

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043107.D
 Acq On : 01 Dec 2023 05:08
 Operator : MA/JU
 Sample : 05459-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 05:39:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	1229m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.601	136	3486	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.446	164	2124m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.204	188	4444m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.400	240	2822m	0.400	ng/ul	-0.01
23) Perylene-d12	23.744	264	3195m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	4232	2.244	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	1479	0.317	ng/ul	-0.03
18) Fluoranthene-d10	19.234	212	3634	0.353	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.650	128	8243	0.870	ng/ul#	85
7) 2-Methylnaphthalene	12.273	142	9410	1.684	ng/ul	96
8) 1-Methylnaphthalene	12.487	142	6888	1.105	ng/ul	98
12) Fluorene	15.501	166	320	0.038	ng/ul#	82
15) Phenanthrene	17.242	178	16935	1.335	ng/ul	93
19) Fluoranthene	19.267	202	2206	0.138	ng/ul#	97
20) Pyrene	19.629	202	2537m	0.149	ng/ul	
21) Benzo(a)anthracene	21.385	228	742m	0.081	ng/ul	
22) Chrysene	21.438	228	3510m	0.206	ng/ul	
24) Benzo(b)fluoranthene	23.025	252	997	0.092	ng/ul#	54
29) Benzo(g,h,i)perylene	26.983	276	659	0.043	ng/ul#	62

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

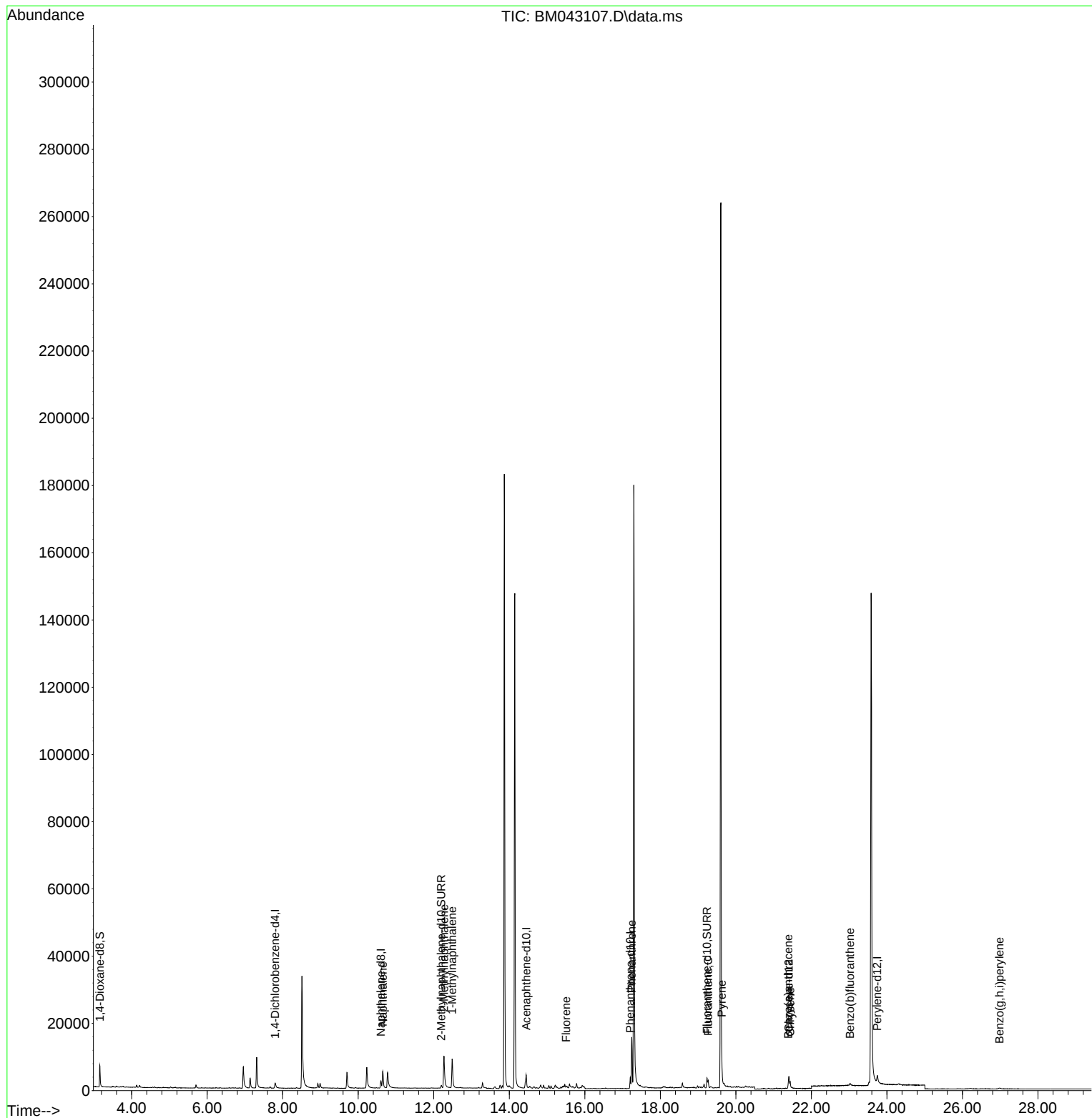
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
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ALS Vial : 24 Sample Multiplier: 1

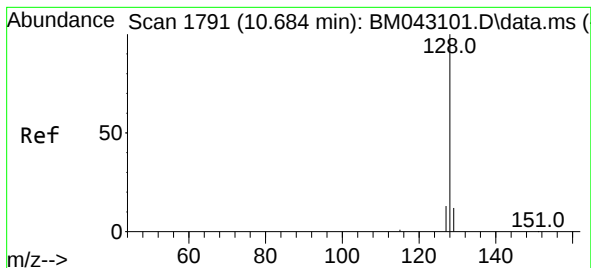
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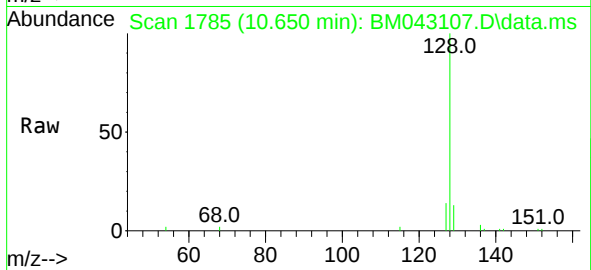
Quant Time: Dec 01 05:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
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#5
Naphthalene
Concen: 0.870 ng/ul
RT: 10.650 min Scan# 1791
Delta R.T. -0.039 min
Lab File: BM043107.D
Acq: 01 Dec 2023 05:08

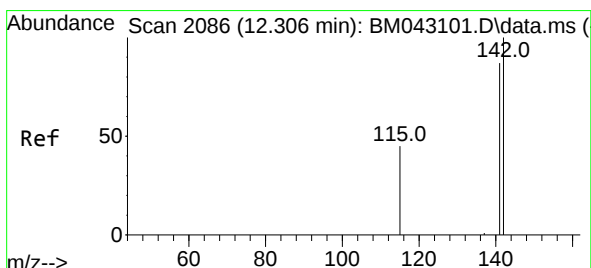
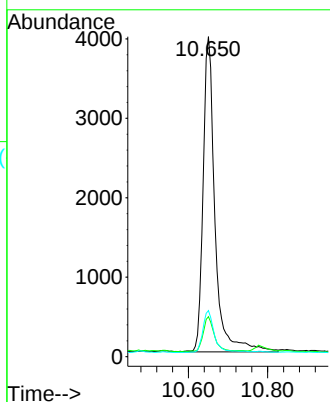
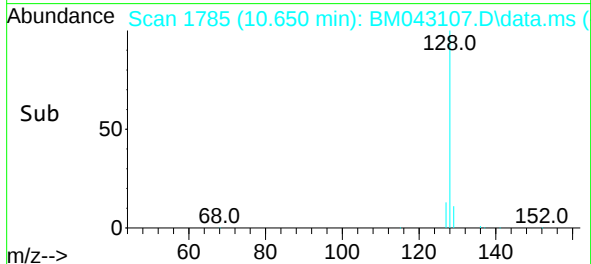
Instrument :
BNA_M
ClientSampleId :
C0AJ4



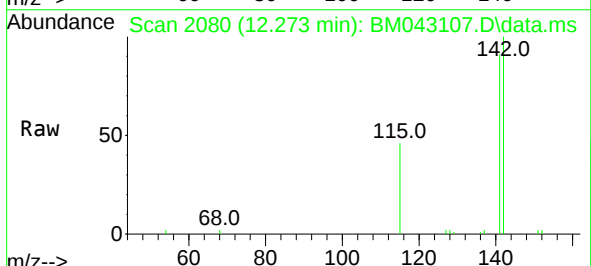
Tgt Ion:128 Resp: 824
Ion Ratio Lower Upper
128 100
129 12.5 16.0 24.0
127 14.4 16.5 24.7

Manual Integrations
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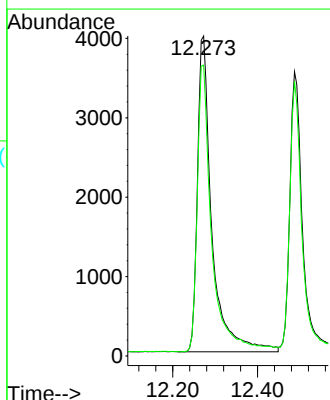
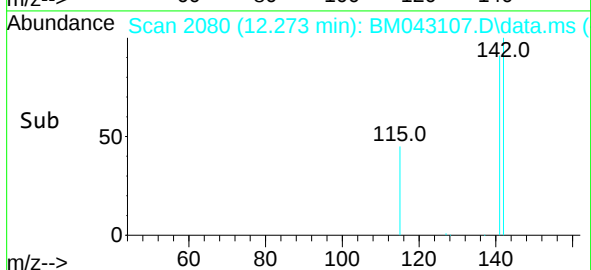
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

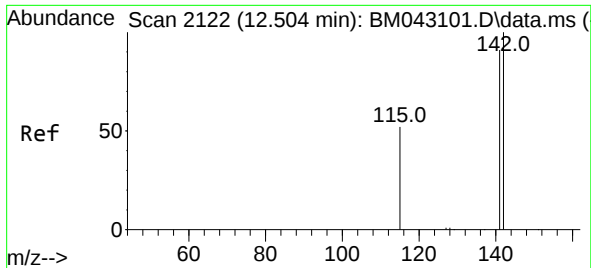


#7
2-Methylnaphthalene
Concen: 1.684 ng/ul
RT: 12.273 min Scan# 2080
Delta R.T. -0.039 min
Lab File: BM043107.D
Acq: 01 Dec 2023 05:08



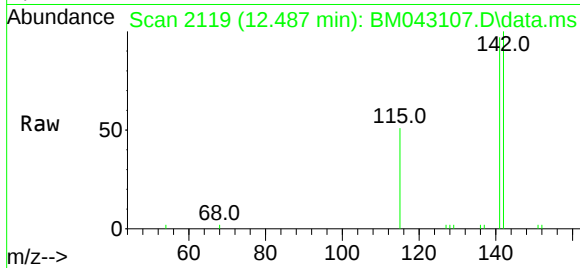
Tgt Ion:142 Resp: 9410
Ion Ratio Lower Upper
142 100
141 91.1 76.1 114.1





#8
1-Methylnaphthalene
Concen: 1.105 ng/ul
RT: 12.487 min Scan# 2122
Delta R.T. -0.022 min
Lab File: BM043107.D
Acq: 01 Dec 2023 05:08

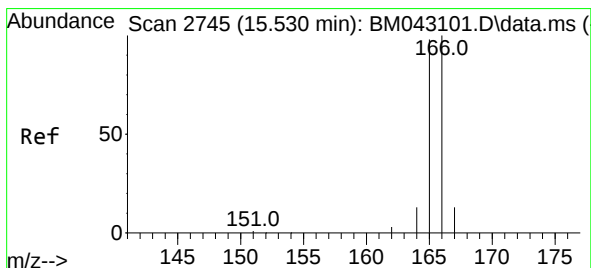
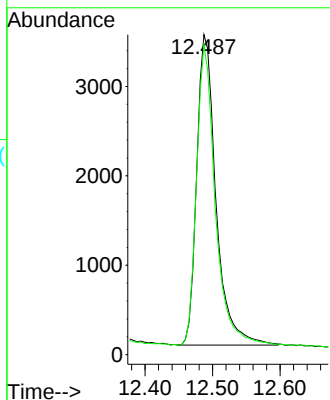
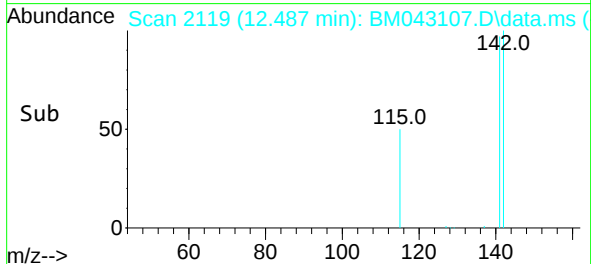
Instrument :
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ClientSampleId :
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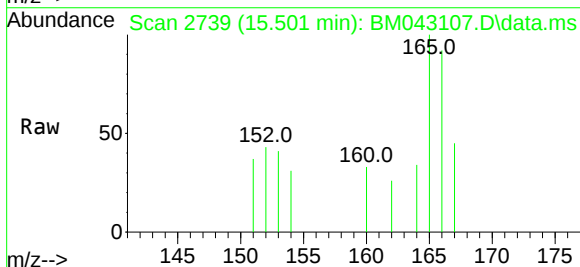
Tgt Ion:142 Resp: 688
Ion Ratio Lower Upper
142 100
141 94.1 73.8 110.8

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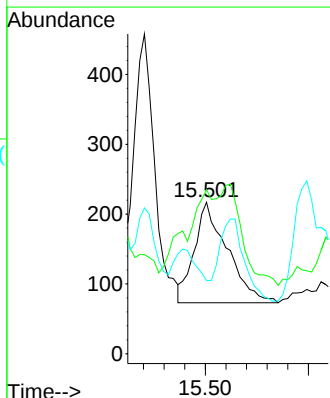
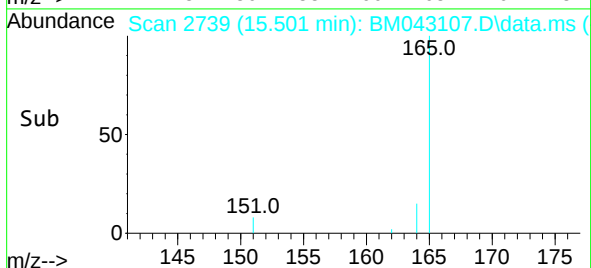
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

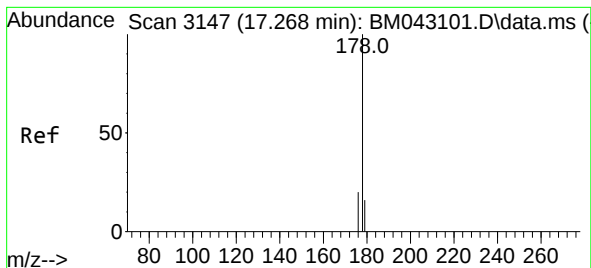


#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.501 min Scan# 2739
Delta R.T. -0.032 min
Lab File: BM043107.D
Acq: 01 Dec 2023 05:08



Tgt Ion:166 Resp: 320
Ion Ratio Lower Upper
166 100
165 108.3 79.9 119.9
167 48.4 14.2 21.4#





#15

Phenanthrene

Concen: 1.335 ng/ul

RT: 17.242 min Scan# 3141

Delta R.T. -0.030 min

Lab File: BM043107.D

Acq: 01 Dec 2023 05:08

Instrument :

BNA_M

ClientSampleId :

C0AJ4

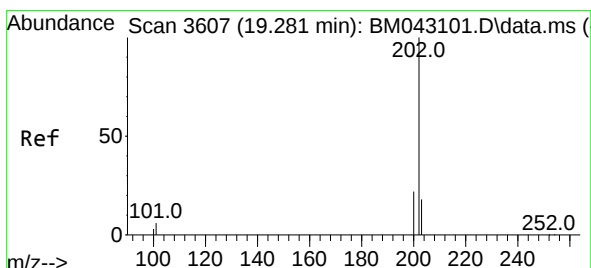
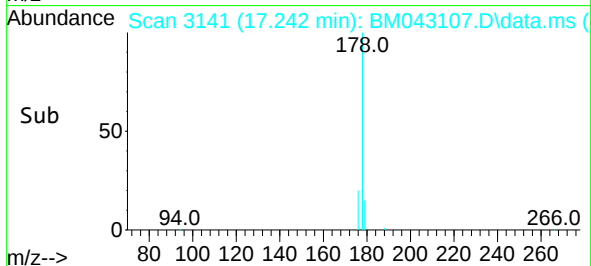
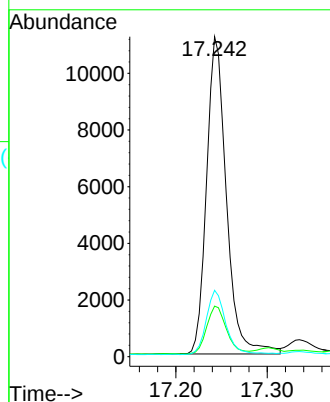
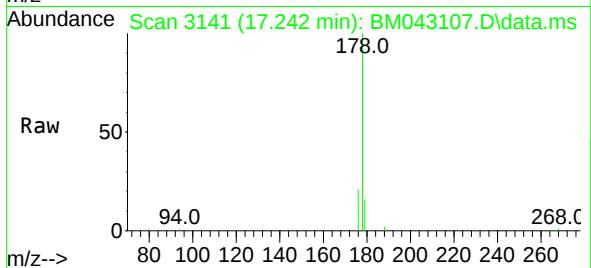
Tgt Ion:178 Resp: 16935
 Ion Ratio Lower Upper
 178 100
 179 15.8 15.7 23.5
 176 20.8 18.9 28.3

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#19

Fluoranthene

Concen: 0.138 ng/ul

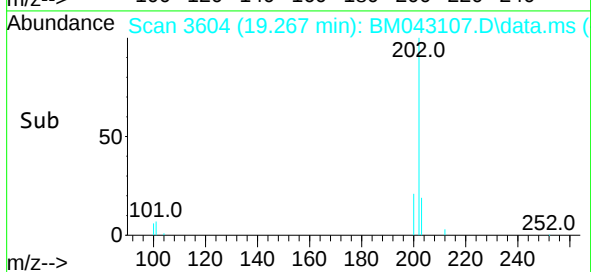
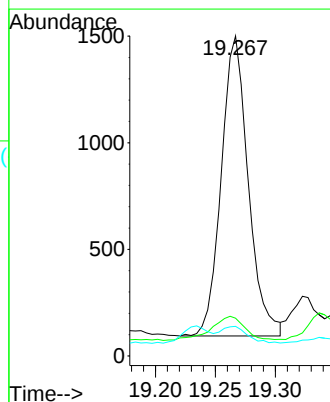
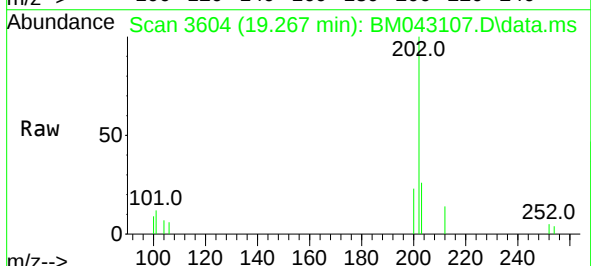
RT: 19.267 min Scan# 3604

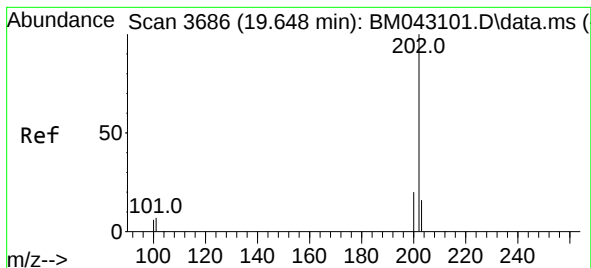
Delta R.T. -0.014 min

Lab File: BM043107.D

Acq: 01 Dec 2023 05:08

Tgt Ion:202 Resp: 2206
 Ion Ratio Lower Upper
 202 100
 101 11.8 7.8 11.8#
 100 9.3 7.1 10.7





#20

Pyrene

Concen: 0.149 ng/ul m

RT: 19.629 min Scan# 3682

Delta R.T. -0.019 min

Lab File: BM043107.D

Acq: 01 Dec 2023 05:08

Instrument :

BNA_M

ClientSampleId :

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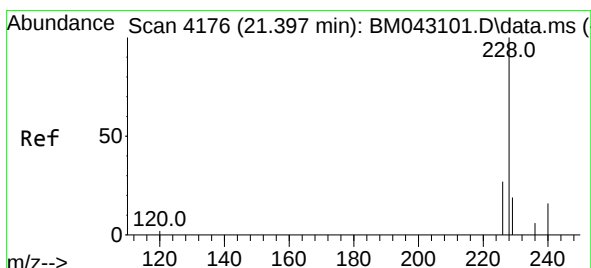
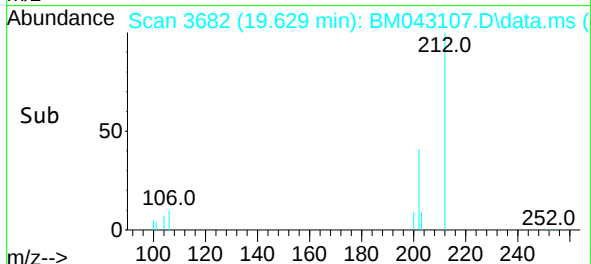
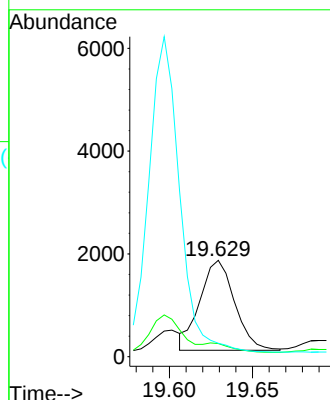
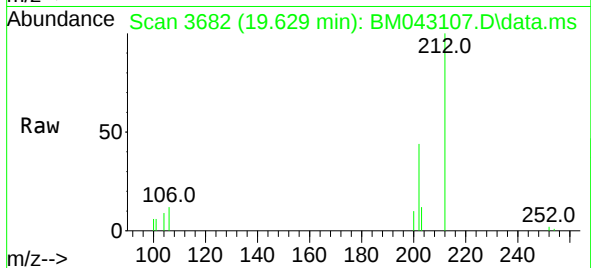
Tgt Ion:	202	Resp:	253
Ion Ratio	Lower	Upper	
202	100		
101	13.6	8.7	13.1
100	13.9	7.8	11.8

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#21

Benzo(a)anthracene

Concen: 0.081 ng/ul m

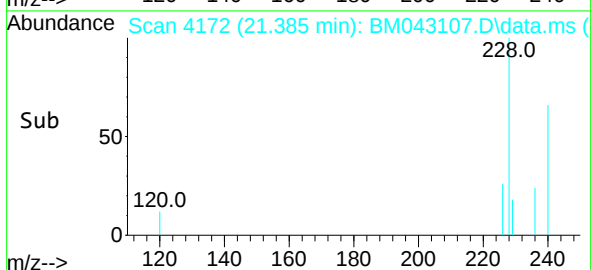
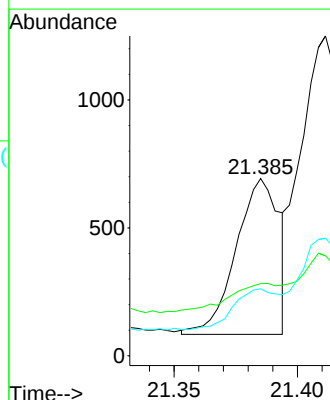
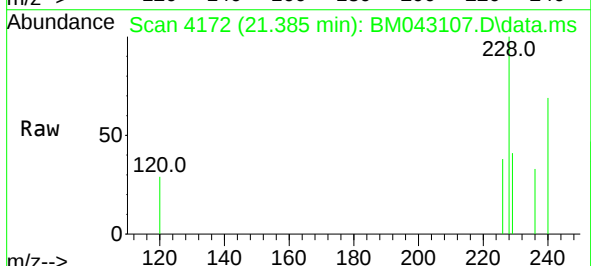
RT: 21.385 min Scan# 4172

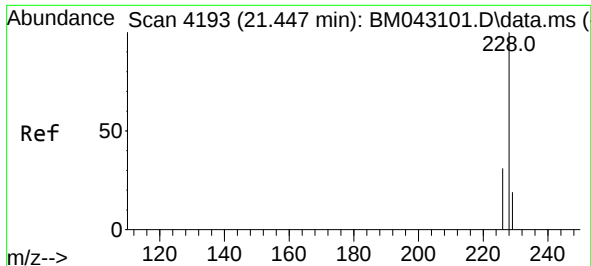
Delta R.T. -0.015 min

Lab File: BM043107.D

Acq: 01 Dec 2023 05:08

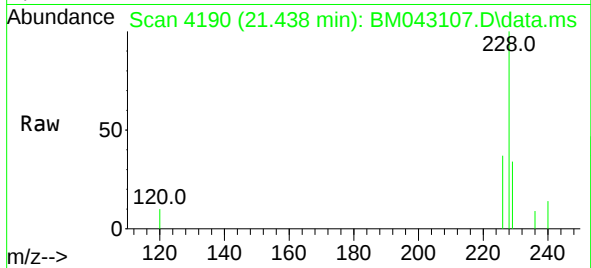
Tgt Ion:	228	Resp:	742
Ion Ratio	Lower	Upper	
228	100		
229	40.7	19.4	29.0#
226	37.8	24.9	37.3#





#22
Chrysene
Concen: 0.206 ng/ul m
RT: 21.438 min Scan# 4190
Delta R.T. -0.012 min
Lab File: BM043107.D
Acq: 01 Dec 2023 05:08

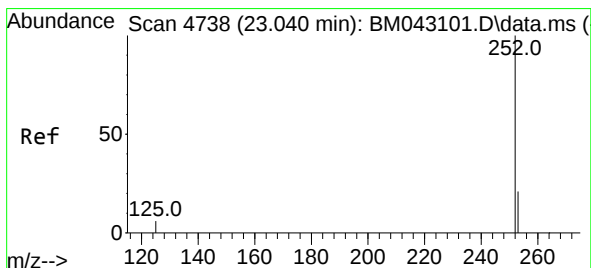
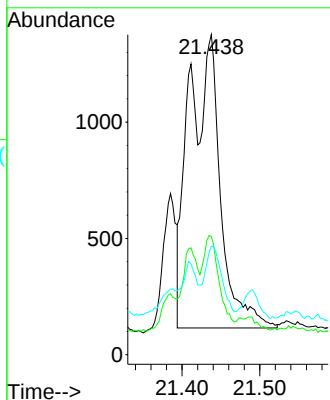
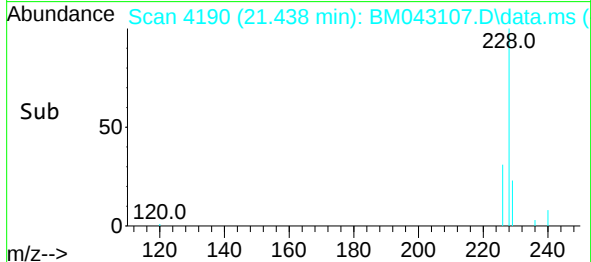
Instrument :
BNA_M
ClientSampleId :
C0AJ4



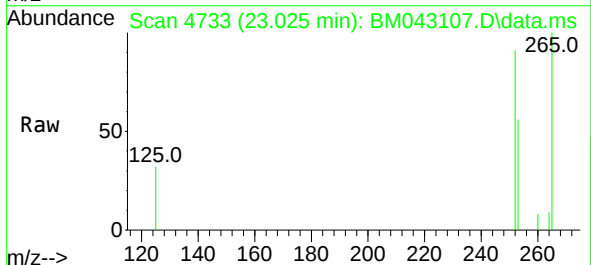
Tgt Ion:228 Resp: 3510
Ion Ratio Lower Upper
228 100
226 36.9 27.2 40.8
229 33.9 18.0 27.0

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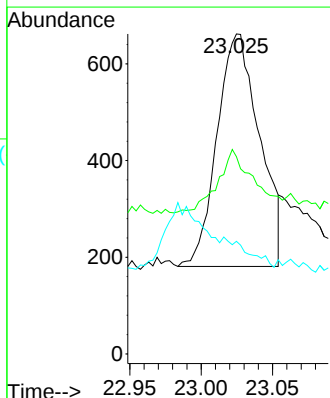
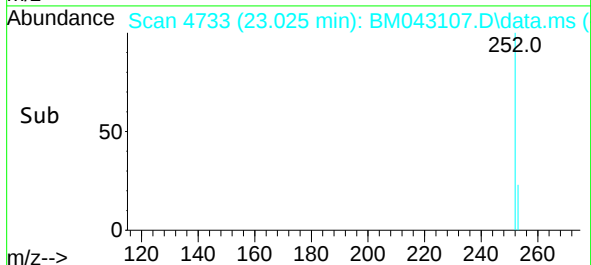
Reviewed By :Yogesh Patel 12/01/2023
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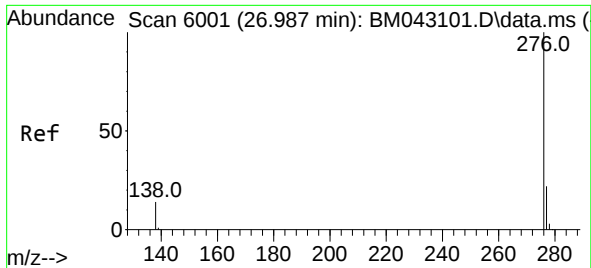


#24
Benzo(b)fluoranthene
Concen: 0.092 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.012 min
Lab File: BM043107.D
Acq: 01 Dec 2023 05:08



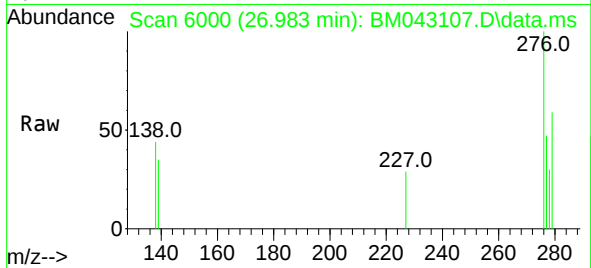
Tgt Ion:252 Resp: 997
Ion Ratio Lower Upper
252 100
253 61.6 0.0 71.8
125 35.2 0.0 29.0





#29
Benzo(g,h,i)perylene
Concen: 0.043 ng/ul
RT: 26.983 min Scan# 6000
Delta R.T. -0.003 min
Lab File: BM043107.D
Acq: 01 Dec 2023 05:08

Instrument :
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ClientSampleId :
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Tgt Ion:276 Resp: 659
Ion Ratio Lower Upper
276 100
138 43.8 17.8 26.8
277 47.5 23.8 35.8

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