

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110623\
 Data File : BM042605.D
 Acq On : 07 Nov 2023 00:44
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV014

Quant Time: Nov 07 02:24:31 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

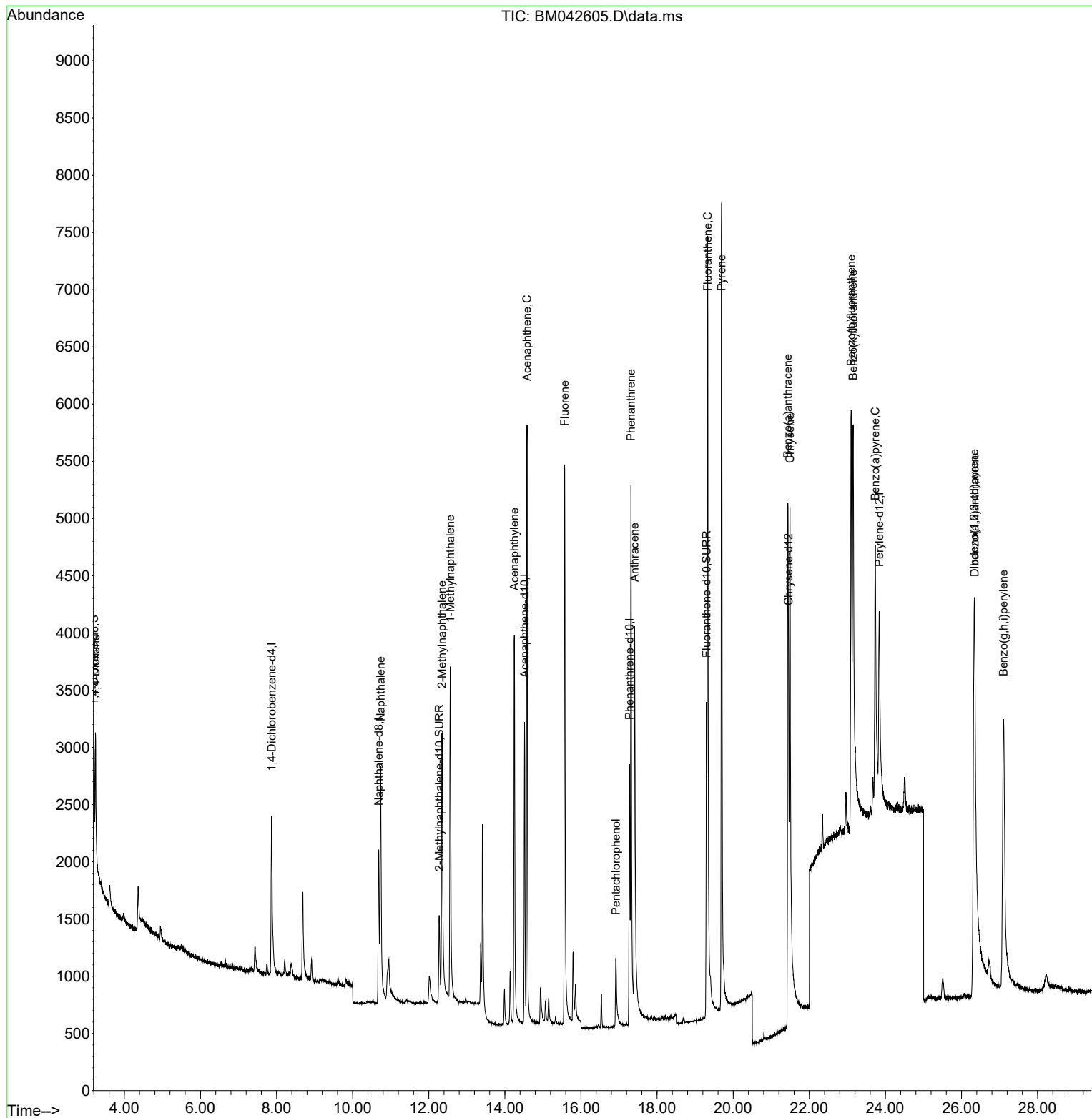
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	979	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	2439	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.518	164	1476	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	3165	0.400	ng/ul	0.00
17) Chrysene-d12	21.454	240	2404	0.400	ng/ul	0.00
23) Perylene-d12	23.839	264	2890	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.208	96	527	0.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	1487	0.437	ng/ul	0.00
18) Fluoranthene-d10	19.297	212	3695	0.444	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	718	0.467	ng/ul	96
5) Naphthalene	10.735	128	3768	0.478	ng/ul	99
7) 2-Methylnaphthalene	12.346	142	2407	0.476	ng/ul	96
8) 1-Methylnaphthalene	12.566	142	2390	0.467	ng/ul	99
10) Acenaphthylene	14.250	152	4756	0.471	ng/ul	99
11) Acenaphthene	14.583	153	3214	0.469	ng/ul	99
12) Fluorene	15.573	166	3819	0.486	ng/ul	99
14) Pentachlorophenol	16.919	266	659	0.408	ng/ul	97
15) Phenanthrene	17.312	178	5816	0.474	ng/ul	99
16) Anthracene	17.409	178	5128	0.462	ng/ul	100
19) Fluoranthene	19.329	202	7077	0.471	ng/ul	98
20) Pyrene	19.696	202	7763	0.470	ng/ul	99
21) Benzo(a)anthracene	21.437	228	4659	0.435	ng/ul	99
22) Chrysene	21.492	228	5158	0.466	ng/ul	99
24) Benzo(b)fluoranthene	23.102	252	5471	0.469	ng/ul	99
25) Benzo(k)fluoranthene	23.152	252	5639	0.461	ng/ul	99
26) Benzo(a)pyrene	23.734	252	5597	0.463	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.330	276	7773	0.495	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.347	278	5512	0.491	ng/ul	97
29) Benzo(g,h,i)perylene	27.105	276	7297	0.499	ng/ul	98

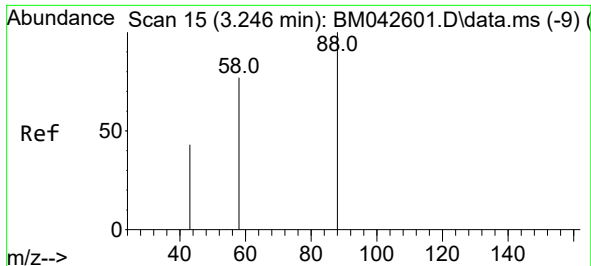
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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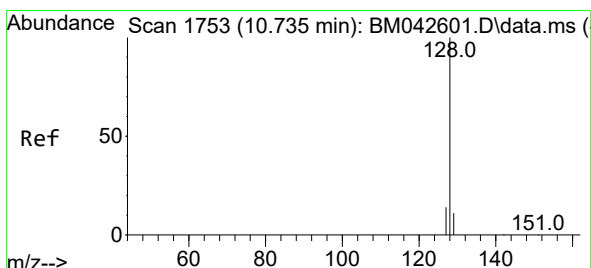
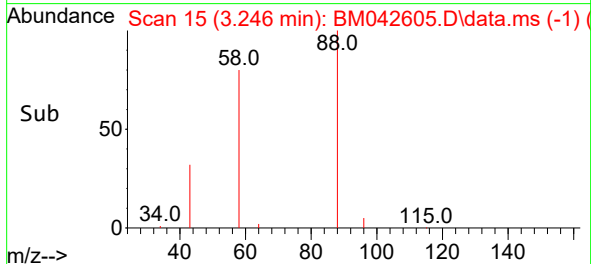
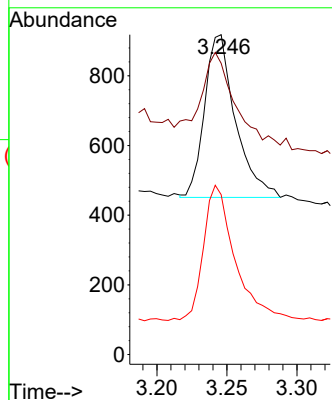
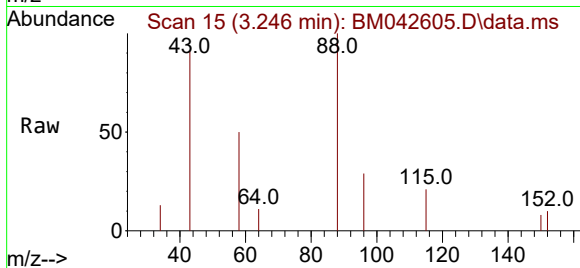




#2
1,4-Dioxane
Concen: 0.467 ng/ul
RT: 3.246 min Scan# 15
Delta R.T. -0.000 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

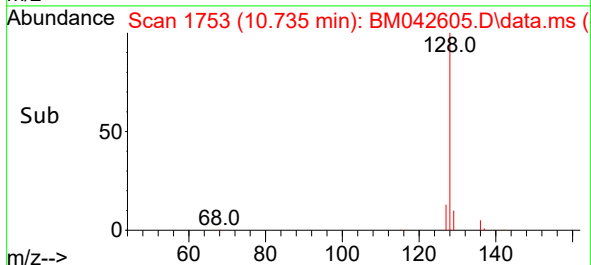
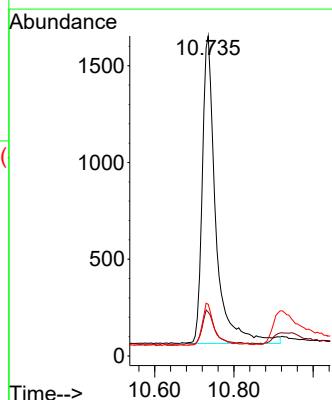
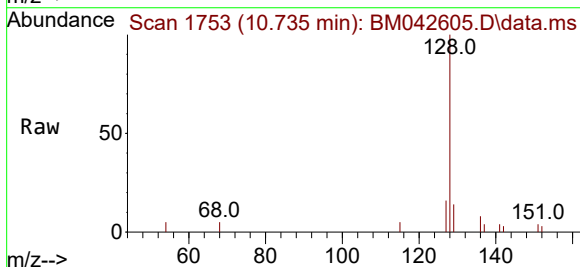
Instrument :
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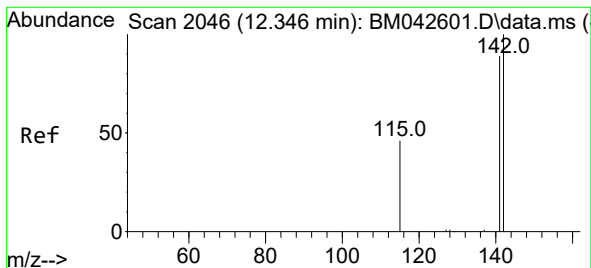
Tgt Ion: 88 Resp: 718
Ion Ratio Lower Upper
88 100
43 91.1 77.5 116.3
58 50.0 40.9 61.3



#5
Naphthalene
Concen: 0.478 ng/ul
RT: 10.735 min Scan# 1753
Delta R.T. -0.000 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

Tgt Ion:128 Resp: 3768
Ion Ratio Lower Upper
128 100
129 13.7 11.3 16.9
127 16.1 13.0 19.4

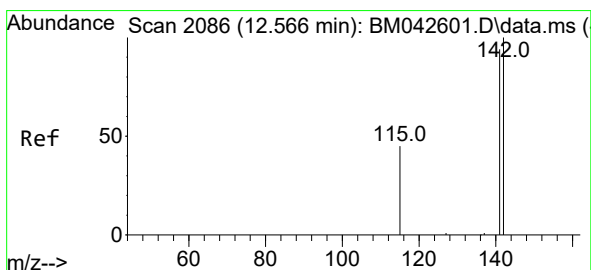
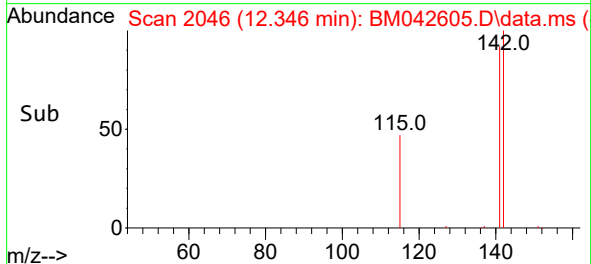
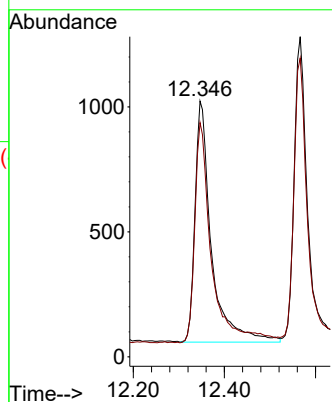
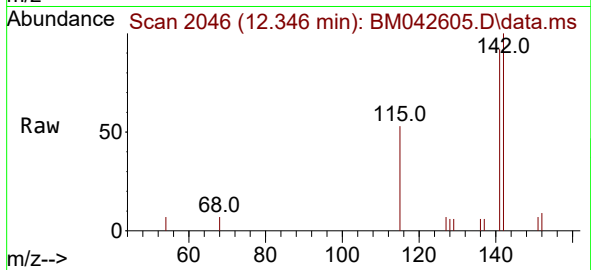




#7
2-Methylnaphthalene
Concen: 0.476 ng/ul
RT: 12.346 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

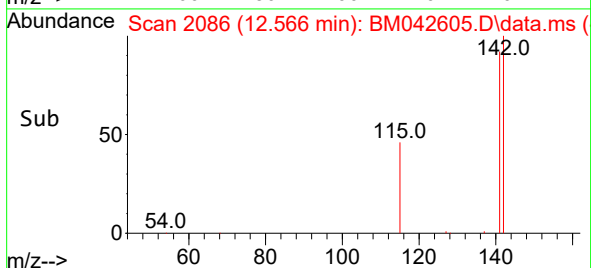
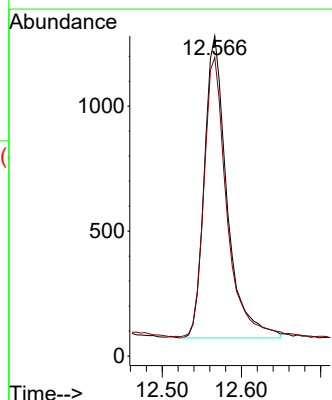
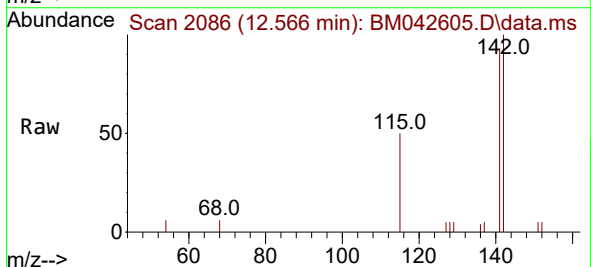
Instrument :
BNA_M
ClientSampleId :
SICV014

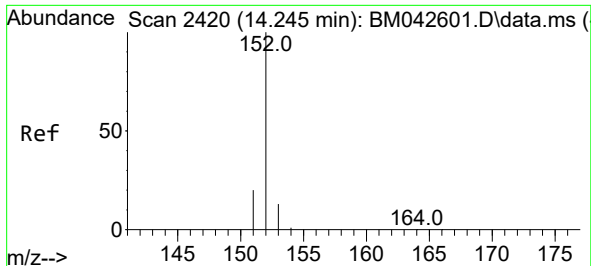
Tgt Ion:142 Resp: 2407
Ion Ratio Lower Upper
142 100
141 93.8 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.467 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

Tgt Ion:142 Resp: 2390
Ion Ratio Lower Upper
142 100
141 93.4 75.4 113.2

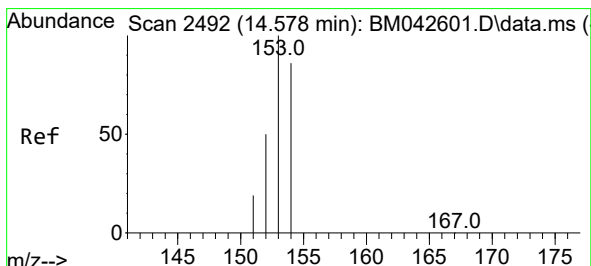
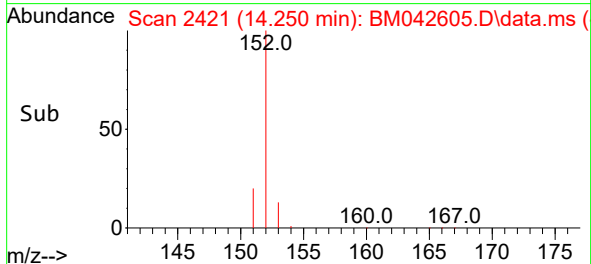
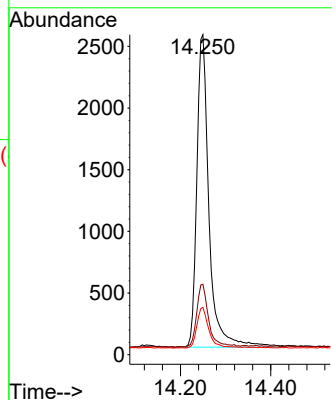
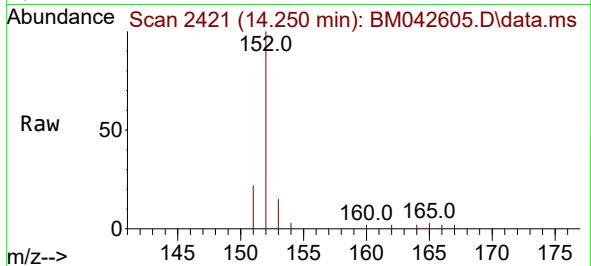




#10
Acenaphthylene
Concen: 0.471 ng/ul
RT: 14.250 min Scan# 2421
Delta R.T. 0.005 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

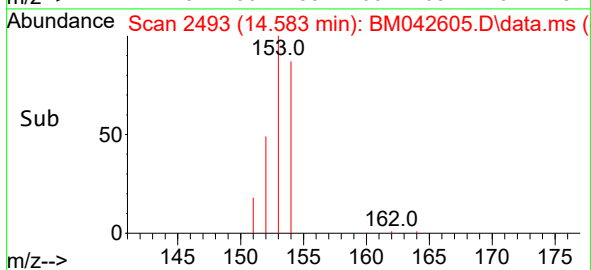
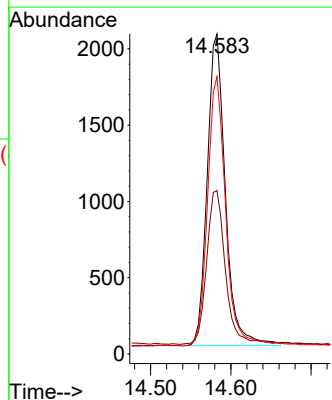
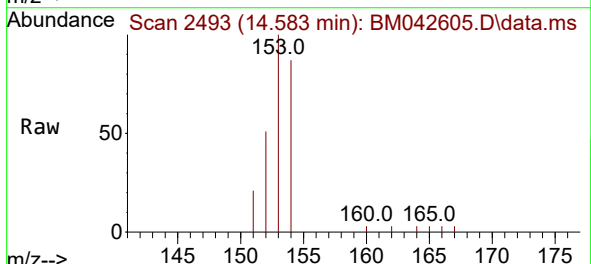
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ClientSampleId :
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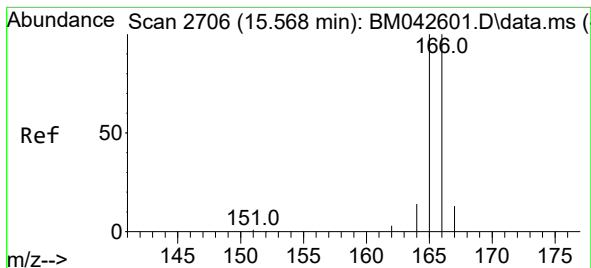
Tgt Ion:152 Resp: 4756
Ion Ratio Lower Upper
152 100
151 22.0 17.2 25.8
153 14.8 11.8 17.8



#11
Acenaphthene
Concen: 0.469 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. 0.005 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

Tgt Ion:153 Resp: 3214
Ion Ratio Lower Upper
153 100
152 51.0 41.8 62.6
154 86.7 69.2 103.8





#12

Fluorene

Concen: 0.486 ng/ul

RT: 15.573 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM042605.D

Acq: 07 Nov 2023 00:44

Instrument :

BNA_M

ClientSampleId :

SICV014

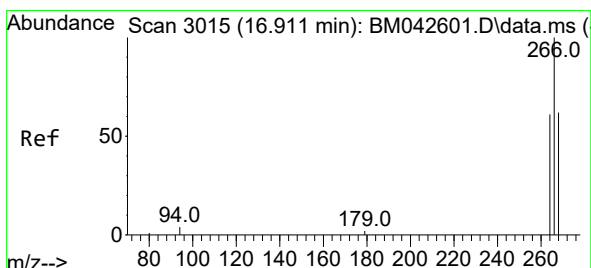
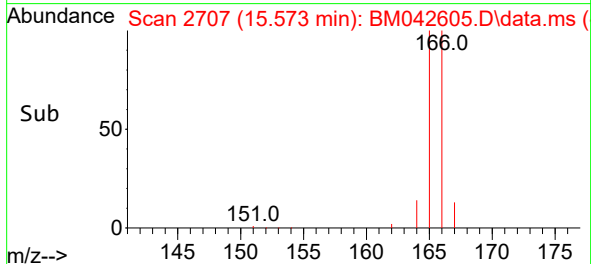
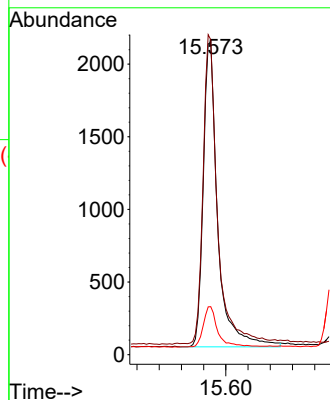
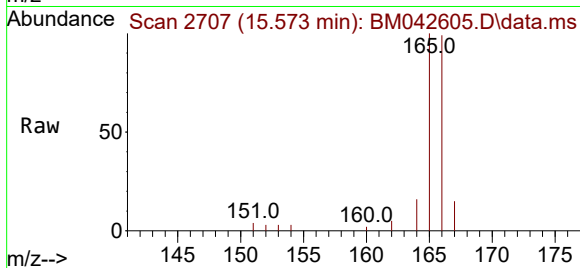
Tgt Ion:166 Resp: 3819

Ion Ratio Lower Upper

166 100

165 100.8 81.2 121.8

167 15.4 11.9 17.9



#14

Pentachlorophenol

Concen: 0.408 ng/ul

RT: 16.919 min Scan# 3017

Delta R.T. 0.008 min

Lab File: BM042605.D

Acq: 07 Nov 2023 00:44

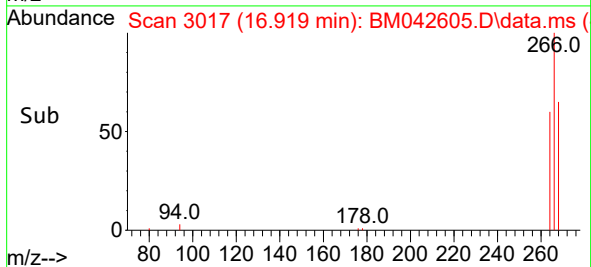
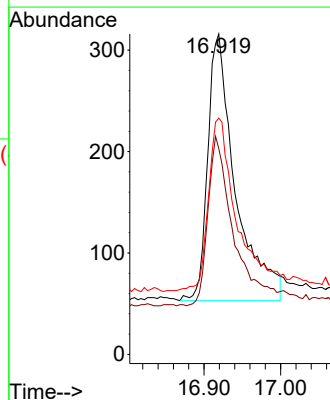
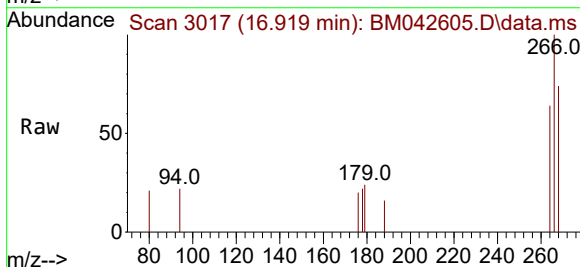
Tgt Ion:266 Resp: 659

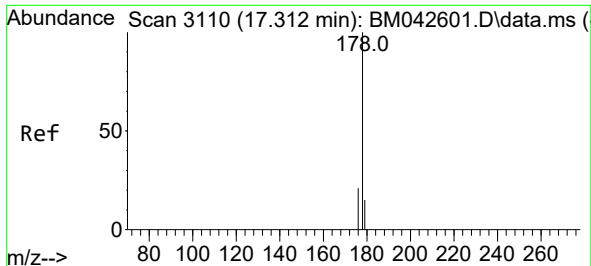
Ion Ratio Lower Upper

266 100

264 59.2 50.4 75.6

268 67.4 54.8 82.2

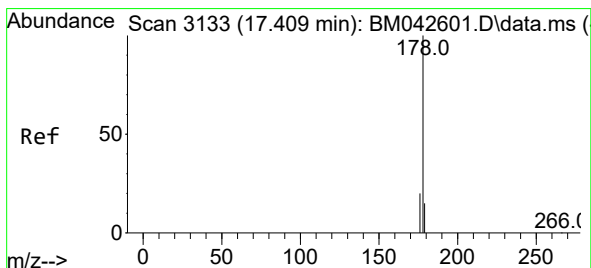
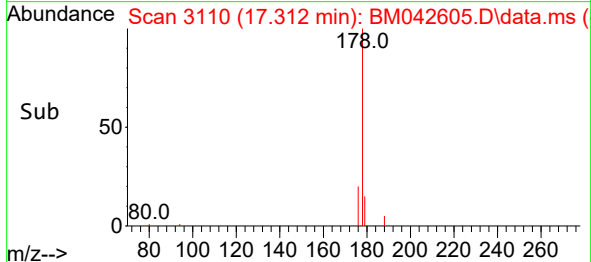
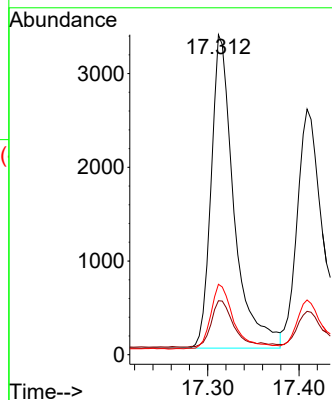
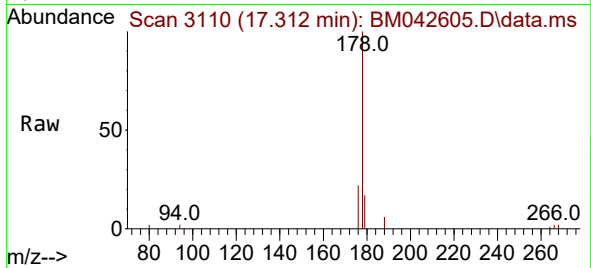




#15
Phenanthrene
Concen: 0.474 ng/ul
RT: 17.312 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

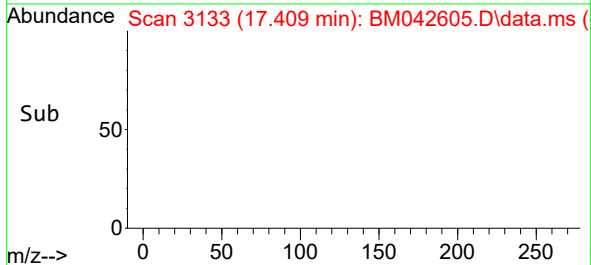
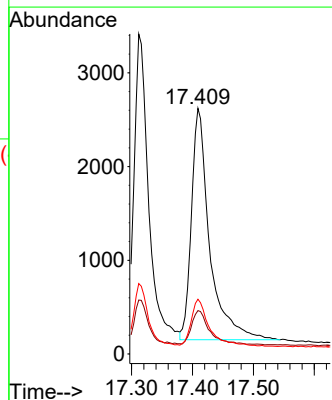
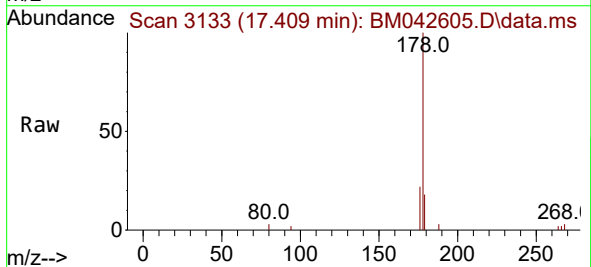
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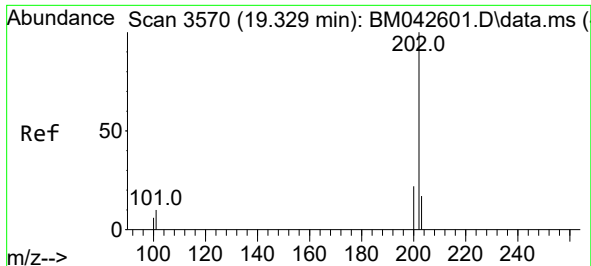
Tgt Ion:178 Resp: 5816
Ion Ratio Lower Upper
178 100
179 16.9 13.7 20.5
176 22.0 18.2 27.2



#16
Anthracene
Concen: 0.462 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

Tgt Ion:178 Resp: 5128
Ion Ratio Lower Upper
178 100
179 17.7 14.2 21.4
176 22.3 17.6 26.4

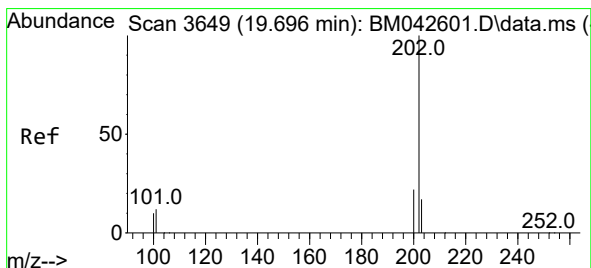
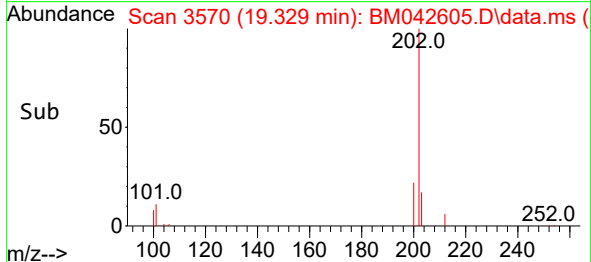
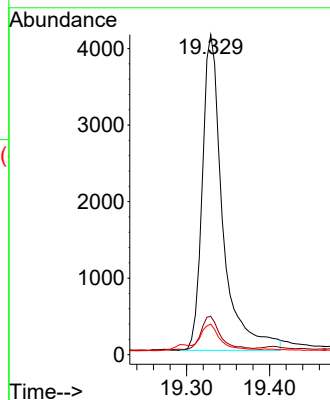
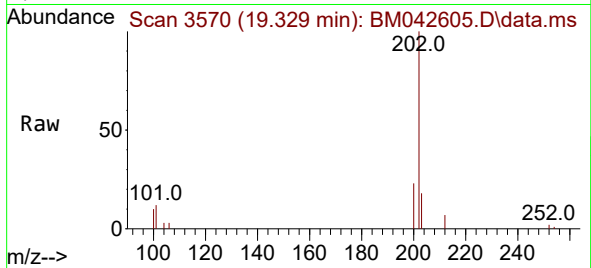




#19
Fluoranthene
Concen: 0.471 ng/ul
RT: 19.329 min Scan# 3570
Delta R.T. -0.000 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

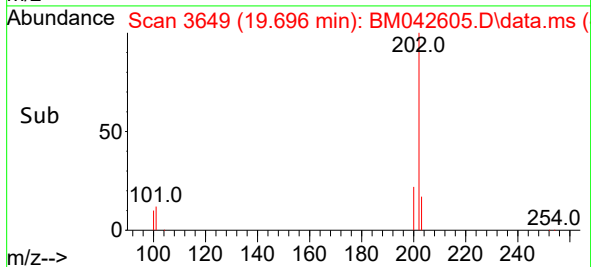
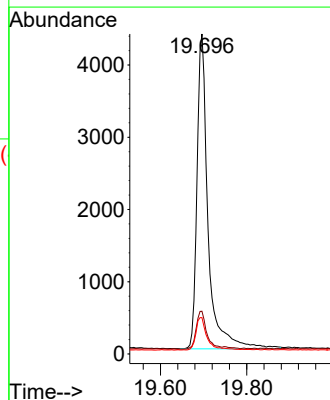
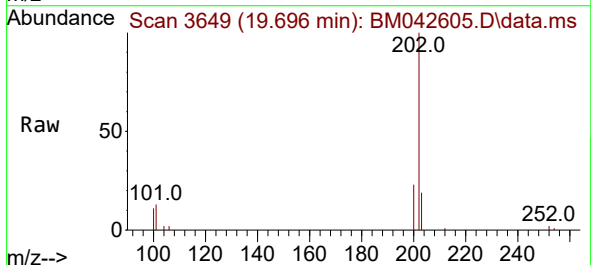
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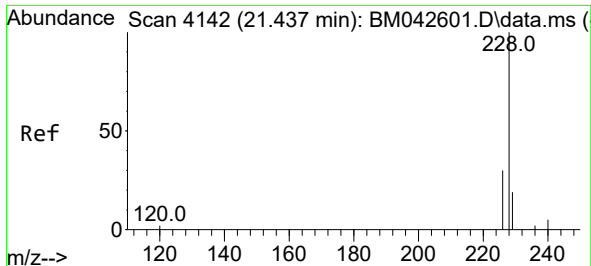
Tgt Ion:202 Resp: 7077
Ion Ratio Lower Upper
202 100
101 12.0 9.0 13.6
100 9.5 7.3 10.9



#20
Pyrene
Concen: 0.470 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.000 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

Tgt Ion:202 Resp: 7763
Ion Ratio Lower Upper
202 100
101 13.3 10.6 16.0
100 11.3 8.6 13.0

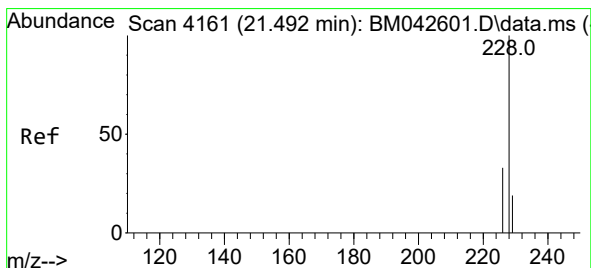
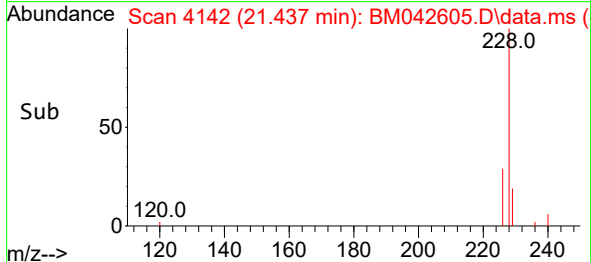
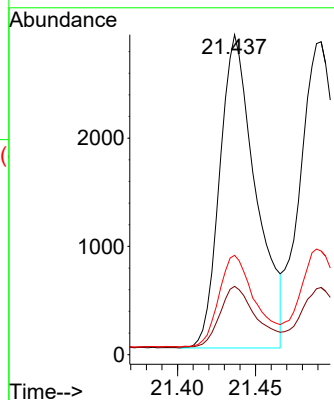
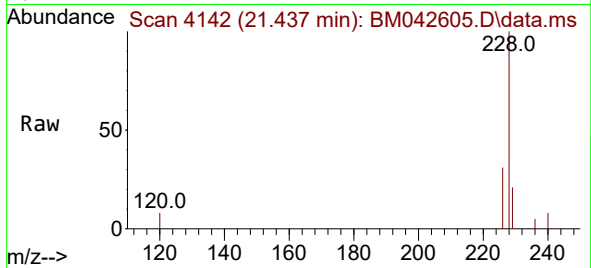




#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.437 min Scan# 4142
Delta R.T. -0.000 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

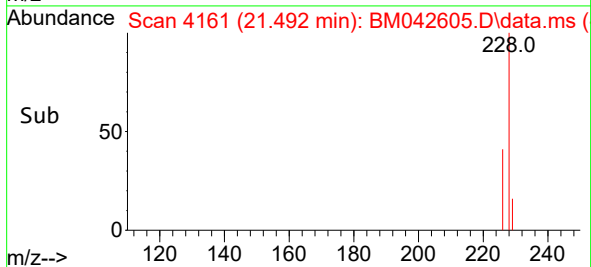
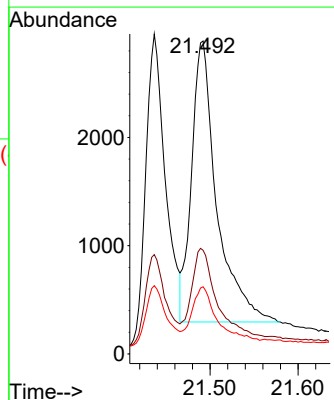
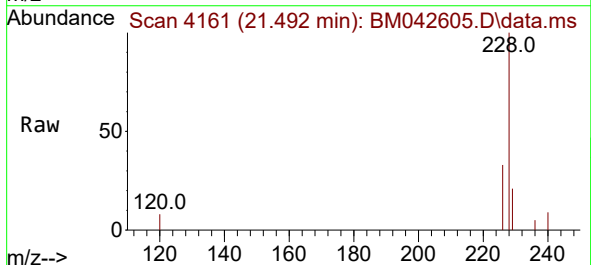
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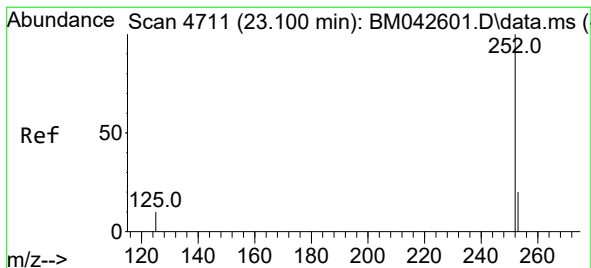
Tgt Ion:228 Resp: 4659
Ion Ratio Lower Upper
228 100
229 21.3 17.0 25.4
226 31.1 25.2 37.8



#22
Chrysene
Concen: 0.466 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. -0.000 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

Tgt Ion:228 Resp: 5158
Ion Ratio Lower Upper
228 100
226 33.1 27.4 41.0
229 21.4 17.0 25.6





#24

Benzo(b)fluoranthene

Concen: 0.469 ng/ul

RT: 23.102 min Scan# 4711

Delta R.T. 0.003 min

Lab File: BM042605.D

Acq: 07 Nov 2023 00:44

Instrument :

BNA_M

ClientSampleId :

SICV014

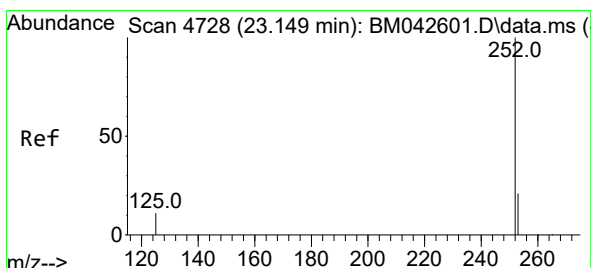
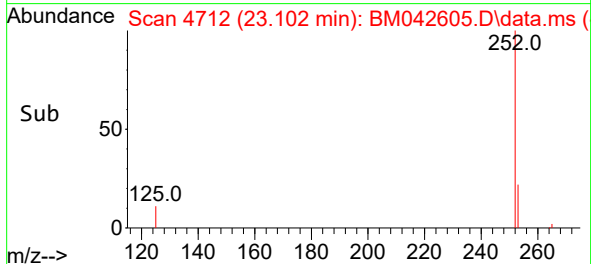
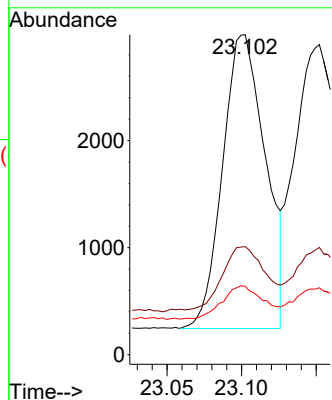
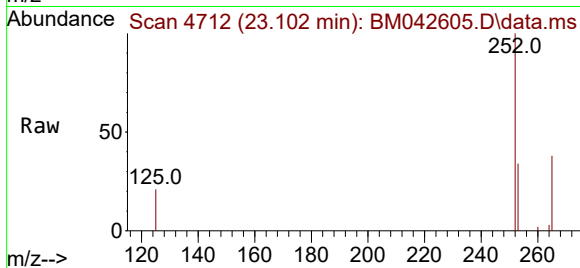
Tgt Ion:252 Resp: 5471

Ion Ratio Lower Upper

252 100

253 33.8 0.0 65.8

125 21.3 0.0 43.6



#25

Benzo(k)fluoranthene

Concen: 0.461 ng/ul

RT: 23.152 min Scan# 4729

Delta R.T. 0.003 min

Lab File: BM042605.D

Acq: 07 Nov 2023 00:44

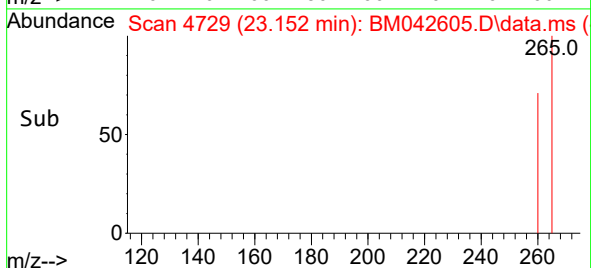
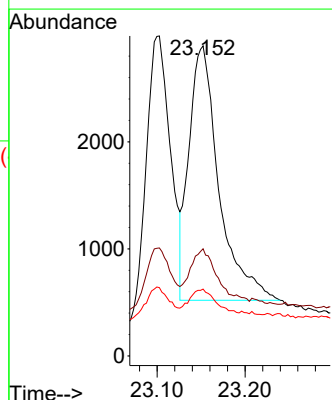
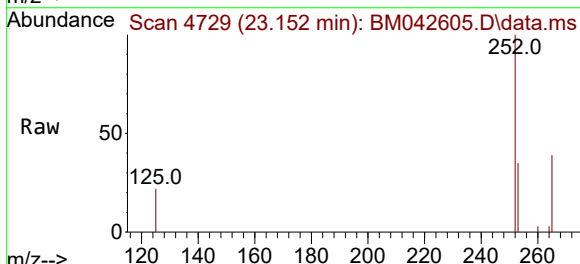
Tgt Ion:252 Resp: 5639

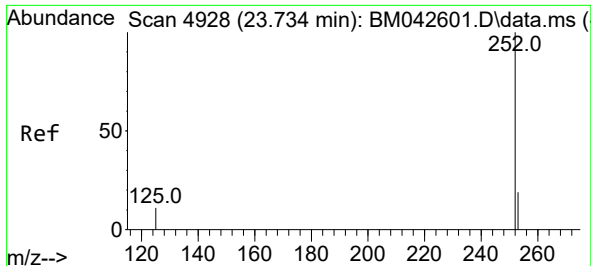
Ion Ratio Lower Upper

252 100

253 34.6 27.0 40.6

125 21.6 17.5 26.3

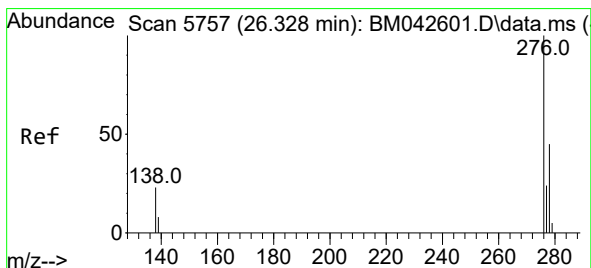
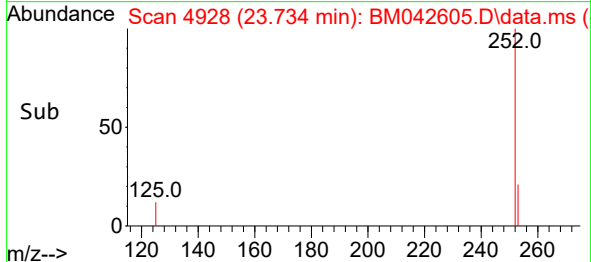
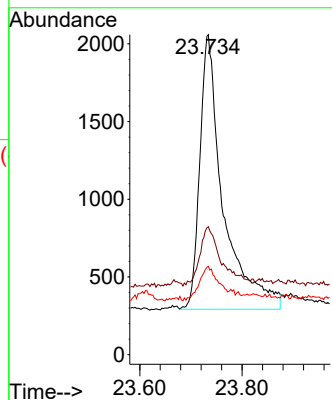
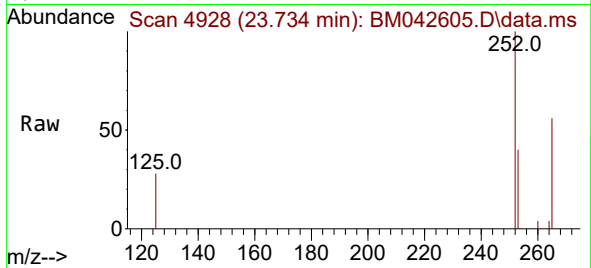




#26
Benzo(a)pyrene
Concen: 0.463 ng/ul
RT: 23.734 min Scan# 4928
Delta R.T. -0.000 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

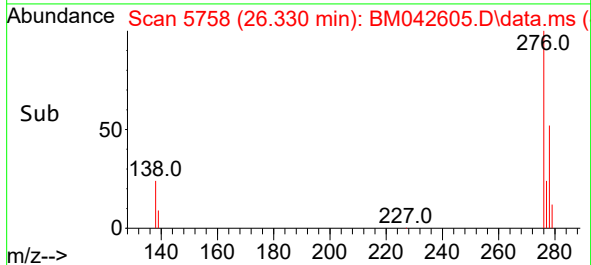
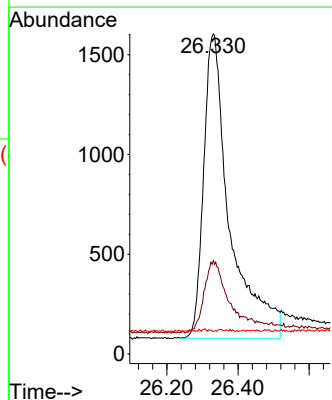
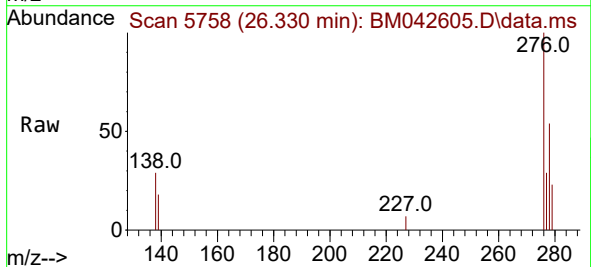
Instrument :
BNA_M
ClientSampleId :
SICV014

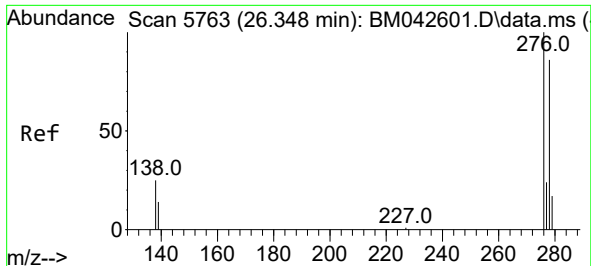
Tgt Ion:252 Resp: 5597
Ion Ratio Lower Upper
252 100
253 40.0 31.7 47.5
125 27.6 22.1 33.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.495 ng/ul
RT: 26.330 min Scan# 5758
Delta R.T. 0.003 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

Tgt Ion:276 Resp: 7773
Ion Ratio Lower Upper
276 100
138 25.0 20.7 31.1
227 0.1 0.1 0.1#

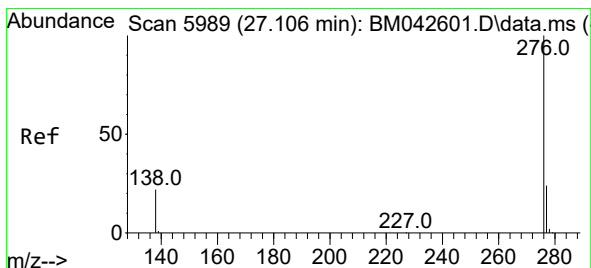
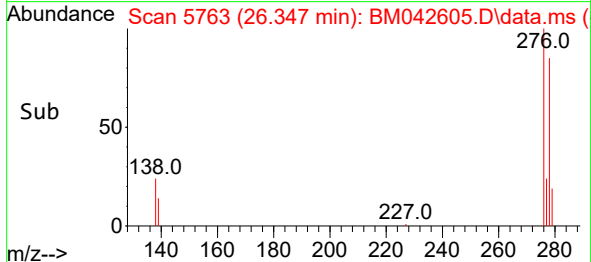
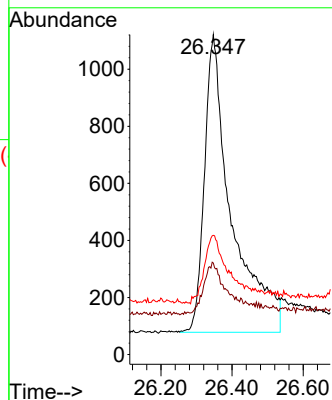
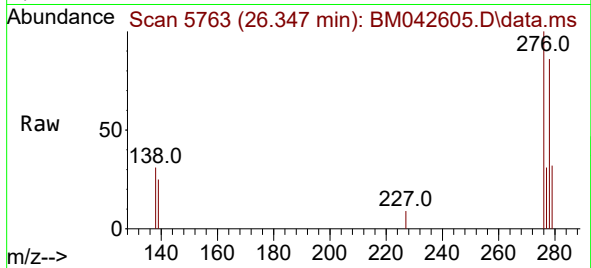




#28
Dibenzo(a,h)anthracene
Concen: 0.491 ng/ul
RT: 26.347 min Scan# 51
Delta R.T. -0.001 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

Instrument :
BNA_M
ClientSampleId :
SICV014

Tgt Ion:278 Resp: 5512
Ion Ratio Lower Upper
278 100
139 28.6 24.3 36.5
279 37.3 31.5 47.3



#29
Benzo(g,h,i)perylene
Concen: 0.499 ng/ul
RT: 27.105 min Scan# 5989
Delta R.T. -0.001 min
Lab File: BM042605.D
Acq: 07 Nov 2023 00:44

Tgt Ion:276 Resp: 7297
Ion Ratio Lower Upper
276 100
138 27.1 22.3 33.5
277 28.4 23.6 35.4

