

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046583.D
 Acq On : 13 Jul 2024 15:05
 Operator : MA/JU
 Sample : P3035-19
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B97

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 09:02:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	4056	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	11293	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.150	164	6928	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	14691m	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	10119	0.400	ng/ul #	0.00
23) Perylene-d12	23.253	264	10107	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	9474	2.843	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	4302	0.236	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	9340	0.303	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.947	178	4777	0.114	ng/ul	96
16) Anthracene	17.036	178	989m	0.024	ng/ul	
19) Fluoranthene	18.974	202	11358	0.273	ng/ul#	96
20) Pyrene	19.337	202	9427m	0.209	ng/ul	
21) Benzo(a)anthracene	21.096	228	4696	0.105	ng/ul#	87
22) Chrysene	21.146	228	5482	0.127	ng/ul#	91
24) Benzo(b)fluoranthene	22.618	252	6930m	0.172	ng/ul	
25) Benzo(k)fluoranthene	22.656	252	2355m	0.059	ng/ul	
26) Benzo(a)pyrene	23.162	252	4061	0.122	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	25.373	276	3554	0.070	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.386	278	903	0.023	ng/ul#	1
29) Benzo(g,h,i)perylene	26.020	276	3588	0.089	ng/ul#	61

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

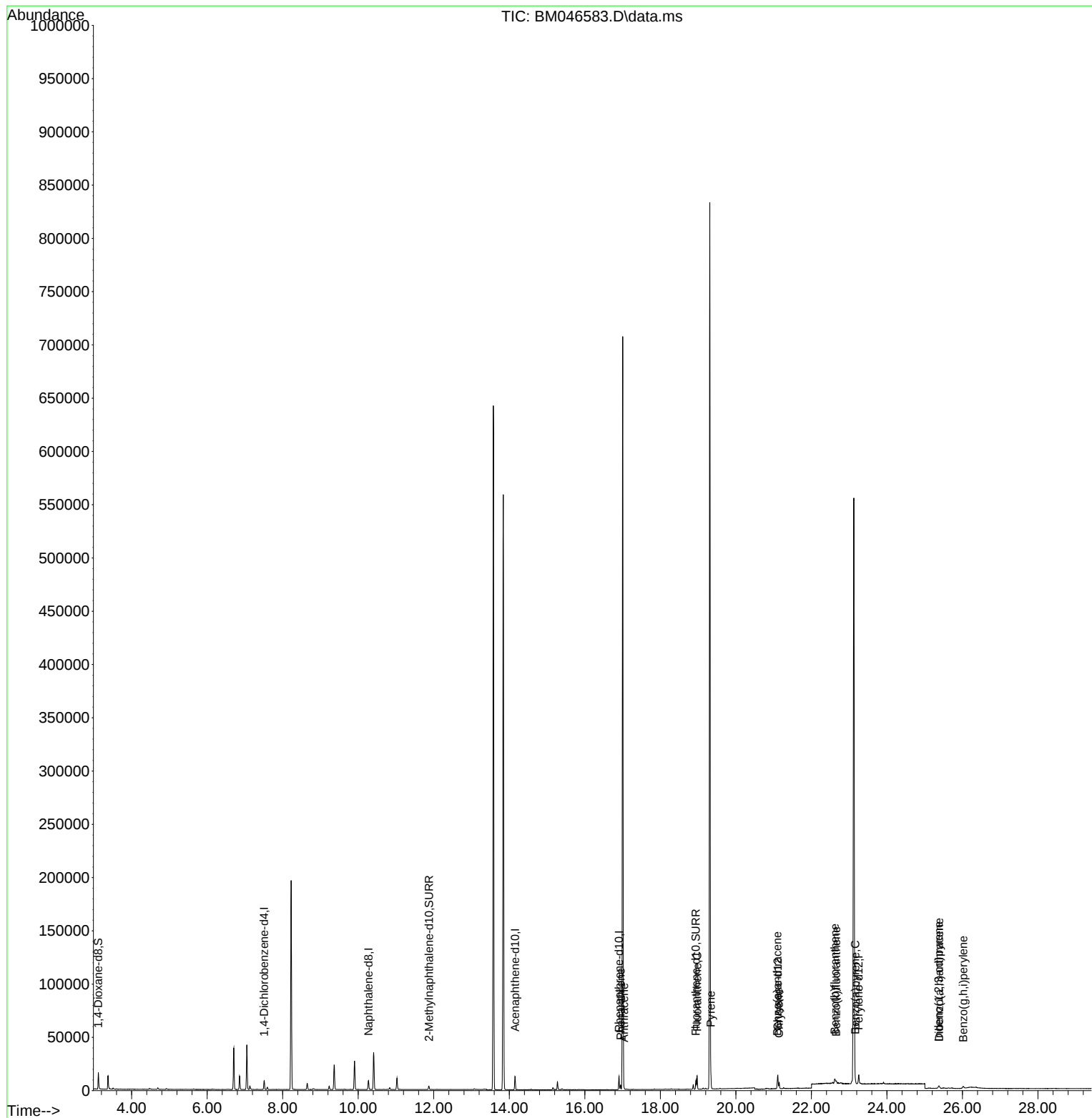
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046583.D
Acq On : 13 Jul 2024 15:05
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ALS Vial : 46 Sample Multiplier: 1

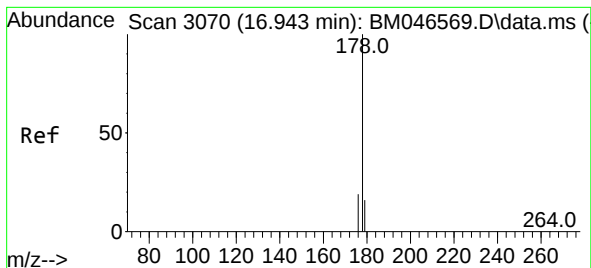
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
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QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#15

Phenanthrene

Concen: 0.114 ng/ul

RT: 16.947 min Scan# 3071

Delta R.T. 0.004 min

Lab File: BM046583.D

Acq: 13 Jul 2024 15:05

Instrument :

BNA_M

ClientSampleId :

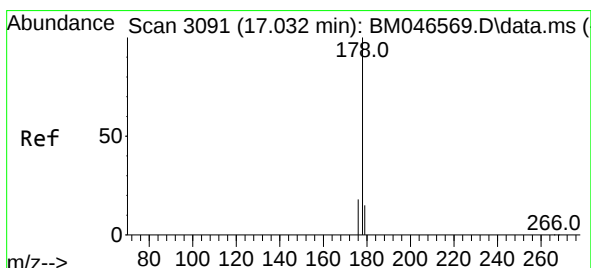
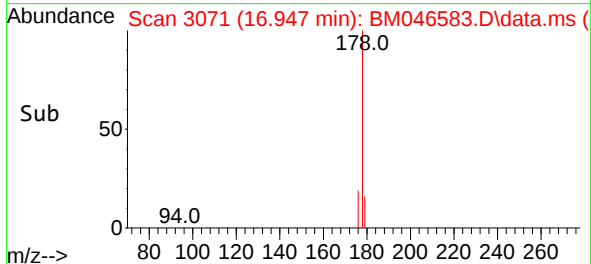
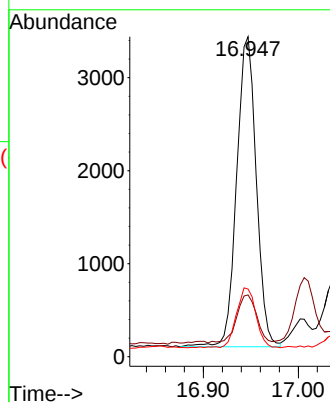
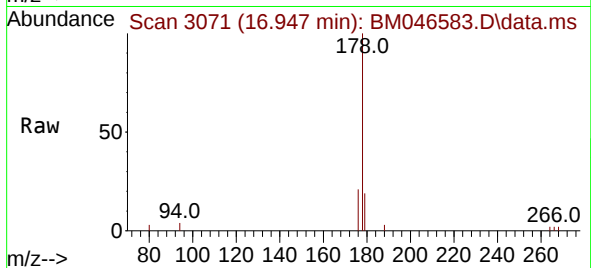
A4B97

Tgt Ion:	178	Resp:	477
Ion Ratio	Lower	Upper	
178	100		
179	19.3	13.1	19.7
176	21.2	16.0	24.0

Manual Integrations

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#16

Anthracene

Concen: 0.024 ng/ul m

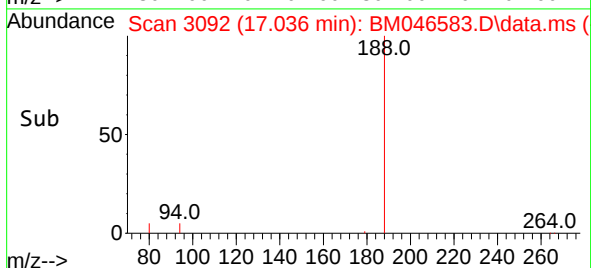
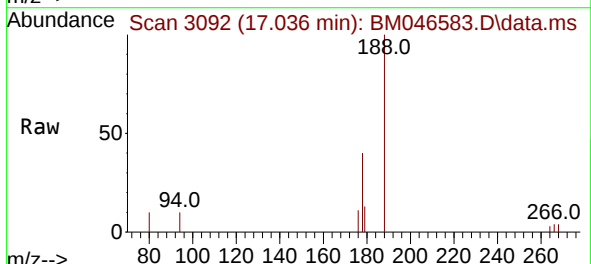
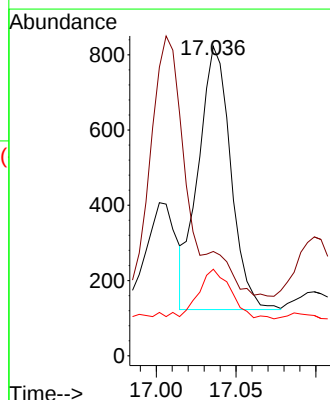
RT: 17.036 min Scan# 3092

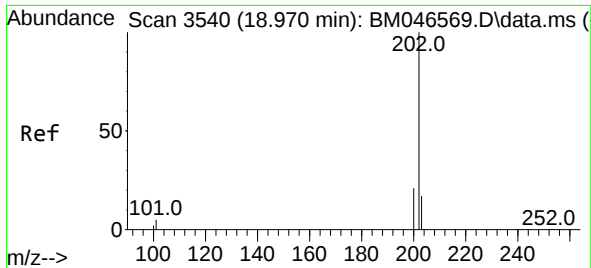
Delta R.T. 0.004 min

Lab File: BM046583.D

Acq: 13 Jul 2024 15:05

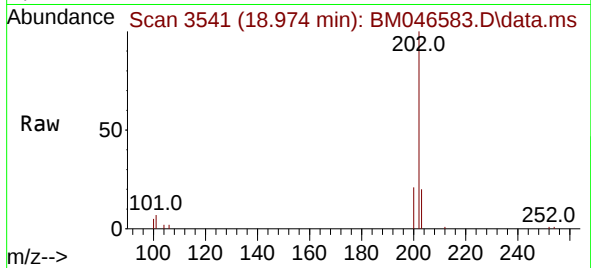
Tgt Ion:	178	Resp:	989
Ion Ratio	Lower	Upper	
178	100		
179	33.7	13.5	20.3#
176	28.0	15.7	23.5#





#19
Fluoranthene
Concen: 0.273 ng/ul
RT: 18.974 min Scan# 3541
Delta R.T. 0.004 min
Lab File: BM046583.D
Acq: 13 Jul 2024 15:05

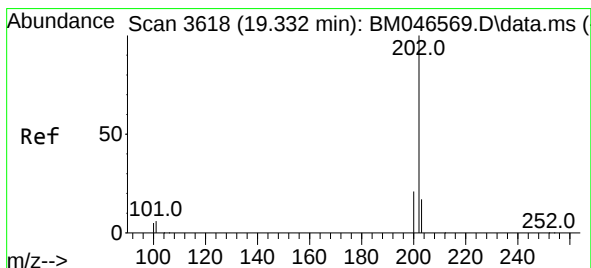
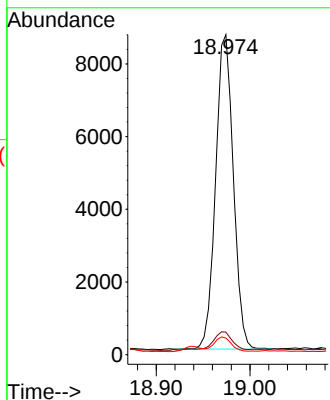
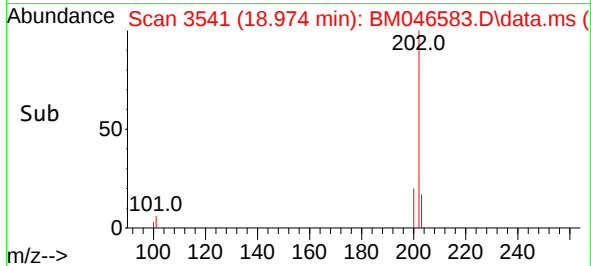
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 1135
Ion Ratio Lower Upper
202 100
101 7.0 4.6 6.8
100 5.2 3.0 4.6

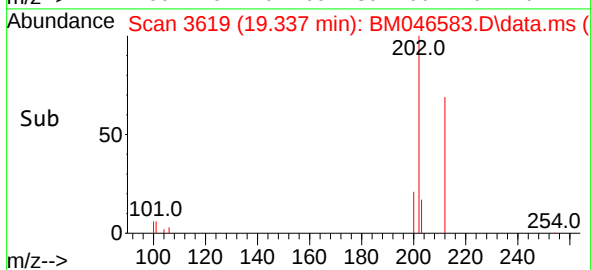
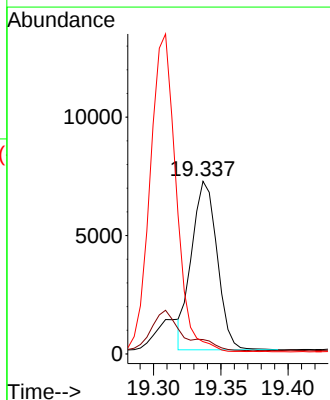
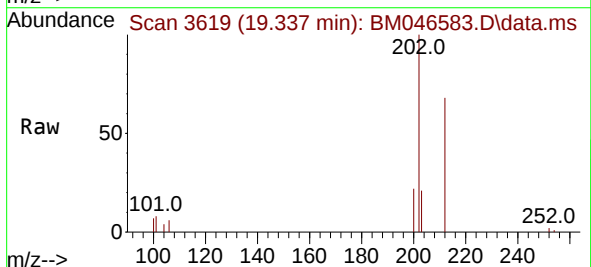
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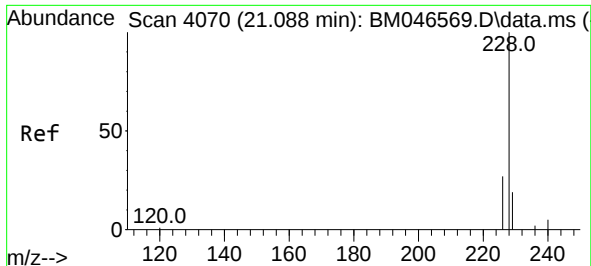
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 0.209 ng/ul m
RT: 19.337 min Scan# 3619
Delta R.T. 0.004 min
Lab File: BM046583.D
Acq: 13 Jul 2024 15:05

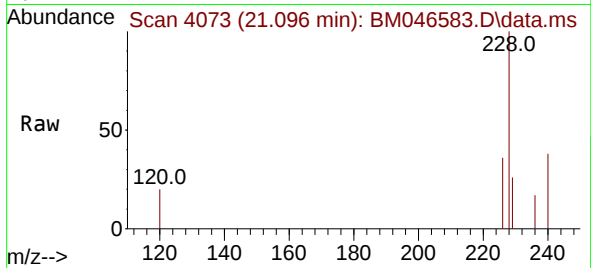
Tgt Ion:202 Resp: 9427
Ion Ratio Lower Upper
202 100
101 8.3 5.1 7.7#
100 7.2 3.8 5.6#





#21
Benzo(a)anthracene
Concen: 0.105 ng/u1
RT: 21.096 min Scan# 4073
Delta R.T. 0.008 min
Lab File: BM046583.D
Acq: 13 Jul 2024 15:05

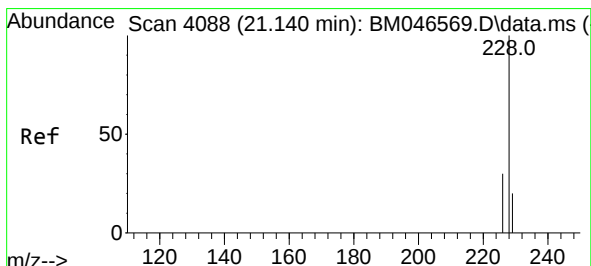
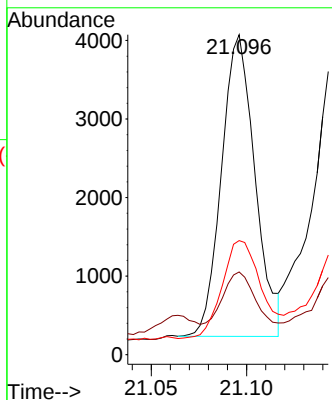
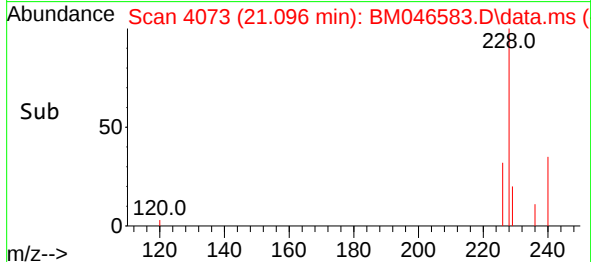
Instrument :
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ClientSampleId :
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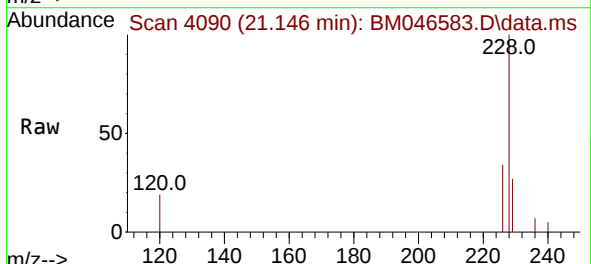
Tgt Ion:228 Resp: 4690
Ion Ratio Lower Upper
228 100
229 25.8 16.5 24.7
226 35.7 22.5 33.7

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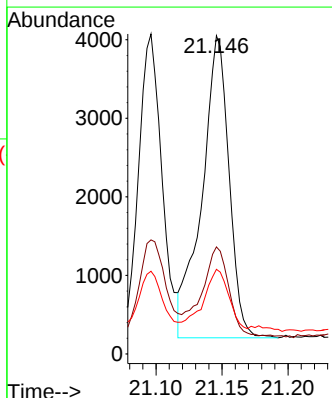
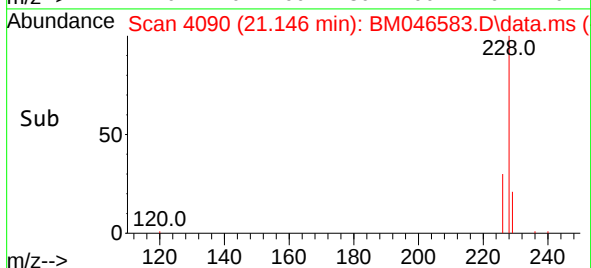
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

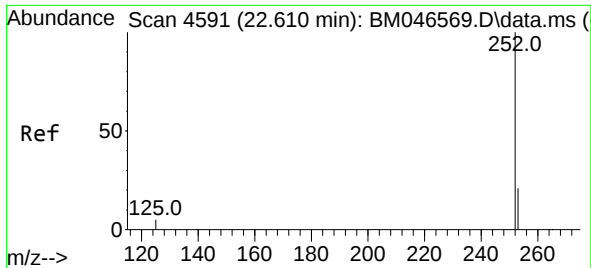


#22
Chrysene
Concen: 0.127 ng/u1
RT: 21.146 min Scan# 4090
Delta R.T. 0.005 min
Lab File: BM046583.D
Acq: 13 Jul 2024 15:05



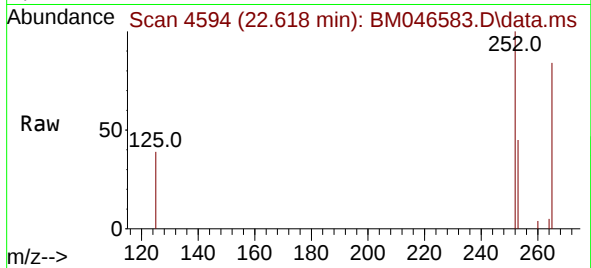
Tgt Ion:228 Resp: 5482
Ion Ratio Lower Upper
228 100
226 33.6 24.3 36.5
229 26.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.172 ng/ul m
RT: 22.618 min Scan# 4594
Delta R.T. 0.008 min
Lab File: BM046583.D
Acq: 13 Jul 2024 15:05

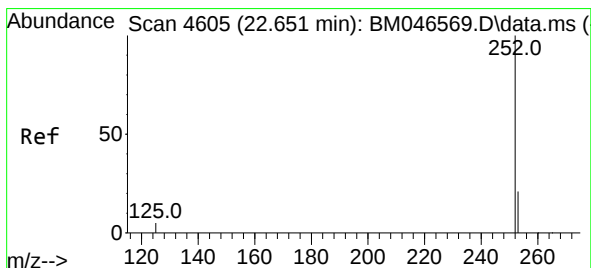
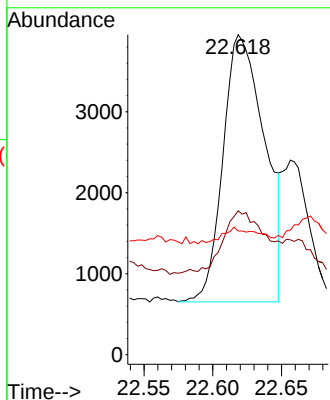
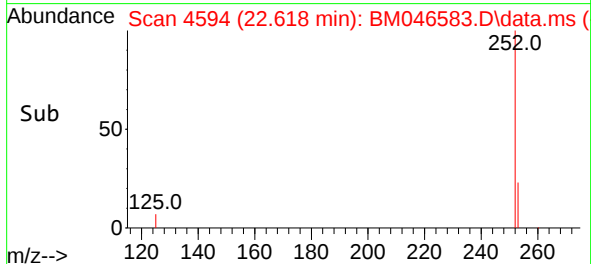
Instrument :
BNA_M
ClientSampleId :
A4B97



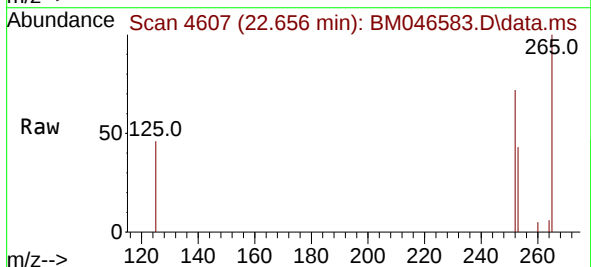
Tgt Ion:252 Resp: 6930
Ion Ratio Lower Upper
252 100
253 45.0 0.0 56.2
125 38.7 0.0 17.8

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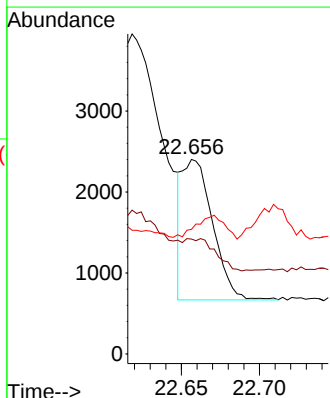
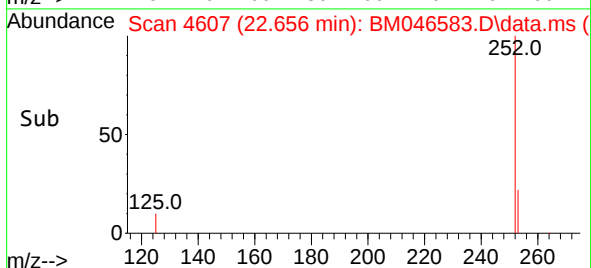
Reviewed By :Jagrut Upadhyay 07/15/2024
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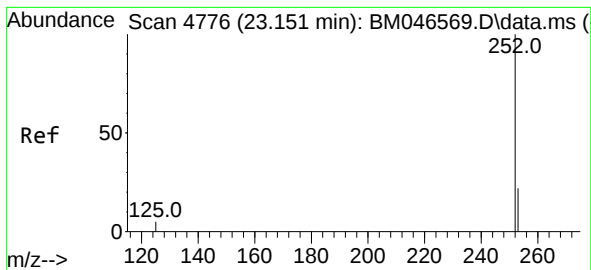


#25
Benzo(k)fluoranthene
Concen: 0.059 ng/ul m
RT: 22.656 min Scan# 4607
Delta R.T. 0.005 min
Lab File: BM046583.D
Acq: 13 Jul 2024 15:05



Tgt Ion:252 Resp: 2355
Ion Ratio Lower Upper
252 100
253 59.1 22.4 33.6#
125 64.1 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.122 ng/ul

RT: 23.162 min Scan# 41

Delta R.T. 0.011 min

Lab File: BM046583.D

Acq: 13 Jul 2024 15:05

Instrument :

BNA_M

ClientSampleId :

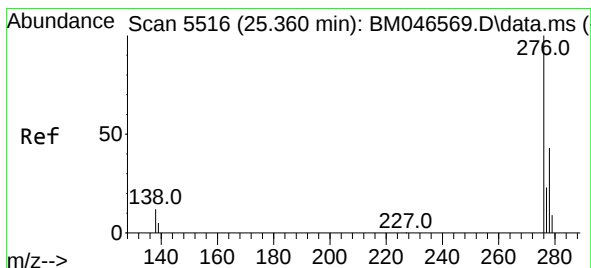
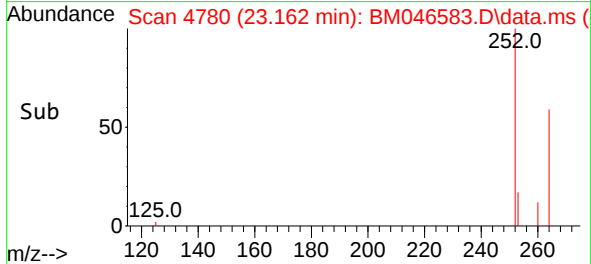
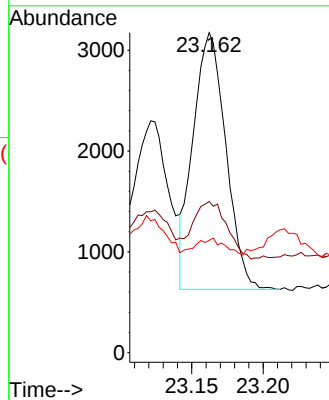
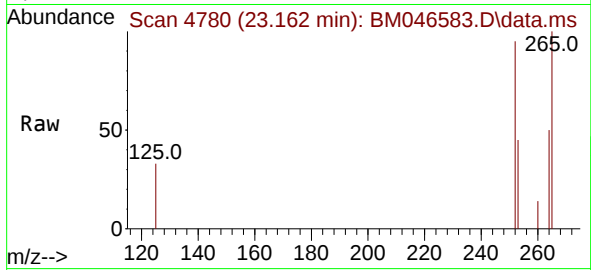
A4B97

Tgt Ion:	252	Resp:	406
Ion Ratio	Lower	Upper	
252	100		
253	47.3	24.0	36.0
125	35.1	8.2	12.2

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.070 ng/ul

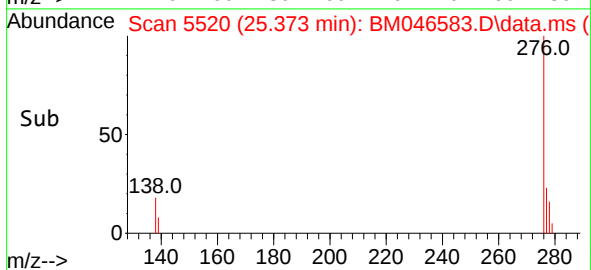
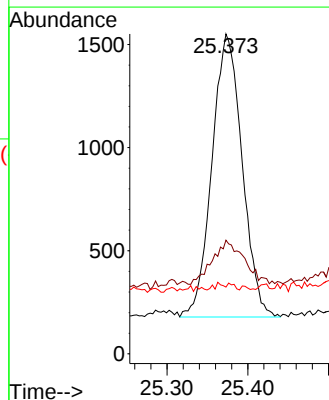
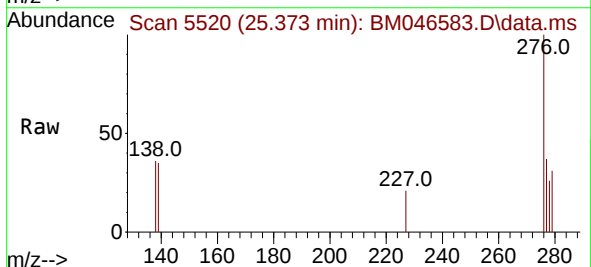
RT: 25.373 min Scan# 5520

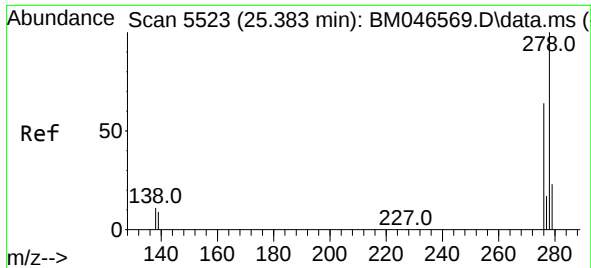
Delta R.T. 0.013 min

Lab File: BM046583.D

Acq: 13 Jul 2024 15:05

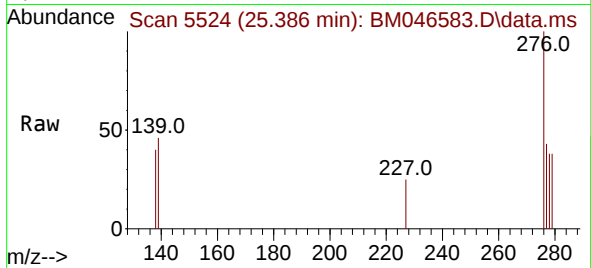
Tgt Ion:	276	Resp:	3554
Ion Ratio	Lower	Upper	
276	100		
138	18.7	0.0	0.0
227	0.6	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 25.386 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM046583.D
Acq: 13 Jul 2024 15:05

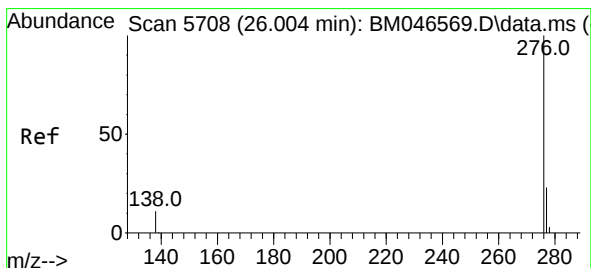
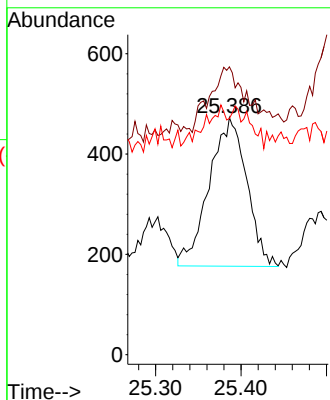
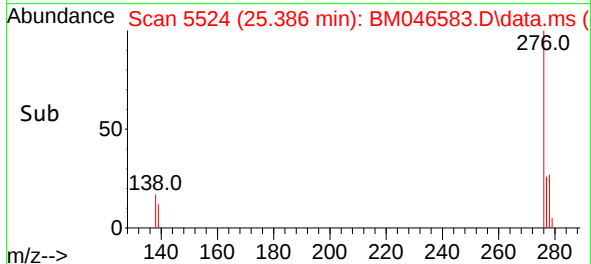
Instrument :
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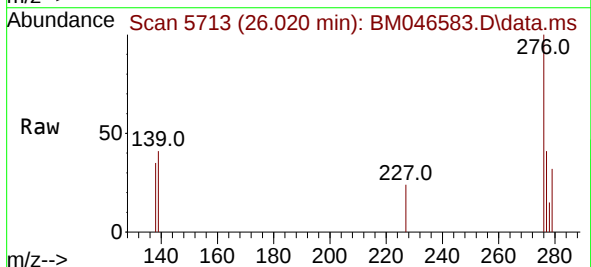
Tgt Ion:278 Resp: 90
Ion Ratio Lower Upper
278 100
139 121.4 9.1 13.7
279 99.6 23.2 34.8

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#29
Benzo(g,h,i)perylene
Concen: 0.089 ng/ul
RT: 26.020 min Scan# 5713
Delta R.T. 0.016 min
Lab File: BM046583.D
Acq: 13 Jul 2024 15:05



Tgt Ion:276 Resp: 3588
Ion Ratio Lower Upper
276 100
138 35.4 10.2 15.4#
277 41.2 20.9 31.3#

