

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046186.D
 Acq On : 22 Jun 2024 07:46
 Operator : MA/JU
 Sample : P2754-09DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP8DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 10:57:32 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	3078	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.222	136	8566	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.076	164	4829	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.820	188	9324	0.400	ng/ul	-0.04
17) Chrysene-d12	21.017	240	8050	0.400	ng/ul	-0.03
23) Perylene-d12	23.107	264	9462m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	2734	0.647	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.844	152	560	0.049	ng/ul	-0.02
18) Fluoranthene-d10	18.849	212	1236	0.051	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	677	0.028	ng/ul#	49
7) 2-Methylnaphthalene	11.926	142	305	0.023	ng/ul#	80
8) 1-Methylnaphthalene	12.124	142	315	0.021	ng/ul	85
10) Acenaphthylene	13.794	152	820	0.036	ng/ul#	68
11) Acenaphthene	14.141	153	1008	0.061	ng/ul	94
12) Fluorene	15.131	166	1049	0.059	ng/ul#	97
15) Phenanthrene	16.858	178	15332	0.585	ng/ul	97
16) Anthracene	16.951	178	3009	0.154	ng/ul#	92
19) Fluoranthene	18.881	202	24901	0.714	ng/ul	97
20) Pyrene	19.239	202	21261	0.564	ng/ul	99
21) Benzo(a)anthracene	21.000	228	11983	0.385	ng/ul	95
22) Chrysene	21.052	228	11534	0.291	ng/ul	97
24) Benzo(b)fluoranthene	22.490	252	16256m	0.477	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	7582m	0.187	ng/ul	
26) Benzo(a)pyrene	23.013	252	6218	0.197	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.162	276	6267	0.121	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.158	278	1893	0.049	ng/ul#	43
29) Benzo(g,h,i)perylene	25.779	276	971	0.022	ng/ul#	31

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

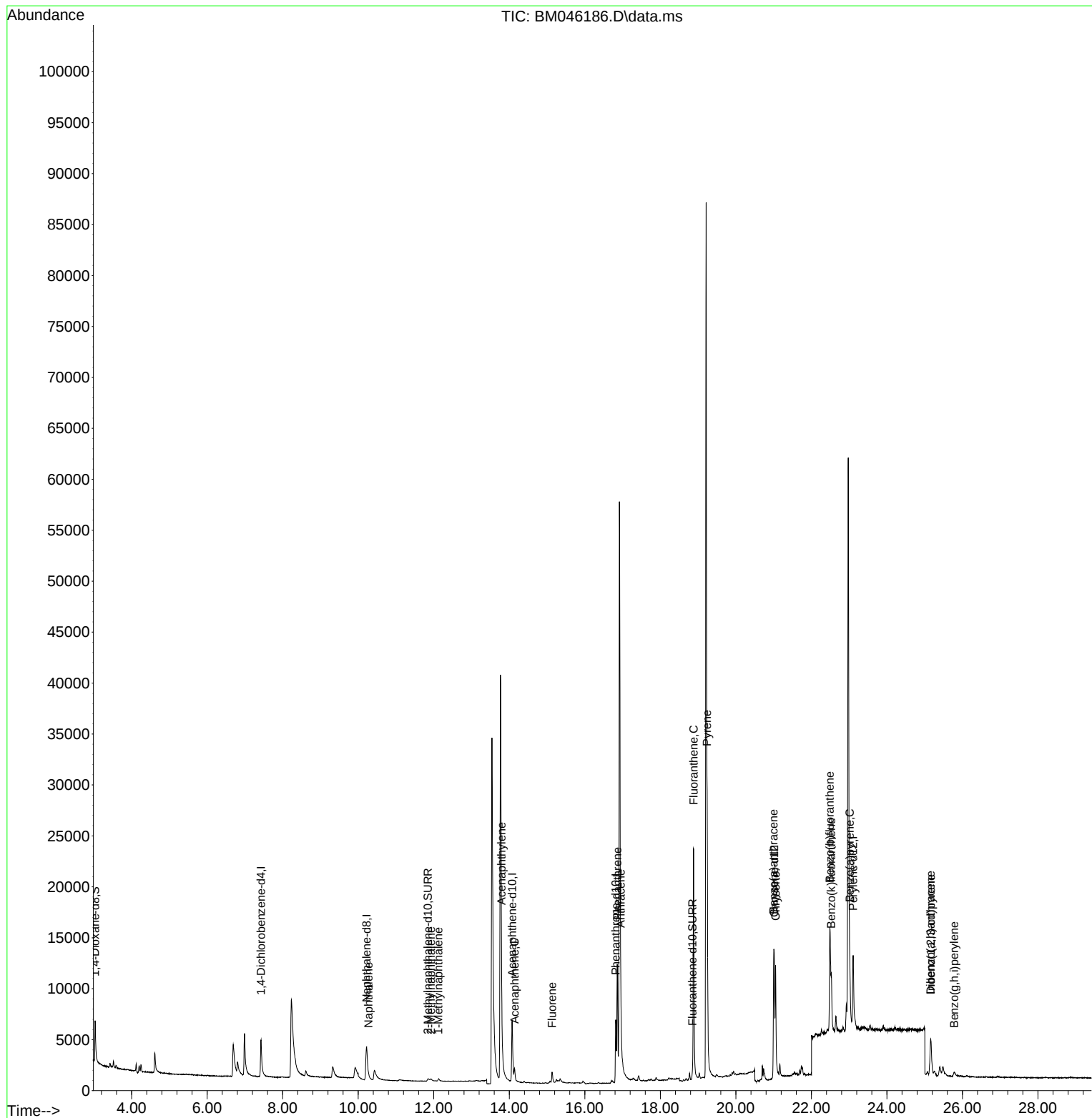
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046186.D
Acq On : 22 Jun 2024 07:46
Operator : MA/JU
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ALS Vial : 39 Sample Multiplier: 1

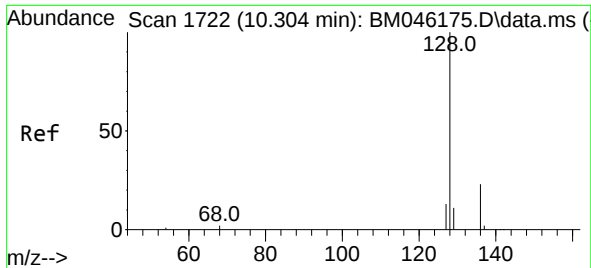
Instrument :
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ClientSampleId :
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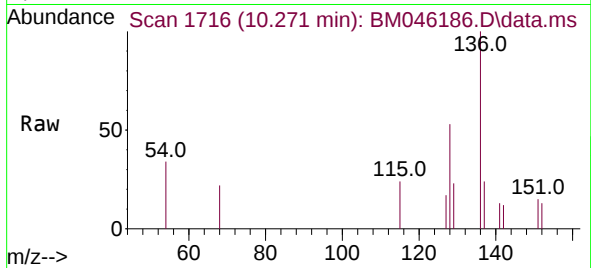
Quant Time: Jun 22 10:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.271 min Scan# 1716
Delta R.T. -0.032 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46

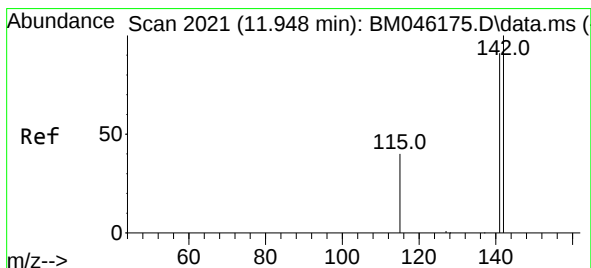
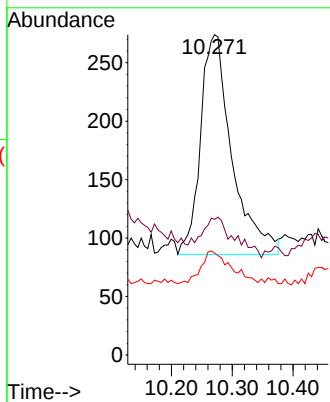
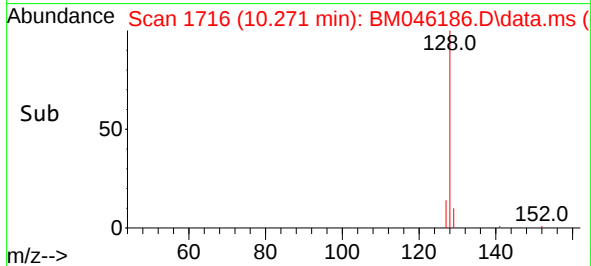
Instrument :
BNA_M
ClientSampleId :
A4BP8DL



Tgt Ion:128 Resp: 67
Ion Ratio Lower Upper
128 100
129 42.3 11.8 17.6
127 31.8 12.8 19.2

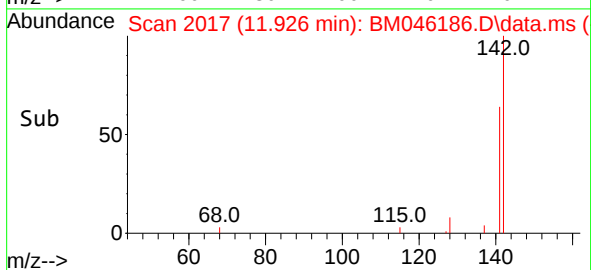
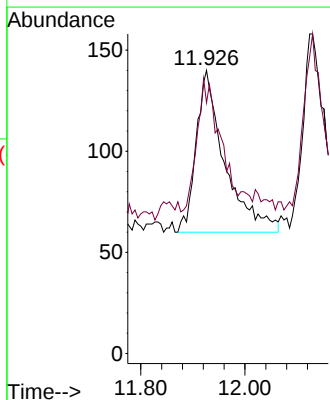
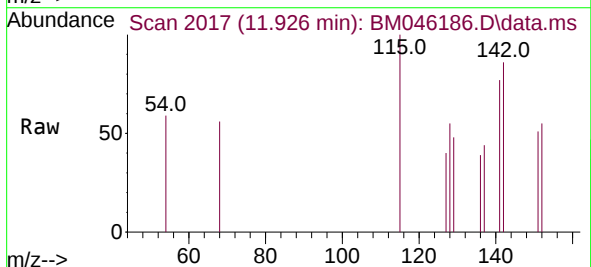
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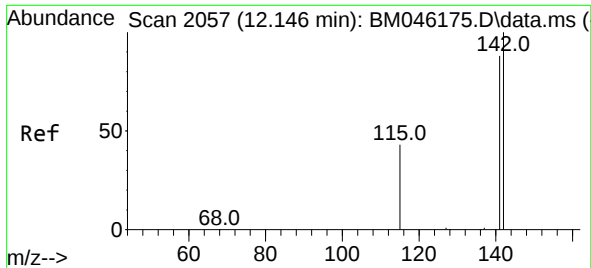
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.926 min Scan# 2017
Delta R.T. -0.021 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46

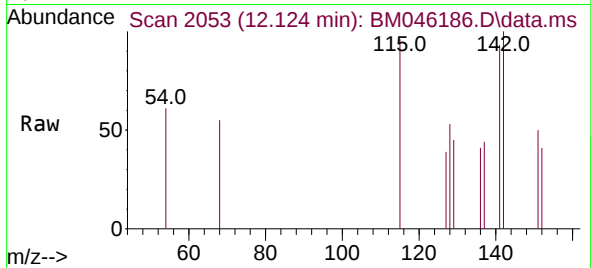
Tgt Ion:142 Resp: 305
Ion Ratio Lower Upper
142 100
141 74.1 74.6 111.8#





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.124 min Scan# 2053
Delta R.T. -0.026 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46

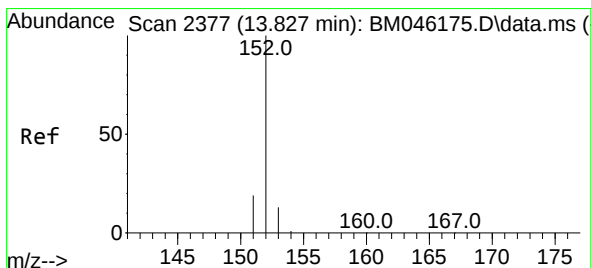
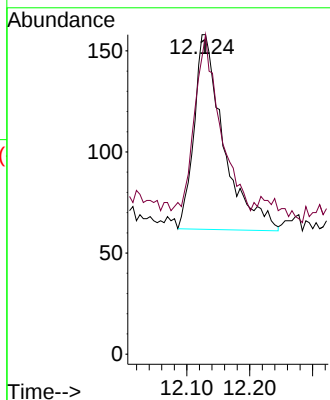
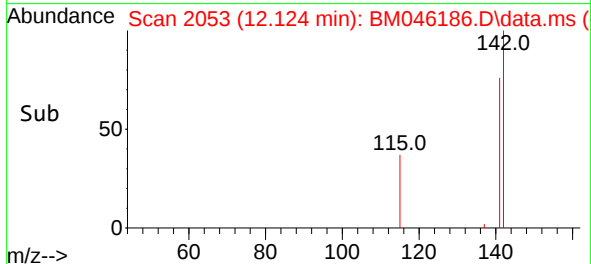
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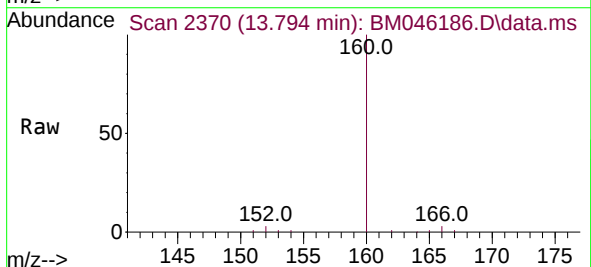
Tgt Ion:142 Resp: 315
Ion Ratio Lower Upper
142 100
141 79.4 75.2 112.8

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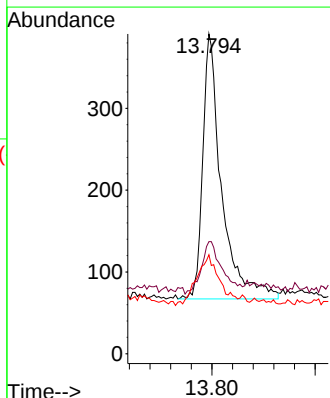
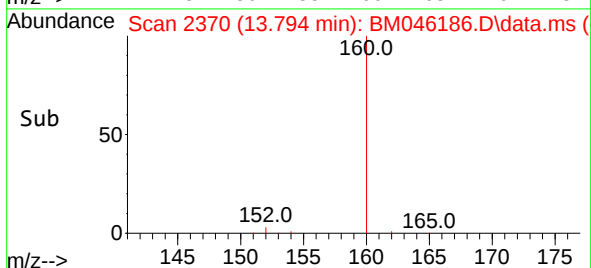
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

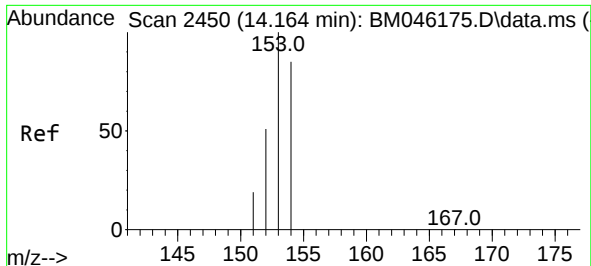


#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 13.794 min Scan# 2370
Delta R.T. -0.040 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46



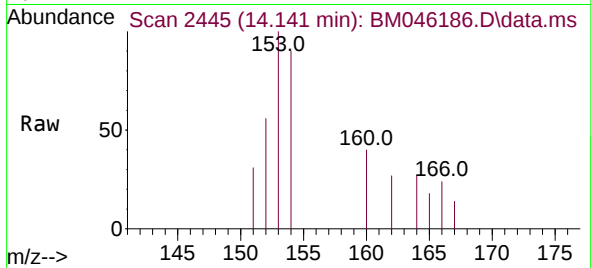
Tgt Ion:152 Resp: 820
Ion Ratio Lower Upper
152 100
151 35.0 17.4 26.2#
153 30.9 11.8 17.8#





#11
Acenaphthene
Concen: 0.061 ng/u1
RT: 14.141 min Scan# 2450
Delta R.T. -0.031 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46

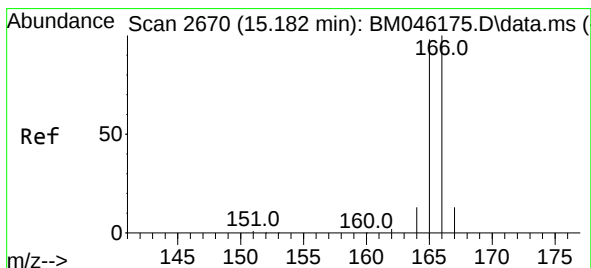
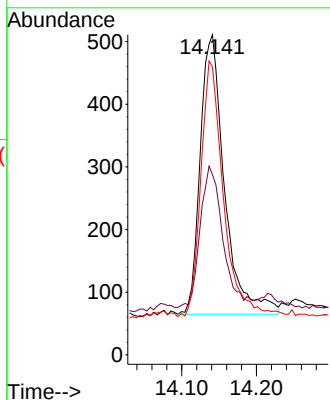
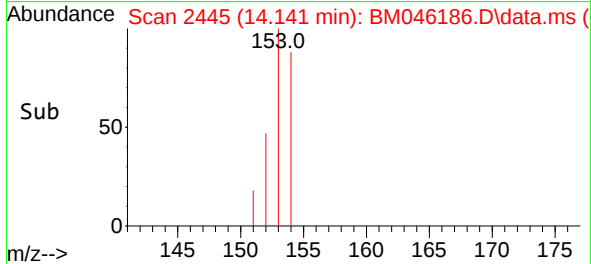
Instrument :
BNA_M
ClientSampleId :
A4BP8DL



Tgt Ion:153 Resp: 1000
Ion Ratio Lower Upper
153 100
152 56.4 41.3 61.9
154 90.0 68.2 102.4

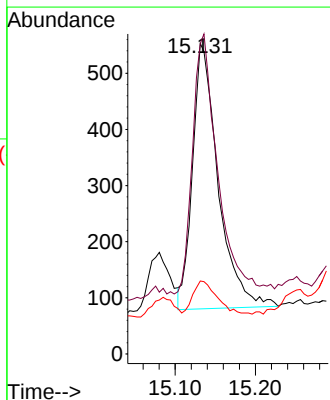
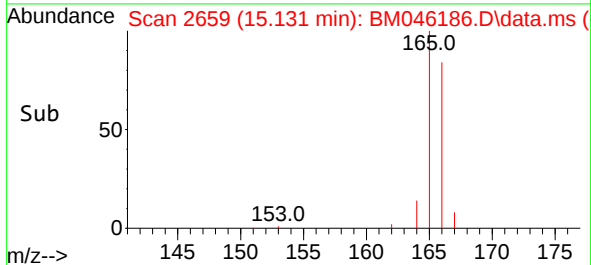
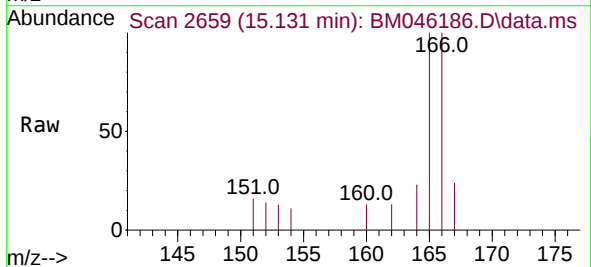
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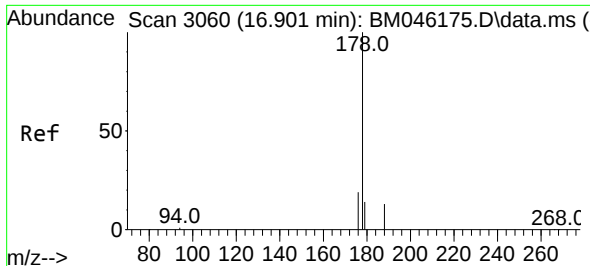
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.059 ng/u1
RT: 15.131 min Scan# 2659
Delta R.T. -0.050 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46

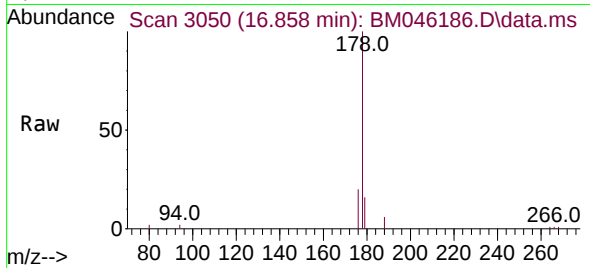
Tgt Ion:166 Resp: 1049
Ion Ratio Lower Upper
166 100
165 100.0 80.4 120.6
167 23.5 12.4 18.6#





#15
Phenanthrene
Concen: 0.585 ng/u1
RT: 16.858 min Scan# 3072
Delta R.T. -0.045 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46

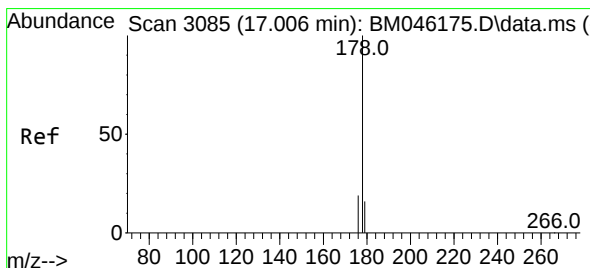
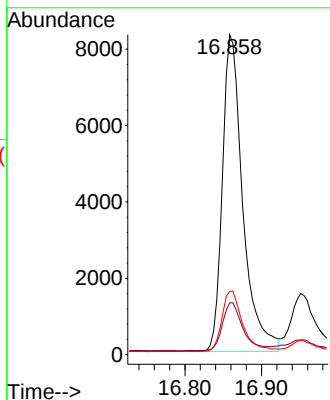
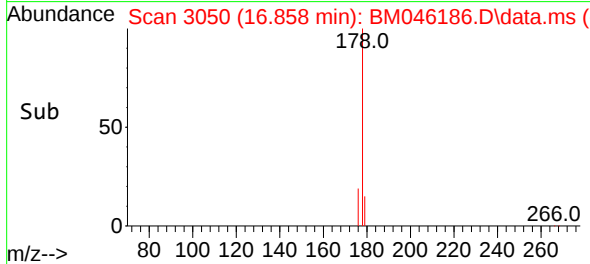
Instrument :
BNA_M
ClientSampleId :
A4BP8DL



Tgt Ion:178 Resp: 1533
Ion Ratio Lower Upper
178 100
179 16.2 14.2 21.2
176 19.8 17.1 25.7

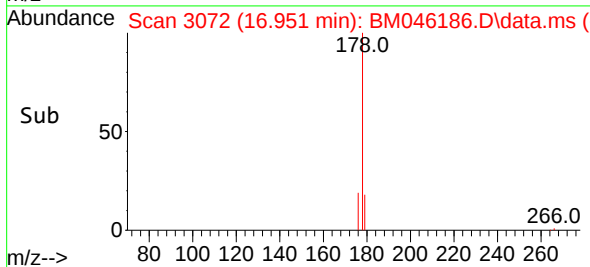
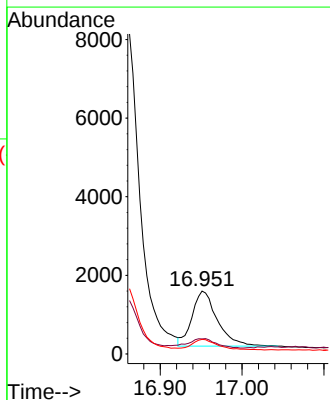
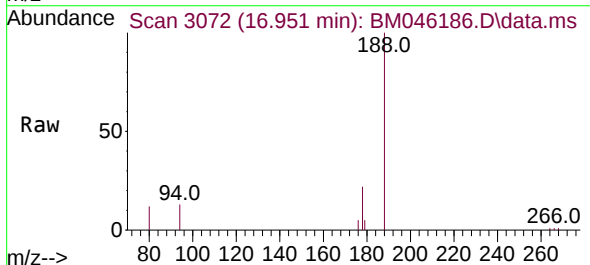
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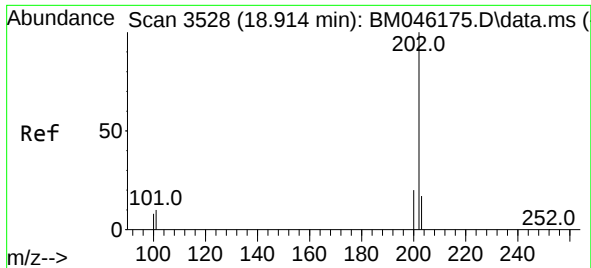
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 0.154 ng/u1
RT: 16.951 min Scan# 3072
Delta R.T. -0.054 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46

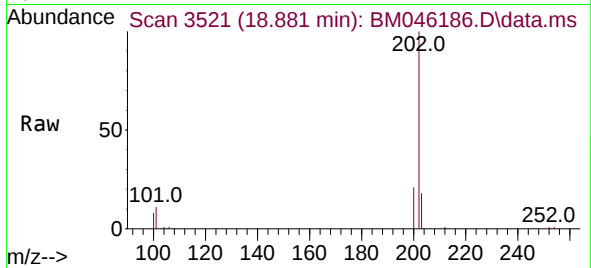
Tgt Ion:178 Resp: 3009
Ion Ratio Lower Upper
178 100
179 24.0 14.9 22.3#
176 23.2 17.0 25.4





#19
Fluoranthene
Concen: 0.714 ng/ul
RT: 18.881 min Scan# 31
Delta R.T. -0.036 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46

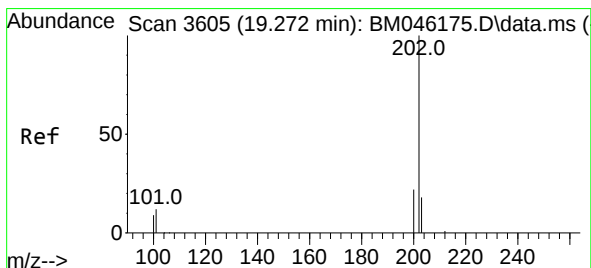
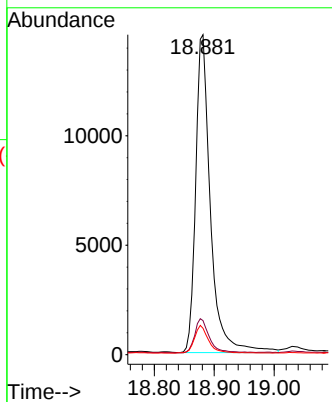
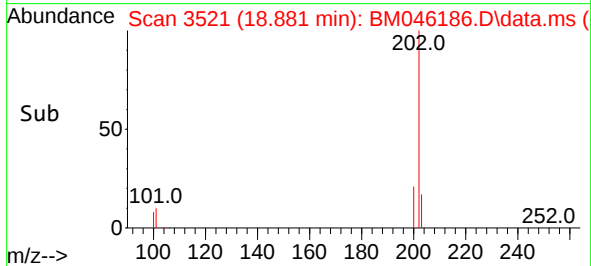
Instrument :
BNA_M
ClientSampleId :
A4BP8DL



Tgt Ion:202 Resp: 2490
Ion Ratio Lower Upper
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101 10.6 9.6 14.4
100 8.2 7.6 11.4

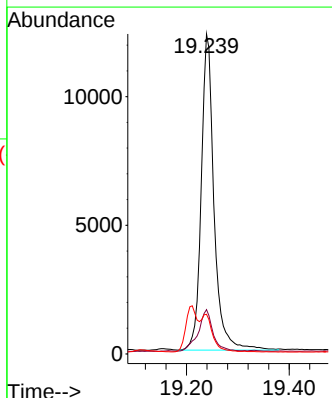
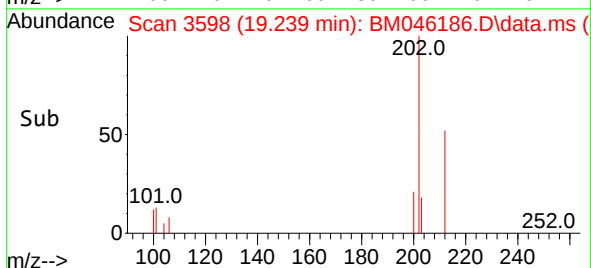
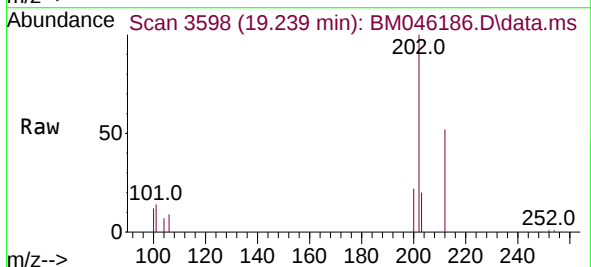
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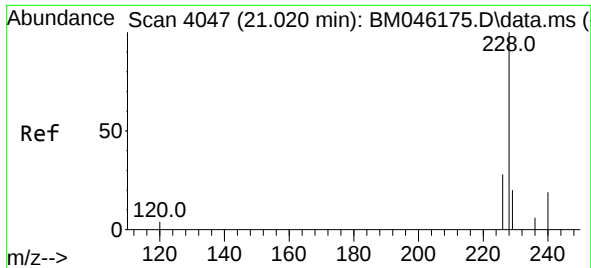
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 0.564 ng/ul
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46

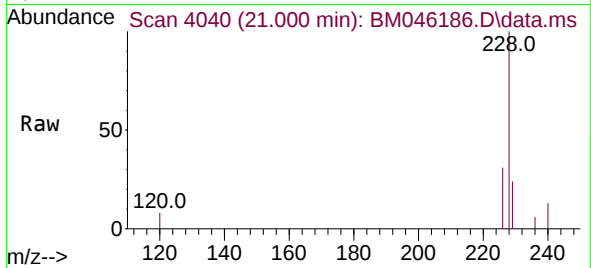
Tgt Ion:202 Resp: 21261
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 12.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.000 min Scan# 4047
Delta R.T. -0.030 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46

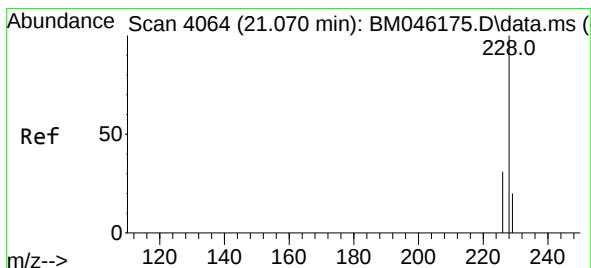
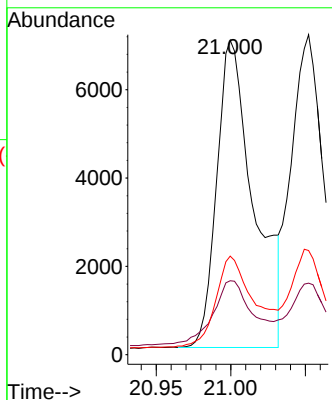
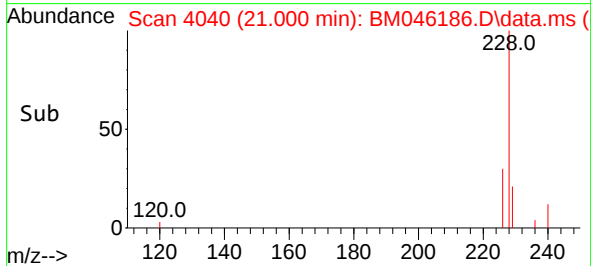
Instrument :
BNA_M
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A4BP8DL



Tgt Ion:228 Resp: 11983
Ion Ratio Lower Upper
228 100
229 23.5 16.4 24.6
226 31.4 23.4 35.2

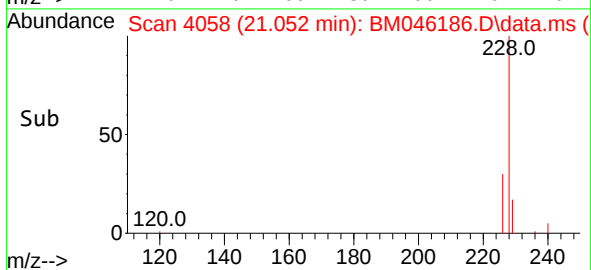
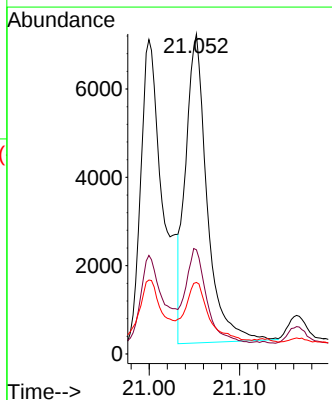
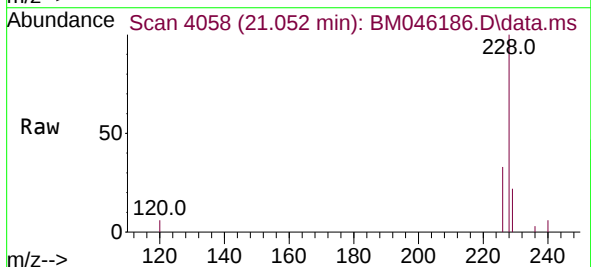
Manual Integrations
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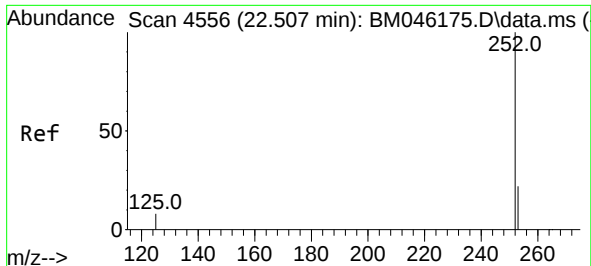
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 0.291 ng/ul
RT: 21.052 min Scan# 4058
Delta R.T. -0.024 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46

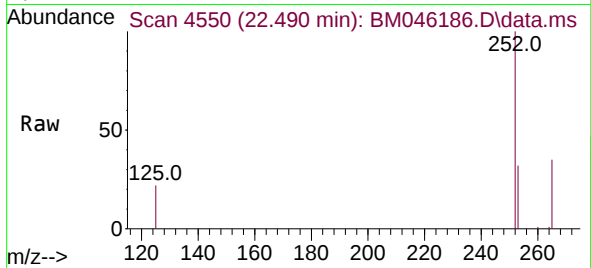
Tgt Ion:228 Resp: 11534
Ion Ratio Lower Upper
228 100
226 32.6 25.2 37.8
229 22.4 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.477 ng/ul m
RT: 22.490 min Scan# 4556
Delta R.T. -0.030 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46

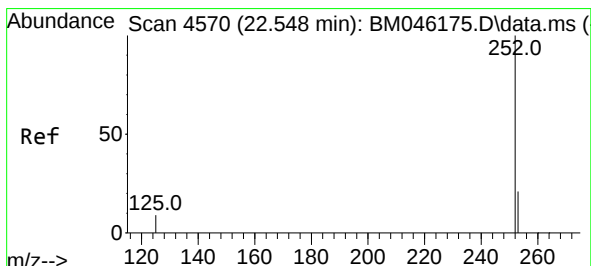
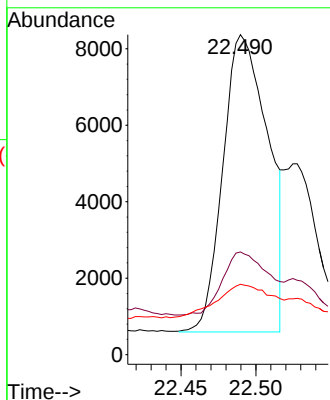
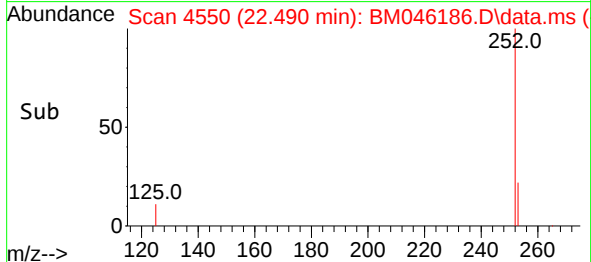
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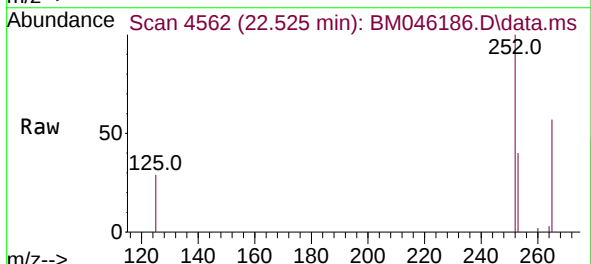
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Ion Ratio Lower Upper
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253 32.1 0.0 65.8
125 22.0 0.0 40.2

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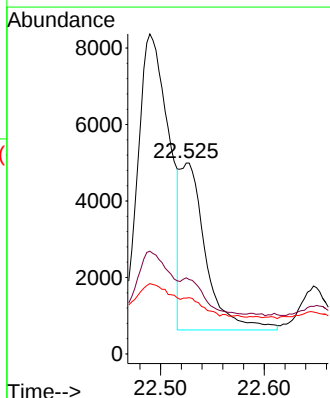
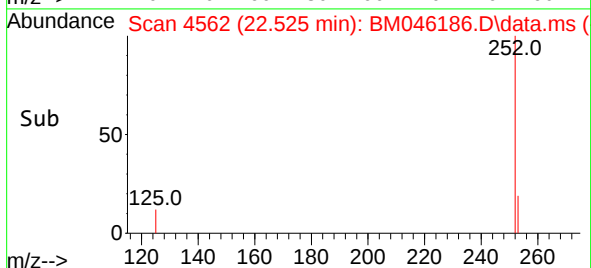
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

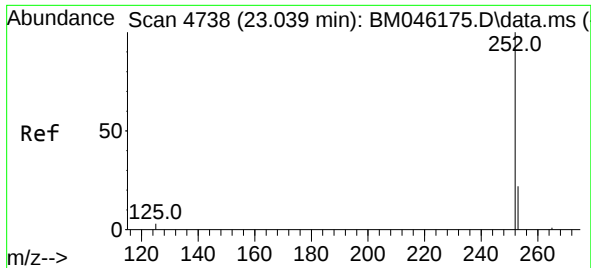


#25
Benzo(k)fluoranthene
Concen: 0.187 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.039 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46



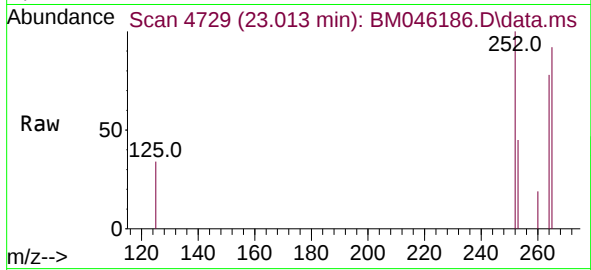
Tgt Ion:252 Resp: 7582
Ion Ratio Lower Upper
252 100
253 39.8 27.2 40.8
125 29.2 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 0.197 ng/ul
RT: 23.013 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46

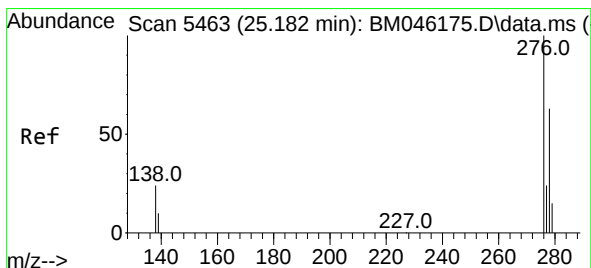
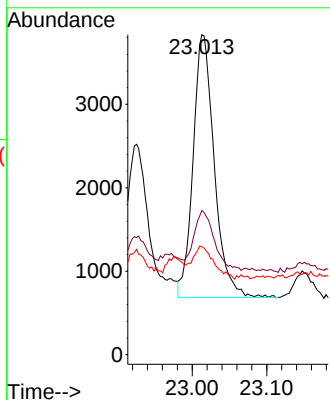
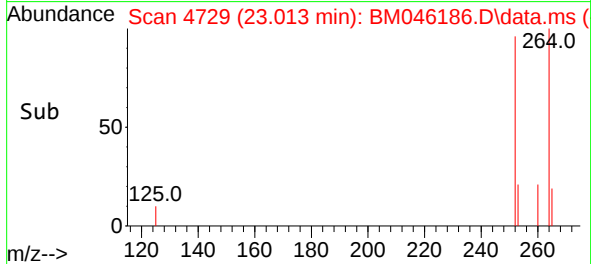
Instrument :
BNA_M
ClientSampleId :
A4BP8DL



Tgt Ion:252 Resp: 6218
Ion Ratio Lower Upper
252 100
253 45.0 32.1 48.1
125 33.8 21.2 31.8

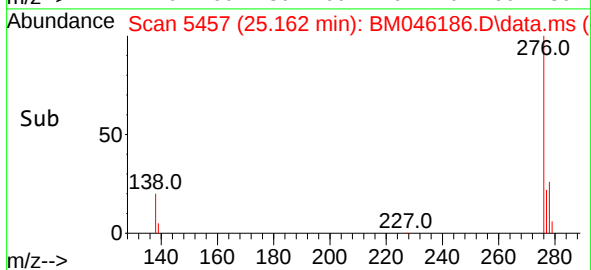
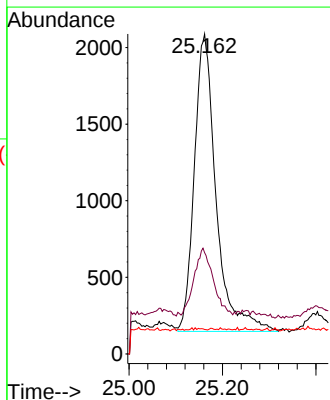
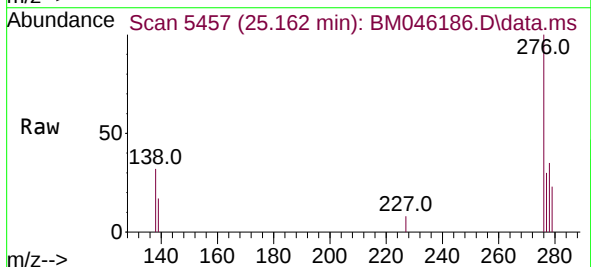
Manual Integrations
APPROVED

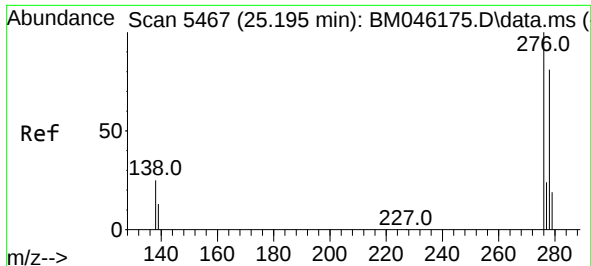
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.121 ng/ul
RT: 25.162 min Scan# 5457
Delta R.T. -0.041 min
Lab File: BM046186.D
Acq: 22 Jun 2024 07:46

Tgt Ion:276 Resp: 6267
Ion Ratio Lower Upper
276 100
138 21.0 21.0 31.4#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.049 ng/ul

RT: 25.158 min Scan# 5467

Delta R.T. -0.058 min

Lab File: BM046186.D

Acq: 22 Jun 2024 07:46

Instrument :

BNA_M

ClientSampleId :

A4BP8DL

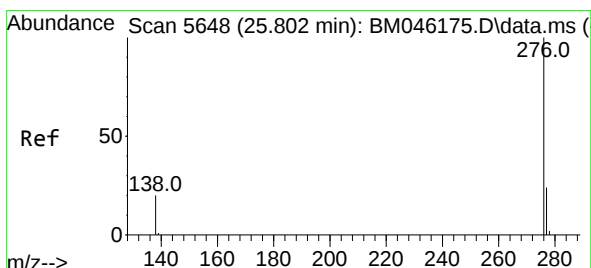
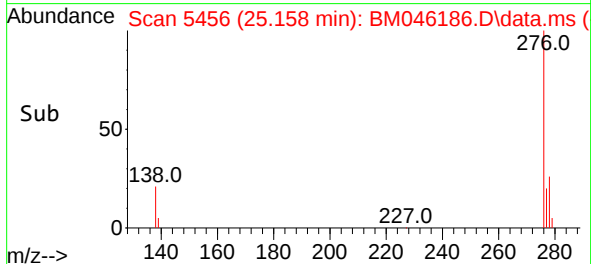
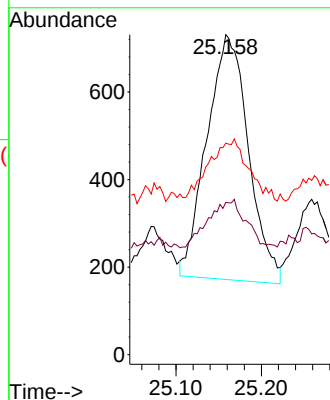
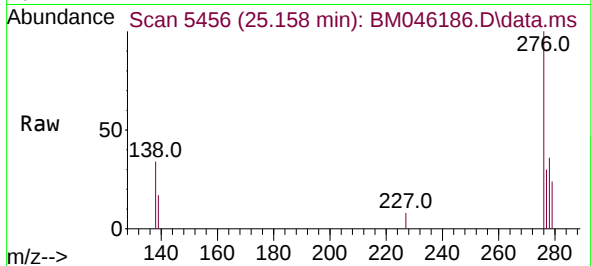
Tgt Ion:	278	Resp:	189
Ion Ratio	Lower	Upper	
278	100		
139	47.6	17.6	26.4
279	66.1	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#29

Benzo(g,h,i)perylene

Concen: 0.022 ng/ul

RT: 25.779 min Scan# 5641

Delta R.T. -0.051 min

Lab File: BM046186.D

Acq: 22 Jun 2024 07:46

Tgt Ion:	276	Resp:	971
Ion Ratio	Lower	Upper	
276	100		
138	70.9	21.7	32.5
277	52.6	20.4	30.6

