

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041803.D
 Acq On : 12 Sep 2023 06:38
 Operator : MA/JU
 Sample : 04175-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYX3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 07:40:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 04:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	5167	0.400	ng/ul	0.00
4) Naphthalene-d8	10.796	136	13266	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.624	164	6426	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	14386	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	8175	0.400	ng/ul	# 0.00
23) Perylene-d12	23.962	264	9122	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	33333	4.221	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	6752	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	12688	0.320	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.845	128	83778	1.923	ng/ul	98
7) 2-Methylnaphthalene	12.451	142	1494	0.060	ng/ul	98
8) 1-Methylnaphthalene	12.671	142	1288	0.052	ng/ul	98
15) Phenanthrene	17.413	178	16070	0.265	ng/ul	97
19) Fluoranthene	19.422	202	4335	0.045	ng/ul#	80
20) Pyrene	19.789	202	5399	0.056	ng/ul#	82
22) Chrysene	21.580	228	6525m	0.091	ng/ul	
24) Benzo(b)fluoranthene	23.158	252	14665m	0.180	ng/ul	
25) Benzo(k)fluoranthene	23.193	252	10550m	0.132	ng/ul	
29) Benzo(g,h,i)perylene	27.246	276	3823	0.047	ng/ul#	18

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

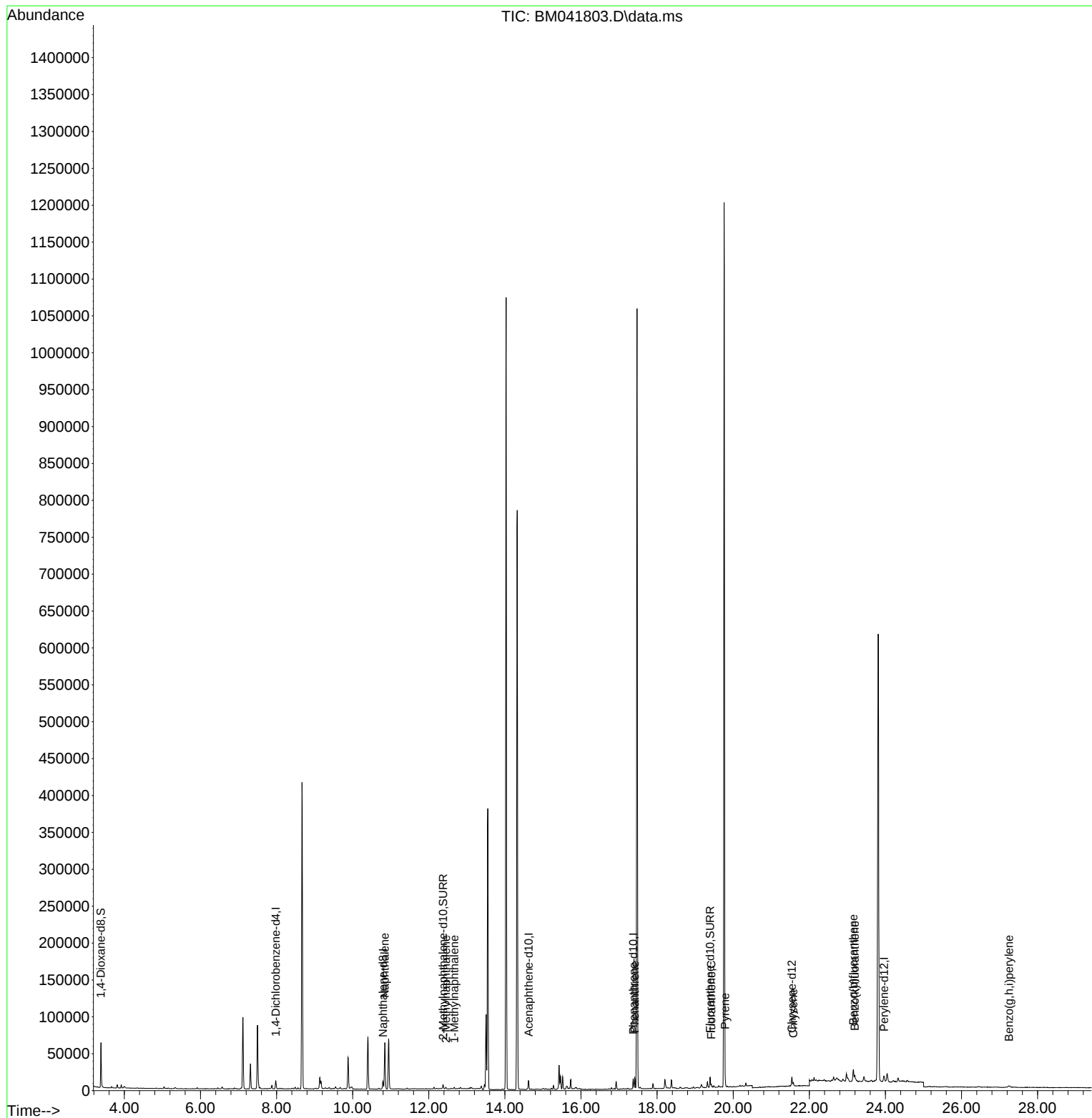
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
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ALS Vial : 28 Sample Multiplier: 1

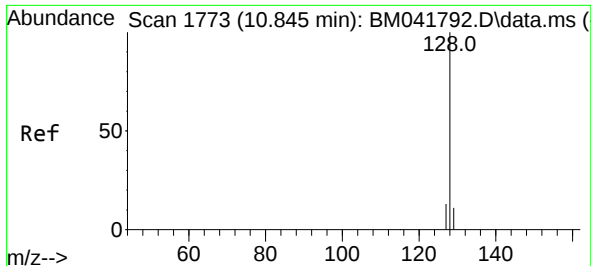
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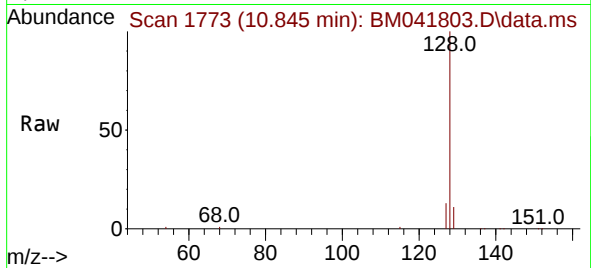
Quant Time: Sep 12 07:40:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 04:50:34 2023
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#5
Naphthalene
Concen: 1.923 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BM041803.D
Acq: 12 Sep 2023 06:38

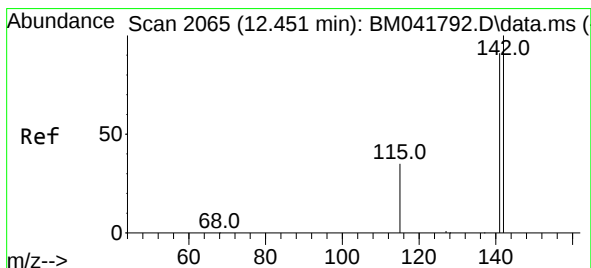
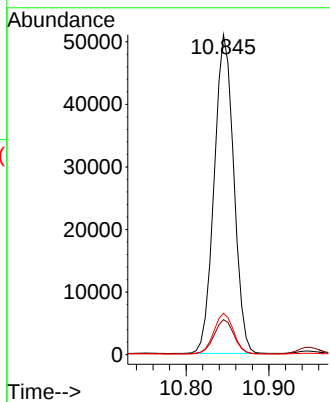
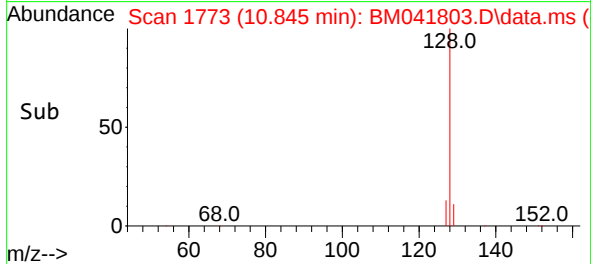
Instrument :
BNA_M
ClientSampleId :
EZYX3



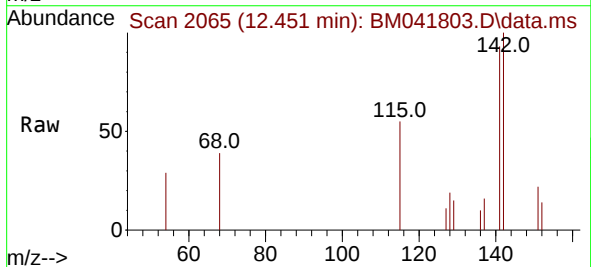
Tgt Ion:128 Resp: 83778
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 12.9 11.0 16.6

Manual Integrations
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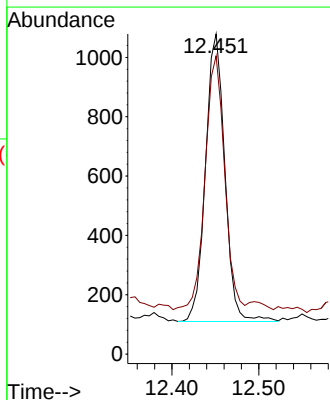
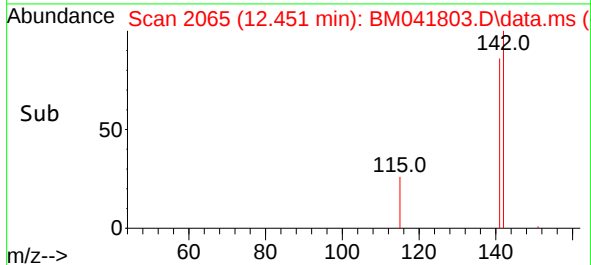
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

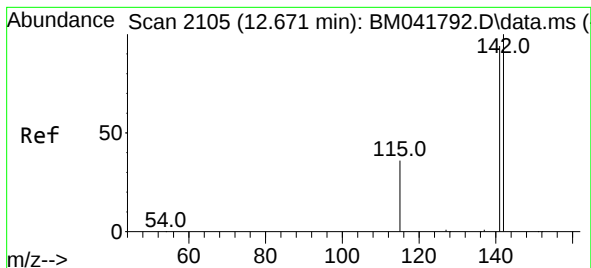


#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BM041803.D
Acq: 12 Sep 2023 06:38



Tgt Ion:142 Resp: 1494
Ion Ratio Lower Upper
142 100
141 88.5 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.052 ng/ul

RT: 12.671 min Scan# 2105

Delta R.T. -0.000 min

Lab File: BM041803.D

Acq: 12 Sep 2023 06:38

Instrument :

BNA_M

ClientSampleId :

EZYX3

Tgt Ion:142 Resp: 128

Ion Ratio Lower Upper

142 100

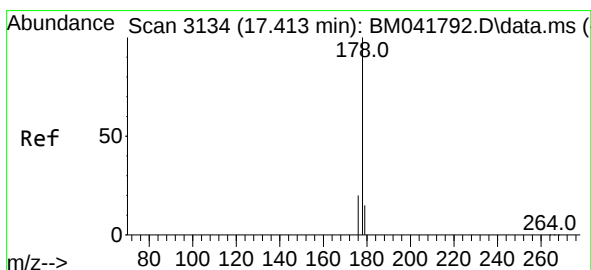
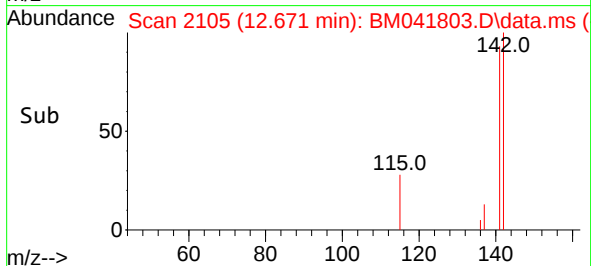
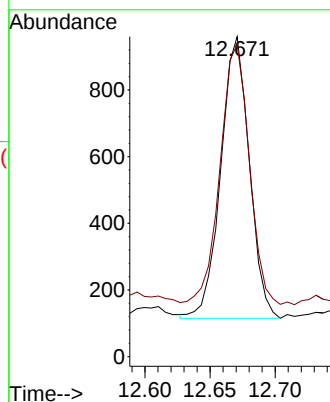
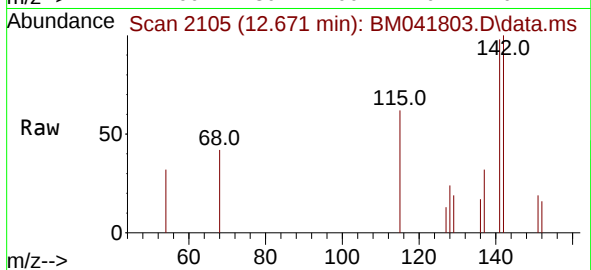
141 94.5 74.4 111.6

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#15

Phenanthrene

Concen: 0.265 ng/ul

RT: 17.413 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BM041803.D

Acq: 12 Sep 2023 06:38

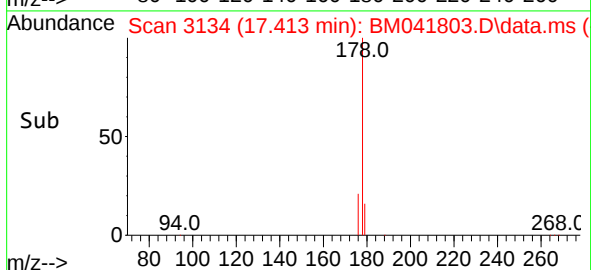
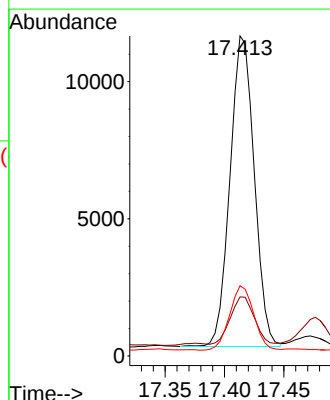
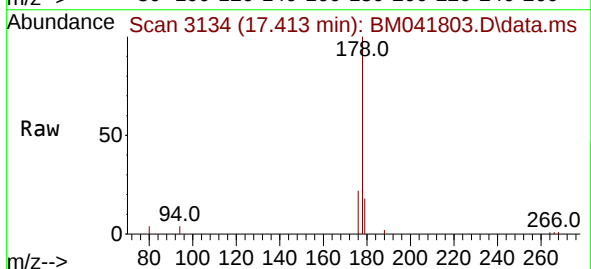
Tgt Ion:178 Resp: 16070

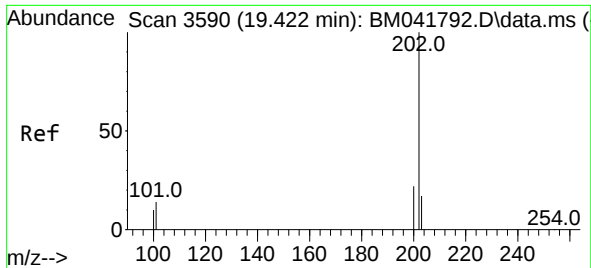
Ion Ratio Lower Upper

178 100

179 18.5 12.9 19.3

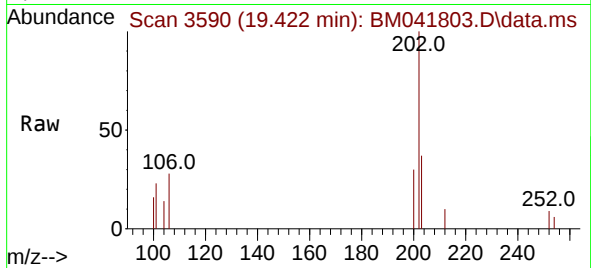
176 21.9 16.9 25.3





#19
Fluoranthene
Concen: 0.045 ng/u1
RT: 19.422 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BM041803.D
Acq: 12 Sep 2023 06:38

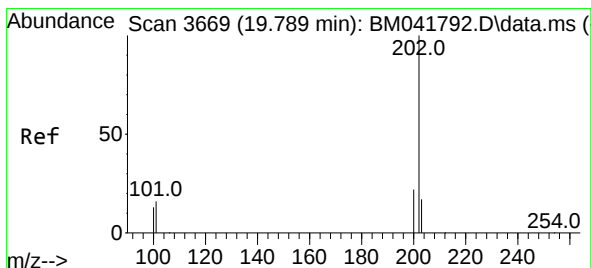
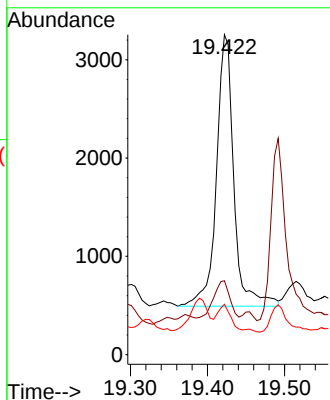
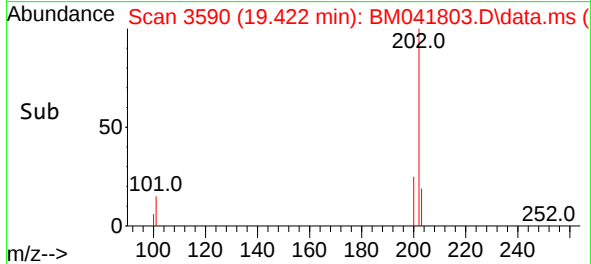
Instrument :
BNA_M
ClientSampleId :
EZYX3



Tgt Ion:202 Resp: 4335
Ion Ratio Lower Upper
202 100
101 23.1 10.5 15.7#
100 15.8 8.4 12.6#

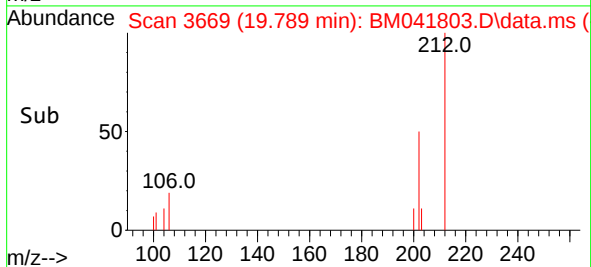
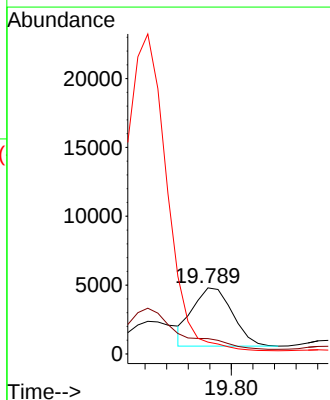
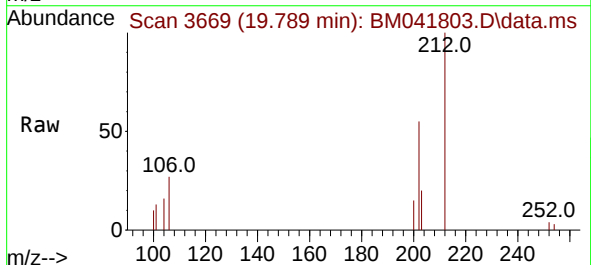
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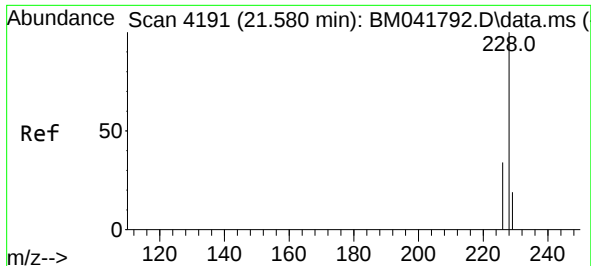
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#20
Pyrene
Concen: 0.056 ng/u1
RT: 19.789 min Scan# 3669
Delta R.T. -0.000 min
Lab File: BM041803.D
Acq: 12 Sep 2023 06:38

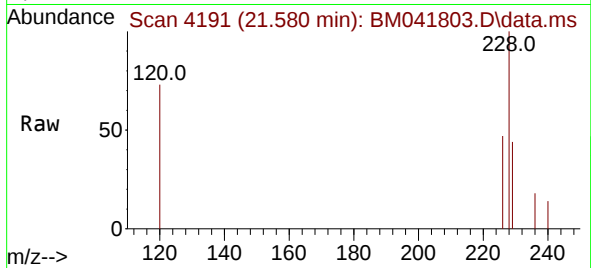
Tgt Ion:202 Resp: 5399
Ion Ratio Lower Upper
202 100
101 23.2 11.8 17.8#
100 17.9 9.8 14.6#





#22
Chrysene
Concen: 0.091 ng/ul m
RT: 21.580 min Scan# 4191
Delta R.T. -0.000 min
Lab File: BM041803.D
Acq: 12 Sep 2023 06:38

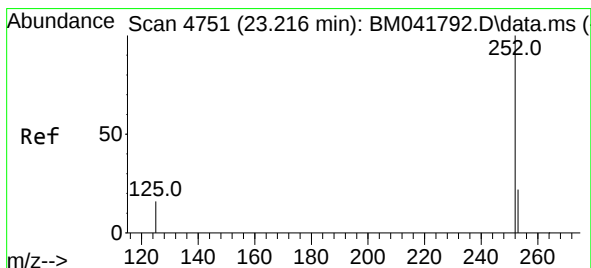
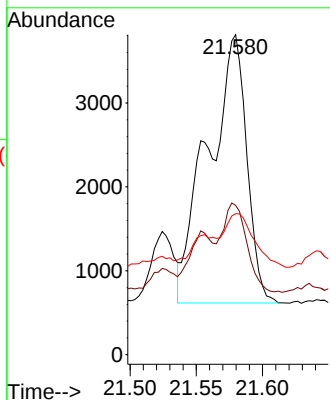
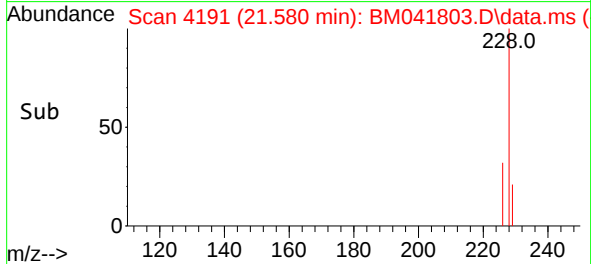
Instrument :
BNA_M
ClientSampleId :
EZYX3



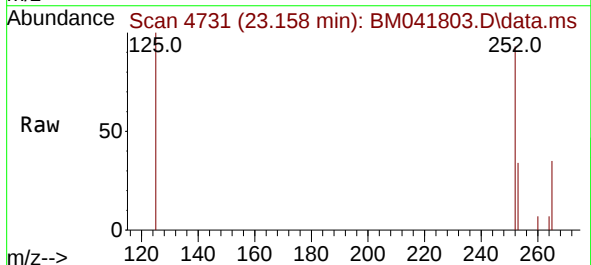
Tgt Ion:228 Resp: 6529
Ion Ratio Lower Upper
228 100
226 46.7 27.0 40.6
229 44.1 15.4 23.2

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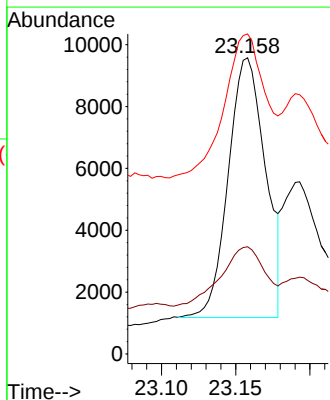
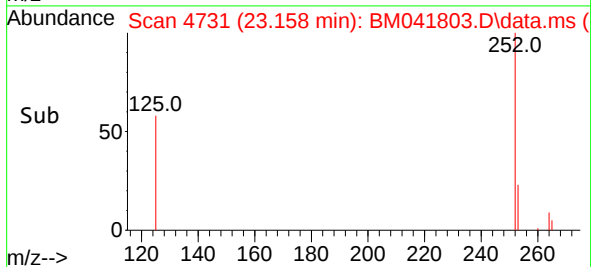
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

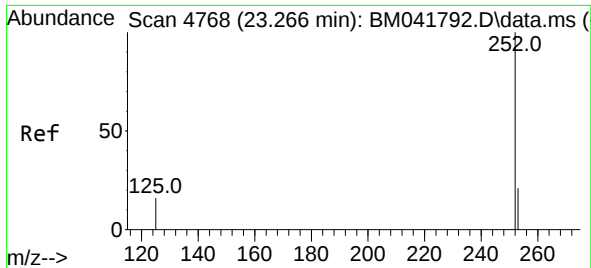


#24
Benzo(b)fluoranthene
Concen: 0.180 ng/ul m
RT: 23.158 min Scan# 4731
Delta R.T. -0.058 min
Lab File: BM041803.D
Acq: 12 Sep 2023 06:38



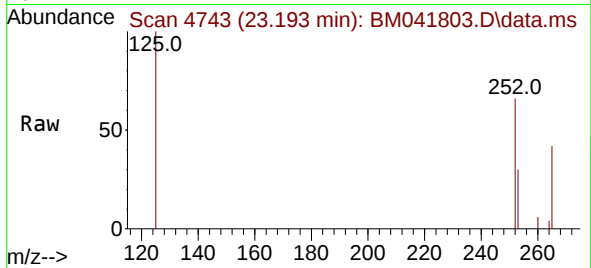
Tgt Ion:252 Resp: 14665
Ion Ratio Lower Upper
252 100
253 36.2 0.0 52.4
125 108.0 0.0 42.8





#25
Benzo(k)fluoranthene
Concen: 0.132 ng/ul m
RT: 23.193 min Scan# 4768
Delta R.T. -0.073 min
Lab File: BM041803.D
Acq: 12 Sep 2023 06:38

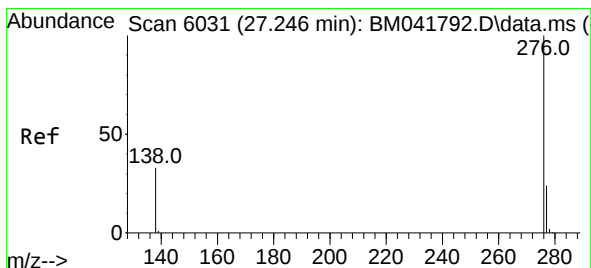
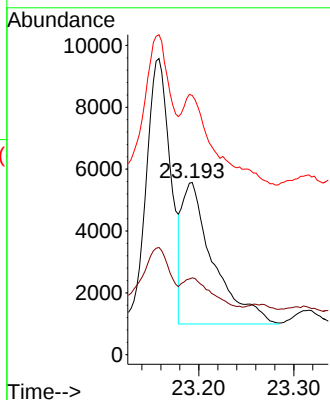
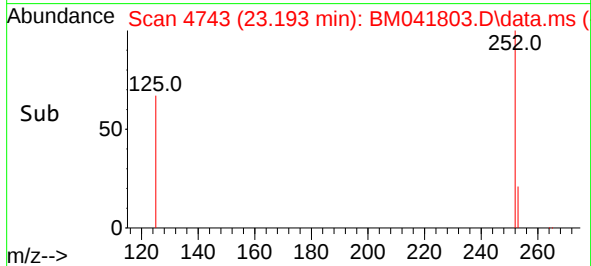
Instrument :
BNA_M
ClientSampleId :
EZYX3



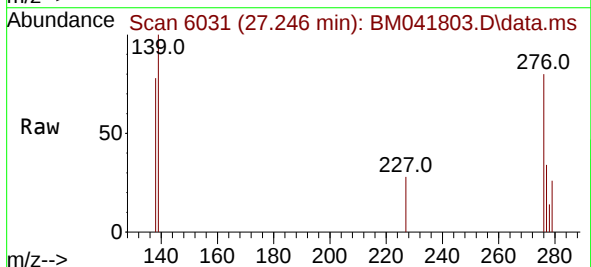
Tgt Ion:252 Resp: 10550
Ion Ratio Lower Upper
252 100
253 44.6 21.3 31.9#
125 150.6 17.4 26.0#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.047 ng/ul
RT: 27.246 min Scan# 6031
Delta R.T. -0.000 min
Lab File: BM041803.D
Acq: 12 Sep 2023 06:38



Tgt Ion:276 Resp: 3823
Ion Ratio Lower Upper
276 100
138 98.3 25.0 37.4#
277 42.1 20.2 30.2#

