

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046799.D
 Acq On : 25 Jul 2024 14:43
 Operator : MA/JU
 Sample : P3263-22MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CLOMSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 25 15:12:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	3383	0.400	ng/ul	0.00
4) Naphthalene-d8	10.231	136	9106	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	5404	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.874	188	11183	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.082	240	7573	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	9324	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	929	0.392	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	3682	0.254	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	7285	0.295	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.134	88	2398	0.885	ng/ul	95
5) Naphthalene	10.275	128	33929	1.473	ng/ul	98
7) 2-Methylnaphthalene	11.903	142	14840	0.936	ng/ul	100
8) 1-Methylnaphthalene	12.129	142	12245	0.748	ng/ul	99
10) Acenaphthylene	13.835	152	38191	1.543	ng/ul	99
11) Acenaphthene	14.182	153	28673	1.707	ng/ul	100
12) Fluorene	15.176	166	34793	1.657	ng/ul	98
14) Pentachlorophenol	16.532	266	2878	0.569	ng/ul	100
15) Phenanthrene	16.912	178	534537	16.630	ng/ul	98
16) Anthracene	17.005	178	108518	3.627	ng/ul	99
19) Fluoranthene	18.940	202	784494	23.587	ng/ul	100
20) Pyrene	19.308	202	578008	16.800	ng/ul	99
21) Benzo(a)anthracene	21.064	228	332125	10.524	ng/ul	99
22) Chrysene	21.117	228	336051	10.483	ng/ul	98
24) Benzo(b)fluoranthene	22.584	252	432360m	10.562	ng/ul	
25) Benzo(k)fluoranthene	22.622	252	152655m	3.701	ng/ul	
26) Benzo(a)pyrene	23.119	252	165618	5.636	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.316	276	157303	3.478	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.326	278	56394	1.703	ng/ul	96
29) Benzo(g,h,i)perylene	25.957	276	25779	0.647	ng/ul#	91

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

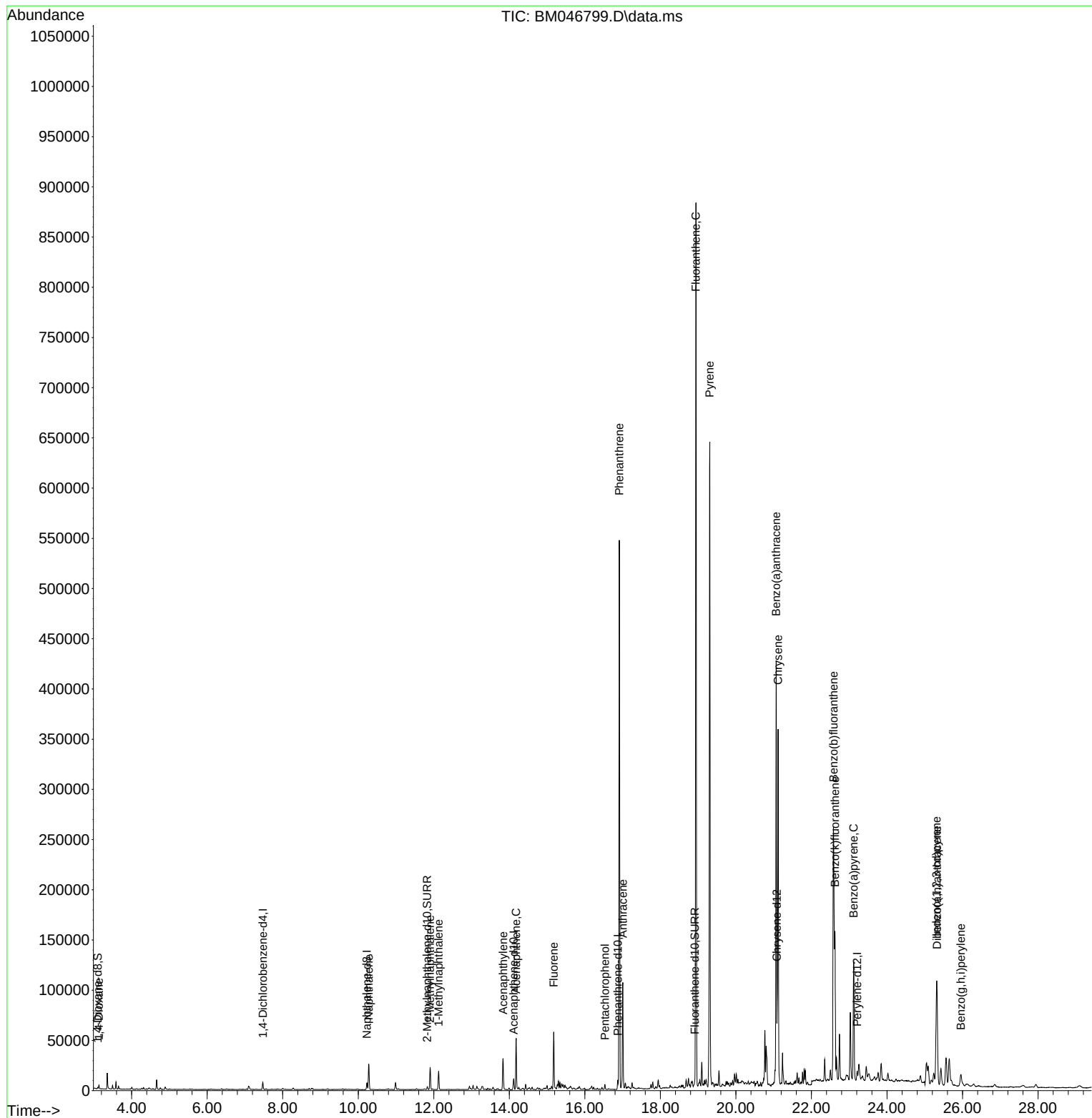
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046799.D
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ALS Vial : 10 Sample Multiplier: 1

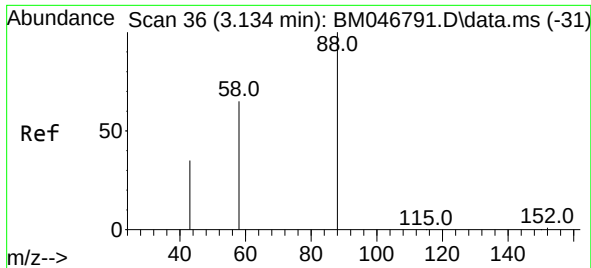
Instrument :
BNA_M
ClientSampleId :
A4CL0MSD

Quant Time: Jul 25 15:12:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

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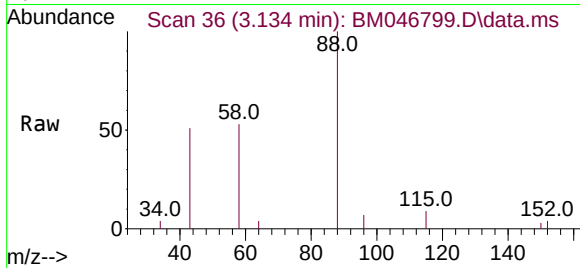
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024





#2
1,4-Dioxane
Concen: 0.885 ng/ul
RT: 3.134 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43

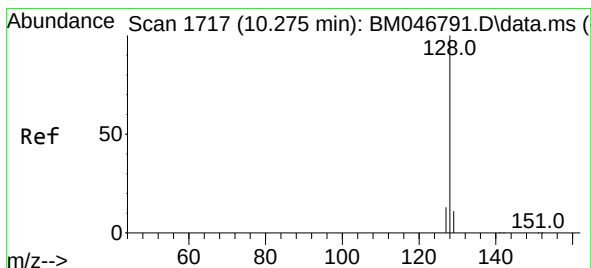
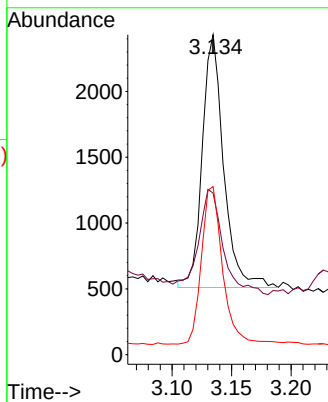
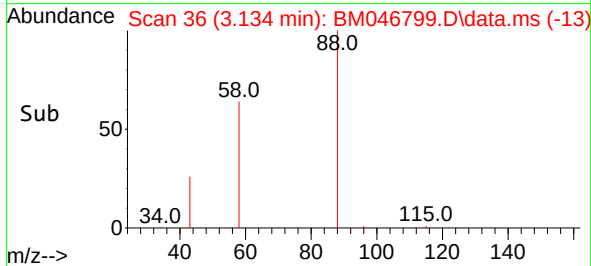
Instrument :
BNA_M
ClientSampleId :
A4CL0MSD



Tgt Ion: 88 Resp: 2398
Ion Ratio Lower Upper
88 100
43 50.5 42.1 63.1
58 52.6 38.3 57.5

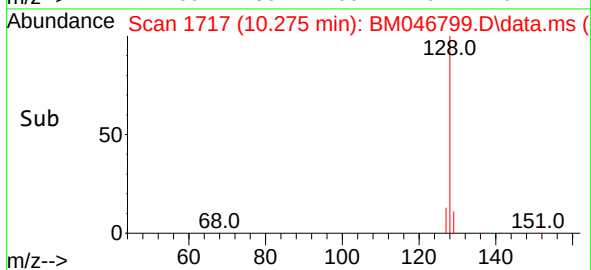
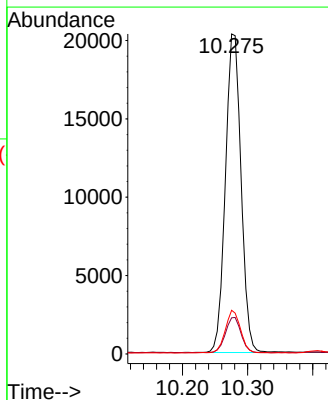
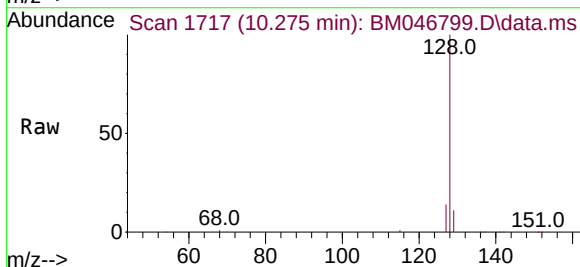
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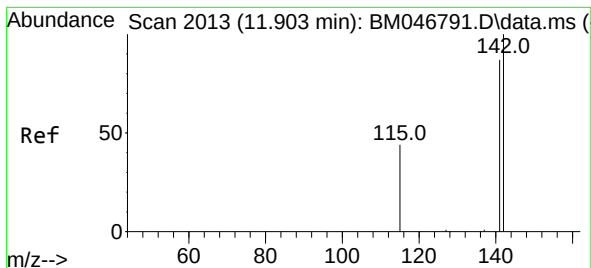
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#5
Naphthalene
Concen: 1.473 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43

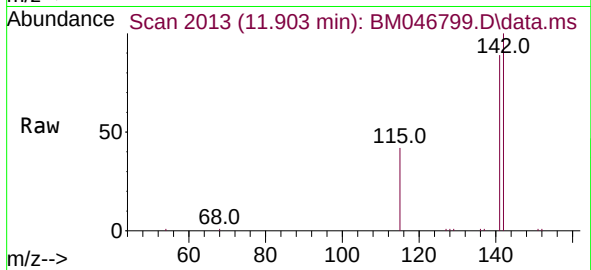
Tgt Ion:128 Resp: 33929
Ion Ratio Lower Upper
128 100
129 11.3 10.1 15.1
127 13.7 11.5 17.3





#7
2-Methylnaphthalene
Concen: 0.936 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43

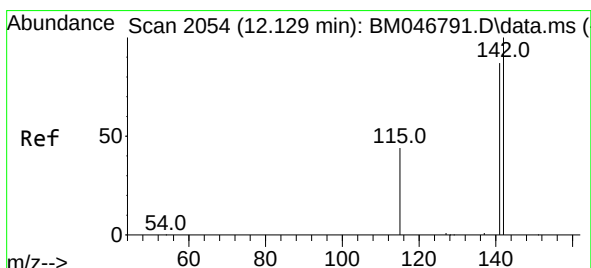
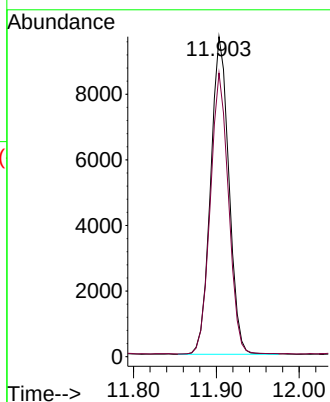
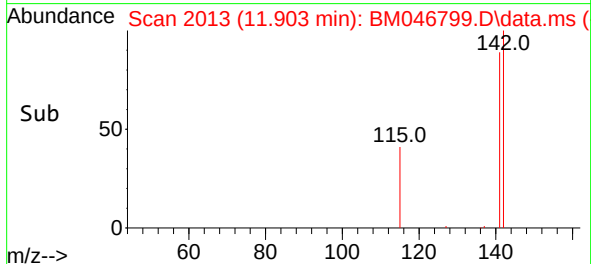
Instrument :
BNA_M
ClientSampleId :
A4CL0MSD



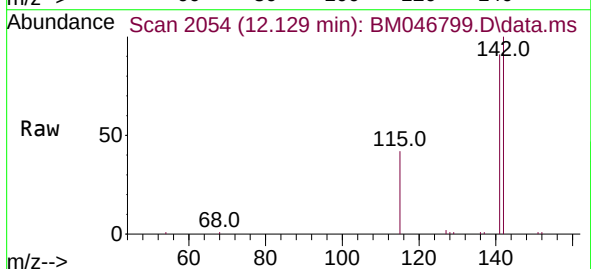
Tgt Ion:142 Resp: 14840
Ion Ratio Lower Upper
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141 87.7 70.5 105.7

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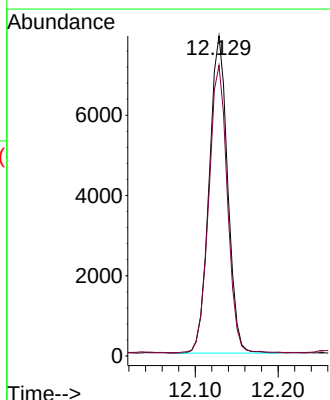
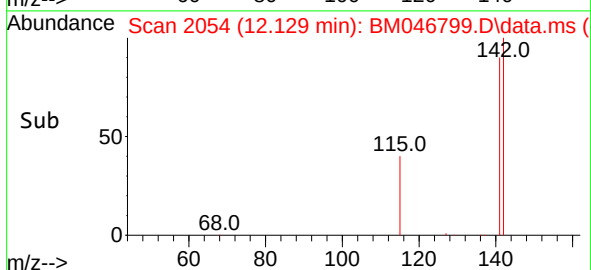
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

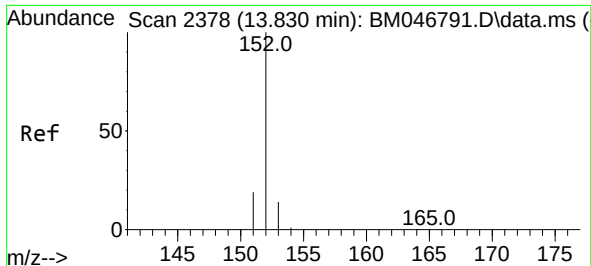


#8
1-Methylnaphthalene
Concen: 0.748 ng/ul
RT: 12.129 min Scan# 2054
Delta R.T. -0.001 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43



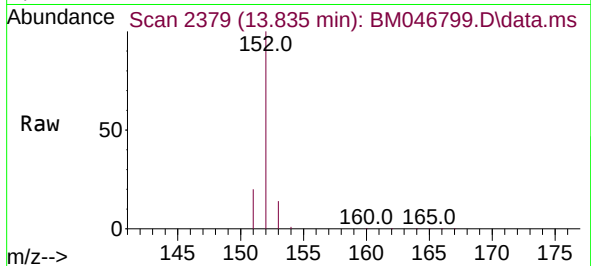
Tgt Ion:142 Resp: 12245
Ion Ratio Lower Upper
142 100
141 90.8 73.1 109.7





#10
Acenaphthylene
Concen: 1.543 ng/ul
RT: 13.835 min Scan# 21
Delta R.T. 0.003 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43

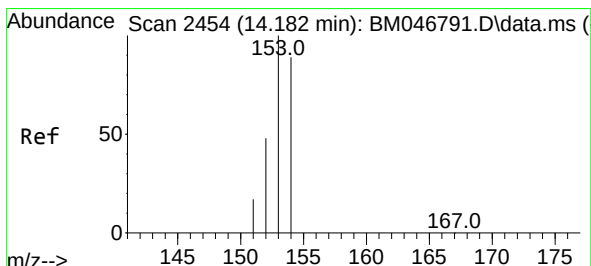
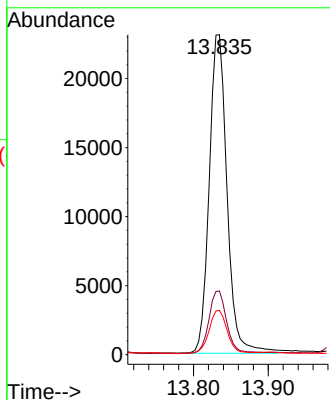
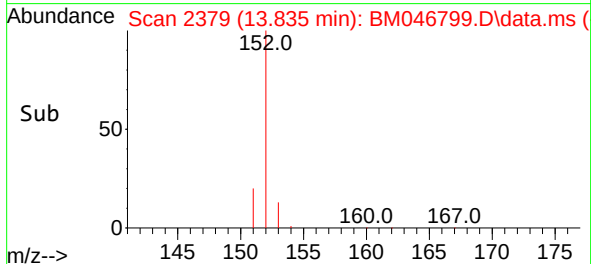
Instrument :
BNA_M
ClientSampleId :
A4CL0MSD



Tgt Ion:152 Resp: 3819
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 13.9 11.0 16.6

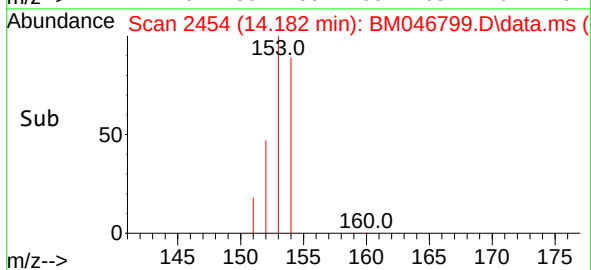
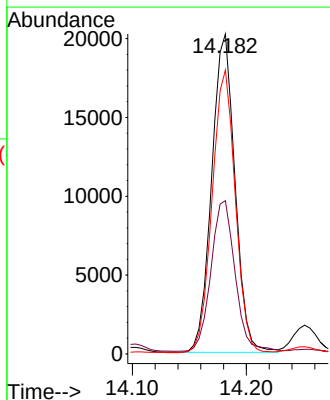
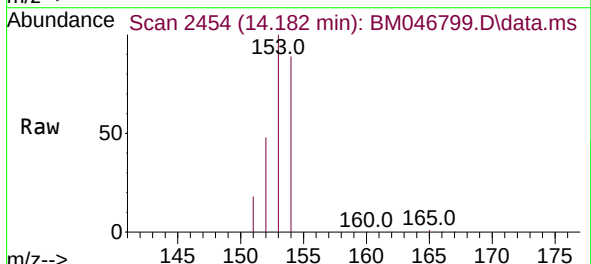
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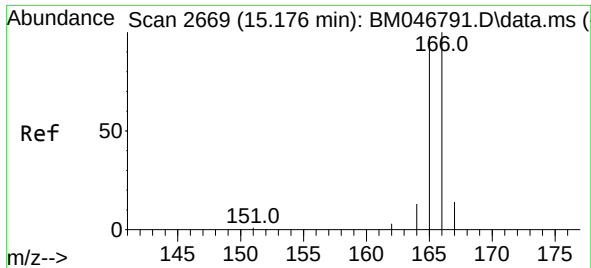
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#11
Acenaphthene
Concen: 1.707 ng/ul
RT: 14.182 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43

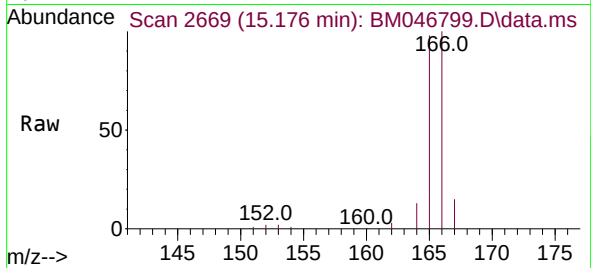
Tgt Ion:153 Resp: 28673
Ion Ratio Lower Upper
153 100
152 47.9 38.6 57.8
154 88.8 70.8 106.2





#12
Fluorene
Concen: 1.657 ng/ul
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43

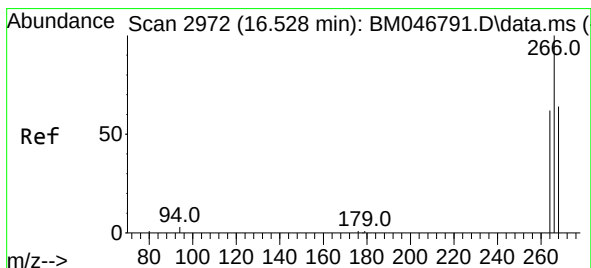
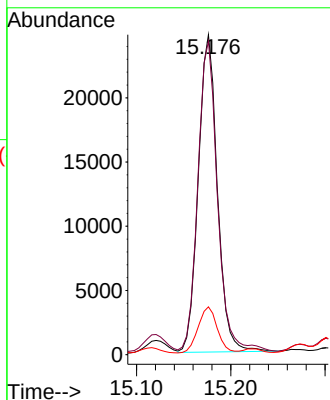
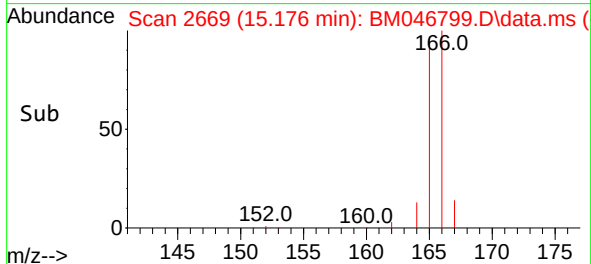
Instrument :
BNA_M
ClientSampleId :
A4CL0MSD



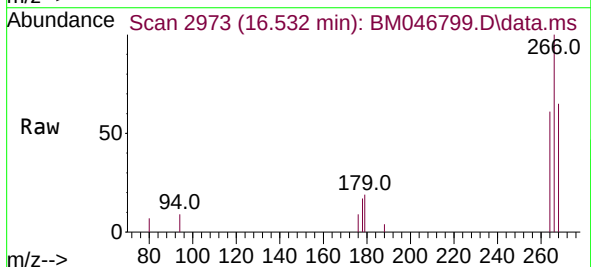
Tgt Ion:166 Resp: 3479
Ion Ratio Lower Upper
166 100
165 98.0 79.8 119.6
167 15.0 12.3 18.5

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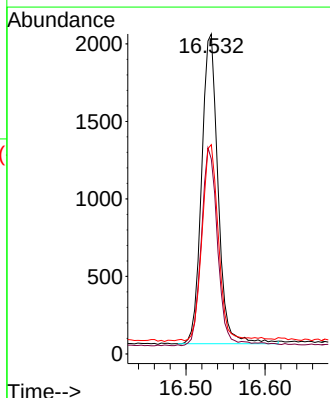
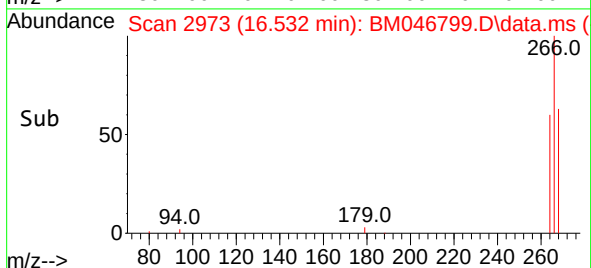
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

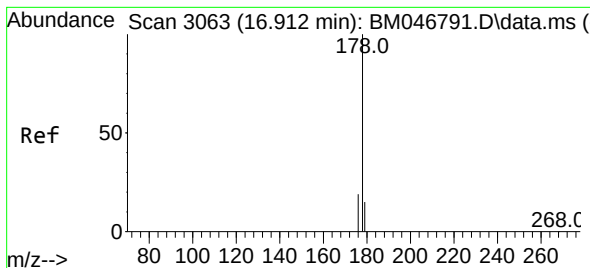


#14
Pentachlorophenol
Concen: 0.569 ng/ul
RT: 16.532 min Scan# 2973
Delta R.T. -0.001 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43



Tgt Ion:266 Resp: 2878
Ion Ratio Lower Upper
266 100
264 63.8 51.1 76.7
268 65.1 51.8 77.6





#15

Phenanthrene

Concen: 16.630 ng/ul

RT: 16.912 min Scan# 3063

Delta R.T. -0.001 min

Lab File: BM046799.D

Acq: 25 Jul 2024 14:43

Instrument :

BNA_M

ClientSampleId :

A4CL0MSD

Tgt Ion:178 Resp: 53453

Ion Ratio Lower Upper

178 100

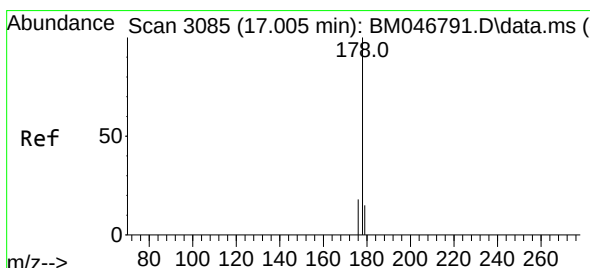
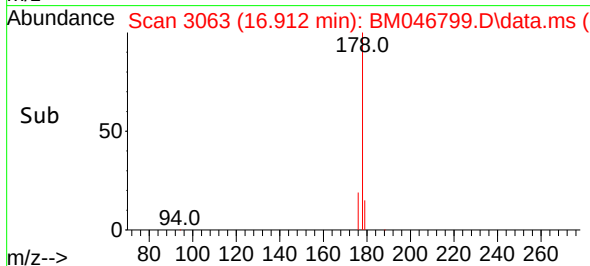
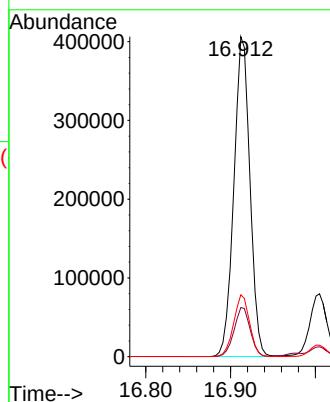
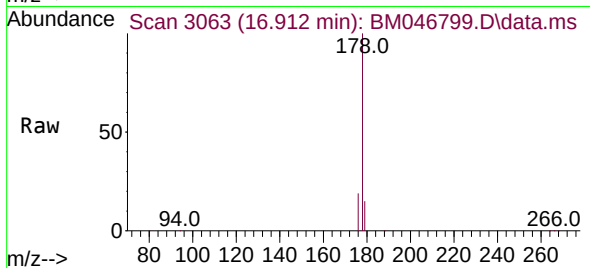
179 15.4 13.4 20.2

176 19.4 16.1 24.1

Manual Integrations

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Supervised By :mohammad ahmed 07/27/2024



#16

Anthracene

Concen: 3.627 ng/ul

RT: 17.005 min Scan# 3085

Delta R.T. -0.001 min

Lab File: BM046799.D

Acq: 25 Jul 2024 14:43

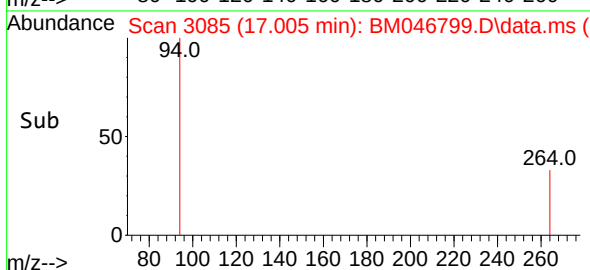
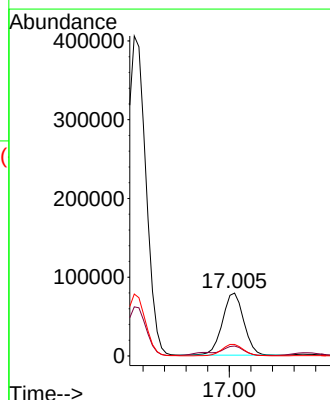
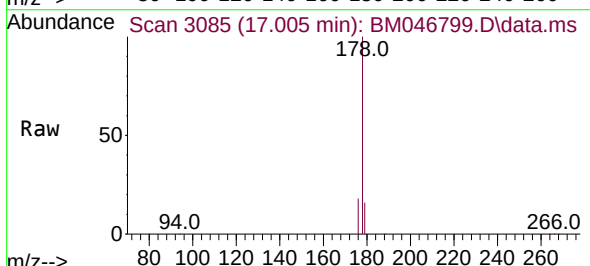
Tgt Ion:178 Resp: 108518

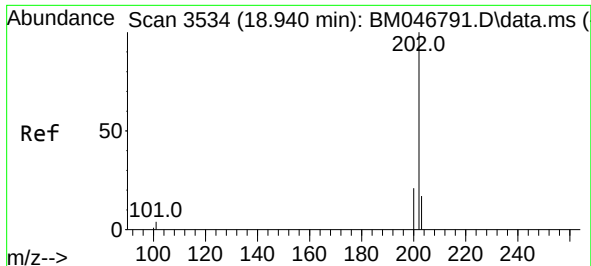
Ion Ratio Lower Upper

178 100

179 15.9 13.1 19.7

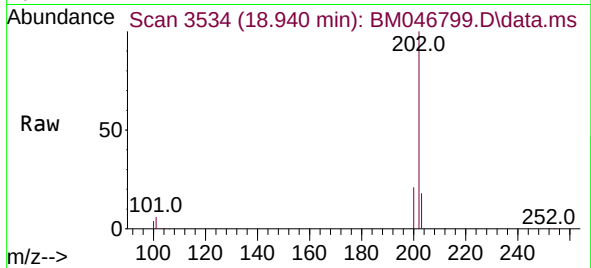
176 18.4 15.0 22.6





#19
Fluoranthene
Concen: 23.587 ng/u1
RT: 18.940 min Scan# 3534
Delta R.T. -0.001 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43

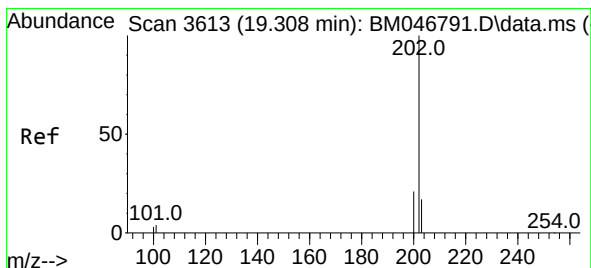
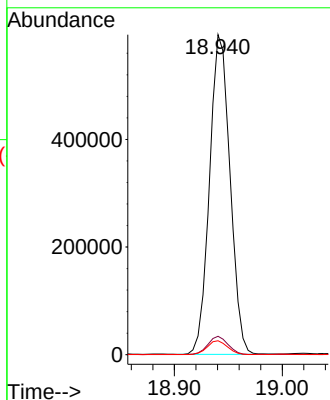
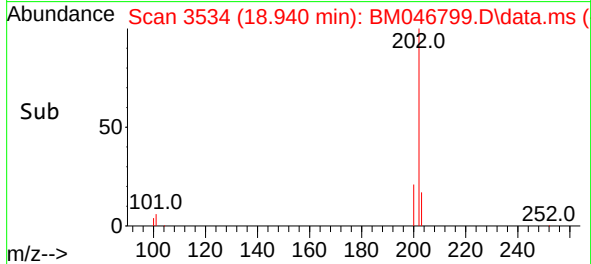
Instrument :
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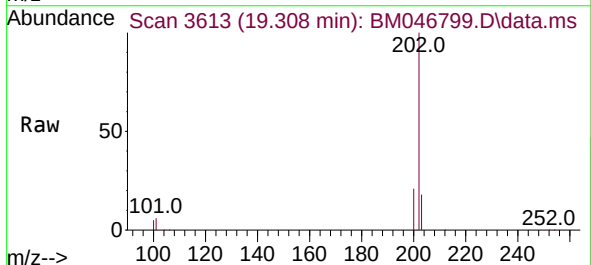
Tgt Ion:202 Resp: 784494
Ion Ratio Lower Upper
202 100
101 5.8 4.7 7.1
100 4.3 3.4 5.2

Manual Integrations
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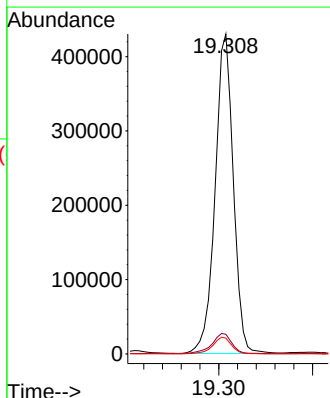
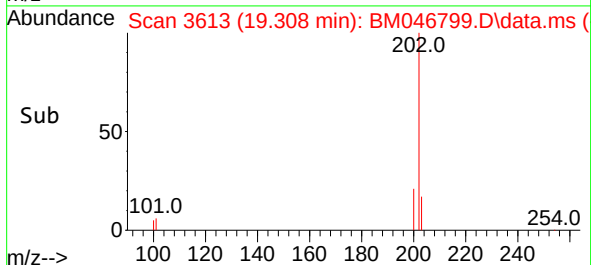
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

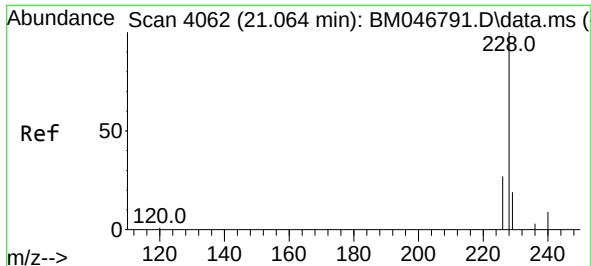


#20
Pyrene
Concen: 16.800 ng/u1
RT: 19.308 min Scan# 3613
Delta R.T. 0.003 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43



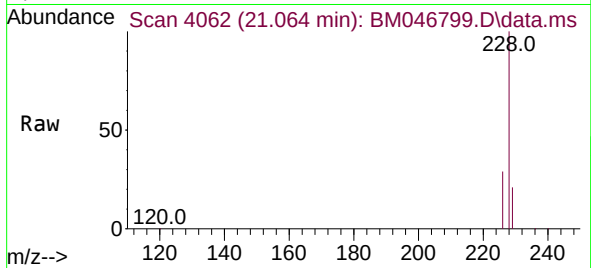
Tgt Ion:202 Resp: 578008
Ion Ratio Lower Upper
202 100
101 6.1 5.2 7.8
100 5.0 4.3 6.5





#21
Benzo(a)anthracene
Concen: 10.524 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. 0.000 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43

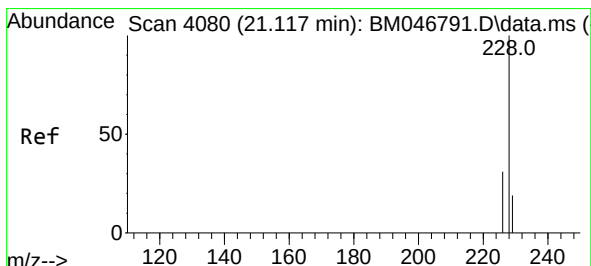
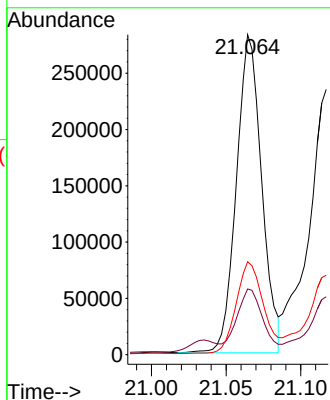
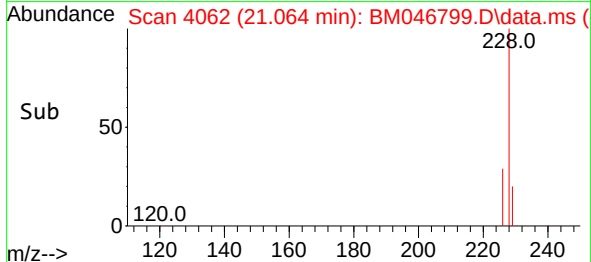
Instrument :
BNA_M
ClientSampleId :
A4CL0MSD



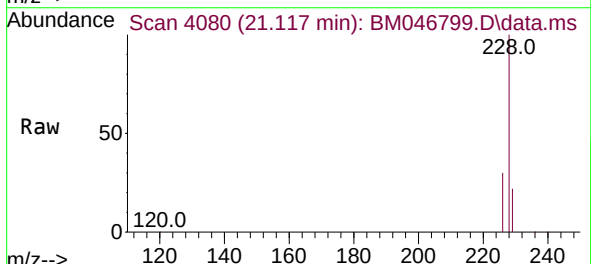
Tgt Ion:228 Resp: 332125
Ion Ratio Lower Upper
228 100
229 20.5 16.3 24.5
226 29.1 22.3 33.5

Manual Integrations
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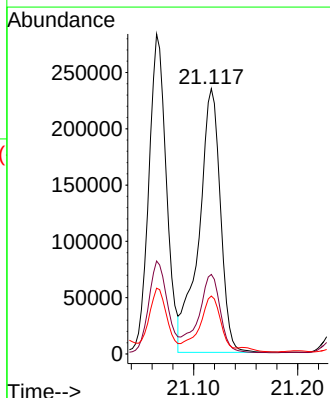
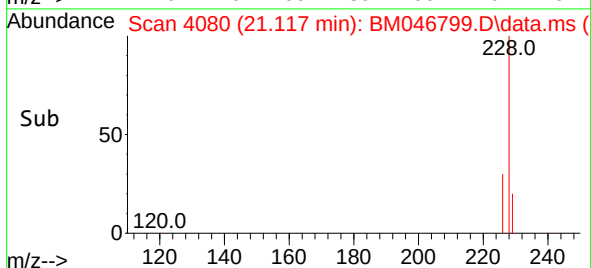
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

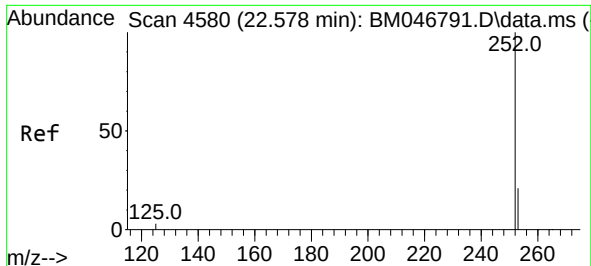


#22
Chrysene
Concen: 10.483 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43



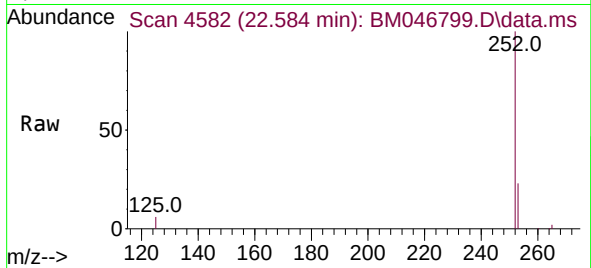
Tgt Ion:228 Resp: 336051
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 21.8 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 10.562 ng/ul m
RT: 22.584 min Scan# 4582
Delta R.T. 0.003 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43

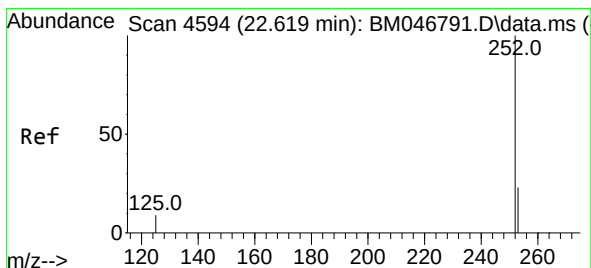
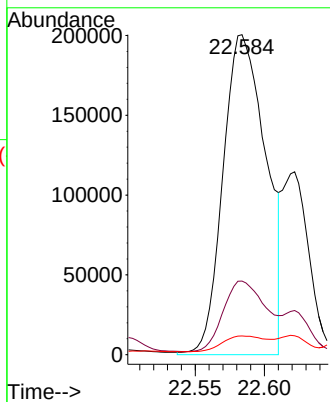
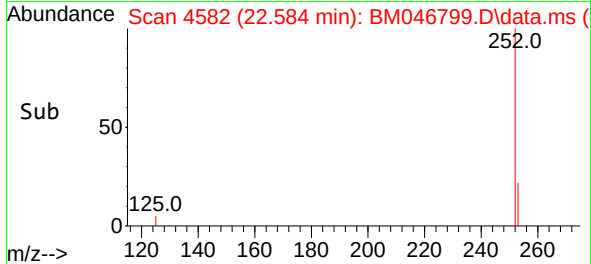
Instrument :
BNA_M
ClientSampleId :
A4CLOMSD



Tgt Ion:252 Resp: 432360
Ion Ratio Lower Upper
252 100
253 23.0 0.0 56.4
125 5.8 0.0 15.8

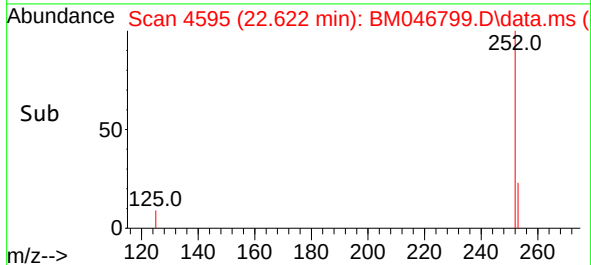
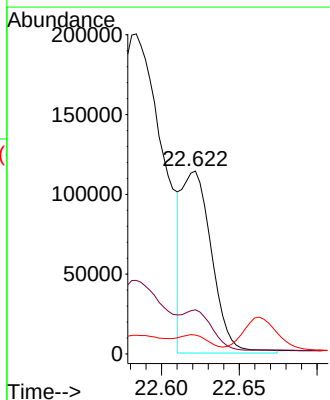
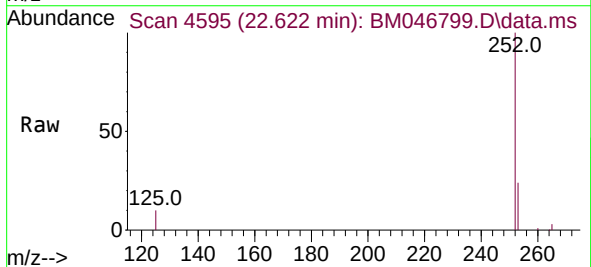
Manual Integrations
APPROVED

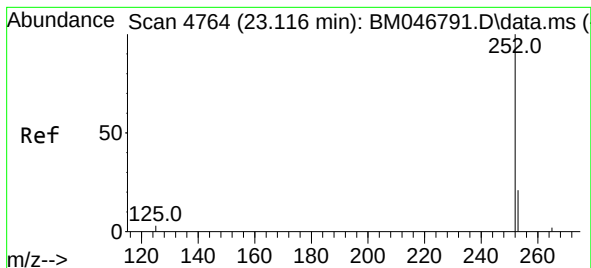
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#25
Benzo(k)fluoranthene
Concen: 3.701 ng/ul m
RT: 22.622 min Scan# 4595
Delta R.T. 0.000 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43

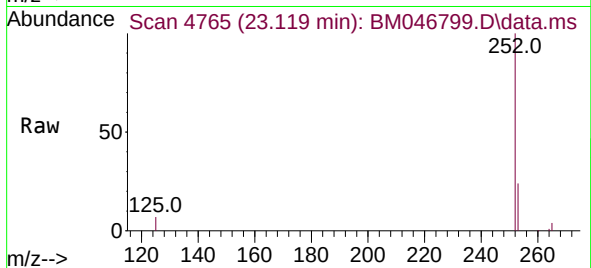
Tgt Ion:252 Resp: 152655
Ion Ratio Lower Upper
252 100
253 24.2 23.5 35.3
125 10.3 8.6 13.0





#26
Benzo(a)pyrene
Concen: 5.636 ng/ul
RT: 23.119 min Scan# 4764
Delta R.T. 0.000 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43

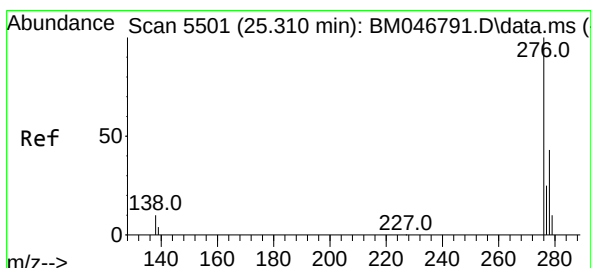
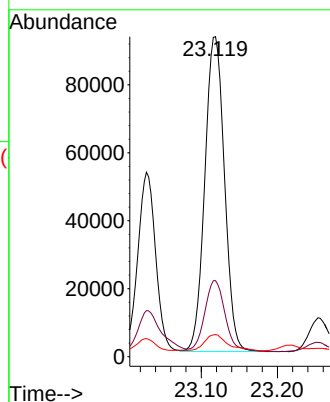
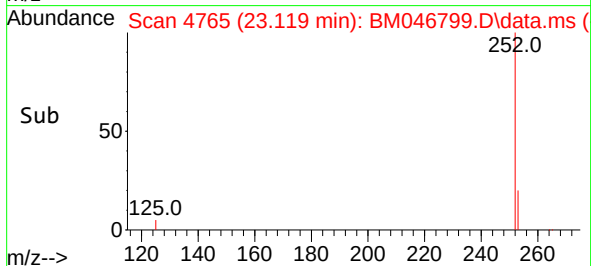
Instrument :
BNA_M
ClientSampleId :
A4CLOMSD



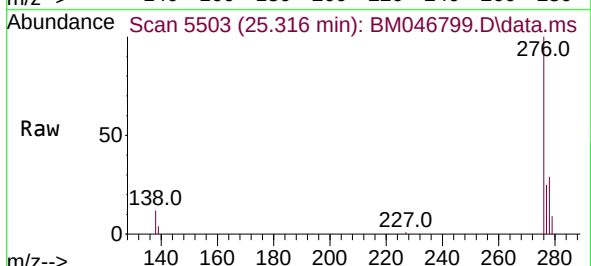
Tgt Ion:252 Resp: 165618
Ion Ratio Lower Upper
252 100
253 23.7 26.0 39.0
125 6.9 7.8 11.8

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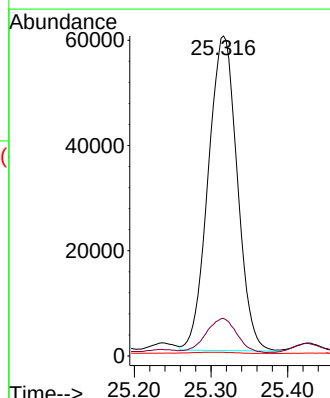
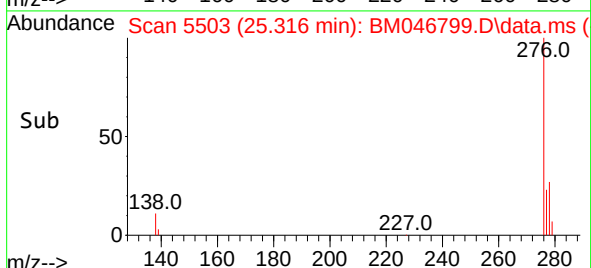
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

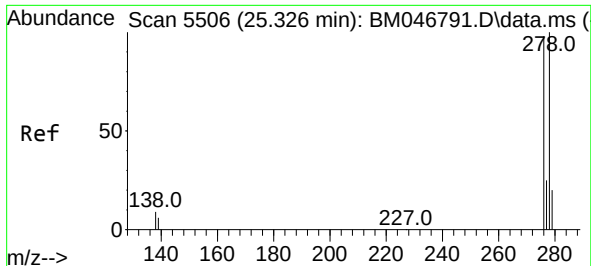


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.478 ng/ul
RT: 25.316 min Scan# 5503
Delta R.T. 0.000 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43



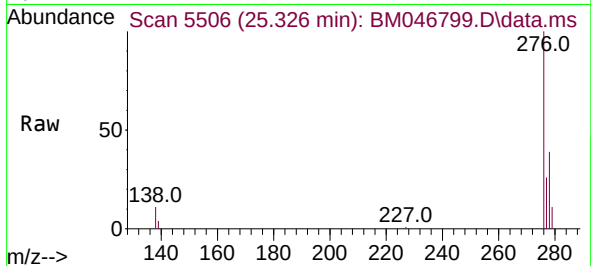
Tgt Ion:276 Resp: 157303
Ion Ratio Lower Upper
276 100
138 11.4 9.7 14.5
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.703 ng/ul
RT: 25.326 min Scan# 51
Delta R.T. -0.006 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43

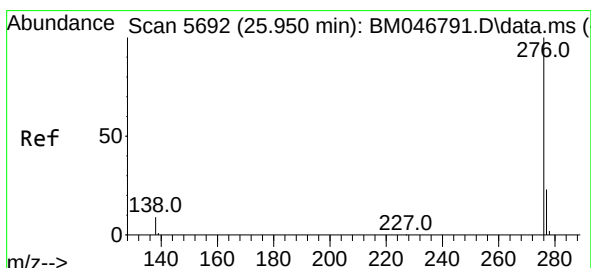
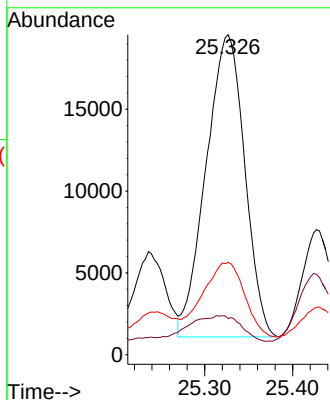
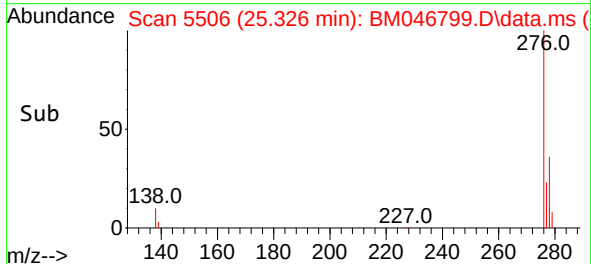
Instrument :
BNA_M
ClientSampleId :
A4CLOMSD



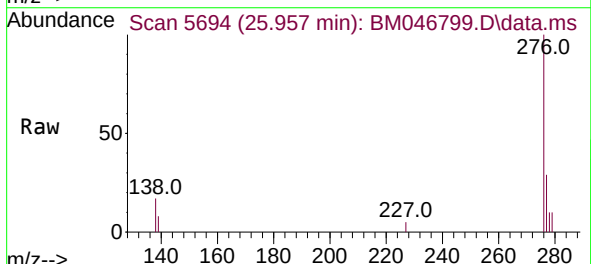
Tgt Ion:278 Resp: 56394
Ion Ratio Lower Upper
278 100
139 11.2 9.8 14.8
279 28.9 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.647 ng/ul
RT: 25.957 min Scan# 5694
Delta R.T. 0.004 min
Lab File: BM046799.D
Acq: 25 Jul 2024 14:43



Tgt Ion:276 Resp: 25779
Ion Ratio Lower Upper
276 100
138 17.2 9.5 14.3#
277 29.4 20.9 31.3

