

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046146.D
 Acq On : 21 Jun 2024 05:42
 Operator : MA/JU
 Sample : P2710-08DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL7DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 06:14:00 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	3211	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.220	136	8953	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.080	164	5113	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.823	188	10365	0.400	ng/ul	-0.04
17) Chrysene-d12	21.015	240	8882	0.400	ng/ul	#-0.03
23) Perylene-d12	23.107	264	10560m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	3267	0.742	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.853	152	667	0.055	ng/ul	-0.01
18) Fluoranthene-d10	18.847	212	1712	0.064	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.270	128	685	0.027	ng/ul#	58
10) Acenaphthylene	13.797	152	2811	0.116	ng/ul#	94
11) Acenaphthene	14.140	153	999	0.057	ng/ul	96
12) Fluorene	15.134	166	1232	0.066	ng/ul#	98
15) Phenanthrene	16.861	178	30534	1.049	ng/ul	96
16) Anthracene	16.954	178	6222	0.287	ng/ul	96
19) Fluoranthene	18.880	202	94562	2.459	ng/ul	97
20) Pyrene	19.242	202	66764	1.605	ng/ul	96
21) Benzo(a)anthracene	21.000	228	42328	1.234	ng/ul	99
22) Chrysene	21.050	228	41411	0.946	ng/ul	99
24) Benzo(b)fluoranthene	22.490	252	66134m	1.738	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	25185m	0.557	ng/ul	
26) Benzo(a)pyrene	23.016	252	22801m	0.647	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.155	276	25172	0.436	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.155	278	7429	0.173	ng/ul	92
29) Benzo(g,h,i)perylene	25.776	276	3704	0.075	ng/ul#	79

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

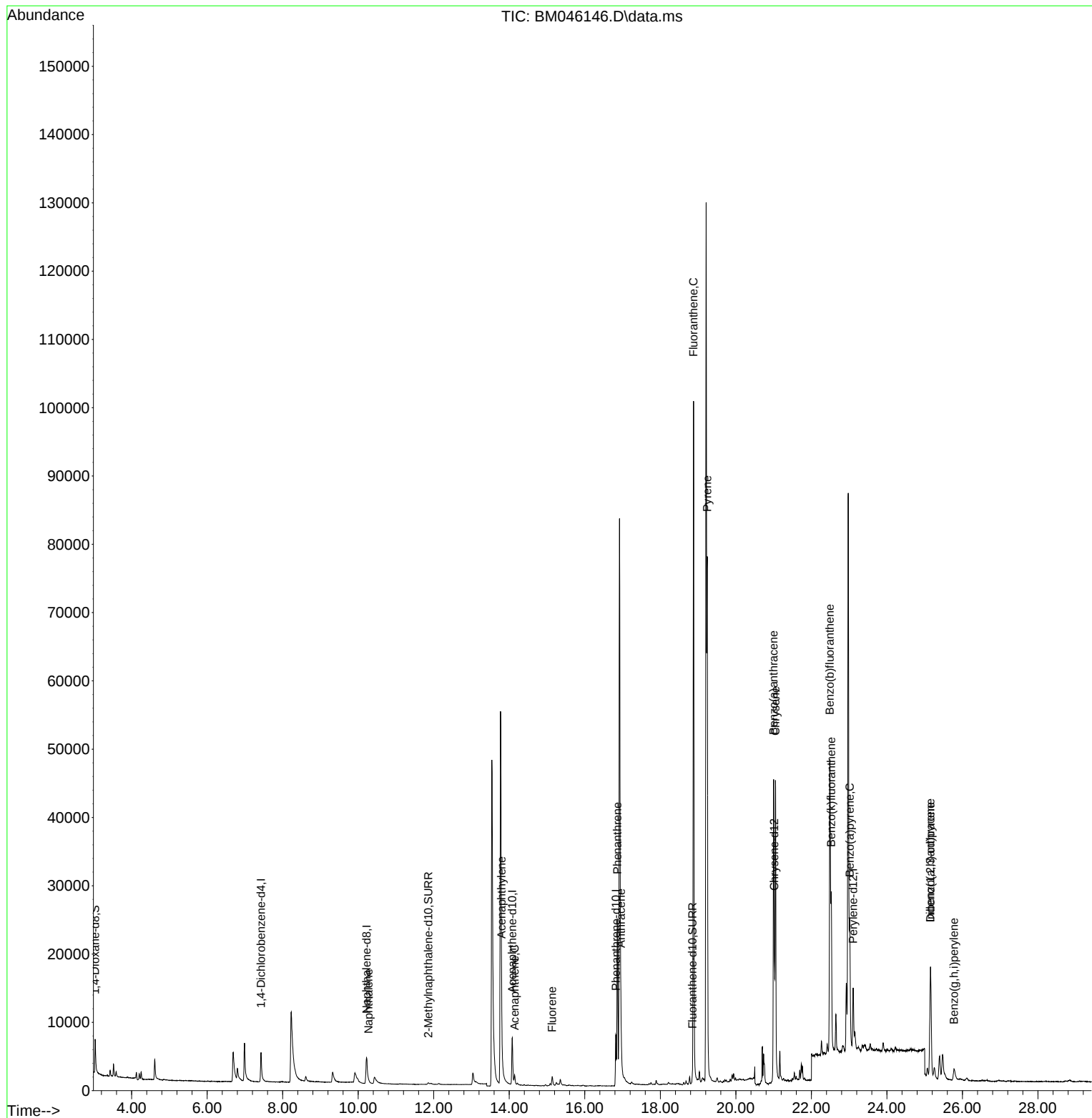
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046146.D
Acq On : 21 Jun 2024 05:42
Operator : MA/JU
Sample : P2710-08DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

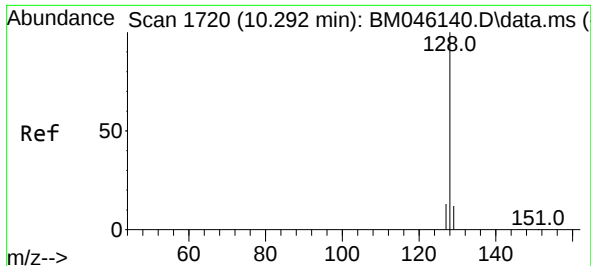
Instrument :
BNA_M
ClientSampleId :
A4BL7DL

Manual Integrations
APPROVED

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

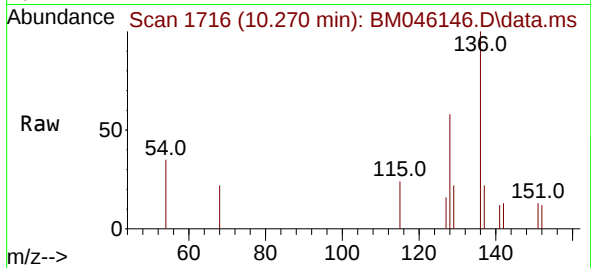
Quant Time: Jun 21 06:14:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.270 min Scan# 1716
Delta R.T. -0.033 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42

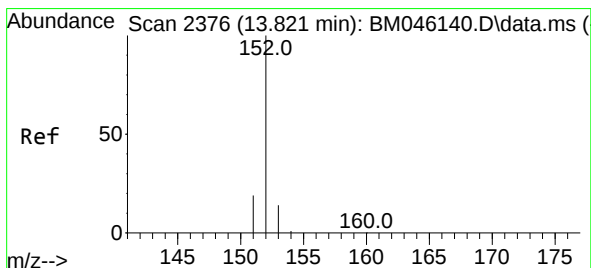
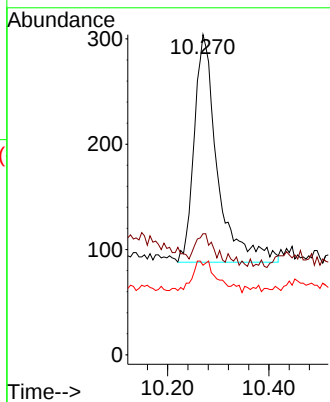
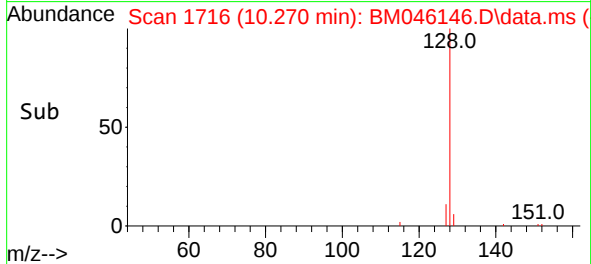
Instrument :
BNA_M
ClientSampleId :
A4BL7DL



Tgt Ion:128 Resp: 689
Ion Ratio Lower Upper
128 100
129 37.8 11.8 17.6
127 28.0 12.8 19.2

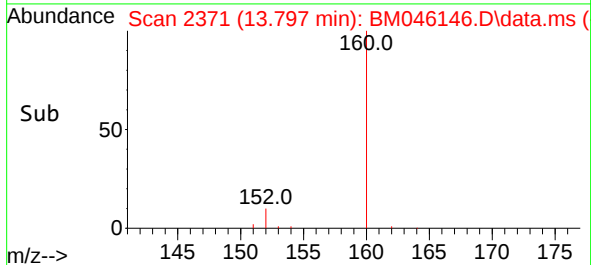
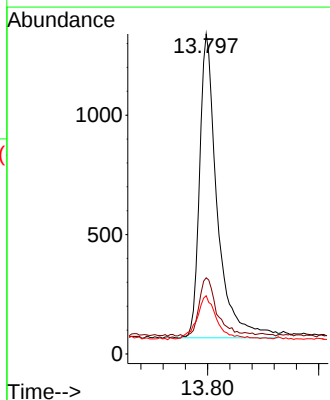
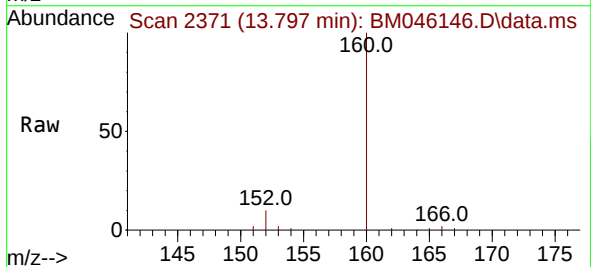
Manual Integrations
APPROVED

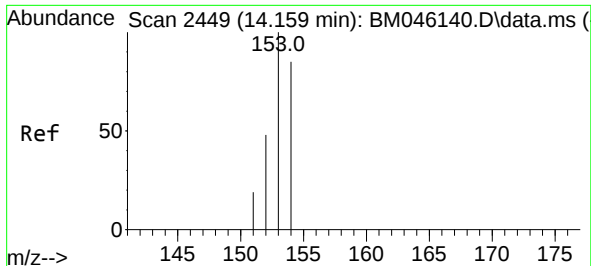
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.116 ng/ul
RT: 13.797 min Scan# 2371
Delta R.T. -0.037 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42

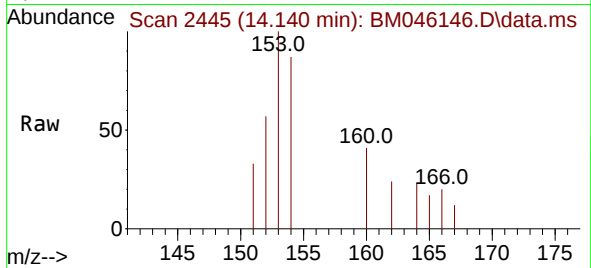
Tgt Ion:152 Resp: 2811
Ion Ratio Lower Upper
152 100
151 23.8 17.4 26.2
153 18.2 11.8 17.8#





#11
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.140 min Scan# 2445
Delta R.T. -0.032 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42

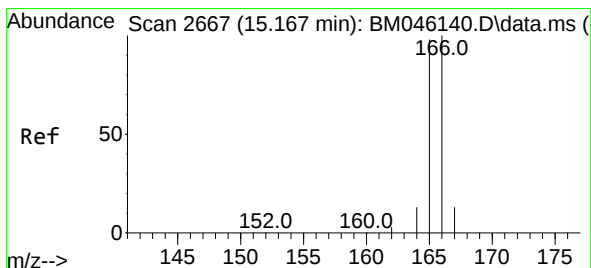
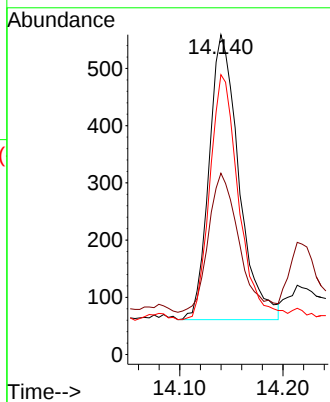
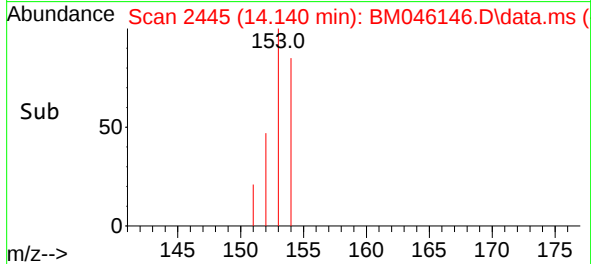
Instrument :
BNA_M
ClientSampleId :
A4BL7DL



Tgt Ion:153 Resp: 999
Ion Ratio Lower Upper
153 100
152 56.7 41.3 61.9
154 87.5 68.2 102.4

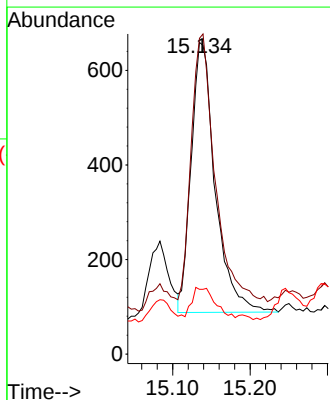
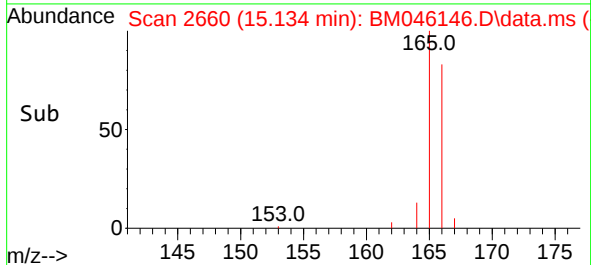
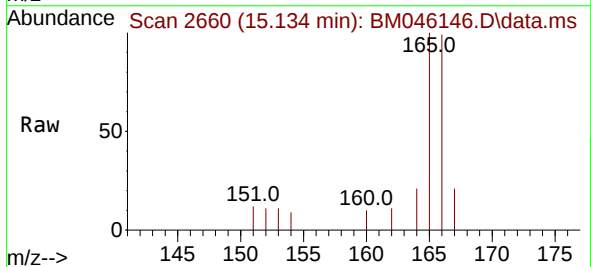
Manual Integrations
APPROVED

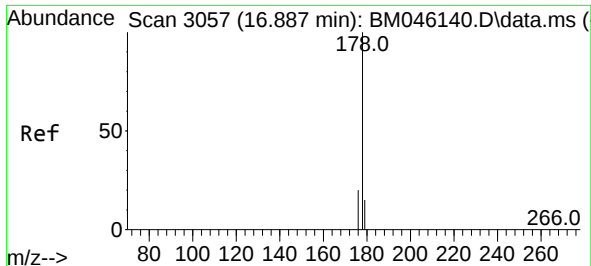
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.066 ng/ul
RT: 15.134 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42

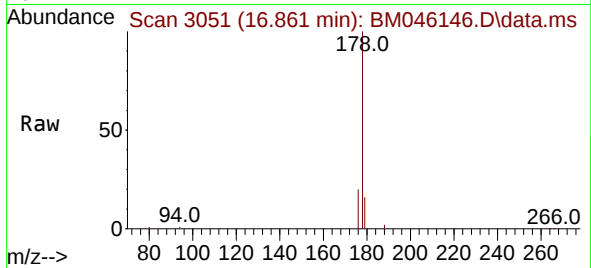
Tgt Ion:166 Resp: 1232
Ion Ratio Lower Upper
166 100
165 101.4 80.4 120.6
167 20.8 12.4 18.6#





#15
Phenanthrene
Concen: 1.049 ng/u1
RT: 16.861 min Scan# 3053
Delta R.T. -0.042 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42

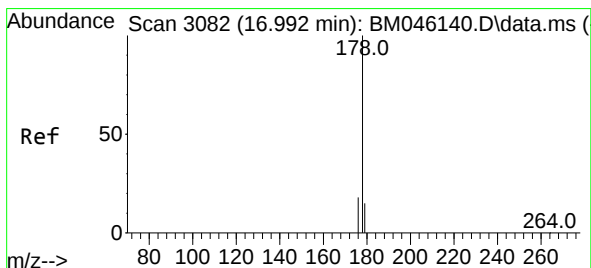
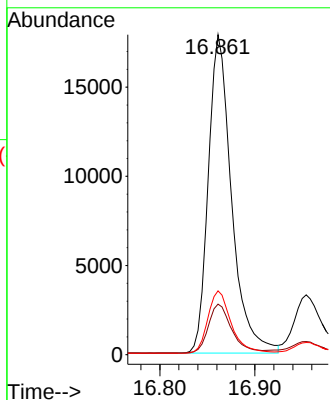
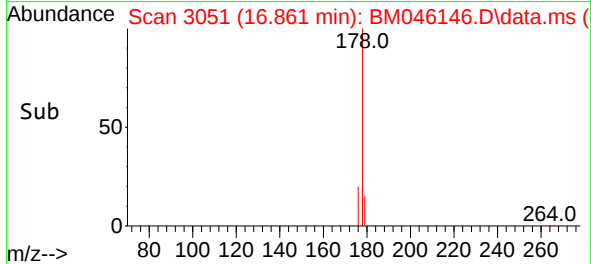
Instrument :
BNA_M
ClientSampleId :
A4BL7DL



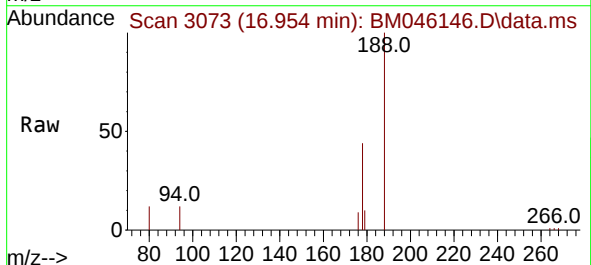
Tgt Ion:178 Resp: 30534
Ion Ratio Lower Upper
178 100
179 15.8 14.2 21.2
176 19.9 17.1 25.7

Manual Integrations
APPROVED

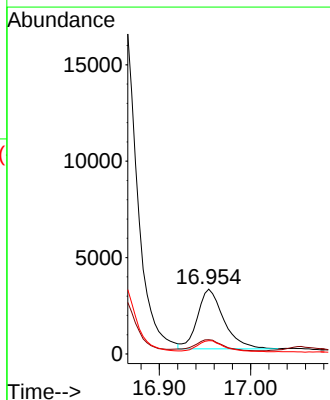
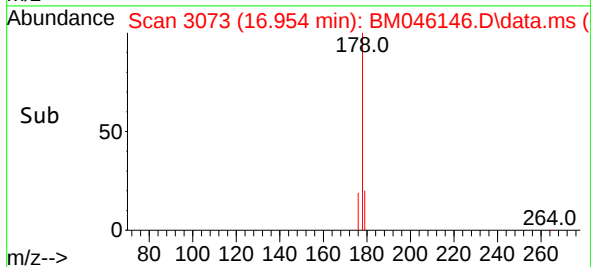
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

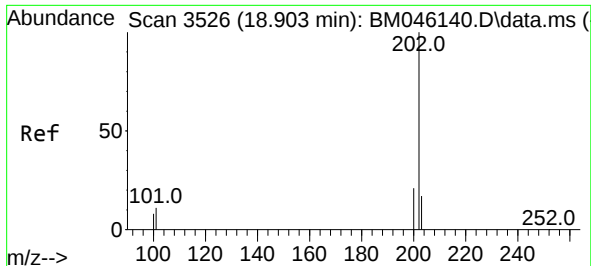


#16
Anthracene
Concen: 0.287 ng/u1
RT: 16.954 min Scan# 3073
Delta R.T. -0.051 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42



Tgt Ion:178 Resp: 6222
Ion Ratio Lower Upper
178 100
179 22.0 14.9 22.3
176 20.4 17.0 25.4





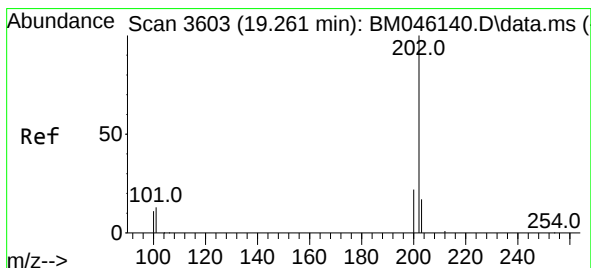
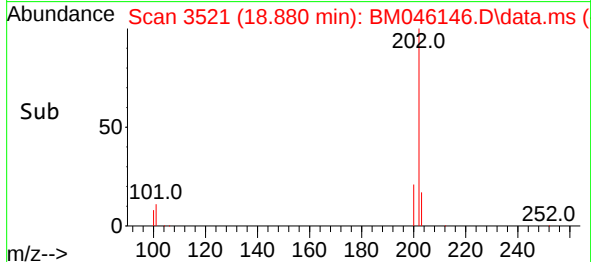
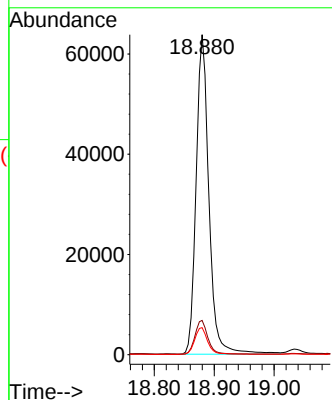
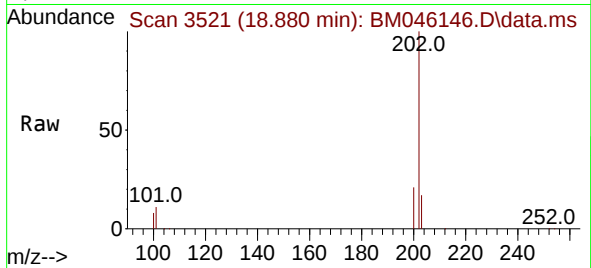
#19
Fluoranthene
Concen: 2.459 ng/u1
RT: 18.880 min Scan# 31
Delta R.T. -0.037 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42

Instrument :
BNA_M
ClientSampleId :
A4BL7DL

Tgt Ion:202 Resp: 9456
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
100 8.4 7.6 11.4

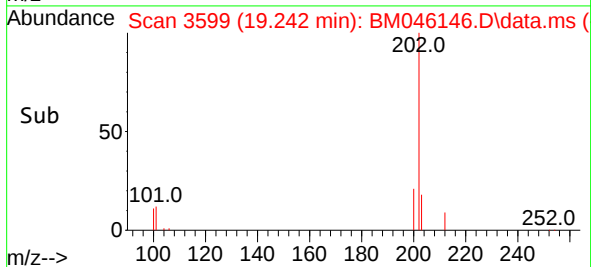
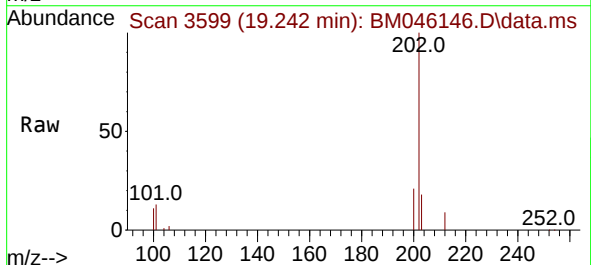
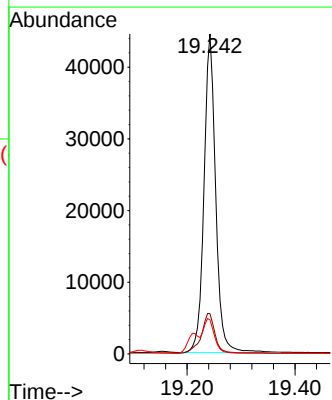
Manual Integrations
APPROVED

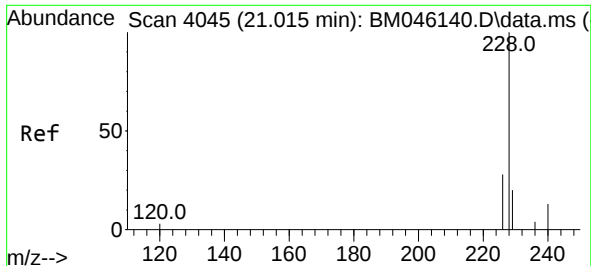
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 1.605 ng/u1
RT: 19.242 min Scan# 3599
Delta R.T. -0.033 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42

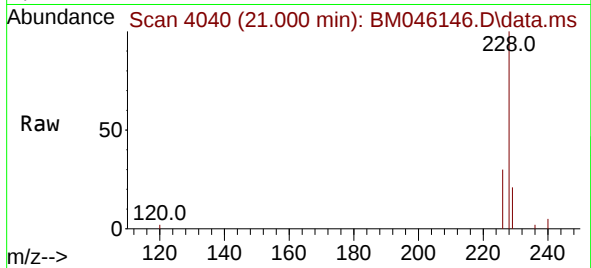
Tgt Ion:202 Resp: 66764
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 10.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.234 ng/ul
RT: 21.000 min Scan# 4045
Delta R.T. -0.029 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42

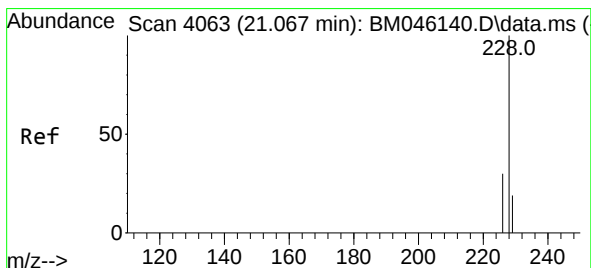
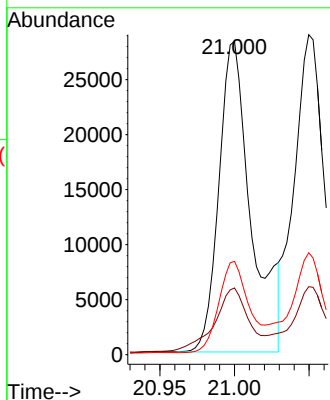
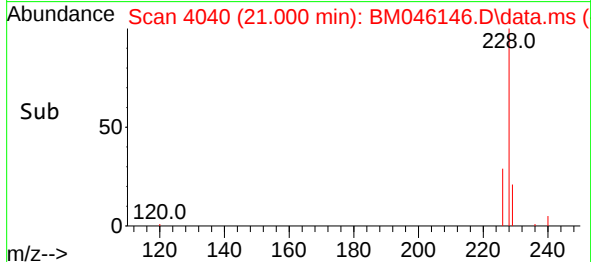
Instrument :
BNA_M
ClientSampleId :
A4BL7DL



Tgt Ion:228 Resp: 42328
Ion Ratio Lower Upper
228 100
229 21.3 16.4 24.6
226 29.8 23.4 35.2

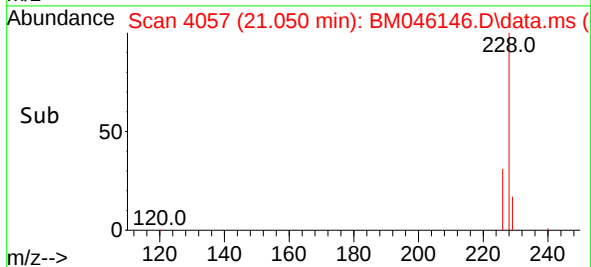
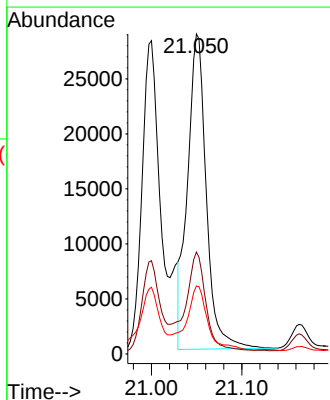
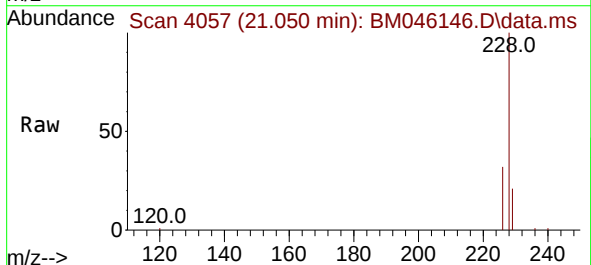
Manual Integrations
APPROVED

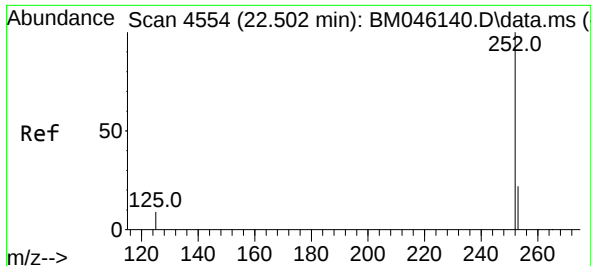
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 0.946 ng/ul
RT: 21.050 min Scan# 4057
Delta R.T. -0.026 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42

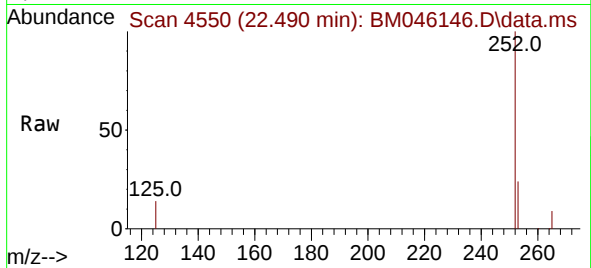
Tgt Ion:228 Resp: 41411
Ion Ratio Lower Upper
228 100
226 31.9 25.2 37.8
229 21.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.738 ng/ul m
RT: 22.490 min Scan# 4550
Delta R.T. -0.029 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42

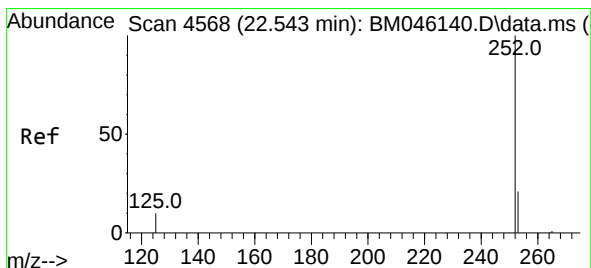
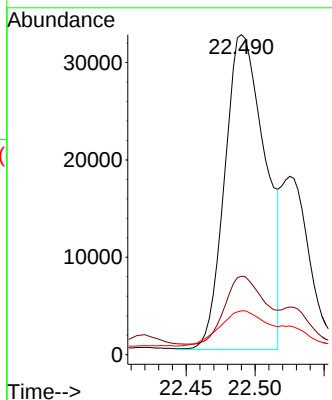
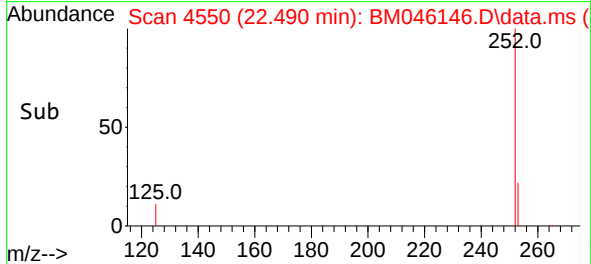
Instrument :
BNA_M
ClientSampleId :
A4BL7DL



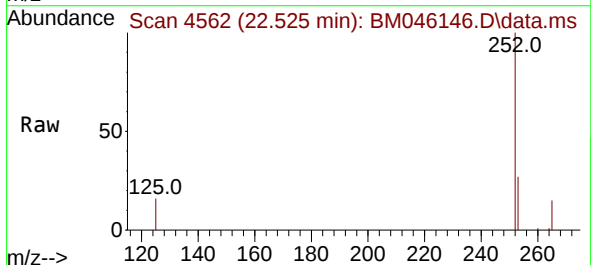
Tgt Ion:252 Resp: 66134
Ion Ratio Lower Upper
252 100
253 24.5 0.0 65.8
125 13.7 0.0 40.2

Manual Integrations
APPROVED

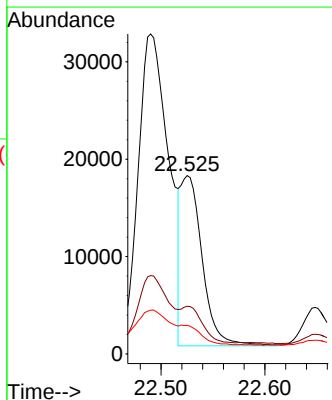
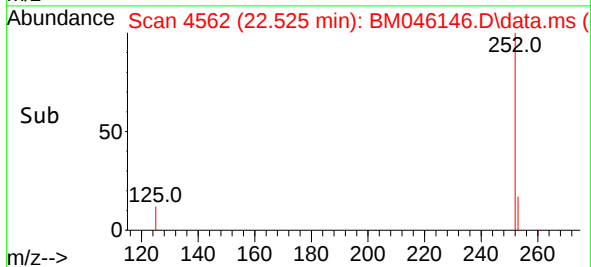
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

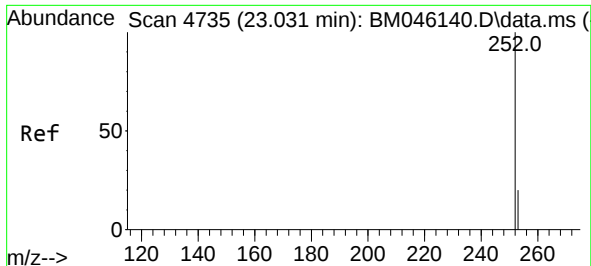


#25
Benzo(k)fluoranthene
Concen: 0.557 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.038 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42



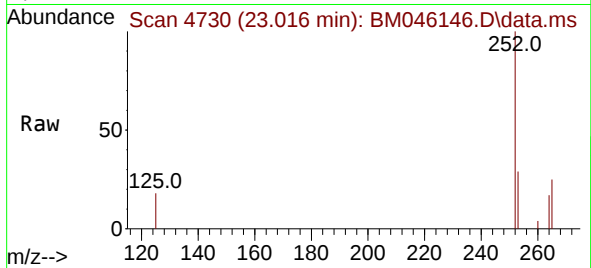
Tgt Ion:252 Resp: 25185
Ion Ratio Lower Upper
252 100
253 26.7 27.2 40.8#
125 16.1 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 0.647 ng/ul m
RT: 23.016 min Scan# 4730
Delta R.T. -0.038 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42

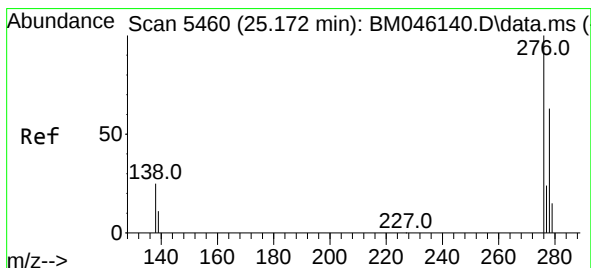
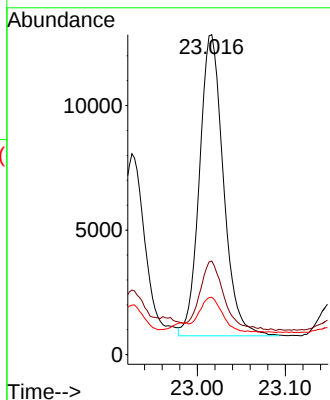
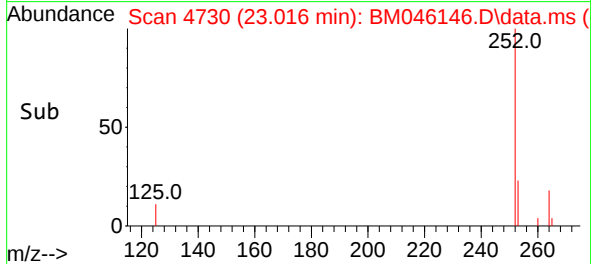
Instrument :
BNA_M
ClientSampleId :
A4BL7DL



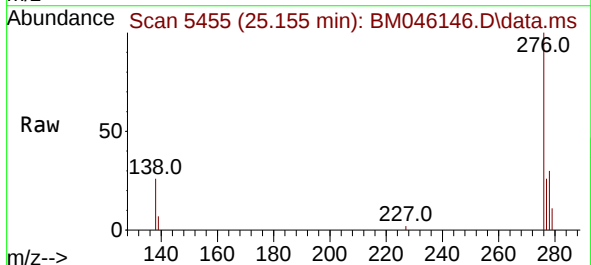
Tgt Ion:252 Resp: 2280
Ion Ratio Lower Upper
252 100
253 29.3 32.1 48.1
125 18.0 21.2 31.8

Manual Integrations
APPROVED

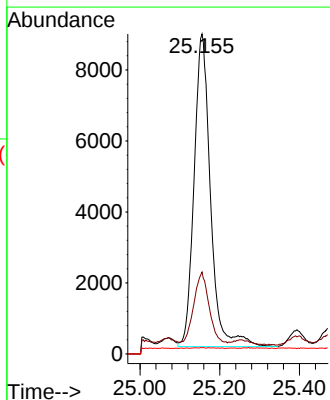
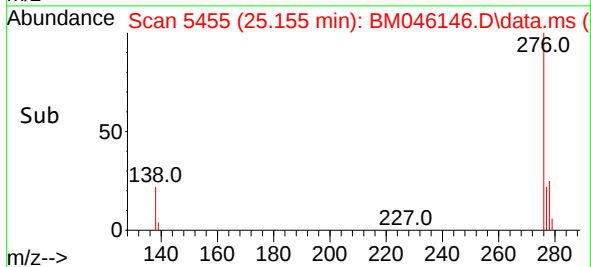
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

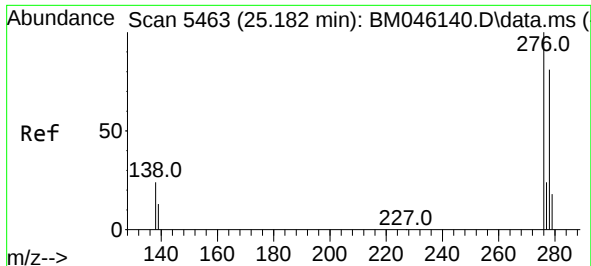


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.436 ng/ul
RT: 25.155 min Scan# 5455
Delta R.T. -0.047 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42



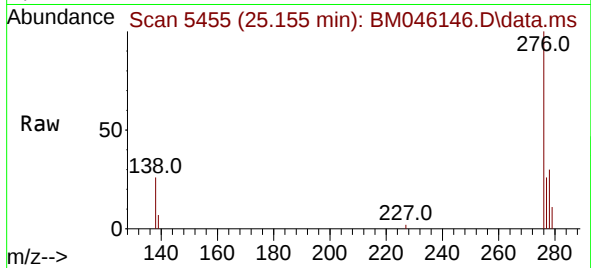
Tgt Ion:276 Resp: 25172
Ion Ratio Lower Upper
276 100
138 21.1 21.0 31.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.173 ng/ul
RT: 25.155 min Scan# 5463
Delta R.T. -0.060 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42

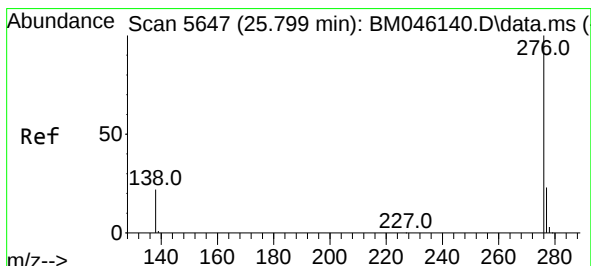
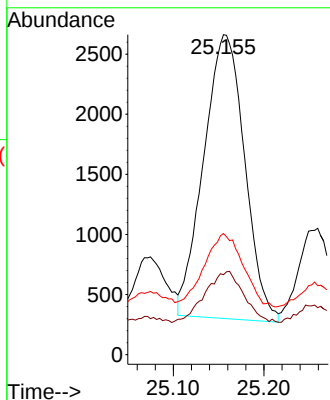
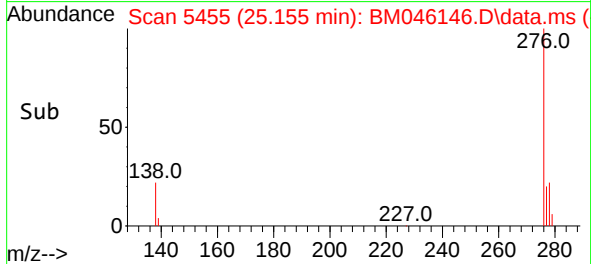
Instrument :
BNA_M
ClientSampleId :
A4BL7DL



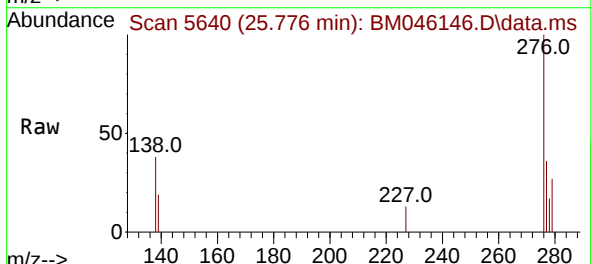
Tgt Ion: 278 Resp: 7429
Ion Ratio Lower Upper
278 100
139 25.0 17.6 26.4
279 37.9 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.075 ng/ul
RT: 25.776 min Scan# 5640
Delta R.T. -0.054 min
Lab File: BM046146.D
Acq: 21 Jun 2024 05:42



Tgt Ion: 276 Resp: 3704
Ion Ratio Lower Upper
276 100
138 38.4 21.7 32.5#
277 35.6 20.4 30.6#

