

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046182.D
 Acq On : 22 Jun 2024 05:21
 Operator : MA/JU
 Sample : P2754-03DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 22 05:56:56 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 : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	3299	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.216	136	9031	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.077	164	5057	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.821	188	9638	0.400	ng/ul	-0.04
17) Chrysene-d12	21.015	240	8317	0.400	ng/ul	-0.03
23) Perylene-d12	23.104	264	9461m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	3156	0.697	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.855	152	634	0.052	ng/ul	0.00
18) Fluoranthene-d10	18.849	212	1380	0.055	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	665	0.026	ng/ul#	55
10) Acenaphthylene	13.799	152	1445	0.060	ng/ul#	82
11) Acenaphthene	14.142	153	643	0.037	ng/ul	96
12) Fluorene	15.136	166	784	0.042	ng/ul#	97
15) Phenanthrene	16.859	178	19386	0.716	ng/ul	97
16) Anthracene	16.952	178	3760	0.186	ng/ul#	92
19) Fluoranthene	18.877	202	60150	1.670	ng/ul	97
20) Pyrene	19.239	202	44234	1.136	ng/ul	97
21) Benzo(a)anthracene	20.997	228	26123	0.813	ng/ul	100
22) Chrysene	21.050	228	29783	0.726	ng/ul	99
24) Benzo(b)fluoranthene	22.487	252	45649m	1.339	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	18555m	0.458	ng/ul	
26) Benzo(a)pyrene	23.013	252	15688m	0.497	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.152	276	17818	0.345	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.159	278	5305	0.138	ng/ul#	88
29) Benzo(g,h,i)perylene	25.776	276	2554	0.058	ng/ul#	70

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

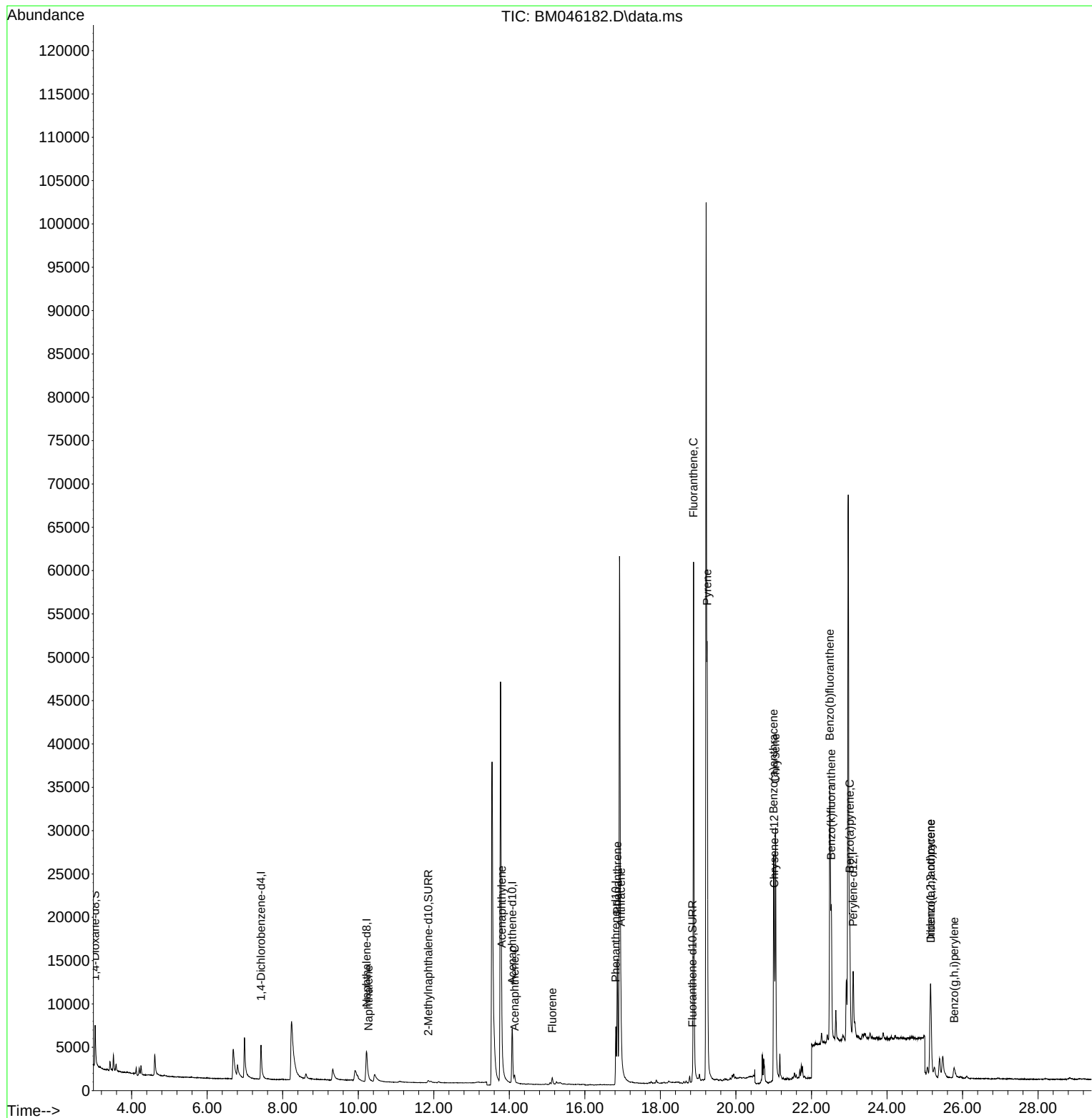
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046182.D
Acq On : 22 Jun 2024 05:21
Operator : MA/JU
Sample : P2754-03DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

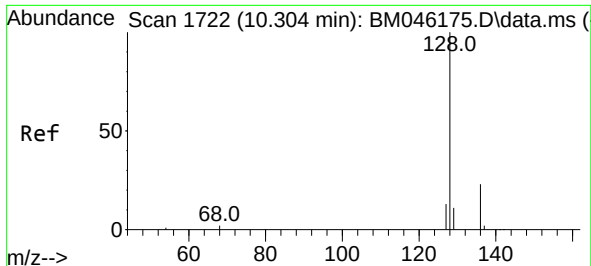
Instrument :
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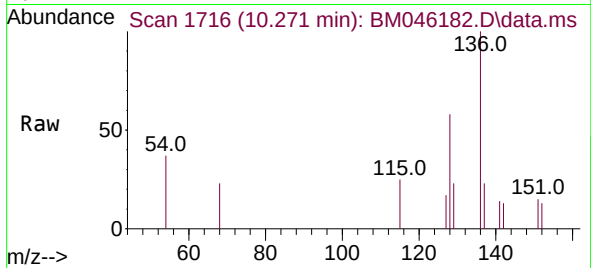
Quant Time: Jun 22 05:56:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.271 min Scan# 1716
Delta R.T. -0.031 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21

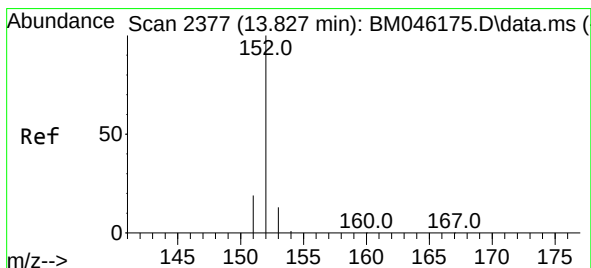
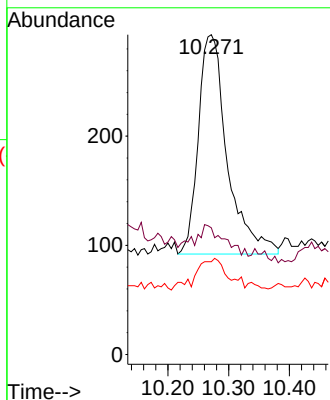
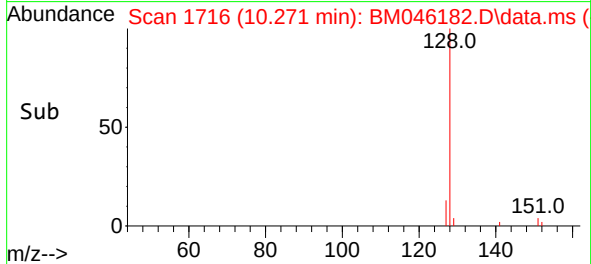
Instrument :
BNA_M
ClientSampleId :
A4BP4DL



Tgt Ion:	128	Resp:	66
Ion	Ratio	Lower	Upper
128	100		
129	39.6	11.8	17.6
127	29.0	12.8	19.2

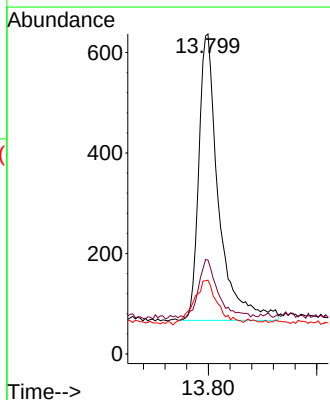
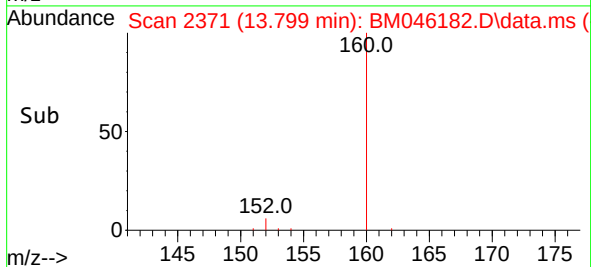
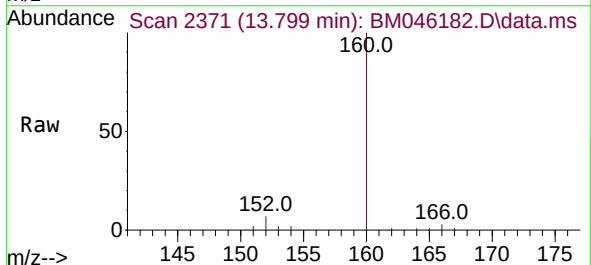
Manual Integrations
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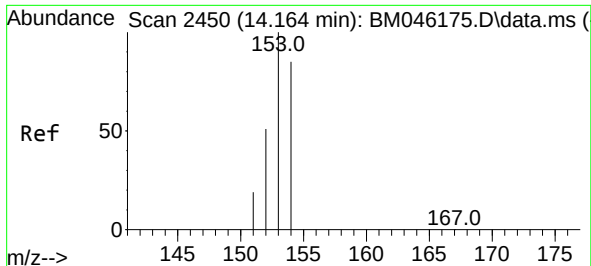
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 13.799 min Scan# 2371
Delta R.T. -0.035 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21

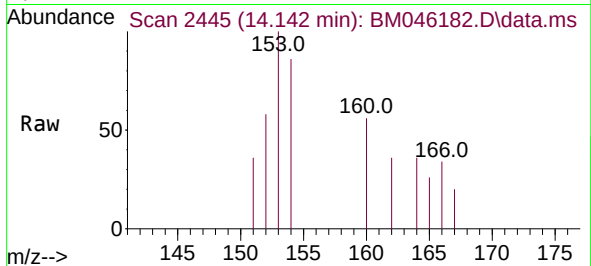
Tgt Ion:	152	Resp:	1445
Ion	Ratio	Lower	Upper
152	100		
151	29.4	17.4	26.2
153	23.1	11.8	17.8





#11
Acenaphthene
Concen: 0.037 ng/u1
RT: 14.142 min Scan# 2445
Delta R.T. -0.031 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21

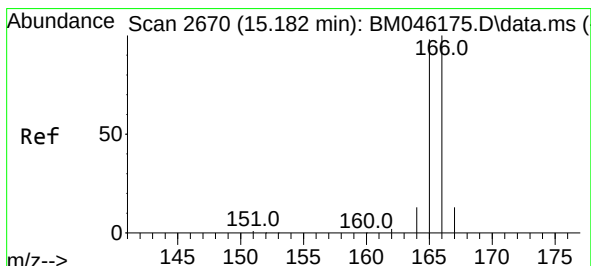
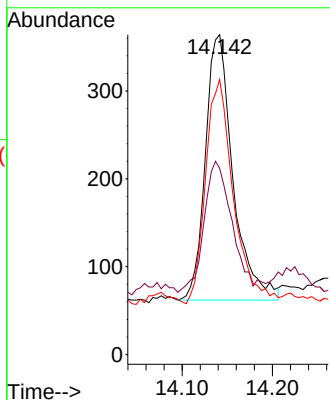
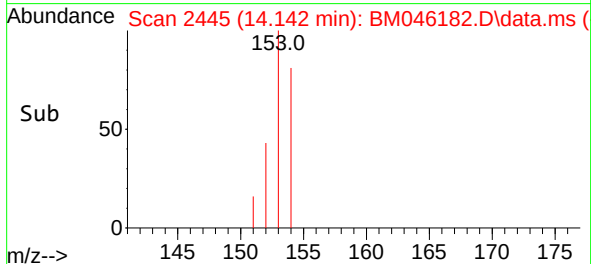
Instrument :
BNA_M
ClientSampleId :
A4BP4DL



Tgt Ion:153 Resp: 64
Ion Ratio Lower Upper
153 100
152 58.2 41.3 61.9
154 86.0 68.2 102.4

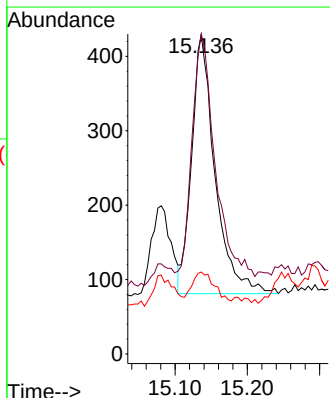
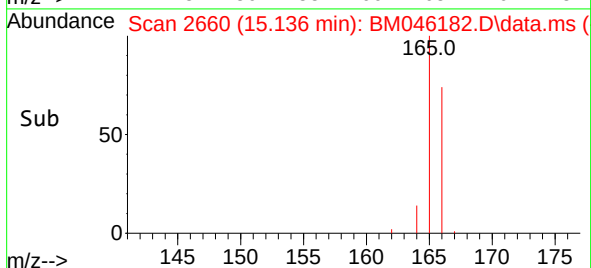
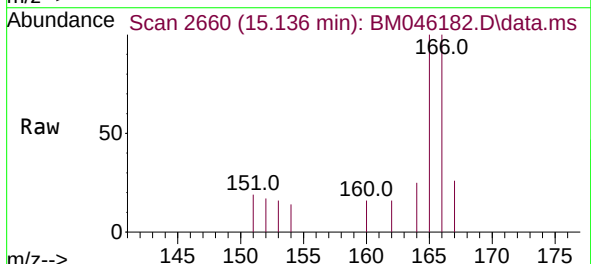
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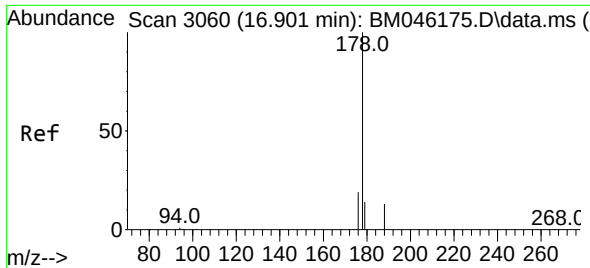
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.042 ng/u1
RT: 15.136 min Scan# 2660
Delta R.T. -0.045 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21

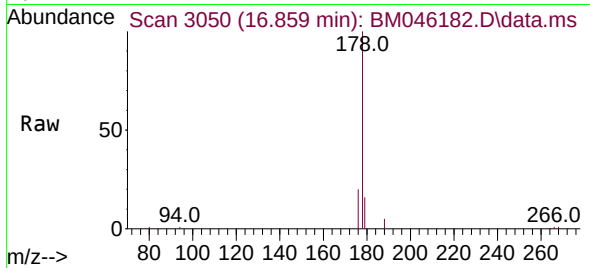
Tgt Ion:166 Resp: 784
Ion Ratio Lower Upper
166 100
165 100.2 80.4 120.6
167 25.6 12.4 18.6#





#15
Phenanthrene
Concen: 0.716 ng/u1
RT: 16.859 min Scan# 3060
Delta R.T. -0.045 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21

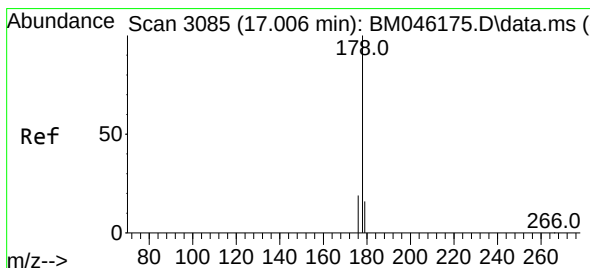
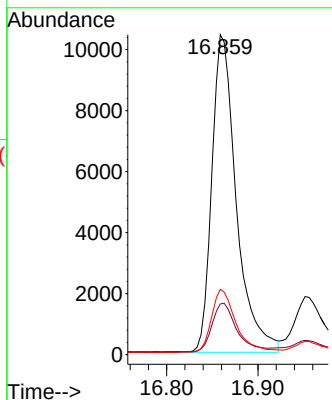
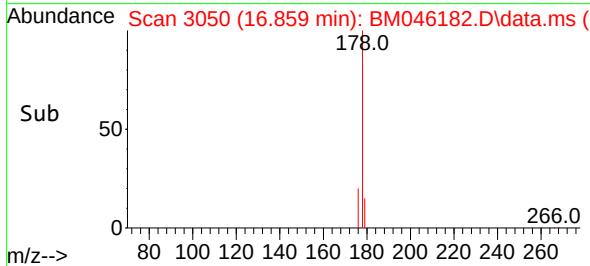
Instrument :
BNA_M
ClientSampleId :
A4BP4DL



Tgt Ion:178 Resp: 19380
Ion Ratio Lower Upper
178 100
179 15.9 14.2 21.2
176 20.4 17.1 25.7

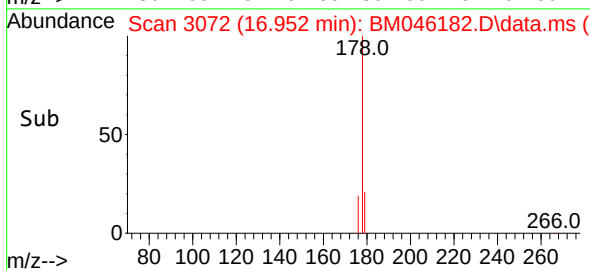
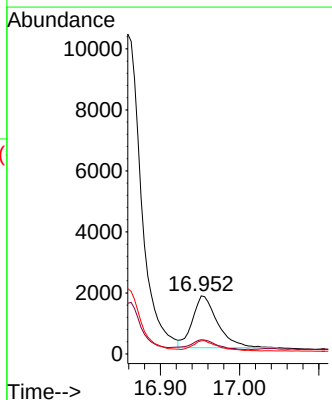
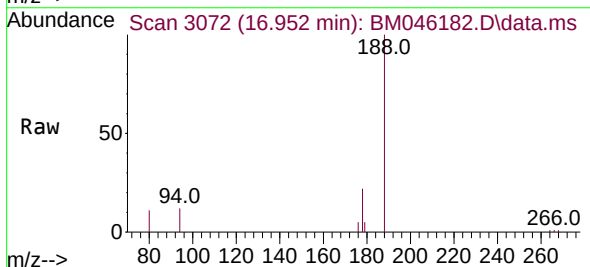
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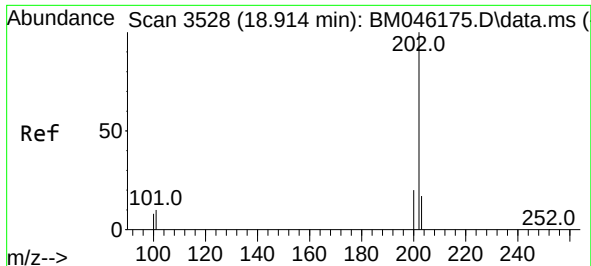
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 0.186 ng/u1
RT: 16.952 min Scan# 3072
Delta R.T. -0.053 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21

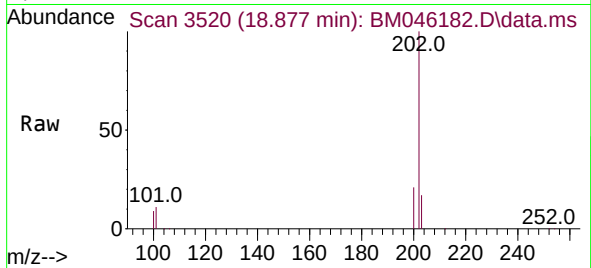
Tgt Ion:178 Resp: 3760
Ion Ratio Lower Upper
178 100
179 24.6 14.9 22.3#
176 22.6 17.0 25.4





#19
Fluoranthene
Concen: 1.670 ng/u1
RT: 18.877 min Scan# 3520
Delta R.T. -0.040 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21

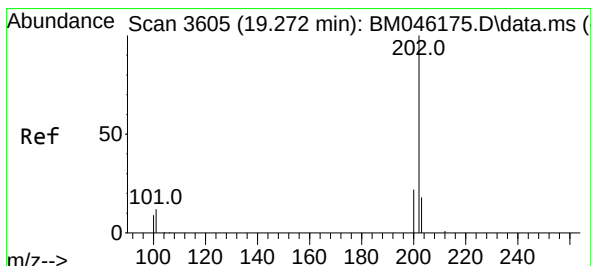
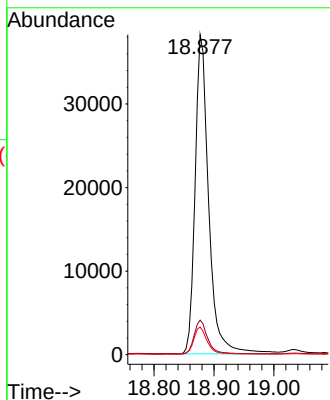
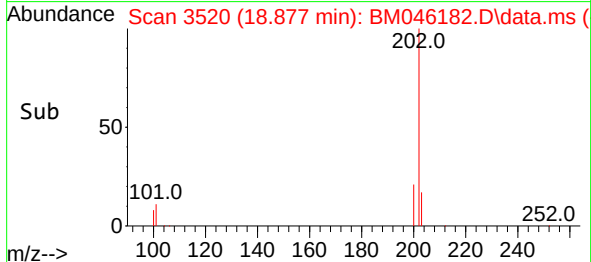
Instrument :
BNA_M
ClientSampleId :
A4BP4DL



Tgt Ion:202 Resp: 60150
Ion Ratio Lower Upper
202 100
101 10.8 9.6 14.4
100 8.7 7.6 11.4

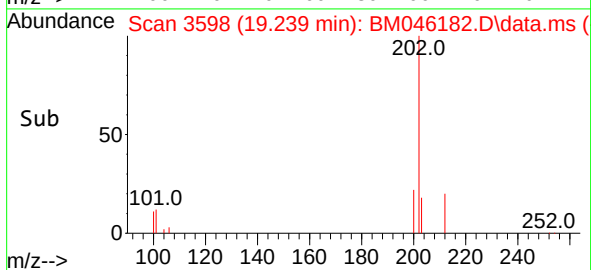
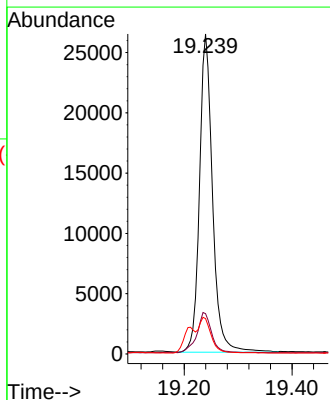
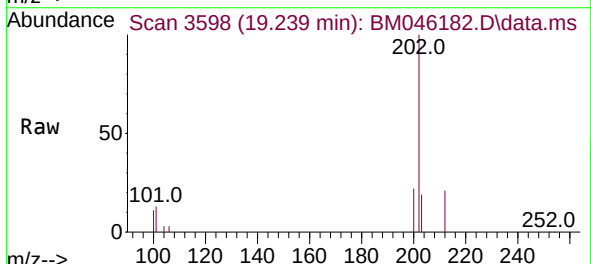
Manual Integrations
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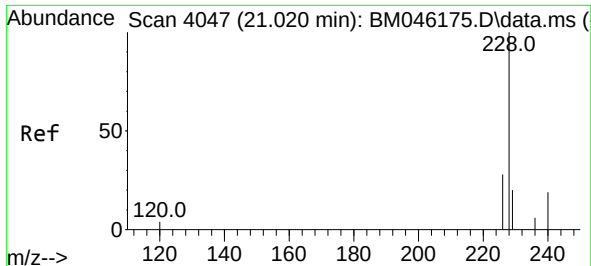
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 1.136 ng/u1
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21

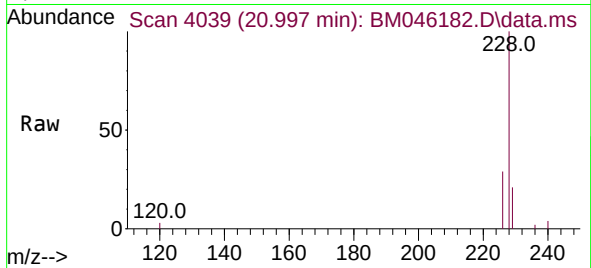
Tgt Ion:202 Resp: 44234
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 11.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.813 ng/u1
RT: 20.997 min Scan# 4039
Delta R.T. -0.032 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21

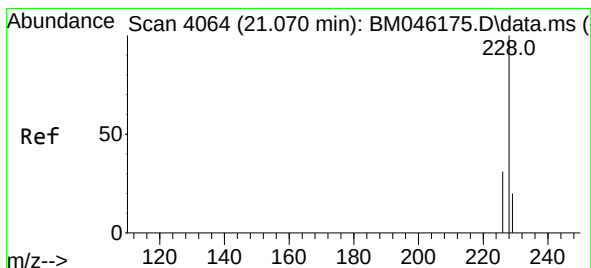
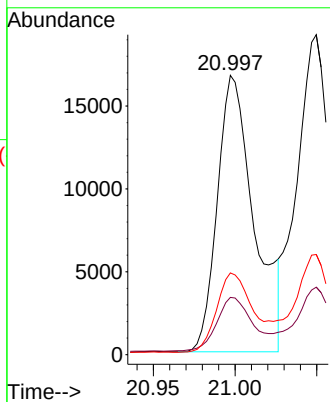
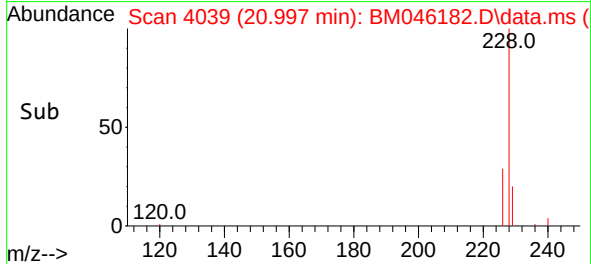
Instrument :
BNA_M
ClientSampleId :
A4BP4DL



Tgt Ion:228 Resp: 2612
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 29.2 23.4 35.2

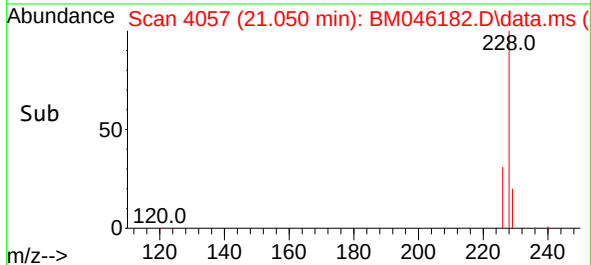
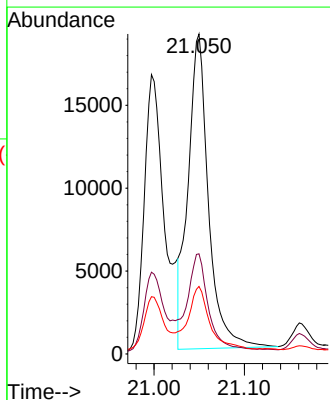
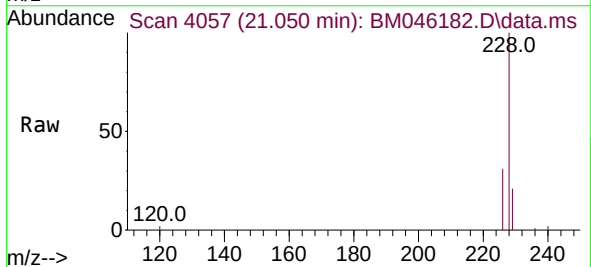
Manual Integrations
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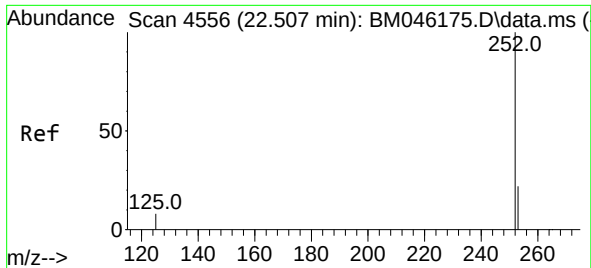
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 0.726 ng/u1
RT: 21.050 min Scan# 4057
Delta R.T. -0.026 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21

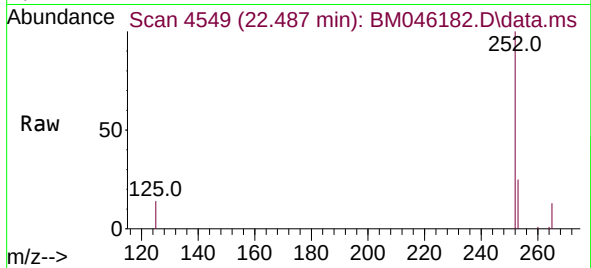
Tgt Ion:228 Resp: 29783
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 21.1 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.339 ng/ul m
RT: 22.487 min Scan# 4549
Delta R.T. -0.032 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21

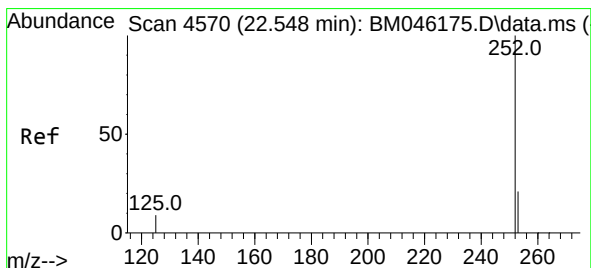
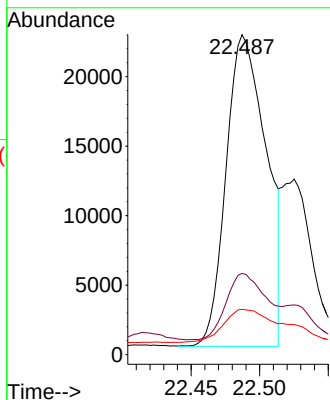
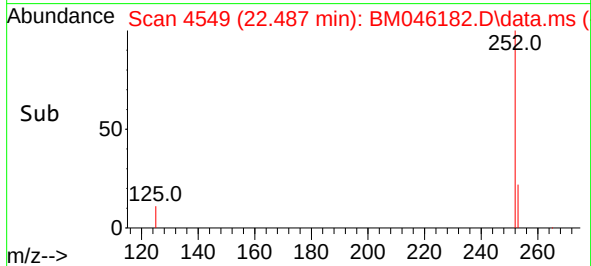
Instrument :
BNA_M
ClientSampleId :
A4BP4DL



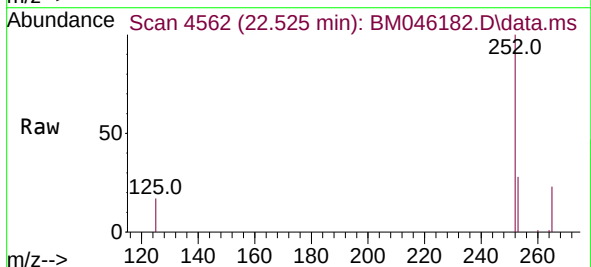
Tgt Ion:252 Resp: 45649
Ion Ratio Lower Upper
252 100
253 25.4 0.0 65.8
125 14.2 0.0 40.2

Manual Integrations
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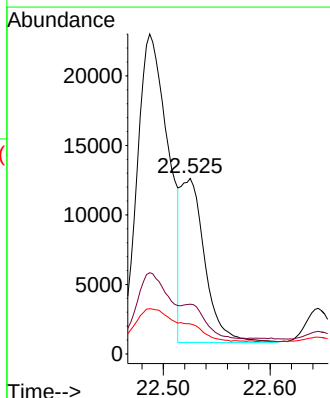
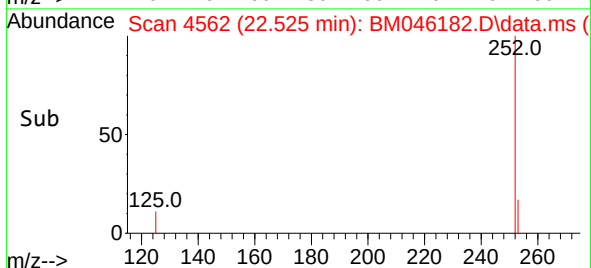
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

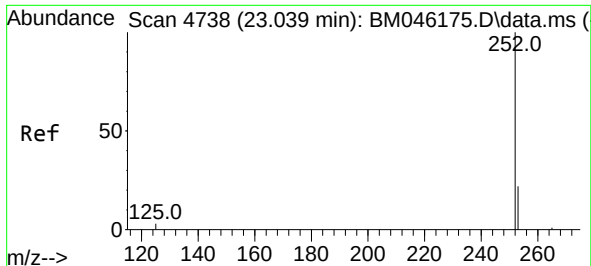


#25
Benzo(k)fluoranthene
Concen: 0.458 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.038 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21



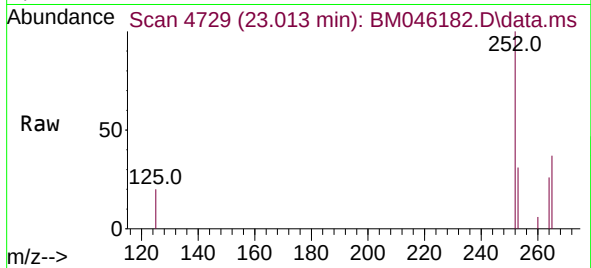
Tgt Ion:252 Resp: 18555
Ion Ratio Lower Upper
252 100
253 28.4 27.2 40.8
125 17.1 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.497 ng/ul m
RT: 23.013 min Scan# 4
Delta R.T. -0.041 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21

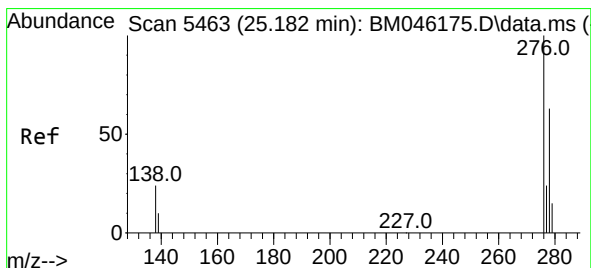
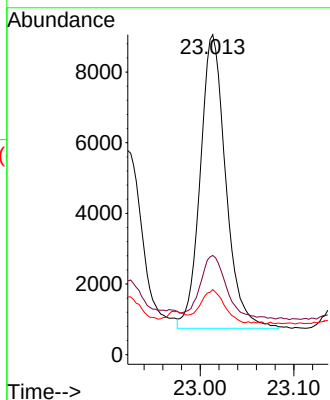
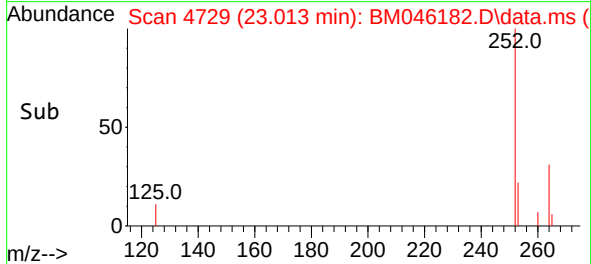
Instrument :
BNA_M
ClientSampleId :
A4BP4DL



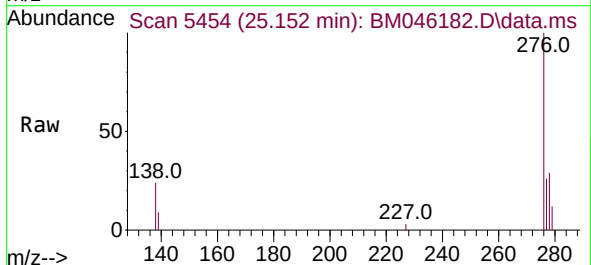
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125 20.3 21.2 31.8

Manual Integrations
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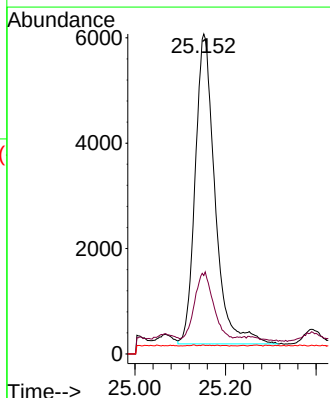
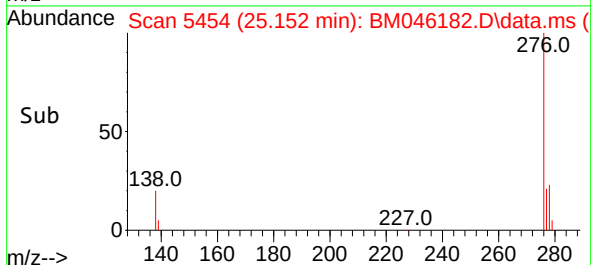
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

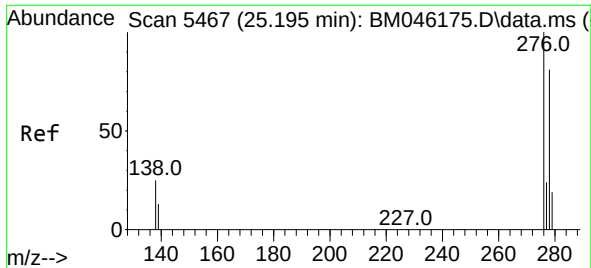


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.345 ng/ul
RT: 25.152 min Scan# 5454
Delta R.T. -0.050 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21



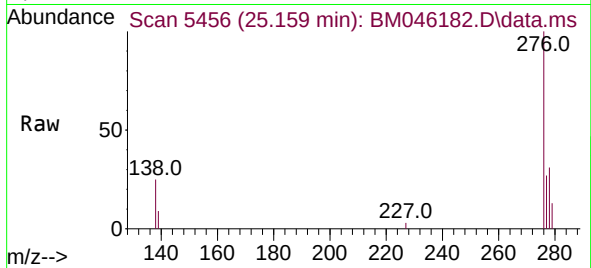
Tgt Ion:276 Resp: 17818
Ion Ratio Lower Upper
276 100
138 21.5 21.0 31.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.138 ng/ul
RT: 25.159 min Scan# 5467
Delta R.T. -0.057 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21

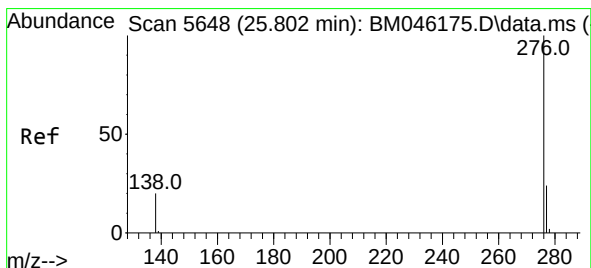
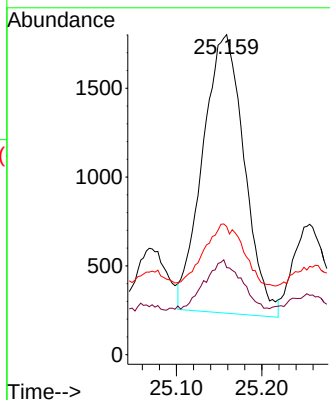
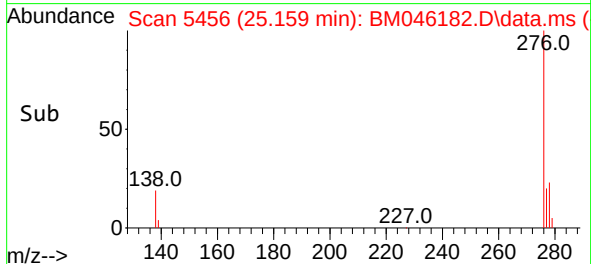
Instrument :
BNA_M
ClientSampleId :
A4BP4DL



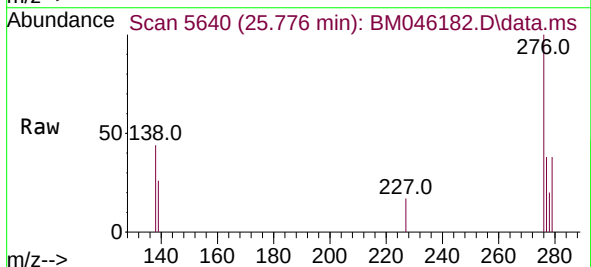
Tgt Ion:278 Resp: 530
Ion Ratio Lower Upper
278 100
139 27.2 17.6 26.4
279 40.1 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.058 ng/ul
RT: 25.776 min Scan# 5640
Delta R.T. -0.054 min
Lab File: BM046182.D
Acq: 22 Jun 2024 05:21



Tgt Ion:276 Resp: 2554
Ion Ratio Lower Upper
276 100
138 44.5 21.7 32.5#
277 38.5 20.4 30.6#

