

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046622.D
 Acq On : 16 Jul 2024 07:42
 Operator : MA/JU
 Sample : P3088-14DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D02DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 08:13:02 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	3010	0.400	ng/ul	0.00
4) Naphthalene-d8	10.259	136	7706	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.145	164	5163	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.895	188	11525	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	10704	0.400	ng/ul	0.00
23) Perylene-d12	23.242	264	12527	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	800	0.323	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.859	152	338	0.027	ng/ul	0.00
18) Fluoranthene-d10	18.936	212	760	0.023	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.308	128	1624	0.083	ng/ul#	93
7) 2-Methylnaphthalene	11.936	142	969	0.070	ng/ul	100
8) 1-Methylnaphthalene	12.156	142	825	0.059	ng/ul	97
10) Acenaphthylene	13.858	152	5337	0.227	ng/ul	99
11) Acenaphthene	14.205	153	1591	0.101	ng/ul	98
12) Fluorene	15.199	166	2620	0.134	ng/ul#	95
14) Pentachlorophenol	16.553	266	139	0.024	ng/ul	95
15) Phenanthrene	16.937	178	48056	1.461	ng/ul	98
16) Anthracene	17.026	178	9998	0.312	ng/ul	100
19) Fluoranthene	18.964	202	104563	2.378	ng/ul	99
20) Pyrene	19.331	202	75906	1.595	ng/ul	98
21) Benzo(a)anthracene	21.088	228	51984	1.098	ng/ul	96
22) Chrysene	21.137	228	58899	1.285	ng/ul	98
24) Benzo(b)fluoranthene	22.610	252	80787m	1.615	ng/ul	
25) Benzo(k)fluoranthene	22.648	252	30093m	0.613	ng/ul	
26) Benzo(a)pyrene	23.148	252	26135	0.635	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.357	276	27984	0.447	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.373	278	10222	0.206	ng/ul#	83
29) Benzo(g,h,i)perylene	26.004	276	4118	0.082	ng/ul#	72

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

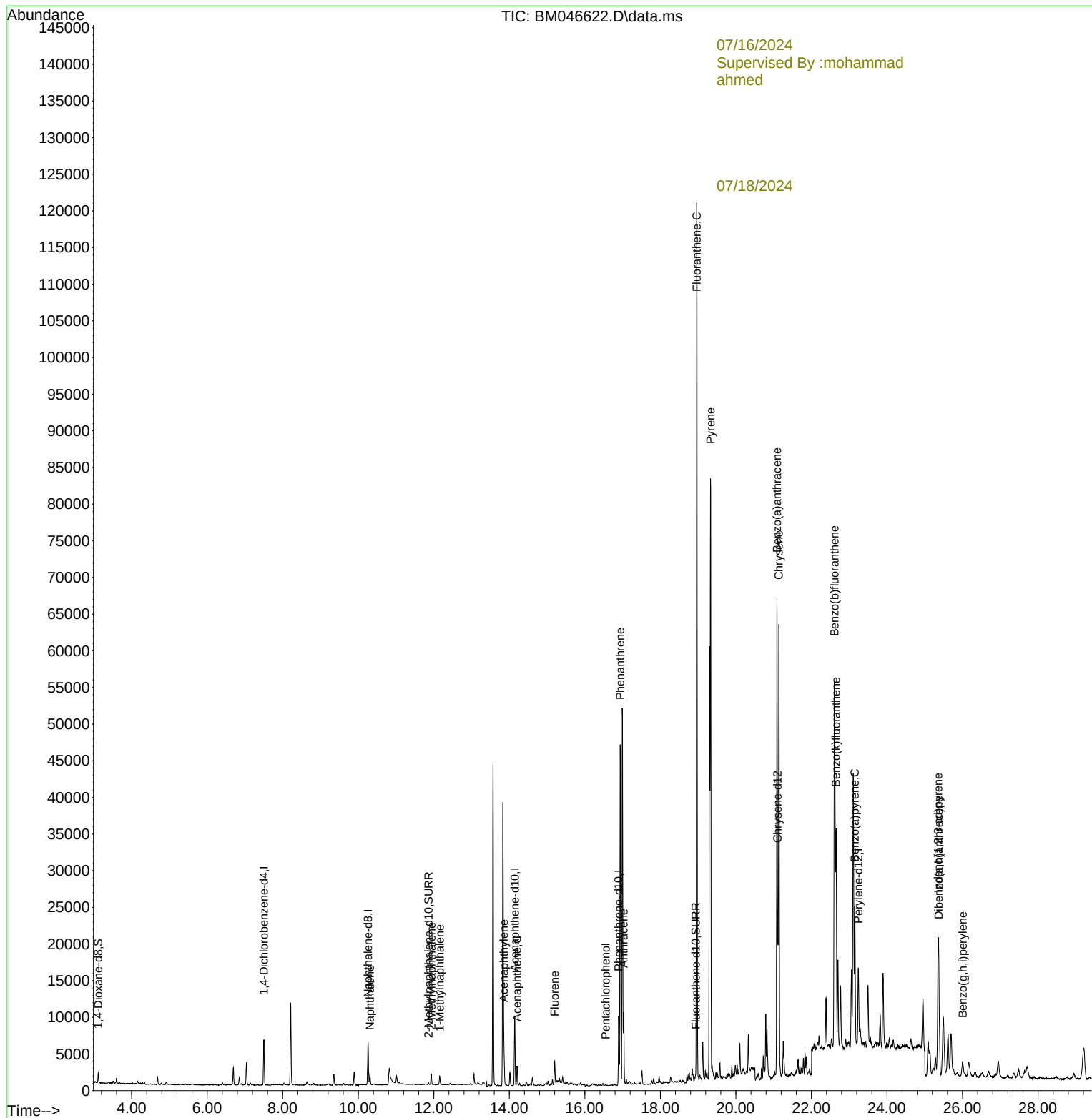
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046622.D
Acq On : 16 Jul 2024 07:42
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Sample : P3088-14DL 5X
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ALS Vial : 33 Sample Multiplier: 1

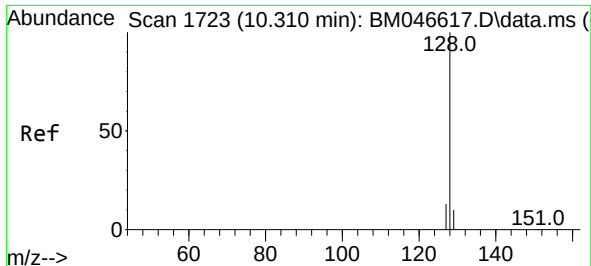
Instrument :
BNA_M
ClientSampleId :
A4D02DL

Quant Time: Jul 16 08:13:02 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

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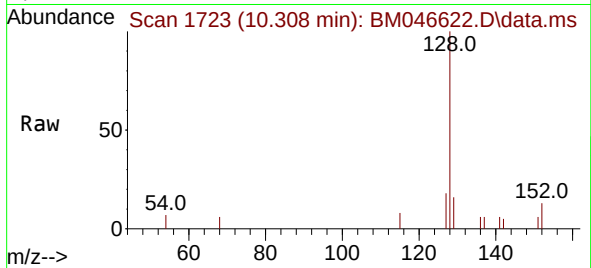
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Supervised By :mohammad ahmed 07/18/2024





#5
Naphthalene
Concen: 0.083 ng/ul
RT: 10.308 min Scan# 1723
Delta R.T. -0.007 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42

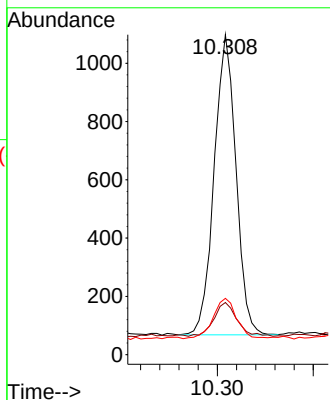
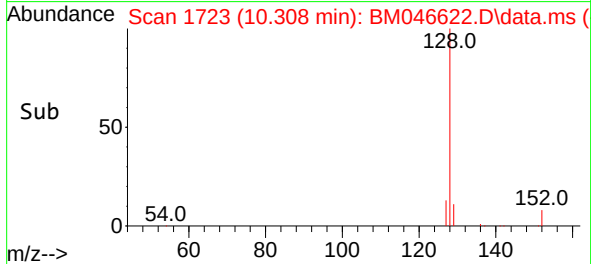
Instrument :
BNA_M
ClientSampleId :
A4D02DL



Tgt Ion:128 Resp: 1624
Ion Ratio Lower Upper
128 100
129 16.3 10.3 15.5
127 17.6 12.2 18.4

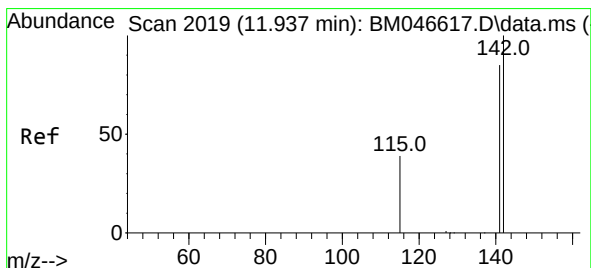
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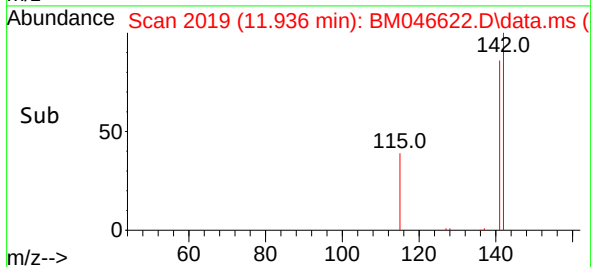
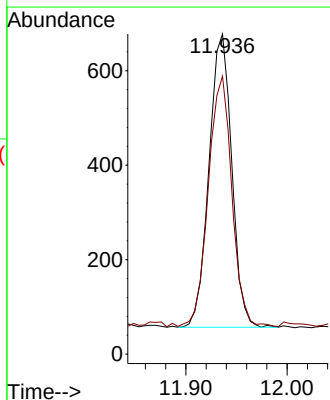
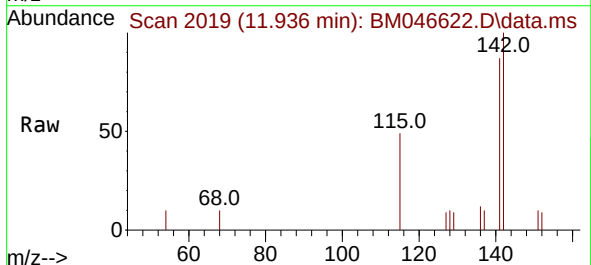
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ahmed

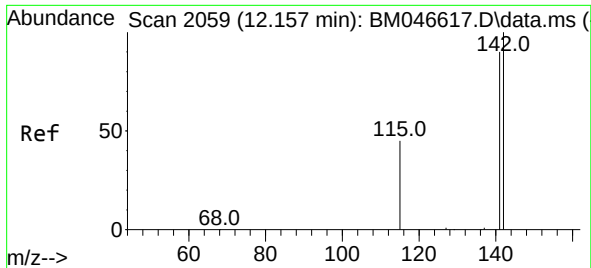
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#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 11.936 min Scan# 2019
Delta R.T. -0.007 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42

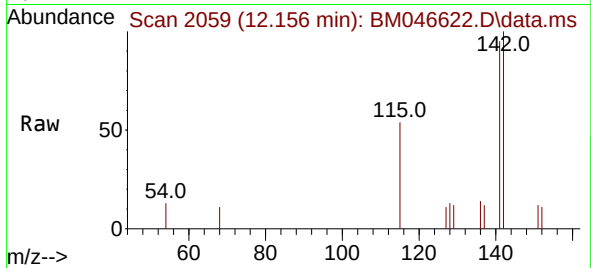
Tgt Ion:142 Resp: 969
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.156 min Scan# 2059
Delta R.T. -0.007 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42

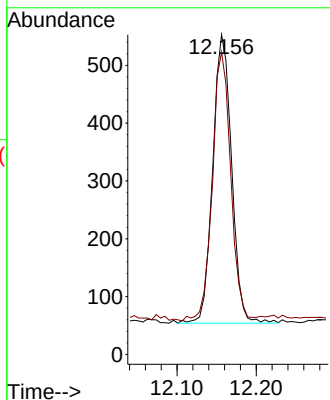
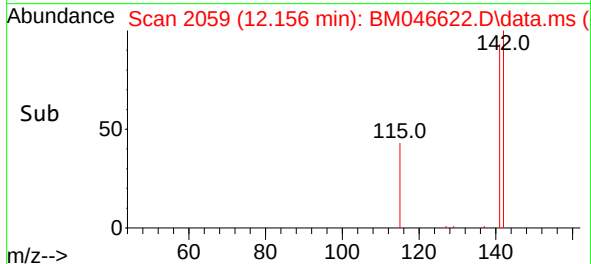
Instrument :
BNA_M
ClientSampleId :
A4D02DL



Tgt Ion:142 Resp: 829
Ion Ratio Lower Upper
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141 89.3 73.9 110.9

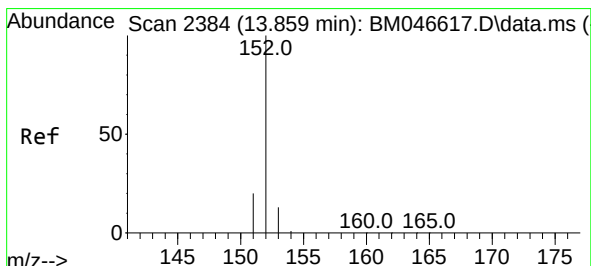
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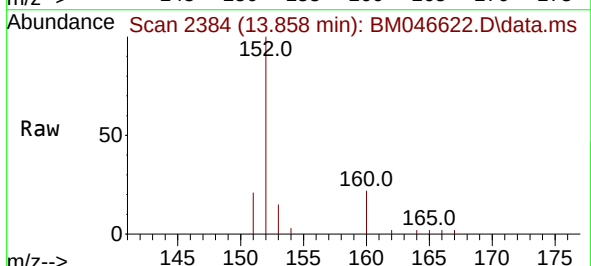


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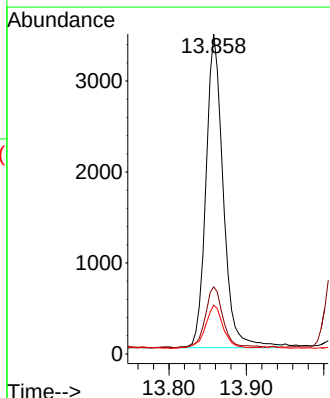
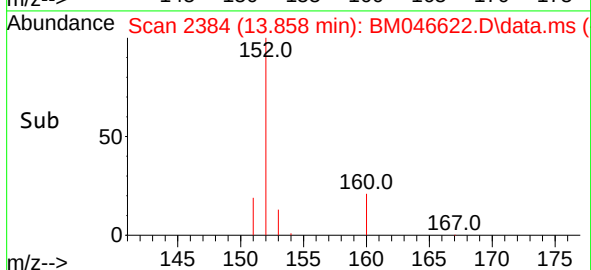
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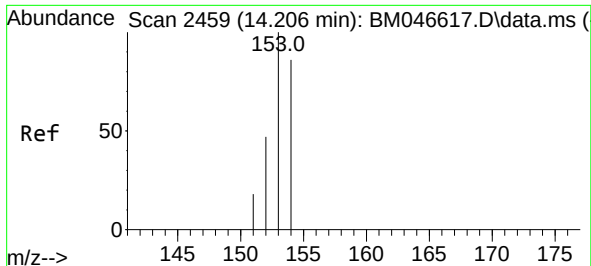


#10
Acenaphthylene
Concen: 0.227 ng/ul
RT: 13.858 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42



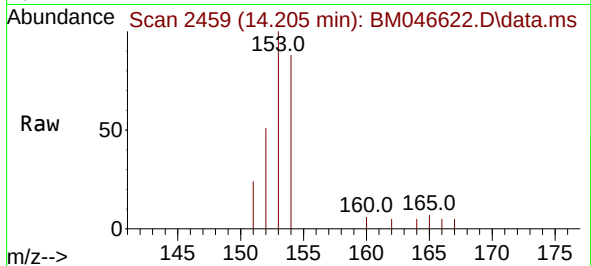
Tgt Ion:152 Resp: 5337
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 15.2 12.4 18.6





#11
Acenaphthene
Concen: 0.101 ng/ul
RT: 14.205 min Scan# 2459
Delta R.T. -0.006 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42

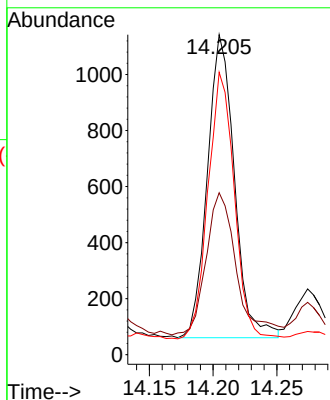
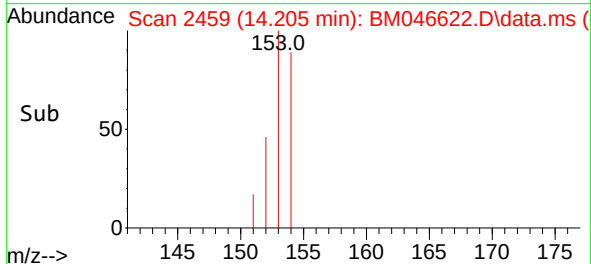
Instrument :
BNA_M
ClientSampleId :
A4D02DL



Tgt Ion:153 Resp: 159
Ion Ratio Lower Upper
153 100
152 50.6 43.0 64.6
154 88.3 69.9 104.9

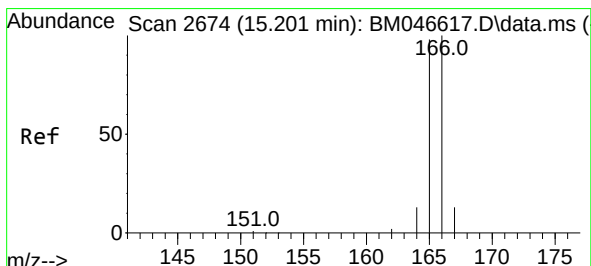
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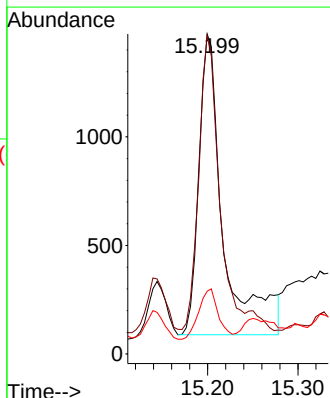
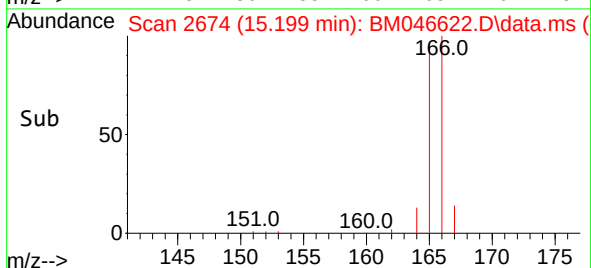
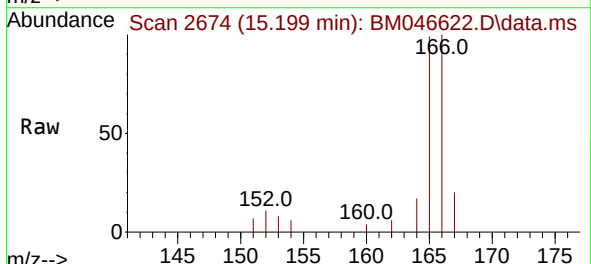
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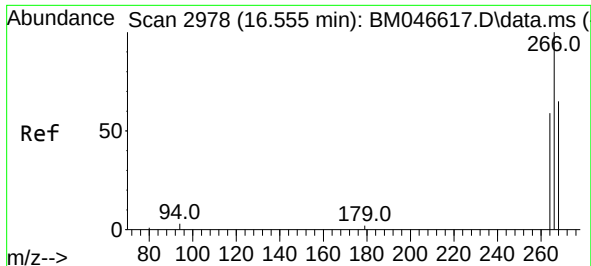
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#12
Fluorene
Concen: 0.134 ng/ul
RT: 15.199 min Scan# 2674
Delta R.T. -0.006 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42

Tgt Ion:166 Resp: 2620
Ion Ratio Lower Upper
166 100
165 99.4 76.1 114.1
167 19.6 12.5 18.7#





#14
Pentachlorophenol
Concen: 0.024 ng/ul
RT: 16.553 min Scan# 2978
Delta R.T. -0.002 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42

Instrument :

BNA_M

ClientSampleId :

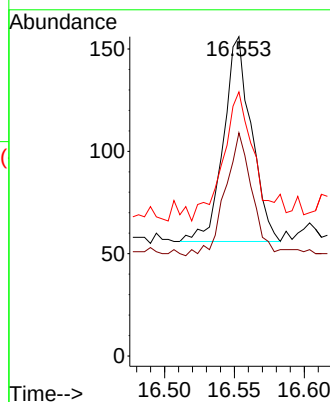
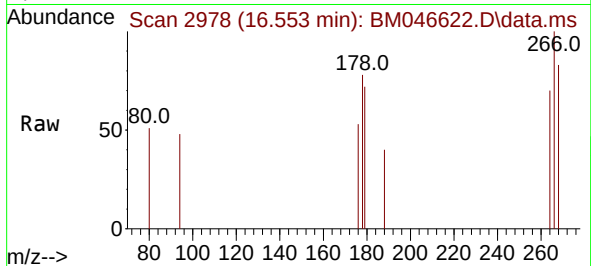
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Tgt Ion:266 Resp: 139
Ion Ratio Lower Upper
266 100
264 60.4 50.1 75.1
268 71.9 52.5 78.7

Manual Integrations

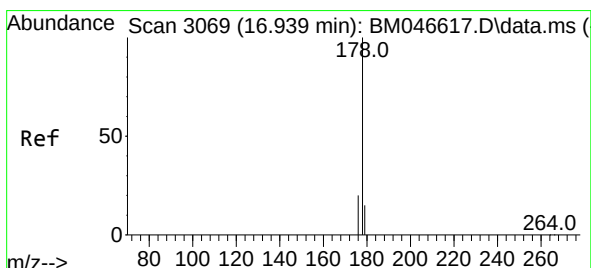
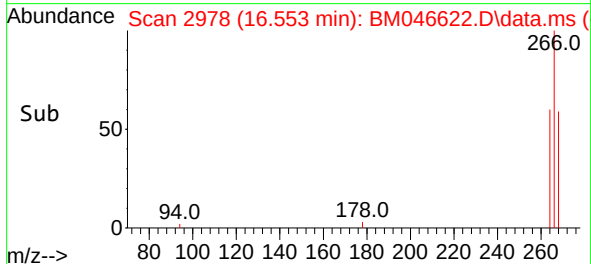
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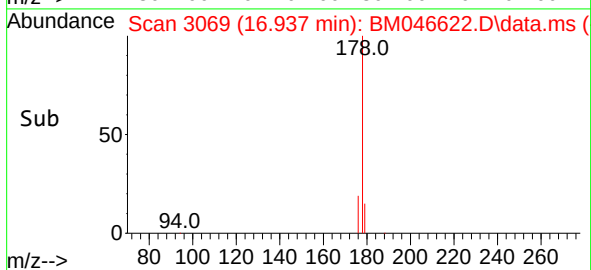
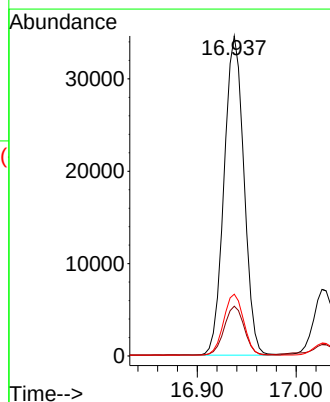
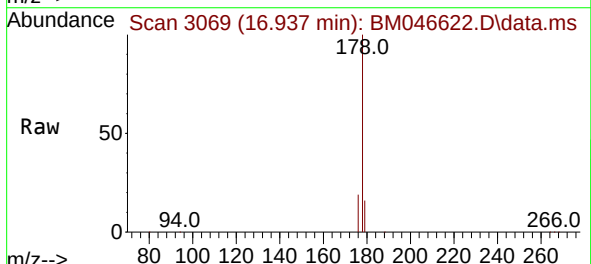
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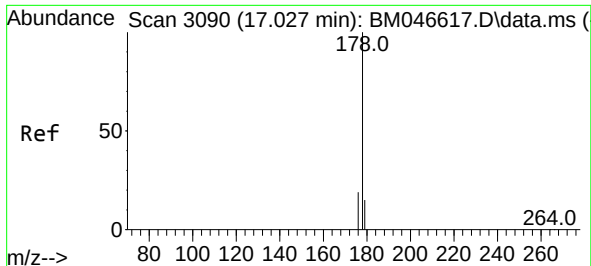
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#15
Phenanthrene
Concen: 1.461 ng/ul
RT: 16.937 min Scan# 3069
Delta R.T. -0.006 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42

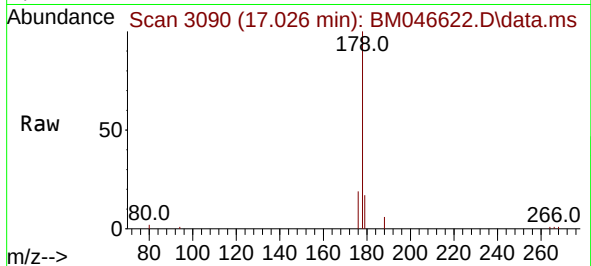
Tgt Ion:178 Resp: 48056
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 19.3 16.0 24.0





#16
 Anthracene
 Concen: 0.312 ng/ul
 RT: 17.026 min Scan# 3090
 Delta R.T. -0.006 min
 Lab File: BM046622.D
 Acq: 16 Jul 2024 07:42

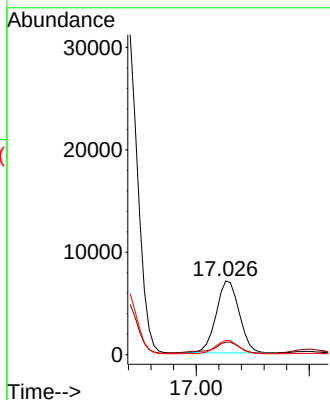
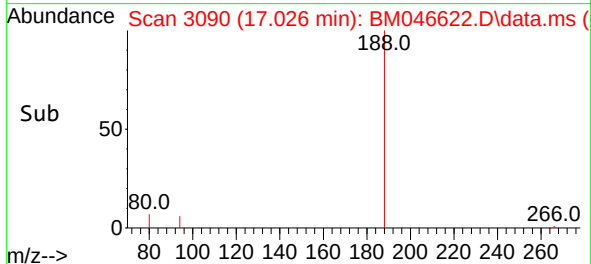
Instrument :
 BNA_M
 ClientSampleId :
 A4D02DL



Tgt Ion:178 Resp: 998
 Ion Ratio Lower Upper
 178 100
 179 17.0 13.5 20.3
 176 19.4 15.7 23.5

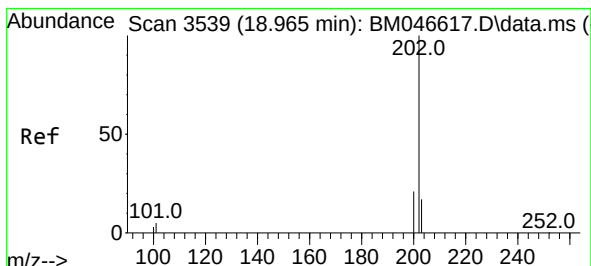
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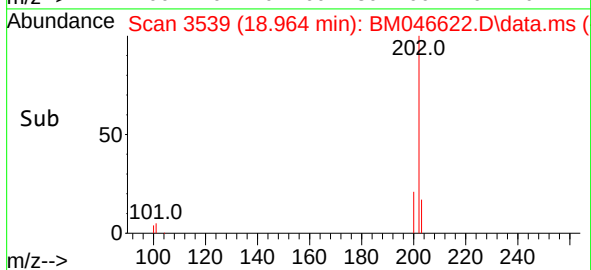
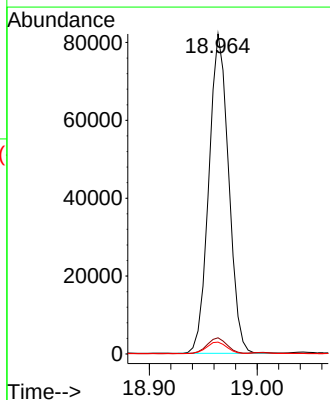
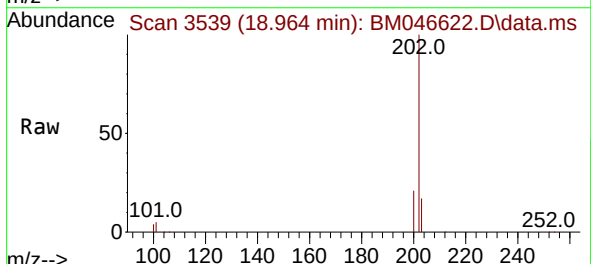
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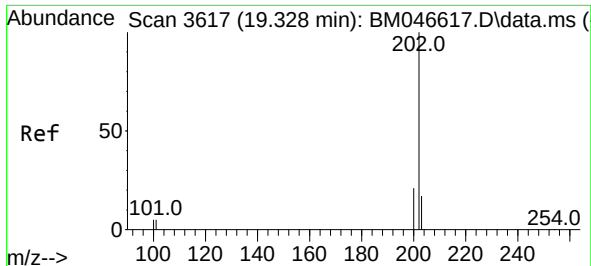
07/18/2024



#19
 Fluoranthene
 Concen: 2.378 ng/ul
 RT: 18.964 min Scan# 3539
 Delta R.T. -0.006 min
 Lab File: BM046622.D
 Acq: 16 Jul 2024 07:42

Tgt Ion:202 Resp: 104563
 Ion Ratio Lower Upper
 202 100
 101 5.1 4.6 6.8
 100 3.7 3.0 4.6





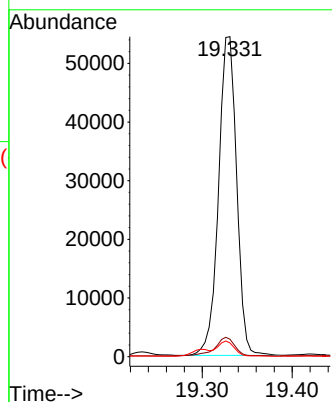
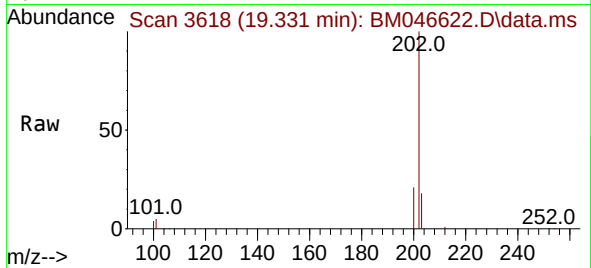
#20
Pyrene
Concen: 1.595 ng/ul
RT: 19.331 min Scan# 30
Delta R.T. -0.002 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42

Instrument :
BNA_M
ClientSampleId :
A4D02DL

Tgt Ion:202 Resp: 75900
Ion Ratio Lower Upper
202 100
101 5.4 5.1 7.7
100 4.3 3.8 5.6

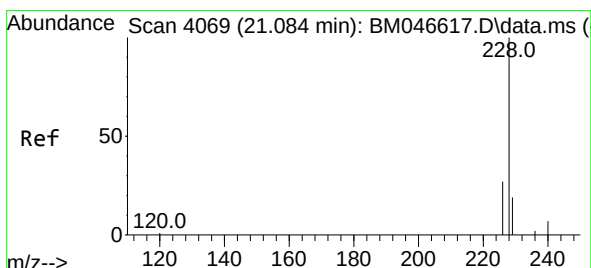
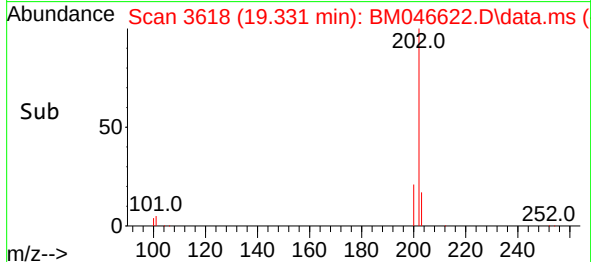
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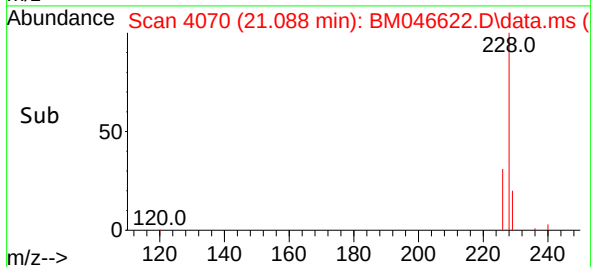
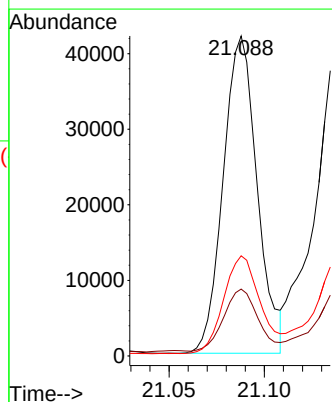
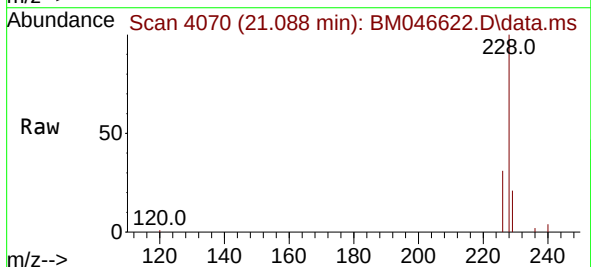
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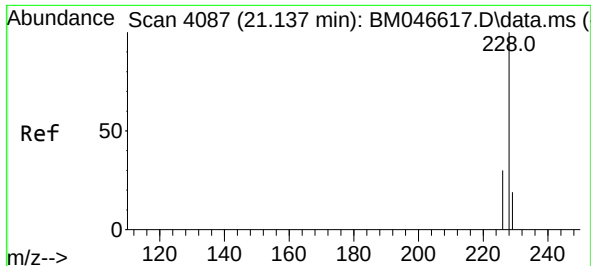
07/18/2024



#21
Benzo(a)anthracene
Concen: 1.098 ng/ul
RT: 21.088 min Scan# 4070
Delta R.T. 0.000 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42

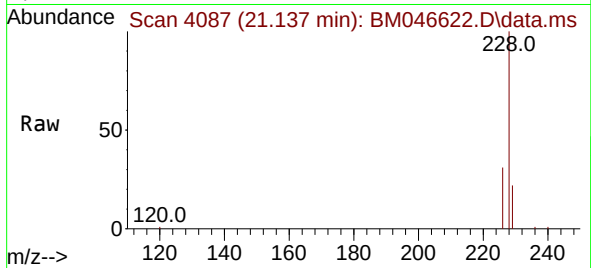
Tgt Ion:228 Resp: 51984
Ion Ratio Lower Upper
228 100
229 20.9 16.5 24.7
226 31.3 22.5 33.7





#22
Chrysene
Concen: 1.285 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42

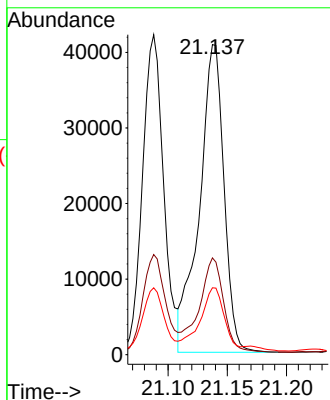
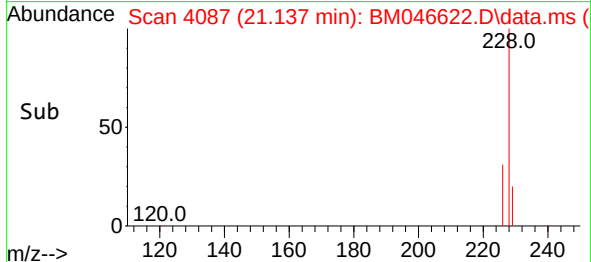
Instrument :
BNA_M
ClientSampleId :
A4D02DL



Tgt Ion:228 Resp: 5889
Ion Ratio Lower Upper
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226 31.2 24.3 36.5
229 21.6 16.4 24.6

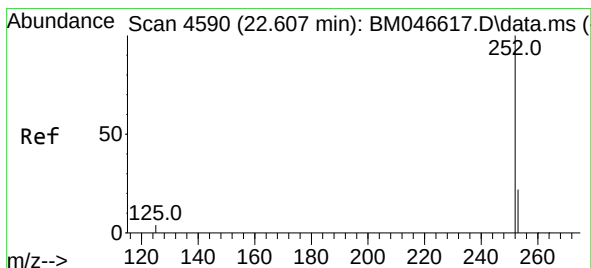
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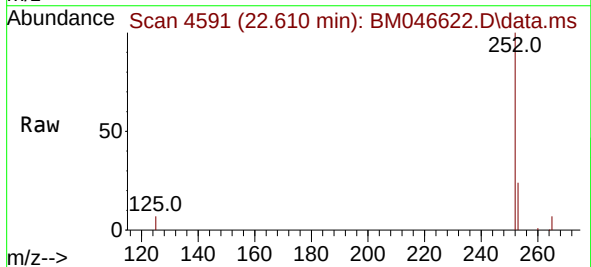


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Supervised By :mohammad
ahmed

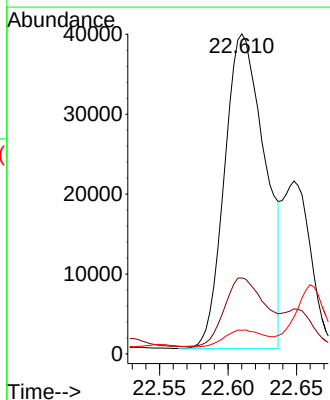
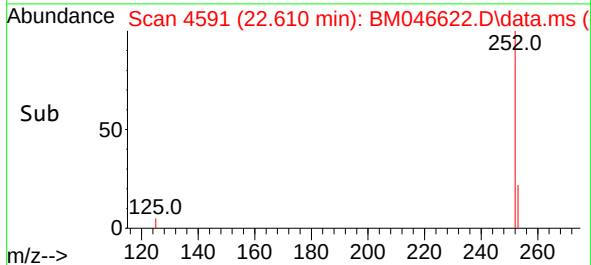
07/18/2024

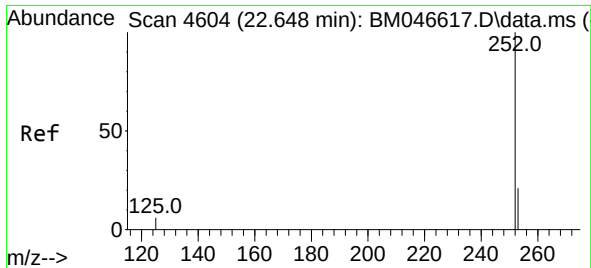


#24
Benzo(b)fluoranthene
Concen: 1.615 ng/ul m
RT: 22.610 min Scan# 4591
Delta R.T. 0.000 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42



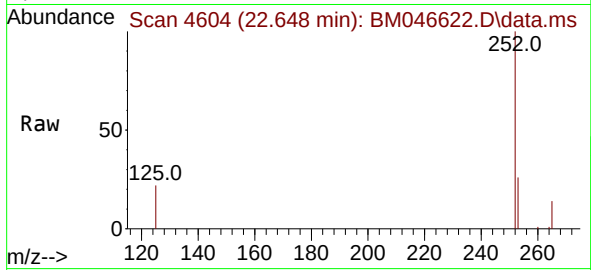
Tgt Ion:252 Resp: 80787
Ion Ratio Lower Upper
252 100
253 23.8 0.0 56.2
125 7.4 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.613 ng/ul m
RT: 22.648 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42

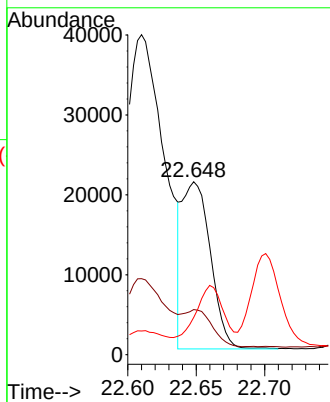
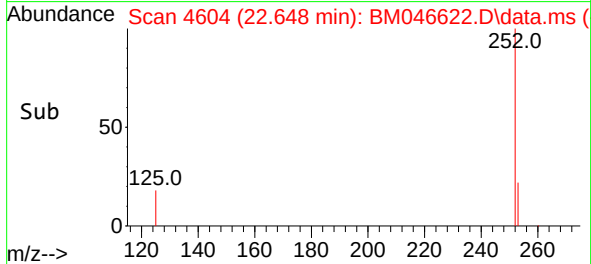
Instrument :
BNA_M
ClientSampleId :
A4D02DL



Tgt Ion:252 Resp: 309
Ion Ratio Lower Upper
252 100
253 26.1 22.4 33.6
125 21.6 7.0 10.4

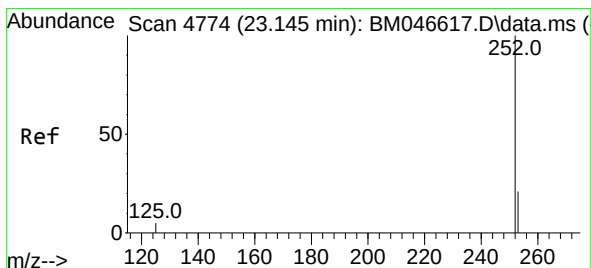
Manual Integrations
APPROVED

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

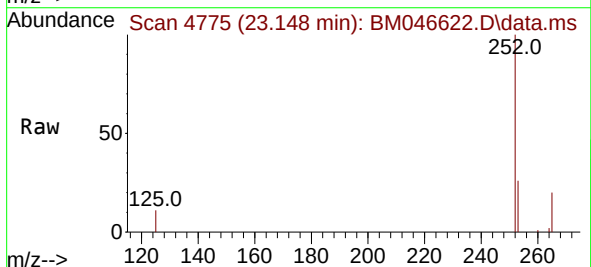


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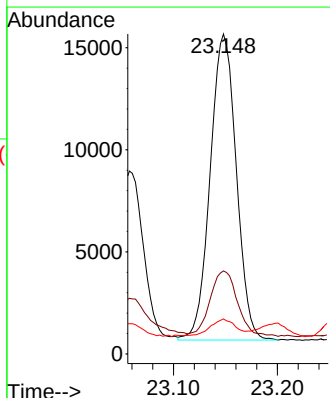
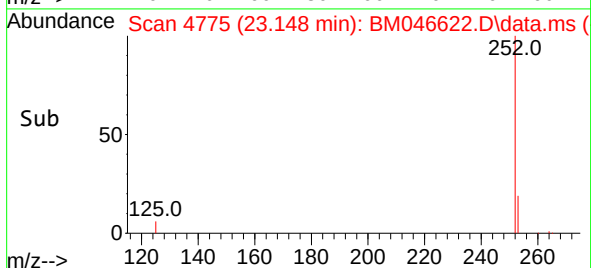
07/18/2024

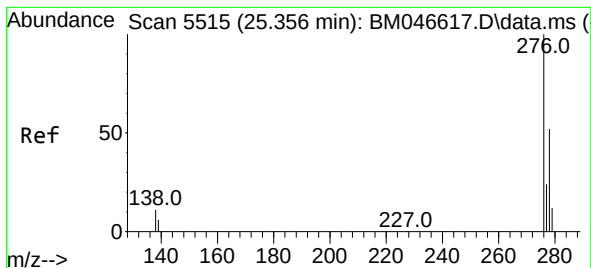


#26
Benzo(a)pyrene
Concen: 0.635 ng/ul
RT: 23.148 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42



Tgt Ion:252 Resp: 26135
Ion Ratio Lower Upper
252 100
253 25.9 24.0 36.0
125 10.9 8.2 12.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.447 ng/ul

RT: 25.357 min Scan# 51

Delta R.T. -0.003 min

Lab File: BM046622.D

Acq: 16 Jul 2024 07:42

Instrument :

BNA_M

ClientSampleId :

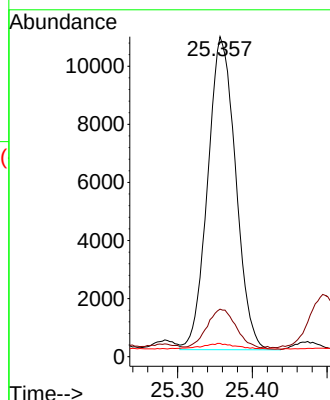
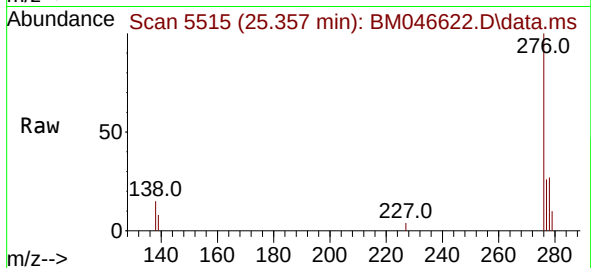
A4D02DL

Tgt Ion:	276	Resp:	27984
Ion Ratio	Lower	Upper	
276	100		
138	12.6	0.0	0.0#
227	2.2	0.2	0.2#

Manual Integrations

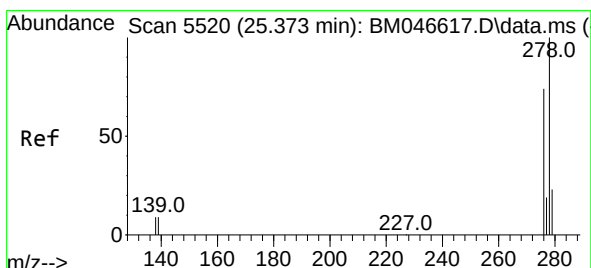
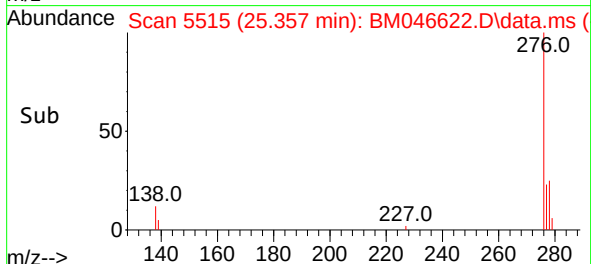
APPROVED

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



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Supervised By :mohammad
ahmed

07/18/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.206 ng/ul

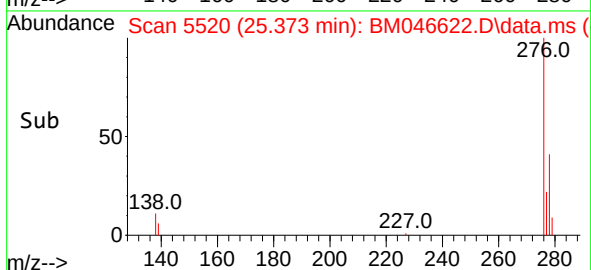
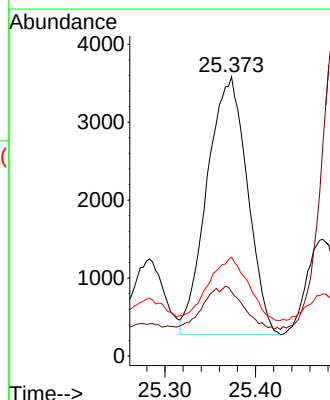
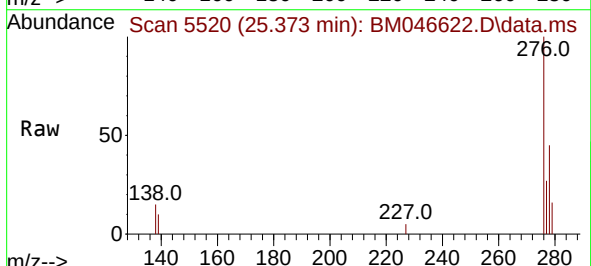
RT: 25.373 min Scan# 5520

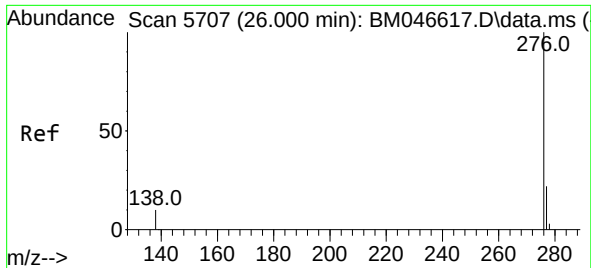
Delta R.T. -0.010 min

Lab File: BM046622.D

Acq: 16 Jul 2024 07:42

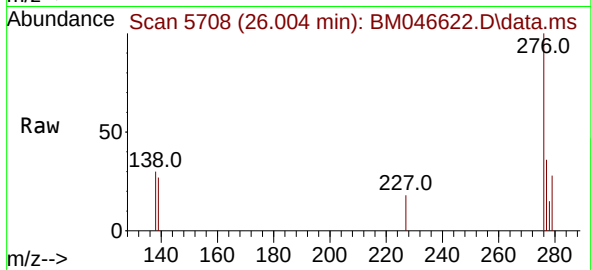
Tgt Ion:	278	Resp:	10222
Ion Ratio	Lower	Upper	
278	100		
139	23.0	9.1	13.7#
279	35.4	23.2	34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.082 ng/ul
RT: 26.004 min Scan# 5118
Delta R.T. 0.000 min
Lab File: BM046622.D
Acq: 16 Jul 2024 07:42

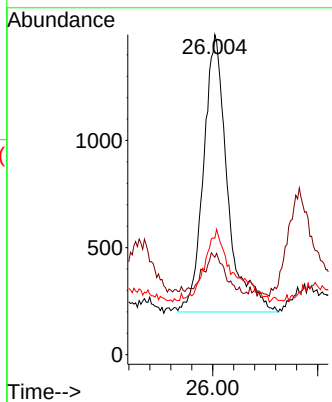
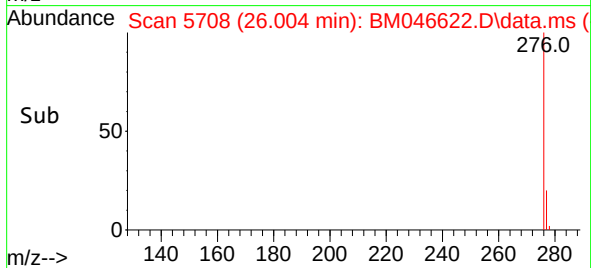
Instrument :
BNA_M
ClientSampleId :
A4D02DL



Tgt Ion: 276 Resp: 4118
Ion Ratio Lower Upper
276 100
138 30.5 10.2 15.4
277 36.4 20.9 31.3

Manual Integrations
APPROVED

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



07/16/2024
Supervised By :mohammad
ahmed

07/18/2024