

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046520.D
 Acq On : 11 Jul 2024 16:37
 Operator : MA/JU
 Sample : P3035-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B97

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 12 04:22:02 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 : Fri Jul 12 04:18:37 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	2565	0.400	ng/ul	0.00
4) Naphthalene-d8	10.275	136	6540	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.159	164	4403	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.908	188	9531	0.400	ng/ul	0.00
17) Chrysene-d12	21.117	240	8318	0.400	ng/ul	0.00
23) Perylene-d12	23.262	264	9625m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	5295	2.512	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.876	152	1902	0.180	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	4953	0.196	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.325	128	888	0.053	ng/ul#	84
7) 2-Methylnaphthalene	11.947	142	281	0.024	ng/ul	97
10) Acenaphthylene	13.872	152	1765	0.088	ng/ul#	94
11) Acenaphthene	14.219	153	800	0.060	ng/ul	96
12) Fluorene	15.218	166	1047	0.063	ng/ul#	98
15) Phenanthrene	16.950	178	18666	0.686	ng/ul	98
16) Anthracene	17.043	178	4176	0.157	ng/ul	96
19) Fluoranthene	18.978	202	37840	1.108	ng/ul	98
20) Pyrene	19.340	202	34962	0.945	ng/ul	99
21) Benzo(a)anthracene	21.102	228	19295	0.524	ng/ul	95
22) Chrysene	21.152	228	19333	0.543	ng/ul	99
24) Benzo(b)fluoranthene	22.628	252	29923m	0.778	ng/ul	
25) Benzo(k)fluoranthene	22.666	252	9796m	0.260	ng/ul	
26) Benzo(a)pyrene	23.172	252	21259	0.672	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.387	276	17772	0.369	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.394	278	4064	0.107	ng/ul#	75
29) Benzo(g,h,i)perylene	26.031	276	17572	0.457	ng/ul	98

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

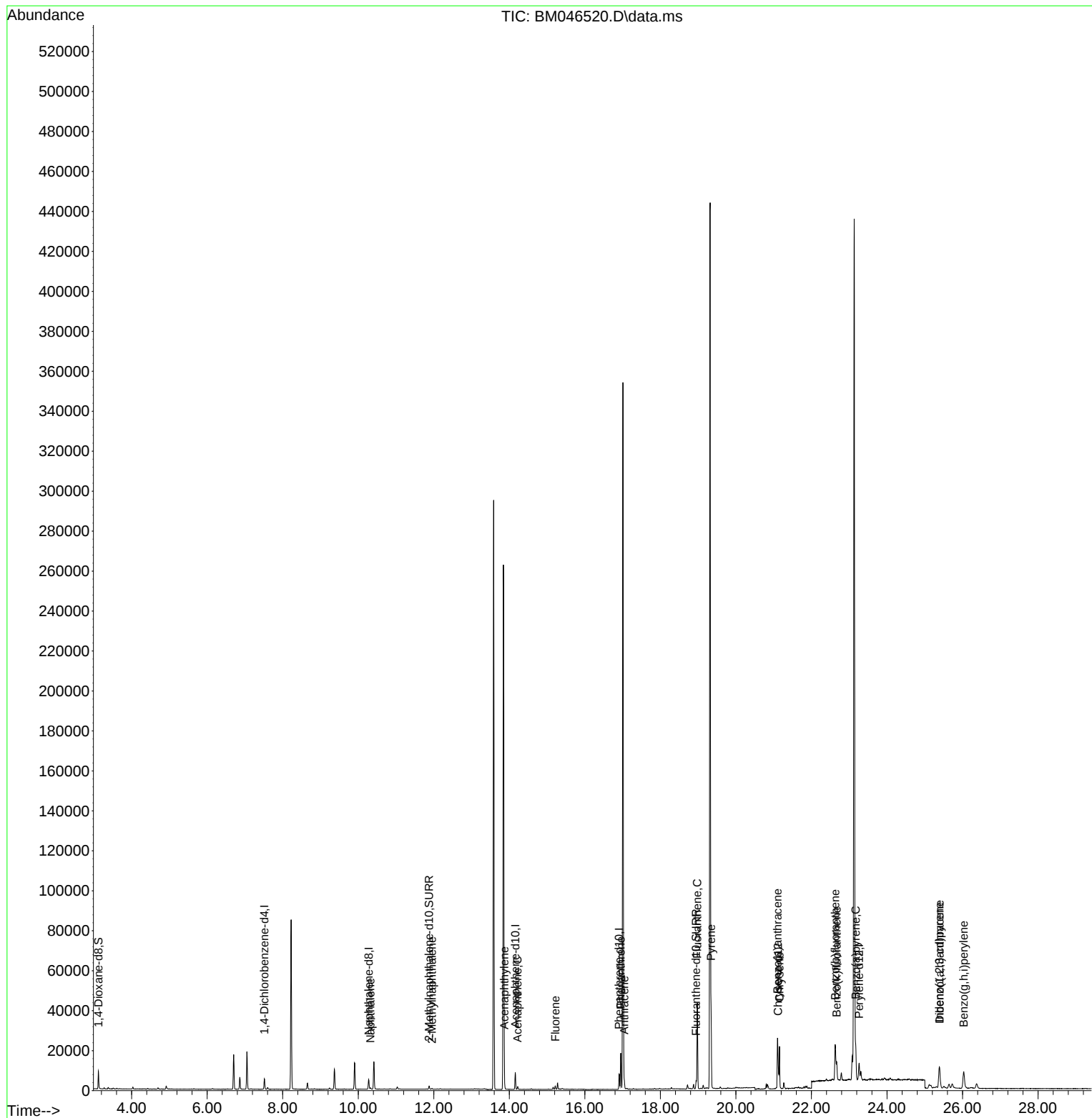
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
Data File : BM046520.D
Acq On : 11 Jul 2024 16:37
Operator : MA/JU
Sample : P3035-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

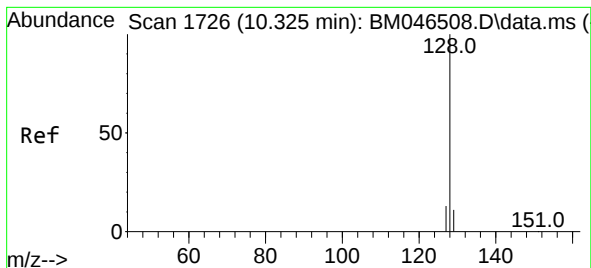
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Supervised By :mohammad ahmed 07/13/2024

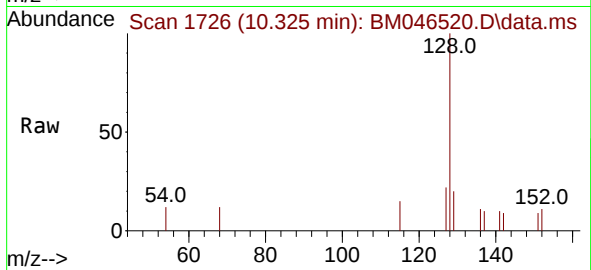
Quant Time: Jul 12 04:22:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:18:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.053 ng/ul
RT: 10.325 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

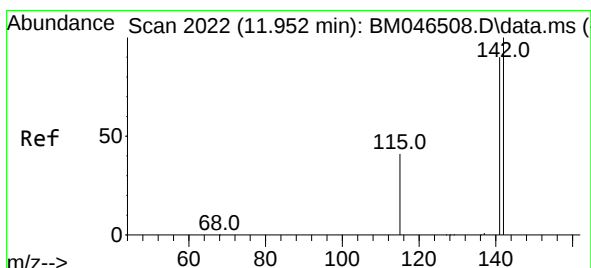
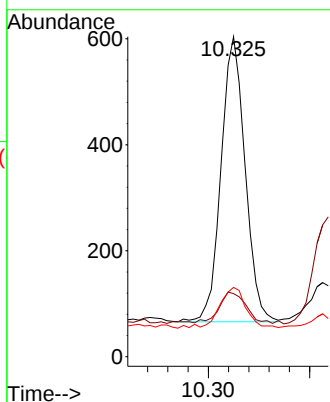
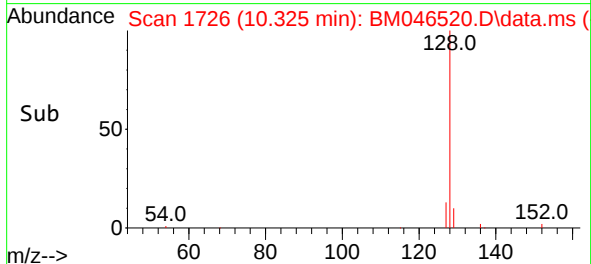
Instrument :
BNA_M
ClientSampleId :
A4B97



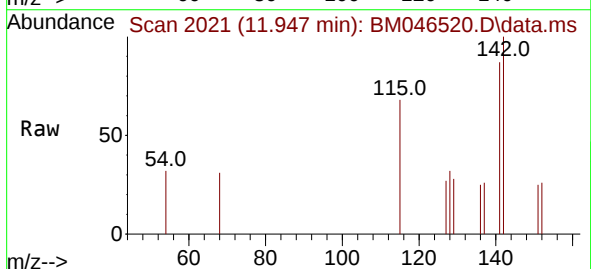
Tgt Ion:128 Resp: 888
Ion Ratio Lower Upper
128 100
129 19.7 10.3 15.5
127 21.7 12.2 18.4

Manual Integrations
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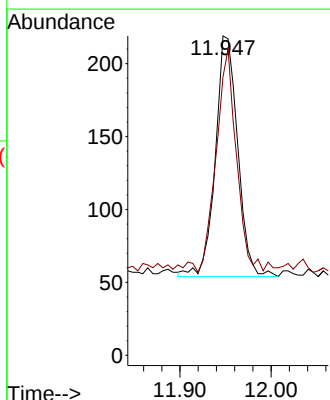
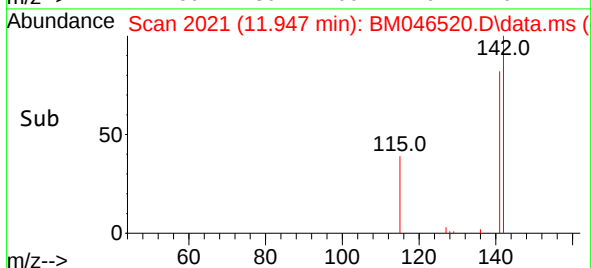
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

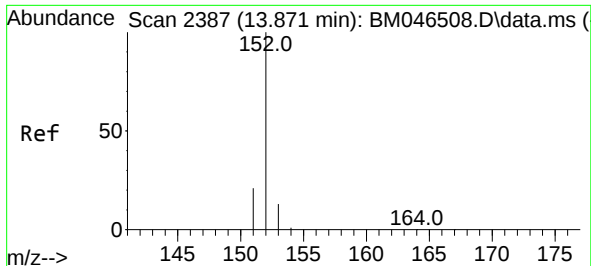


#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 11.947 min Scan# 2021
Delta R.T. -0.005 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37



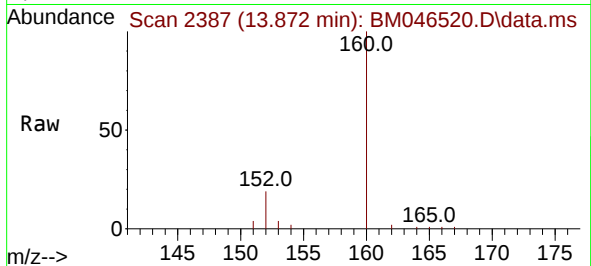
Tgt Ion:142 Resp: 281
Ion Ratio Lower Upper
142 100
141 85.1 70.3 105.5





#10
Acenaphthylene
Concen: 0.088 ng/ul
RT: 13.872 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

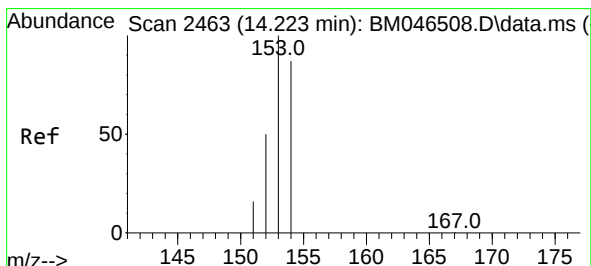
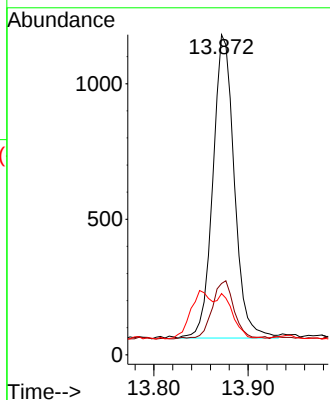
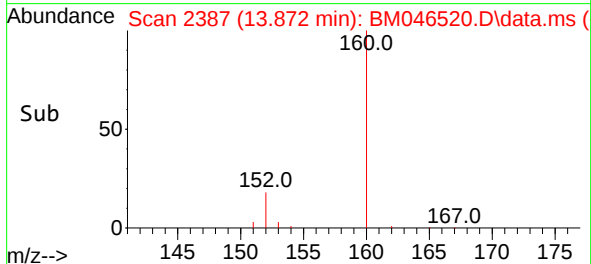
Instrument :
BNA_M
ClientSampleId :
A4B97



Tgt Ion:152 Resp: 176
Ion Ratio Lower Upper
152 100
151 22.3 16.4 24.6
153 19.1 12.4 18.6

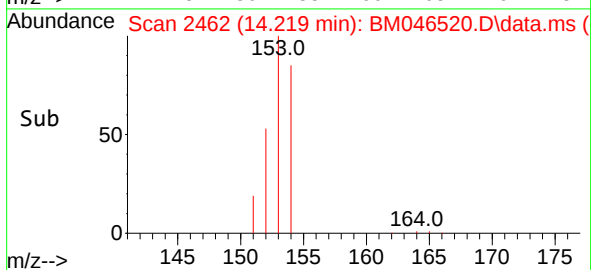
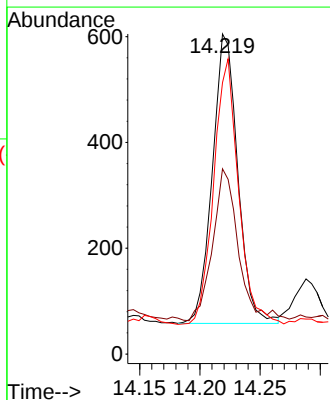
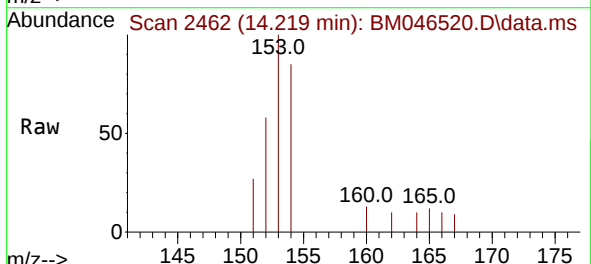
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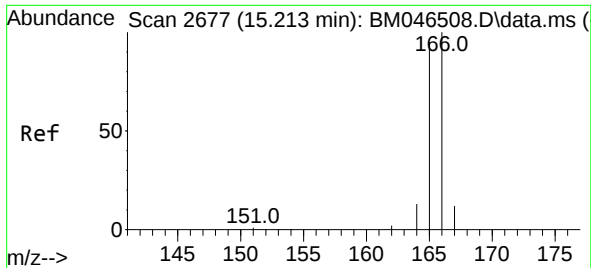
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#11
Acenaphthene
Concen: 0.060 ng/ul
RT: 14.219 min Scan# 2462
Delta R.T. -0.004 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

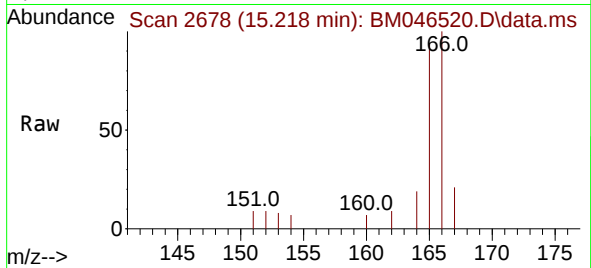
Tgt Ion:153 Resp: 800
Ion Ratio Lower Upper
153 100
152 57.9 43.0 64.6
154 84.8 69.9 104.9





#12
Fluorene
Concen: 0.063 ng/u1
RT: 15.218 min Scan# 2677
Delta R.T. 0.005 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

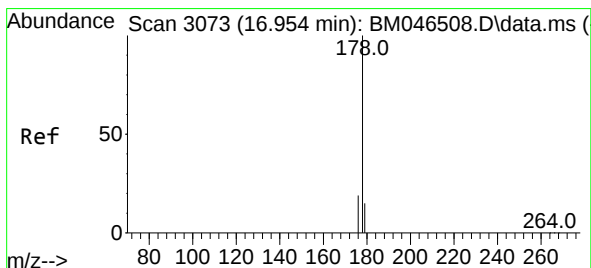
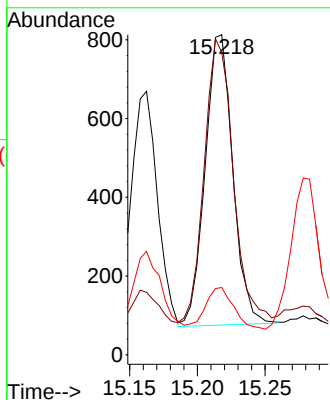
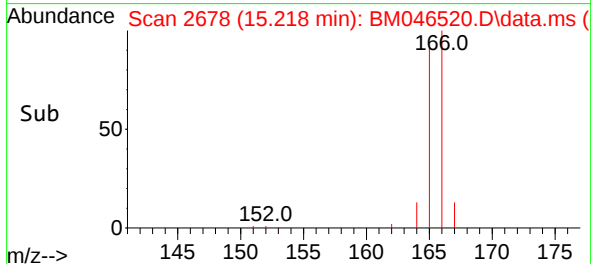
Instrument :
BNA_M
ClientSampleId :
A4B97



Tgt Ion:166 Resp: 1047
Ion Ratio Lower Upper
166 100
165 94.5 76.1 114.1
167 21.0 12.5 18.7

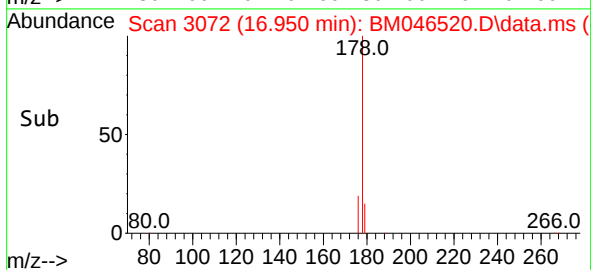
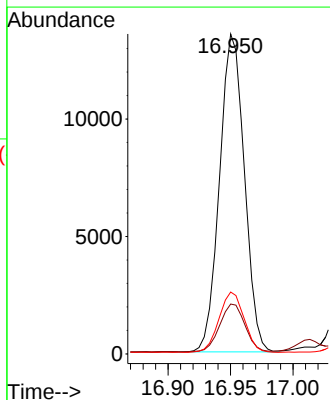
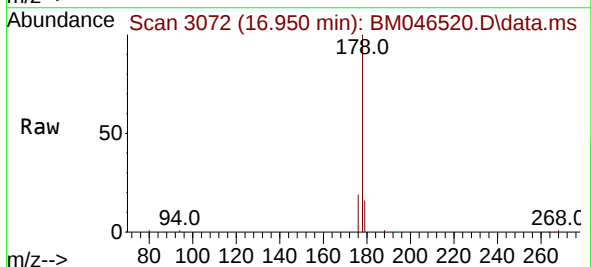
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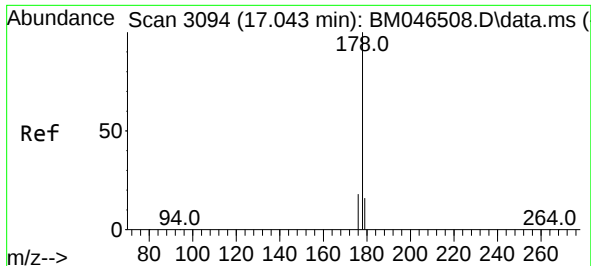
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#15
Phenanthrene
Concen: 0.686 ng/u1
RT: 16.950 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

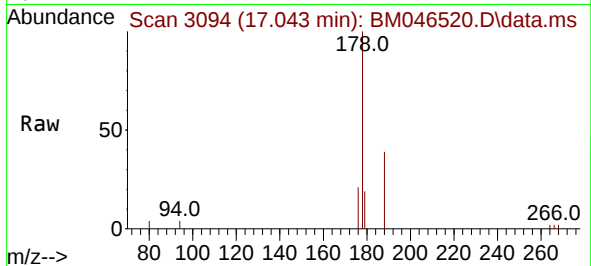
Tgt Ion:178 Resp: 18666
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 19.3 16.0 24.0





#16
Anthracene
Concen: 0.157 ng/ul
RT: 17.043 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

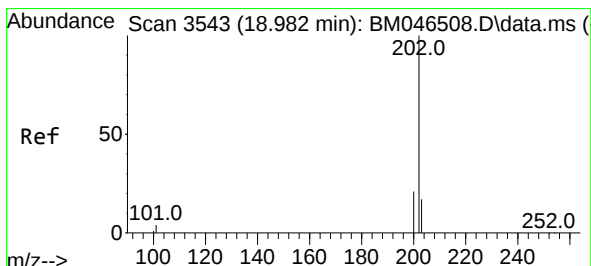
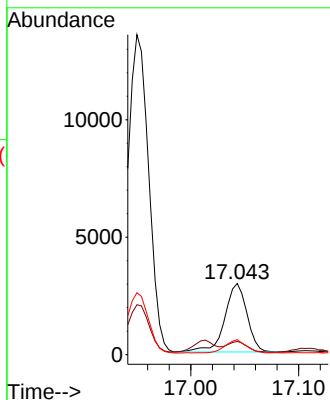
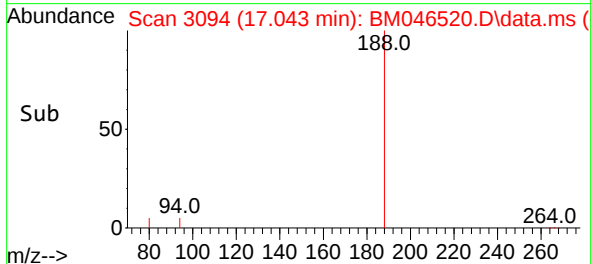
Instrument :
BNA_M
ClientSampleId :
A4B97



Tgt Ion:178 Resp: 4170
Ion Ratio Lower Upper
178 100
179 18.5 13.5 20.3
176 21.1 15.7 23.5

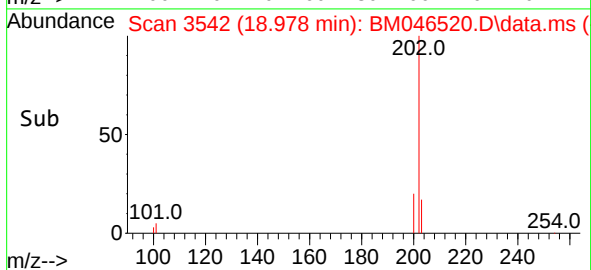
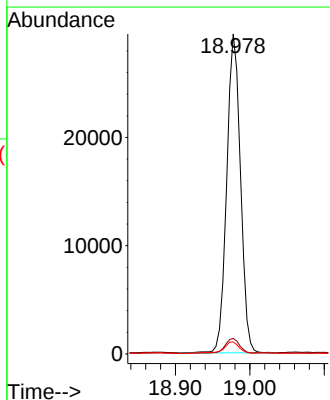
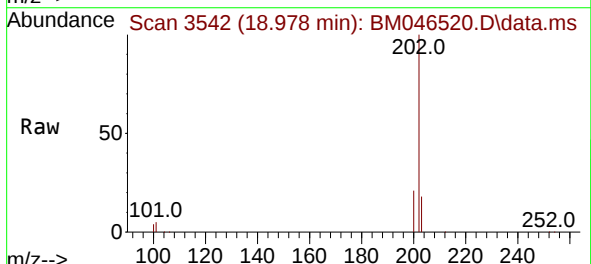
Manual Integrations
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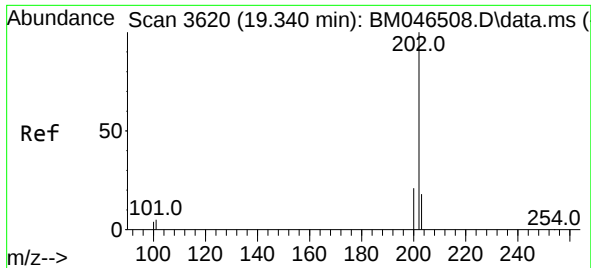
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#19
Fluoranthene
Concen: 1.108 ng/ul
RT: 18.978 min Scan# 3542
Delta R.T. -0.004 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

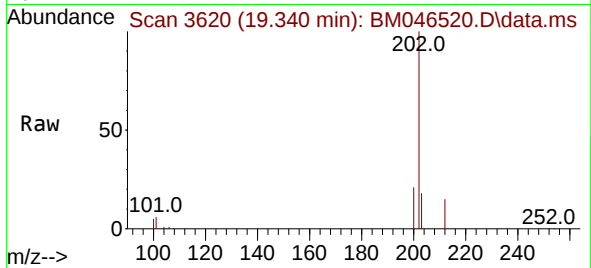
Tgt Ion:202 Resp: 37840
Ion Ratio Lower Upper
202 100
101 4.8 4.6 6.8
100 3.8 3.0 4.6





#20
Pyrene
Concen: 0.945 ng/ul
RT: 19.340 min Scan# 3620
Delta R.T. 0.000 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

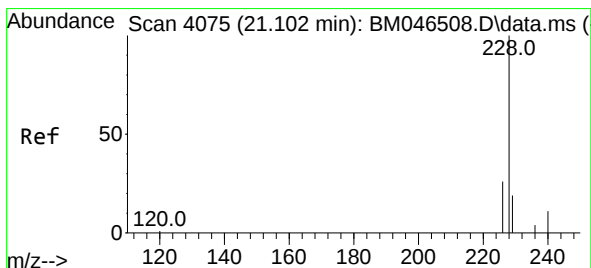
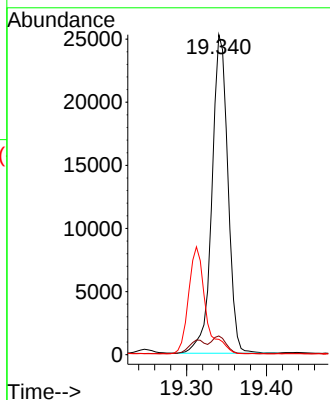
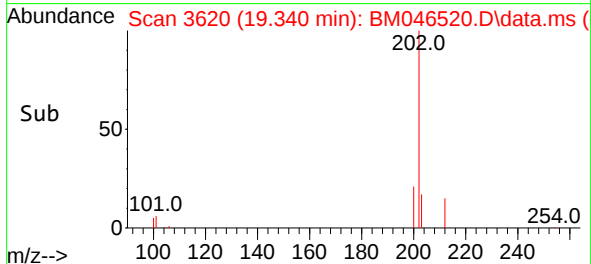
Instrument :
BNA_M
ClientSampleId :
A4B97



Tgt Ion:202 Resp: 3496
Ion Ratio Lower Upper
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101 5.9 5.1 7.7
100 4.8 3.8 5.6

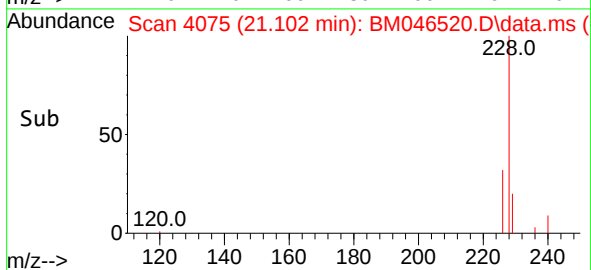
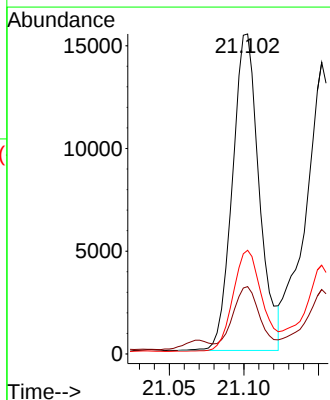
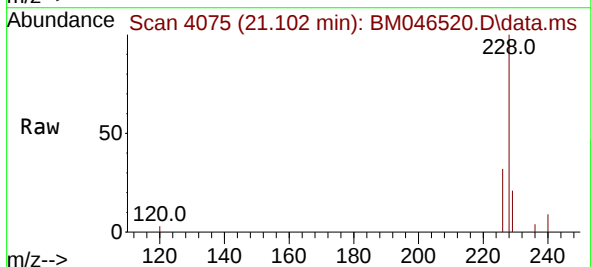
Manual Integrations
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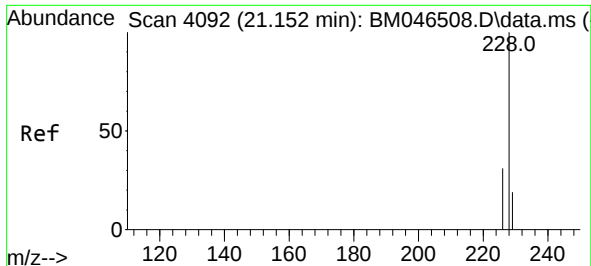
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#21
Benzo(a)anthracene
Concen: 0.524 ng/ul
RT: 21.102 min Scan# 4075
Delta R.T. 0.000 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

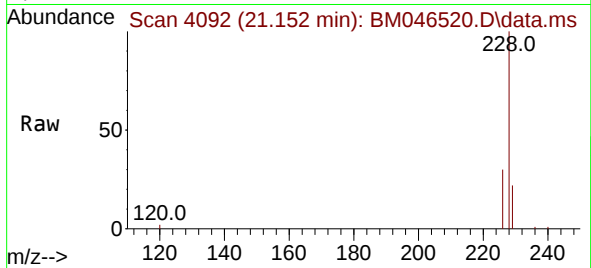
Tgt Ion:228 Resp: 19295
Ion Ratio Lower Upper
228 100
229 21.0 16.5 24.7
226 32.4 22.5 33.7





#22
Chrysene
Concen: 0.543 ng/ul
RT: 21.152 min Scan# 4092
Delta R.T. 0.000 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

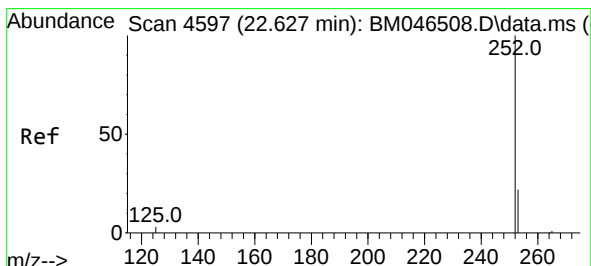
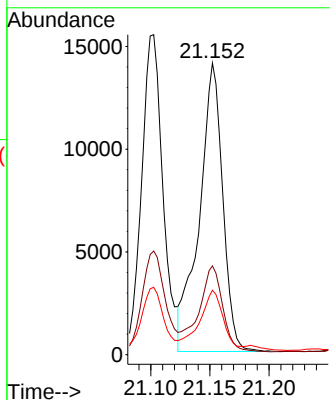
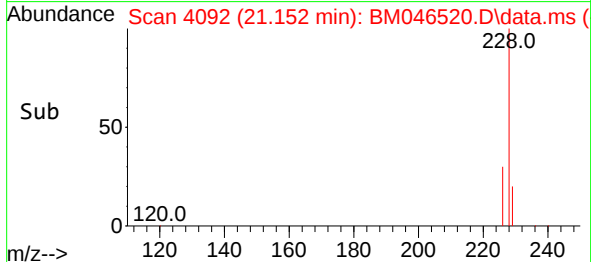
Instrument :
BNA_M
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A4B97



Tgt Ion:228 Resp: 1933
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.1 16.4 24.6

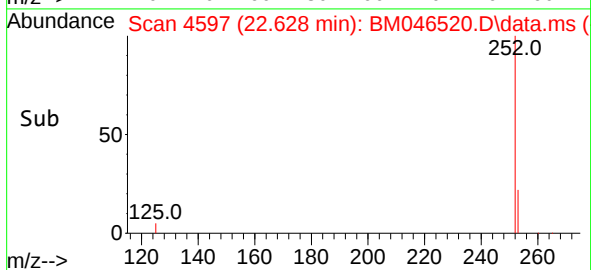
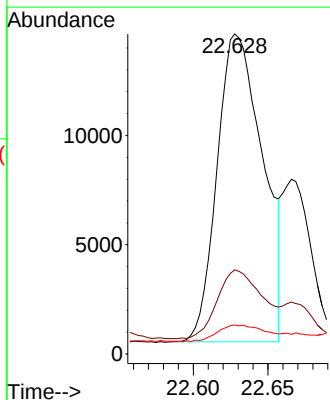
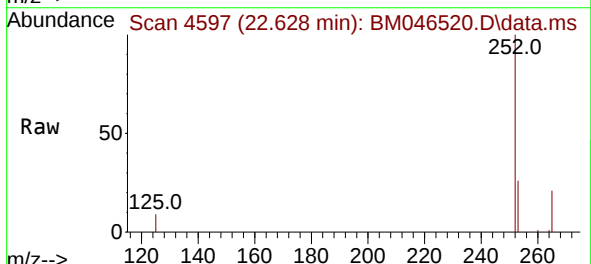
Manual Integrations
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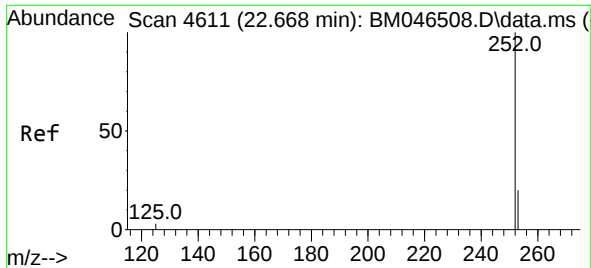
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#24
Benzo(b)fluoranthene
Concen: 0.778 ng/ul m
RT: 22.628 min Scan# 4597
Delta R.T. 0.000 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

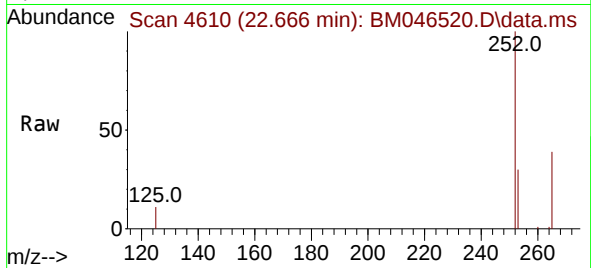
Tgt Ion:252 Resp: 29923
Ion Ratio Lower Upper
252 100
253 26.2 0.0 56.2
125 9.0 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.260 ng/ul m
RT: 22.666 min Scan# 4610
Delta R.T. -0.003 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

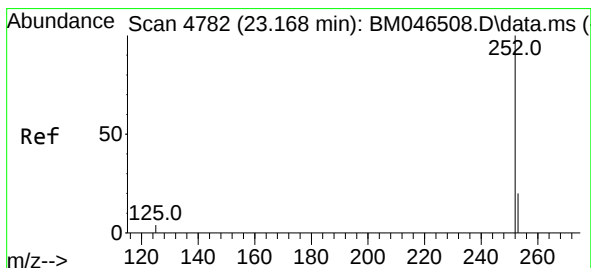
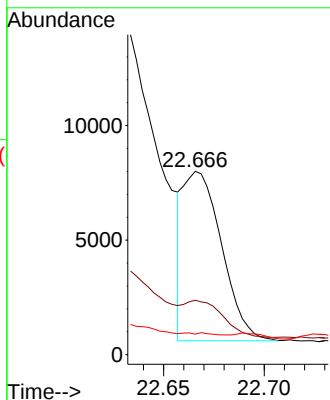
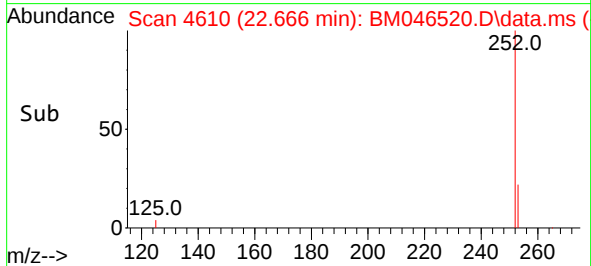
Instrument :
BNA_M
ClientSampleId :
A4B97



Tgt Ion:252 Resp: 9790
Ion Ratio Lower Upper
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253 29.6 22.4 33.6
125 11.2 7.0 10.4

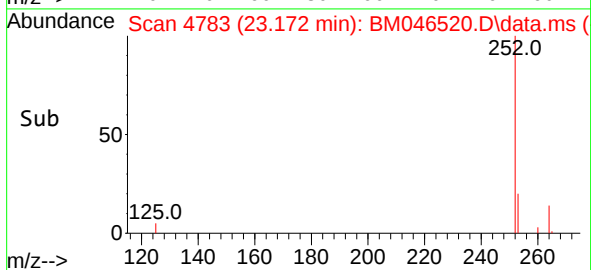
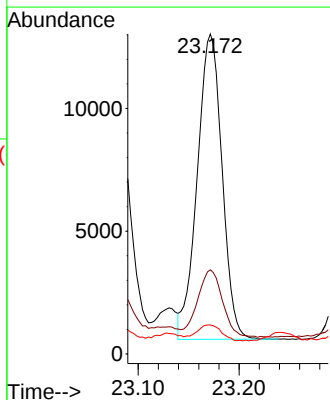
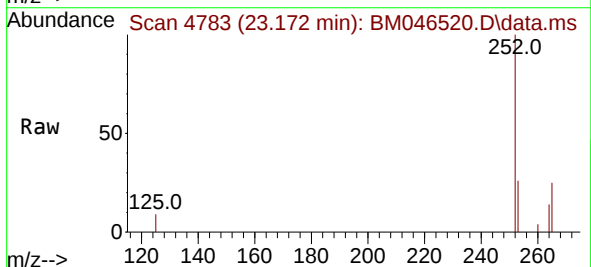
Manual Integrations
APPROVED

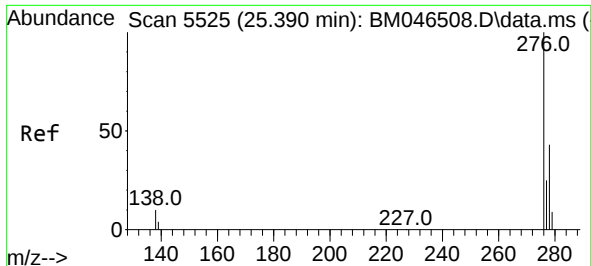
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#26
Benzo(a)pyrene
Concen: 0.672 ng/ul
RT: 23.172 min Scan# 4783
Delta R.T. 0.003 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

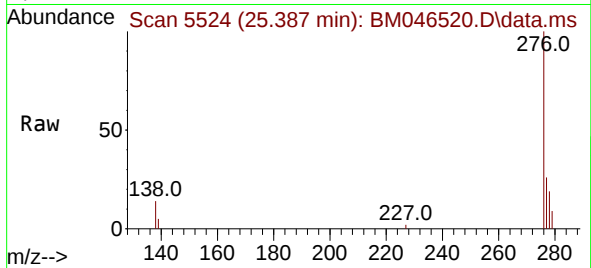
Tgt Ion:252 Resp: 21259
Ion Ratio Lower Upper
252 100
253 26.3 24.0 36.0
125 9.0 8.2 12.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 25.387 min Scan# 5525
Delta R.T. -0.003 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

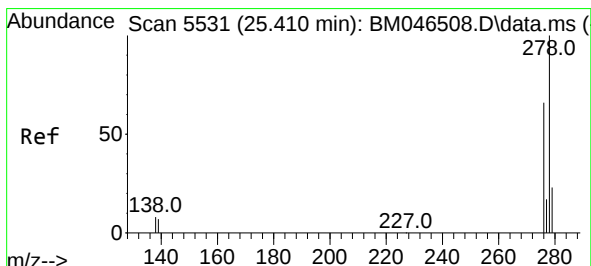
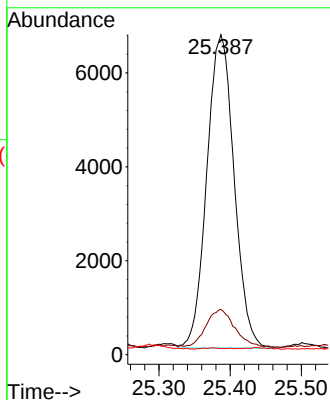
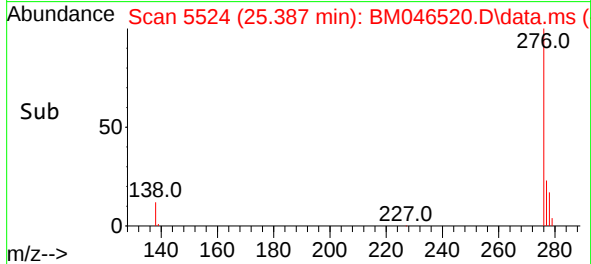
Instrument :
BNA_M
ClientSampleId :
A4B97



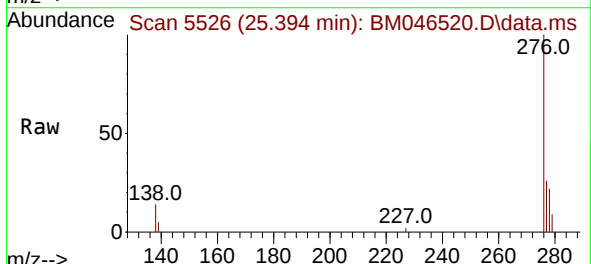
Tgt Ion:276 Resp: 17772
Ion Ratio Lower Upper
276 100
138 12.9 0.0 0.0#
227 0.2 0.2 0.2

Manual Integrations
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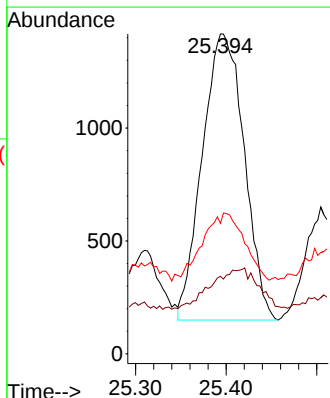
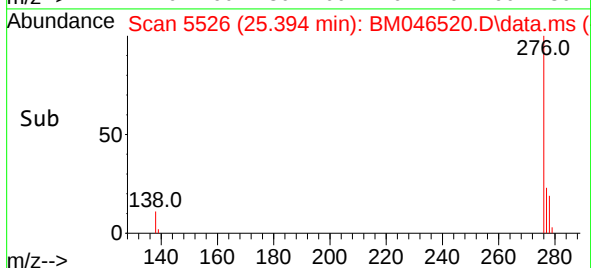
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

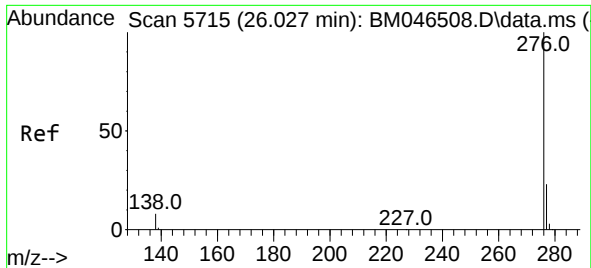


#28
Dibenzo(a,h)anthracene
Concen: 0.107 ng/ul
RT: 25.394 min Scan# 5526
Delta R.T. -0.017 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37



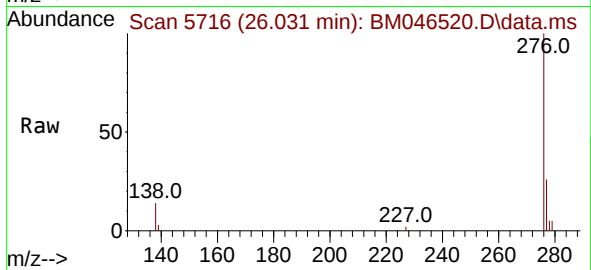
Tgt Ion:278 Resp: 4064
Ion Ratio Lower Upper
278 100
139 24.2 9.1 13.7#
279 40.8 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.457 ng/ul
RT: 26.031 min Scan# 51
Delta R.T. 0.004 min
Lab File: BM046520.D
Acq: 11 Jul 2024 16:37

Instrument :
BNA_M
ClientSampleId :
A4B97



Tgt	Ion:	276	Resp:	1757
Ion	Ratio	Lower	Upper	
276	100			
138	14.1	10.2	15.4	
277	25.8	20.9	31.3	

Manual Integrations
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Supervised By :mohammad ahmed 07/13/2024

