

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042121.D
 Acq On : 28 Sep 2023 19:02
 Operator : MA/JU
 Sample : 04417-26
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYF2

Quant Time: Sep 29 04:41:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 04:39:33 2023
 Response via : Initial Calibration

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

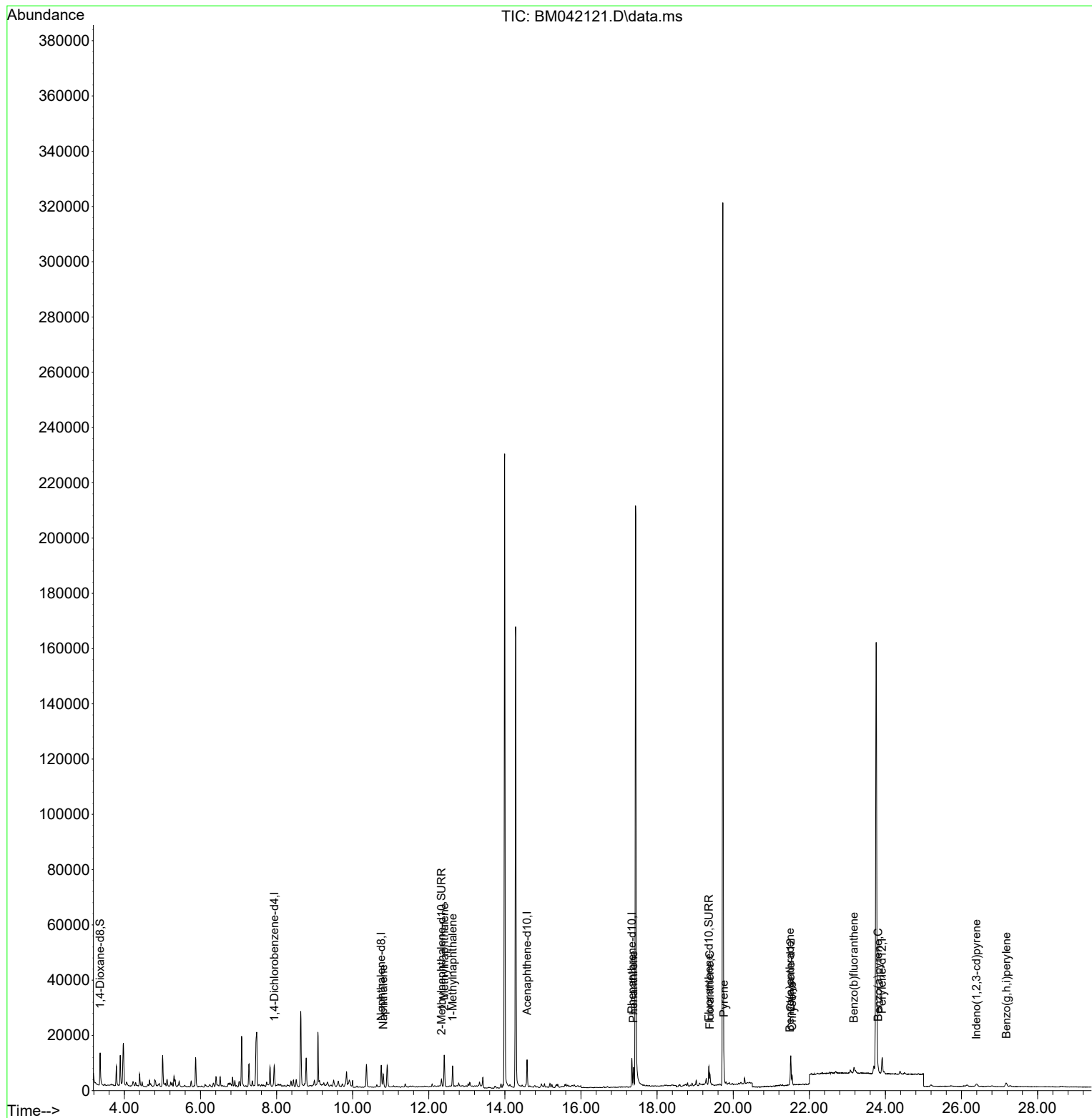
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	3718	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	10016	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	5109	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	11289	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	7611	0.400	ng/ul	0.00
23) Perylene-d12	23.912	264	8152	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	7244	1.430	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	3078	0.245	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	6057	0.193	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.801	128	6347	0.189	ng/ul	97
7) 2-Methylnaphthalene	12.407	142	7922	0.396	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	5004	0.246	ng/ul	98
15) Phenanthrene	17.379	178	7599	0.145	ng/ul	95
19) Fluoranthene	19.390	202	3246	0.038	ng/ul#	90
20) Pyrene	19.757	202	5226	0.062	ng/ul#	92
21) Benzo(a)anthracene	21.495	228	1469	0.025	ng/ul#	68
22) Chrysene	21.548	228	2655	0.045	ng/ul#	84
24) Benzo(b)fluoranthene	23.173	252	3435	0.055	ng/ul#	11
26) Benzo(a)pyrene	23.807	252	1351	0.026	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.391	276	1557	0.022	ng/ul#	88
29) Benzo(g,h,i)perylene	27.176	276	2877	0.048	ng/ul#	72

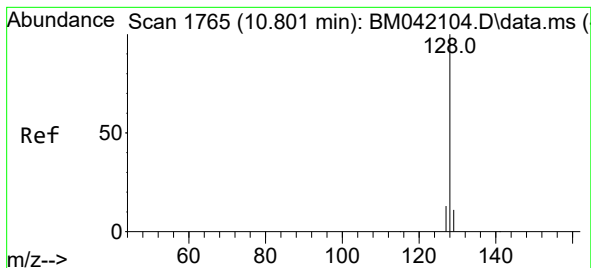
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.189 ng/ul

RT: 10.801 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042121.D

Acq: 28 Sep 2023 19:02

Instrument :

BNA_M

ClientSampleId :

EZYF2

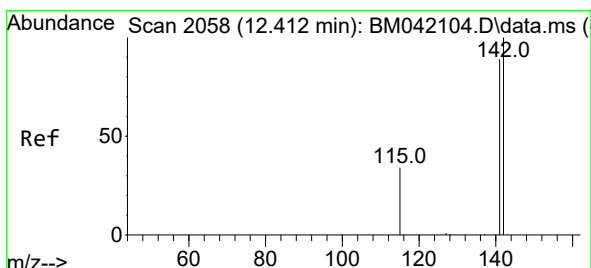
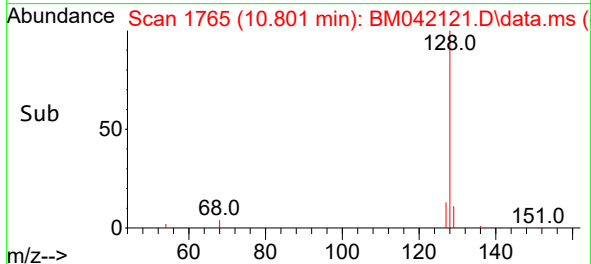
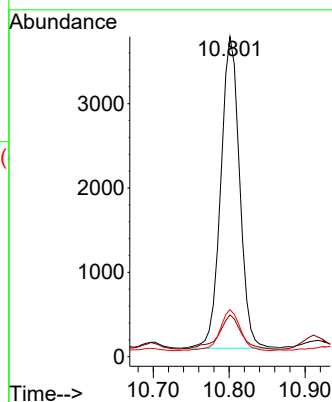
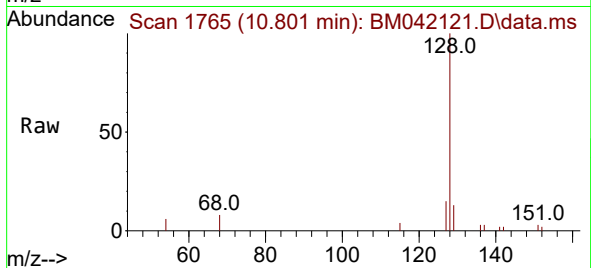
Tgt Ion:128 Resp: 6347

Ion Ratio Lower Upper

128 100

129 13.0 9.2 13.8

127 14.7 10.8 16.2



#7

2-Methylnaphthalene

Concen: 0.396 ng/ul

RT: 12.407 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BM042121.D

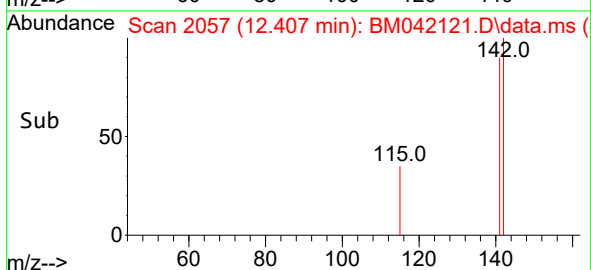
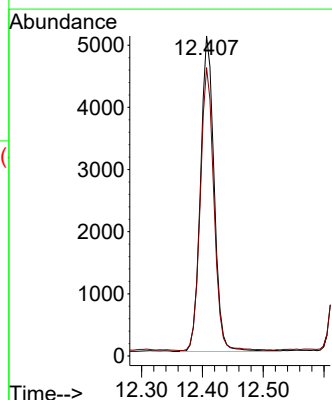
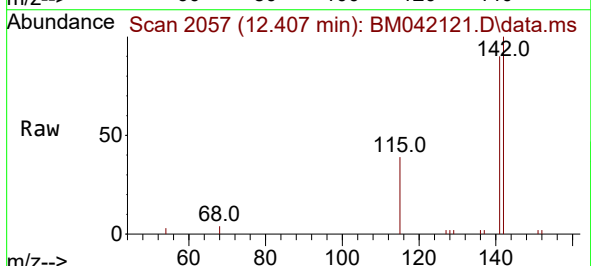
Acq: 28 Sep 2023 19:02

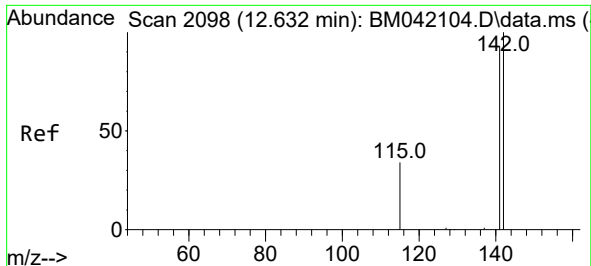
Tgt Ion:142 Resp: 7922

Ion Ratio Lower Upper

142 100

141 89.5 72.1 108.1

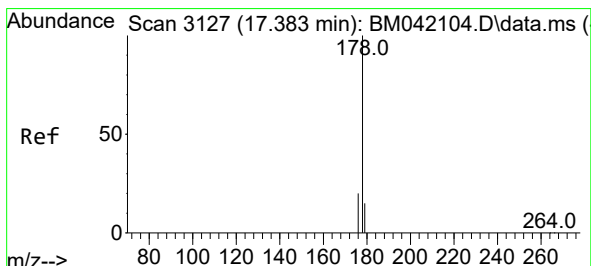
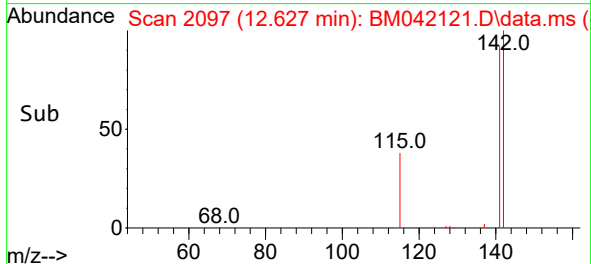
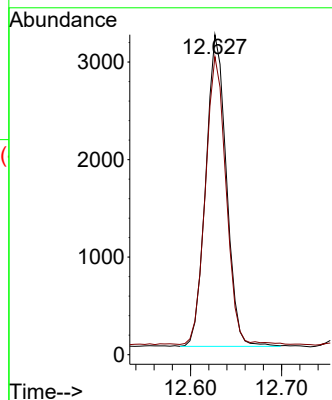
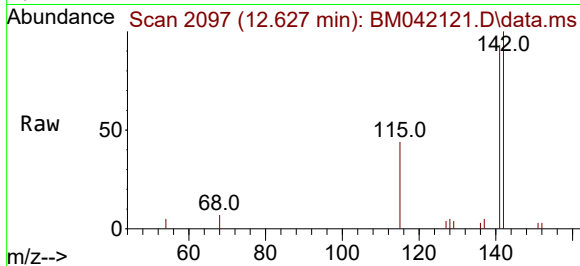




#8
1-Methylnaphthalene
Concen: 0.246 ng/ul
RT: 12.627 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02

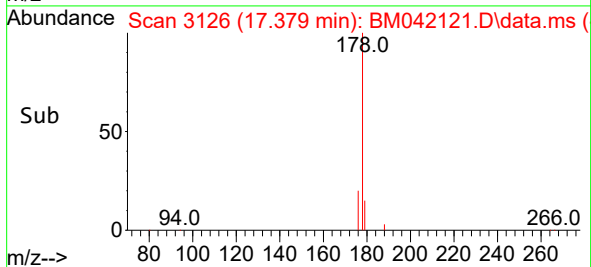
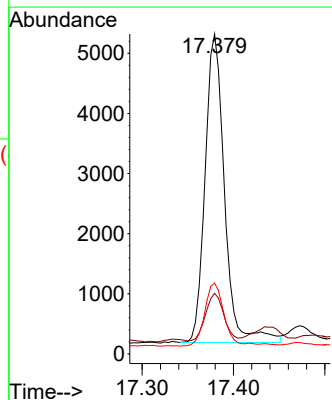
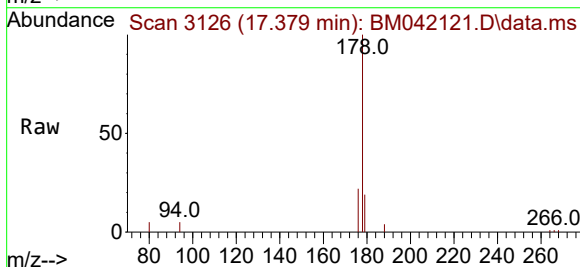
Instrument :
BNA_M
ClientSampleId :
EZYF2

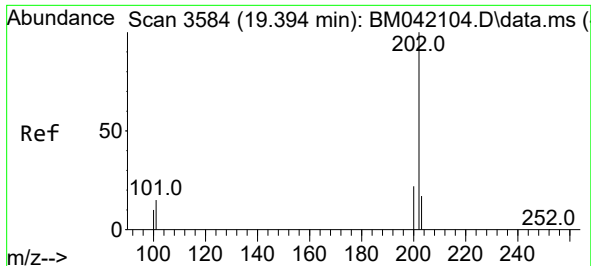
Tgt Ion:142 Resp: 5004
Ion Ratio Lower Upper
142 100
141 92.4 75.1 112.7



#15
Phenanthrene
Concen: 0.145 ng/ul
RT: 17.379 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02

Tgt Ion:178 Resp: 7599
Ion Ratio Lower Upper
178 100
179 19.0 12.7 19.1
176 22.1 16.6 24.8

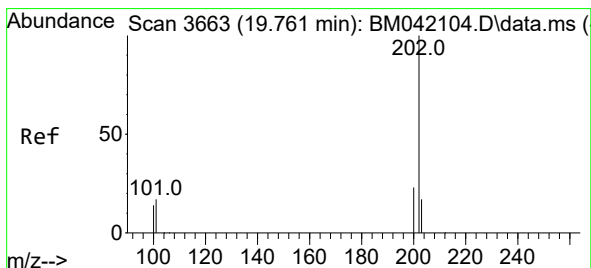
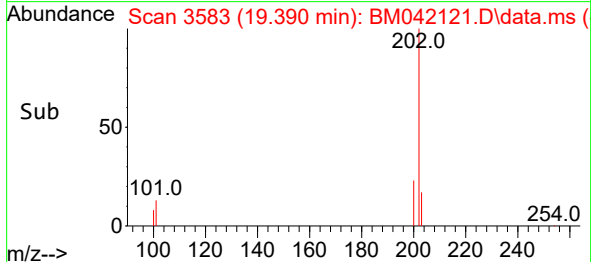
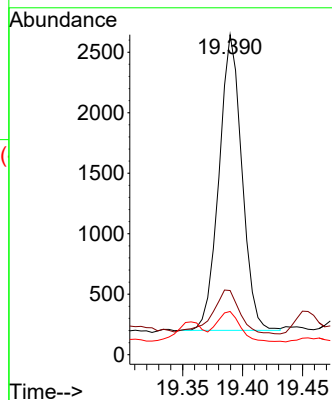
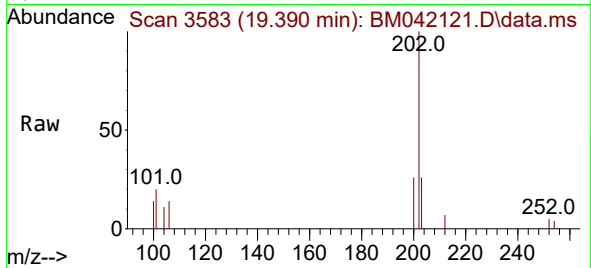




#19
Fluoranthene
Concen: 0.038 ng/ul
RT: 19.390 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02

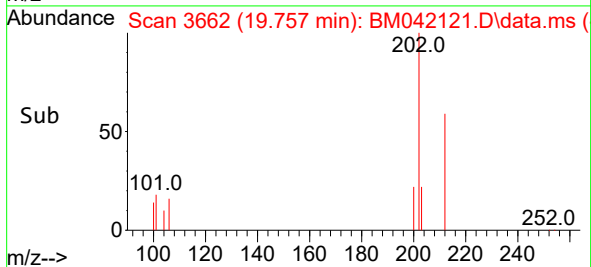
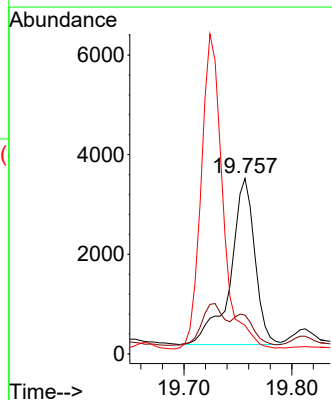
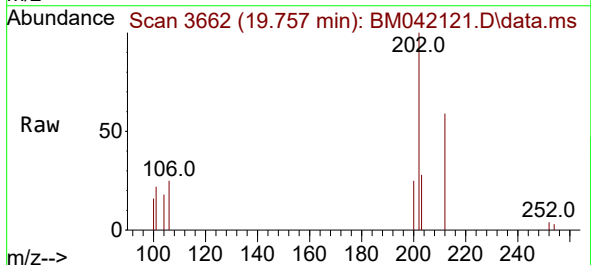
Instrument :
BNA_M
ClientSampleId :
EZYF2

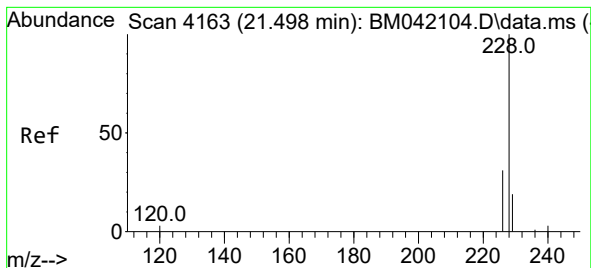
Tgt Ion:202 Resp: 3246
Ion Ratio Lower Upper
202 100
101 20.1 11.8 17.6#
100 13.5 9.1 13.7



#20
Pyrene
Concen: 0.062 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02

Tgt Ion:202 Resp: 5226
Ion Ratio Lower Upper
202 100
101 22.2 14.1 21.1#
100 16.2 11.4 17.0





#21

Benzo(a)anthracene

Concen: 0.025 ng/ul

RT: 21.495 min Scan# 4163

Delta R.T. -0.000 min

Lab File: BM042121.D

Acq: 28 Sep 2023 19:02

Instrument :

BNA_M

ClientSampleId :

EZYF2

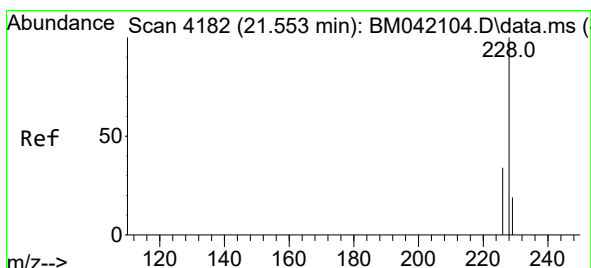
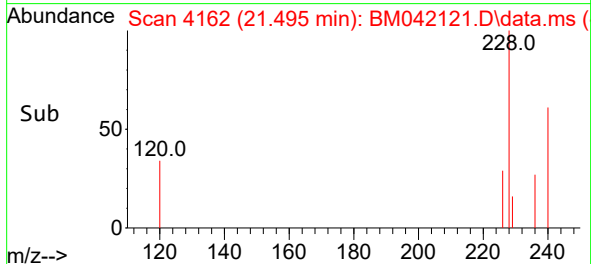
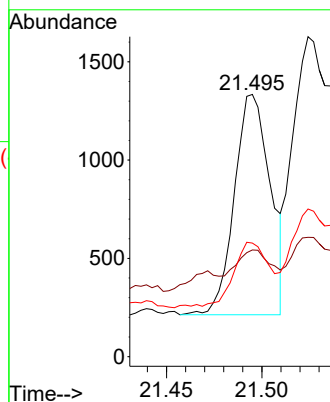
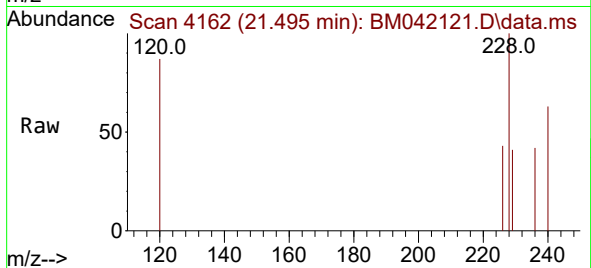
Tgt Ion:228 Resp: 1469

Ion Ratio Lower Upper

228 100

229 40.7 15.5 23.3#

226 43.3 24.8 37.2#



#22

Chrysene

Concen: 0.045 ng/ul

RT: 21.548 min Scan# 4180

Delta R.T. -0.003 min

Lab File: BM042121.D

Acq: 28 Sep 2023 19:02

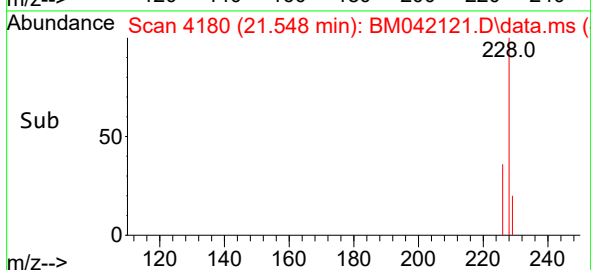
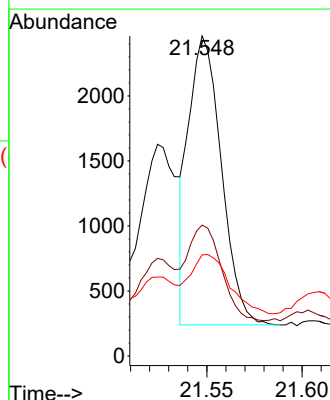
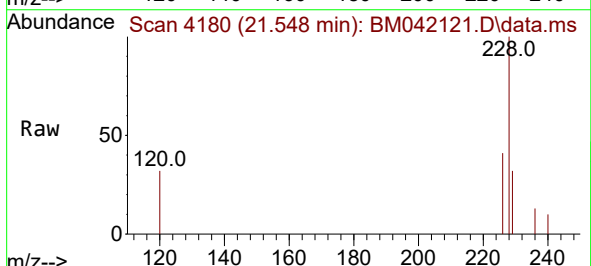
Tgt Ion:228 Resp: 2655

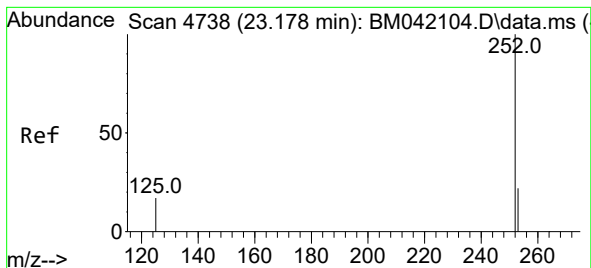
Ion Ratio Lower Upper

228 100

226 40.9 27.8 41.6

229 31.6 15.6 23.4#





#24

Benzo(b)fluoranthene

Concen: 0.055 ng/ul

RT: 23.173 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM042121.D

Acq: 28 Sep 2023 19:02

Instrument :

BNA_M

ClientSampleId :

EZYF2

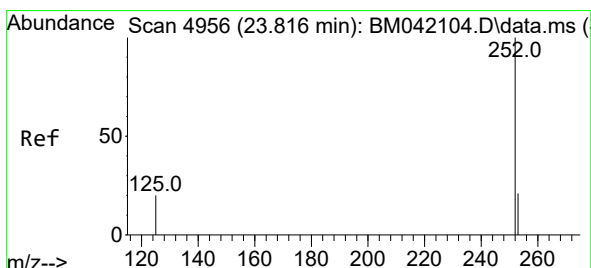
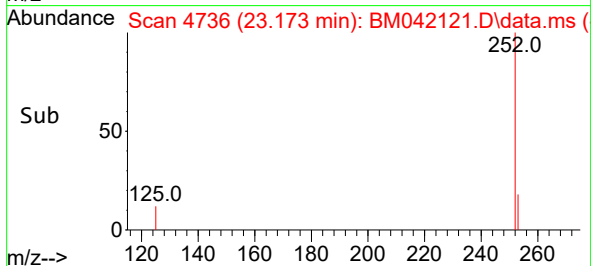
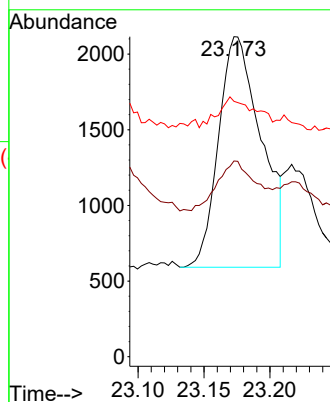
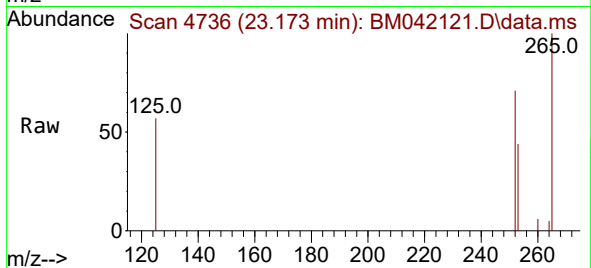
Tgt Ion:252 Resp: 3435

Ion Ratio Lower Upper

252 100

253 61.2 0.0 54.4#

125 79.8 0.0 46.2#



#26

Benzo(a)pyrene

Concen: 0.026 ng/ul

RT: 23.807 min Scan# 4953

Delta R.T. -0.000 min

Lab File: BM042121.D

Acq: 28 Sep 2023 19:02

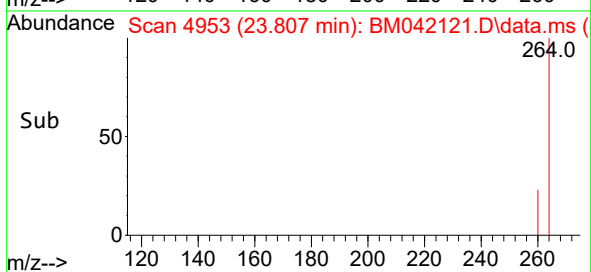
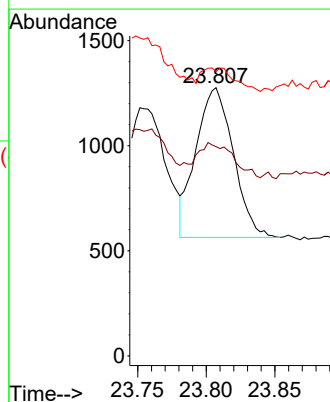
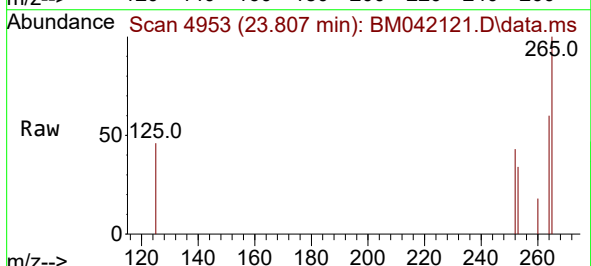
Tgt Ion:252 Resp: 1351

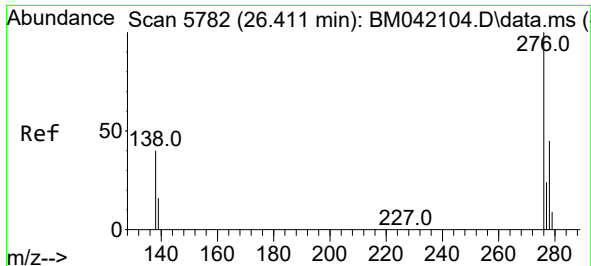
Ion Ratio Lower Upper

252 100

253 78.0 23.2 34.8#

125 106.0 22.5 33.7#

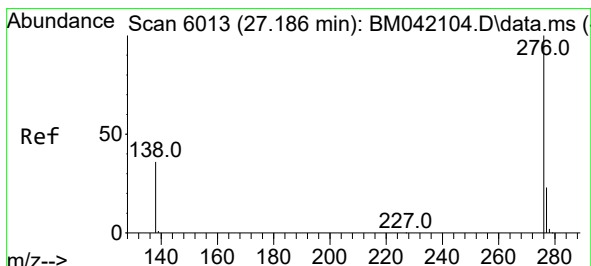
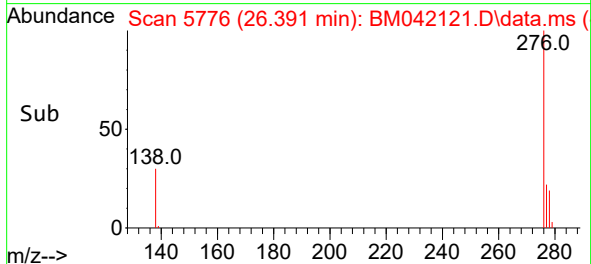
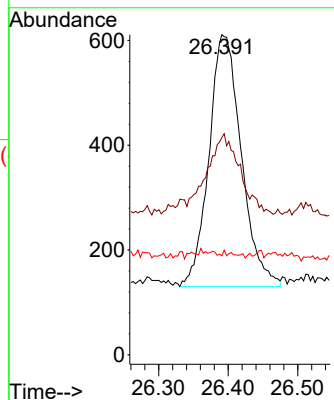
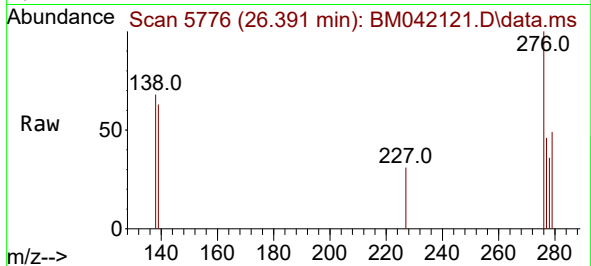




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 26.391 min Scan# 5776
Delta R.T. -0.013 min
Lab File: BM042121.D
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Tgt Ion:276 Resp: 1557
Ion Ratio Lower Upper
276 100
138 32.4 32.1 48.1
227 0.9 0.2 0.2#



#29
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 27.176 min Scan# 6010
Delta R.T. -0.003 min
Lab File: BM042121.D
Acq: 28 Sep 2023 19:02

Tgt Ion:276 Resp: 2877
Ion Ratio Lower Upper
276 100
138 53.7 29.0 43.4#
277 37.4 19.6 29.4#

