

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043457.D
 Acq On : 20 Dec 2023 10:28
 Operator : MA/JU
 Sample : 05894-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH3N3

Quant Time: Dec 20 23:13:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

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

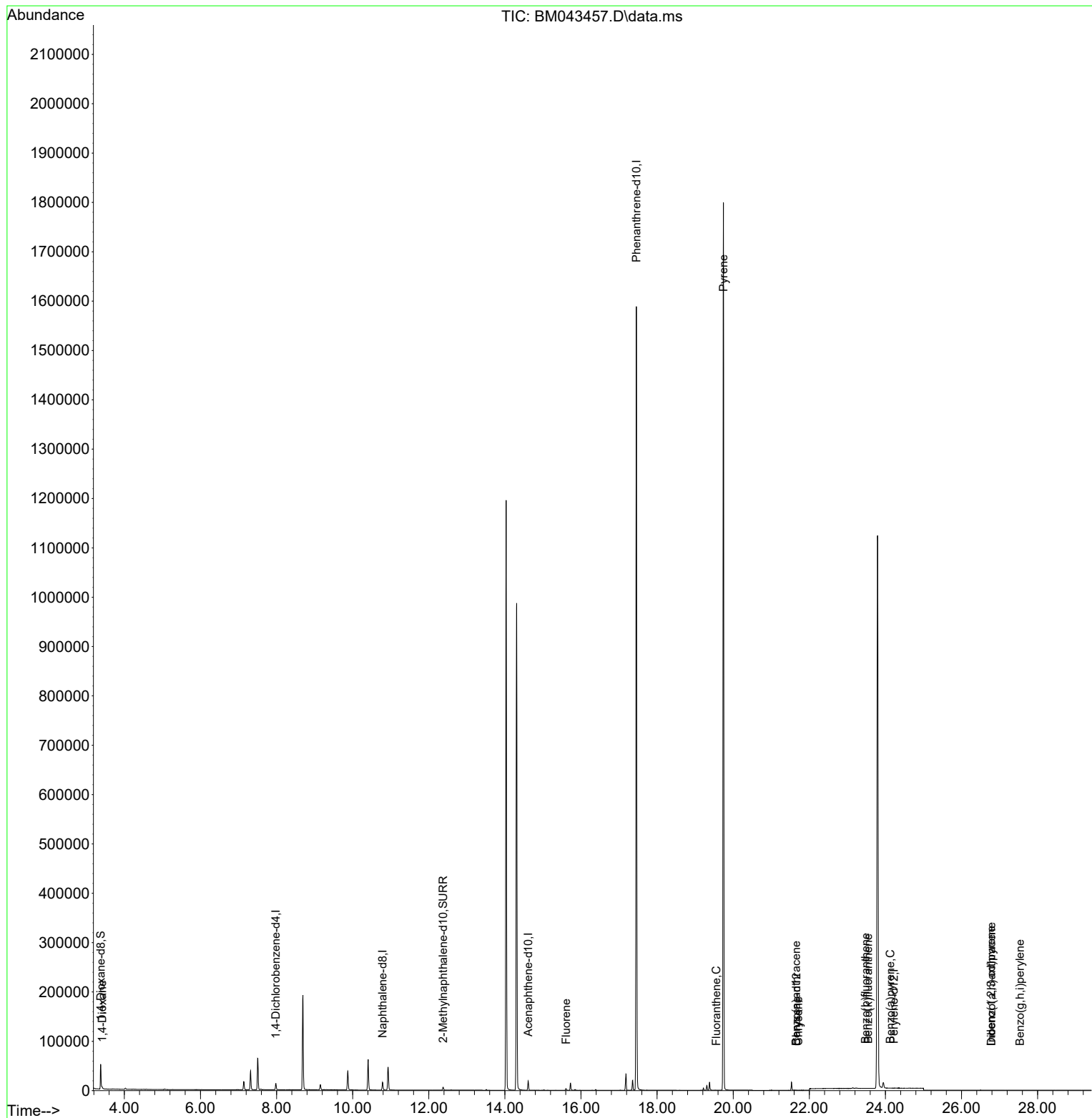
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	6527	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	20461	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.611	164	10517	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	1683197	0.400	ng/ul	# 0.10
17) Chrysene-d12	21.662	240	11	0.400	ng/ul	# 0.12
23) Perylene-d12	24.222	264	16	0.400	ng/ul	# 0.27
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	29891	3.624	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	8212	0.283	ng/ul	0.00
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.419	88	1466	0.177	ng/ul#	72
12) Fluorene	15.605	166	3062	0.064	ng/ul#	13
19) Fluoranthene	19.557	202	18	0.290	ng/ul#	1
20) Pyrene	19.743	202	3499	56.800	ng/ul#	1
21) Benzo(a)anthracene	21.653	228	9	0.186	ng/ul#	1
22) Chrysene	21.708	228	4	0.078	ng/ul#	1
24) Benzo(b)fluoranthene	23.480	252	20	0.275	ng/ul#	1
25) Benzo(k)fluoranthene	23.544	252	18	0.239	ng/ul#	1
26) Benzo(a)pyrene	24.132	252	34	0.567	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.777	276	8	0.117	ng/ul#	1
28) Dibenzo(a,h)anthracene	26.787	278	4	0.074	ng/ul#	1
29) Benzo(g,h,i)perylene	27.538	276	18	0.309	ng/ul#	1

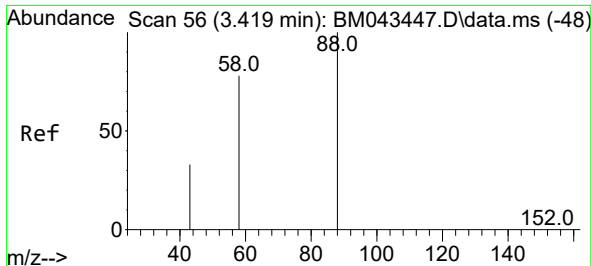
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
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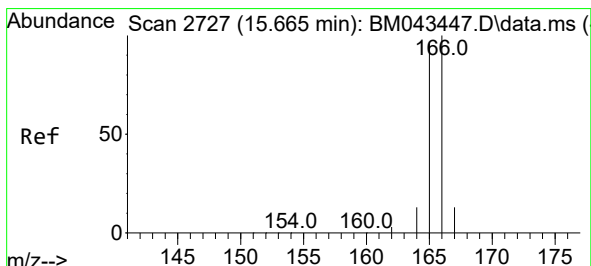
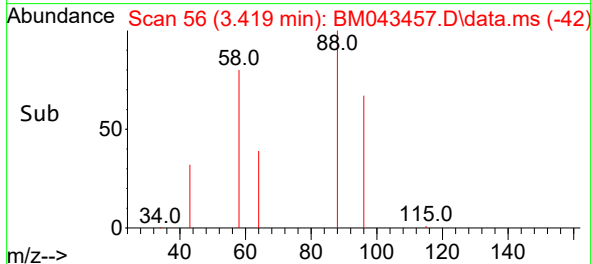
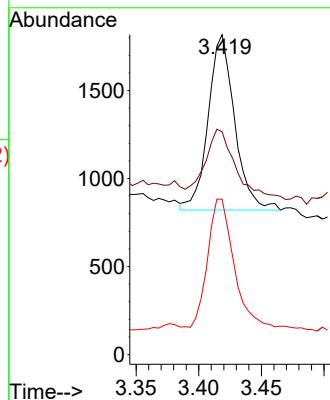
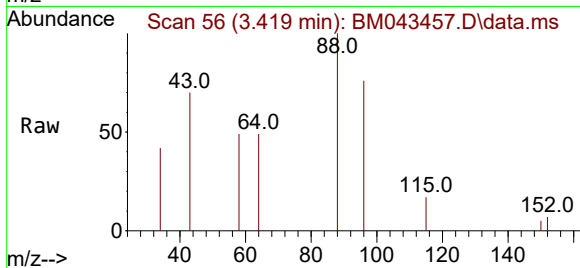




#2
1,4-Dioxane
Concen: 0.177 ng/ul
RT: 3.419 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM043457.D
Acq: 20 Dec 2023 10:28

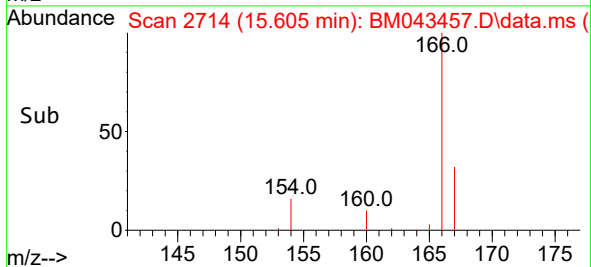
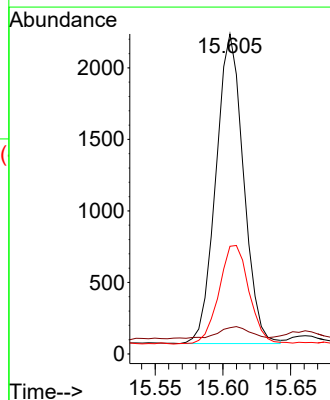
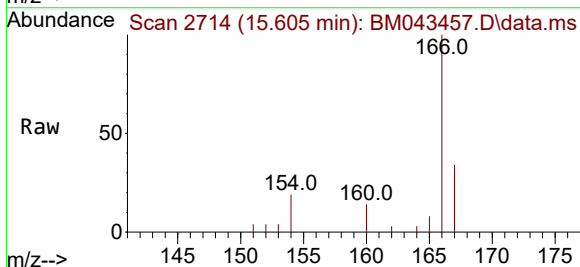
Instrument :
BNA_M
ClientSampleId :
BH3N3

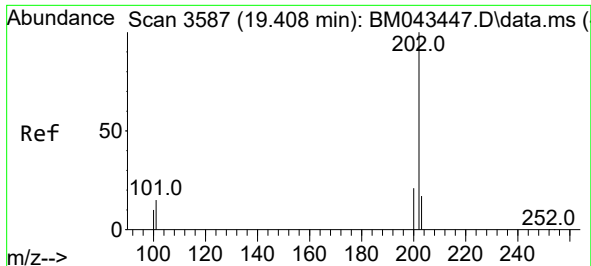
Tgt Ion: 88 Resp: 1466
Ion Ratio Lower Upper
88 100
43 69.6 27.9 41.9#
58 48.6 43.4 65.2



#12
Fluorene
Concen: 0.064 ng/ul
RT: 15.605 min Scan# 2714
Delta R.T. -0.060 min
Lab File: BM043457.D
Acq: 20 Dec 2023 10:28

Tgt Ion: 166 Resp: 3062
Ion Ratio Lower Upper
166 100
165 8.2 80.3 120.5#
167 33.7 10.8 16.2#

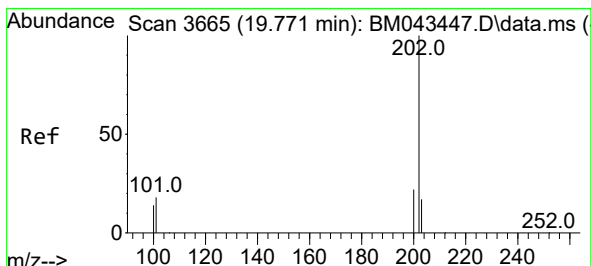
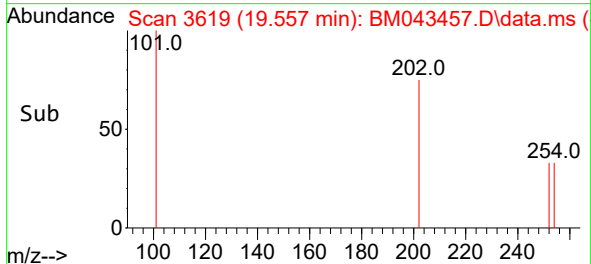
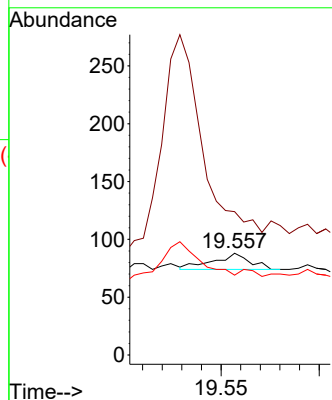
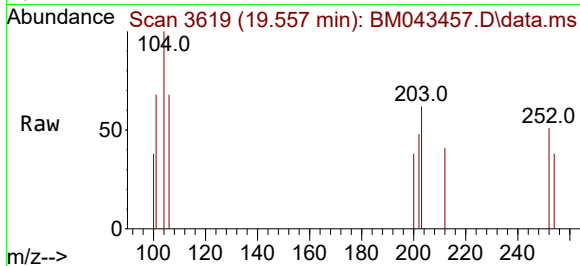




#19
Fluoranthene
Concen: 0.290 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. 0.144 min
Lab File: BM043457.D
Acq: 20 Dec 2023 10:28

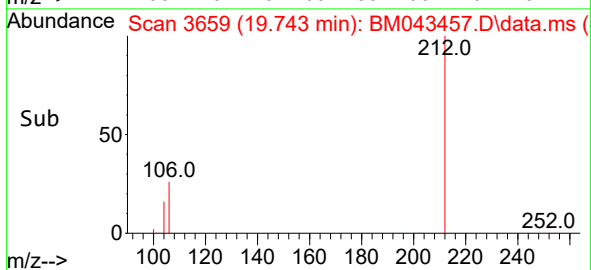
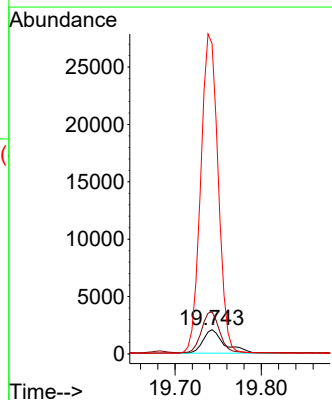
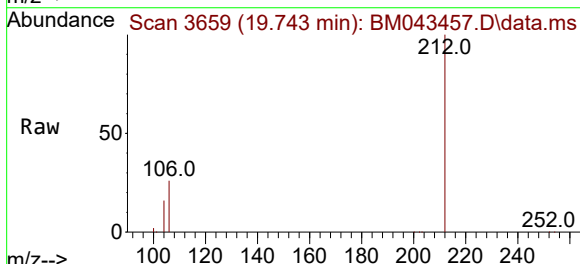
Instrument :
BNA_M
ClientSampleId :
BH3N3

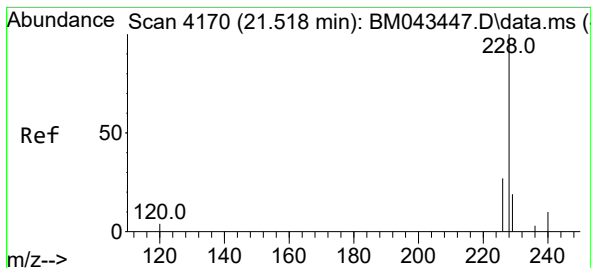
Tgt Ion:202 Resp: 18
Ion Ratio Lower Upper
202 100
101 140.9 10.1 15.1#
100 78.4 7.4 11.2#



#20
Pyrene
Concen: 56.800 ng/ul
RT: 19.743 min Scan# 3659
Delta R.T. -0.032 min
Lab File: BM043457.D
Acq: 20 Dec 2023 10:28

Tgt Ion:202 Resp: 3499
Ion Ratio Lower Upper
202 100
101 173.7 12.7 19.1#
100 1280.5 9.8 14.8#





#21

Benzo(a)anthracene

Concen: 0.186 ng/ul

RT: 21.653 min Scan# 41

Delta R.T. 0.131 min

Lab File: BM043457.D

Acq: 20 Dec 2023 10:28

Instrument :

BNA_M

ClientSampleId :

BH3N3

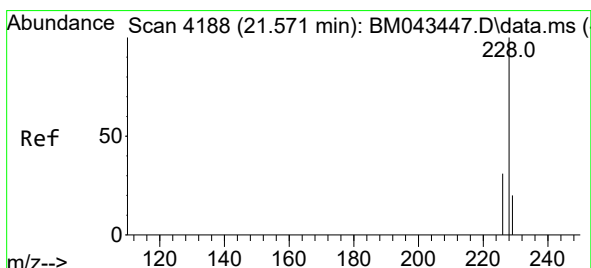
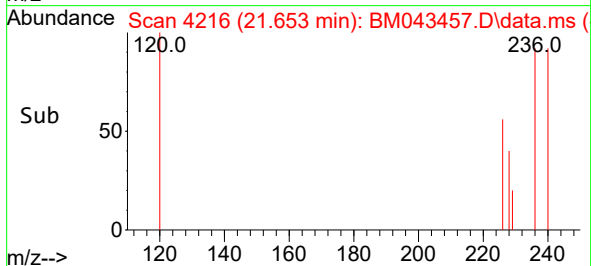
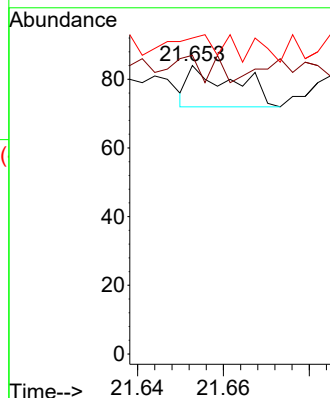
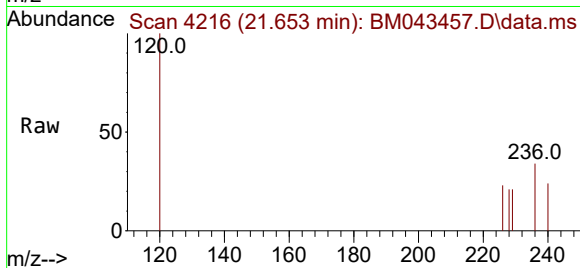
Tgt Ion:228 Resp: 9

Ion Ratio Lower Upper

228 100

229 103.6 15.5 23.3#

226 109.5 22.6 34.0#



#22

Chrysene

Concen: 0.078 ng/ul

RT: 21.708 min Scan# 4235

Delta R.T. 0.134 min

Lab File: BM043457.D

Acq: 20 Dec 2023 10:28

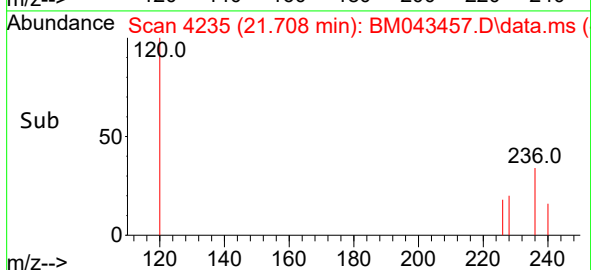
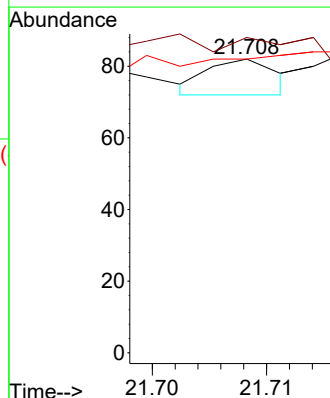
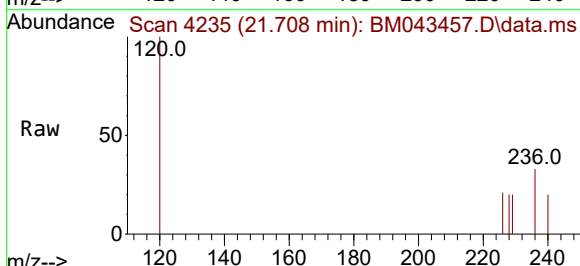
Tgt Ion:228 Resp: 4

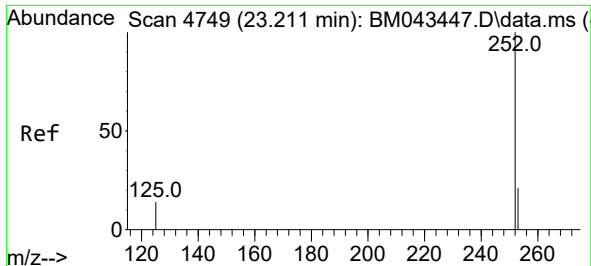
Ion Ratio Lower Upper

228 100

226 107.3 24.8 37.2#

229 100.0 15.7 23.5#

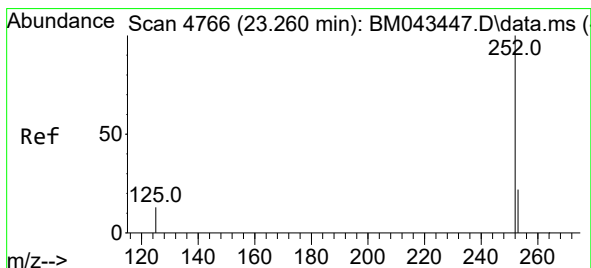
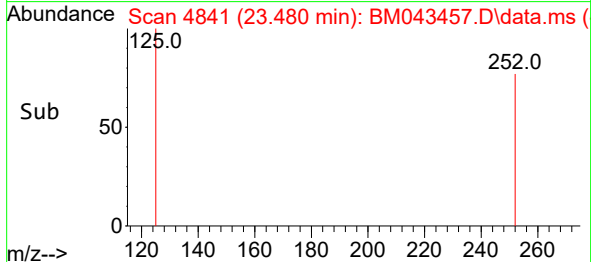
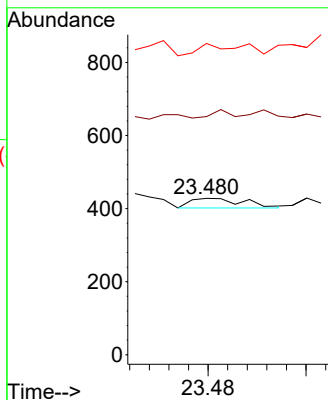
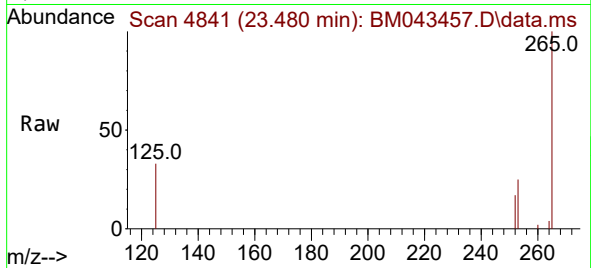




#24
Benzo(b)fluoranthene
Concen: 0.275 ng/ul
RT: 23.480 min Scan# 4841
Delta R.T. 0.263 min
Lab File: BM043457.D
Acq: 20 Dec 2023 10:28

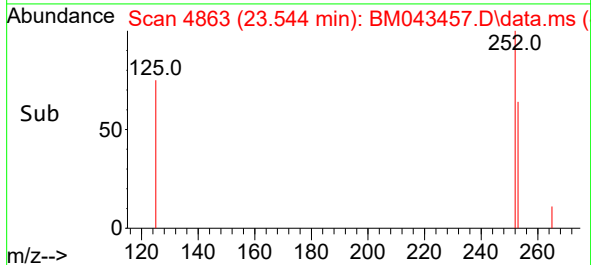
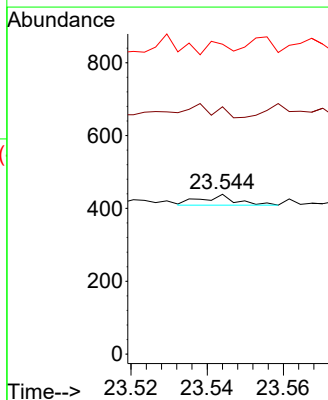
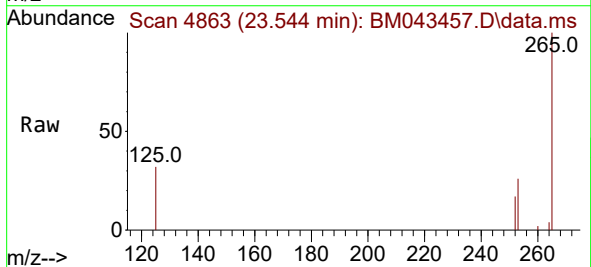
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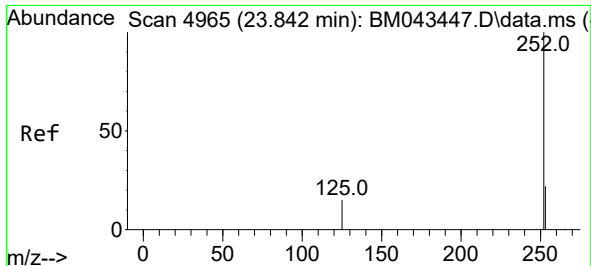
Tgt Ion:252 Resp: 20
Ion Ratio Lower Upper
252 100
253 152.3 0.0 48.8#
125 199.1 0.0 29.2#



#25
Benzo(k)fluoranthene
Concen: 0.239 ng/ul
RT: 23.544 min Scan# 4863
Delta R.T. 0.278 min
Lab File: BM043457.D
Acq: 20 Dec 2023 10:28

Tgt Ion:252 Resp: 18
Ion Ratio Lower Upper
252 100
253 154.7 18.6 28.0#
125 193.8 11.8 17.8#

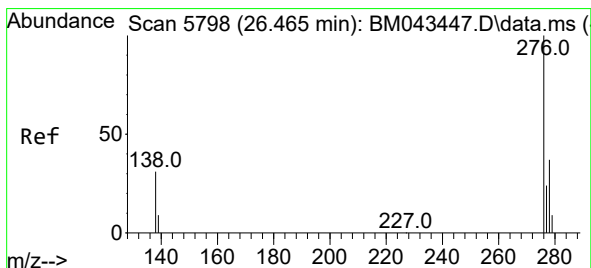
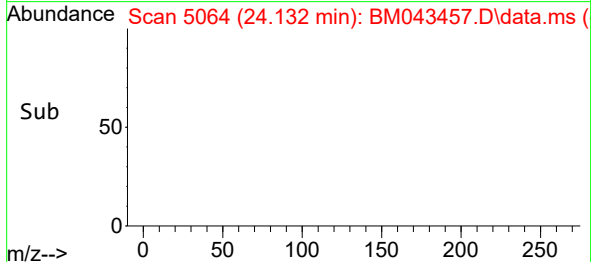
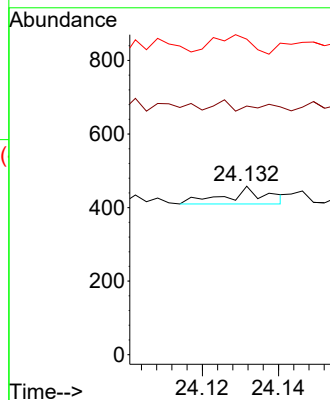
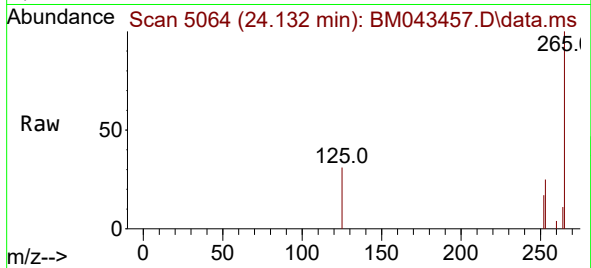




#26
Benzo(a)pyrene
Concen: 0.567 ng/ul
RT: 24.132 min Scan# 5064
Delta R.T. 0.284 min
Lab File: BM043457.D
Acq: 20 Dec 2023 10:28

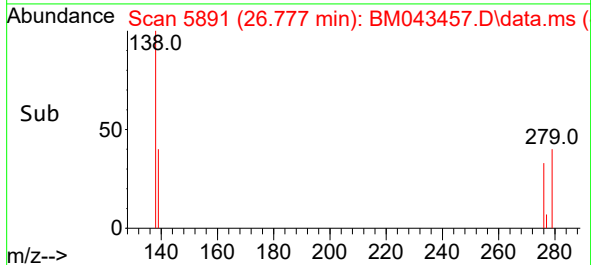
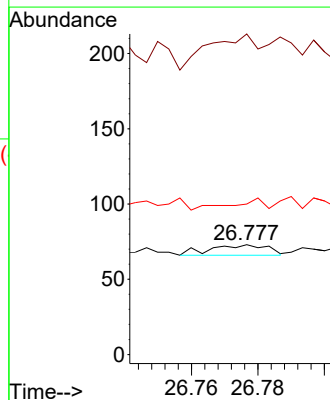
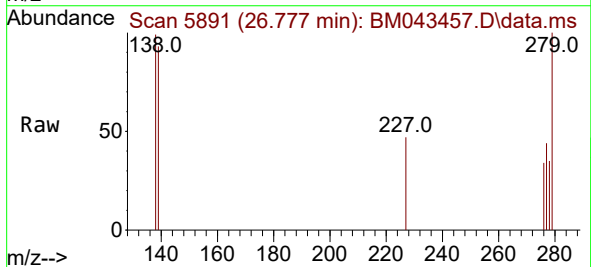
Instrument :
BNA_M
ClientSampleId :
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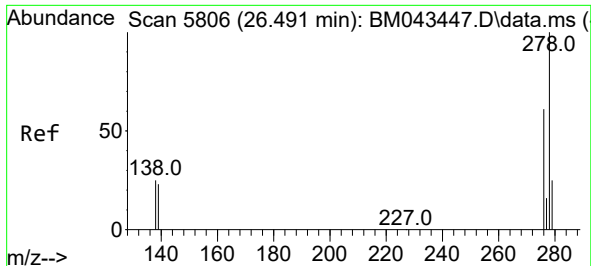
Tgt Ion:252 Resp: 34
Ion Ratio Lower Upper
252 100
253 147.6 20.2 30.2#
125 187.3 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.117 ng/ul
RT: 26.777 min Scan# 5891
Delta R.T. 0.301 min
Lab File: BM043457.D
Acq: 20 Dec 2023 10:28

Tgt Ion:276 Resp: 8
Ion Ratio Lower Upper
276 100
138 562.5 24.6 36.8#
227 37.5 0.0 0.0#

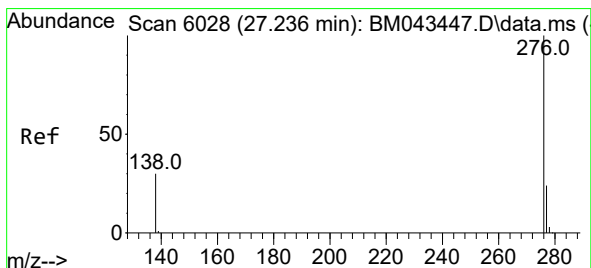
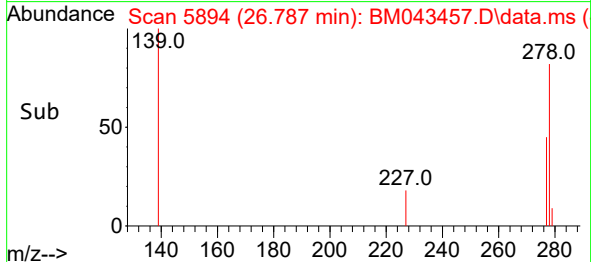
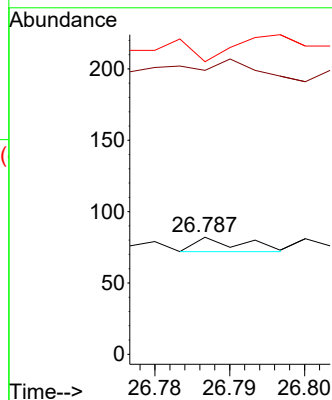
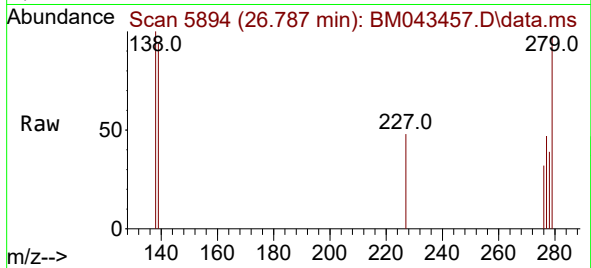




#28
Dibenzo(a,h)anthracene
Concen: 0.074 ng/ul
RT: 26.787 min Scan# 51
Delta R.T. 0.288 min
Lab File: BM043457.D
Acq: 20 Dec 2023 10:28

Instrument :
BNA_M
ClientSampleId :
BH3N3

Tgt Ion:278 Resp: 4
Ion Ratio Lower Upper
278 100
139 242.7 17.4 26.2#
279 250.0 20.9 31.3#



#29
Benzo(g,h,i)perylene
Concen: 0.309 ng/ul
RT: 27.538 min Scan# 6118
Delta R.T. 0.295 min
Lab File: BM043457.D
Acq: 20 Dec 2023 10:28

Tgt Ion:276 Resp: 18
Ion Ratio Lower Upper
276 100
138 284.9 23.1 34.7#
277 135.6 19.4 29.0#

