

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046628.D
 Acq On : 16 Jul 2024 11:23
 Operator : MA/JU
 Sample : P3101-04MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CD6MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 12:05:09 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	7.501	152	3430	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	9209	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.146	164	6390	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.900	188	13748	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	7901	0.400	ng/ul	# 0.00
23) Perylene-d12	23.250	264	11103	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	931	0.330	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	4594	0.309	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	10482	0.436	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.147	88	2608	0.867	ng/ul#	78
5) Naphthalene	10.309	128	18275	0.780	ng/ul	96
7) 2-Methylnaphthalene	11.937	142	10476	0.636	ng/ul	100
8) 1-Methylnaphthalene	12.157	142	9202	0.548	ng/ul	99
10) Acenaphthylene	13.859	152	50655	1.741	ng/ul	97
11) Acenaphthene	14.206	153	27118	1.391	ng/ul	97
12) Fluorene	15.201	166	37513	1.556	ng/ul	96
14) Pentachlorophenol	16.559	266	4047	0.581	ng/ul	99
15) Phenanthrene	16.938	178	651988	16.619	ng/ul	98
16) Anthracene	17.031	178	176143	4.601	ng/ul	97
19) Fluoranthene	18.969	202	1320037	40.675	ng/ul	99
20) Pyrene	19.332	202	881083	25.076	ng/ul	99
21) Benzo(a)anthracene	21.093	228	533287	15.257	ng/ul	98
22) Chrysene	21.143	228	535669	15.839	ng/ul	99
24) Benzo(b)fluoranthene	22.618	252	740663m	16.701	ng/ul	
25) Benzo(k)fluoranthene	22.656	252	291144m	6.687	ng/ul	
26) Benzo(a)pyrene	23.159	252	281995m	7.726	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.373	276	279222	5.027	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.383	278	99672	2.267	ng/ul	98
29) Benzo(g,h,i)perylene	26.020	276	41575	0.938	ng/ul#	94

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

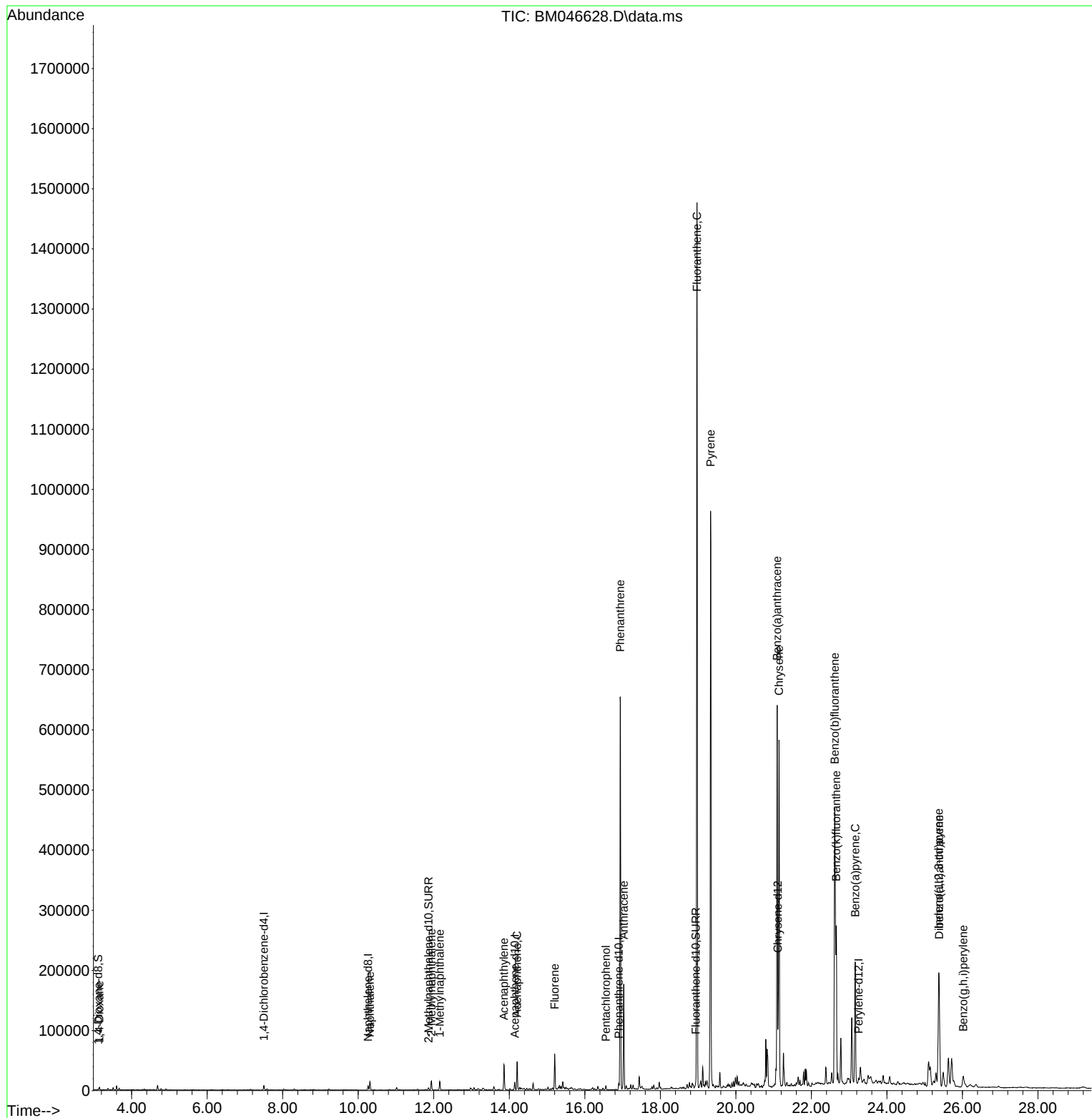
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046628.D
Acq On : 16 Jul 2024 11:23
Operator : MA/JU
Sample : P3101-04MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

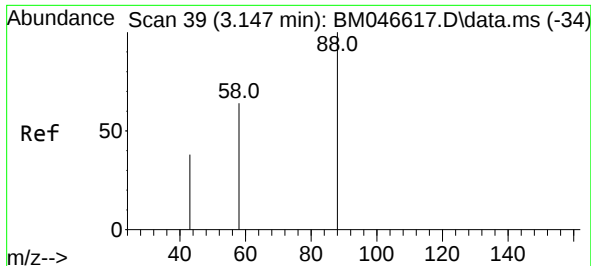
Instrument :
BNA_M
ClientSampleId :
A4CD6MSD

Manual Integrations
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Supervised By :mohammad ahmed 07/18/2024

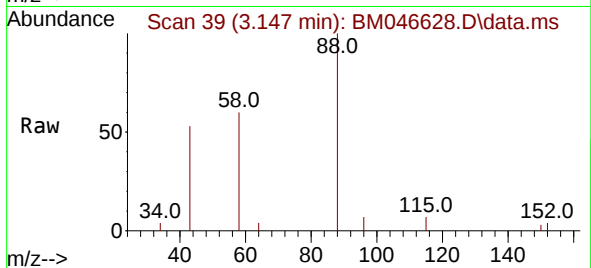
Quant Time: Jul 16 12:05:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.867 ng/ul
RT: 3.147 min Scan# 39
Delta R.T. -0.005 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23

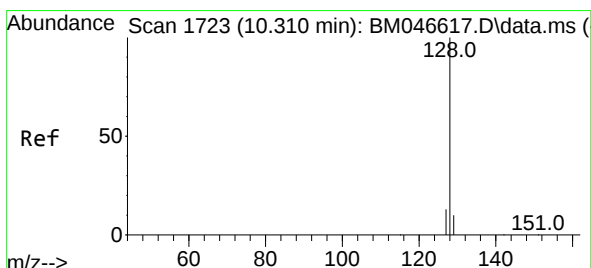
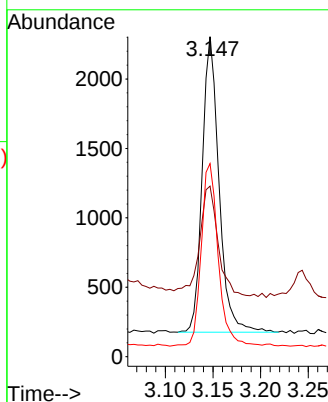
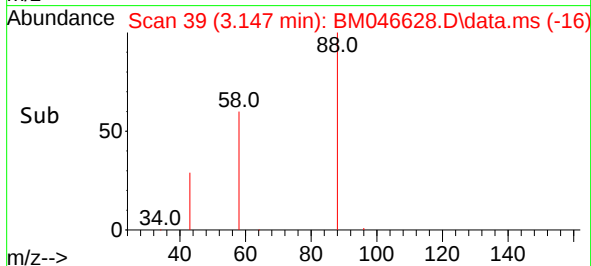
Instrument :
BNA_M
ClientSampleId :
A4CD6MSD



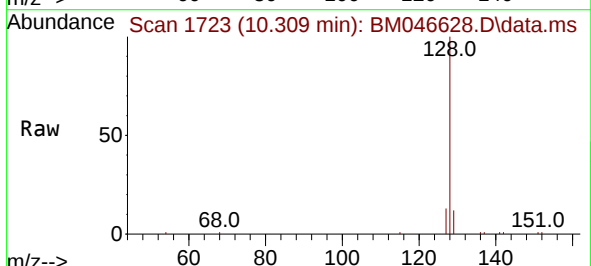
Tgt Ion: 88 Resp: 2608
Ion Ratio Lower Upper
88 100
43 53.3 70.2 105.4
58 60.3 48.2 72.4

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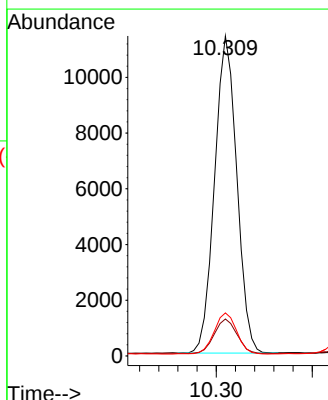
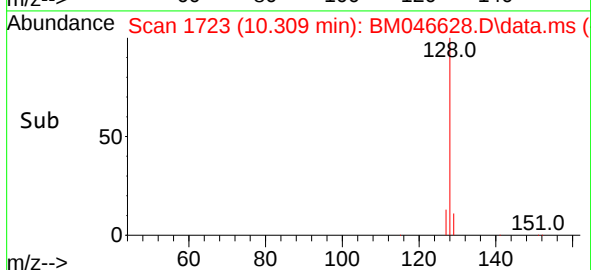
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

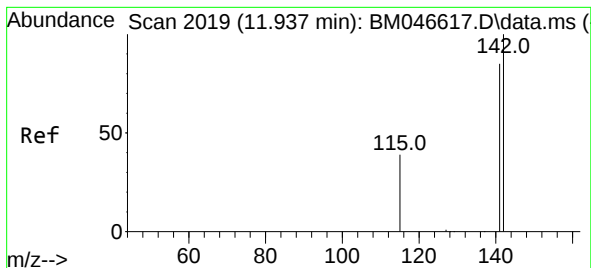


#5
Naphthalene
Concen: 0.780 ng/ul
RT: 10.309 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23



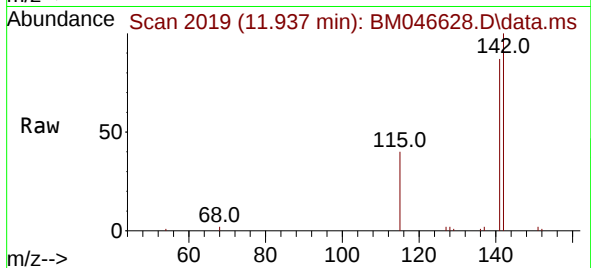
Tgt Ion:128 Resp: 18275
Ion Ratio Lower Upper
128 100
129 11.5 10.3 15.5
127 13.4 12.2 18.4





#7
2-Methylnaphthalene
Concen: 0.636 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23

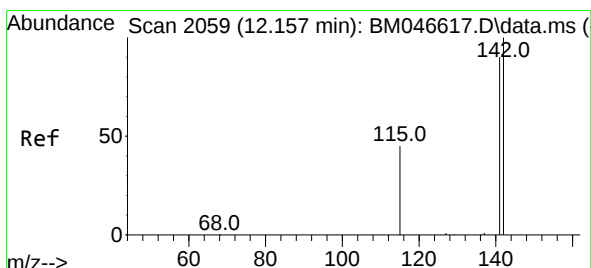
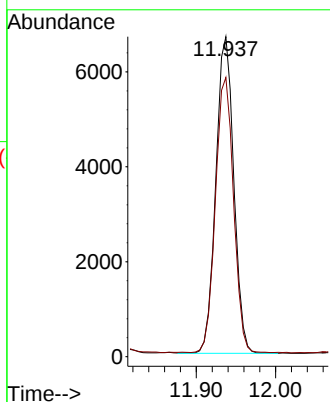
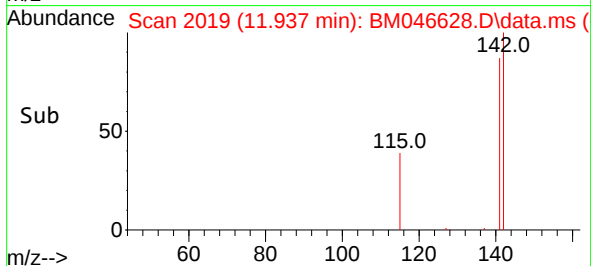
Instrument :
BNA_M
ClientSampleId :
A4CD6MSD



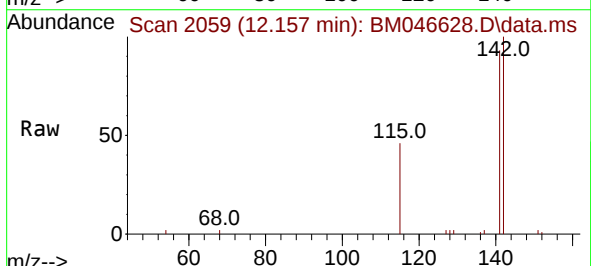
Tgt Ion:142 Resp: 10470
Ion Ratio Lower Upper
142 100
141 87.7 70.3 105.5

Manual Integrations
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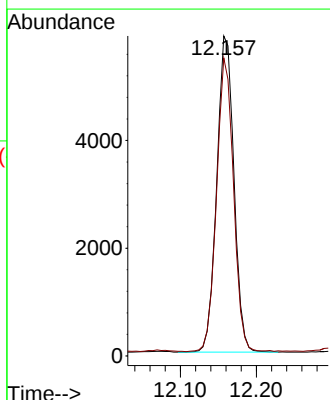
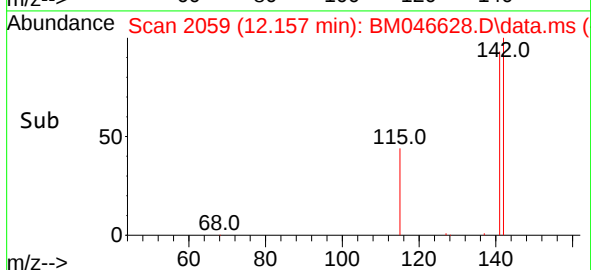
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

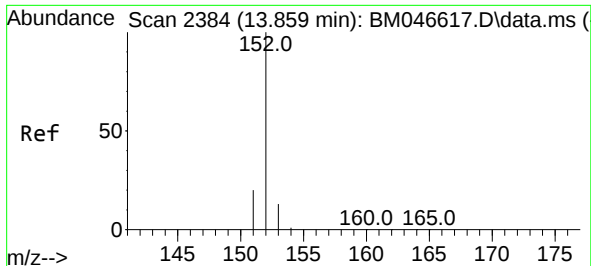


#8
1-Methylnaphthalene
Concen: 0.548 ng/ul
RT: 12.157 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23



Tgt Ion:142 Resp: 9202
Ion Ratio Lower Upper
142 100
141 91.8 73.9 110.9





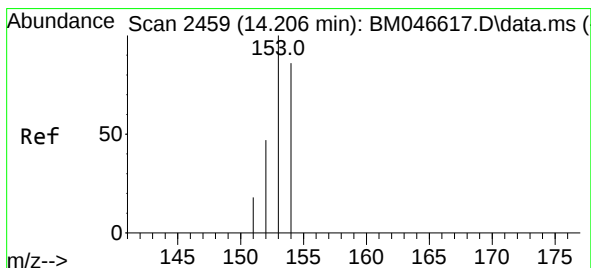
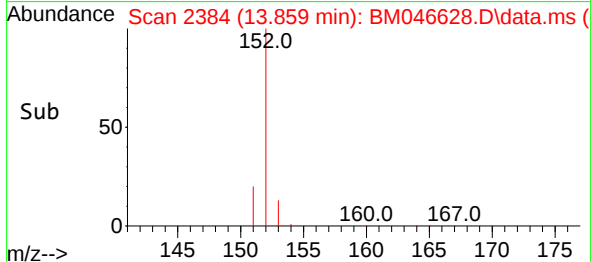
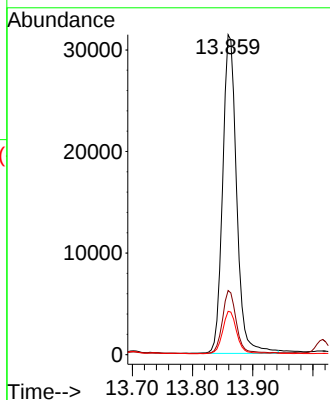
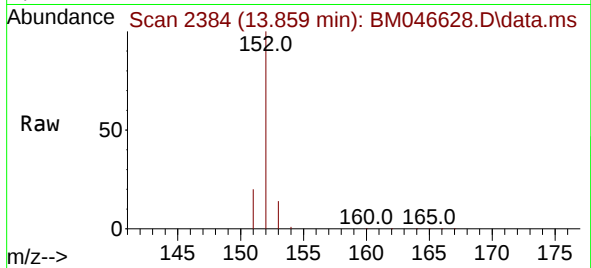
#10
Acenaphthylene
Concen: 1.741 ng/ul
RT: 13.859 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23

Instrument :
BNA_M
ClientSampleId :
A4CD6MSD

Tgt Ion:152 Resp: 5065
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.6 12.4 18.6

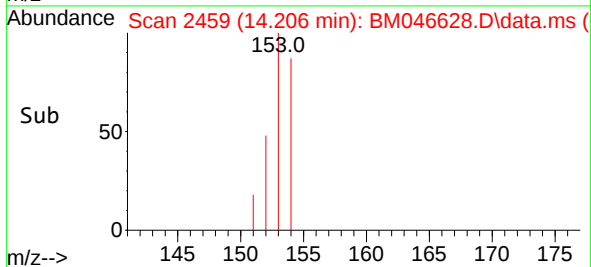
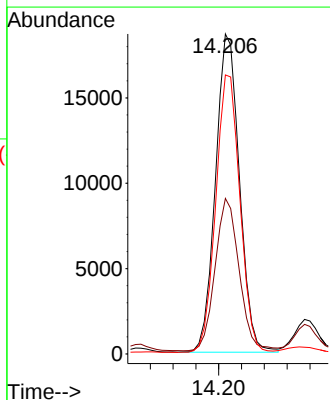
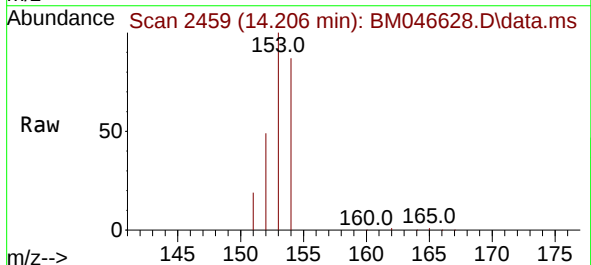
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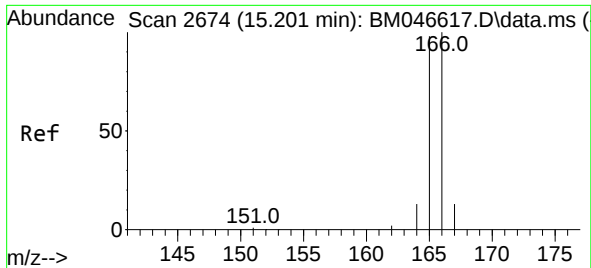
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#11
Acenaphthene
Concen: 1.391 ng/ul
RT: 14.206 min Scan# 2459
Delta R.T. -0.005 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23

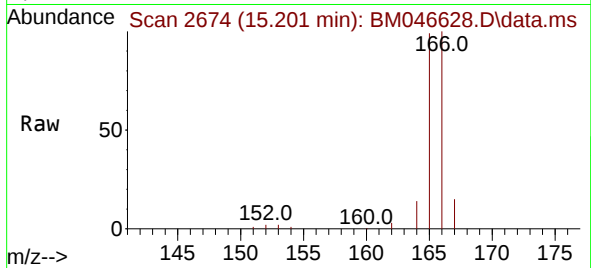
Tgt Ion:153 Resp: 27118
Ion Ratio Lower Upper
153 100
152 48.6 43.0 64.6
154 87.2 69.9 104.9





#12
Fluorene
Concen: 1.556 ng/ul
RT: 15.201 min Scan# 201
Delta R.T. -0.005 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23

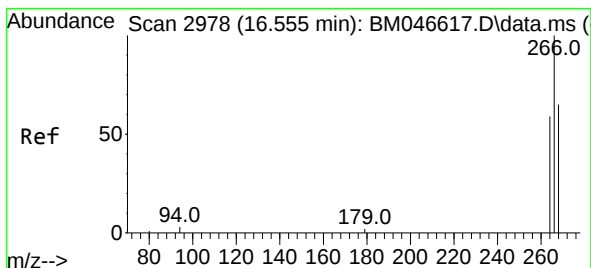
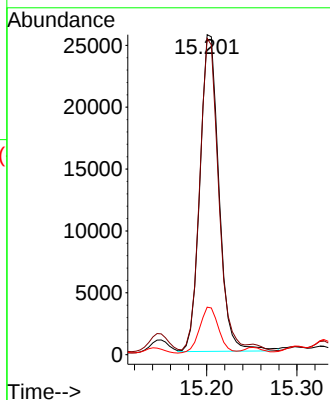
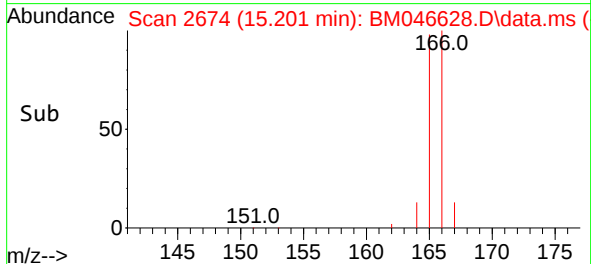
Instrument :
BNA_M
ClientSampleId :
A4CD6MSD



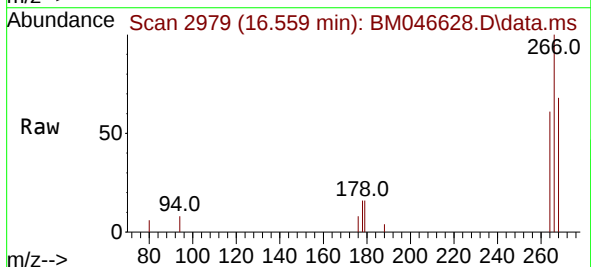
Tgt Ion:166 Resp: 3751
Ion Ratio Lower Upper
166 100
165 98.8 76.1 114.1
167 14.9 12.5 18.7

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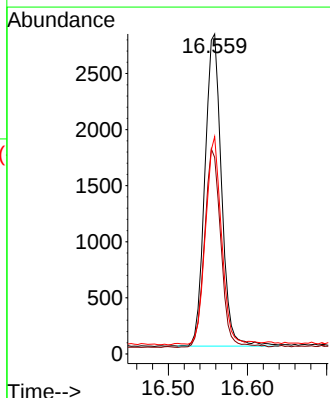
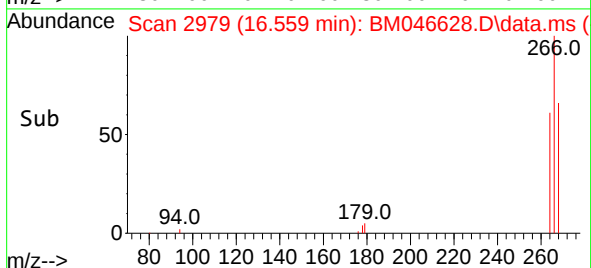
Reviewed By :Jagrut Upadhyay 07/16/2024
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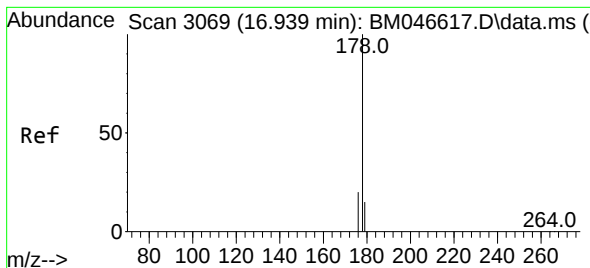


#14
Pentachlorophenol
Concen: 0.581 ng/ul
RT: 16.559 min Scan# 2979
Delta R.T. 0.004 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23



Tgt Ion:266 Resp: 4047
Ion Ratio Lower Upper
266 100
264 62.9 50.1 75.1
268 64.0 52.5 78.7





#15

Phenanthrene

Concen: 16.619 ng/ul

RT: 16.938 min Scan# 3069

Delta R.T. -0.005 min

Lab File: BM046628.D

Acq: 16 Jul 2024 11:23

Instrument :

BNA_M

ClientSampleId :

A4CD6MSD

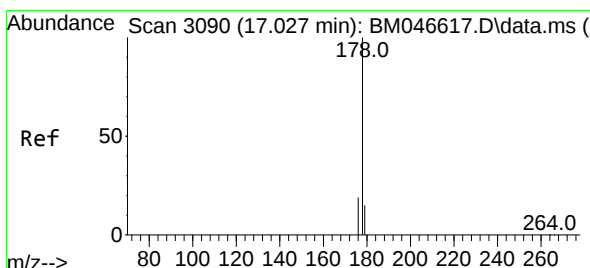
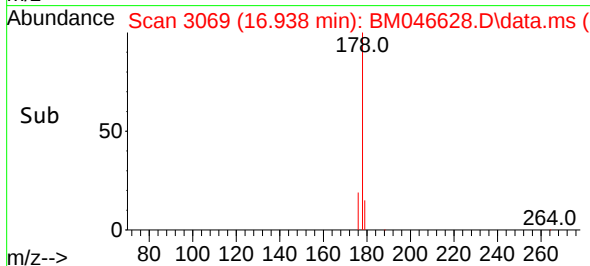
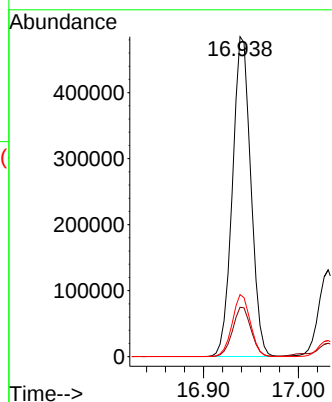
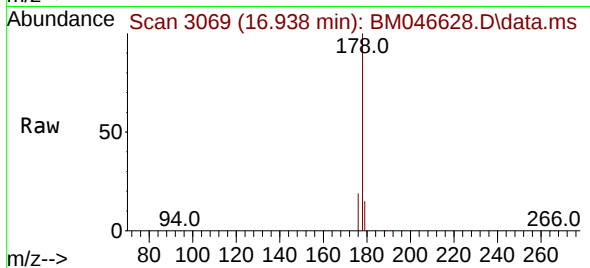
Tgt Ion:178 Resp: 65198

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.1	19.7
176	19.4	16.0	24.0

Manual Integrations

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#16

Anthracene

Concen: 4.601 ng/ul

RT: 17.031 min Scan# 3091

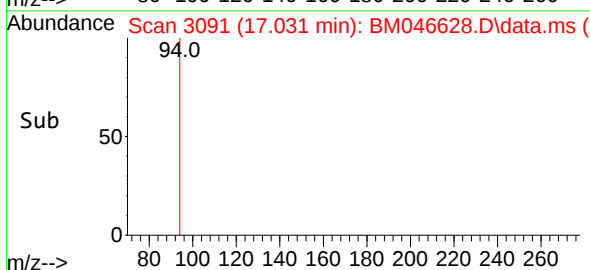
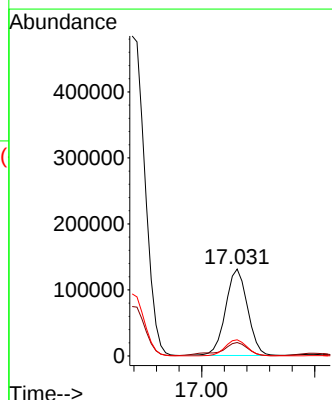
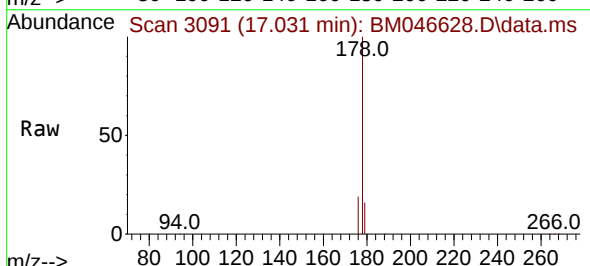
Delta R.T. -0.001 min

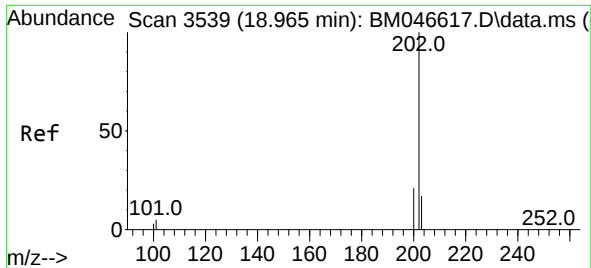
Lab File: BM046628.D

Acq: 16 Jul 2024 11:23

Tgt Ion:178 Resp: 176143

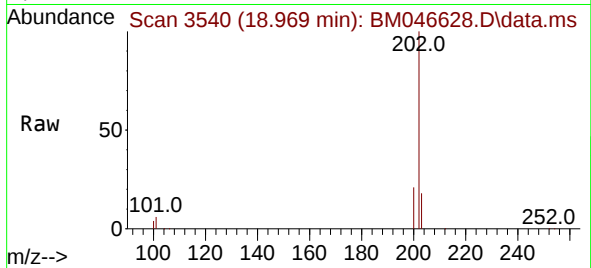
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.5	20.3
176	18.5	15.7	23.5





#19
Fluoranthene
Concen: 40.675 ng/u1
RT: 18.969 min Scan# 3540
Delta R.T. -0.001 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23

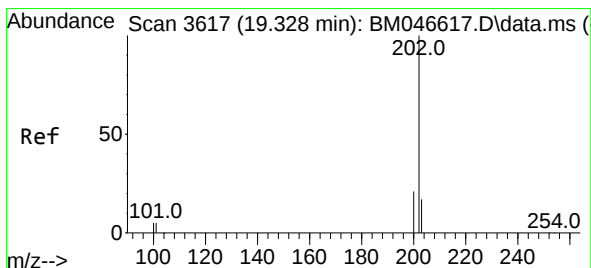
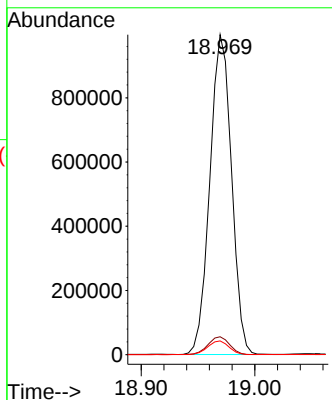
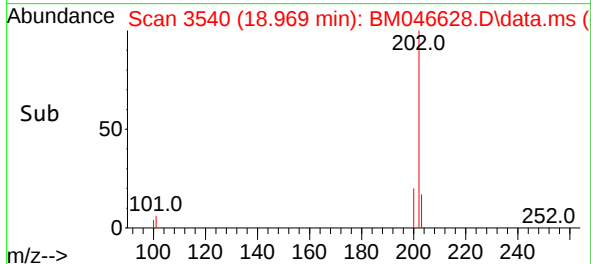
Instrument :
BNA_M
ClientSampleId :
A4CD6MSD



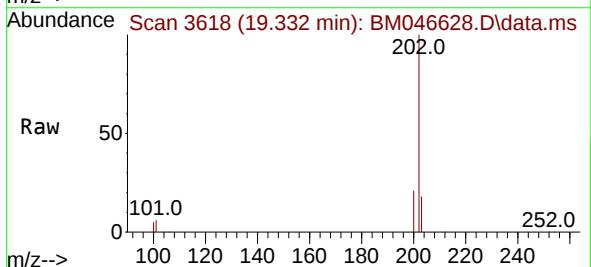
Tgt Ion:202 Resp: 132003
Ion Ratio Lower Upper
202 100
101 5.6 4.6 6.8
100 4.3 3.0 4.6

Manual Integrations
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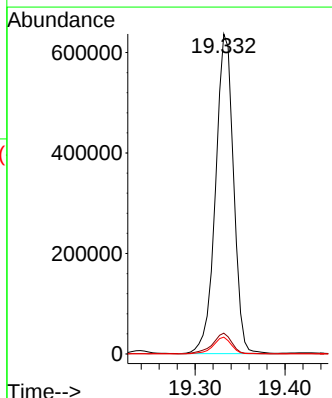
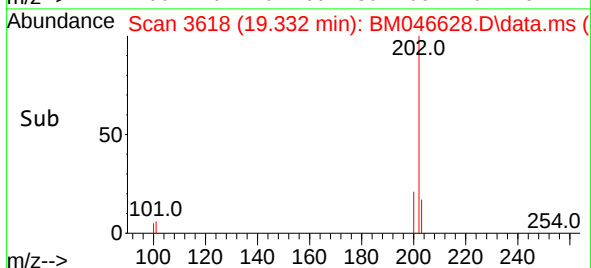
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

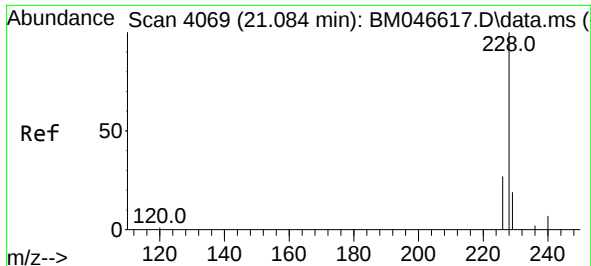


#20
Pyrene
Concen: 25.076 ng/u1
RT: 19.332 min Scan# 3618
Delta R.T. -0.001 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23



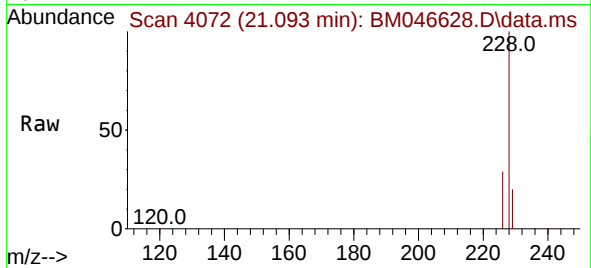
Tgt Ion:202 Resp: 881083
Ion Ratio Lower Upper
202 100
101 6.5 5.1 7.7
100 5.3 3.8 5.6





#21
Benzo(a)anthracene
Concen: 15.257 ng/ul
RT: 21.093 min Scan# 4069
Delta R.T. 0.005 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23

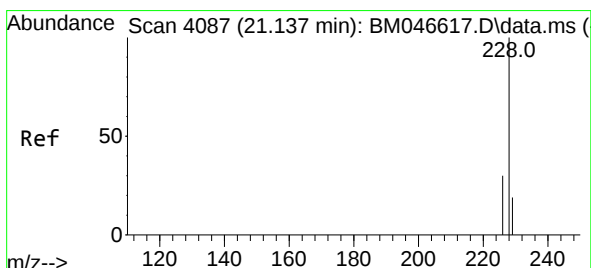
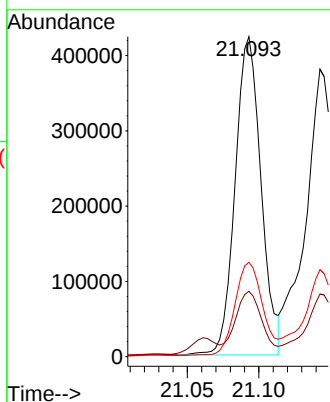
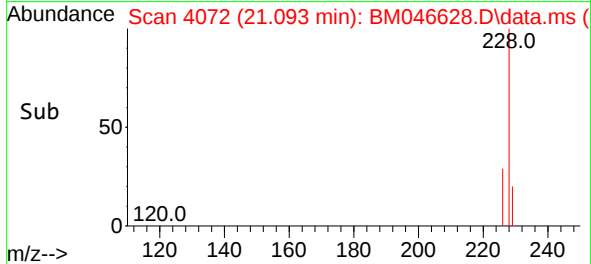
Instrument :
BNA_M
ClientSampleId :
A4CD6MSD



Tgt Ion:228 Resp: 53328
Ion Ratio Lower Upper
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229 20.4 16.5 24.7
226 29.5 22.5 33.7

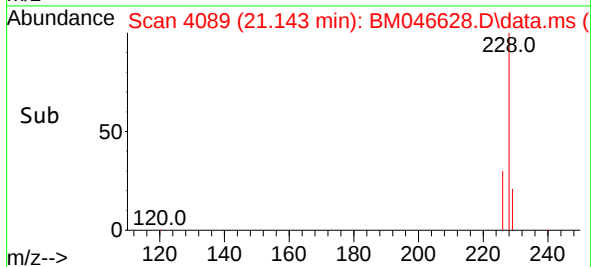
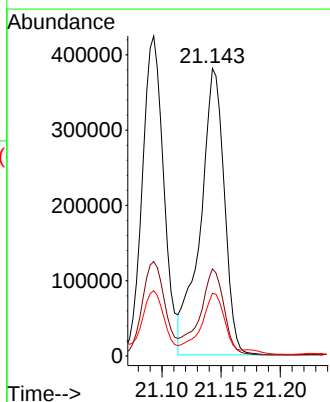
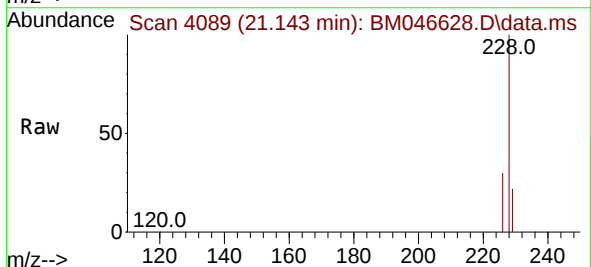
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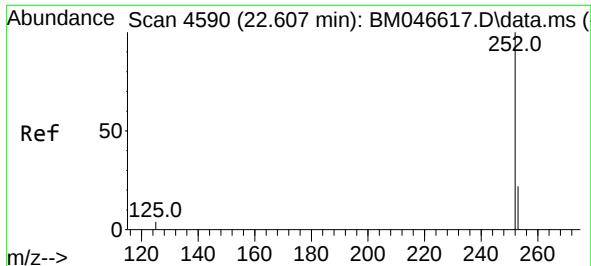
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 15.839 ng/ul
RT: 21.143 min Scan# 4089
Delta R.T. 0.002 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23

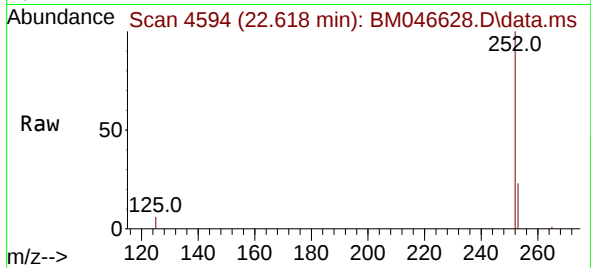
Tgt Ion:228 Resp: 535669
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 16.701 ng/ul m
RT: 22.618 min Scan# 4594
Delta R.T. 0.008 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23

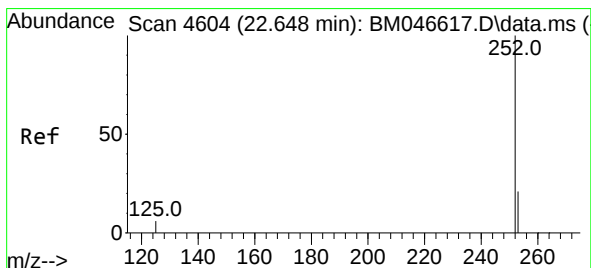
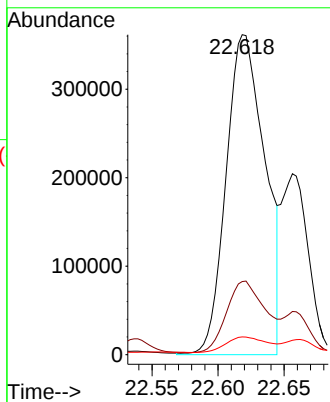
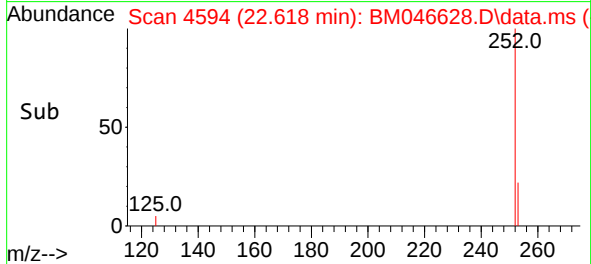
Instrument :
BNA_M
ClientSampleId :
A4CD6MSD



Tgt Ion:252 Resp: 74066
Ion Ratio Lower Upper
252 100
253 22.9 0.0 56.2
125 5.6 0.0 17.8

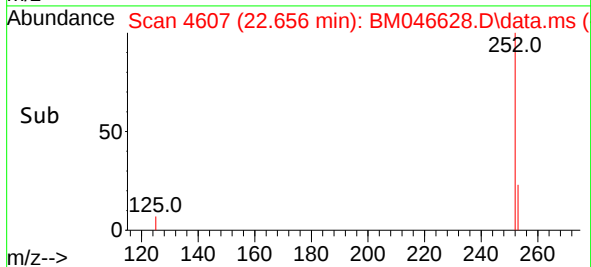
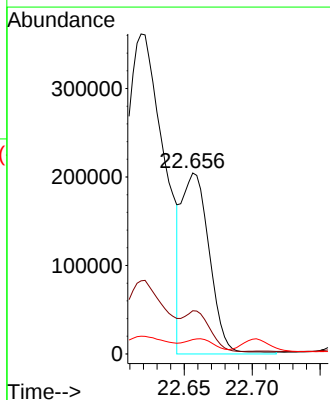
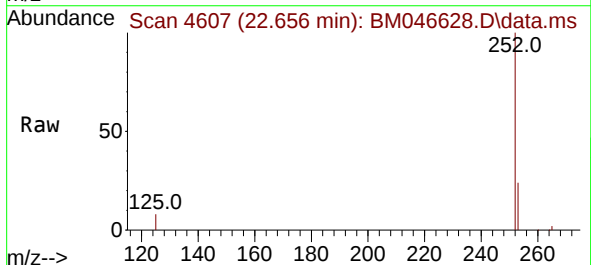
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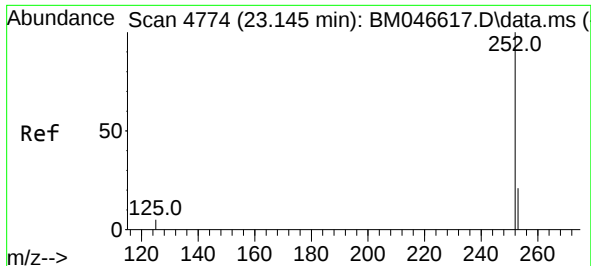
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 6.687 ng/ul m
RT: 22.656 min Scan# 4607
Delta R.T. 0.005 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23

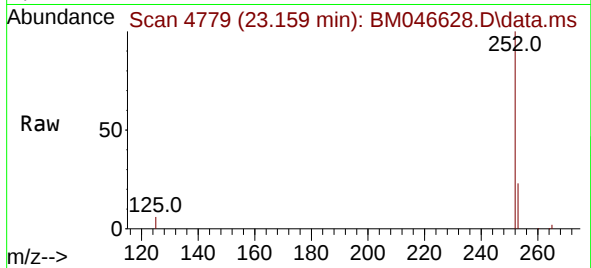
Tgt Ion:252 Resp: 291144
Ion Ratio Lower Upper
252 100
253 23.9 22.4 33.6
125 8.0 7.0 10.4





#26
Benzo(a)pyrene
Concen: 7.726 ng/ul m
RT: 23.159 min Scan# 4779
Delta R.T. 0.008 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23

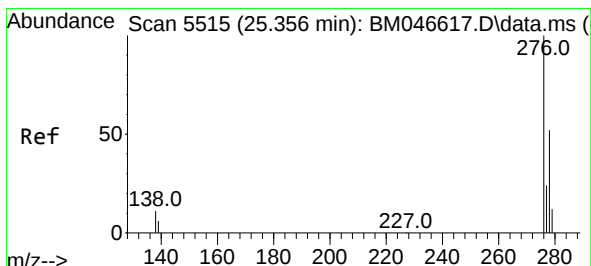
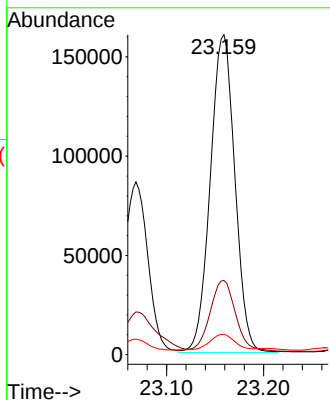
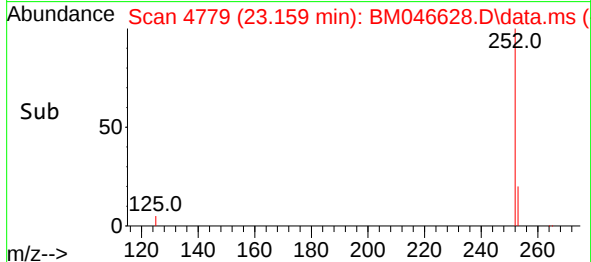
Instrument :
BNA_M
ClientSampleId :
A4CD6MSD



Tgt Ion:252 Resp: 28199
Ion Ratio Lower Upper
252 100
253 23.2 24.0 36.0
125 6.3 8.2 12.2

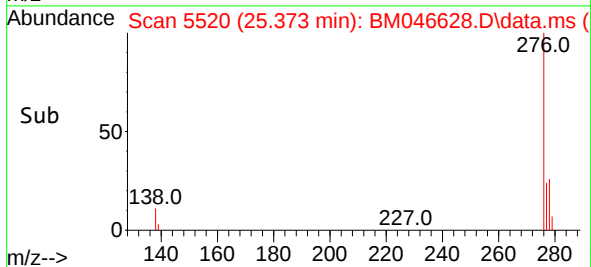
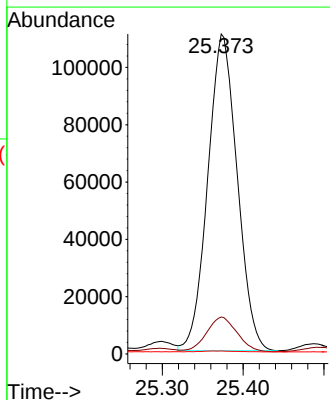
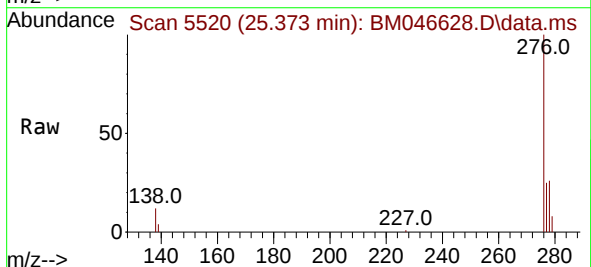
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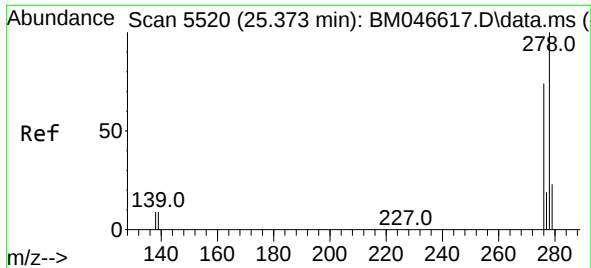
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.027 ng/ul
RT: 25.373 min Scan# 5520
Delta R.T. 0.013 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23

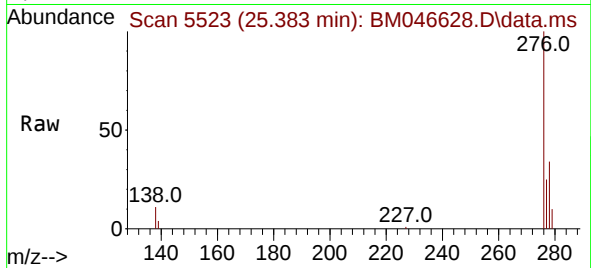
Tgt Ion:276 Resp: 279222
Ion Ratio Lower Upper
276 100
138 11.3 0.0 0.0#
227 0.4 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 2.267 ng/ul
RT: 25.383 min Scan# 51
Delta R.T. -0.001 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23

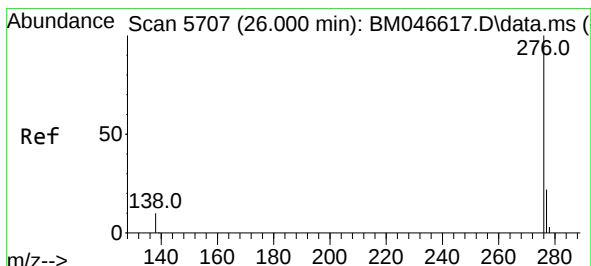
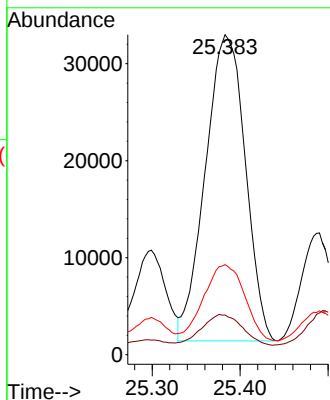
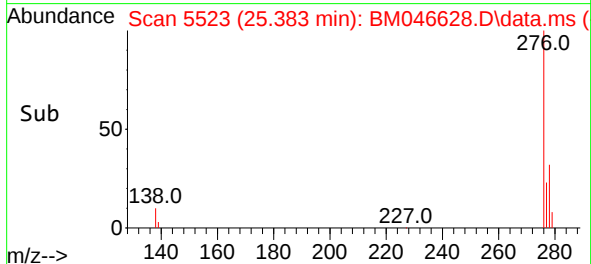
Instrument :
BNA_M
ClientSampleId :
A4CD6MSD



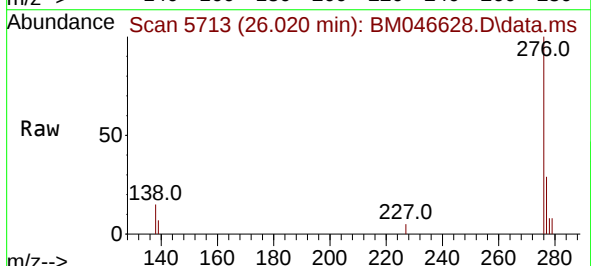
Tgt Ion:278 Resp: 99672
Ion Ratio Lower Upper
278 100
139 12.4 9.1 13.7
279 28.1 23.2 34.8

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Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#29
Benzo(g,h,i)perylene
Concen: 0.938 ng/ul
RT: 26.020 min Scan# 5713
Delta R.T. 0.016 min
Lab File: BM046628.D
Acq: 16 Jul 2024 11:23



Tgt Ion:276 Resp: 41575
Ion Ratio Lower Upper
276 100
138 15.5 10.2 15.4#
277 29.0 20.9 31.3

