

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046604.D
 Acq On : 15 Jul 2024 20:05
 Operator : MA/JU
 Sample : P3088-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CY5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 00:25:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	3784	0.400	ng/ul	0.00
4) Naphthalene-d8	10.265	136	10425	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.146	164	7076	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.900	188	15974	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	12742	0.400	ng/ul	0.00
23) Perylene-d12	23.247	264	12484m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	9350	3.007	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	4330	0.258	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	11088	0.286	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.315	128	1711	0.065	ng/ul#	94
7) 2-Methylnaphthalene	11.937	142	567	0.030	ng/ul	95
10) Acenaphthylene	13.864	152	1803	0.056	ng/ul#	90
11) Acenaphthene	14.210	153	1056	0.049	ng/ul	99
12) Fluorene	15.205	166	1341	0.050	ng/ul#	91
15) Phenanthrene	16.943	178	24699	0.542	ng/ul	99
16) Anthracene	17.031	178	5041	0.113	ng/ul#	94
19) Fluoranthene	18.969	202	46025	0.879	ng/ul	100
20) Pyrene	19.332	202	41288	0.729	ng/ul	98
21) Benzo(a)anthracene	21.090	228	19632	0.348	ng/ul	93
22) Chrysene	21.143	228	22154m	0.406	ng/ul	
24) Benzo(b)fluoranthene	22.615	252	25974m	0.521	ng/ul	
25) Benzo(k)fluoranthene	22.650	252	9067m	0.185	ng/ul	
26) Benzo(a)pyrene	23.156	252	16537	0.403	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.366	276	12695	0.203	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.380	278	3310	0.067	ng/ul#	48
29) Benzo(g,h,i)perylene	26.010	276	12287	0.247	ng/ul#	96

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

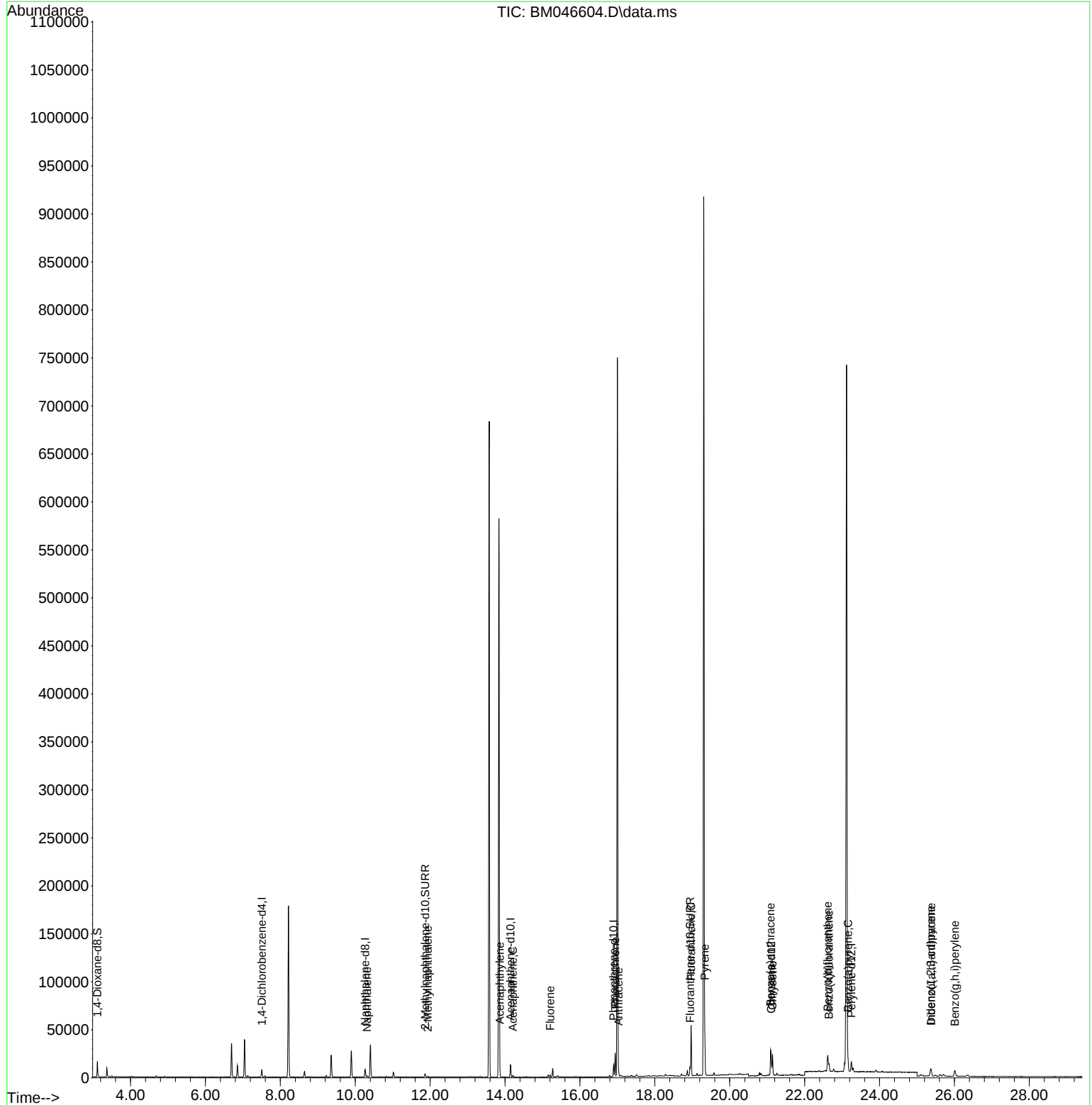
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046604.D
Acq On : 15 Jul 2024 20:05
Operator : MA/JU
Sample : P3088-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

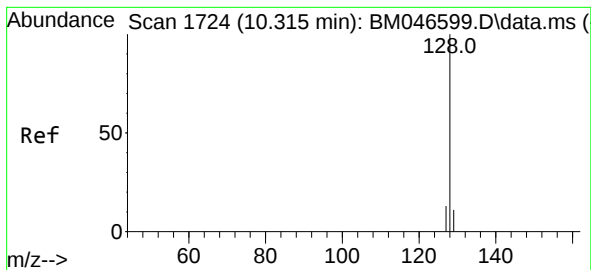
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A4CY5

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Quant Time: Jul 16 00:25:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.065 ng/ul

RT: 10.315 min Scan# 1718

Delta R.T. -0.001 min

Lab File: BM046604.D

Acq: 15 Jul 2024 20:05

Instrument :

BNA_M

ClientSampleId :

A4CY5

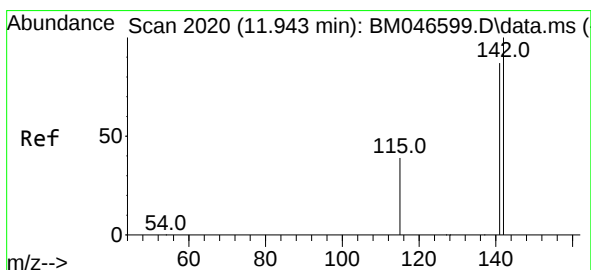
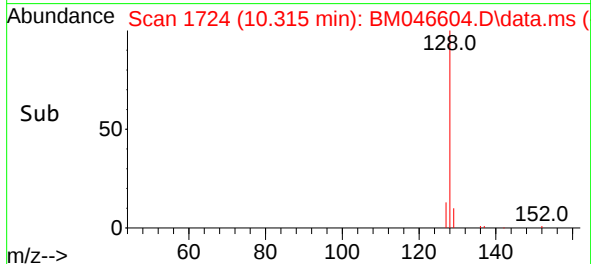
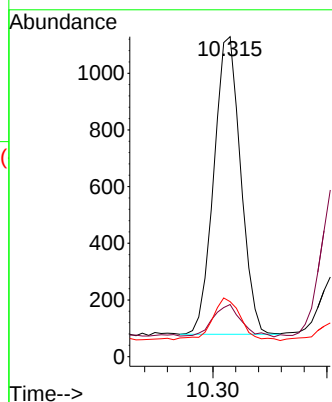
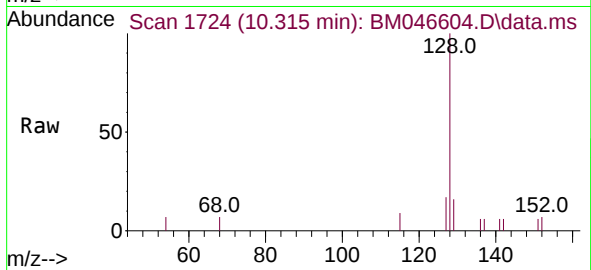
Tgt Ion:	128	Resp:	1718
Ion Ratio	Lower	Upper	
128	100		
129	16.3	10.3	15.5
127	17.2	12.2	18.4

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#7

2-Methylnaphthalene

Concen: 0.030 ng/ul

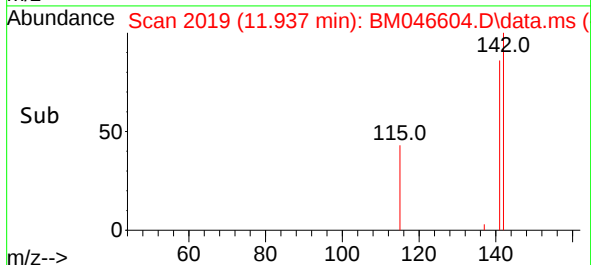
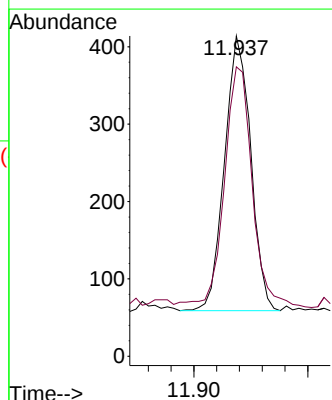
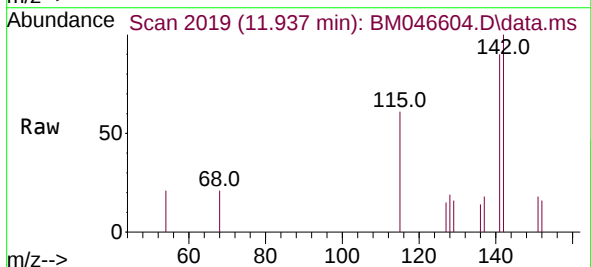
RT: 11.937 min Scan# 2019

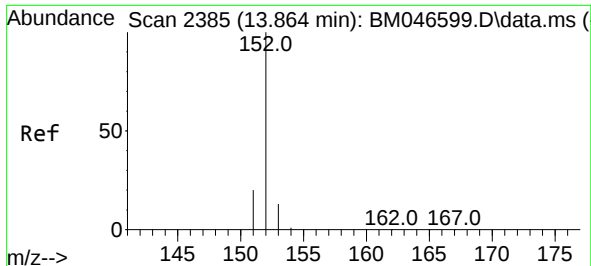
Delta R.T. -0.006 min

Lab File: BM046604.D

Acq: 15 Jul 2024 20:05

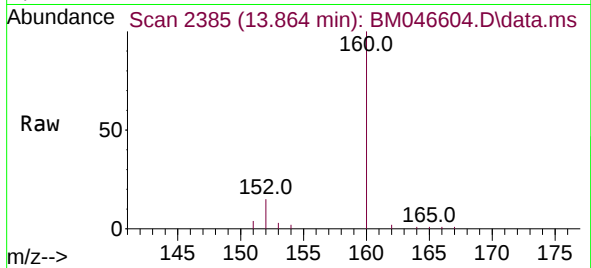
Tgt Ion:	142	Resp:	567
Ion Ratio	Lower	Upper	
142	100		
141	92.9	70.3	105.5





#10
Acenaphthylene
Concen: 0.056 ng/ul
RT: 13.864 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

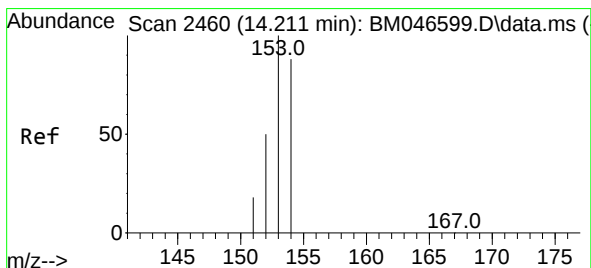
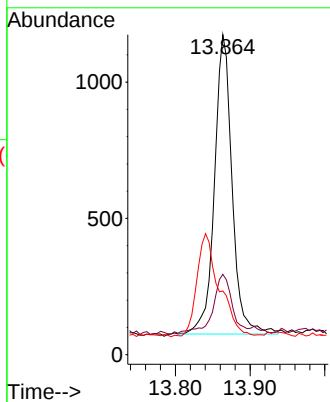
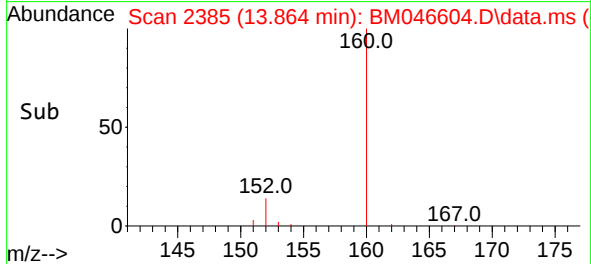
Instrument :
BNA_M
ClientSampleId :
A4CY5



Tgt Ion:152 Resp: 180
Ion Ratio Lower Upper
152 100
151 25.1 16.4 24.6
153 19.9 12.4 18.6

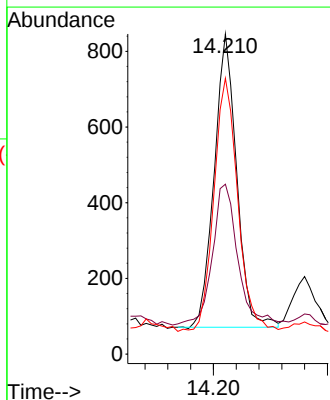
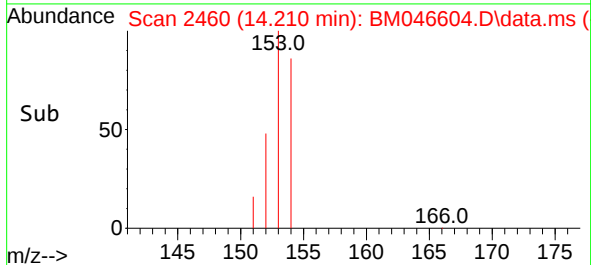
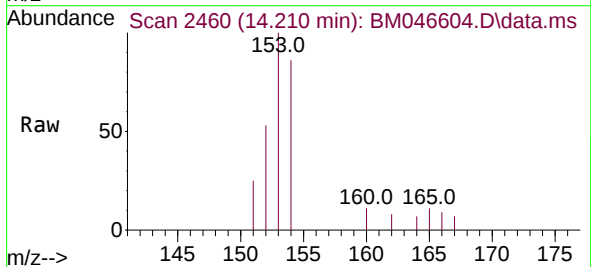
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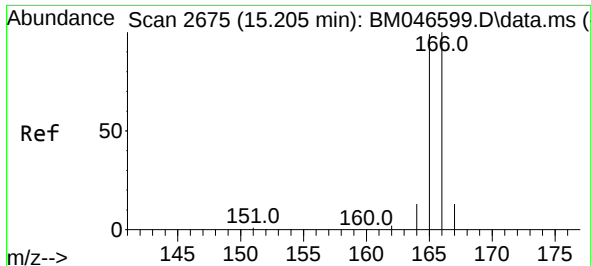
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#11
Acenaphthene
Concen: 0.049 ng/ul
RT: 14.210 min Scan# 2460
Delta R.T. -0.001 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

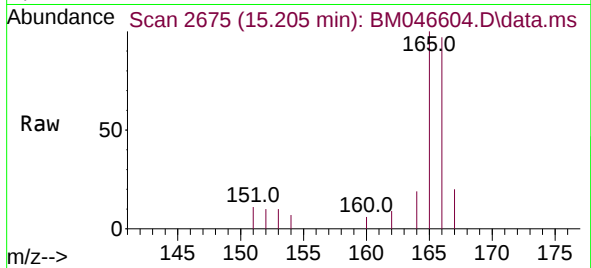
Tgt Ion:153 Resp: 1056
Ion Ratio Lower Upper
153 100
152 53.1 43.0 64.6
154 86.2 69.9 104.9





#12
Fluorene
Concen: 0.050 ng/ul
RT: 15.205 min Scan# 2675
Delta R.T. -0.001 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

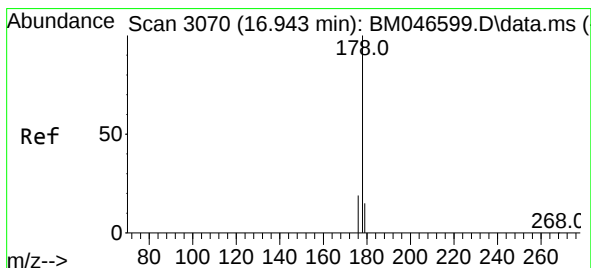
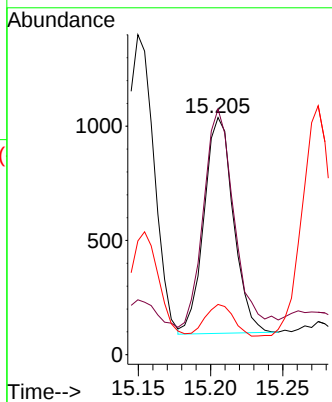
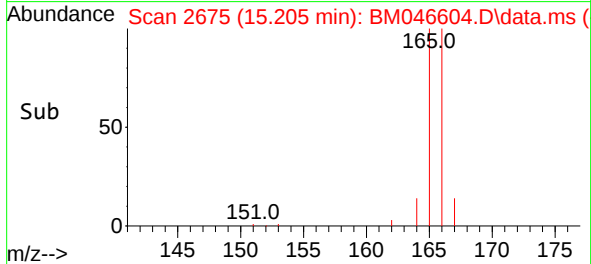
Instrument :
BNA_M
ClientSampleId :
A4CY5



Tgt Ion:166 Resp: 134
Ion Ratio Lower Upper
166 100
165 103.6 76.1 114.1
167 21.2 12.5 18.7

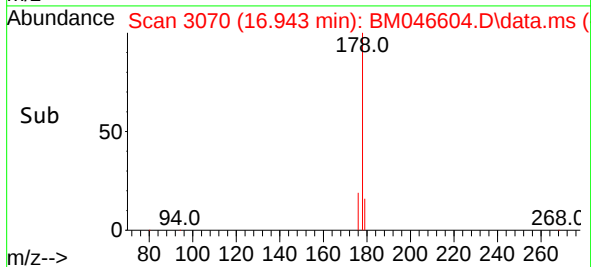
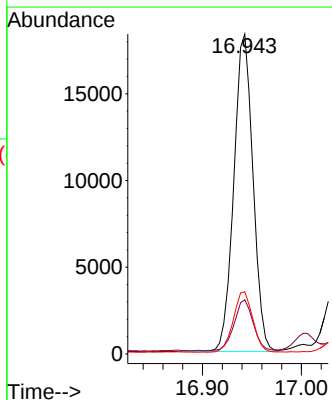
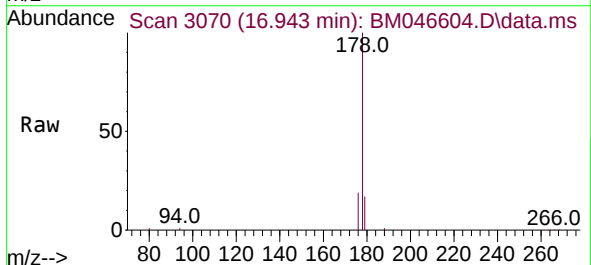
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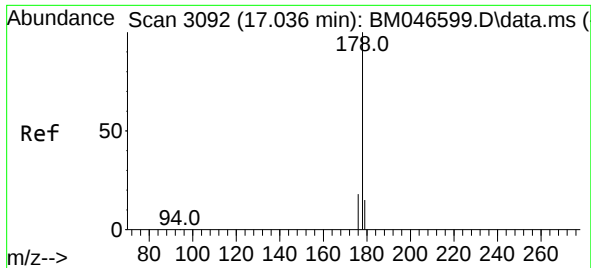
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#15
Phenanthrene
Concen: 0.542 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.001 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

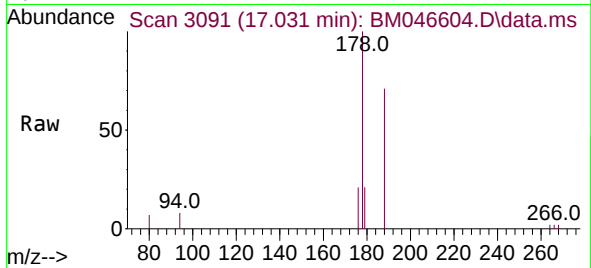
Tgt Ion:178 Resp: 24699
Ion Ratio Lower Upper
178 100
179 17.0 13.1 19.7
176 19.5 16.0 24.0





#16
 Anthracene
 Concen: 0.113 ng/ul
 RT: 17.031 min Scan# 3092
 Delta R.T. -0.001 min
 Lab File: BM046604.D
 Acq: 15 Jul 2024 20:05

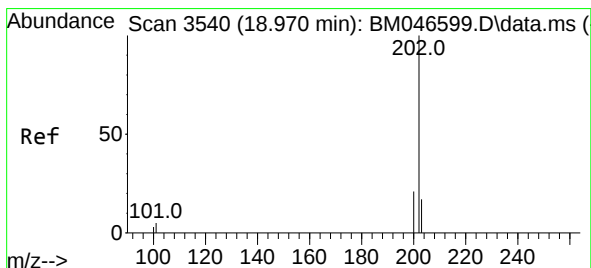
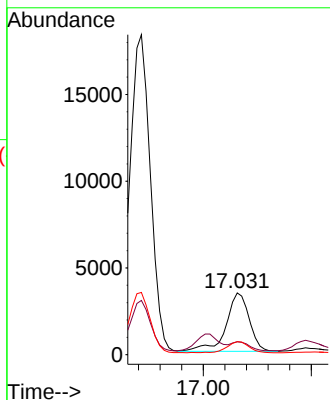
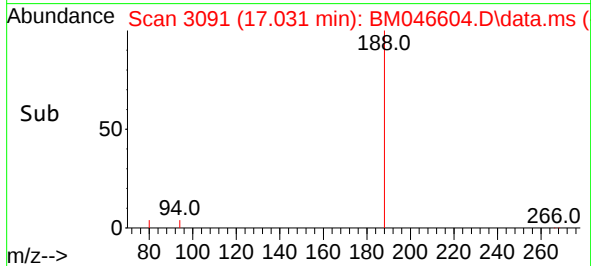
Instrument :
 BNA_M
 ClientSampleId :
 A4CY5



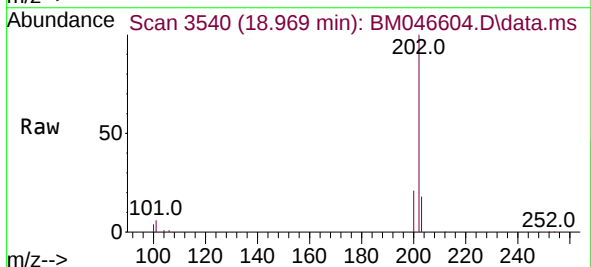
Tgt Ion:178 Resp: 504
 Ion Ratio Lower Upper
 178 100
 179 21.1 13.5 20.3
 176 21.0 15.7 23.5

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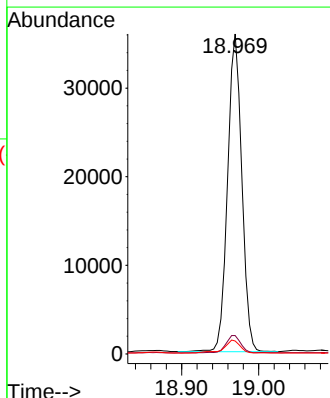
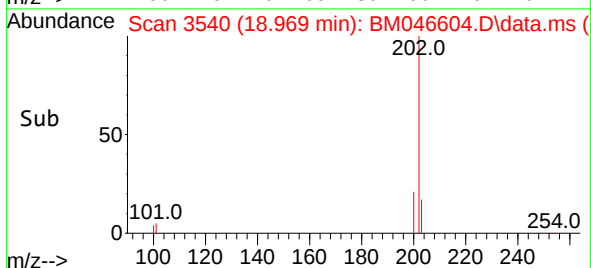
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

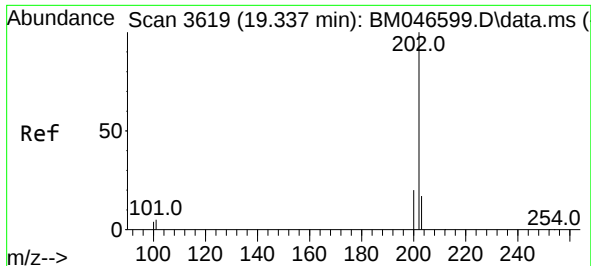


#19
 Fluoranthene
 Concen: 0.879 ng/ul
 RT: 18.969 min Scan# 3540
 Delta R.T. -0.001 min
 Lab File: BM046604.D
 Acq: 15 Jul 2024 20:05



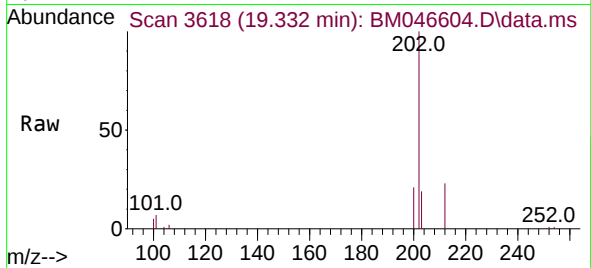
Tgt Ion:202 Resp: 46025
 Ion Ratio Lower Upper
 202 100
 101 5.7 4.6 6.8
 100 4.1 3.0 4.6





#20
Pyrene
Concen: 0.729 ng/ul
RT: 19.332 min Scan# 30
Delta R.T. -0.001 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

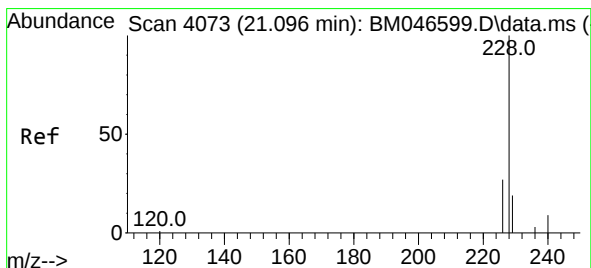
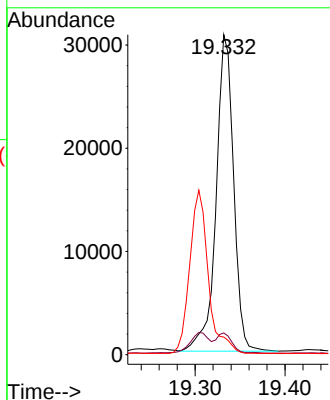
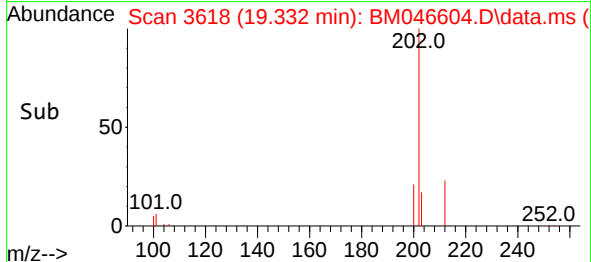
Instrument :
BNA_M
ClientSampleId :
A4CY5



Tgt Ion:202 Resp: 4128
Ion Ratio Lower Upper
202 100
101 6.8 5.1 7.7
100 5.5 3.8 5.6

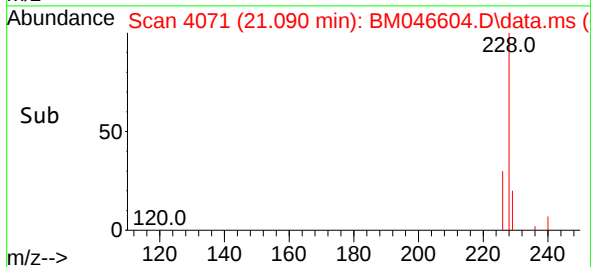
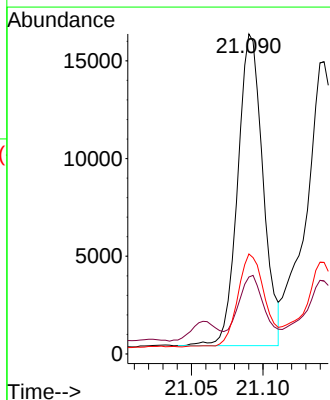
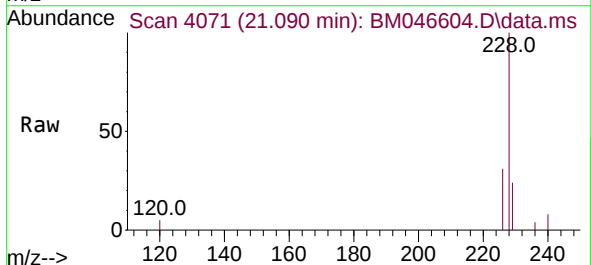
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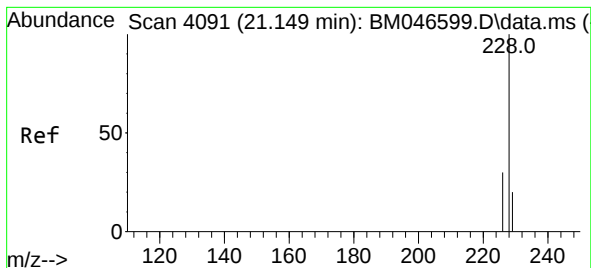
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. 0.002 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

Tgt Ion:228 Resp: 19632
Ion Ratio Lower Upper
228 100
229 24.0 16.5 24.7
226 31.3 22.5 33.7





#22

Chrysene

Concen: 0.406 ng/ul m

RT: 21.143 min Scan# 4089

Delta R.T. 0.002 min

Lab File: BM046604.D

Acq: 15 Jul 2024 20:05

Instrument :

BNA_M

ClientSampleId :

A4CY5

Tgt Ion:228 Resp: 22154

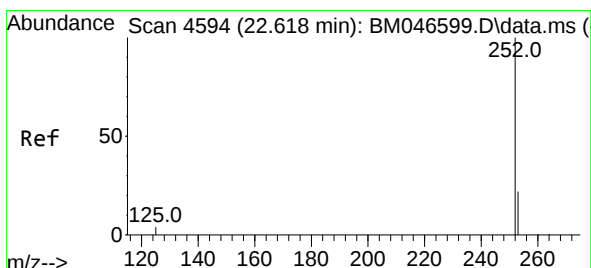
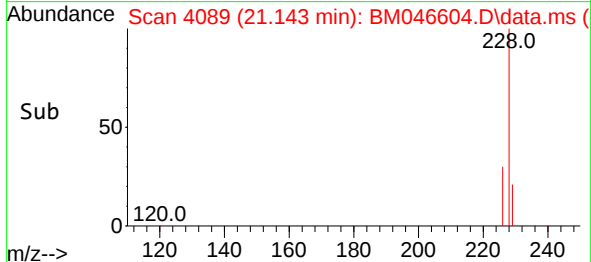
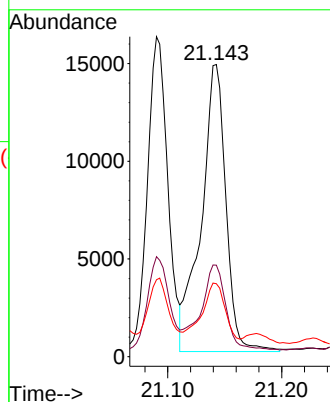
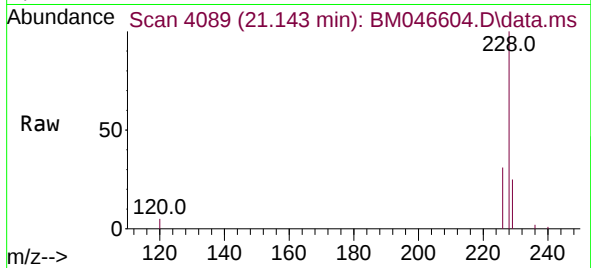
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.3	36.5
229	25.0	16.4	24.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/18/2024



#24

Benzo(b)fluoranthene

Concen: 0.521 ng/ul m

RT: 22.615 min Scan# 4593

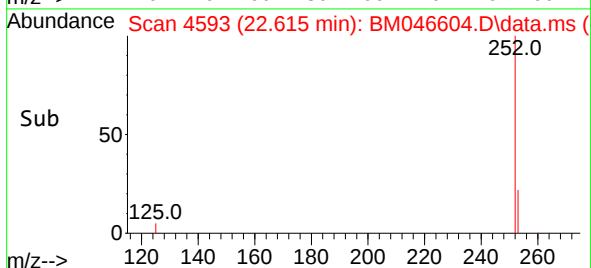
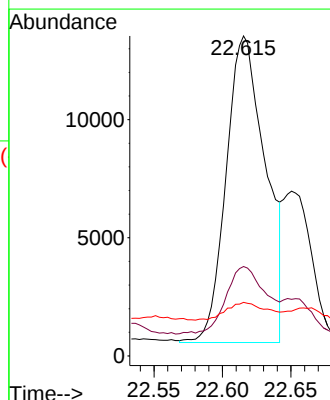
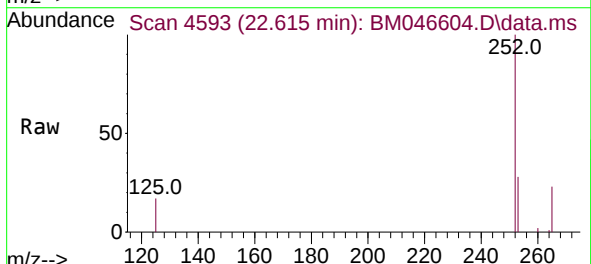
Delta R.T. 0.005 min

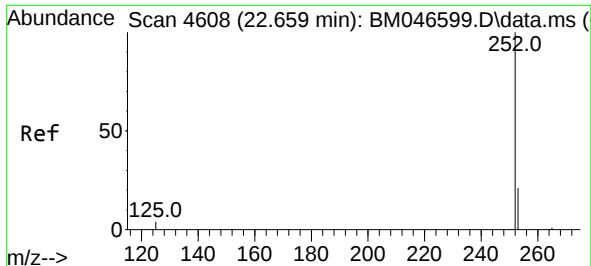
Lab File: BM046604.D

Acq: 15 Jul 2024 20:05

Tgt Ion:252 Resp: 25974

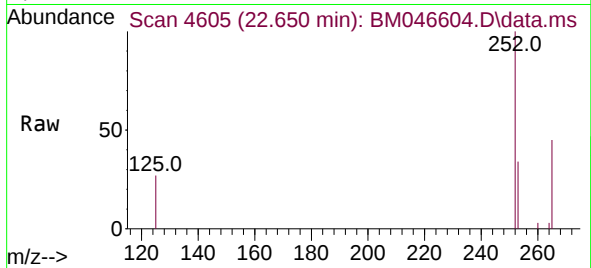
Ion	Ratio	Lower	Upper
252	100		
253	28.0	0.0	56.2
125	16.7	0.0	17.8





#25
Benzo(k)fluoranthene
Concen: 0.185 ng/ul m
RT: 22.650 min Scan# 4605
Delta R.T. -0.001 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

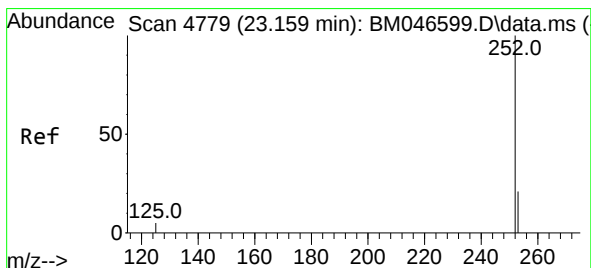
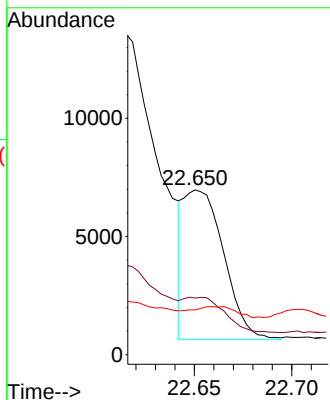
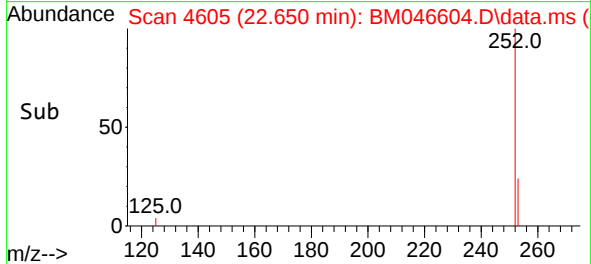
Instrument :
BNA_M
ClientSampleId :
A4CY5



Tgt Ion:252 Resp: 906
Ion Ratio Lower Upper
252 100
253 34.4 22.4 33.6
125 27.2 7.0 10.4

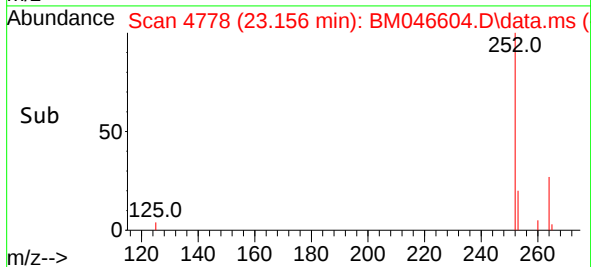
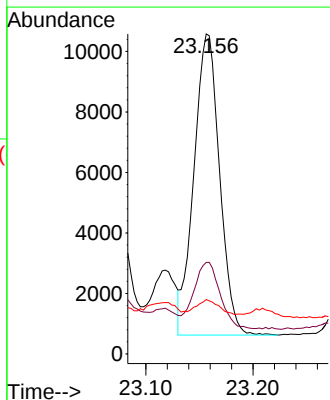
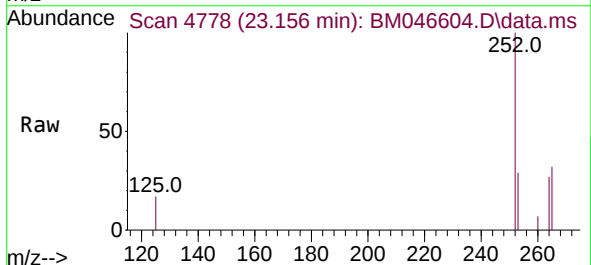
Manual Integrations
APPROVED

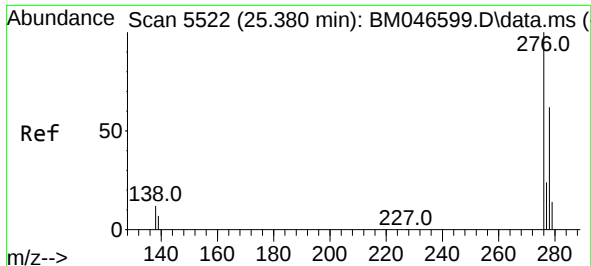
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#26
Benzo(a)pyrene
Concen: 0.403 ng/ul
RT: 23.156 min Scan# 4778
Delta R.T. 0.005 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

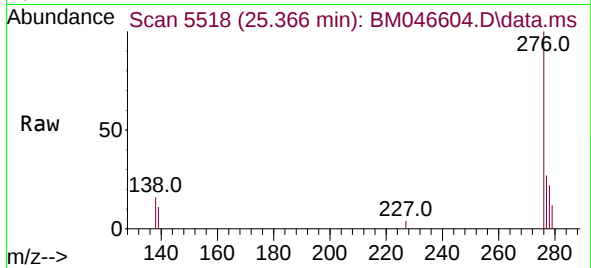
Tgt Ion:252 Resp: 16537
Ion Ratio Lower Upper
252 100
253 28.6 24.0 36.0
125 17.0 8.2 12.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.203 ng/ul
RT: 25.366 min Scan# 5518
Delta R.T. 0.006 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

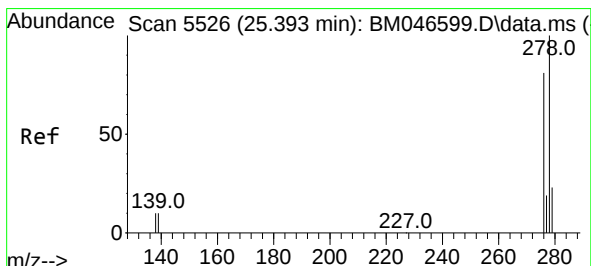
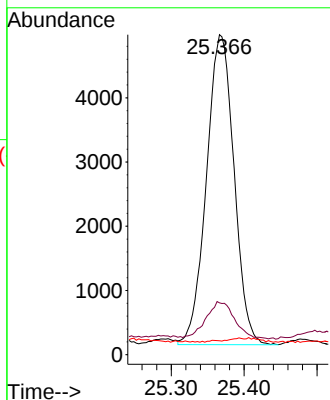
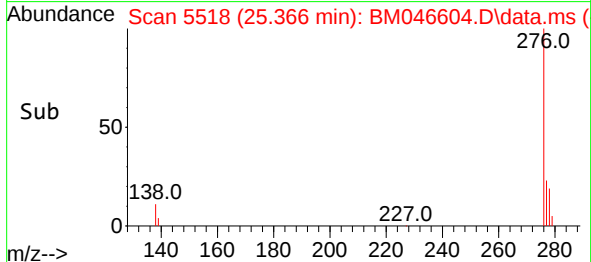
Instrument :
BNA_M
ClientSampleId :
A4CY5



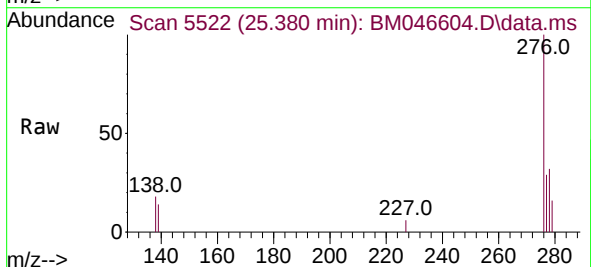
Tgt Ion: 276 Resp: 1269
Ion Ratio Lower Upper
276 100
138 12.4 0.0 0.0
227 0.3 0.2 0.2

Manual Integrations
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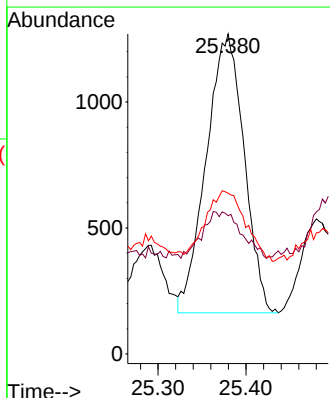
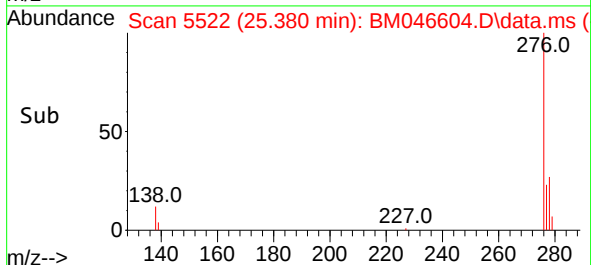
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

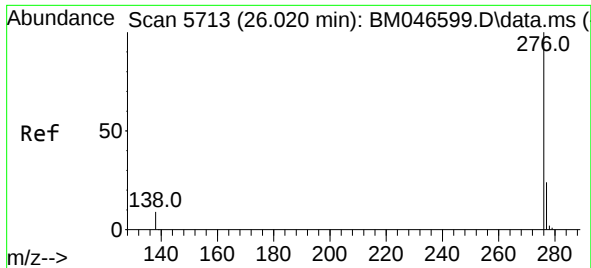


#28
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 25.380 min Scan# 5522
Delta R.T. -0.004 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05



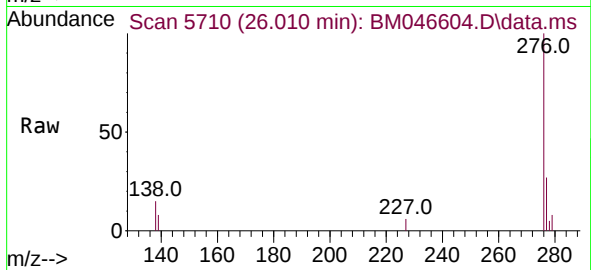
Tgt Ion: 278 Resp: 3310
Ion Ratio Lower Upper
278 100
139 43.2 9.1 13.7#
279 50.2 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul
RT: 26.010 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM046604.D
Acq: 15 Jul 2024 20:05

Instrument :
BNA_M
ClientSampleId :
A4CY5



Tgt Ion:	276	Resp:	1228
Ion Ratio	Lower	Upper	
276	100		
138	15.5	10.2	15.4
277	27.2	20.9	31.3

Manual Integrations
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Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

