

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046169.D
 Acq On : 21 Jun 2024 20:43
 Operator : MA/JU
 Sample : P2754-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ6

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 22:28:05 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	7.413	152	2840	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.189	136	8697	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.067	164	4899	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.812	188	10397m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.017	240	8789m	0.400	ng/ul	-0.03
23) Perylene-d12	23.104	264	9839m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	11481	2.947	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	2801	0.240	ng/ul	-0.05
18) Fluoranthene-d10	18.844	212	6518	0.248	ng/ul	-0.04
Target Compounds						
5) Naphthalene	10.238	128	505	0.021	ng/ul#	59
10) Acenaphthylene	13.785	152	1422	0.061	ng/ul#	82
15) Phenanthrene	16.850	178	7543m	0.258	ng/ul	
16) Anthracene	16.943	178	1640m	0.075	ng/ul	
19) Fluoranthene	18.877	202	22178	0.583	ng/ul	97
20) Pyrene	19.239	202	20297	0.493	ng/ul	97
21) Benzo(a)anthracene	21.000	228	10587	0.312	ng/ul	95
22) Chrysene	21.052	228	10975	0.253	ng/ul	96
24) Benzo(b)fluoranthene	22.490	252	19611m	0.553	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	7169m	0.170	ng/ul	
26) Benzo(a)pyrene	23.013	252	11369	0.346	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.162	276	10651	0.198	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.162	278	2245	0.056	ng/ul#	25
29) Benzo(g,h,i)perylene	25.782	276	11240	0.244	ng/ul	94

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

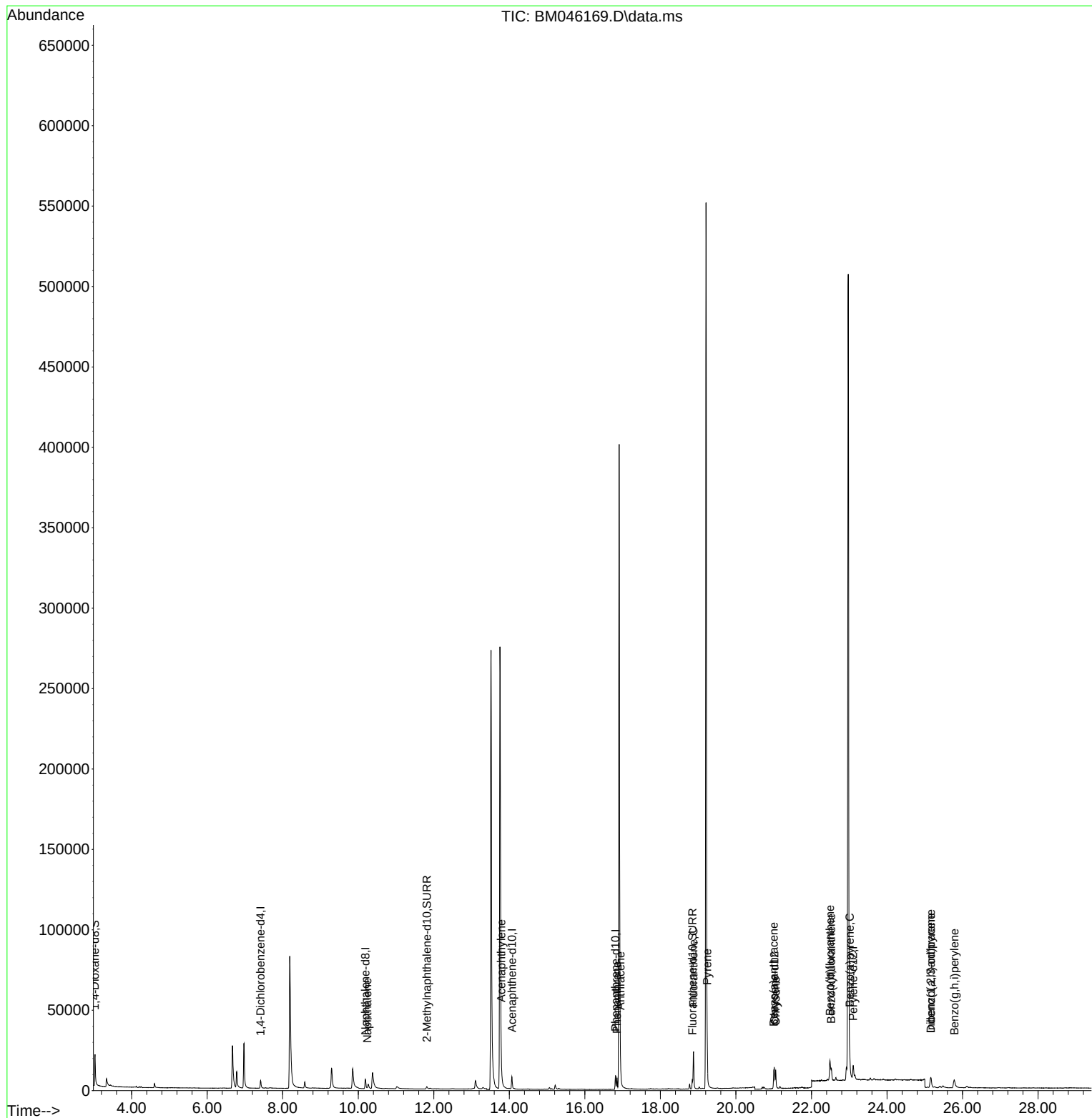
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046169.D
Acq On : 21 Jun 2024 20:43
Operator : MA/JU
Sample : P2754-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

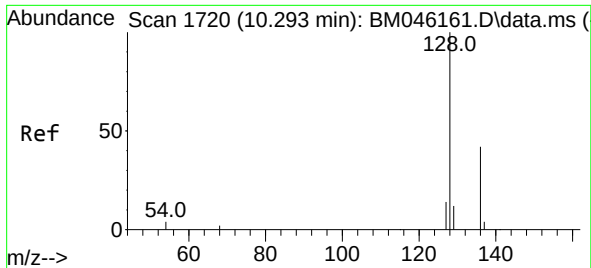
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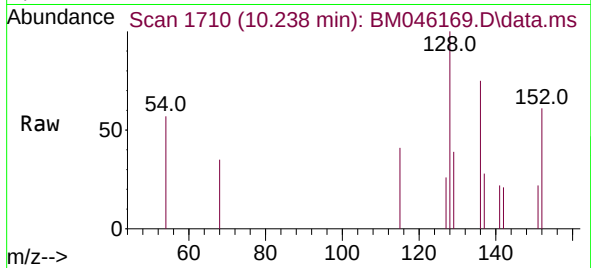
Quant Time: Jun 21 22:28:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
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#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.238 min Scan# 1710
Delta R.T. -0.065 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

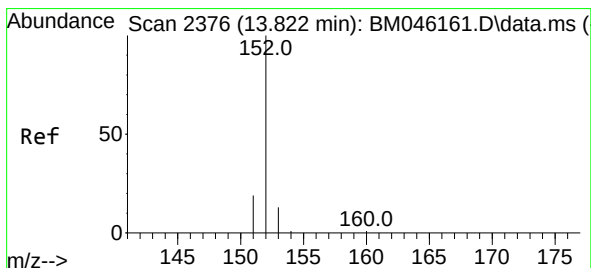
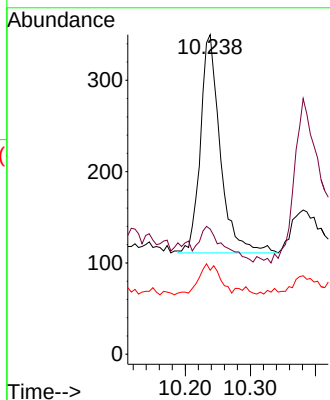
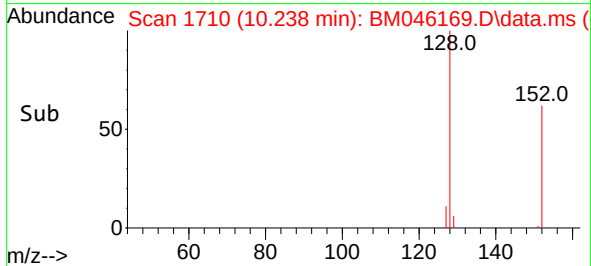
Instrument :
BNA_M
ClientSampleId :
A4BQ6



Tgt Ion	Ratio	Lower	Upper
128	100		
129	39.1	11.8	17.6
127	26.3	12.8	19.2

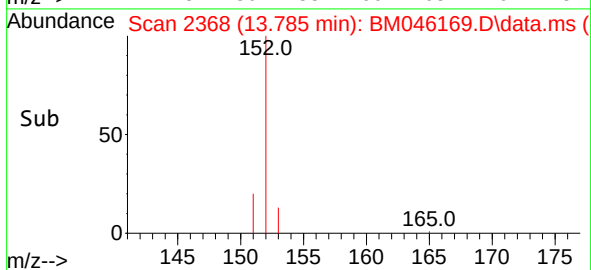
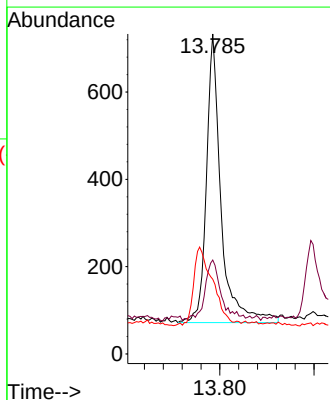
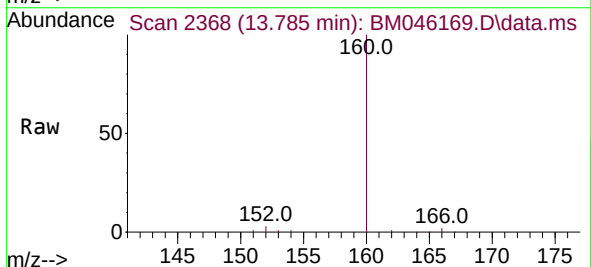
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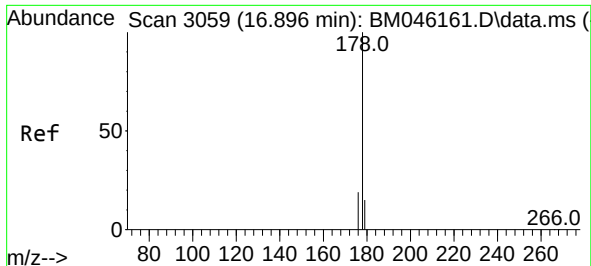
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 13.785 min Scan# 2368
Delta R.T. -0.050 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

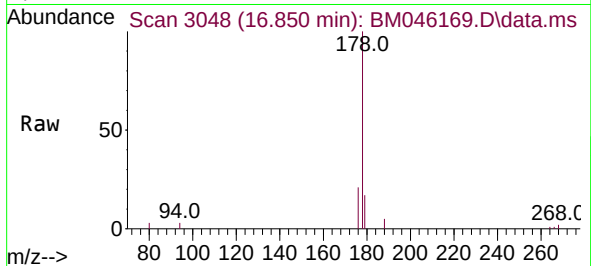
Tgt Ion	Ratio	Lower	Upper
152	100		
151	29.3	17.4	26.2
153	23.3	11.8	17.8





#15
Phenanthrene
Concen: 0.258 ng/ul m
RT: 16.850 min Scan# 3070
Delta R.T. -0.054 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

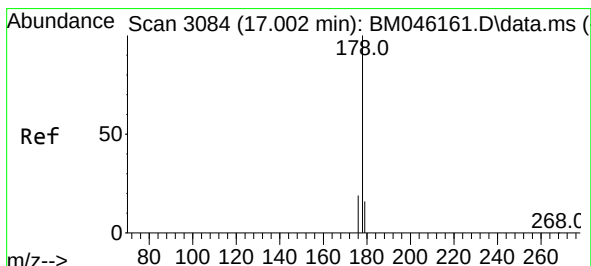
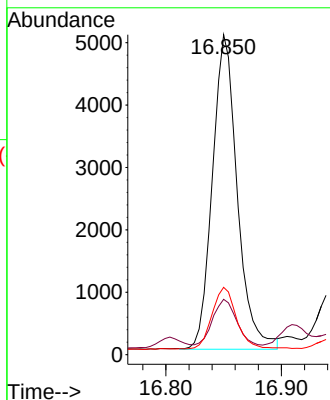
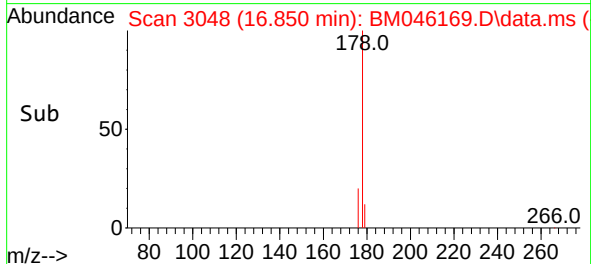
Instrument :
BNA_M
ClientSampleId :
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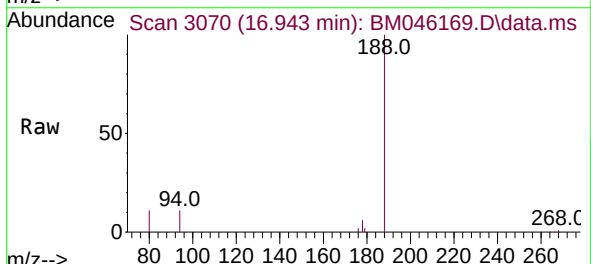
Tgt Ion:178 Resp: 754
Ion Ratio Lower Upper
178 100
179 17.3 14.2 21.2
176 21.1 17.1 25.7

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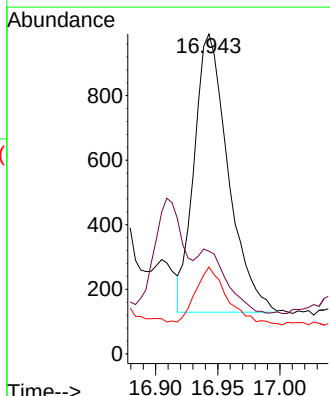
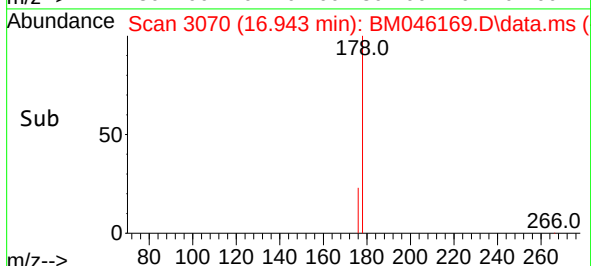
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

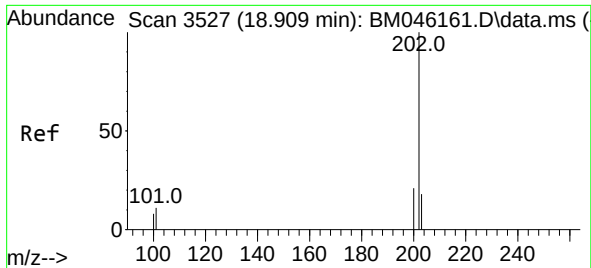


#16
Anthracene
Concen: 0.075 ng/ul m
RT: 16.943 min Scan# 3070
Delta R.T. -0.062 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43



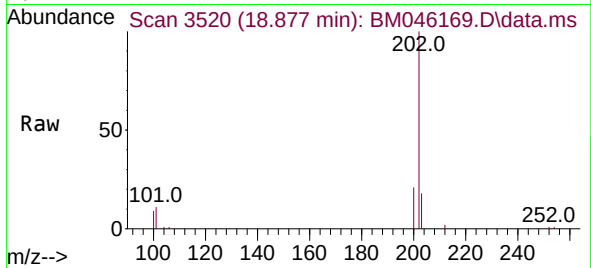
Tgt Ion:178 Resp: 1640
Ion Ratio Lower Upper
178 100
179 32.1 14.9 22.3#
176 27.1 17.0 25.4#





#19
Fluoranthene
Concen: 0.583 ng/u1
RT: 18.877 min Scan# 3520
Delta R.T. -0.041 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

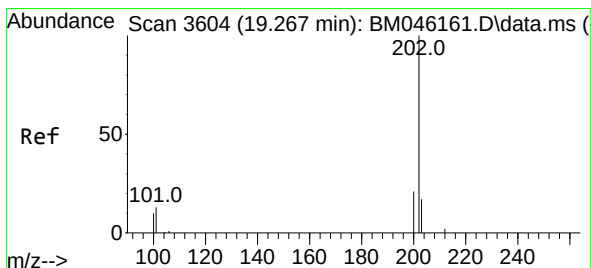
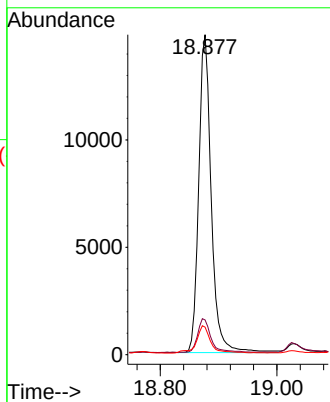
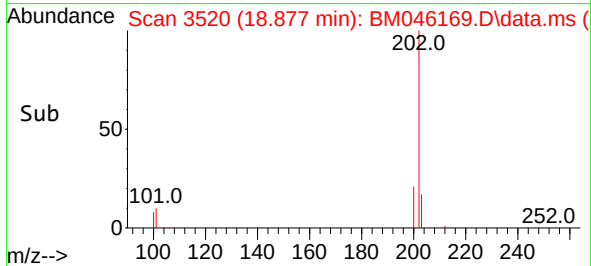
Instrument :
BNA_M
ClientSampleId :
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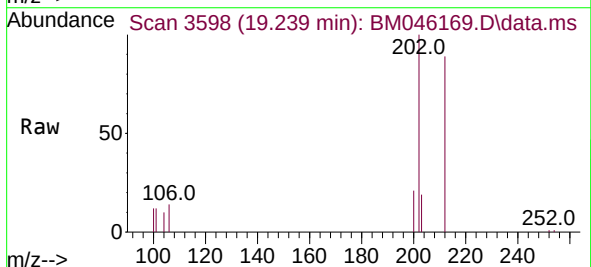
Tgt Ion:202 Resp: 22178
Ion Ratio Lower Upper
202 100
101 10.8 9.6 14.4
100 8.6 7.6 11.4

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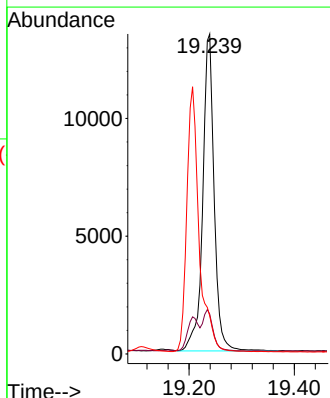
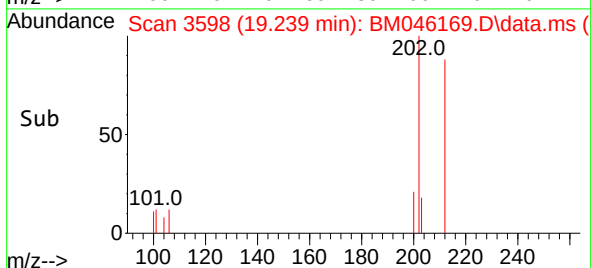
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

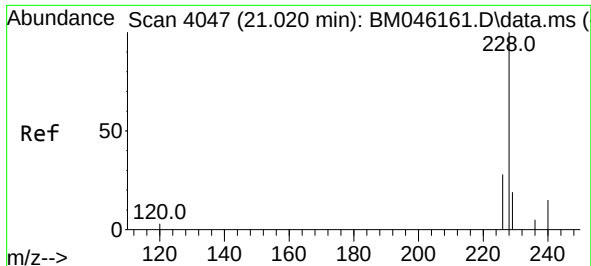


#20
Pyrene
Concen: 0.493 ng/u1
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43



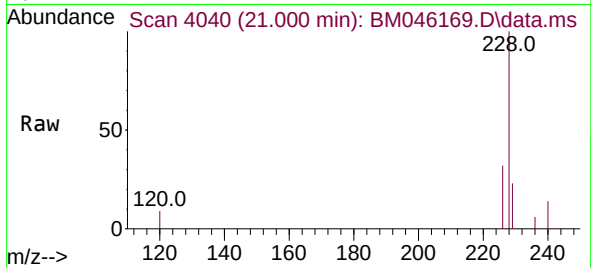
Tgt Ion:202 Resp: 20297
Ion Ratio Lower Upper
202 100
101 12.5 11.3 16.9
100 11.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.312 ng/uI
RT: 21.000 min Scan# 4058
Delta R.T. -0.030 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

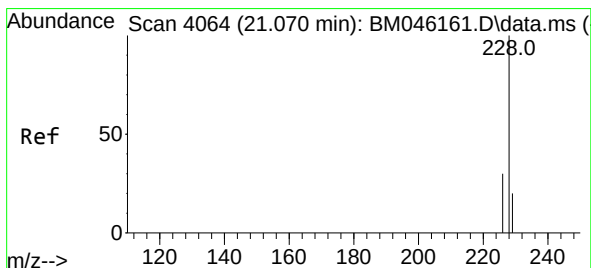
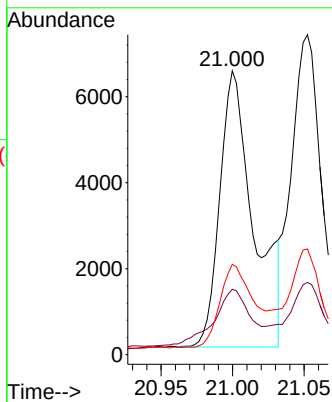
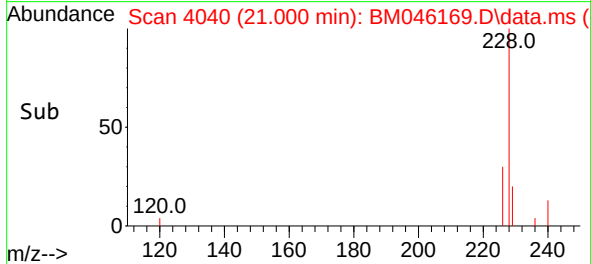
Instrument :
BNA_M
ClientSampleId :
A4BQ6



Tgt Ion:228 Resp: 1058
Ion Ratio Lower Upper
228 100
229 23.1 16.4 24.6
226 31.8 23.4 35.2

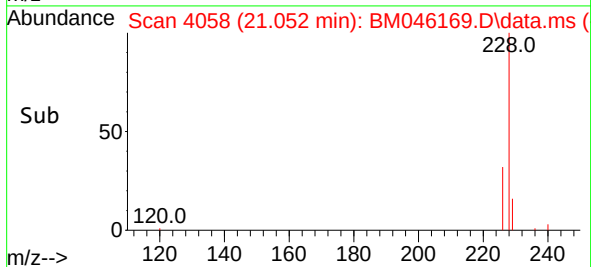
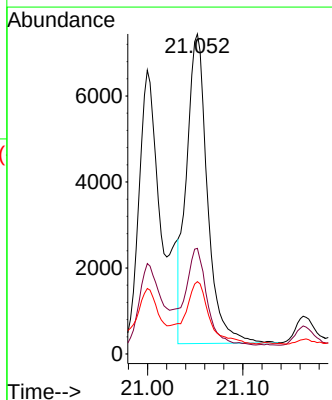
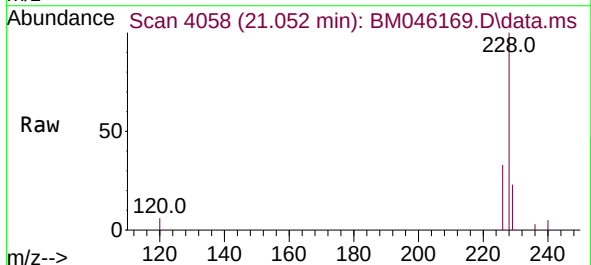
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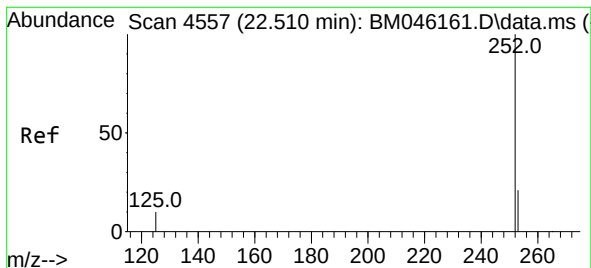
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 0.253 ng/uI
RT: 21.052 min Scan# 4058
Delta R.T. -0.024 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

Tgt Ion:228 Resp: 10975
Ion Ratio Lower Upper
228 100
226 33.0 25.2 37.8
229 22.6 16.3 24.5





#24

Benzo(b)fluoranthene

Concen: 0.553 ng/ul m

RT: 22.490 min Scan# 4550

Delta R.T. -0.030 min

Lab File: BM046169.D

Acq: 21 Jun 2024 20:43

Instrument :

BNA_M

ClientSampleId :

A4BQ6

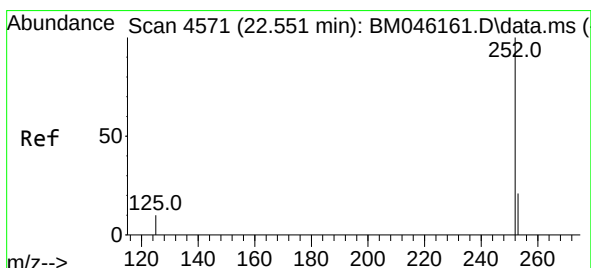
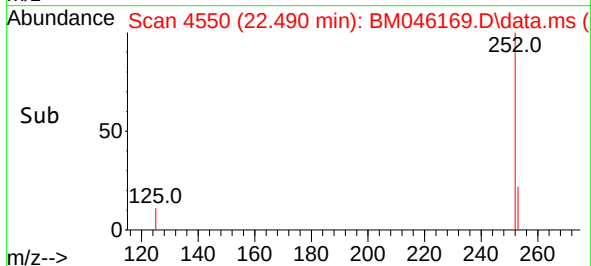
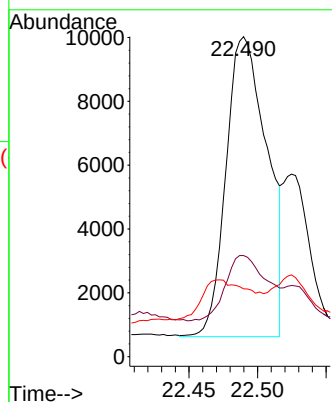
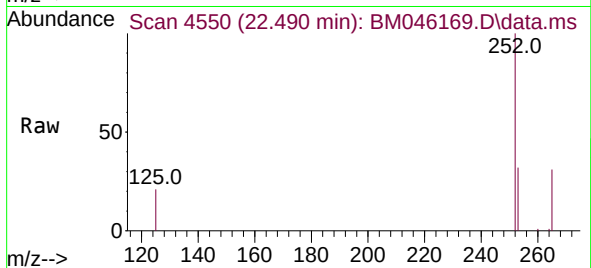
Tgt Ion:252	Resp:	1961
Ion Ratio	Lower	Upper
252	100	
253	31.6	0.0 65.8
125	21.2	0.0 40.2

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#25

Benzo(k)fluoranthene

Concen: 0.170 ng/ul m

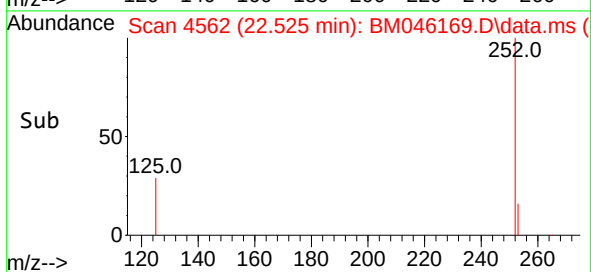
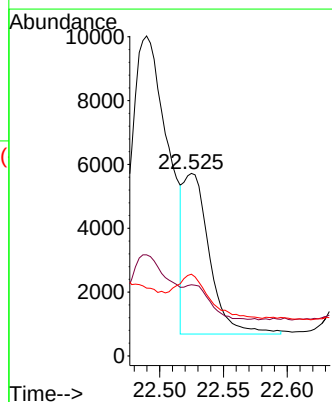
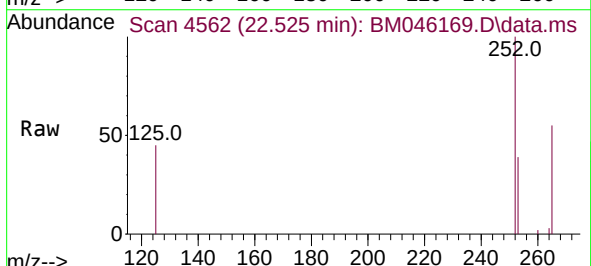
RT: 22.525 min Scan# 4562

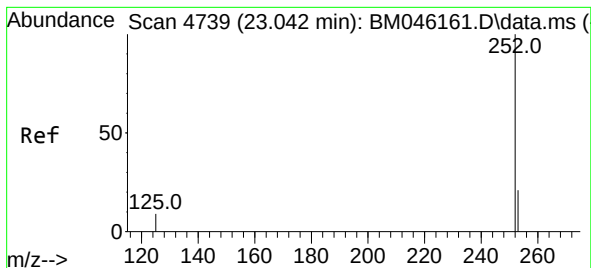
Delta R.T. -0.038 min

Lab File: BM046169.D

Acq: 21 Jun 2024 20:43

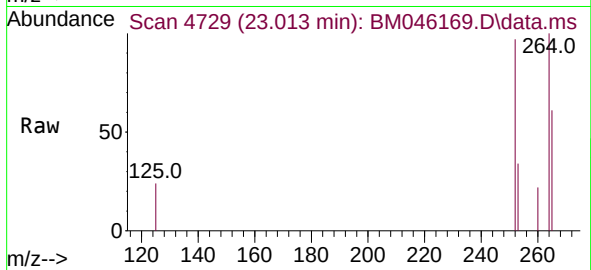
Tgt Ion:252	Resp:	7169
Ion Ratio	Lower	Upper
252	100	
253	39.0	27.2 40.8
125	44.8	16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.346 ng/ul
RT: 23.013 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

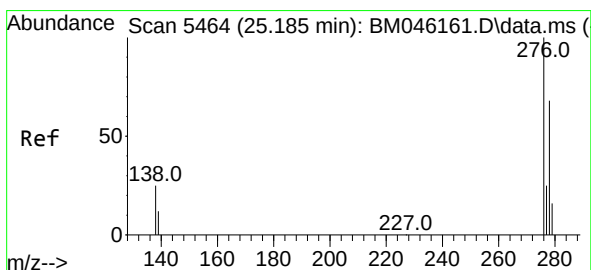
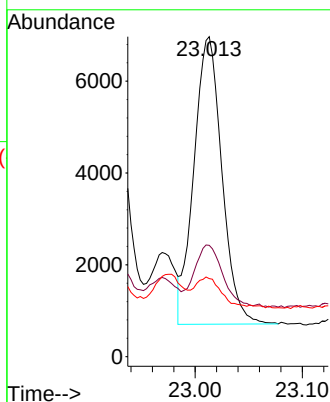
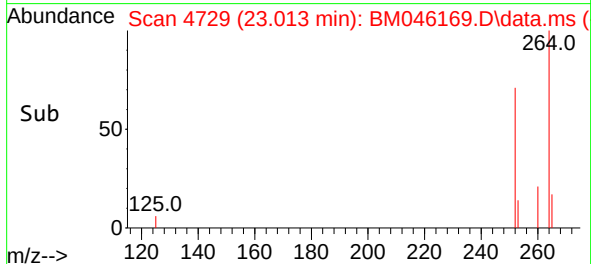
Instrument :
BNA_M
ClientSampleId :
A4BQ6



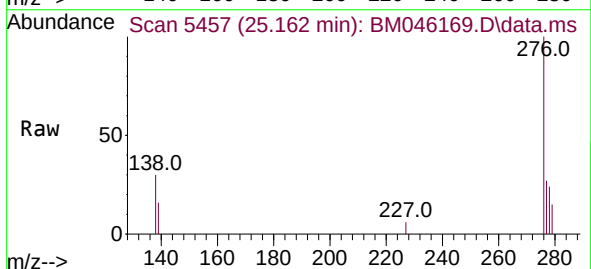
Tgt Ion:252 Resp: 11369
Ion Ratio Lower Upper
252 100
253 34.8 32.1 48.1
125 24.4 21.2 31.8

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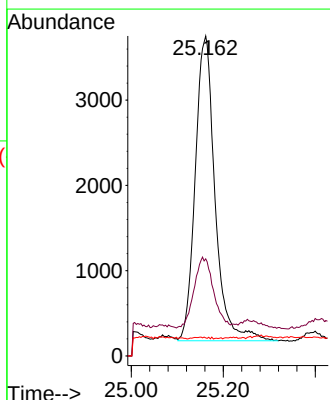
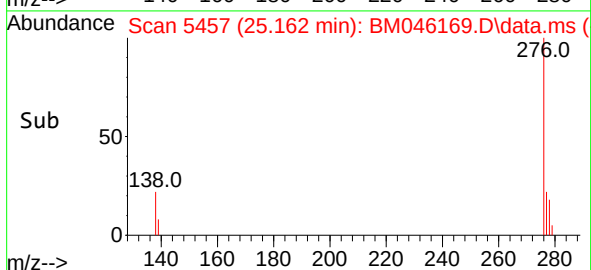
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

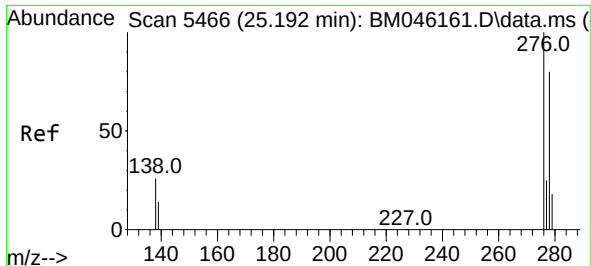


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng/ul
RT: 25.162 min Scan# 5457
Delta R.T. -0.041 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43



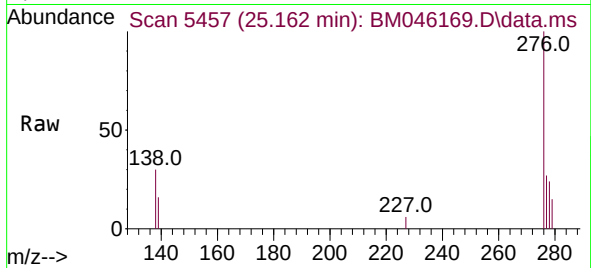
Tgt Ion:276 Resp: 10651
Ion Ratio Lower Upper
276 100
138 23.4 21.0 31.4
227 0.4 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 25.162 min Scan# 5466
Delta R.T. -0.054 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43

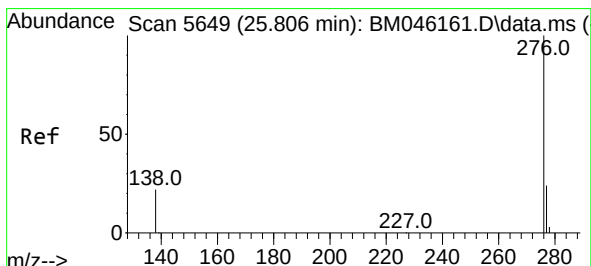
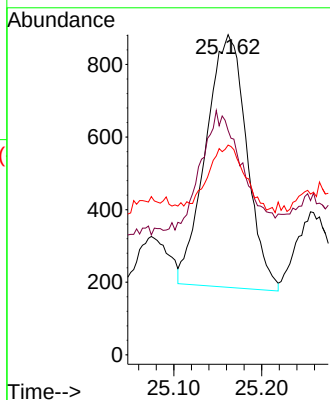
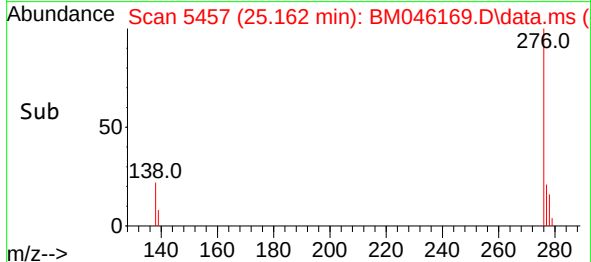
Instrument :
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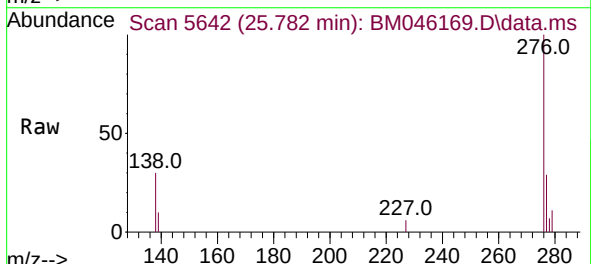
Tgt Ion:278 Resp: 2249
Ion Ratio Lower Upper
278 100
139 70.1 17.6 26.4
279 65.5 26.3 39.5

Manual Integrations
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Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.244 ng/ul
RT: 25.782 min Scan# 5642
Delta R.T. -0.047 min
Lab File: BM046169.D
Acq: 21 Jun 2024 20:43



Tgt Ion:276 Resp: 11240
Ion Ratio Lower Upper
276 100
138 29.8 21.7 32.5
277 28.6 20.4 30.6

