

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046672.D
 Acq On : 17 Jul 2024 16:22
 Operator : MA/JU
 Sample : P3177-13DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BX6DL

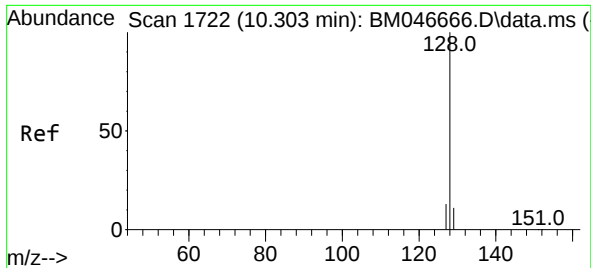
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Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 17:09:51 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

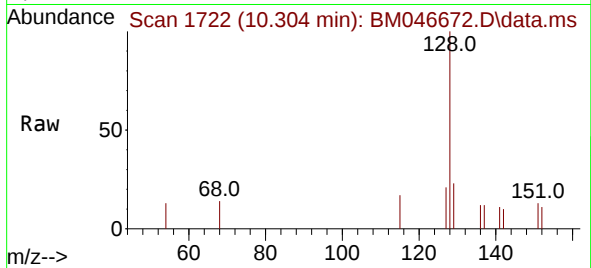
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	3034	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.255	136	8428	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.141	164	5680	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.892	188	12379	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	11171	0.400	ng/ul	# 0.00
23) Perylene-d12	23.241	264	12553	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	1580	0.634	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	716	0.053	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	1877	0.055	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.304	128	842	0.039	ng/ul#	81
7) 2-Methylnaphthalene	11.932	142	374	0.025	ng/ul	96
10) Acenaphthylene	13.854	152	2032	0.079	ng/ul#	93
11) Acenaphthene	14.201	153	668	0.039	ng/ul	92
12) Fluorene	15.196	166	906	0.042	ng/ul#	91
15) Phenanthrene	16.934	178	18662	0.528	ng/ul	99
16) Anthracene	17.023	178	4327	0.126	ng/ul	97
19) Fluoranthene	18.960	202	40611	0.885	ng/ul	99
20) Pyrene	19.327	202	25032	0.504	ng/ul	99
21) Benzo(a)anthracene	21.084	228	25136	0.509	ng/ul	93
22) Chrysene	21.137	228	27594m	0.577	ng/ul	
24) Benzo(b)fluoranthene	22.610	252	42061m	0.839	ng/ul	
25) Benzo(k)fluoranthene	22.648	252	13823m	0.281	ng/ul	
26) Benzo(a)pyrene	23.145	252	19986	0.484	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.360	276	19410	0.309	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.366	278	21240	0.427	ng/ul#	73
29) Benzo(g,h,i)perylene	26.000	276	2979	0.059	ng/ul#	38

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



#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.304 min Scan# 1722
Delta R.T. -0.011 min
Lab File: BM046672.D
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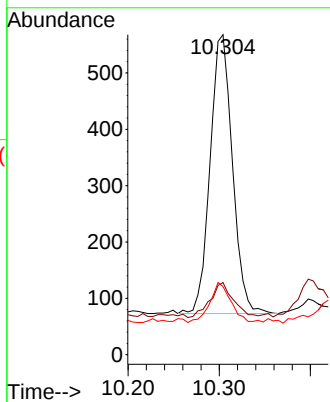
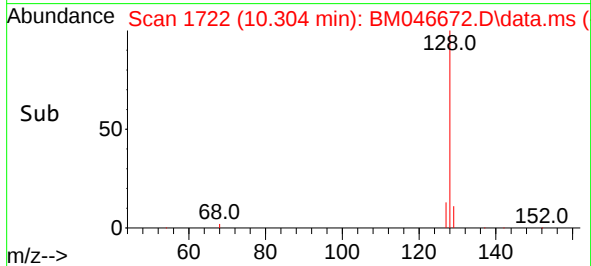
Instrument :
BNA_M
ClientSampleId :
A4BX6DL



Tgt Ion:128 Resp: 842
Ion Ratio Lower Upper
128 100
129 22.5 10.3 15.5
127 21.3 12.2 18.4

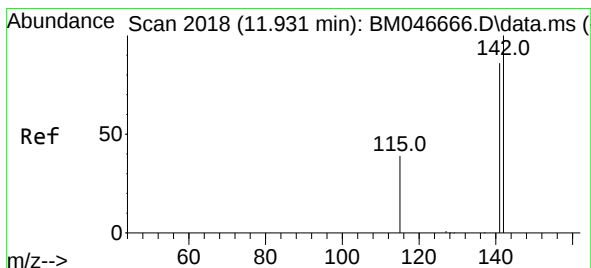
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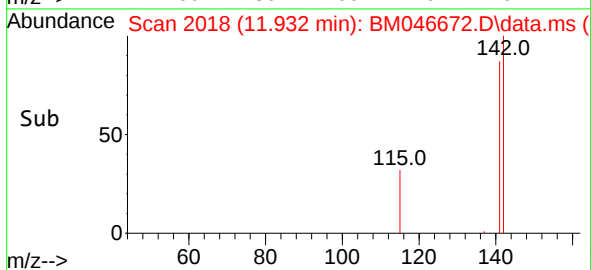
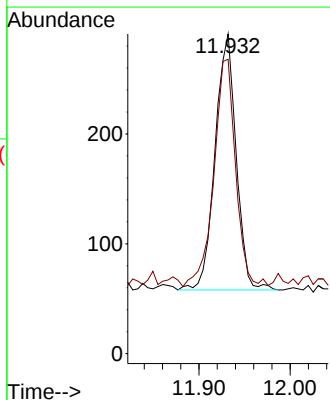
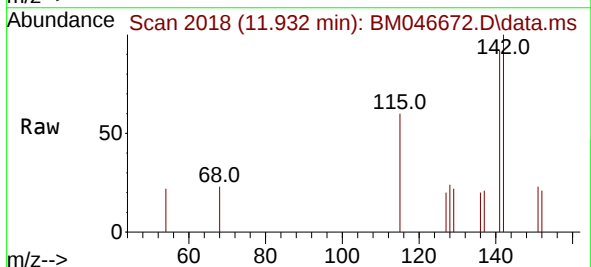
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ahmed

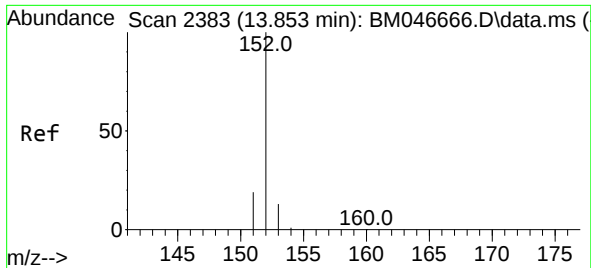
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#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 11.932 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BM046672.D
Acq: 17 Jul 2024 16:22

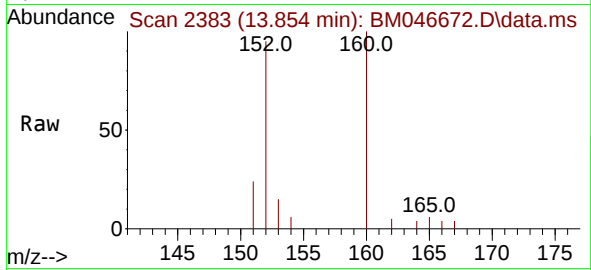
Tgt Ion:142 Resp: 374
Ion Ratio Lower Upper
142 100
141 92.0 70.3 105.5





#10
Acenaphthylene
Concen: 0.079 ng/u1
RT: 13.854 min Scan# 21
Delta R.T. -0.010 min
Lab File: BM046672.D
Acq: 17 Jul 2024 16:22

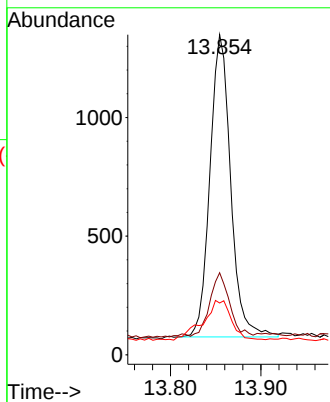
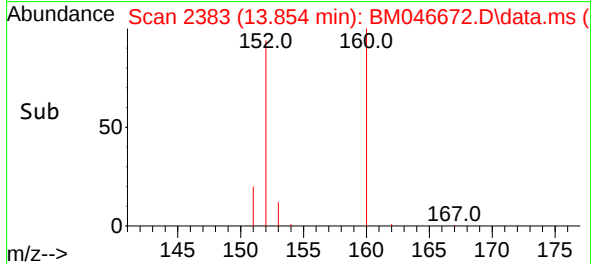
Instrument :
BNA_M
ClientSampleId :
A4BX6DL



Tgt Ion:152 Resp: 203
Ion Ratio Lower Upper
152 100
151 25.6 16.4 24.6
153 16.2 12.4 18.6

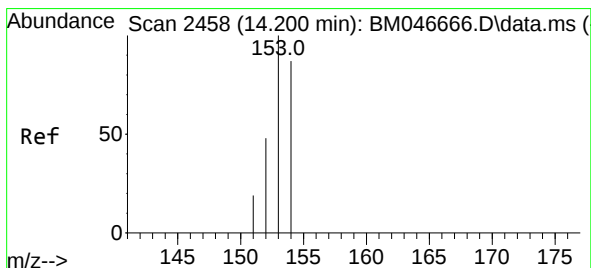
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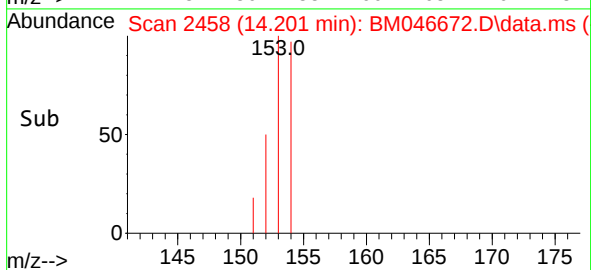
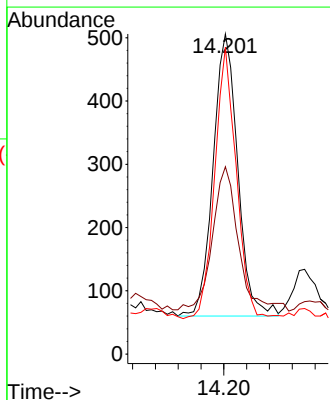
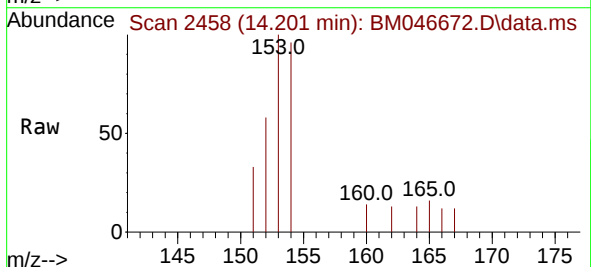
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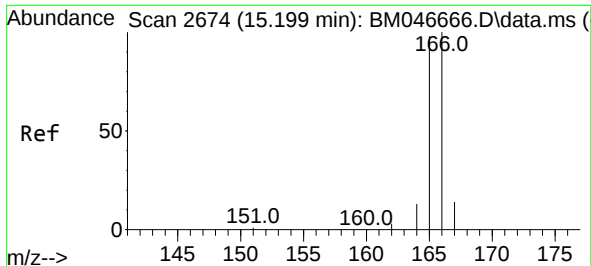
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#11
Acenaphthene
Concen: 0.039 ng/u1
RT: 14.201 min Scan# 2458
Delta R.T. -0.010 min
Lab File: BM046672.D
Acq: 17 Jul 2024 16:22

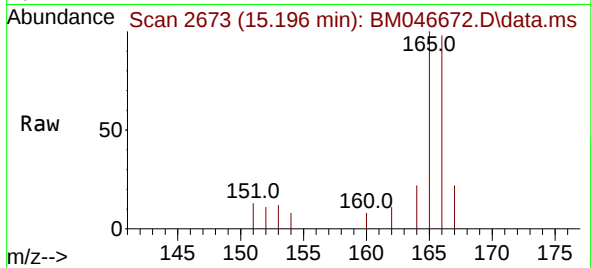
Tgt Ion:153 Resp: 668
Ion Ratio Lower Upper
153 100
152 58.5 43.0 64.6
154 95.8 69.9 104.9





#12
Fluorene
Concen: 0.042 ng/ul
RT: 15.196 min Scan# 2674
Delta R.T. -0.010 min
Lab File: BM046672.D
Acq: 17 Jul 2024 16:22

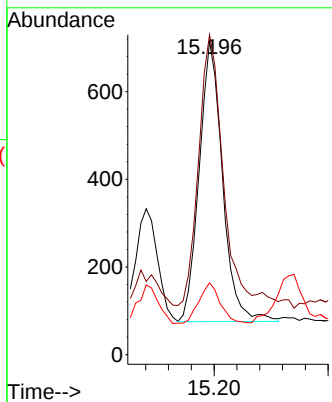
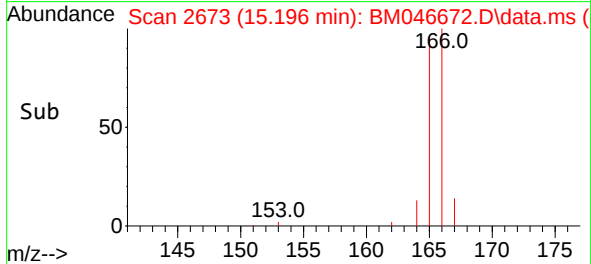
Instrument :
BNA_M
ClientSampleId :
A4BX6DL



Tgt Ion:166 Resp: 9000
Ion Ratio Lower Upper
166 100
165 102.1 76.1 114.1
167 22.9 12.5 18.7

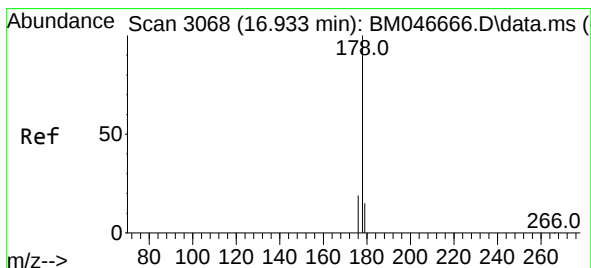
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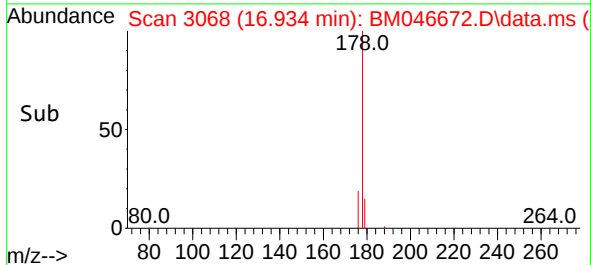
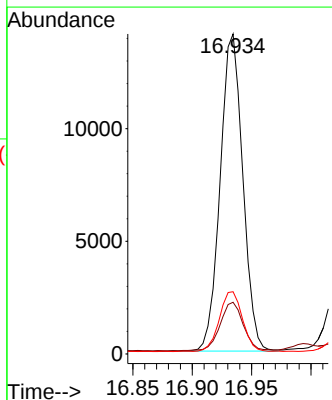
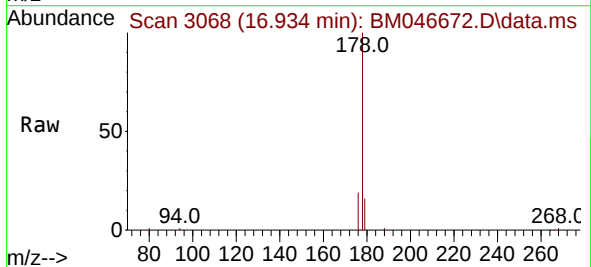
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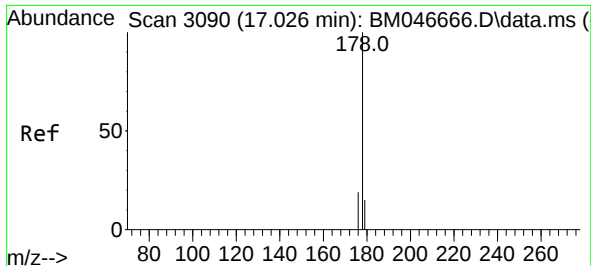
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#15
Phenanthrene
Concen: 0.528 ng/ul
RT: 16.934 min Scan# 3068
Delta R.T. -0.009 min
Lab File: BM046672.D
Acq: 17 Jul 2024 16:22

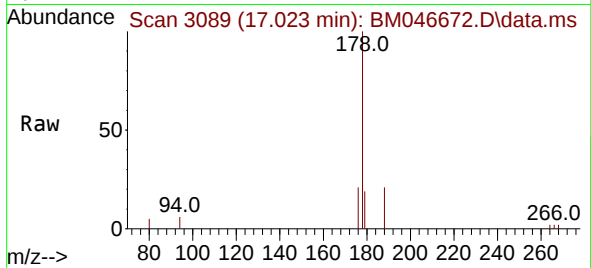
Tgt Ion:178 Resp: 18662
Ion Ratio Lower Upper
178 100
179 16.1 13.1 19.7
176 19.5 16.0 24.0





#16
Anthracene
Concen: 0.126 ng/ul
RT: 17.023 min Scan# 3090
Delta R.T. -0.009 min
Lab File: BM046672.D
Acq: 17 Jul 2024 16:22

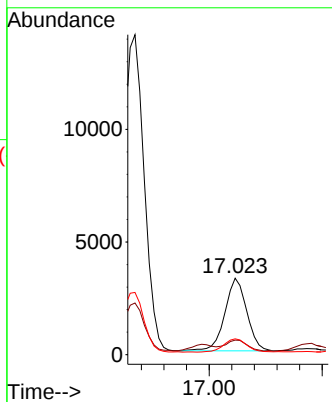
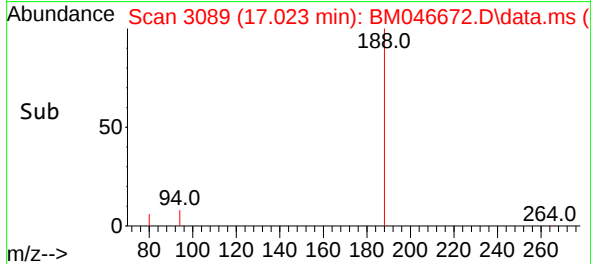
Instrument :
BNA_M
ClientSampleId :
A4BX6DL



Tgt Ion:178 Resp: 432
Ion Ratio Lower Upper
178 100
179 19.0 13.5 20.3
176 20.6 15.7 23.5

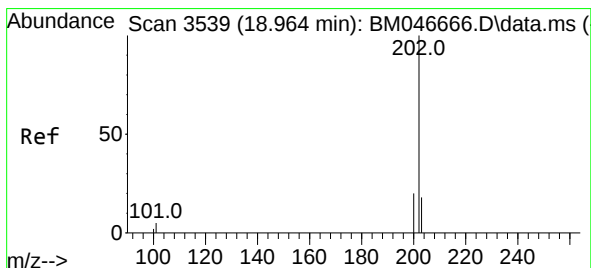
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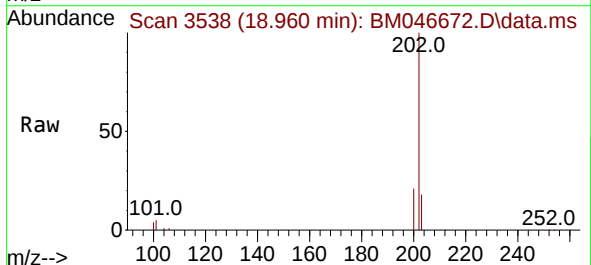


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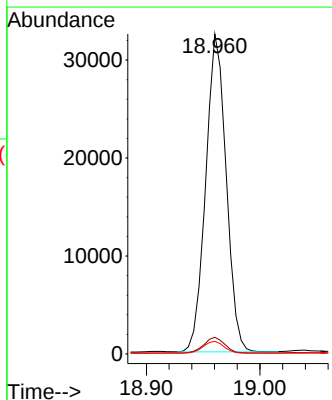
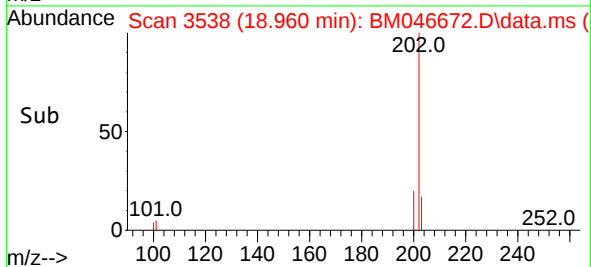
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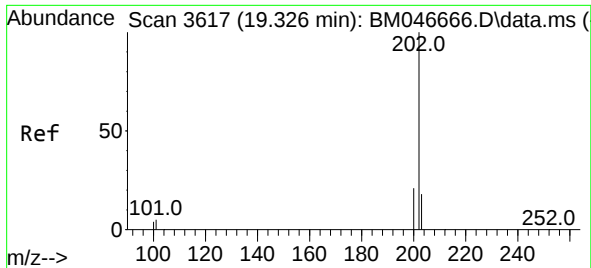


#19
Fluoranthene
Concen: 0.885 ng/ul
RT: 18.960 min Scan# 3538
Delta R.T. -0.010 min
Lab File: BM046672.D
Acq: 17 Jul 2024 16:22



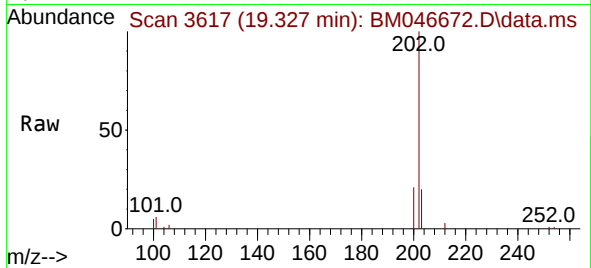
Tgt Ion:202 Resp: 40611
Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 3.9 3.0 4.6





#20
Pyrene
Concen: 0.504 ng/ul
RT: 19.327 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM046672.D
Acq: 17 Jul 2024 16:22

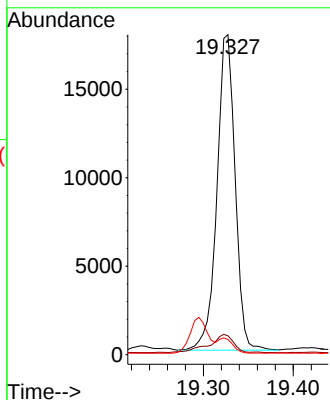
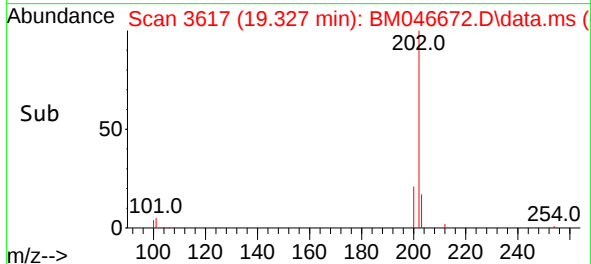
Instrument :
BNA_M
ClientSampleId :
A4BX6DL



Tgt Ion:202 Resp: 2503
Ion Ratio Lower Upper
202 100
101 5.9 5.1 7.7
100 4.8 3.8 5.6

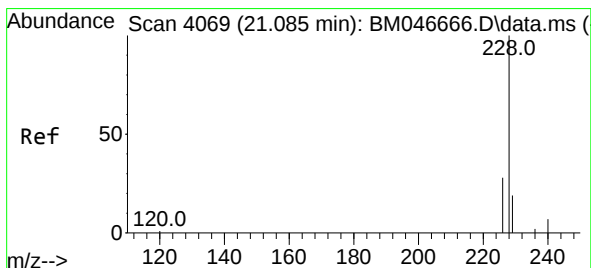
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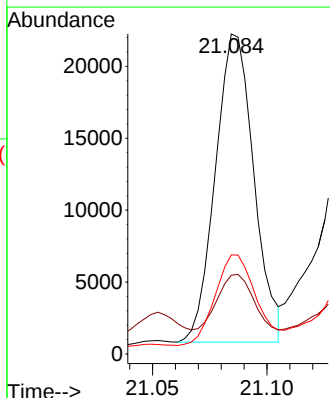
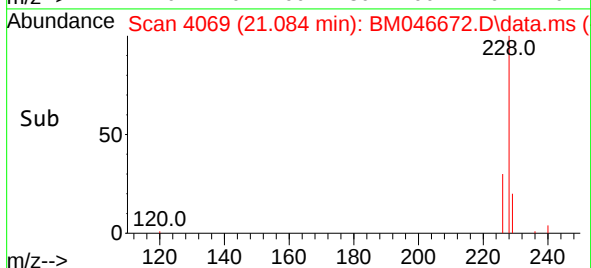
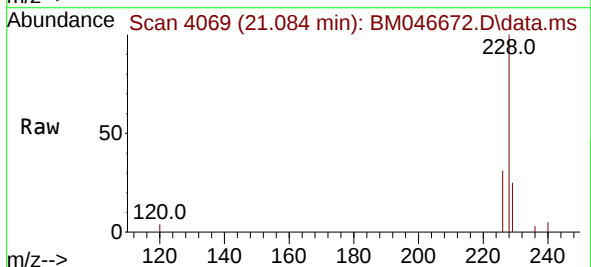
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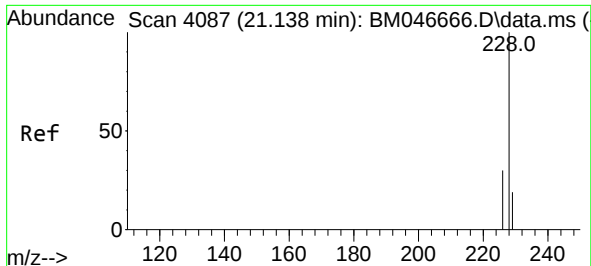
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#21
Benzo(a)anthracene
Concen: 0.509 ng/ul
RT: 21.084 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM046672.D
Acq: 17 Jul 2024 16:22

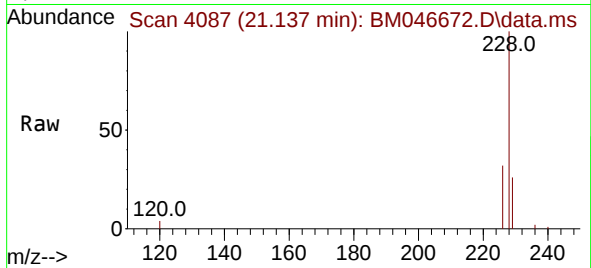
Tgt Ion:228 Resp: 25136
Ion Ratio Lower Upper
228 100
229 24.6 16.5 24.7
226 30.9 22.5 33.7





#22
Chrysene
Concen: 0.577 ng/ul m
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046672.D
Acq: 17 Jul 2024 16:22

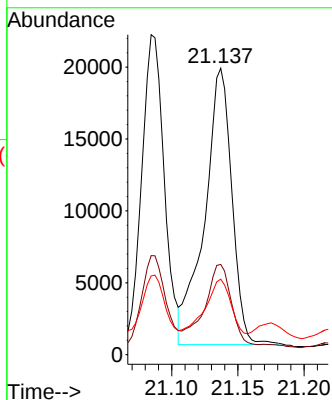
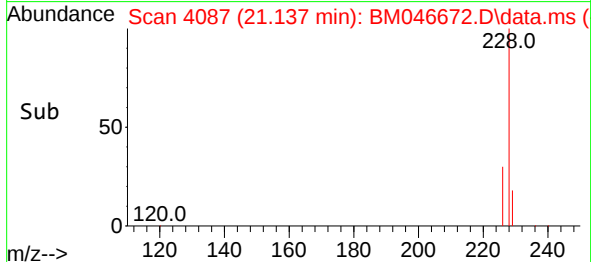
Instrument :
BNA_M
ClientSampleId :
A4BX6DL



Tgt Ion:228 Resp: 27594
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 26.4 16.4 24.6

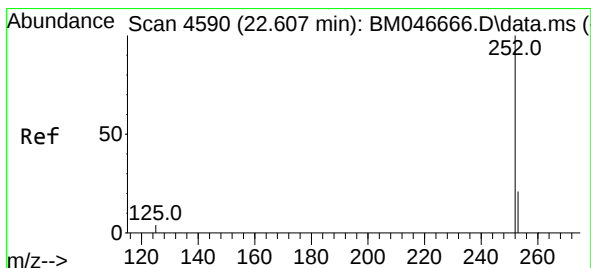
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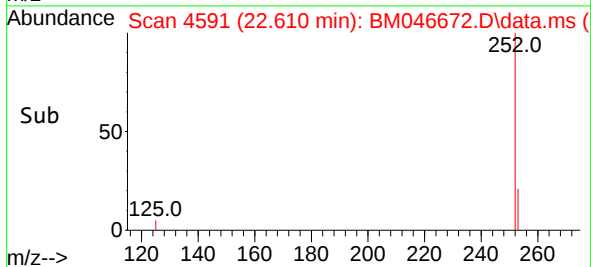
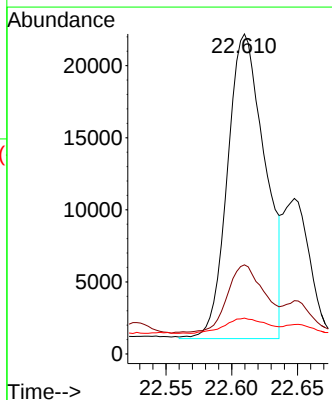
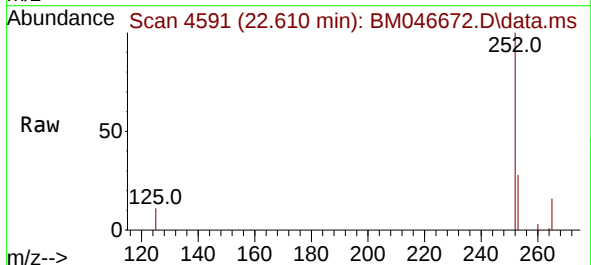
07/18/2024
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ahmed

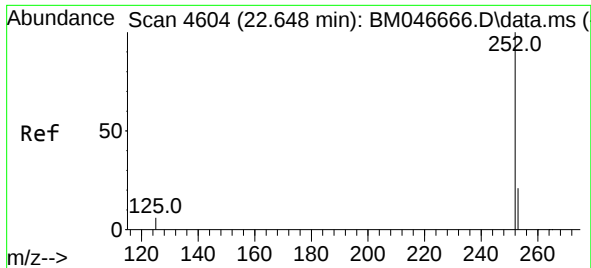
07/18/2024



#24
Benzo(b)fluoranthene
Concen: 0.839 ng/ul m
RT: 22.610 min Scan# 4591
Delta R.T. -0.000 min
Lab File: BM046672.D
Acq: 17 Jul 2024 16:22

Tgt Ion:252 Resp: 42061
Ion Ratio Lower Upper
252 100
253 27.8 0.0 56.2
125 11.2 0.0 17.8





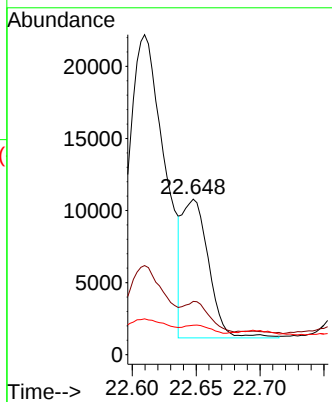
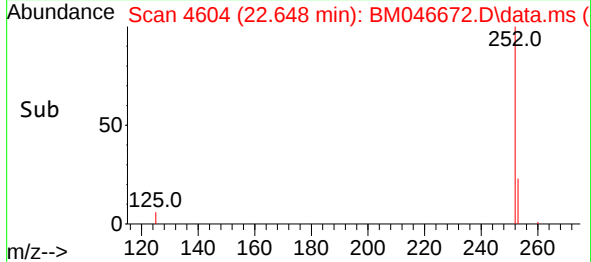
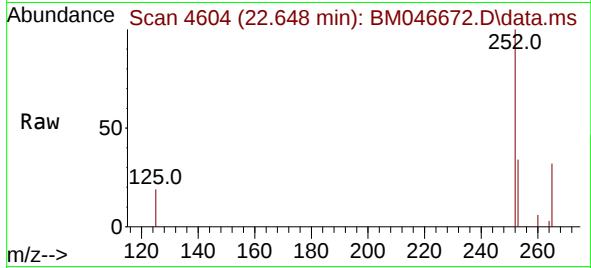
#25
Benzo(k)fluoranthene
Concen: 0.281 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. -0.003 min
Lab File: BM046672.D
Acq: 17 Jul 2024 16:22

Instrument :
BNA_M
ClientSampleId :
A4BX6DL

Tgt Ion:	252	Resp:	1382
Ion Ratio	Lower	Upper	
252	100		
253	34.3	22.4	33.6
125	18.9	7.0	10.4

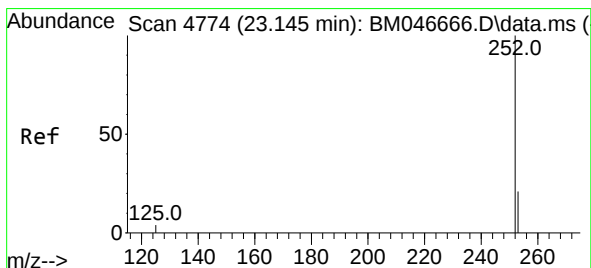
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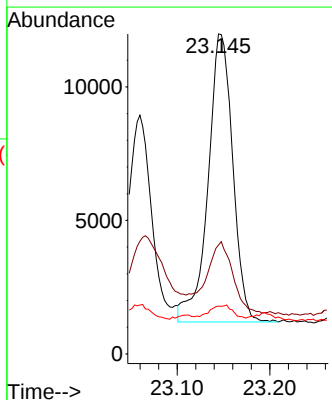
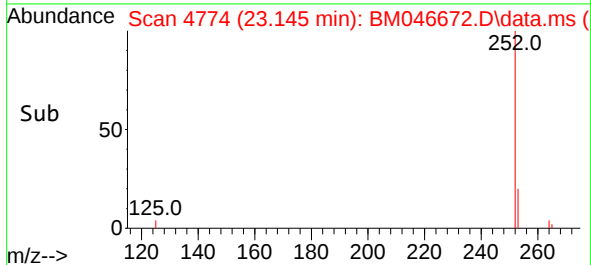
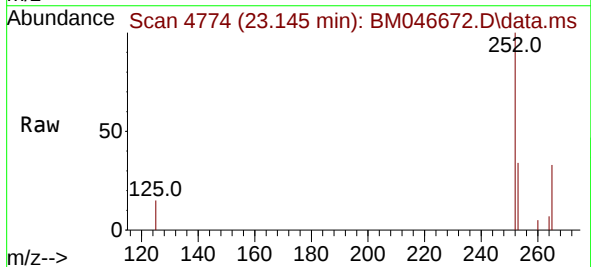
07/18/2024
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ahmed

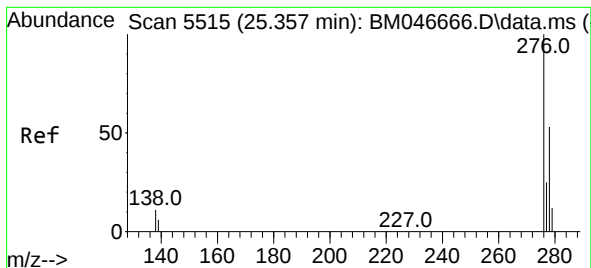
07/18/2024



#26
Benzo(a)pyrene
Concen: 0.484 ng/ul
RT: 23.145 min Scan# 4774
Delta R.T. -0.006 min
Lab File: BM046672.D
Acq: 17 Jul 2024 16:22

Tgt Ion:	252	Resp:	19986
Ion Ratio	Lower	Upper	
252	100		
253	34.1	24.0	36.0
125	15.0	8.2	12.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.309 ng/ul

RT: 25.360 min Scan# 5515

Delta R.T. -0.000 min

Lab File: BM046672.D

Acq: 17 Jul 2024 16:22

Instrument :

BNA_M

ClientSampleId :

A4BX6DL

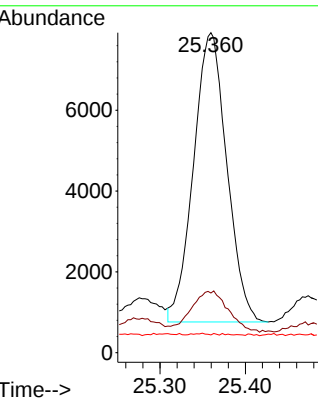
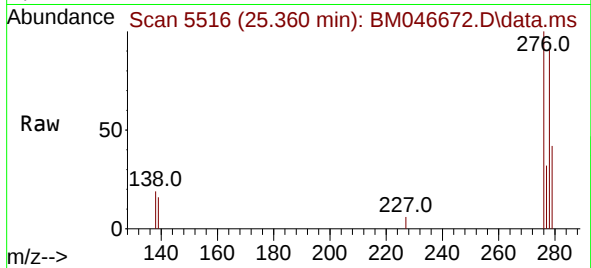
Tgt Ion:	276	Resp:	19410
Ion Ratio	Lower	Upper	
276	100		
138	15.8	0.0	0.0#
227	0.1	0.2	0.2#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

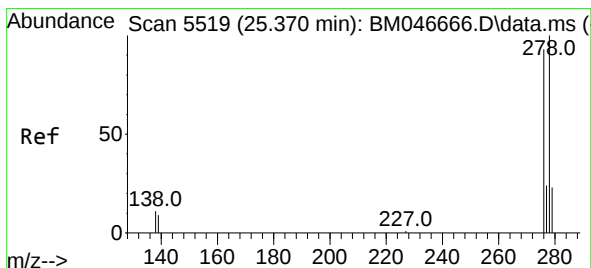
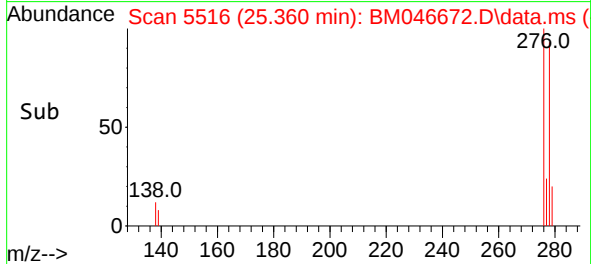
Supervised By :mohammad ahmed 07/18/2024



07/18/2024

Supervised By :mohammad ahmed

07/18/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.427 ng/ul

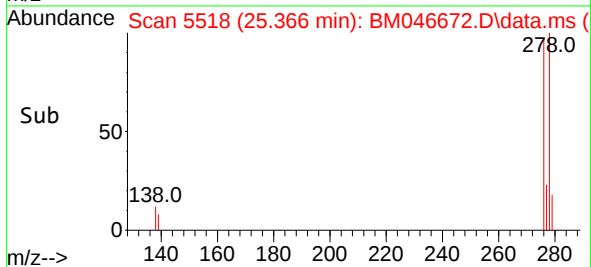
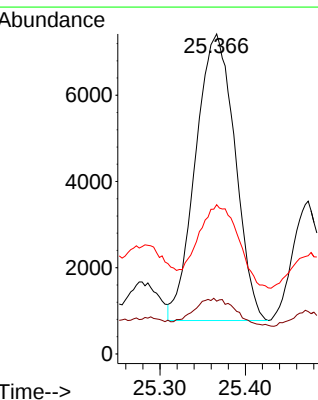
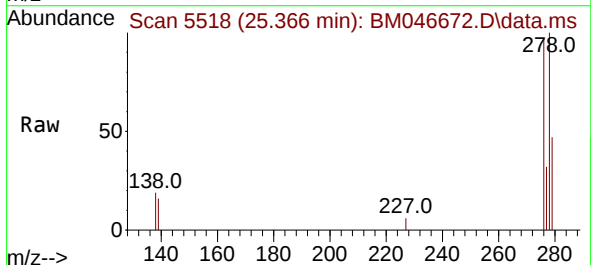
RT: 25.366 min Scan# 5518

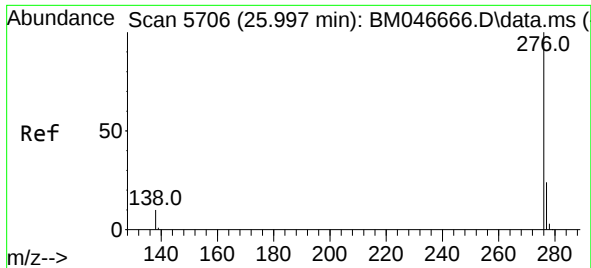
Delta R.T. -0.017 min

Lab File: BM046672.D

Acq: 17 Jul 2024 16:22

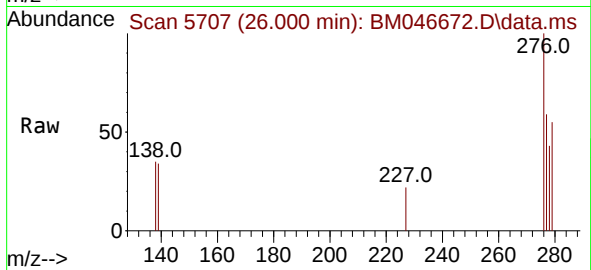
Tgt Ion:	278	Resp:	21240
Ion Ratio	Lower	Upper	
278	100		
139	16.5	9.1	13.7#
279	46.7	23.2	34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 26.000 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM046672.D
Acq: 17 Jul 2024 16:22

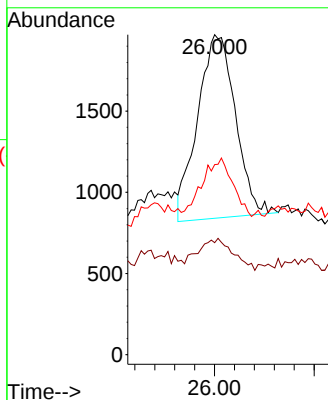
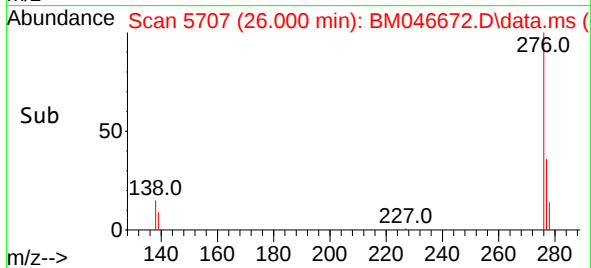
Instrument :
BNA_M
ClientSampleId :
A4BX6DL



Tgt Ion: 276 Resp: 2979
Ion Ratio Lower Upper
276 100
138 35.0 10.2 15.4
277 59.4 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



07/18/2024
Supervised By :mohammad
ahmed

07/18/2024