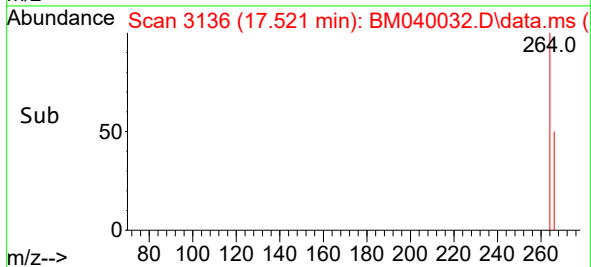
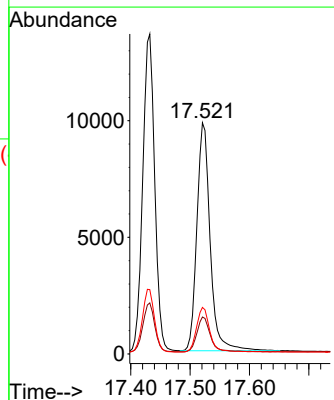
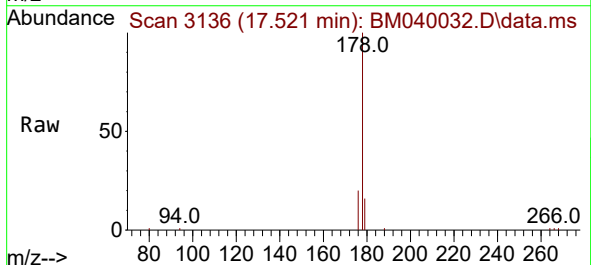
Instrument :
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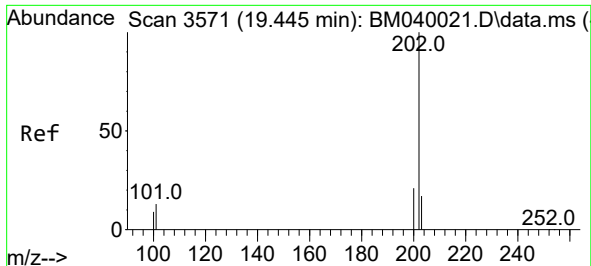
Tgt Ion:178 Resp: 19185
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 20.1 16.3 24.5



#16
Anthracene
Concen: 0.343 ng/ul
RT: 17.521 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

Tgt Ion:178 Resp: 15200
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 20.1 15.5 23.3

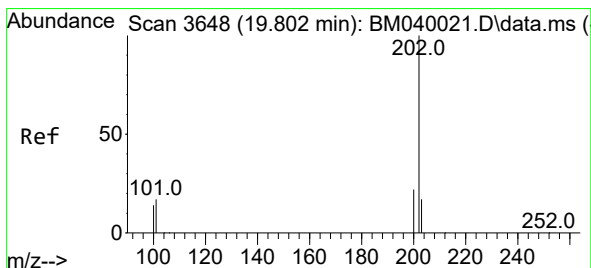
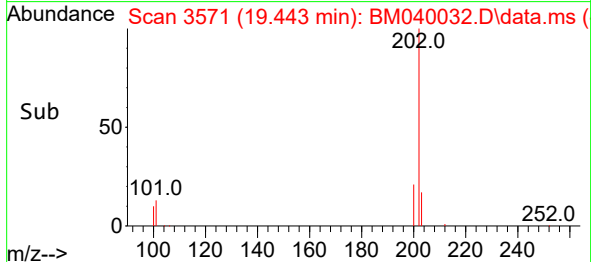
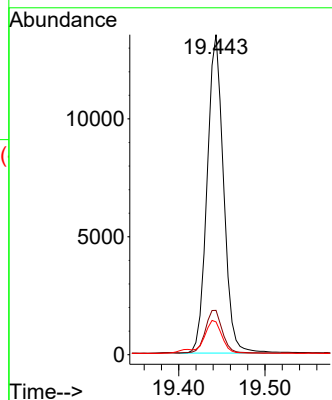
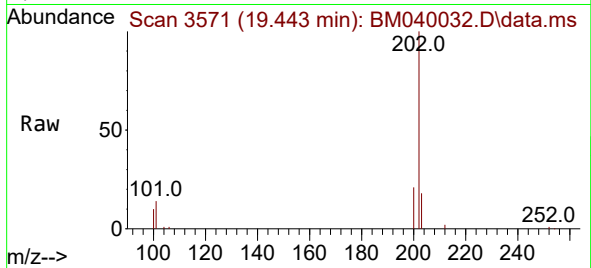




#19
Fluoranthene
Concen: 0.364 ng/ul
RT: 19.443 min Scan# 3571
Delta R.T. -0.001 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

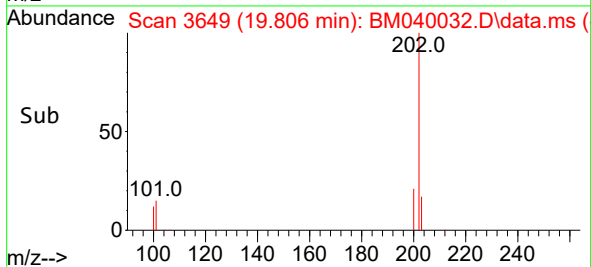
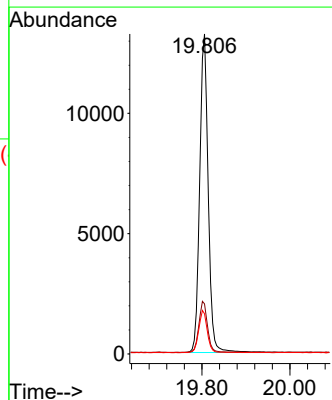
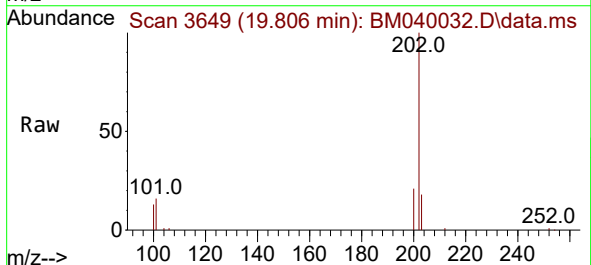
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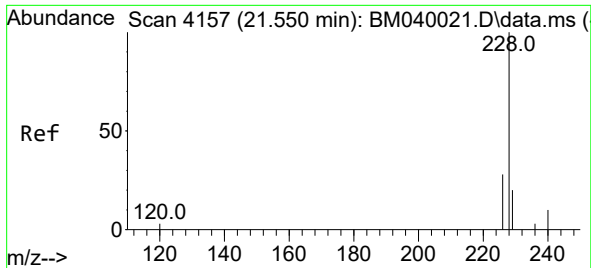
Tgt Ion:202 Resp: 17905
Ion Ratio Lower Upper
202 100
101 13.9 11.5 17.3
100 10.3 8.5 12.7



#20
Pyrene
Concen: 0.357 ng/ul
RT: 19.806 min Scan# 3649
Delta R.T. -0.001 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

Tgt Ion:202 Resp: 17780
Ion Ratio Lower Upper
202 100
101 15.7 13.3 19.9
100 12.6 10.9 16.3

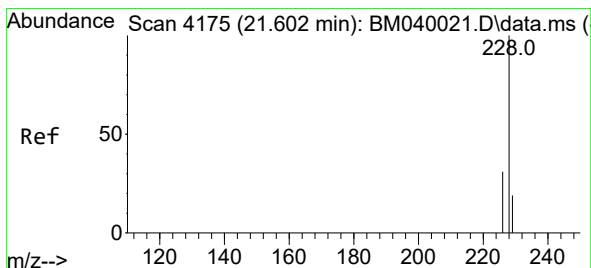
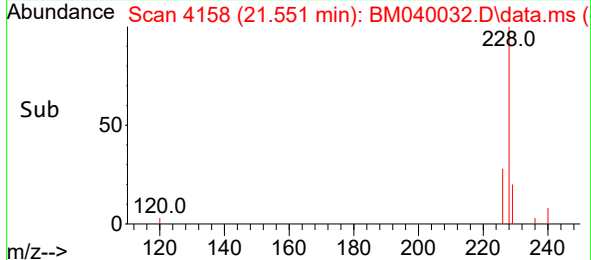
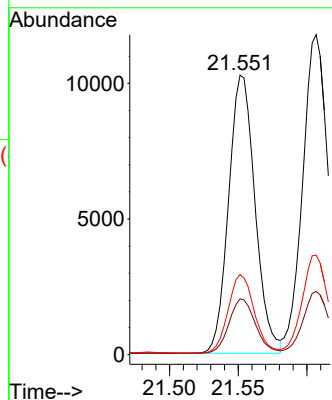
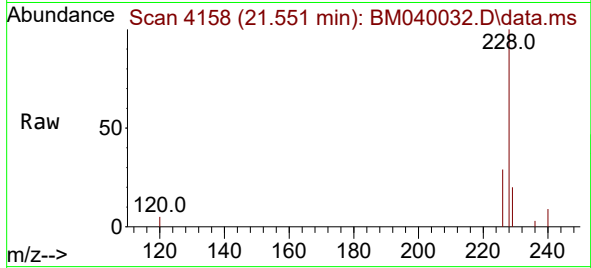




#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.551 min Scan# 4157
Delta R.T. -0.004 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

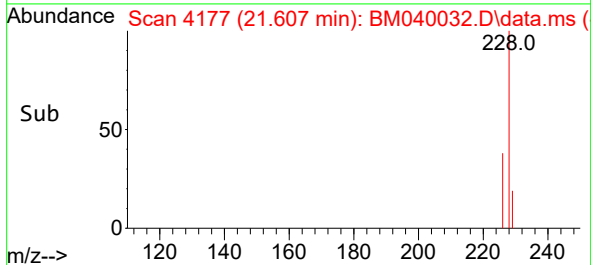
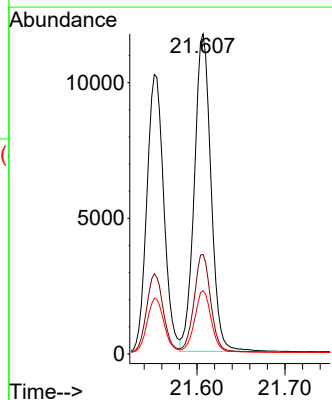
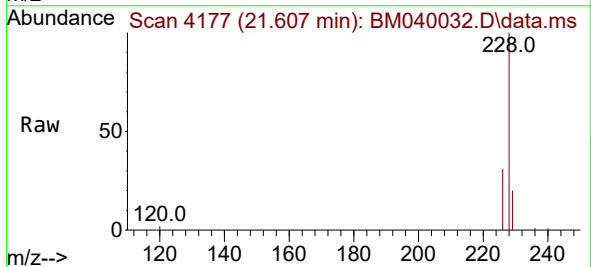
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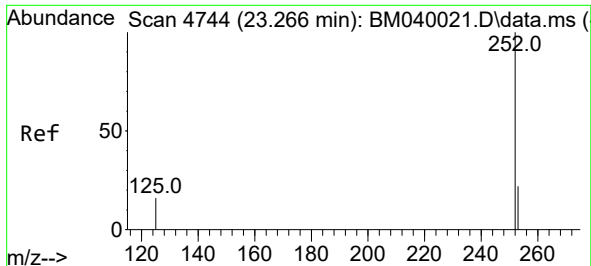
Tgt Ion:228 Resp: 13728
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 28.7 22.5 33.7



#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.607 min Scan# 4177
Delta R.T. -0.004 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

Tgt Ion:228 Resp: 15432
Ion Ratio Lower Upper
228 100
226 31.1 24.6 36.8
229 19.7 15.6 23.4

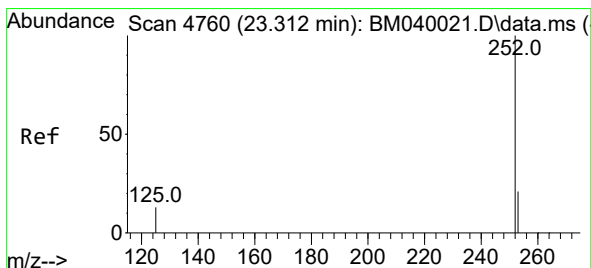
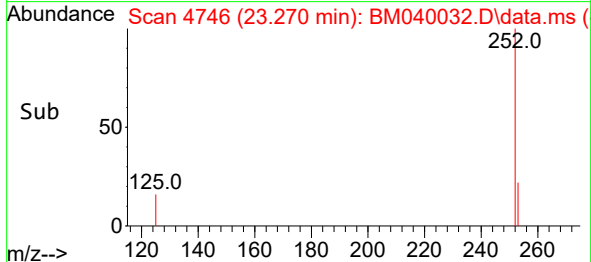
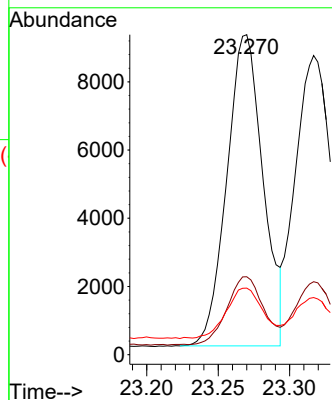
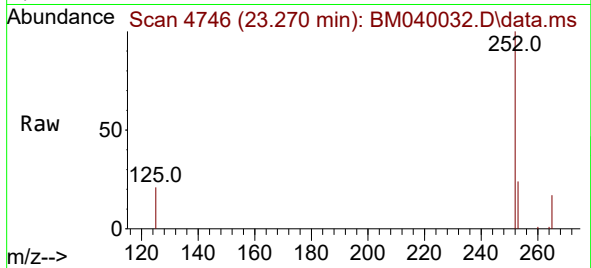




#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 23.270 min Scan# 4744
Delta R.T. -0.004 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

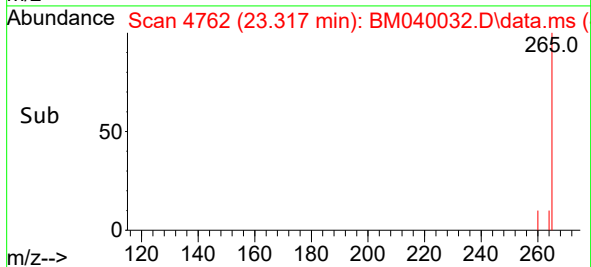
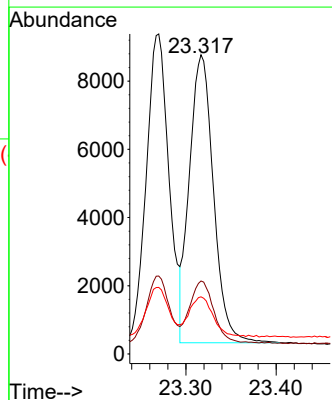
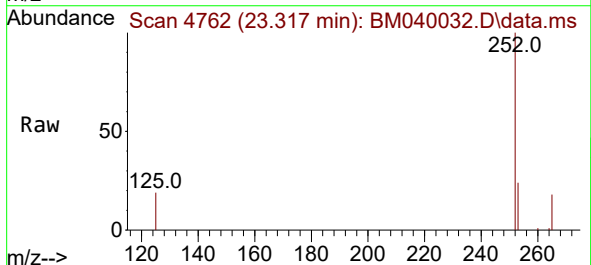
Instrument :
BNA_M
ClientSampleId :
SLCS972

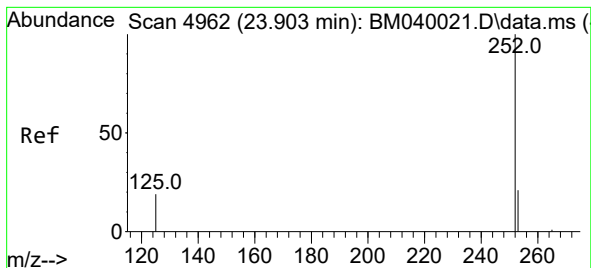
Tgt Ion:252 Resp: 16125
Ion Ratio Lower Upper
252 100
253 24.4 0.0 49.8
125 20.8 0.0 39.2



#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul
RT: 23.317 min Scan# 4762
Delta R.T. -0.007 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

Tgt Ion:252 Resp: 15652
Ion Ratio Lower Upper
252 100
253 24.4 19.7 29.5
125 19.1 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.374 ng/ul

RT: 23.904 min Scan# 4962

Delta R.T. -0.010 min

Lab File: BM040032.D

Acq: 26 May 2023 09:53

Instrument :

BNA_M

ClientSampleId :

SLCS972

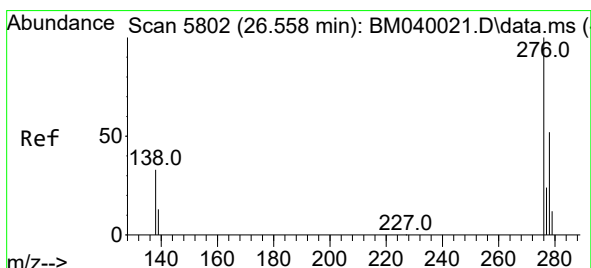
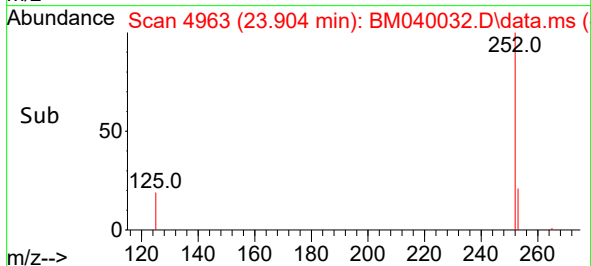
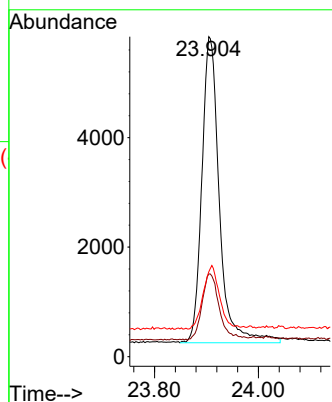
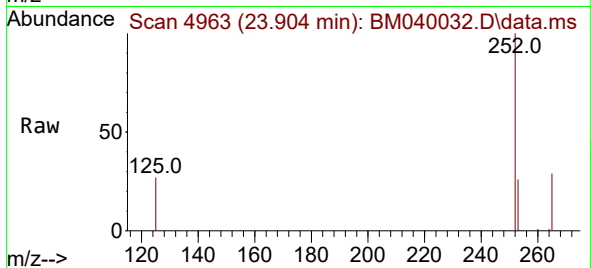
Tgt Ion:252 Resp: 13097

Ion Ratio Lower Upper

252 100

253 25.8 20.6 31.0

125 26.5 19.1 28.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.330 ng/ul

RT: 26.563 min Scan# 5804

Delta R.T. -0.008 min

Lab File: BM040032.D

Acq: 26 May 2023 09:53

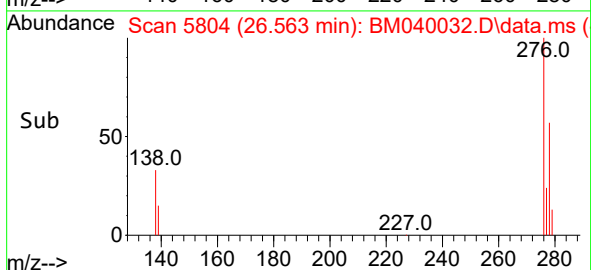
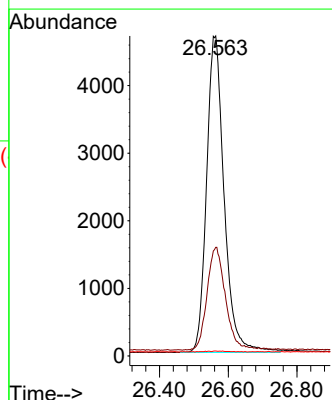
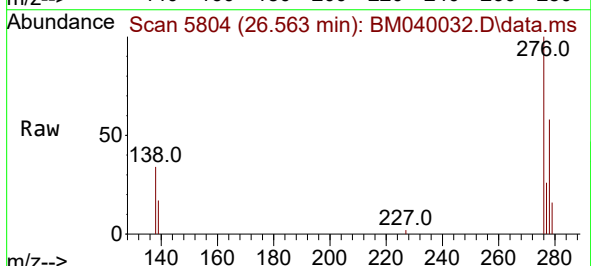
Tgt Ion:276 Resp: 16634

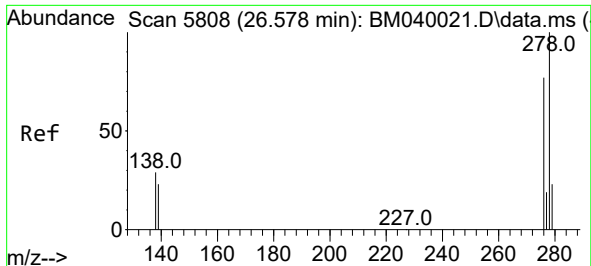
Ion Ratio Lower Upper

276 100

138 33.8 26.9 40.3

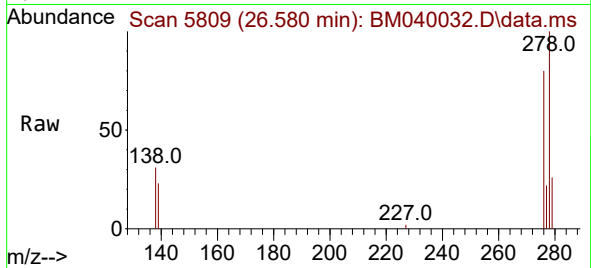
227 0.2 0.1 0.1#



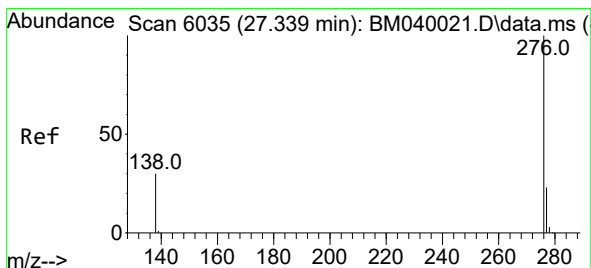
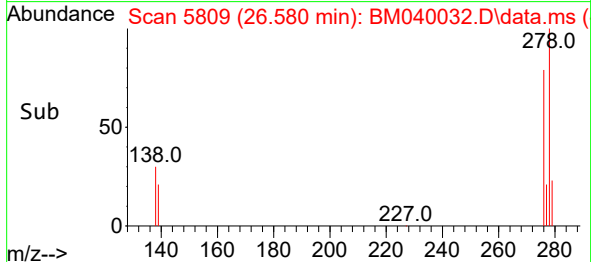
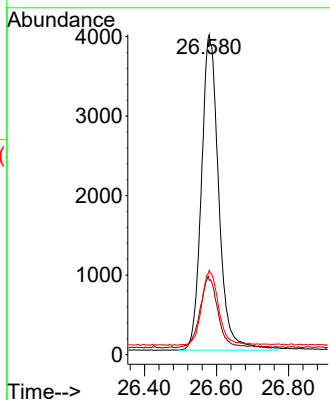


#28
Dibenzo(a,h)anthracene
Concen: 0.325 ng/ul
RT: 26.580 min Scan# 5808
Delta R.T. -0.015 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

Instrument :
BNA_M
ClientSampleId :
SLCS972



Tgt Ion:278 Resp: 13228
Ion Ratio Lower Upper
278 100
139 23.3 19.0 28.4
279 26.3 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.318 ng/ul
RT: 27.338 min Scan# 6035
Delta R.T. -0.018 min
Lab File: BM040032.D
Acq: 26 May 2023 09:53

Tgt Ion:276 Resp: 13137
Ion Ratio Lower Upper
276 100
138 31.3 23.9 35.9
277 25.7 19.5 29.3

