

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046280.D
 Acq On : 25 Jun 2024 08:03
 Operator : MA/JU
 Sample : P2844-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C83

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 08:33:54 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 25 08:04:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.400	152	2067	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.172	136	6212	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.049	164	3420	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.795	188	7116m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.008	240	5260	0.400	ng/ul	-0.02
23) Perylene-d12	23.089	264	5558m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	9357	3.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.811	152	2008	0.241	ng/ul	-0.06
18) Fluoranthene-d10	18.835	212	4301	0.273	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.222	128	407	0.023	ng/ul#	51
10) Acenaphthylene	13.771	152	1448	0.089	ng/ul#	82
11) Acenaphthene	14.109	153	309	0.026	ng/ul#	91
12) Fluorene	15.103	166	530	0.042	ng/ul#	91
15) Phenanthrene	16.837	178	13637m	0.682	ng/ul	
16) Anthracene	16.926	178	2463m	0.165	ng/ul	
19) Fluoranthene	18.863	202	36470	1.601	ng/ul	96
20) Pyrene	19.220	202	31596	1.283	ng/ul	98
21) Benzo(a)anthracene	20.991	228	14112	0.695	ng/ul	97
22) Chrysene	21.043	228	15054	0.581	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	24772m	1.237	ng/ul	
25) Benzo(k)fluoranthene	22.510	252	9843m	0.413	ng/ul	
26) Benzo(a)pyrene	22.995	252	15404	0.830	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.138	276	14333	0.472	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.145	278	2786	0.123	ng/ul#	72
29) Benzo(g,h,i)perylene	25.752	276	14083	0.541	ng/ul	98

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

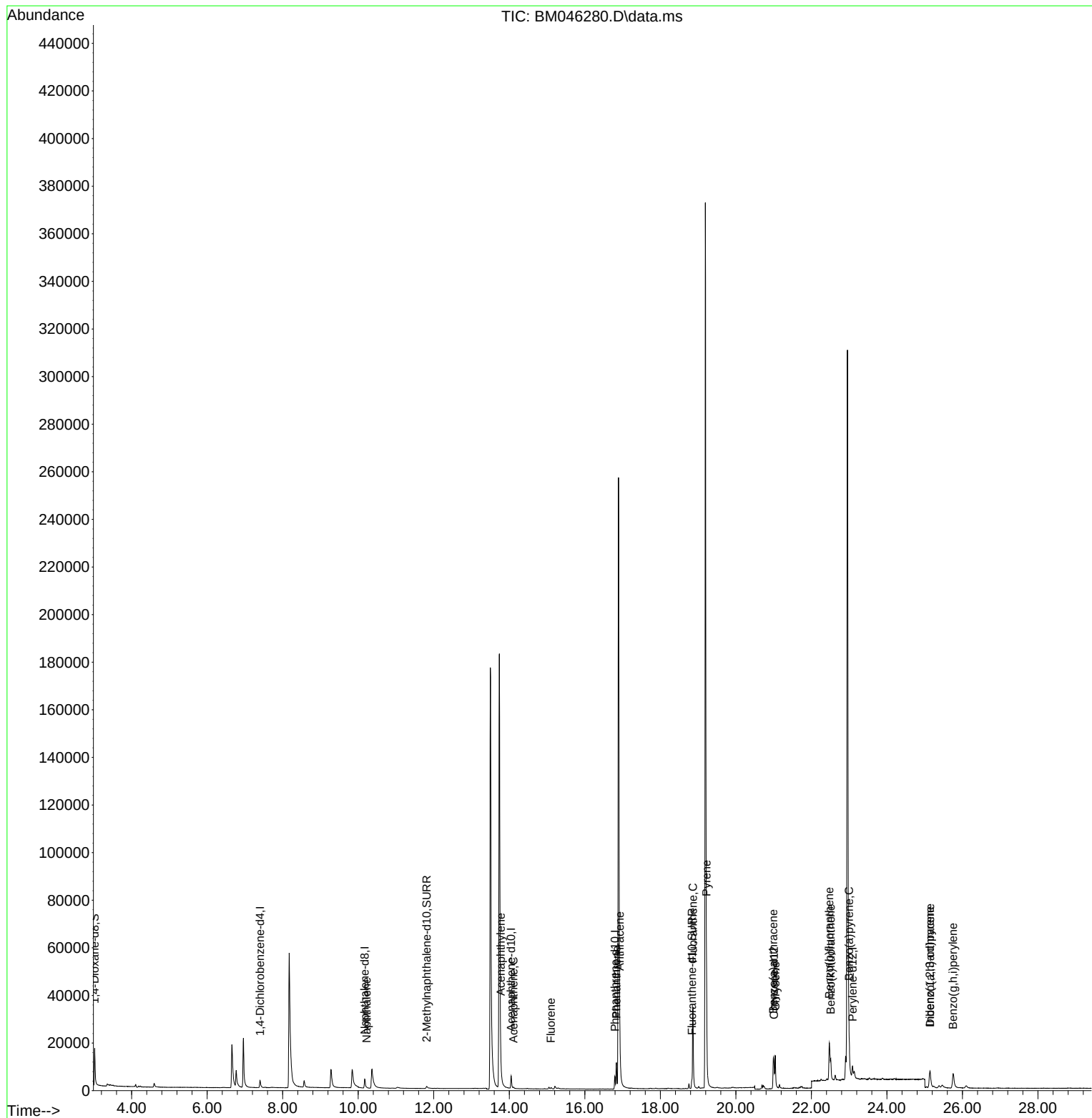
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046280.D
Acq On : 25 Jun 2024 08:03
Operator : MA/JU
Sample : P2844-05
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ALS Vial : 39 Sample Multiplier: 1

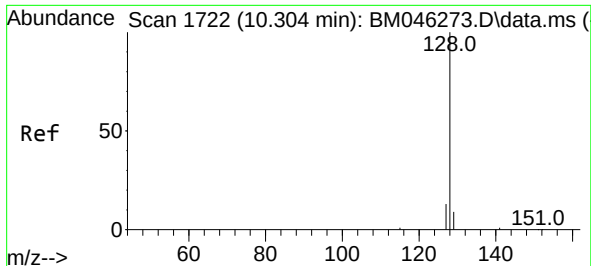
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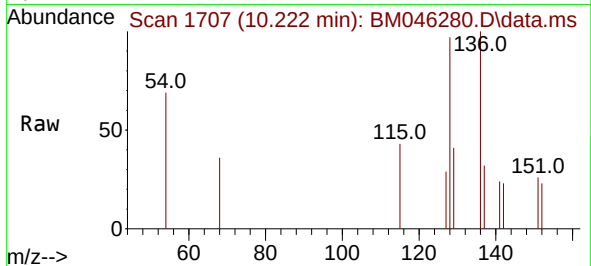
Quant Time: Jun 25 08:33:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/u1
RT: 10.222 min Scan# 1707
Delta R.T. -0.083 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03

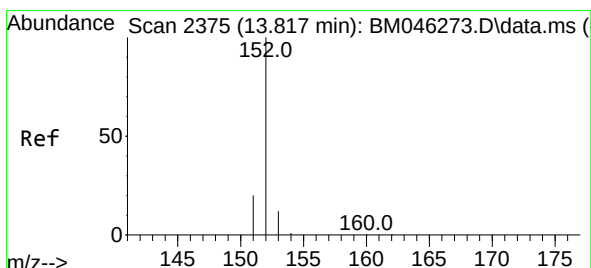
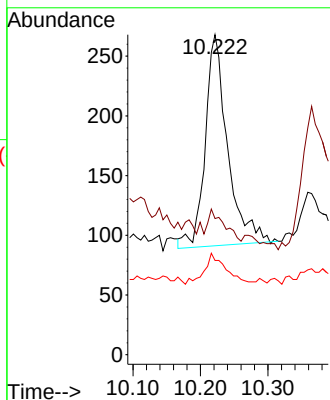
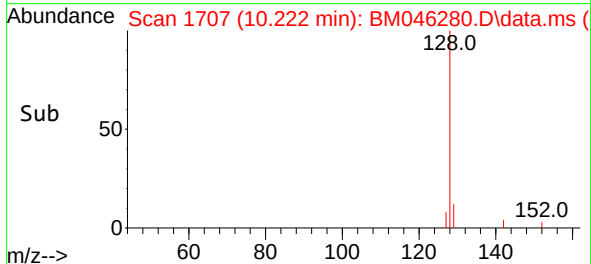
Instrument :
BNA_M
ClientSampleId :
A4C83



Tgt Ion:128 Resp: 407
Ion Ratio Lower Upper
128 100
129 42.5 11.8 17.6#
127 29.5 12.8 19.2#

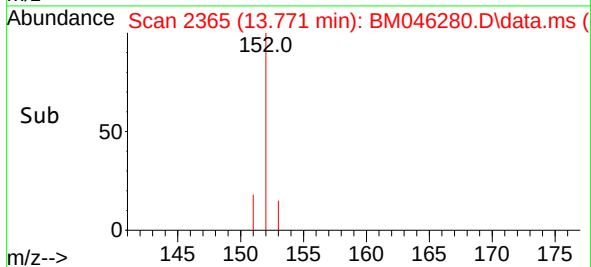
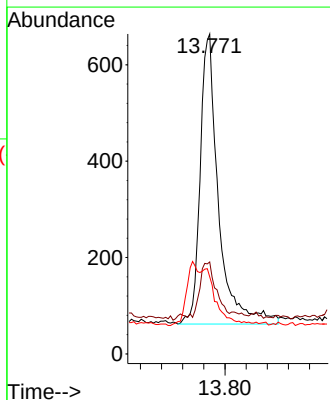
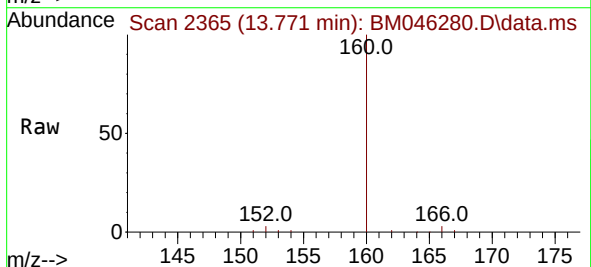
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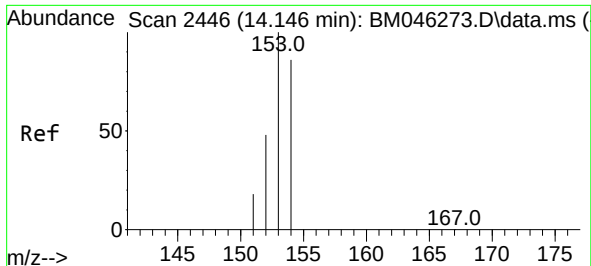
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 0.089 ng/u1
RT: 13.771 min Scan# 2365
Delta R.T. -0.046 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03

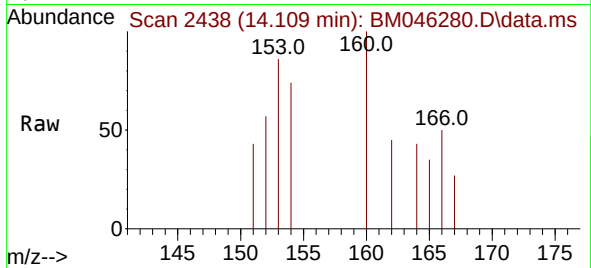
Tgt Ion:152 Resp: 1448
Ion Ratio Lower Upper
152 100
151 28.8 17.4 26.2#
153 24.1 11.8 17.8#





#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.109 min Scan# 2446
Delta R.T. -0.037 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03

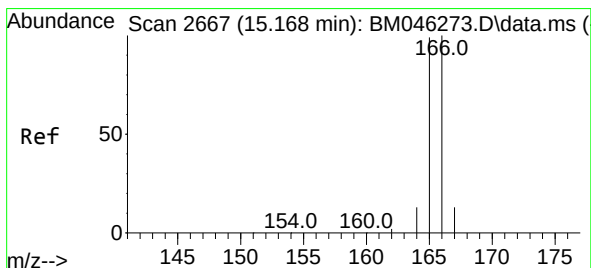
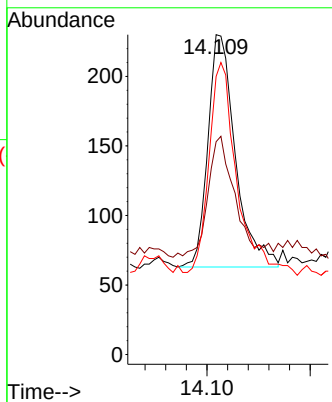
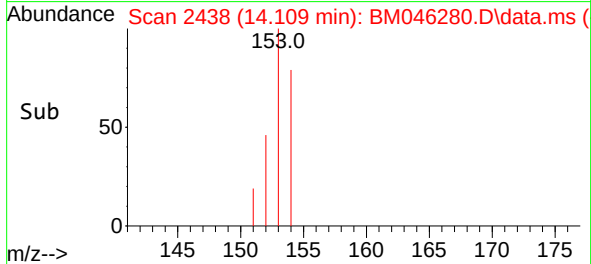
Instrument :
BNA_M
ClientSampleId :
A4C83



Tgt Ion:153 Resp: 309
Ion Ratio Lower Upper
153 100
152 66.5 41.3 61.9
154 87.0 68.2 102.4

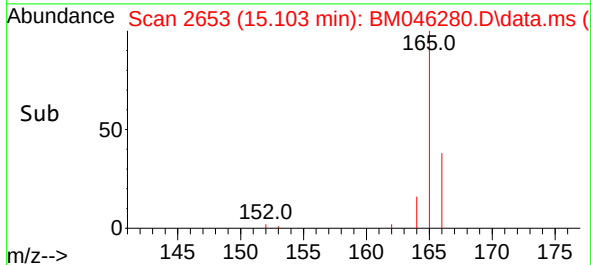
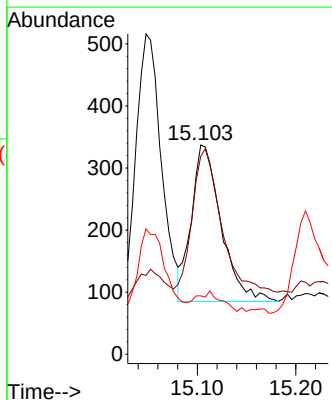
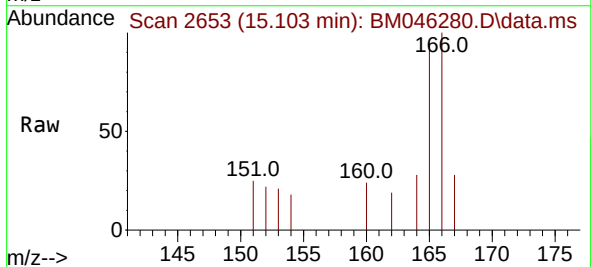
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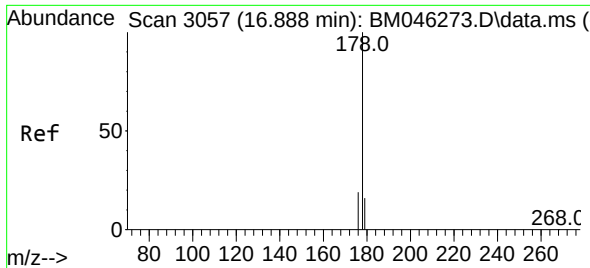
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.042 ng/u1
RT: 15.103 min Scan# 2653
Delta R.T. -0.065 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03

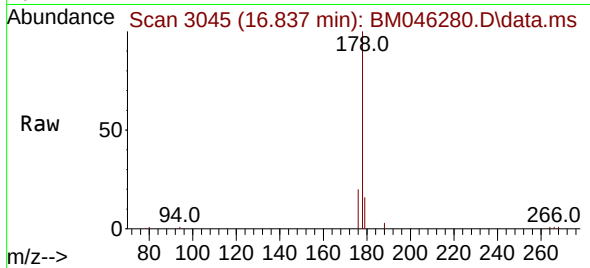
Tgt Ion:166 Resp: 530
Ion Ratio Lower Upper
166 100
165 94.7 80.4 120.6
167 27.9 12.4 18.6





#15
Phenanthrene
Concen: 0.682 ng/ul m
RT: 16.837 min Scan# 3045
Delta R.T. -0.051 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03

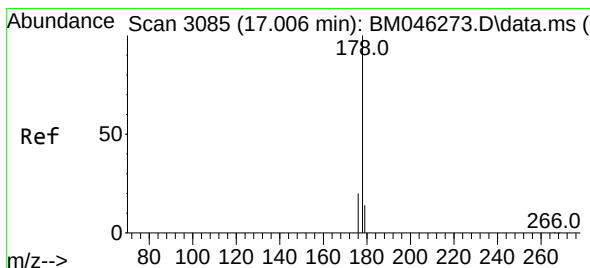
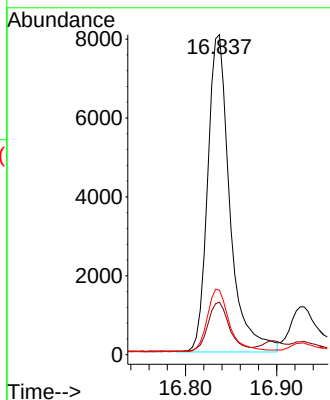
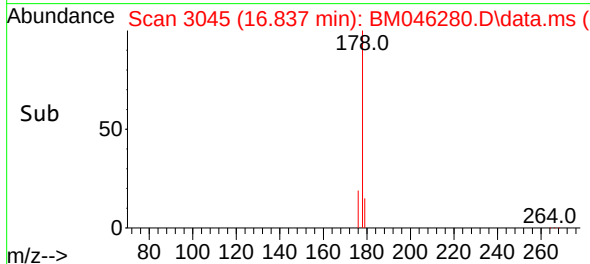
Instrument :
BNA_M
ClientSampleId :
A4C83



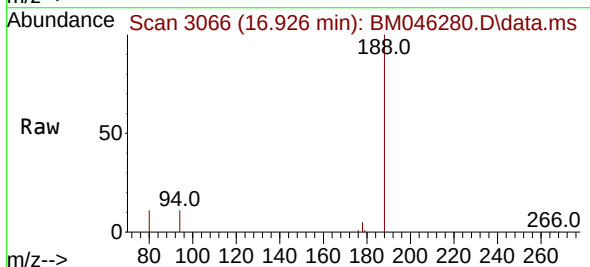
Tgt Ion:178 Resp: 1363
Ion Ratio Lower Upper
178 100
179 16.4 14.2 21.2
176 20.2 17.1 25.7

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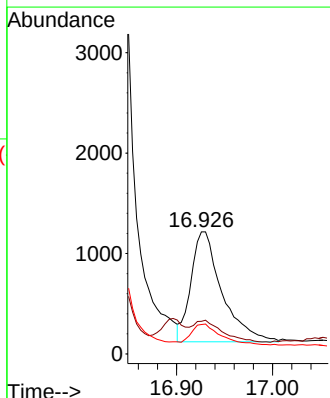
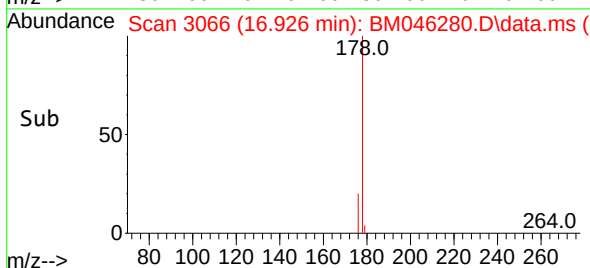
Reviewed By :Yogesh Patel 06/25/2024
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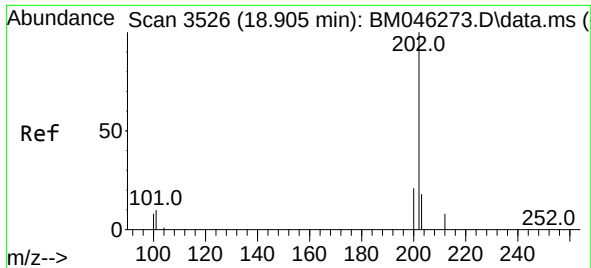


#16
Anthracene
Concen: 0.165 ng/ul m
RT: 16.926 min Scan# 3066
Delta R.T. -0.080 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03



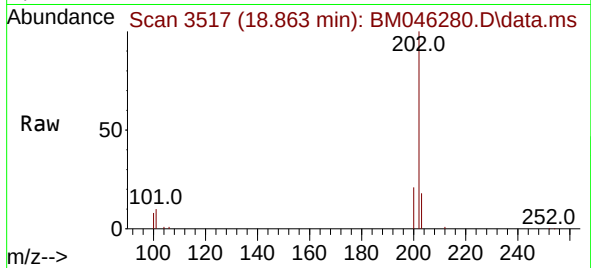
Tgt Ion:178 Resp: 2463
Ion Ratio Lower Upper
178 100
179 26.7 14.9 22.3#
176 24.1 17.0 25.4





#19
Fluoranthene
Concen: 1.601 ng/ul
RT: 18.863 min Scan# 3517
Delta R.T. -0.042 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03

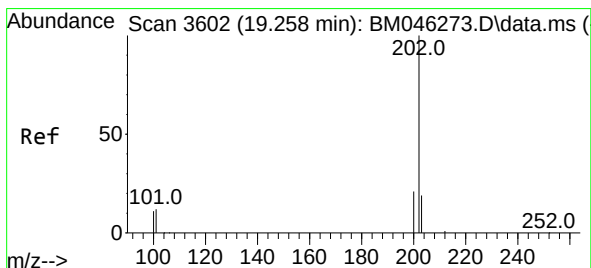
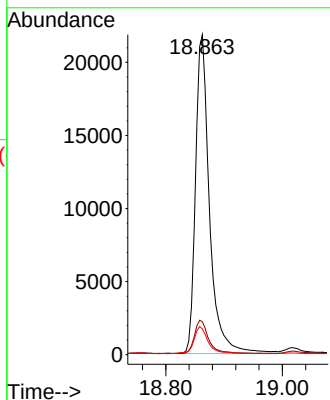
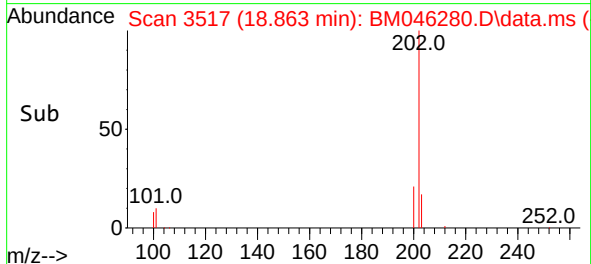
Instrument :
BNA_M
ClientSampleId :
A4C83



Tgt Ion:202 Resp: 36470
Ion Ratio Lower Upper
202 100
101 10.3 9.6 14.4
100 8.1 7.6 11.4

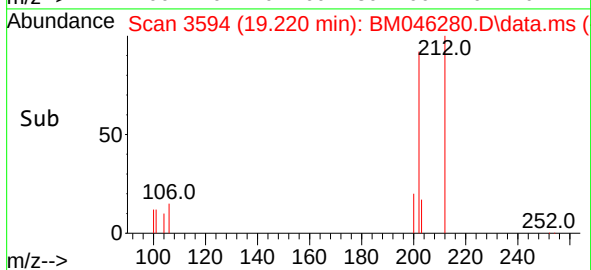
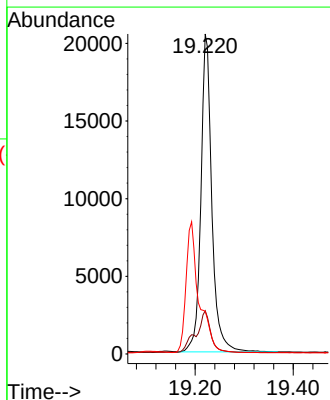
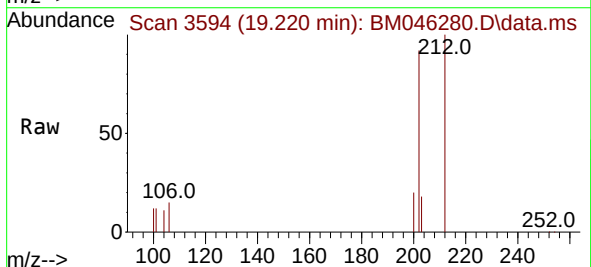
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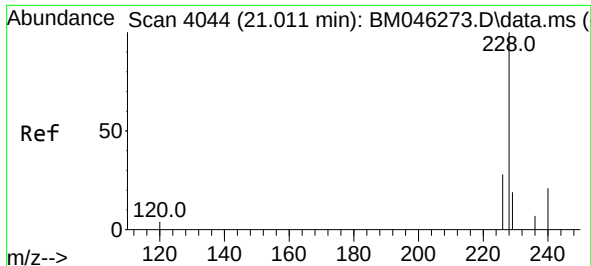
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 1.283 ng/ul
RT: 19.220 min Scan# 3594
Delta R.T. -0.037 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03

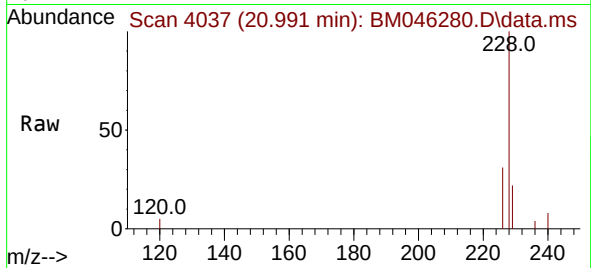
Tgt Ion:202 Resp: 31596
Ion Ratio Lower Upper
202 100
101 13.5 11.3 16.9
100 13.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.695 ng/u1
RT: 20.991 min Scan# 4037
Delta R.T. -0.021 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03

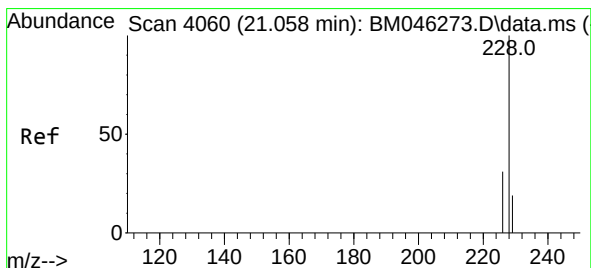
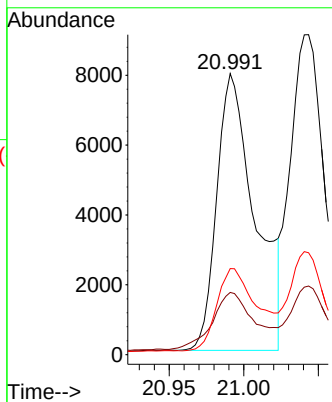
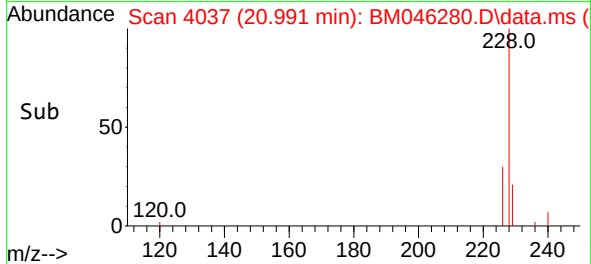
Instrument :
BNA_M
ClientSampleId :
A4C83



Tgt Ion:228 Resp: 1411
Ion Ratio Lower Upper
228 100
229 22.1 16.4 24.6
226 30.6 23.4 35.2

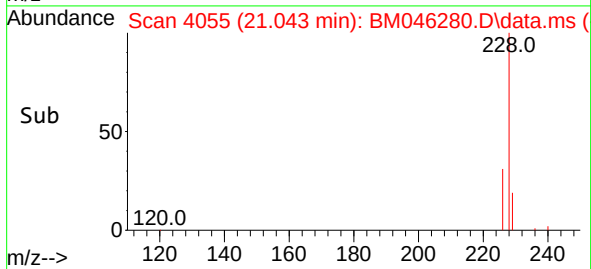
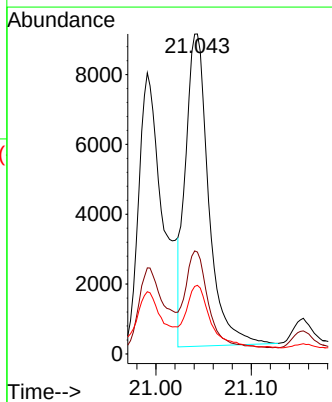
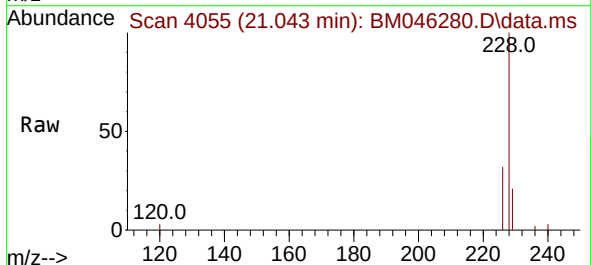
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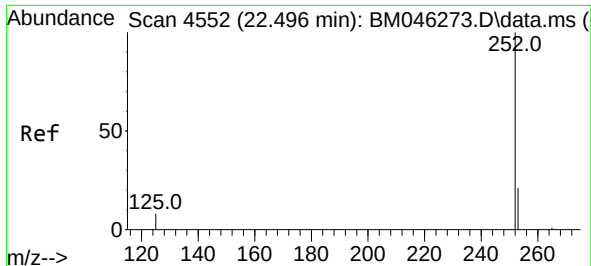
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 0.581 ng/u1
RT: 21.043 min Scan# 4055
Delta R.T. -0.015 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03

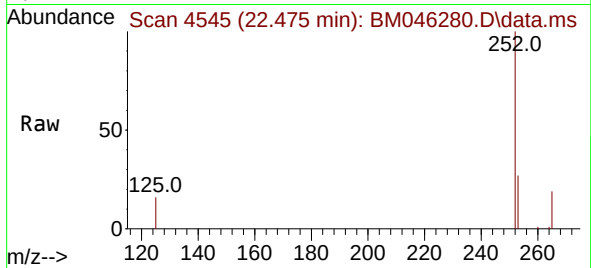
Tgt Ion:228 Resp: 15054
Ion Ratio Lower Upper
228 100
226 31.8 25.2 37.8
229 21.4 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.237 ng/ul m
RT: 22.475 min Scan# 4545
Delta R.T. -0.021 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03

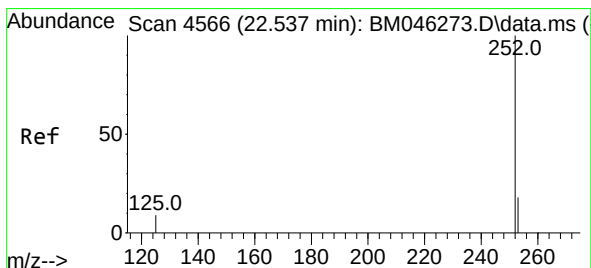
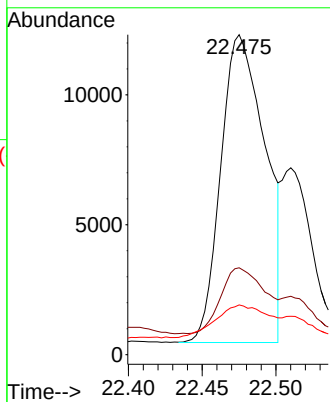
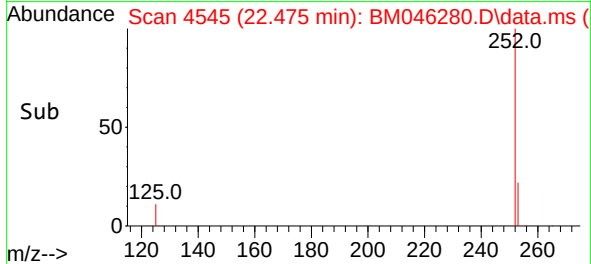
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A4C83



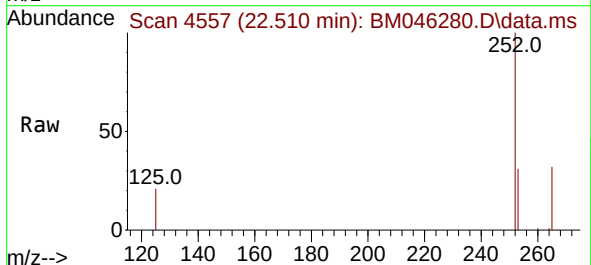
Tgt Ion:252 Resp: 24772
Ion Ratio Lower Upper
252 100
253 27.2 0.0 65.8
125 15.6 0.0 40.2

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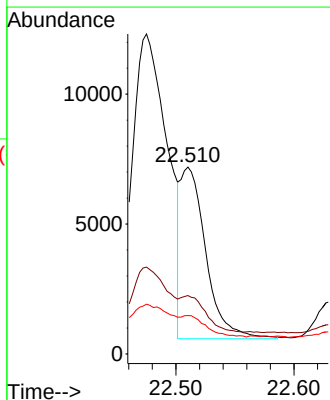
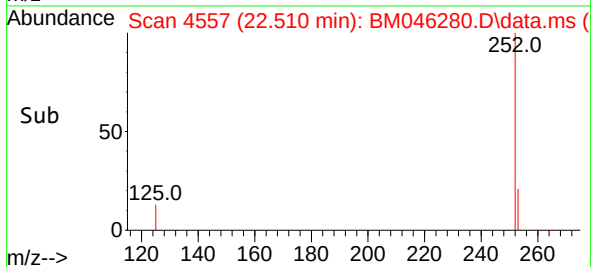
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

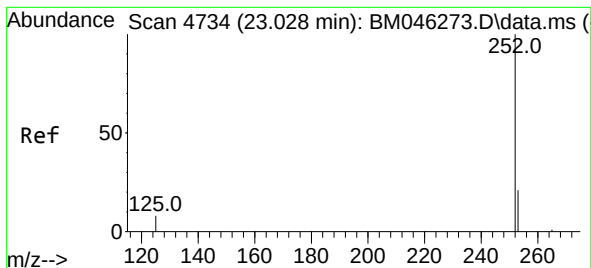


#25
Benzo(k)fluoranthene
Concen: 0.413 ng/ul m
RT: 22.510 min Scan# 4557
Delta R.T. -0.026 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03



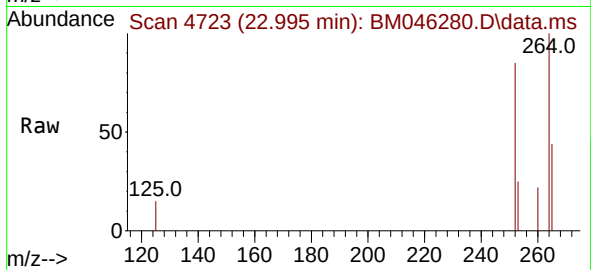
Tgt Ion:252 Resp: 9843
Ion Ratio Lower Upper
252 100
253 31.3 27.2 40.8
125 20.6 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.830 ng/ul
RT: 22.995 min Scan# 4734
Delta R.T. -0.032 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03

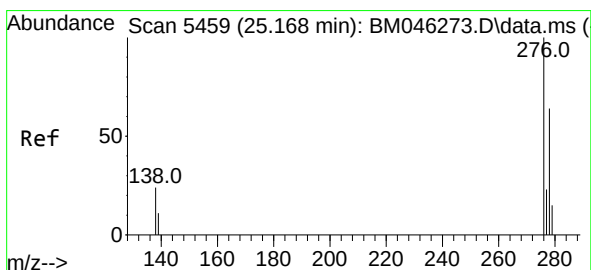
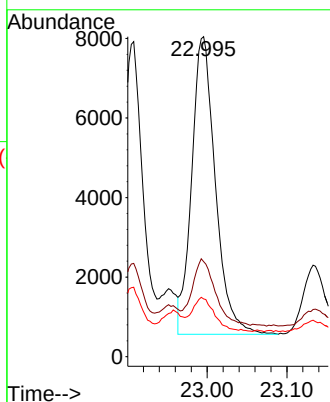
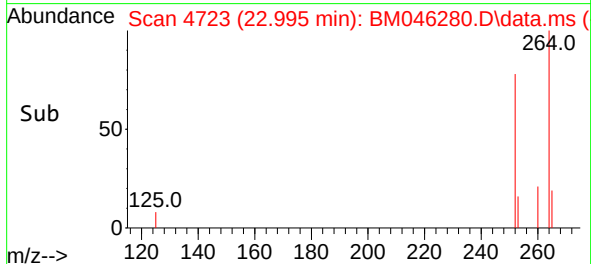
Instrument :
BNA_M
ClientSampleId :
A4C83



Tgt Ion:252 Resp: 15404
Ion Ratio Lower Upper
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125 18.1 21.2 31.8

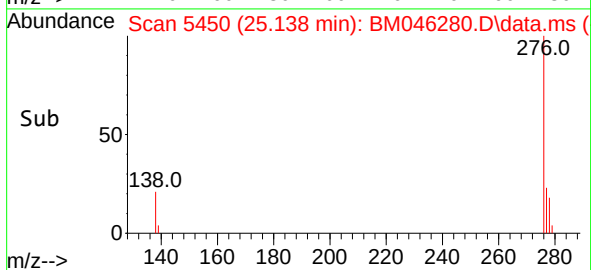
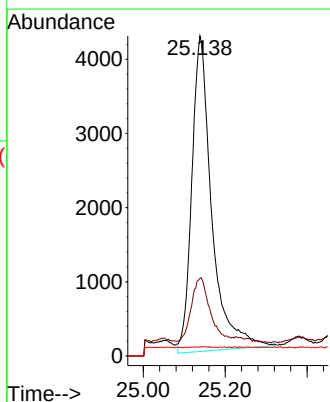
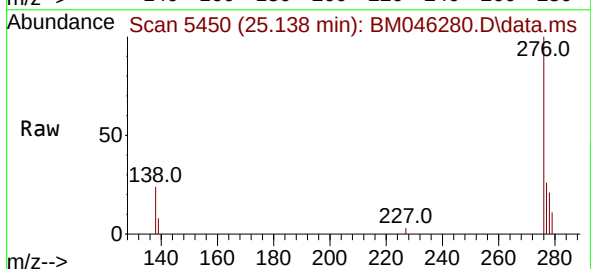
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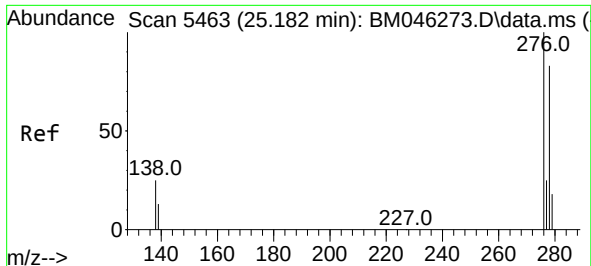
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.472 ng/ul
RT: 25.138 min Scan# 5450
Delta R.T. -0.030 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03

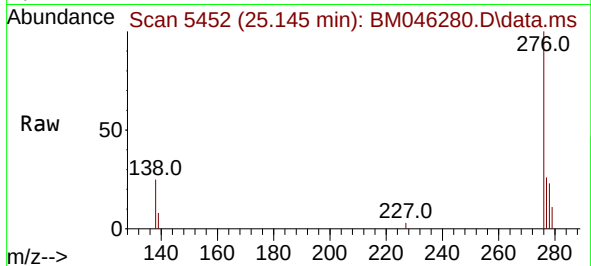
Tgt Ion:276 Resp: 14333
Ion Ratio Lower Upper
276 100
138 28.1 21.0 31.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.123 ng/ul
RT: 25.145 min Scan# 5463
Delta R.T. -0.037 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03

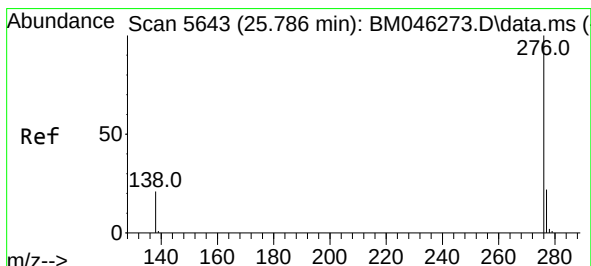
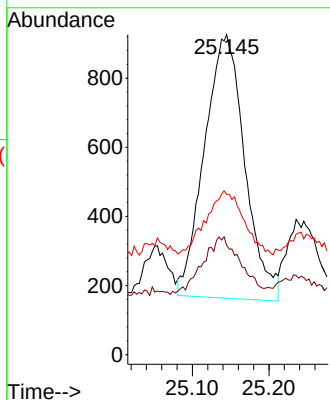
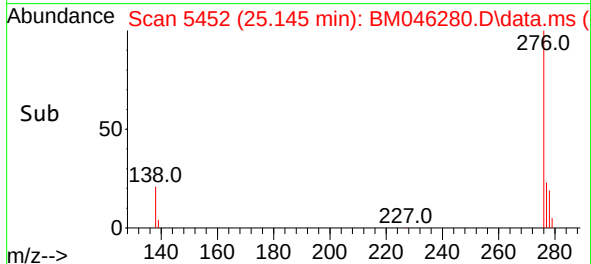
Instrument :
BNA_M
ClientSampleId :
A4C83



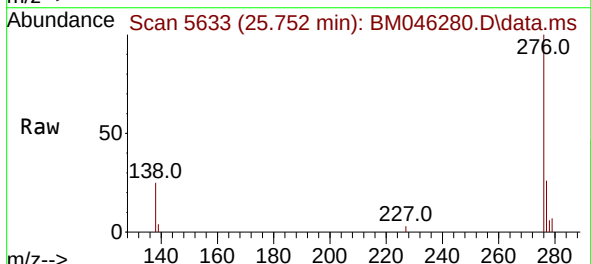
Tgt Ion:278 Resp: 2780
Ion Ratio Lower Upper
278 100
139 34.1 17.6 26.4
279 50.1 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.541 ng/ul
RT: 25.752 min Scan# 5633
Delta R.T. -0.034 min
Lab File: BM046280.D
Acq: 25 Jun 2024 08:03



Tgt Ion:276 Resp: 14083
Ion Ratio Lower Upper
276 100
138 24.8 21.7 32.5
277 25.7 20.4 30.6

