

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046119.D
 Acq On : 20 Jun 2024 12:41
 Operator : MA/JU
 Sample : P2710-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BM0

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 13:14:08 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	2315	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.200	136	6632	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.076	164	3600	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	7581m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.020	240	6146m	0.400	ng/ul	-0.02
23) Perylene-d12	23.110	264	6520m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	12865	4.051	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.827	152	2271	0.255	ng/ul	-0.04
18) Fluoranthene-d10	18.849	212	4796	0.261	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.244	128	711	0.038	ng/ul#	73
7) 2-Methylnaphthalene	11.910	142	218	0.021	ng/ul	89
10) Acenaphthylene	13.790	152	2407	0.141	ng/ul#	92
11) Acenaphthene	14.137	153	735	0.060	ng/ul	95
12) Fluorene	15.127	166	870	0.066	ng/ul#	94
15) Phenanthrene	16.858	178	18067m	0.848	ng/ul	
16) Anthracene	16.947	178	4086m	0.258	ng/ul	
19) Fluoranthene	18.881	202	41706	1.567	ng/ul	97
20) Pyrene	19.244	202	36977	1.285	ng/ul	96
21) Benzo(a)anthracene	21.003	228	18041	0.760	ng/ul	98
22) Chrysene	21.052	228	20222	0.667	ng/ul	99
24) Benzo(b)fluoranthene	22.493	252	33566m	1.429	ng/ul	
25) Benzo(k)fluoranthene	22.531	252	11955m	0.428	ng/ul	
26) Benzo(a)pyrene	23.016	252	21452	0.986	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.162	276	18800	0.528	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.158	278	4052	0.153	ng/ul#	80
29) Benzo(g,h,i)perylene	25.782	276	18925	0.620	ng/ul	98

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

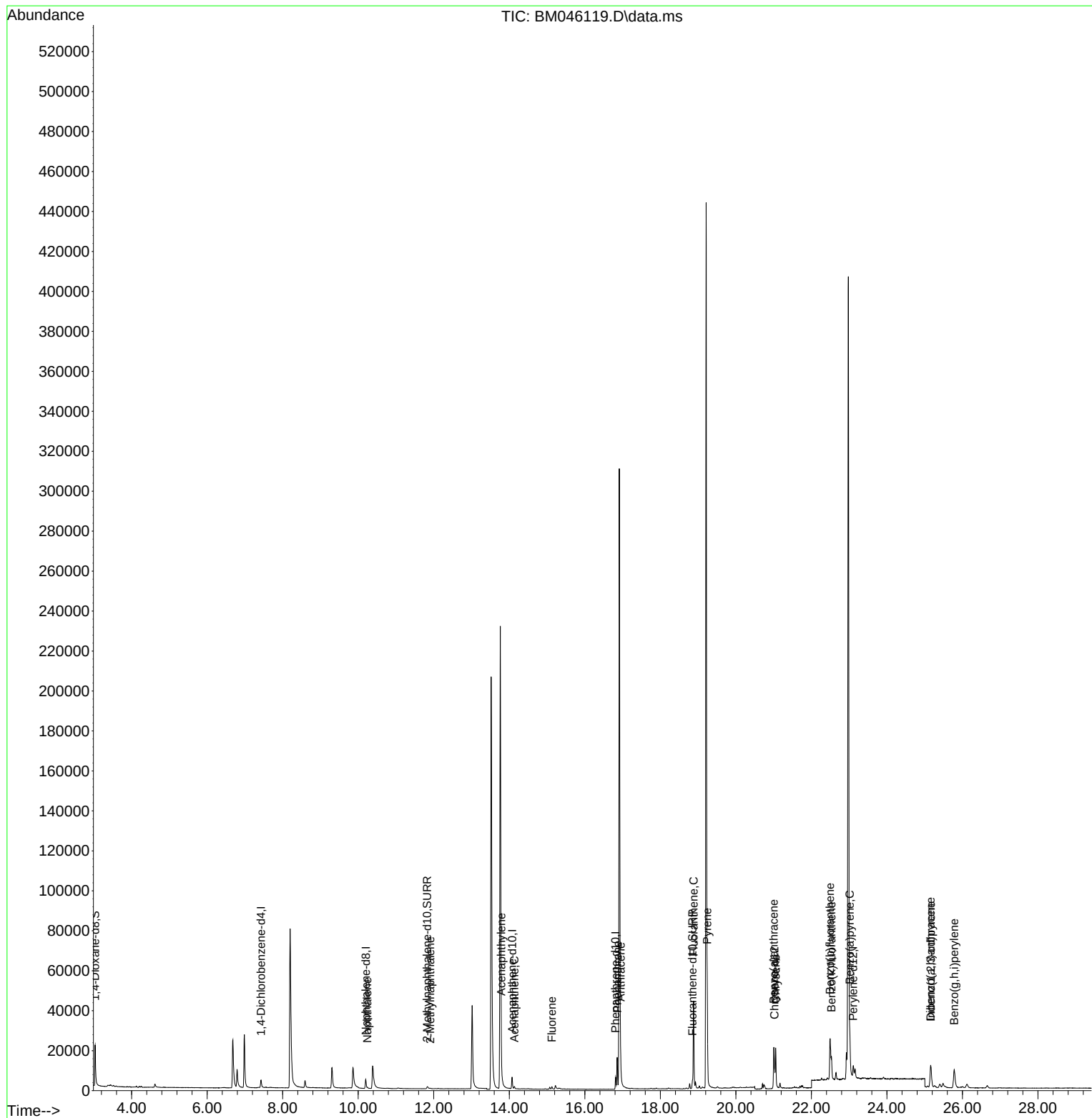
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046119.D
Acq On : 20 Jun 2024 12:41
Operator : MA/JU
Sample : P2710-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

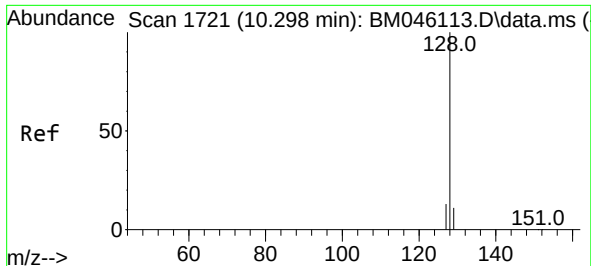
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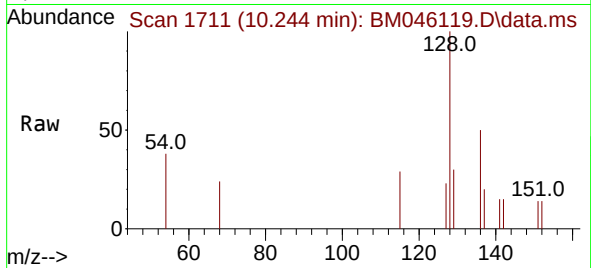
Quant Time: Jun 20 13:14:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.244 min Scan# 1711
Delta R.T. -0.059 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41

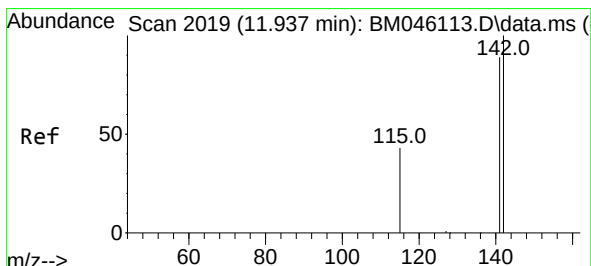
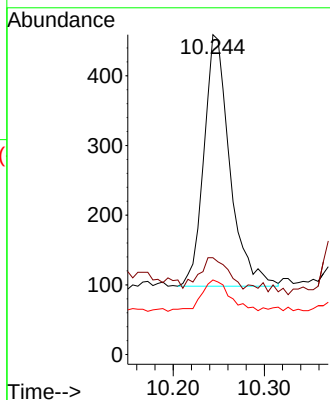
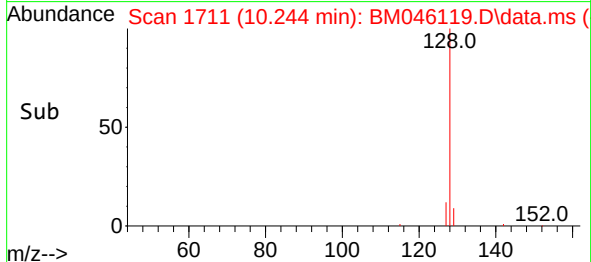
Instrument :
BNA_M
ClientSampleId :
A4BM0



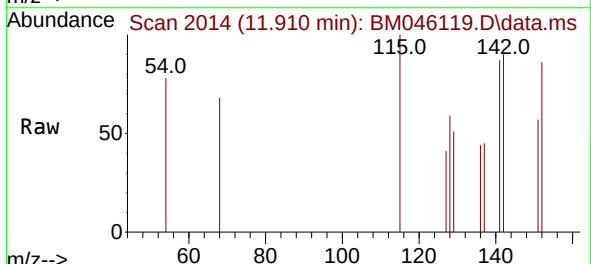
Tgt Ion:128 Resp: 711
Ion Ratio Lower Upper
128 100
129 30.3 11.8 17.6
127 23.3 12.8 19.2

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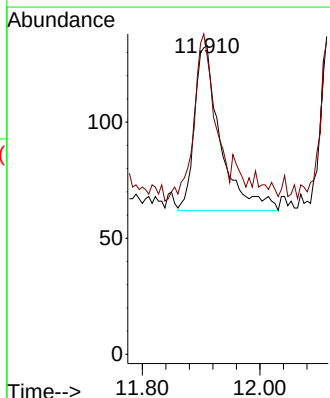
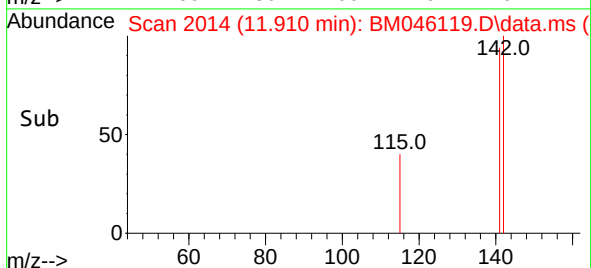
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

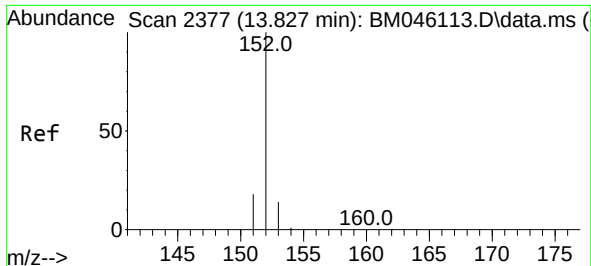


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.037 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41



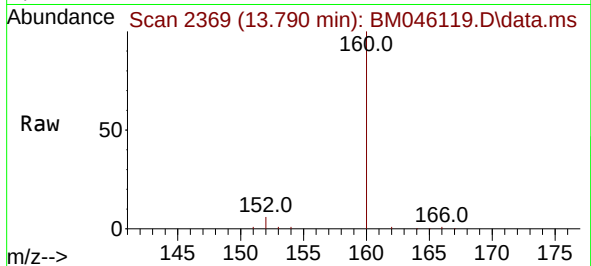
Tgt Ion:142 Resp: 218
Ion Ratio Lower Upper
142 100
141 82.6 74.6 111.8





#10
Acenaphthylene
Concen: 0.141 ng/ul
RT: 13.790 min Scan# 21
Delta R.T. -0.045 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41

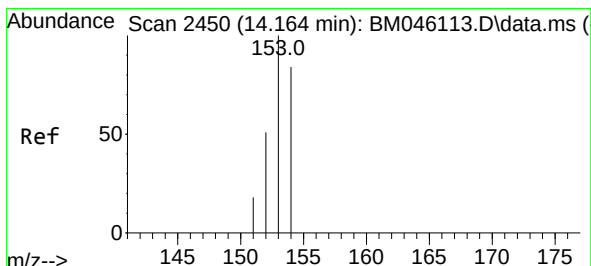
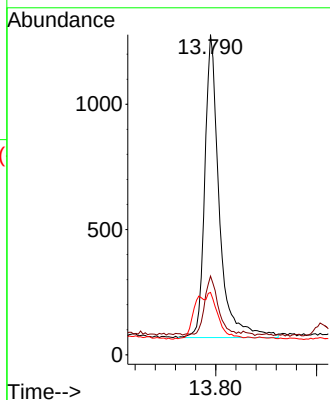
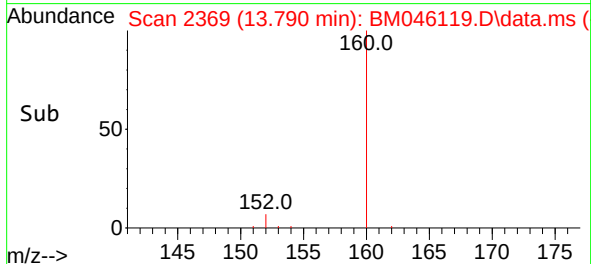
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 240
Ion Ratio Lower Upper
152 100
151 24.6 17.4 26.2
153 19.5 11.8 17.8

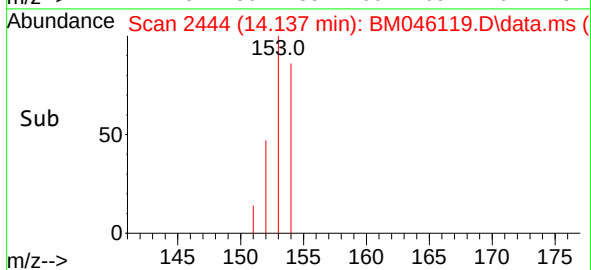
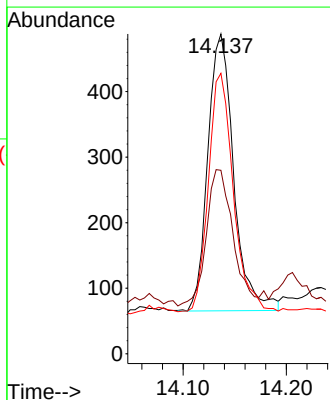
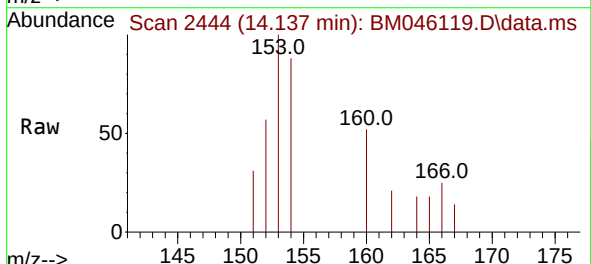
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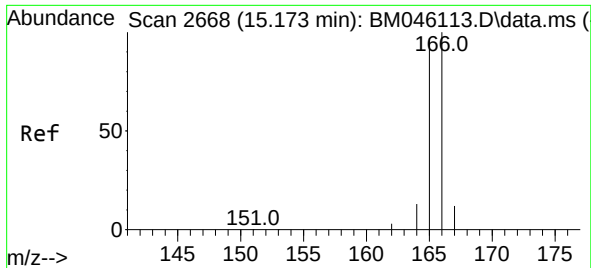
Reviewed By :Jagrut Upadhyay 06/21/2024
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#11
Acenaphthene
Concen: 0.060 ng/ul
RT: 14.137 min Scan# 2444
Delta R.T. -0.036 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41

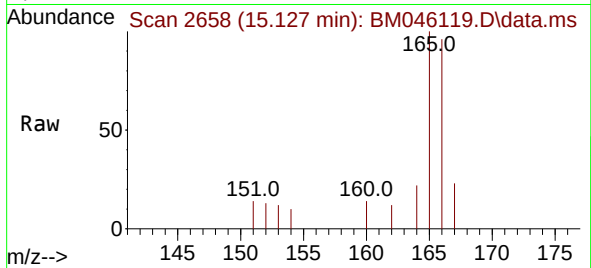
Tgt Ion:153 Resp: 735
Ion Ratio Lower Upper
153 100
152 57.4 41.3 61.9
154 87.7 68.2 102.4





#12
Fluorene
Concen: 0.066 ng/ul
RT: 15.127 min Scan# 2658
Delta R.T. -0.054 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41

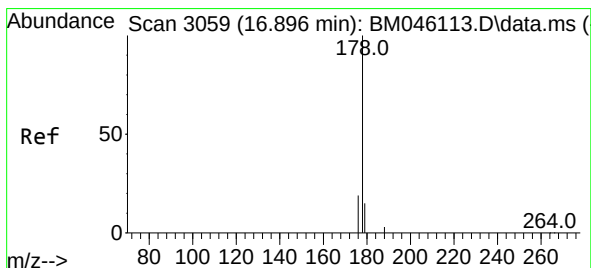
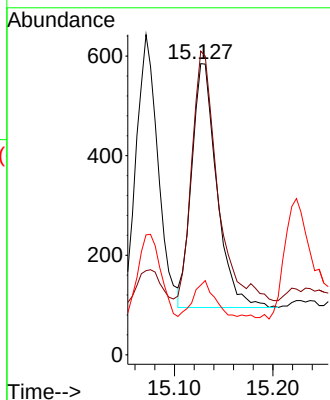
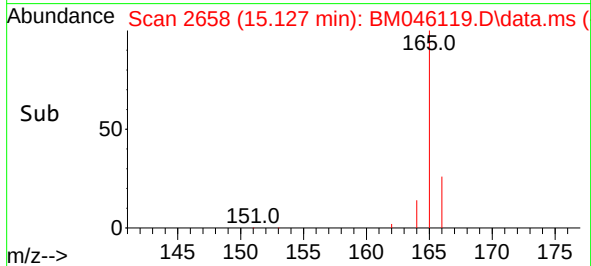
Instrument :
BNA_M
ClientSampleId :
A4BM0



Tgt Ion:166 Resp: 870
Ion Ratio Lower Upper
166 100
165 104.3 80.4 120.6
167 23.9 12.4 18.6

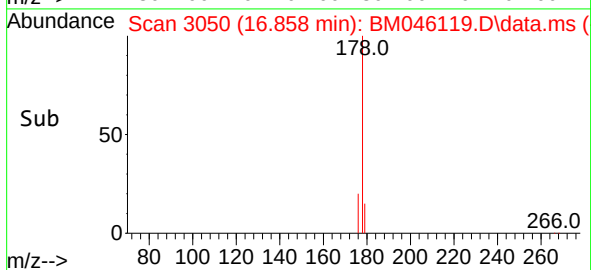
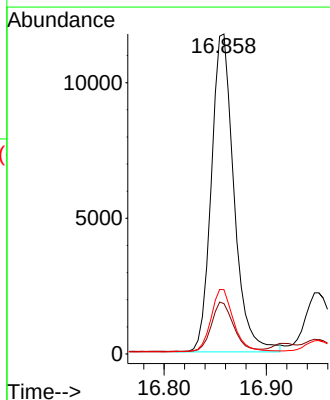
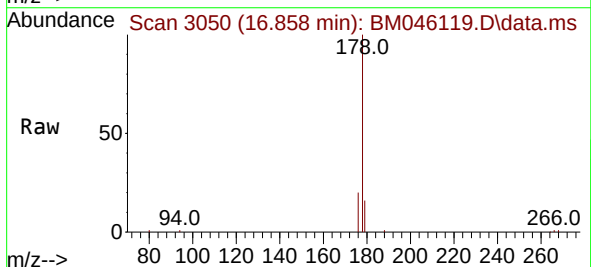
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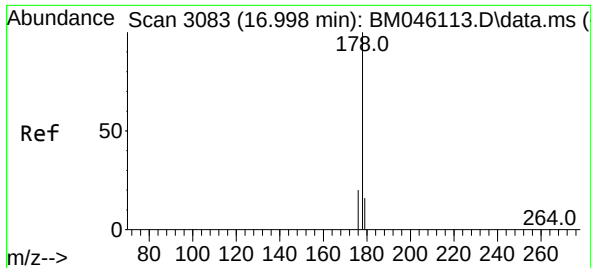
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#15
Phenanthrene
Concen: 0.848 ng/ul m
RT: 16.858 min Scan# 3050
Delta R.T. -0.045 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41

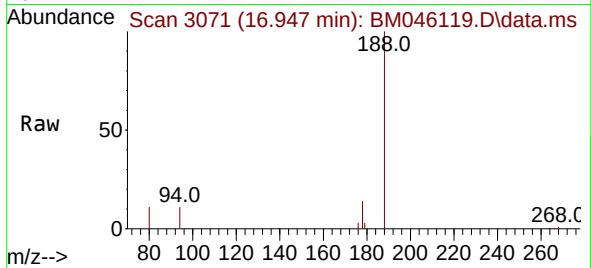
Tgt Ion:178 Resp: 18067
Ion Ratio Lower Upper
178 100
179 15.7 14.2 21.2
176 20.1 17.1 25.7





#16
 Anthracene
 Concen: 0.258 ng/ul m
 RT: 16.947 min Scan# 3083
 Delta R.T. -0.058 min
 Lab File: BM046119.D
 Acq: 20 Jun 2024 12:41

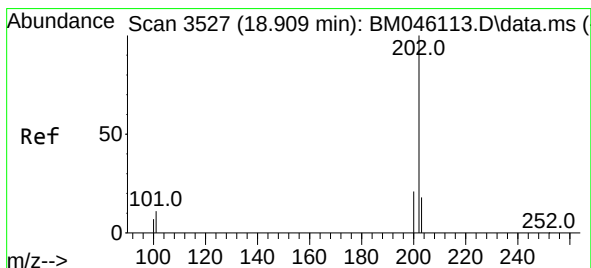
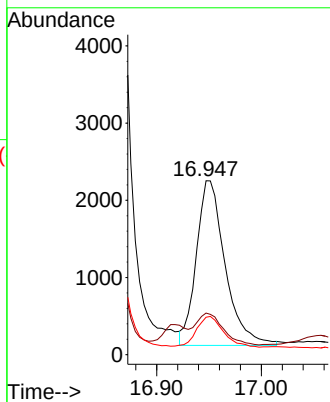
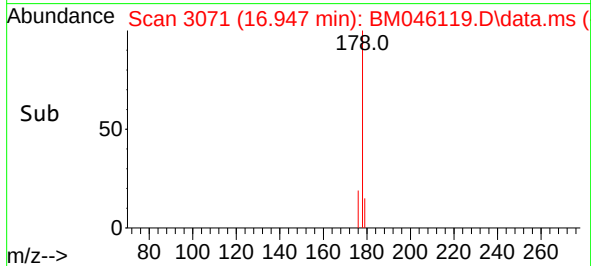
Instrument :
 BNA_M
 ClientSampleId :
 A4BM0



Tgt Ion:178 Resp: 4080
 Ion Ratio Lower Upper
 178 100
 179 24.0 14.9 22.3
 176 21.5 17.0 25.4

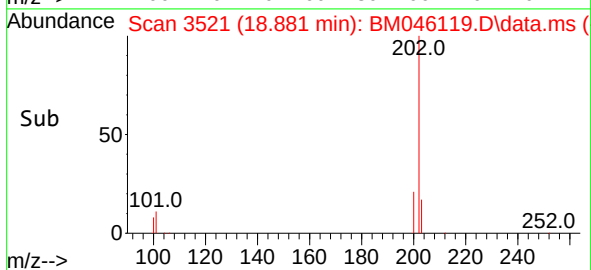
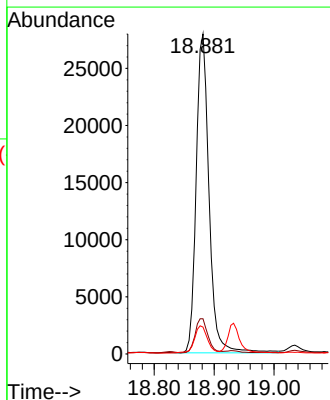
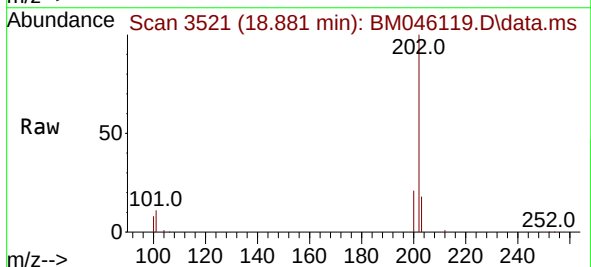
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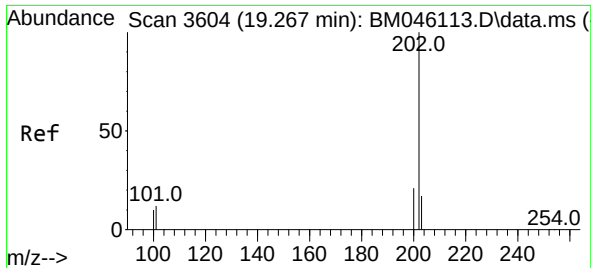
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024



#19
 Fluoranthene
 Concen: 1.567 ng/ul
 RT: 18.881 min Scan# 3521
 Delta R.T. -0.036 min
 Lab File: BM046119.D
 Acq: 20 Jun 2024 12:41

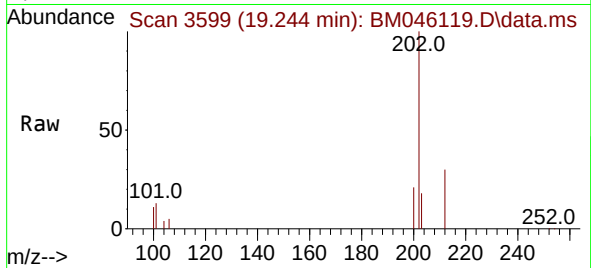
Tgt Ion:202 Resp: 41706
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.6 14.4
 100 8.4 7.6 11.4





#20
Pyrene
Concen: 1.285 ng/ul
RT: 19.244 min Scan# 31
Delta R.T. -0.031 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41

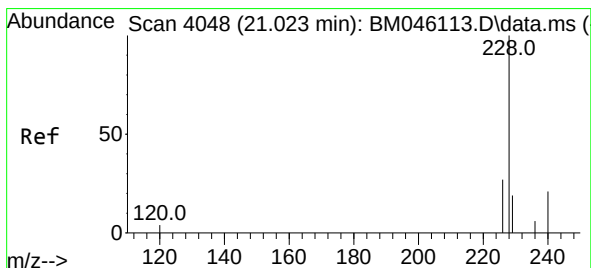
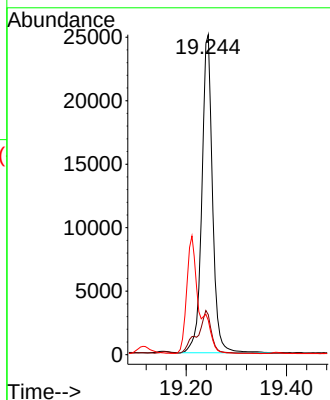
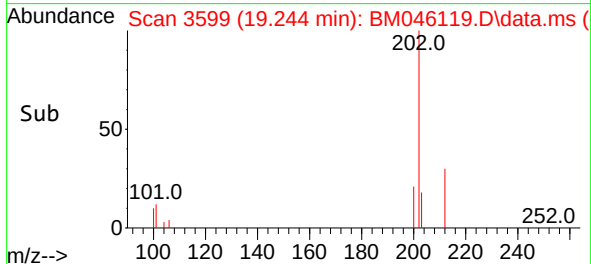
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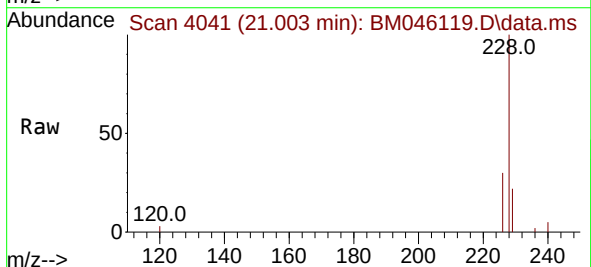
Tgt Ion:202 Resp: 3697
Ion Ratio Lower Upper
202 100
101 12.5 11.3 16.9
100 10.8 9.8 14.6

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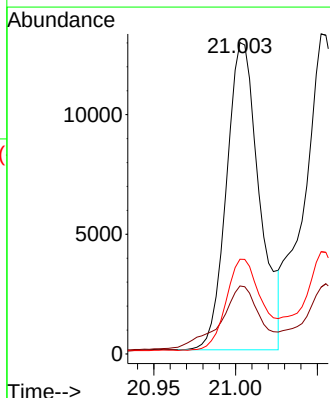
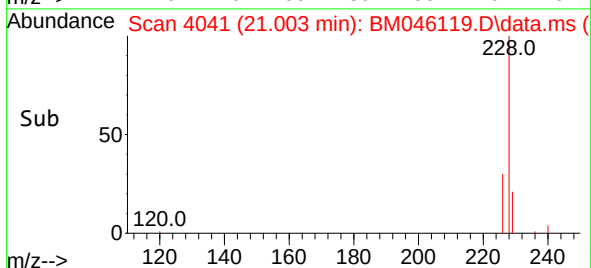
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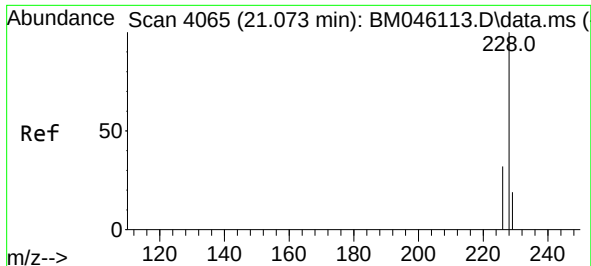


#21
Benzo(a)anthracene
Concen: 0.760 ng/ul
RT: 21.003 min Scan# 4041
Delta R.T. -0.027 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41



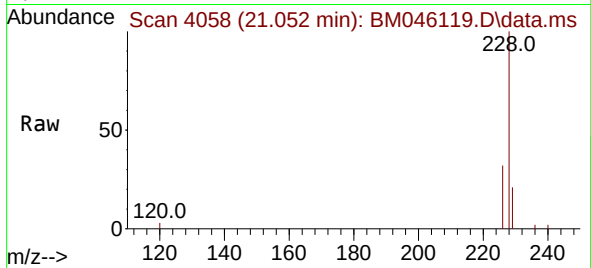
Tgt Ion:228 Resp: 18041
Ion Ratio Lower Upper
228 100
229 21.8 16.4 24.6
226 30.4 23.4 35.2





#22
Chrysene
Concen: 0.667 ng/ul
RT: 21.052 min Scan# 4058
Delta R.T. -0.024 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41

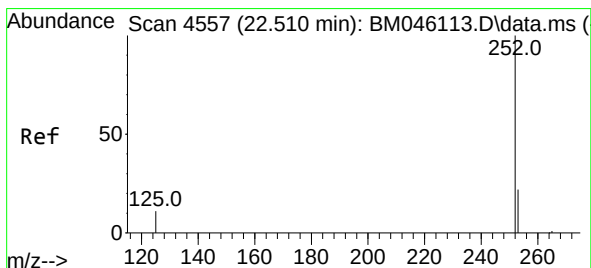
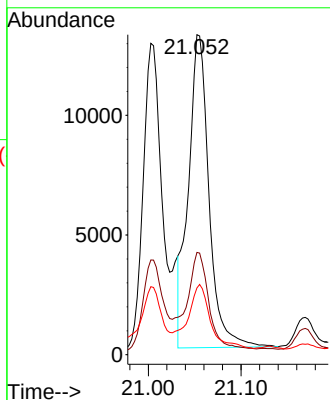
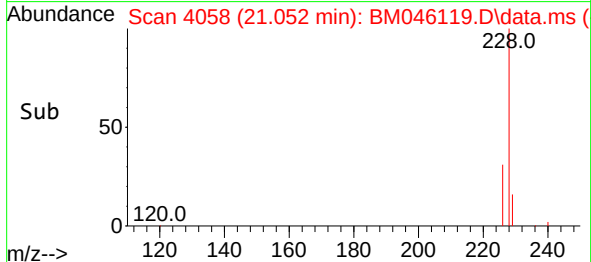
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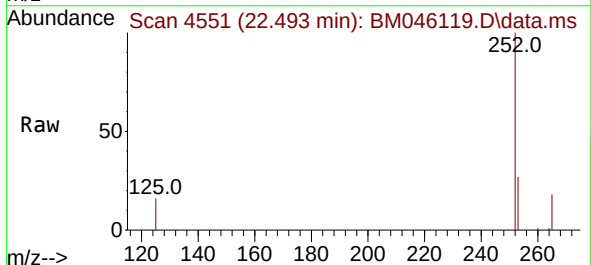
Tgt Ion:228 Resp: 2022
Ion Ratio Lower Upper
228 100
226 32.0 25.2 37.8
229 20.9 16.3 24.5

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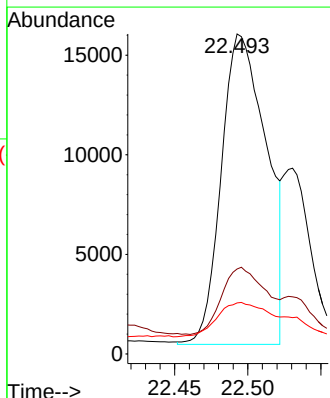
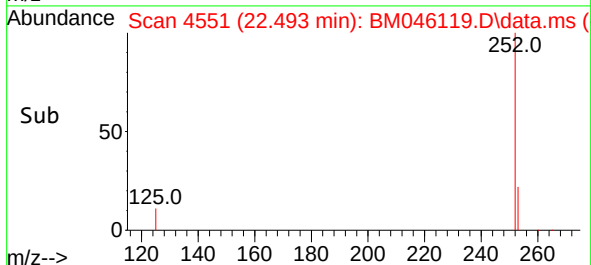
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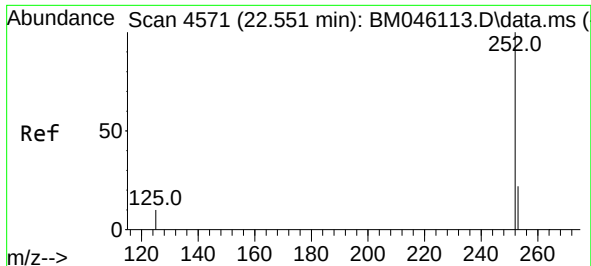


#24
Benzo(b)fluoranthene
Concen: 1.429 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.027 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41



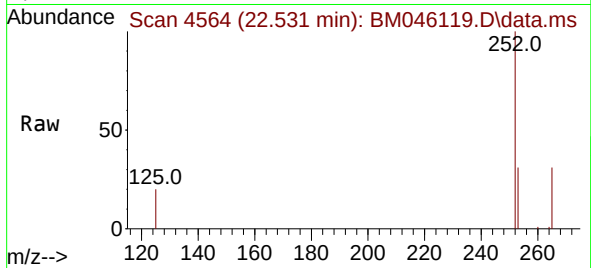
Tgt Ion:252 Resp: 33566
Ion Ratio Lower Upper
252 100
253 26.6 0.0 65.8
125 16.0 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.033 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41

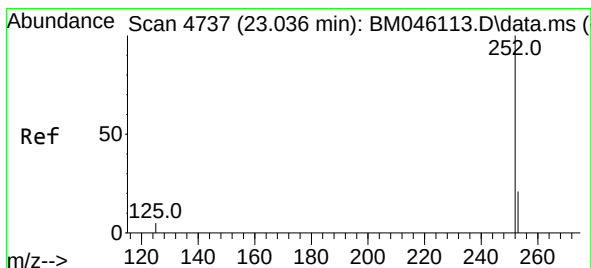
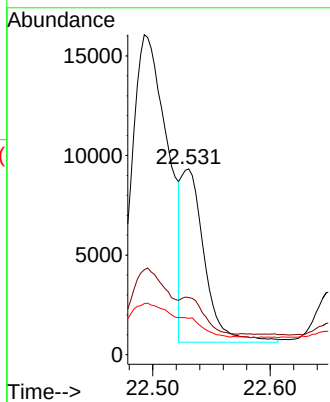
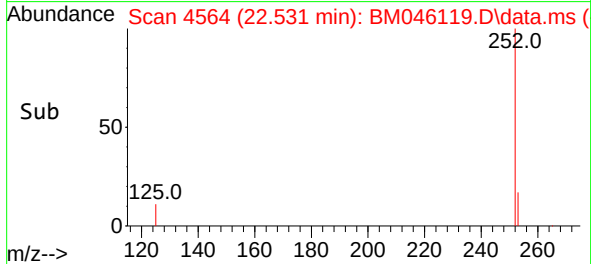
Instrument :
BNA_M
ClientSampleId :
A4BM0



Tgt Ion:252 Resp: 11958
Ion Ratio Lower Upper
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125 19.5 16.6 25.0

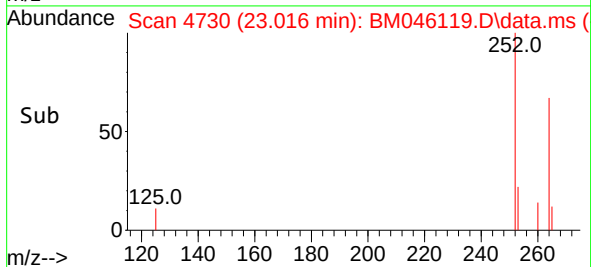
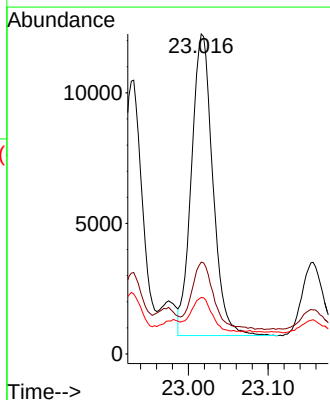
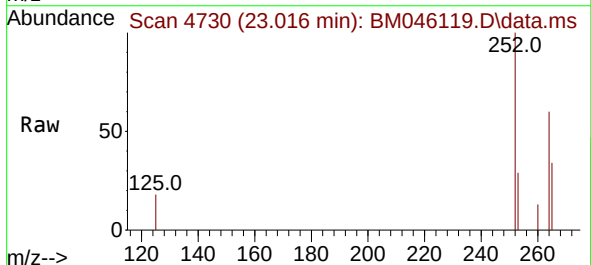
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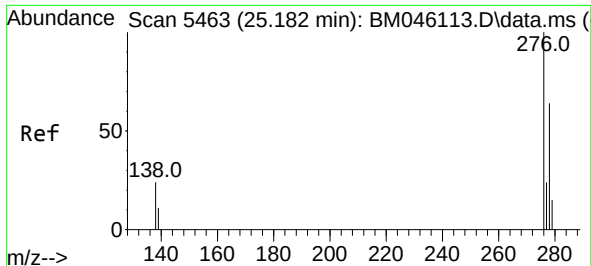
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#26
Benzo(a)pyrene
Concen: 0.986 ng/ul
RT: 23.016 min Scan# 4730
Delta R.T. -0.038 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41

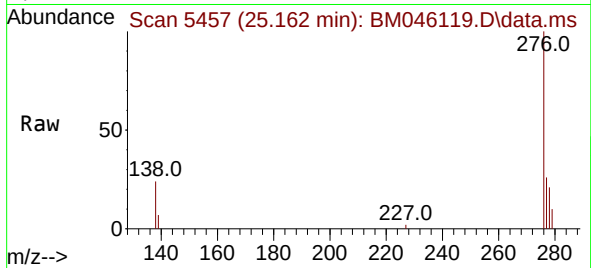
Tgt Ion:252 Resp: 21452
Ion Ratio Lower Upper
252 100
253 28.7 32.1 48.1#
125 17.7 21.2 31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.528 ng/ul
RT: 25.162 min Scan# 5463
Delta R.T. -0.041 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41

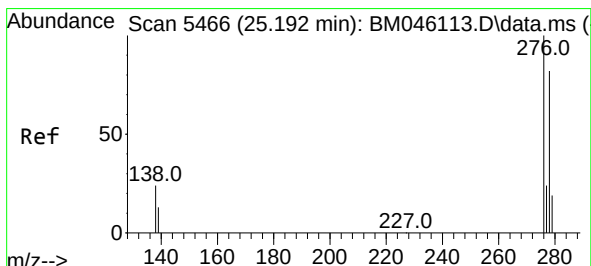
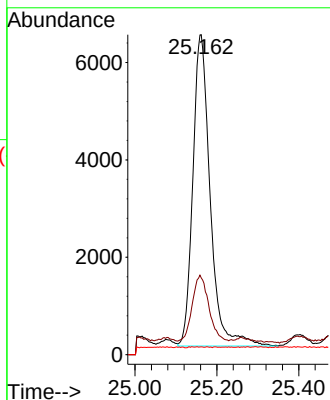
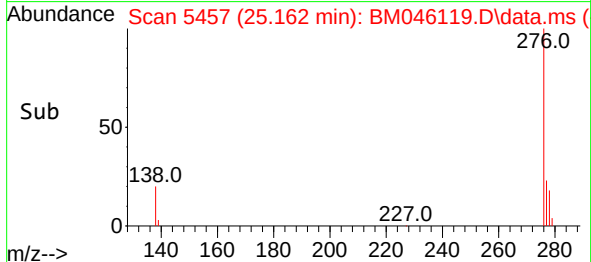
Instrument :
BNA_M
ClientSampleId :
A4BM0



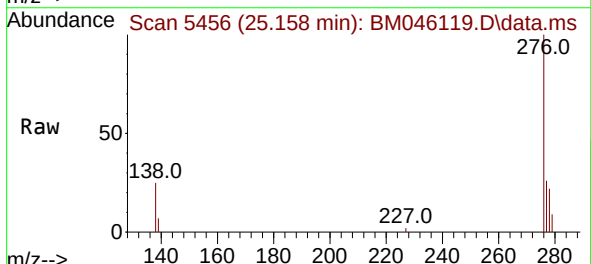
Tgt Ion:276 Resp: 18800
Ion Ratio Lower Upper
276 100
138 20.8 21.0 31.4#
227 0.1 0.0 0.0#

Manual Integrations
APPROVED

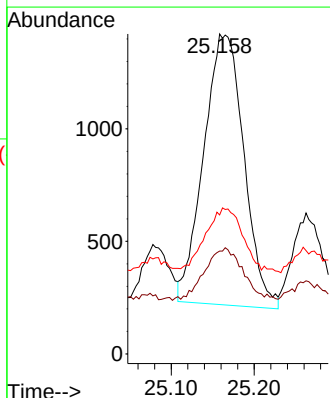
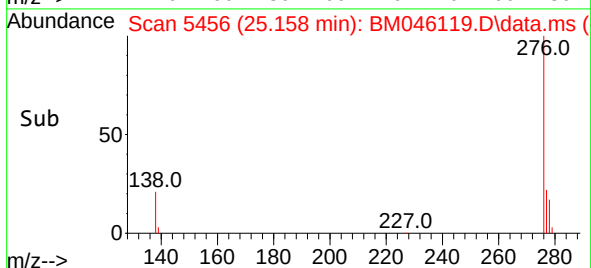
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

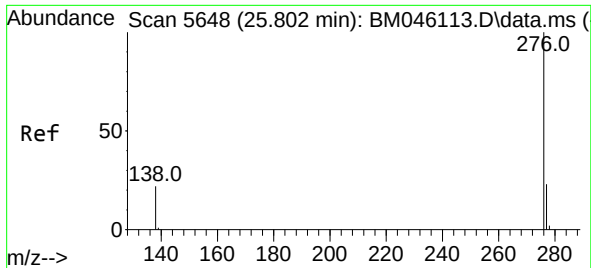


#28
Dibenzo(a,h)anthracene
Concen: 0.153 ng/ul
RT: 25.158 min Scan# 5456
Delta R.T. -0.057 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41



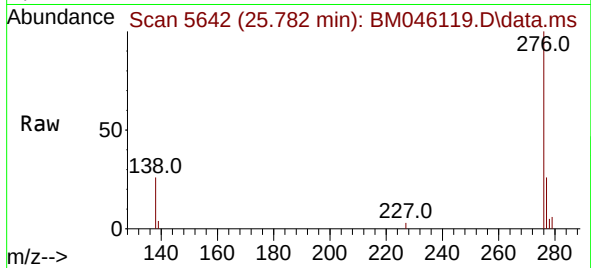
Tgt Ion:278 Resp: 4052
Ion Ratio Lower Upper
278 100
139 32.1 17.6 26.4#
279 43.5 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.620 ng/ul
RT: 25.782 min Scan# 50
Delta R.T. -0.047 min
Lab File: BM046119.D
Acq: 20 Jun 2024 12:41

Instrument :
BNA_M
ClientSampleId :
A4BM0



Tgt Ion:276 Resp: 1892
Ion Ratio Lower Upper
276 100
138 26.1 21.7 32.5
277 26.0 20.4 30.6

Manual Integrations
APPROVED

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

