

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043463.D
 Acq On : 20 Dec 2023 14:04
 Operator : MA/JU
 Sample : 05677-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0AA8

Quant Time: Dec 20 23:13:57 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)

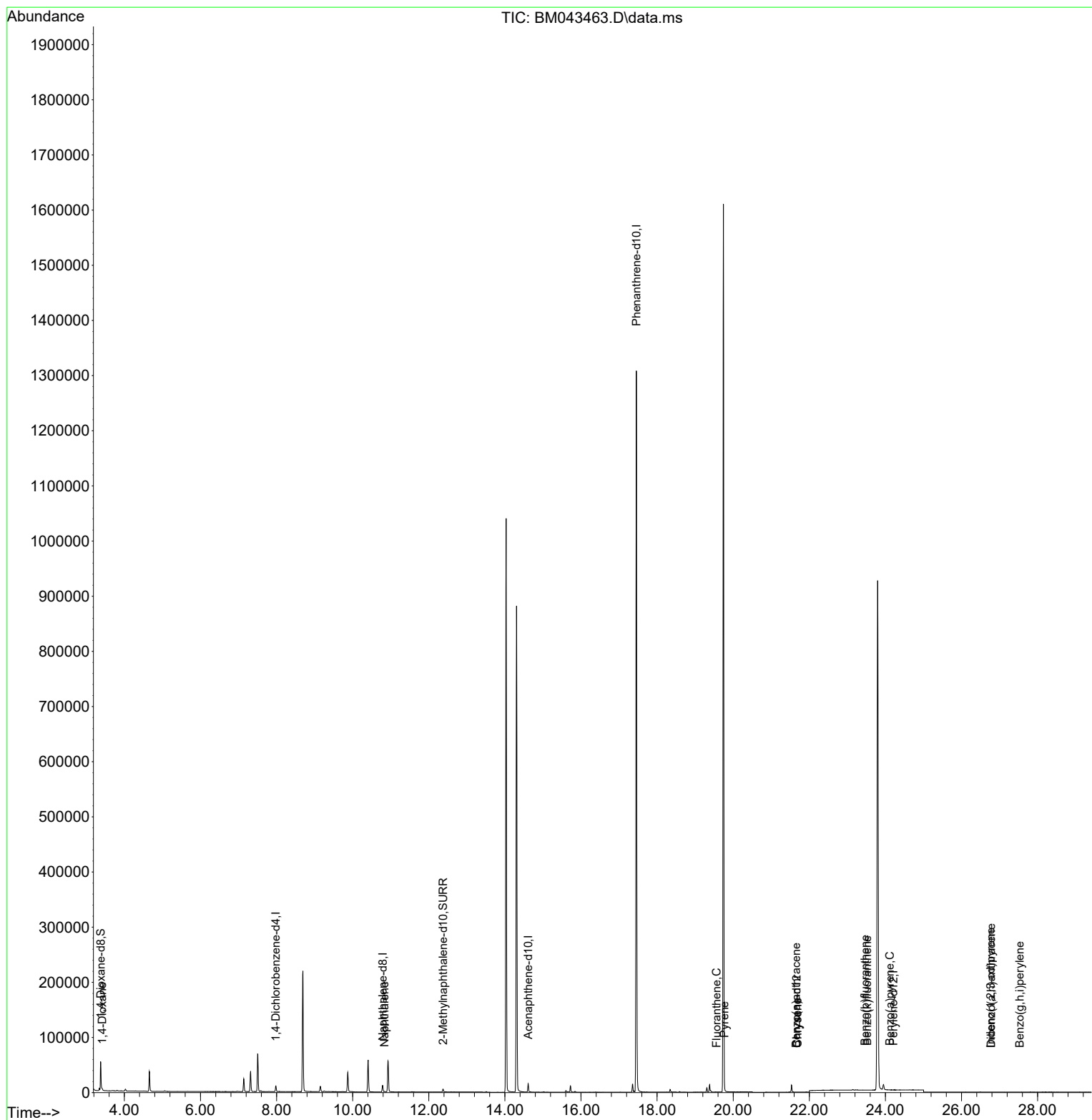
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.983	152	5314	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	16431	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	8364	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	1388169	0.400	ng/ul	# 0.10
17) Chrysene-d12	21.667	240	13	0.400	ng/ul	# 0.13
23) Perylene-d12	24.213	264	15	0.400	ng/ul	# 0.26
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	30703	4.573	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	7122	0.306	ng/ul	0.00
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.418	88	1354	0.201	ng/ul#	71
5) Naphthalene	10.834	128	1523	0.031	ng/ul#	81
19) Fluoranthene	19.561	202	49	0.668	ng/ul#	1
20) Pyrene	19.770	202	1265	17.376	ng/ul#	60
21) Benzo(a)anthracene	21.653	228	3	0.053	ng/ul#	1
22) Chrysene	21.693	228	10	0.166	ng/ul#	1
24) Benzo(b)fluoranthene	23.468	252	44	0.646	ng/ul#	1
25) Benzo(k)fluoranthene	23.517	252	9	0.127	ng/ul#	1
26) Benzo(a)pyrene	24.114	252	21	0.374	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.766	276	5	0.078	ng/ul#	1
28) Dibenzo(a,h)anthracene	26.780	278	7	0.138	ng/ul#	1
29) Benzo(g,h,i)perylene	27.528	276	4	0.073	ng/ul#	1

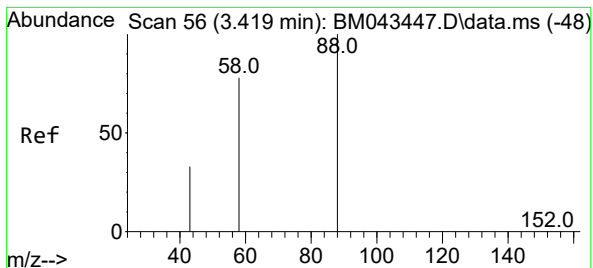
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.201 ng/ul

RT: 3.418 min Scan# 5

Delta R.T. -0.000 min

Lab File: BM043463.D

Acq: 20 Dec 2023 14:04

Instrument :

BNA_M

ClientSampleId :

H0AA8

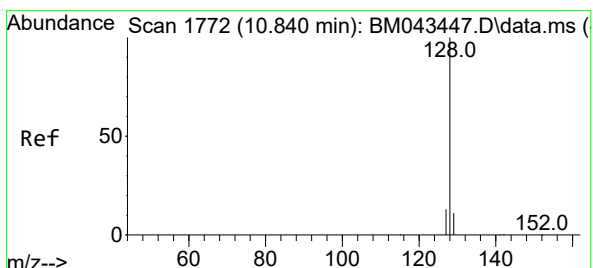
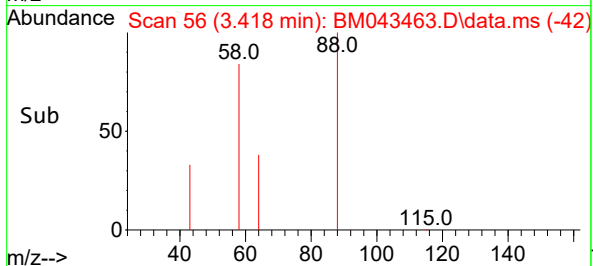
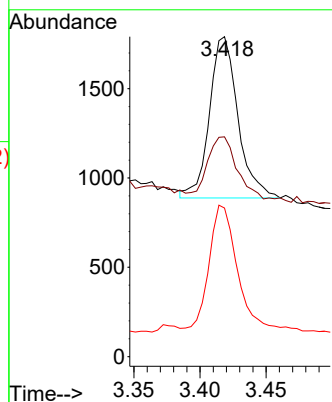
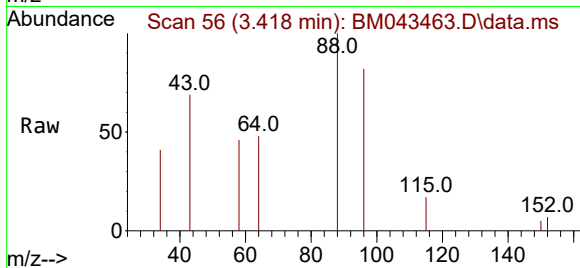
Tgt Ion: 88 Resp: 1354

Ion Ratio Lower Upper

88 100

43 68.7 27.9 41.9#

58 46.5 43.4 65.2



#5

Naphthalene

Concen: 0.031 ng/ul

RT: 10.834 min Scan# 1771

Delta R.T. -0.006 min

Lab File: BM043463.D

Acq: 20 Dec 2023 14:04

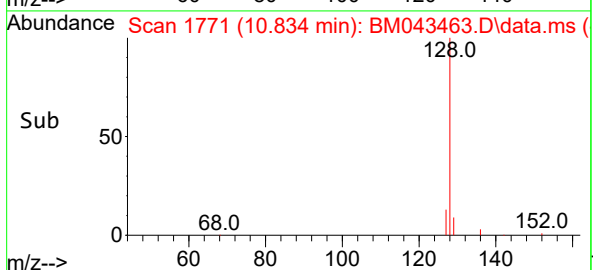
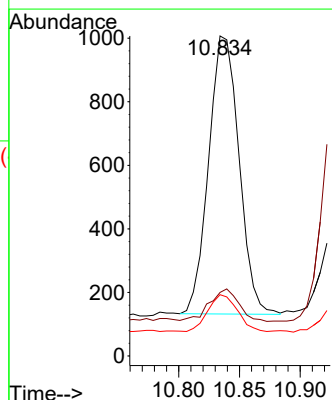
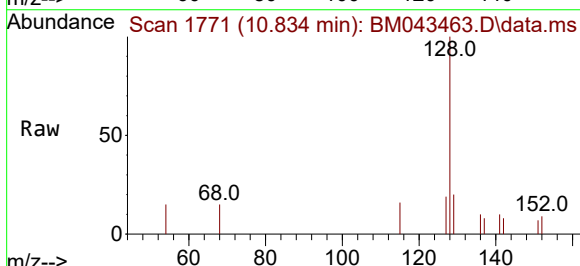
Tgt Ion: 128 Resp: 1523

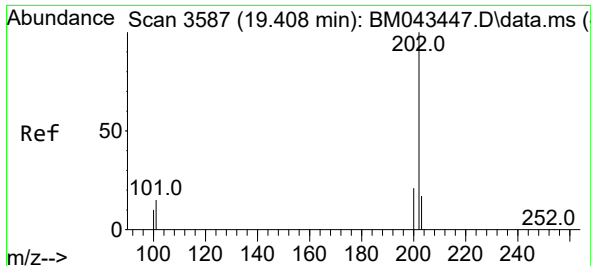
Ion Ratio Lower Upper

128 100

129 19.9 9.0 13.4#

127 19.2 10.3 15.5#

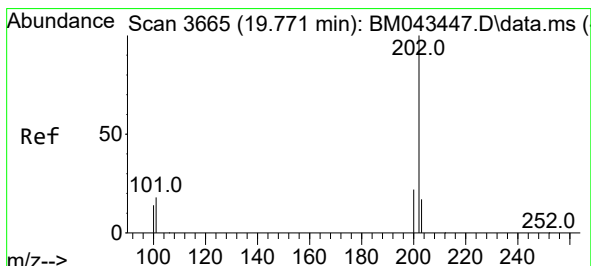
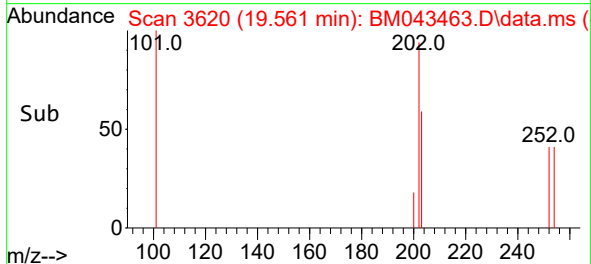
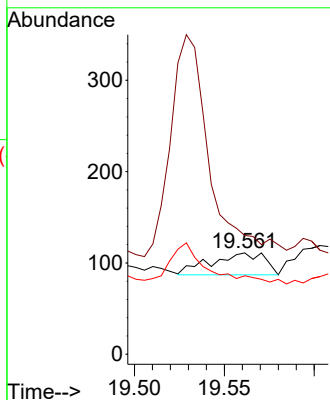
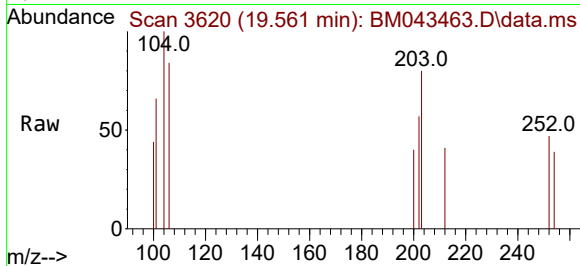




#19
Fluoranthene
Concen: 0.668 ng/ul
RT: 19.561 min Scan# 30
Delta R.T. 0.149 min
Lab File: BM043463.D
Acq: 20 Dec 2023 14:04

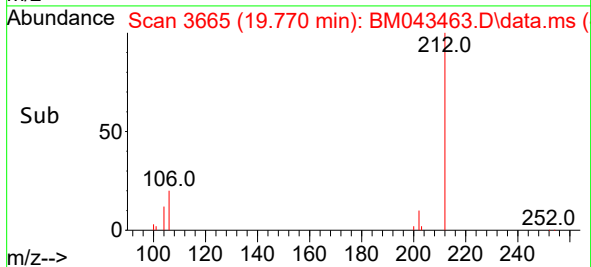
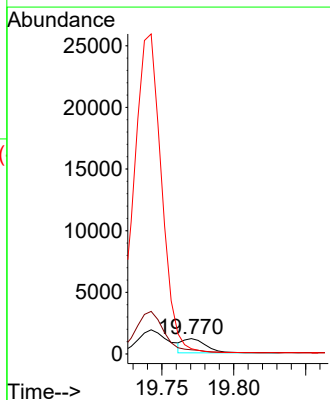
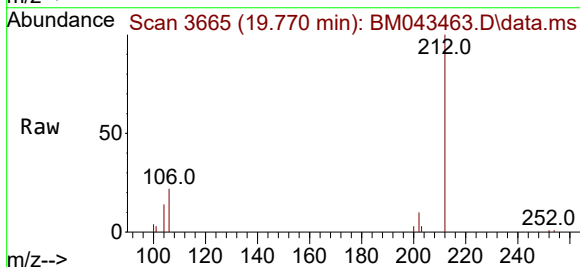
Instrument :
BNA_M
ClientSampleId :
H0AA8

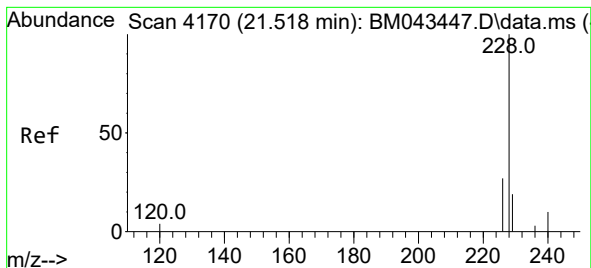
Tgt Ion:202 Resp: 49
Ion Ratio Lower Upper
202 100
101 117.1 10.1 15.1#
100 77.5 7.4 11.2#



#20
Pyrene
Concen: 17.376 ng/ul
RT: 19.770 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043463.D
Acq: 20 Dec 2023 14:04

Tgt Ion:202 Resp: 1265
Ion Ratio Lower Upper
202 100
101 27.2 12.7 19.1#
100 34.3 9.8 14.8#





#21

Benzo(a)anthracene

Concen: 0.053 ng/ul

RT: 21.653 min Scan# 41

Delta R.T. 0.131 min

Lab File: BM043463.D

Acq: 20 Dec 2023 14:04

Instrument :

BNA_M

ClientSampleId :

H0AA8

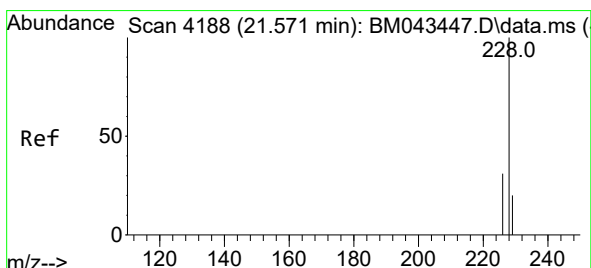
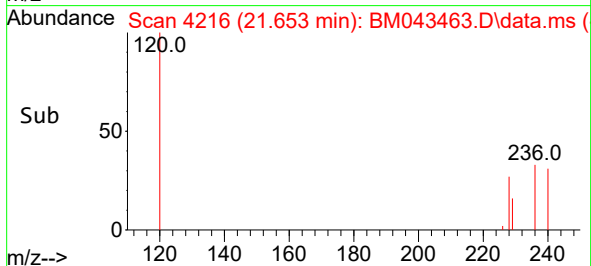
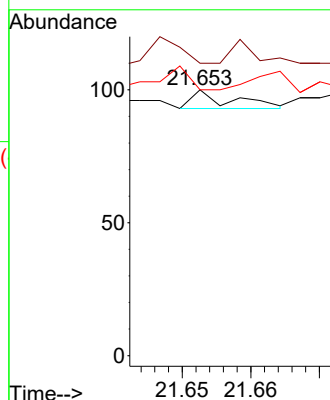
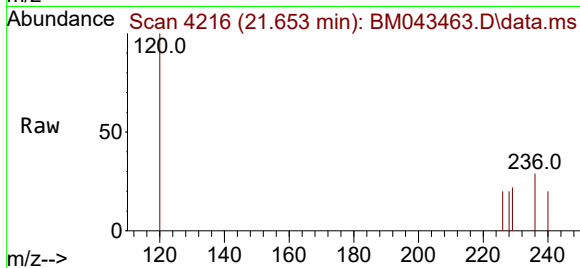
Tgt Ion:228 Resp: 3

Ion Ratio Lower Upper

228 100

229 110.0 15.5 23.3#

226 100.0 22.6 34.0#



#22

Chrysene

Concen: 0.166 ng/ul

RT: 21.693 min Scan# 4230

Delta R.T. 0.120 min

Lab File: BM043463.D

Acq: 20 Dec 2023 14:04

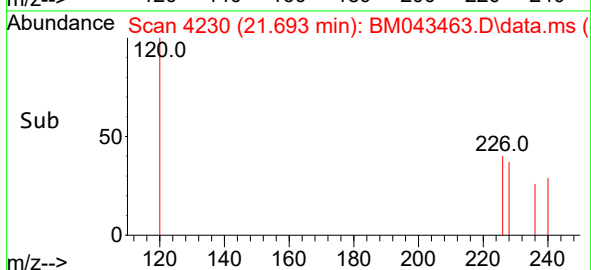
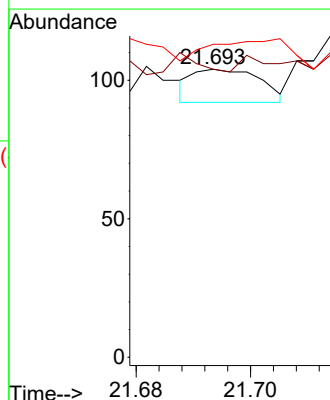
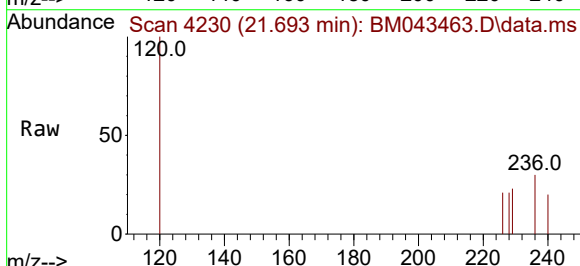
Tgt Ion:228 Resp: 10

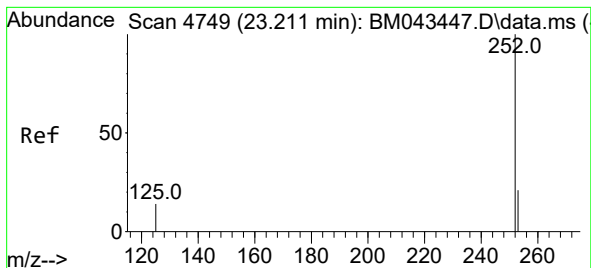
Ion Ratio Lower Upper

228 100

226 100.0 24.8 37.2#

229 108.7 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 0.646 ng/ul

RT: 23.468 min Scan# 4837

Delta R.T. 0.251 min

Lab File: BM043463.D

Acq: 20 Dec 2023 14:04

Instrument :

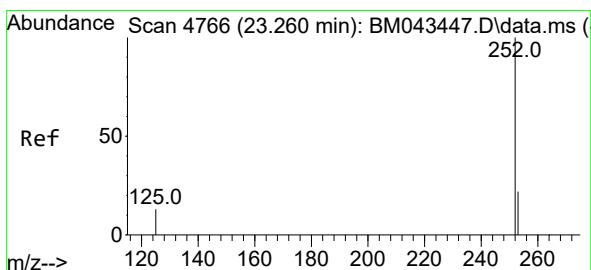
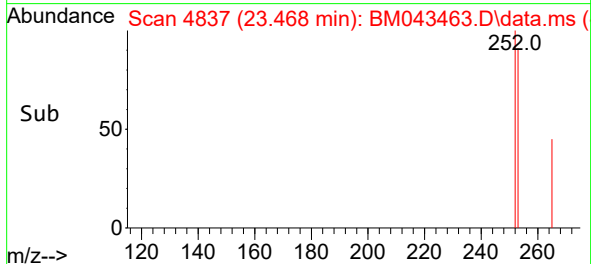
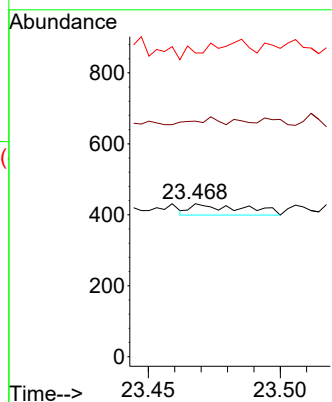
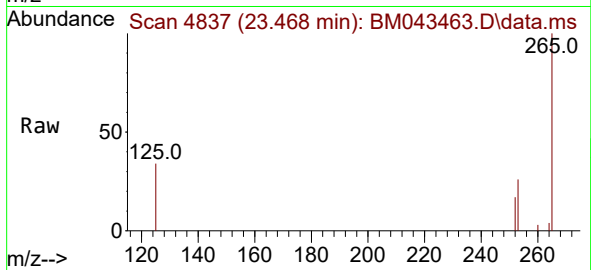
BNA_M

ClientSampleId :

H0AA8

Tgt Ion:252 Resp: 44

Ion	Ratio	Lower	Upper
252	100		
253	154.1	0.0	48.8#
125	198.6	0.0	29.2#



#25

Benzo(k)fluoranthene

Concen: 0.127 ng/ul

RT: 23.517 min Scan# 4854

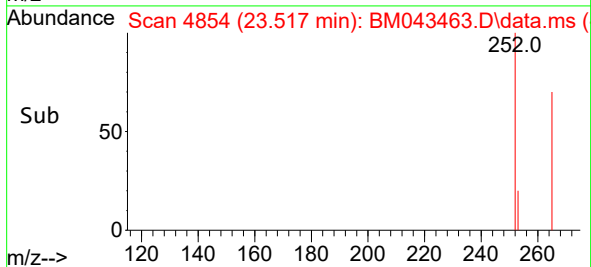
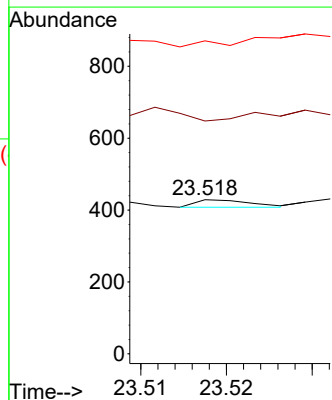
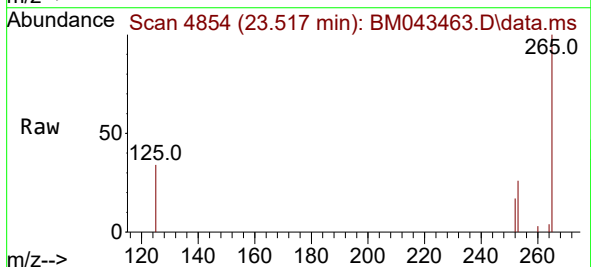
Delta R.T. 0.251 min

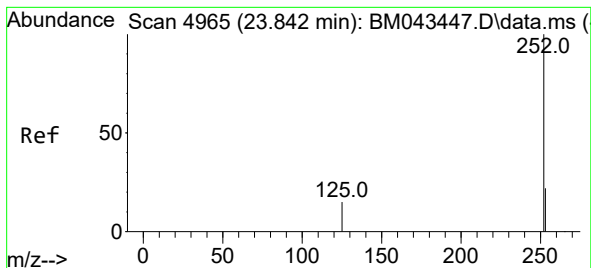
Lab File: BM043463.D

Acq: 20 Dec 2023 14:04

Tgt Ion:252 Resp: 9

Ion	Ratio	Lower	Upper
252	100		
253	151.0	18.6	28.0#
125	203.0	11.8	17.8#





#26

Benzo(a)pyrene

Concen: 0.374 ng/ul

RT: 24.114 min Scan# 5058

Delta R.T. 0.266 min

Lab File: BM043463.D

Acq: 20 Dec 2023 14:04

Instrument :

BNA_M

ClientSampleId :

H0AA8

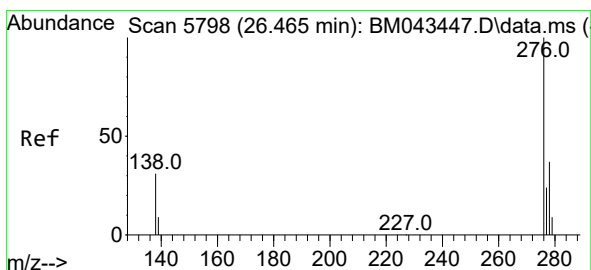
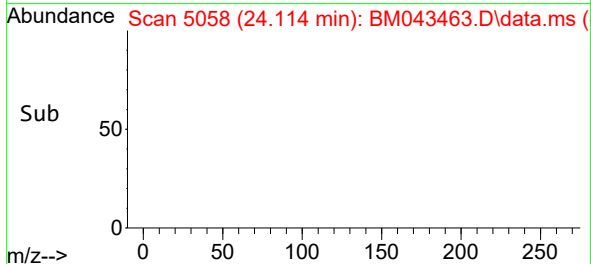
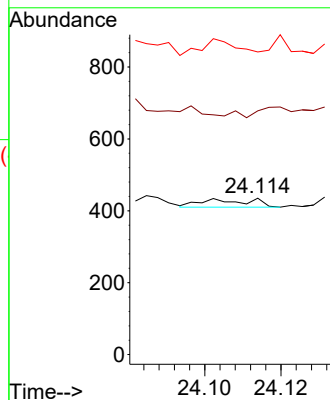
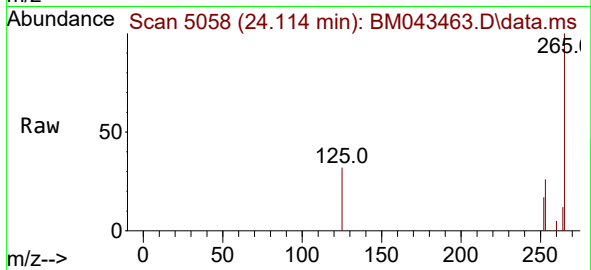
Tgt Ion:252 Resp: 21

Ion Ratio Lower Upper

252 100

253 155.9 20.2 30.2#

125 193.6 13.5 20.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.078 ng/ul

RT: 26.766 min Scan# 5888

Delta R.T. 0.291 min

Lab File: BM043463.D

Acq: 20 Dec 2023 14:04

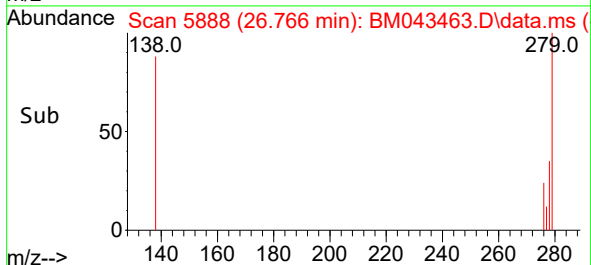
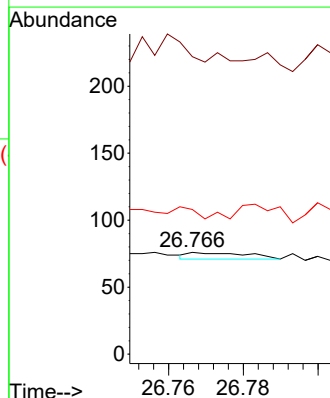
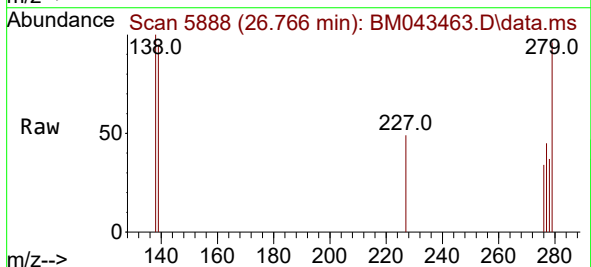
Tgt Ion:276 Resp: 5

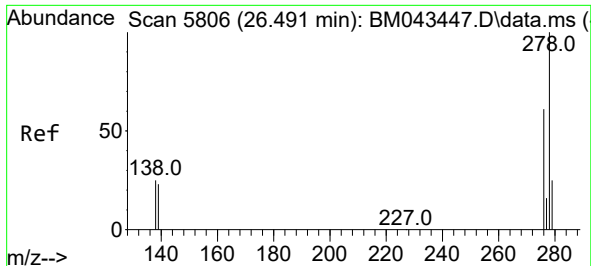
Ion Ratio Lower Upper

276 100

138 940.0 24.6 36.8#

227 60.0 0.0 0.0#

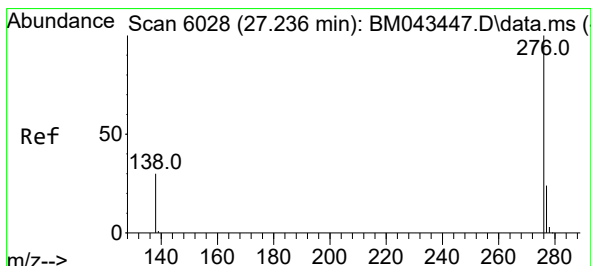
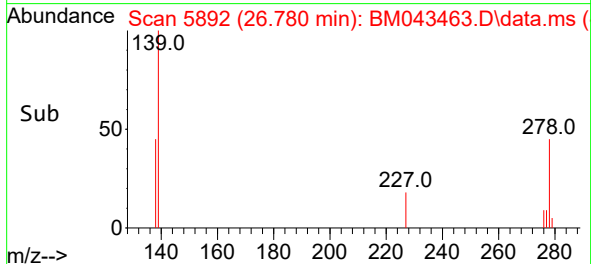
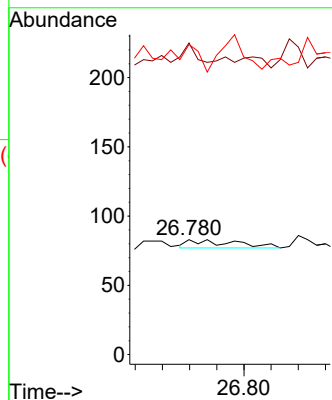
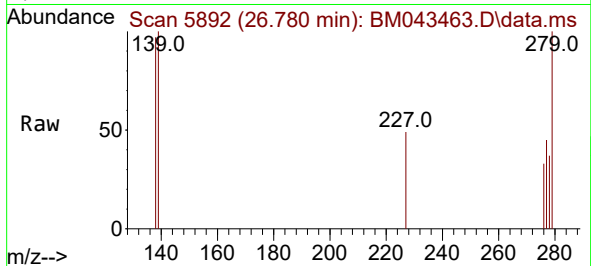




#28
 Dibenzo(a,h)anthracene
 Concen: 0.138 ng/ul
 RT: 26.780 min Scan# 51
 Delta R.T. 0.281 min
 Lab File: BM043463.D
 Acq: 20 Dec 2023 14:04

Instrument :
 BNA_M
 ClientSampleId :
 H0AA8

Tgt Ion:278 Resp: 7
 Ion Ratio Lower Upper
 278 100
 139 271.1 17.4 26.2#
 279 269.9 20.9 31.3#



#29
 Benzo(g,h,i)perylene
 Concen: 0.073 ng/ul
 RT: 27.528 min Scan# 6115
 Delta R.T. 0.284 min
 Lab File: BM043463.D
 Acq: 20 Dec 2023 14:04

Tgt Ion:276 Resp: 4
 Ion Ratio Lower Upper
 276 100
 138 283.3 23.1 34.7#
 277 125.6 19.4 29.0#

