

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046270.D
 Acq On : 25 Jun 2024 01:24
 Operator : MA/JU
 Sample : P2776-12DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 02:28:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	2959	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.204	136	9080	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.061	164	5158	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.802	188	10292	0.400	ng/ul	-0.06
17) Chrysene-d12	21.003	240	8170	0.400	ng/ul	#-0.04
23) Perylene-d12	23.089	264	9479m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	2387	0.588	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.848	152	497	0.041	ng/ul	-0.02
18) Fluoranthene-d10	18.833	212	1190	0.049	ng/ul	-0.05
Target Compounds						
5) Naphthalene	10.259	128	1031	0.041	ng/ul#	67
10) Acenaphthylene	13.784	152	726	0.030	ng/ul#	63
11) Acenaphthene	14.121	153	6949	0.393	ng/ul	99
12) Fluorene	15.125	166	7972	0.421	ng/ul	99
15) Phenanthrene	16.844	178	125131	4.327	ng/ul	96
16) Anthracene	16.937	178	29877	1.387	ng/ul	97
19) Fluoranthene	18.861	202	162307	4.588	ng/ul	97
20) Pyrene	19.224	202	135773	3.549	ng/ul	97
21) Benzo(a)anthracene	20.988	228	56708	1.797	ng/ul	99
22) Chrysene	21.038	228	47758	1.186	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	66046m	1.934	ng/ul	
25) Benzo(k)fluoranthene	22.511	252	28265m	0.696	ng/ul	
26) Benzo(a)pyrene	22.999	252	51224m	1.619	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.135	276	39655	0.766	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.138	278	7317	0.190	ng/ul	98
29) Benzo(g,h,i)perylene	25.756	276	43007	0.968	ng/ul	95

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

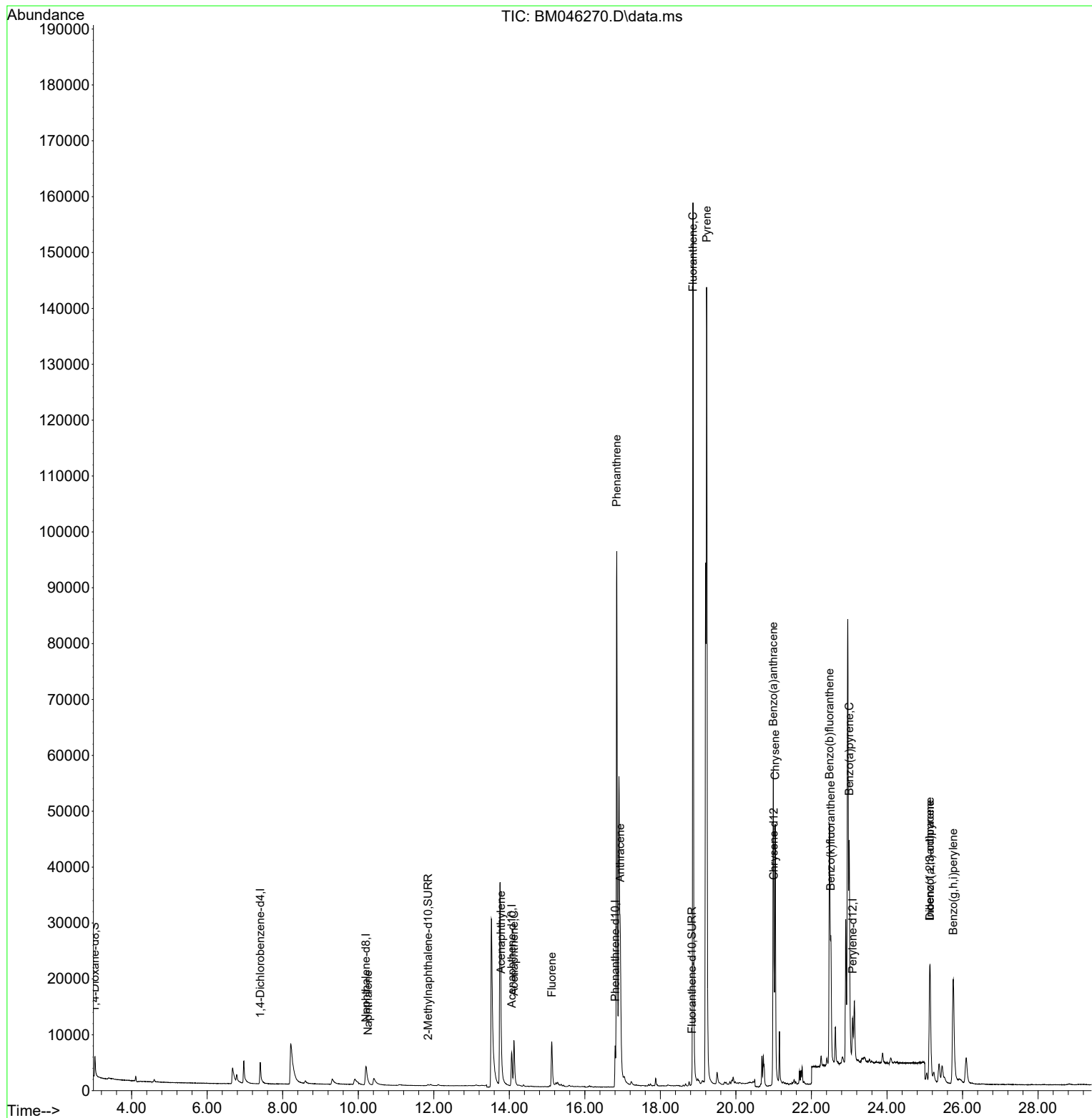
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046270.D
Acq On : 25 Jun 2024 01:24
Operator : MA/JU
Sample : P2776-12DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

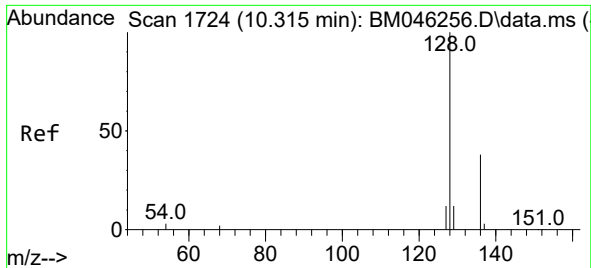
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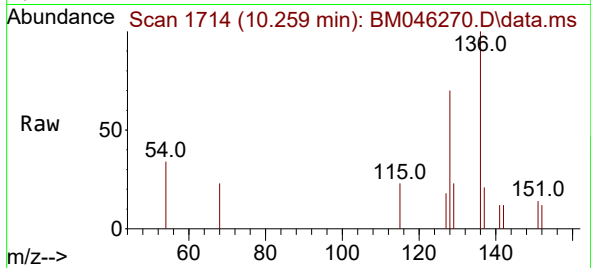
Quant Time: Jun 25 02:28:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.259 min Scan# 1714
Delta R.T. -0.044 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24

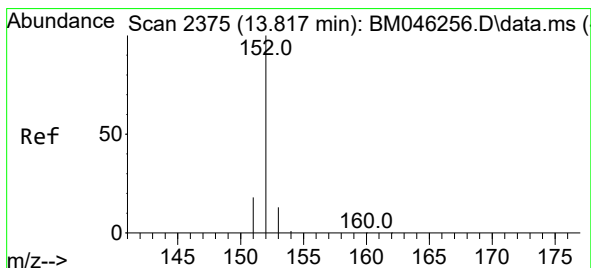
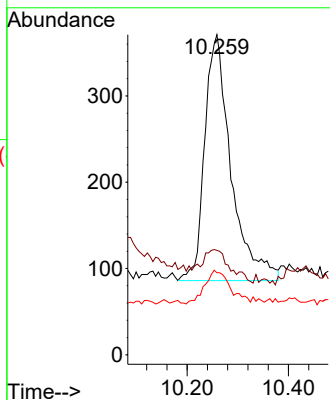
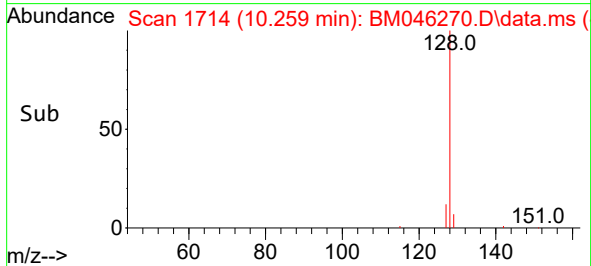
Instrument :
BNA_M
ClientSampleId :
A4CA7DL



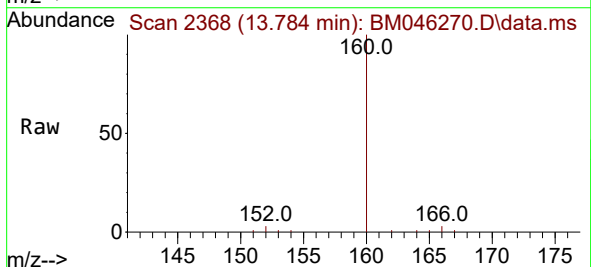
Tgt Ion:128 Resp: 103
Ion Ratio Lower Upper
128 100
129 32.6 11.8 17.6
127 25.6 12.8 19.2

Manual Integrations
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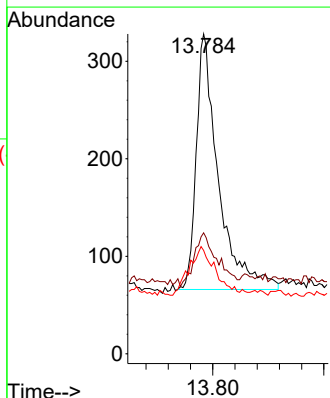
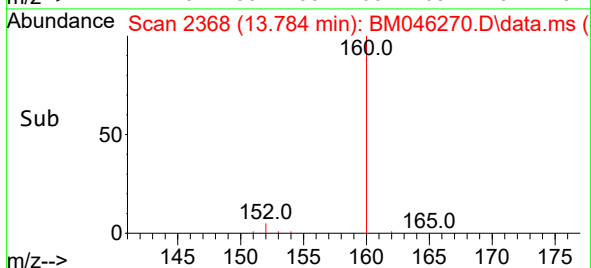
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

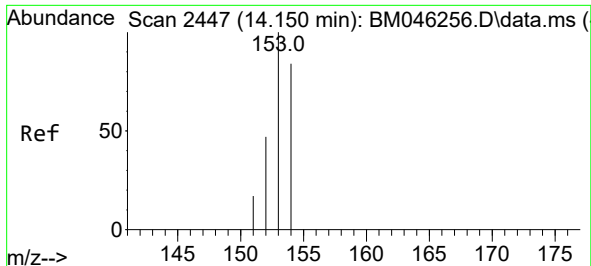


#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 13.784 min Scan# 2368
Delta R.T. -0.051 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24



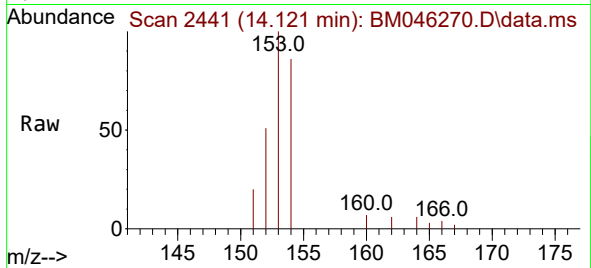
Tgt Ion:152 Resp: 726
Ion Ratio Lower Upper
152 100
151 37.8 17.4 26.2#
153 32.3 11.8 17.8#





#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.121 min Scan# 2441
Delta R.T. -0.051 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24

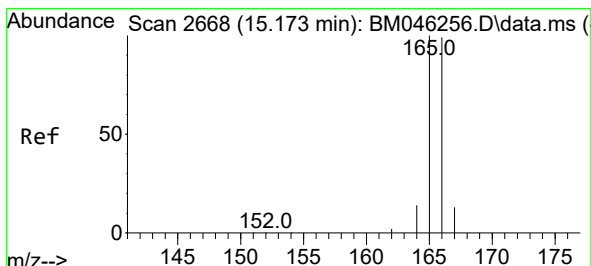
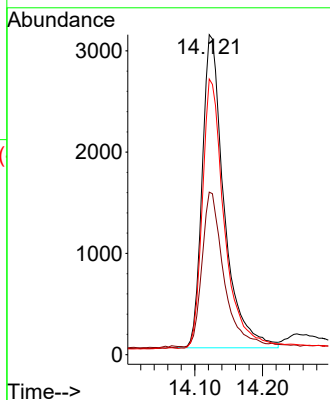
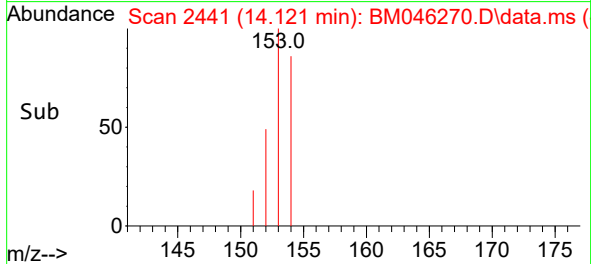
Instrument :
BNA_M
ClientSampleId :
A4CA7DL



Tgt Ion:153 Resp: 6949
Ion Ratio Lower Upper
153 100
152 50.8 41.3 61.9
154 86.2 68.2 102.4

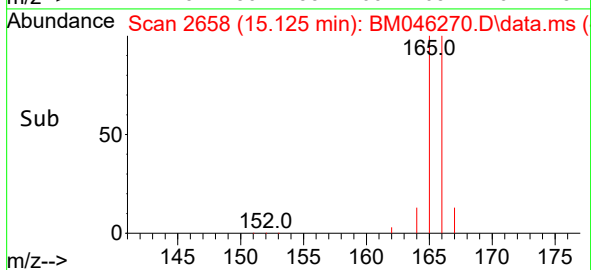
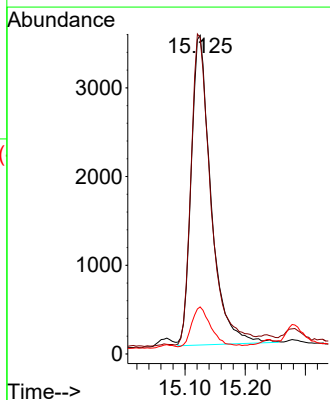
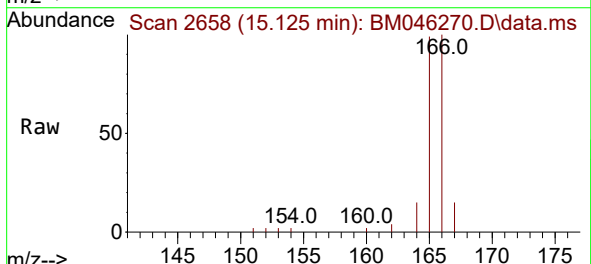
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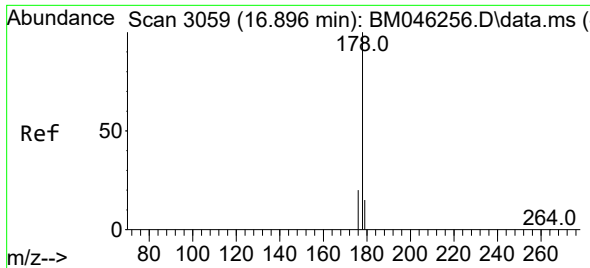
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.421 ng/ul
RT: 15.125 min Scan# 2658
Delta R.T. -0.056 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24

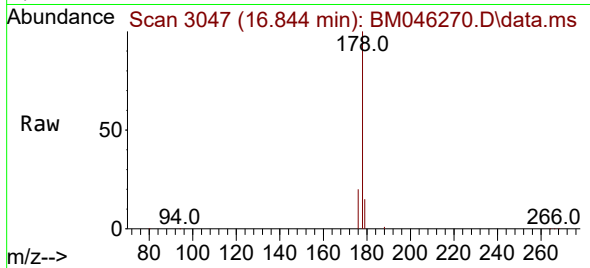
Tgt Ion:166 Resp: 7972
Ion Ratio Lower Upper
166 100
165 99.3 80.4 120.6
167 14.8 12.4 18.6





#15
Phenanthrene
Concen: 4.327 ng/ul
RT: 16.844 min Scan# 3069
Delta R.T. -0.059 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24

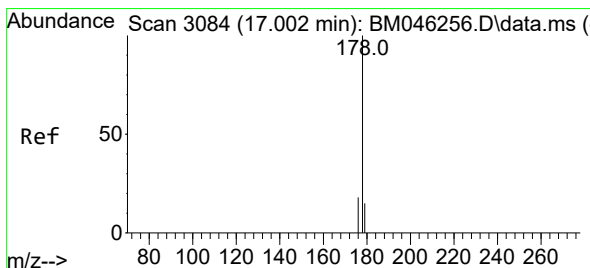
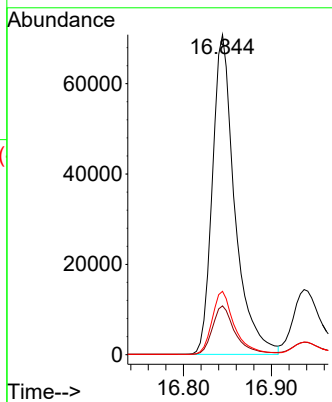
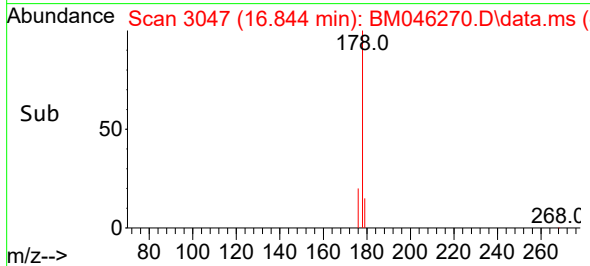
Instrument :
BNA_M
ClientSampleId :
A4CA7DL



Tgt Ion:178 Resp: 12513
Ion Ratio Lower Upper
178 100
179 15.2 14.2 21.2
176 19.8 17.1 25.7

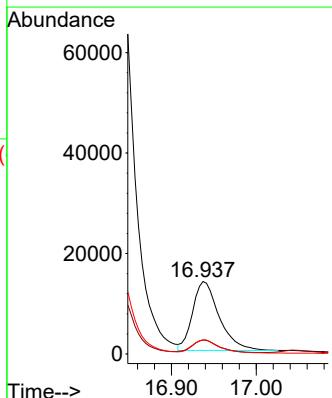
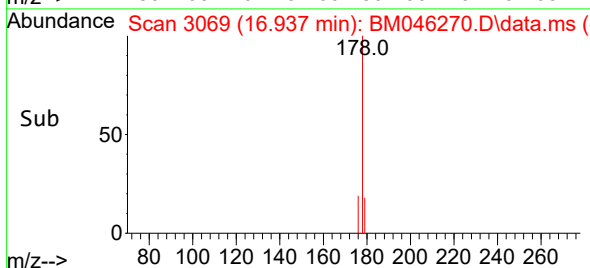
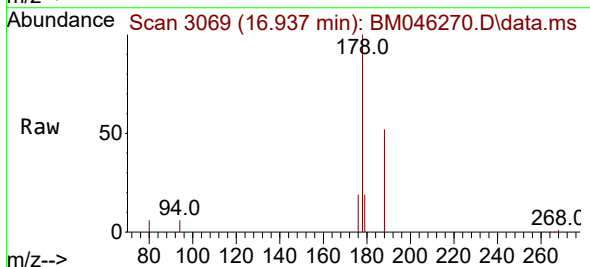
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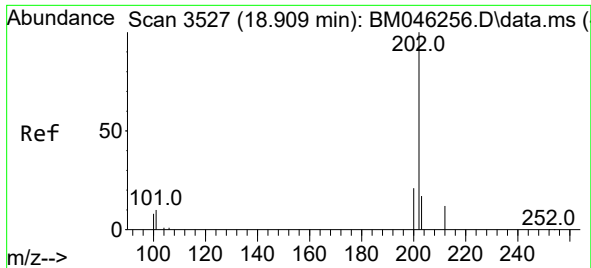
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 1.387 ng/ul
RT: 16.937 min Scan# 3069
Delta R.T. -0.068 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24

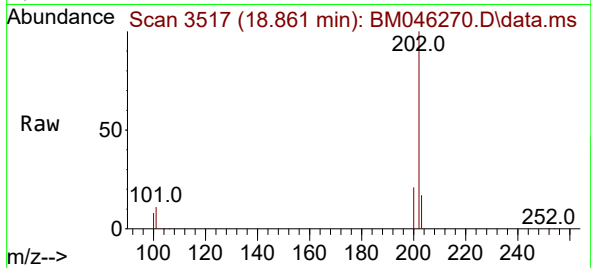
Tgt Ion:178 Resp: 29877
Ion Ratio Lower Upper
178 100
179 19.2 14.9 22.3
176 19.3 17.0 25.4





#19
Fluoranthene
Concen: 4.588 ng/ul
RT: 18.861 min Scan# 317
Delta R.T. -0.056 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24

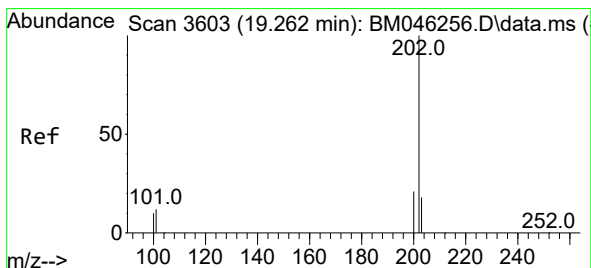
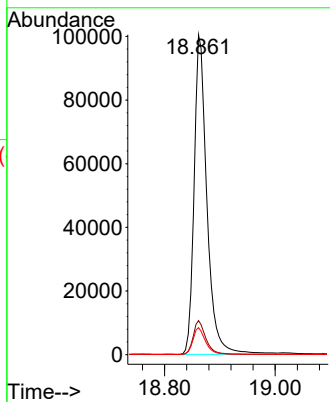
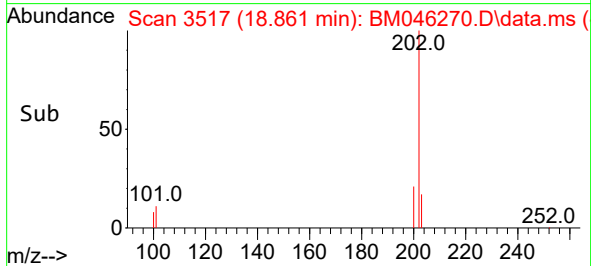
Instrument :
BNA_M
ClientSampleId :
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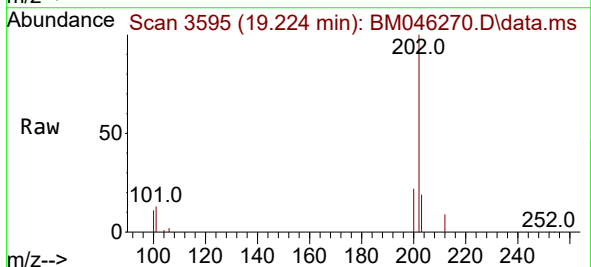
Tgt Ion:202 Resp: 162307
Ion Ratio Lower Upper
202 100
101 10.6 9.6 14.4
100 8.4 7.6 11.4

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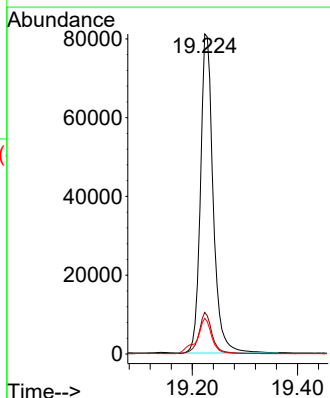
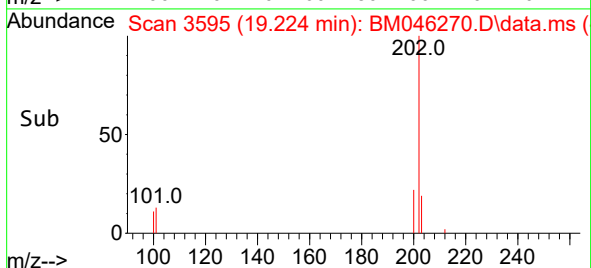
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

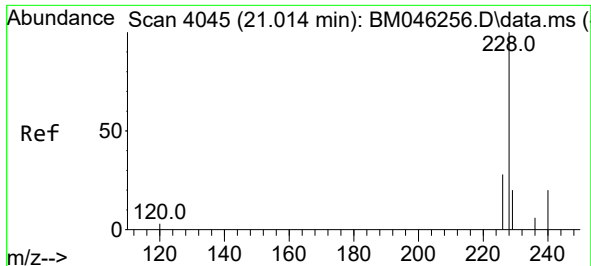


#20
Pyrene
Concen: 3.549 ng/ul
RT: 19.224 min Scan# 3595
Delta R.T. -0.051 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24



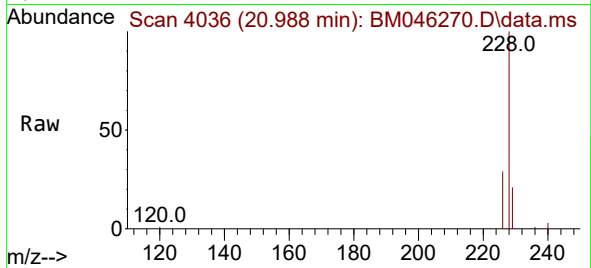
Tgt Ion:202 Resp: 135773
Ion Ratio Lower Upper
202 100
101 13.0 11.3 16.9
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.797 ng/ul
RT: 20.988 min Scan# 4036
Delta R.T. -0.041 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24

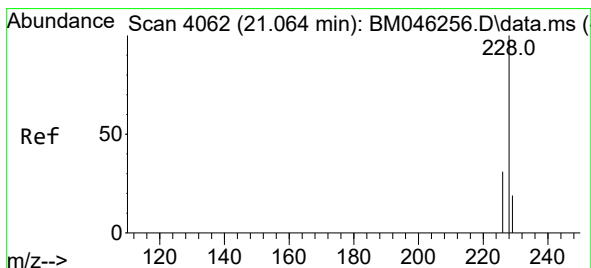
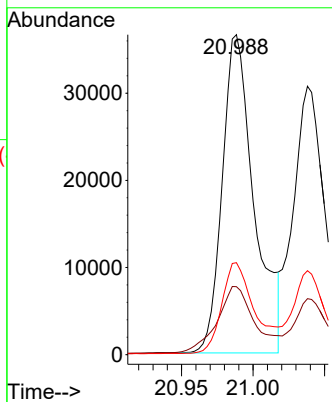
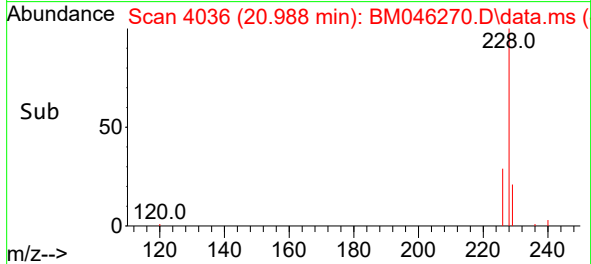
Instrument :
BNA_M
ClientSampleId :
A4CA7DL



Tgt Ion:228 Resp: 56708
Ion Ratio Lower Upper
228 100
229 21.2 16.4 24.6
226 28.7 23.4 35.2

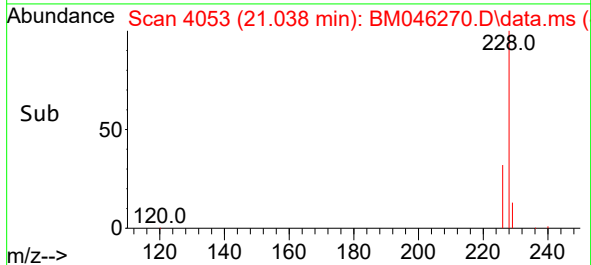
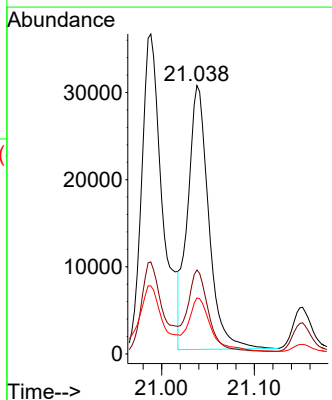
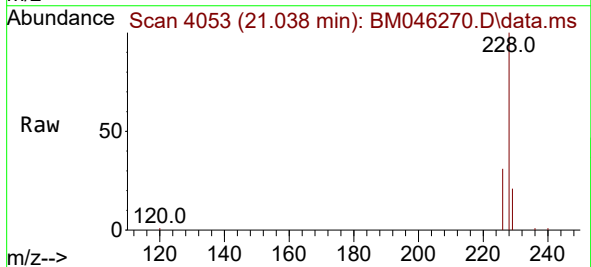
Manual Integrations
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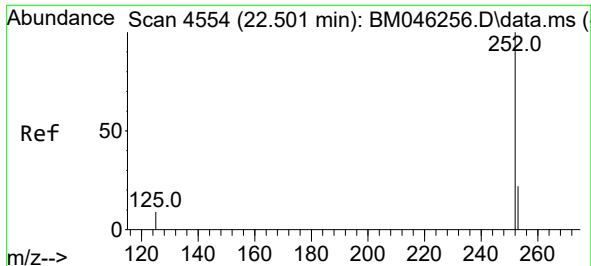
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 1.186 ng/ul
RT: 21.038 min Scan# 4053
Delta R.T. -0.038 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24

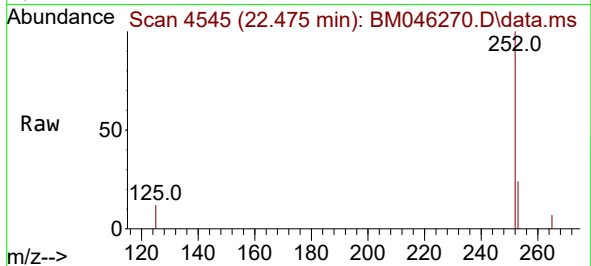
Tgt Ion:228 Resp: 47758
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 20.9 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.934 ng/ul m
RT: 22.475 min Scan# 4545
Delta R.T. -0.044 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24

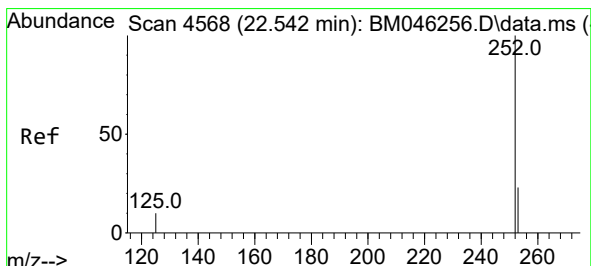
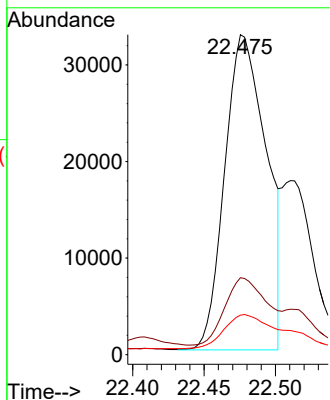
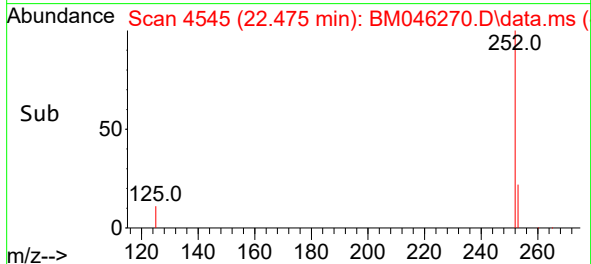
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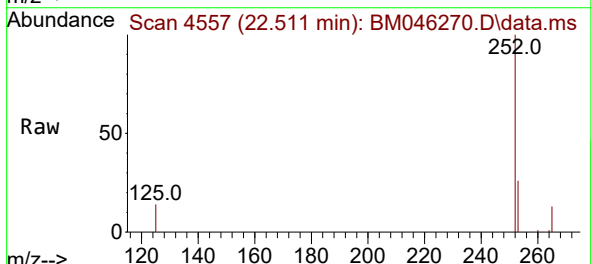
Tgt Ion:252 Resp: 66040
Ion Ratio Lower Upper
252 100
253 24.0 0.0 65.8
125 12.4 0.0 40.2

Manual Integrations
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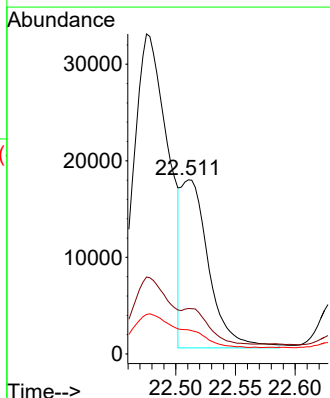
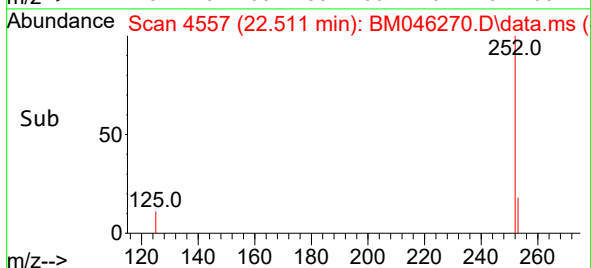
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

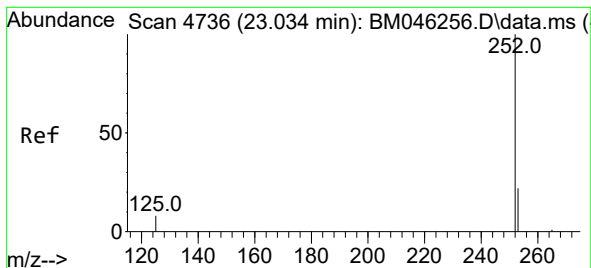


#25
Benzo(k)fluoranthene
Concen: 0.696 ng/ul m
RT: 22.511 min Scan# 4557
Delta R.T. -0.053 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24



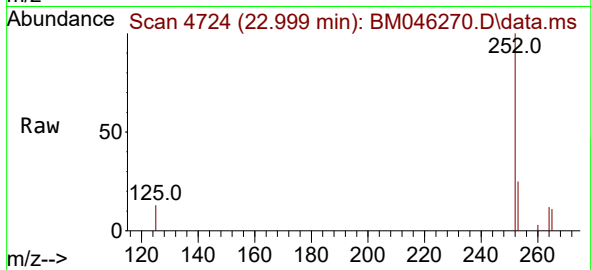
Tgt Ion:252 Resp: 28265
Ion Ratio Lower Upper
252 100
253 26.1 27.2 40.8#
125 13.9 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 1.619 ng/ul m
RT: 22.999 min Scan# 4736
Delta R.T. -0.056 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24

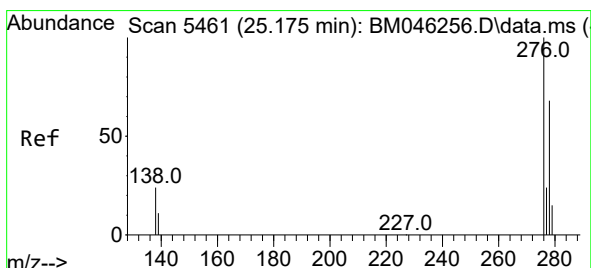
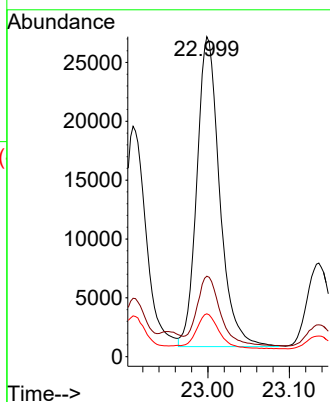
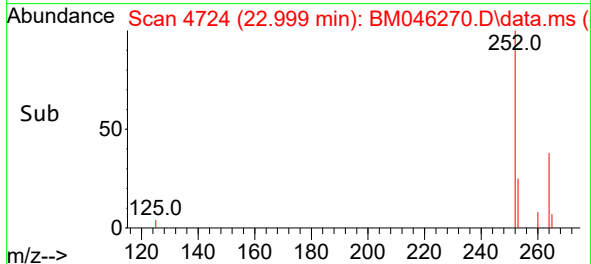
Instrument :
BNA_M
ClientSampleId :
A4CA7DL



Tgt Ion:252 Resp: 51224
Ion Ratio Lower Upper
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125 13.4 21.2 31.8

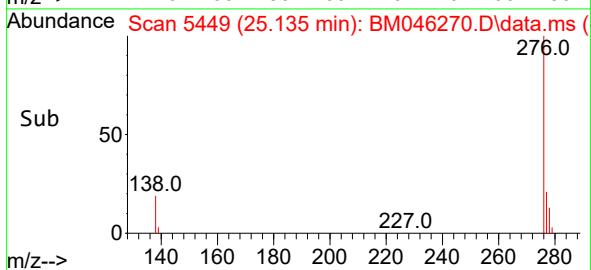
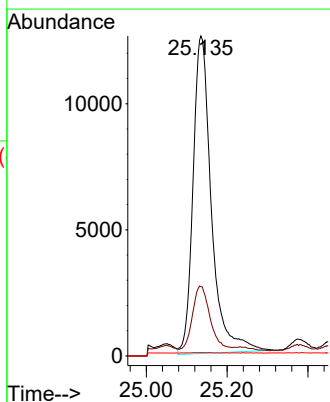
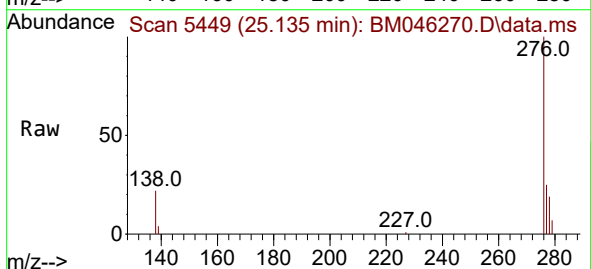
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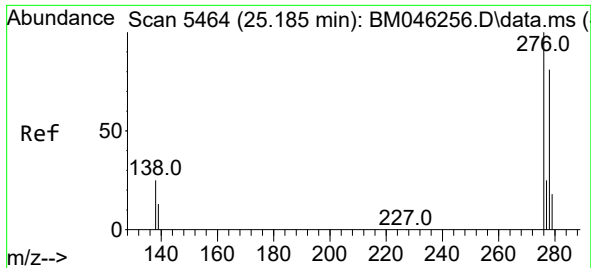
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.766 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.067 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24

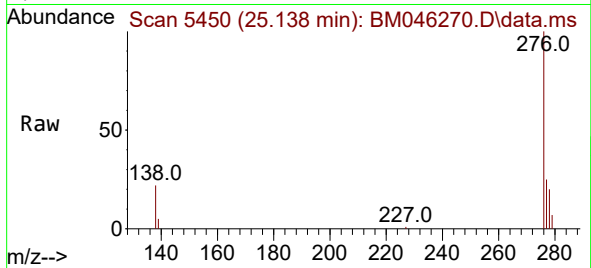
Tgt Ion:276 Resp: 39655
Ion Ratio Lower Upper
276 100
138 23.7 21.0 31.4
227 6.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.190 ng/ul
RT: 25.138 min Scan# 5464
Delta R.T. -0.077 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24

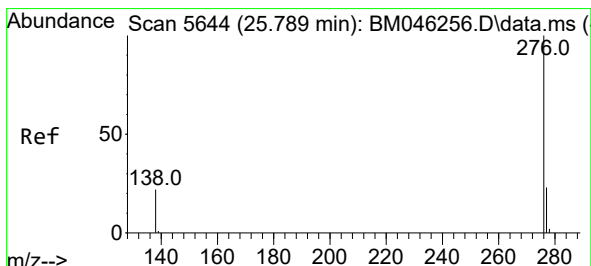
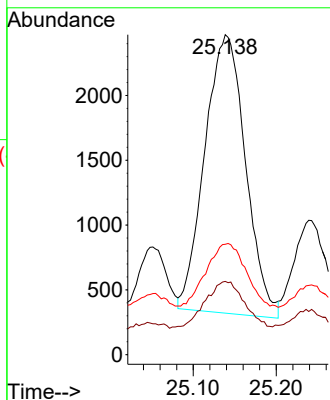
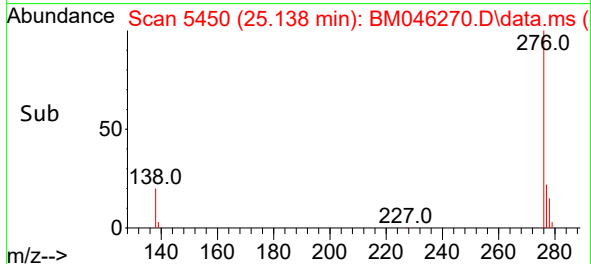
Instrument :
BNA_M
ClientSampleId :
A4CA7DL



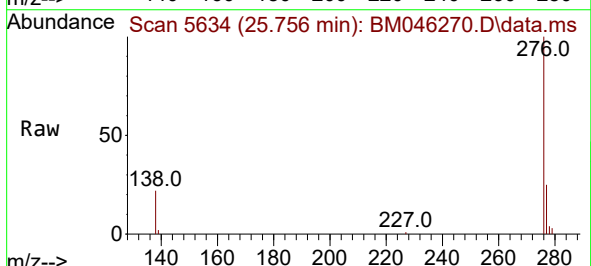
Tgt Ion:278 Resp: 731
Ion Ratio Lower Upper
278 100
139 22.9 17.6 26.4
279 34.5 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.968 ng/ul
RT: 25.756 min Scan# 5634
Delta R.T. -0.074 min
Lab File: BM046270.D
Acq: 25 Jun 2024 01:24



Tgt Ion:276 Resp: 43007
Ion Ratio Lower Upper
276 100
138 22.1 21.7 32.5
277 24.9 20.4 30.6

