

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046148.D
 Acq On : 21 Jun 2024 06:54
 Operator : MA/JU
 Sample : P2710-13DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BM3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 07:34:45 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	2815	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.222	136	7893	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.081	164	4547	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.820	188	9074	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240	7688	0.400	ng/ul	-0.02
23) Perylene-d12	23.110	264	8986m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	3329	0.862	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.860	152	710	0.067	ng/ul	0.00
18) Fluoranthene-d10	18.853	212	1730	0.075	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	492	0.022	ng/ul#	44
10) Acenaphthylene	13.799	152	1233	0.057	ng/ul#	81
11) Acenaphthene	14.141	153	1038	0.067	ng/ul	93
12) Fluorene	15.136	166	1157	0.069	ng/ul#	98
15) Phenanthrene	16.863	178	24408	0.957	ng/ul	96
16) Anthracene	16.955	178	4917	0.259	ng/ul#	95
19) Fluoranthene	18.881	202	54783	1.646	ng/ul	98
20) Pyrene	19.244	202	39780	1.105	ng/ul	96
21) Benzo(a)anthracene	21.003	228	25133	0.846	ng/ul	98
22) Chrysene	21.055	228	24065	0.635	ng/ul	99
24) Benzo(b)fluoranthene	22.493	252	38622m	1.193	ng/ul	
25) Benzo(k)fluoranthene	22.531	252	14420m	0.375	ng/ul	
26) Benzo(a)pyrene	22.931	252	8073	0.269	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.158	276	14265	0.291	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.165	278	4238	0.116	ng/ul#	82
29) Benzo(g,h,i)perylene	25.782	276	2305	0.055	ng/ul#	69

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

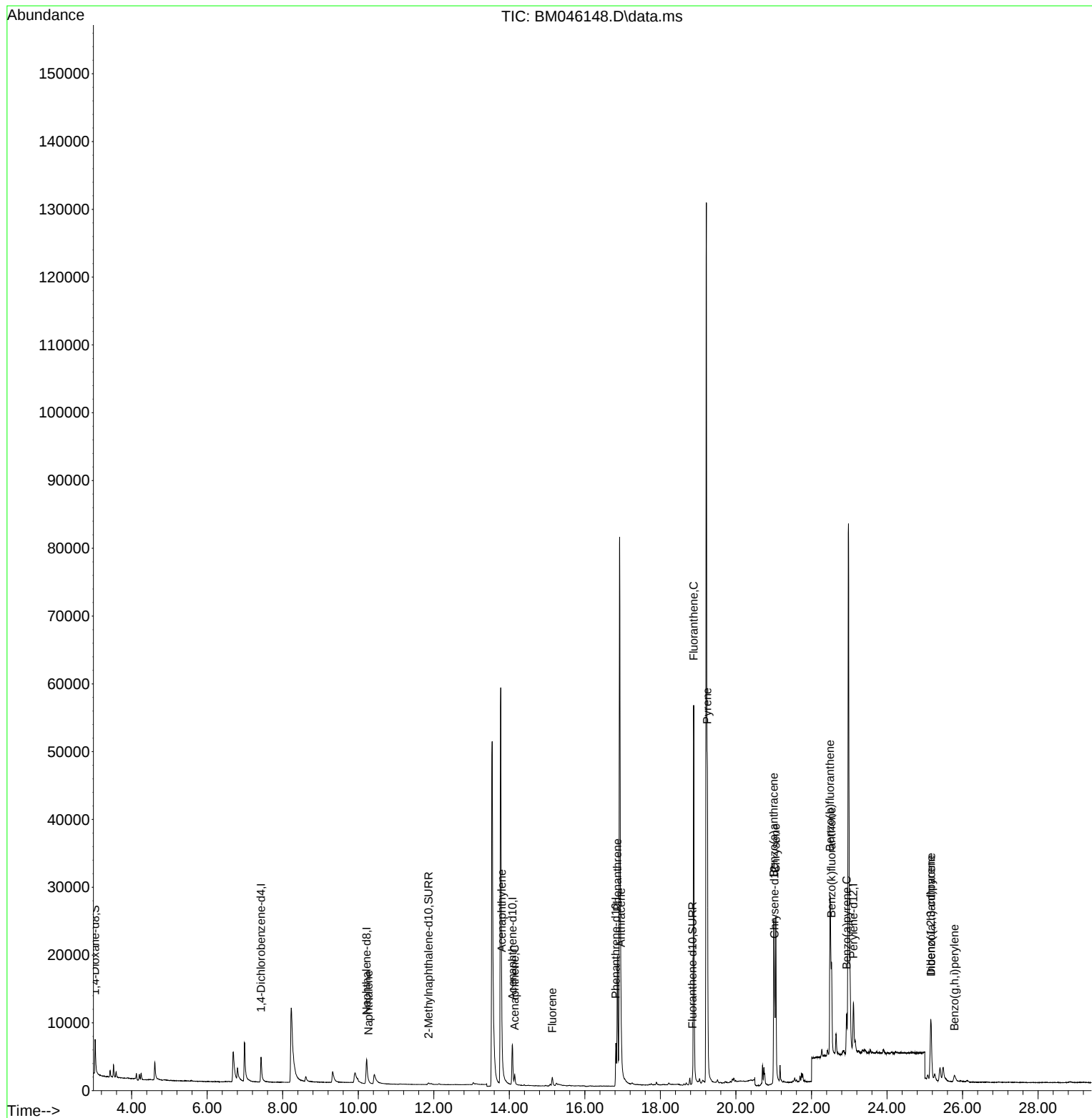
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046148.D
Acq On : 21 Jun 2024 06:54
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ALS Vial : 37 Sample Multiplier: 1

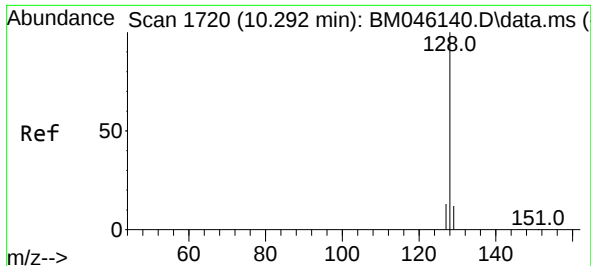
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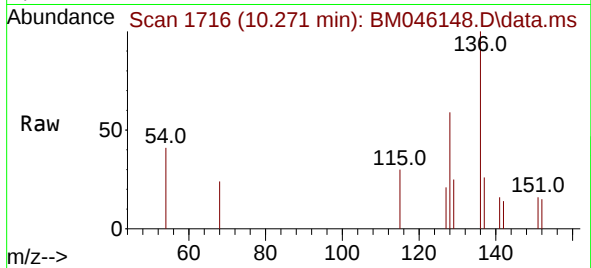
Quant Time: Jun 21 07:34:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.271 min Scan# 1716
Delta R.T. -0.032 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54

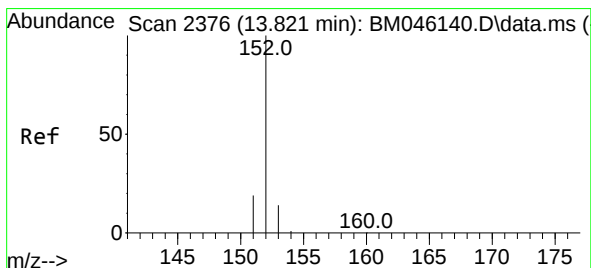
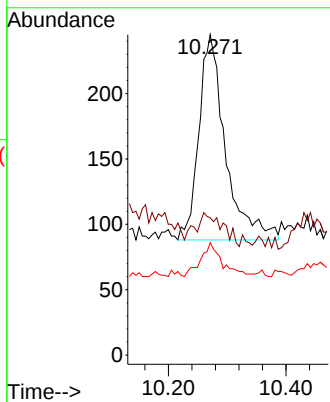
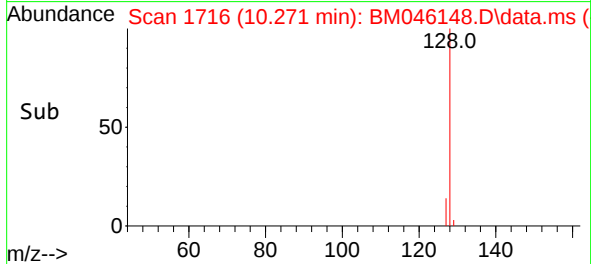
Instrument :
BNA_M
ClientSampleId :
A4BM3DL



Tgt Ion:128 Resp: 492
Ion Ratio Lower Upper
128 100
129 42.9 11.8 17.6#
127 35.1 12.8 19.2#

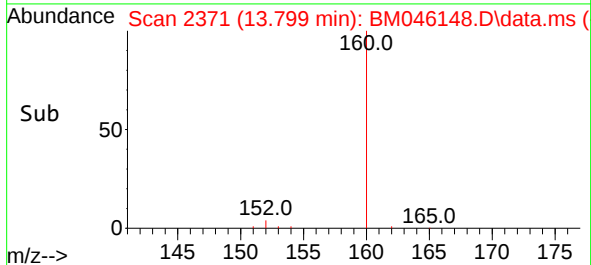
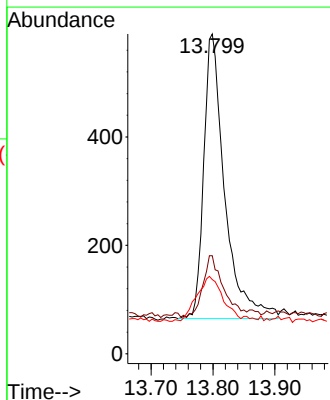
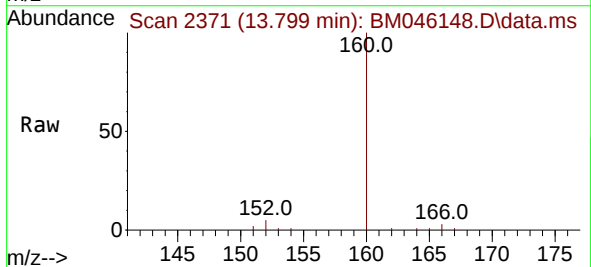
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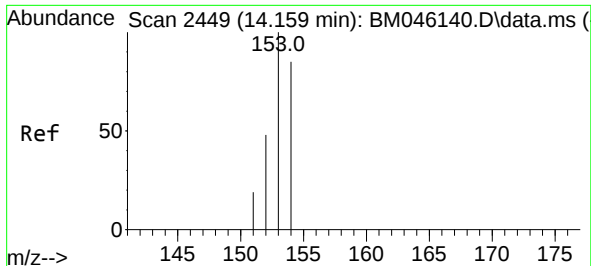
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 13.799 min Scan# 2371
Delta R.T. -0.036 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54

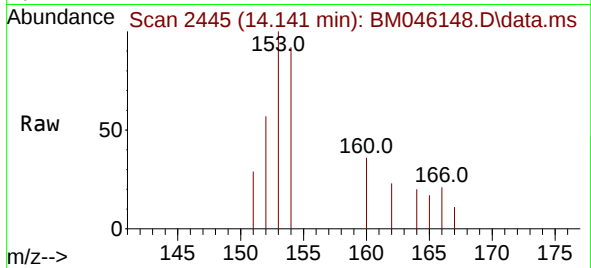
Tgt Ion:152 Resp: 1233
Ion Ratio Lower Upper
152 100
151 30.7 17.4 26.2#
153 23.2 11.8 17.8#





#11
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.141 min Scan# 2445
Delta R.T. -0.031 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54

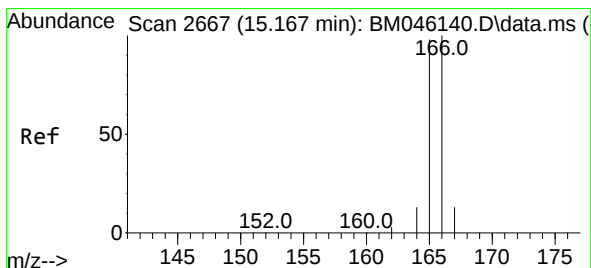
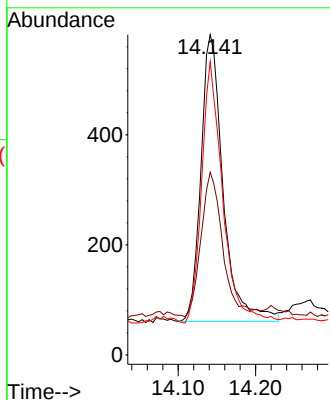
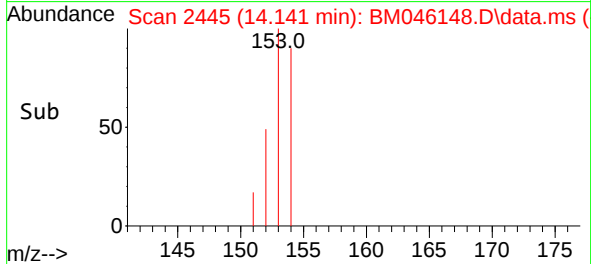
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A4BM3DL



Tgt Ion:153 Resp: 1038
Ion Ratio Lower Upper
153 100
152 57.0 41.3 61.9
154 91.6 68.2 102.4

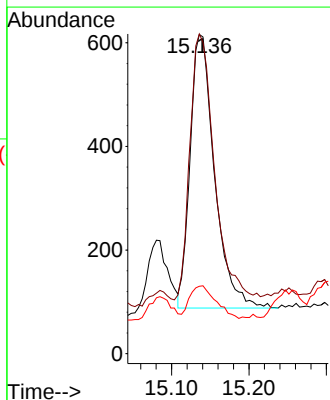
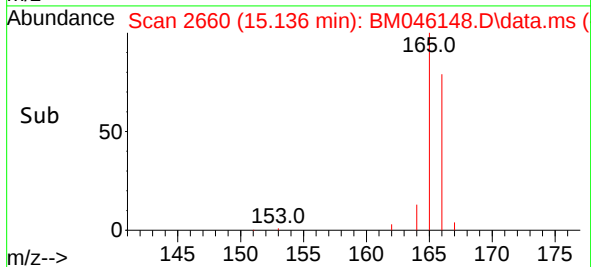
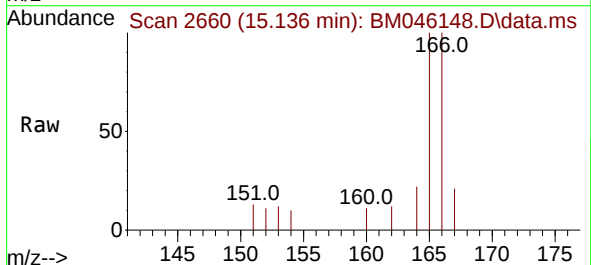
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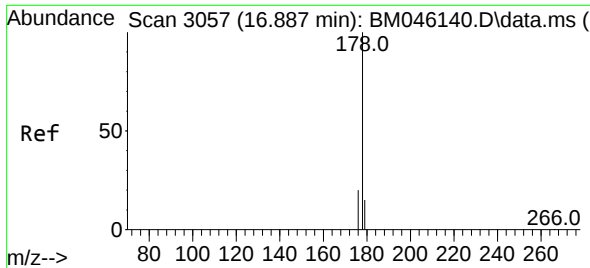
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.069 ng/ul
RT: 15.136 min Scan# 2660
Delta R.T. -0.045 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54

Tgt Ion:166 Resp: 1157
Ion Ratio Lower Upper
166 100
165 100.2 80.4 120.6
167 21.1 12.4 18.6#





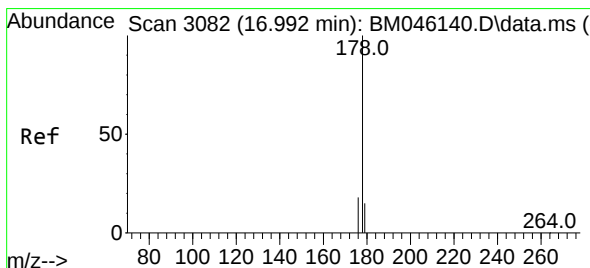
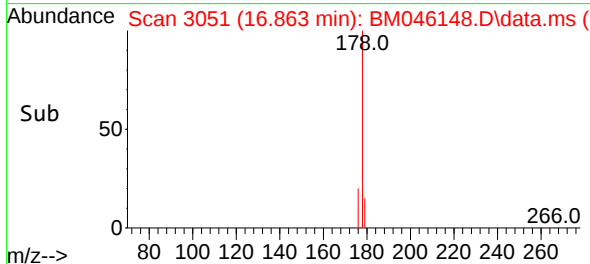
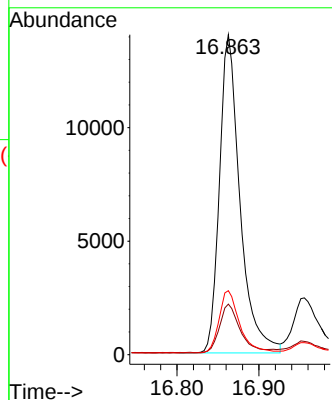
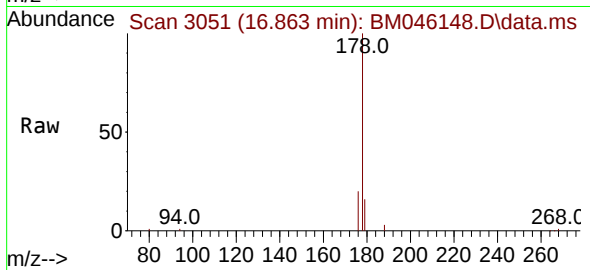
#15
Phenanthrene
Concen: 0.957 ng/u1
RT: 16.863 min Scan# 3051
Delta R.T. -0.041 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54

Instrument :
BNA_M
ClientSampleId :
A4BM3DL

Tgt Ion:178 Resp: 24408
Ion Ratio Lower Upper
178 100
179 15.8 14.2 21.2
176 20.0 17.1 25.7

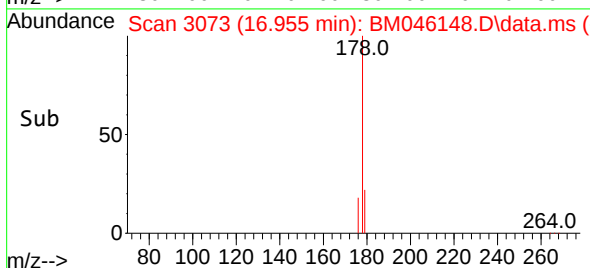
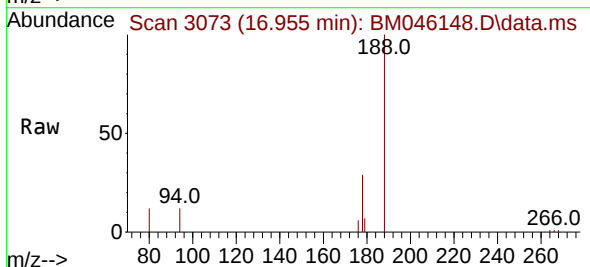
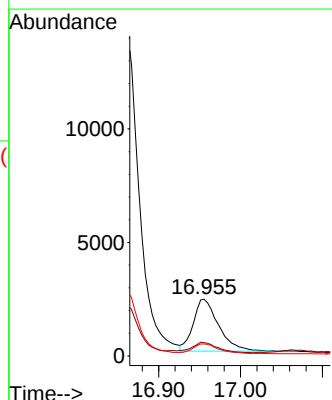
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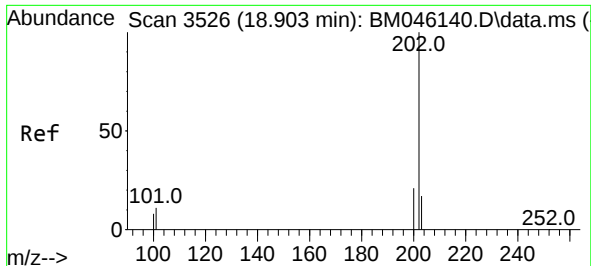
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Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 0.259 ng/u1
RT: 16.955 min Scan# 3073
Delta R.T. -0.049 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54

Tgt Ion:178 Resp: 4917
Ion Ratio Lower Upper
178 100
179 23.5 14.9 22.3#
176 21.3 17.0 25.4





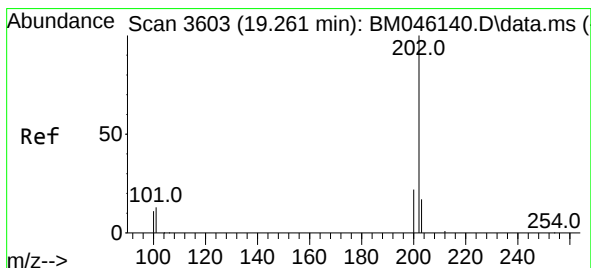
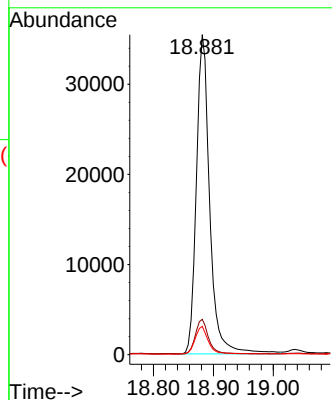
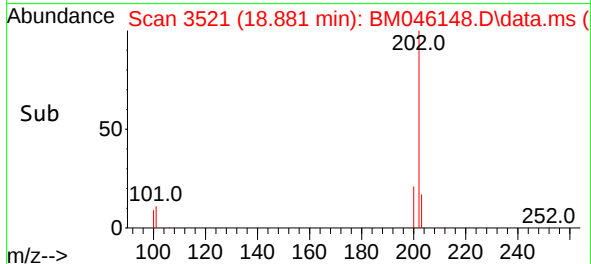
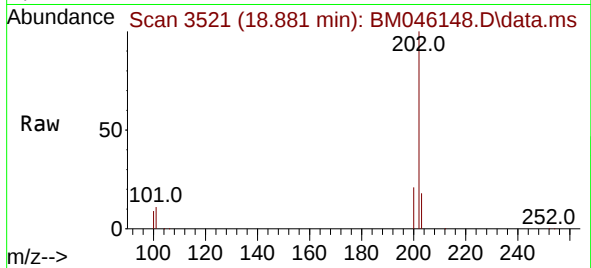
#19
Fluoranthene
Concen: 1.646 ng/u1
RT: 18.881 min Scan# 3521
Delta R.T. -0.036 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54

Instrument :
BNA_M
ClientSampleId :
A4BM3DL

Tgt Ion:202 Resp: 5478
Ion Ratio Lower Upper
202 100
101 11.1 9.6 14.4
100 8.9 7.6 11.4

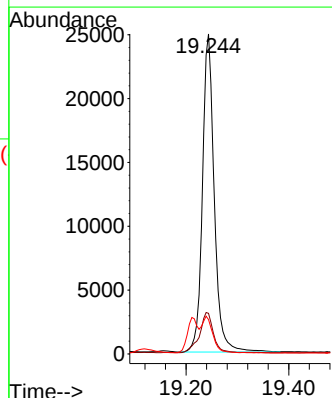
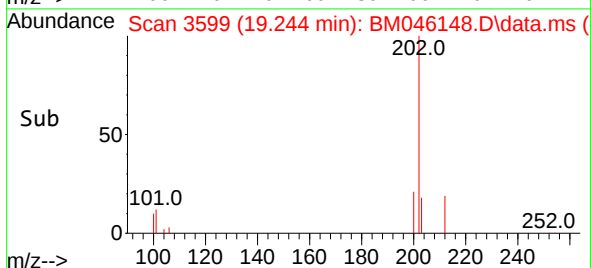
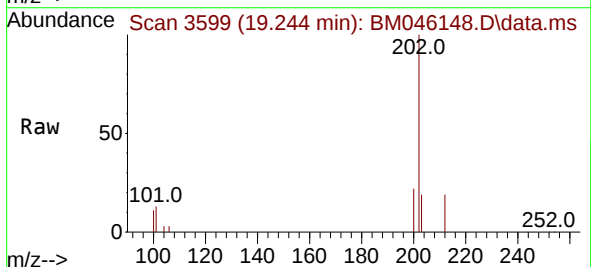
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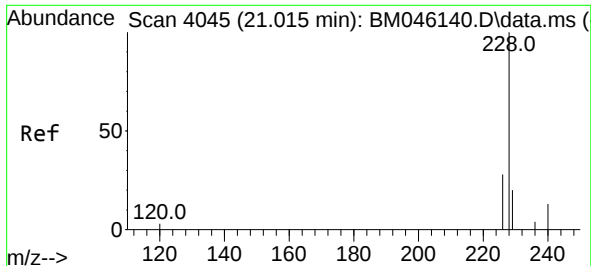
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 1.105 ng/u1
RT: 19.244 min Scan# 3599
Delta R.T. -0.031 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54

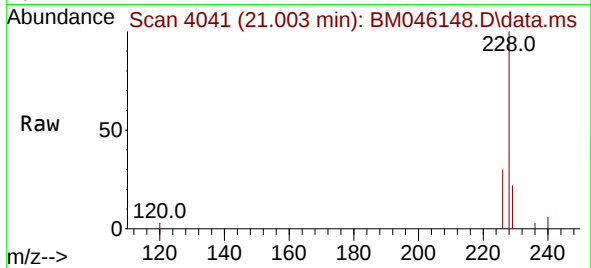
Tgt Ion:202 Resp: 39780
Ion Ratio Lower Upper
202 100
101 12.7 11.3 16.9
100 10.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.846 ng/ul
RT: 21.003 min Scan# 4041
Delta R.T. -0.027 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54

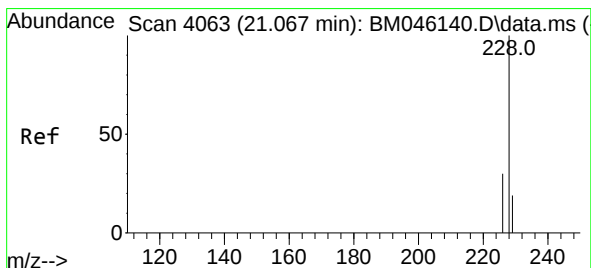
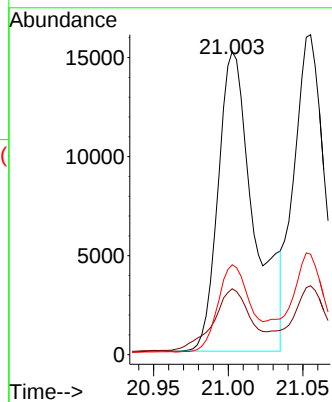
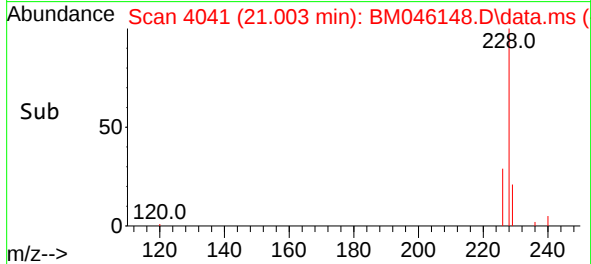
Instrument :
BNA_M
ClientSampleId :
A4BM3DL



Tgt Ion:228 Resp: 2513
Ion Ratio Lower Upper
228 100
229 21.8 16.4 24.6
226 29.7 23.4 35.2

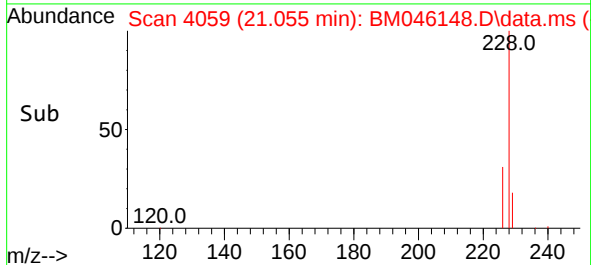
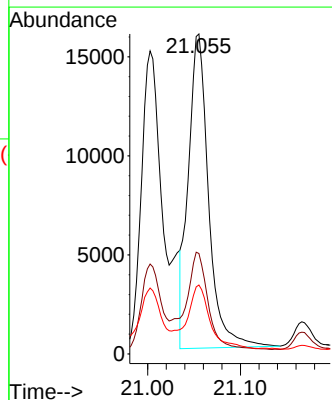
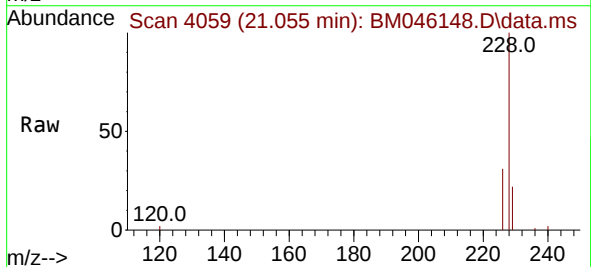
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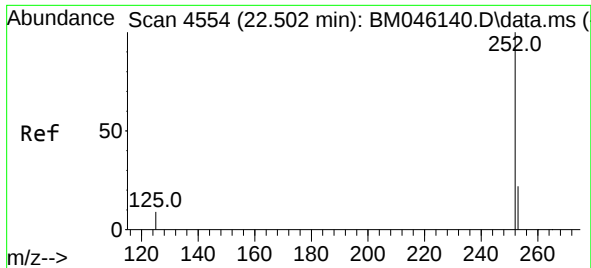
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 0.635 ng/ul
RT: 21.055 min Scan# 4059
Delta R.T. -0.021 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54

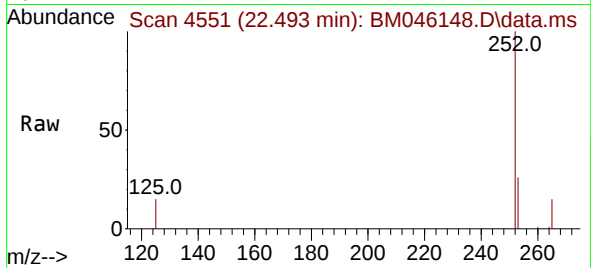
Tgt Ion:228 Resp: 24065
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.5 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.193 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.027 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54

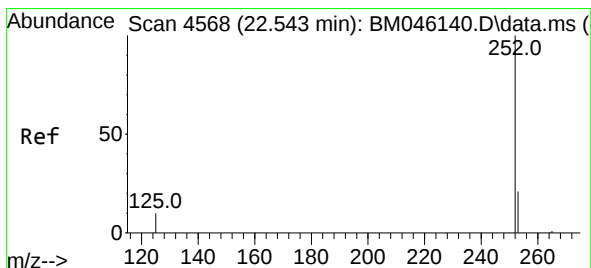
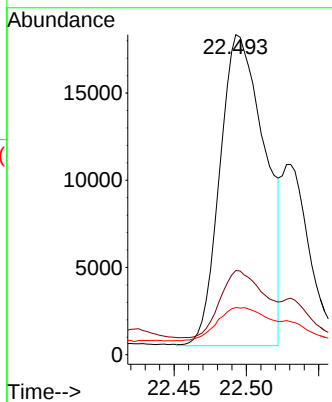
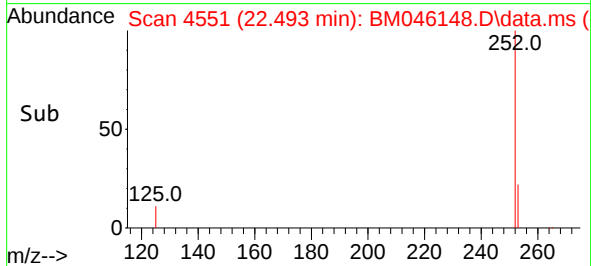
Instrument :
BNA_M
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A4BM3DL



Tgt Ion:252 Resp: 3862
Ion Ratio Lower Upper
252 100
253 26.3 0.0 65.8
125 14.7 0.0 40.2

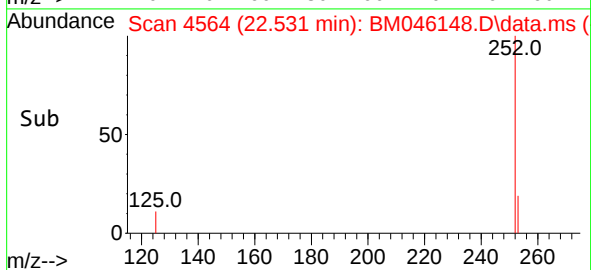
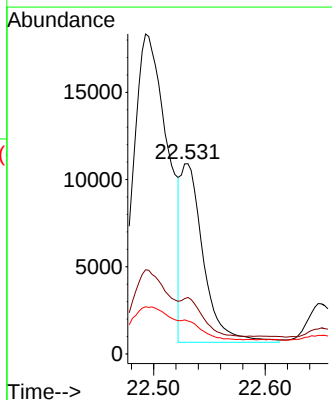
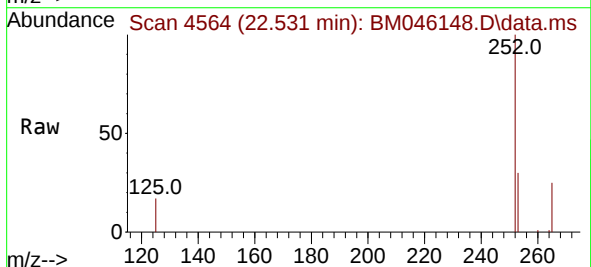
Manual Integrations
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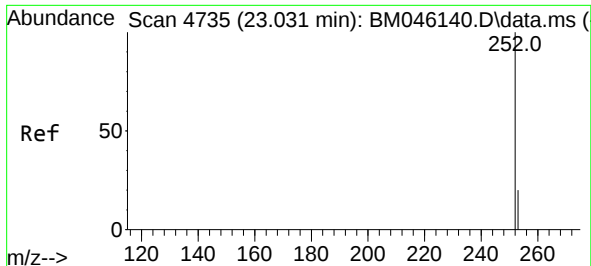
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.033 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54

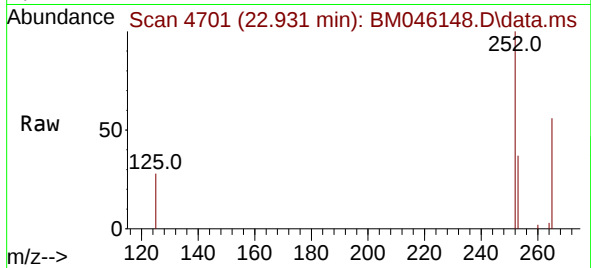
Tgt Ion:252 Resp: 14420
Ion Ratio Lower Upper
252 100
253 29.7 27.2 40.8
125 17.4 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.269 ng/ul
RT: 22.931 min Scan# 41
Delta R.T. -0.123 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54

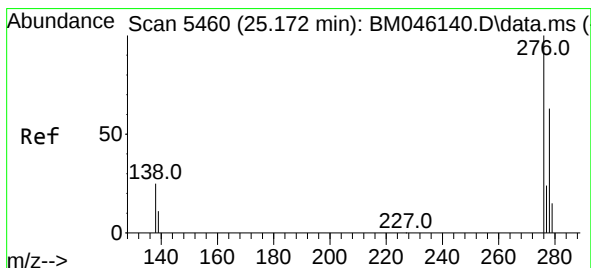
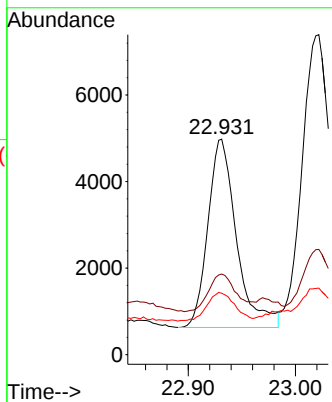
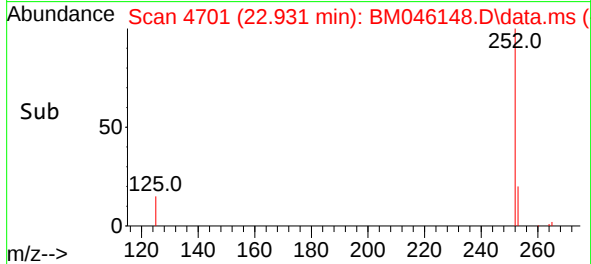
Instrument :
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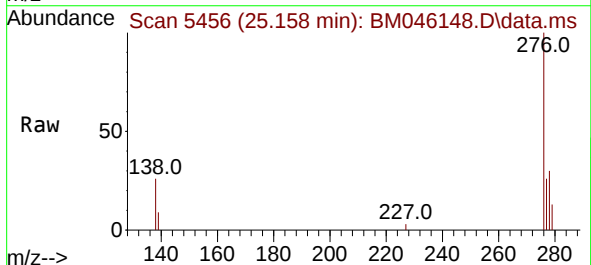
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125 28.5 21.2 31.8

Manual Integrations
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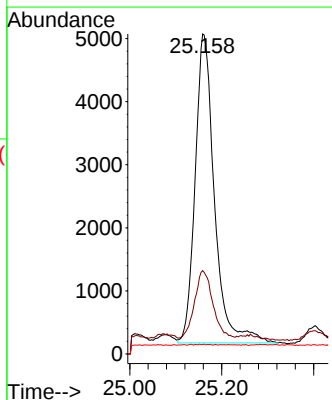
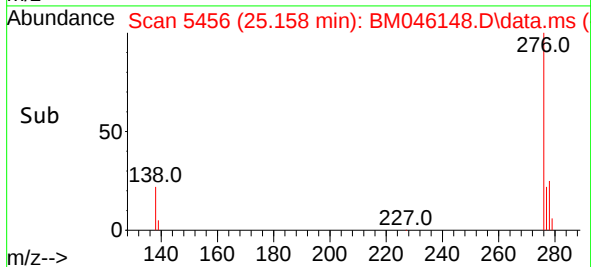
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

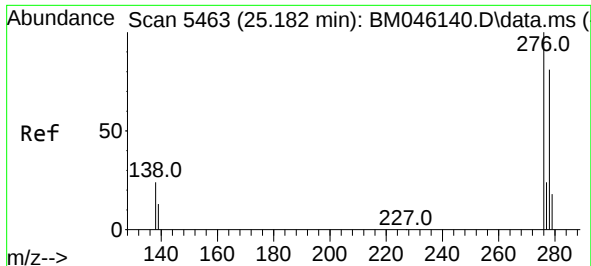


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.291 ng/ul
RT: 25.158 min Scan# 5456
Delta R.T. -0.044 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54



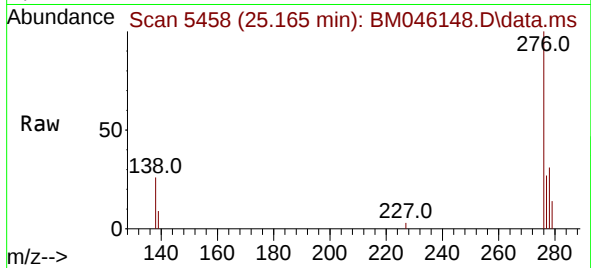
Tgt Ion:276 Resp: 14265
Ion Ratio Lower Upper
276 100
138 20.3 21.0 31.4#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 25.165 min Scan# 5463
Delta R.T. -0.051 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54

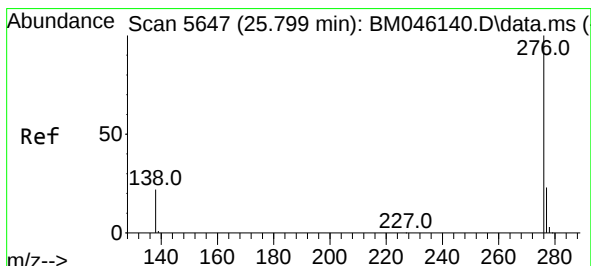
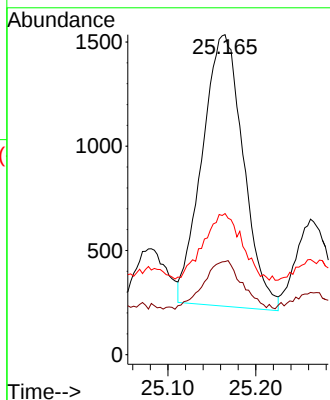
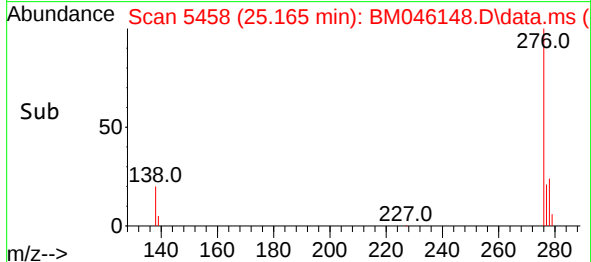
Instrument :
BNA_M
ClientSampleId :
A4BM3DL



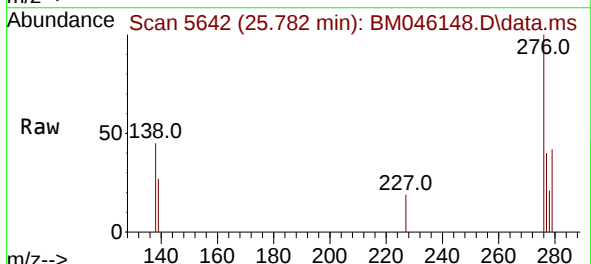
Tgt Ion:278 Resp: 4238
Ion Ratio Lower Upper
278 100
139 29.1 17.6 26.4#
279 44.1 26.3 39.5#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.055 ng/ul
RT: 25.782 min Scan# 5642
Delta R.T. -0.047 min
Lab File: BM046148.D
Acq: 21 Jun 2024 06:54



Tgt Ion:276 Resp: 2305
Ion Ratio Lower Upper
276 100
138 44.9 21.7 32.5#
277 39.6 20.4 30.6#

