

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046281.D
 Acq On : 25 Jun 2024 08:39
 Operator : MA/JU
 Sample : P2844-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C84

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 09:10:08 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 25 08:04:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.400	152	2151	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.171	136	6528	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.047	164	3480	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.794	188	7427m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.015	240	5675	0.400	ng/ul	-0.01
23) Perylene-d12	23.089	264	4753m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	10158	3.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.810	152	2305	0.263	ng/ul	-0.06
18) Fluoranthene-d10	18.833	212	5084	0.299	ng/ul	-0.04
Target Compounds						Qvalue
15) Phenanthrene	16.836	178	2020m	0.097	ng/ul	
16) Anthracene	16.925	178	503m	0.032	ng/ul	
19) Fluoranthene	18.861	202	4316	0.176	ng/ul	98
20) Pyrene	19.219	202	4535m	0.171	ng/ul	
21) Benzo(a)anthracene	21.000	228	1890	0.086	ng/ul#	85
22) Chrysene	21.053	228	2255	0.081	ng/ul#	91
24) Benzo(b)fluoranthene	22.478	252	3285m	0.192	ng/ul	
25) Benzo(k)fluoranthene	22.511	252	1329m	0.065	ng/ul	
26) Benzo(a)pyrene	22.996	252	2073	0.131	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	25.162	276	2045	0.079	ng/ul#	1
29) Benzo(g,h,i)perylene	25.776	276	1862	0.084	ng/ul#	60

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

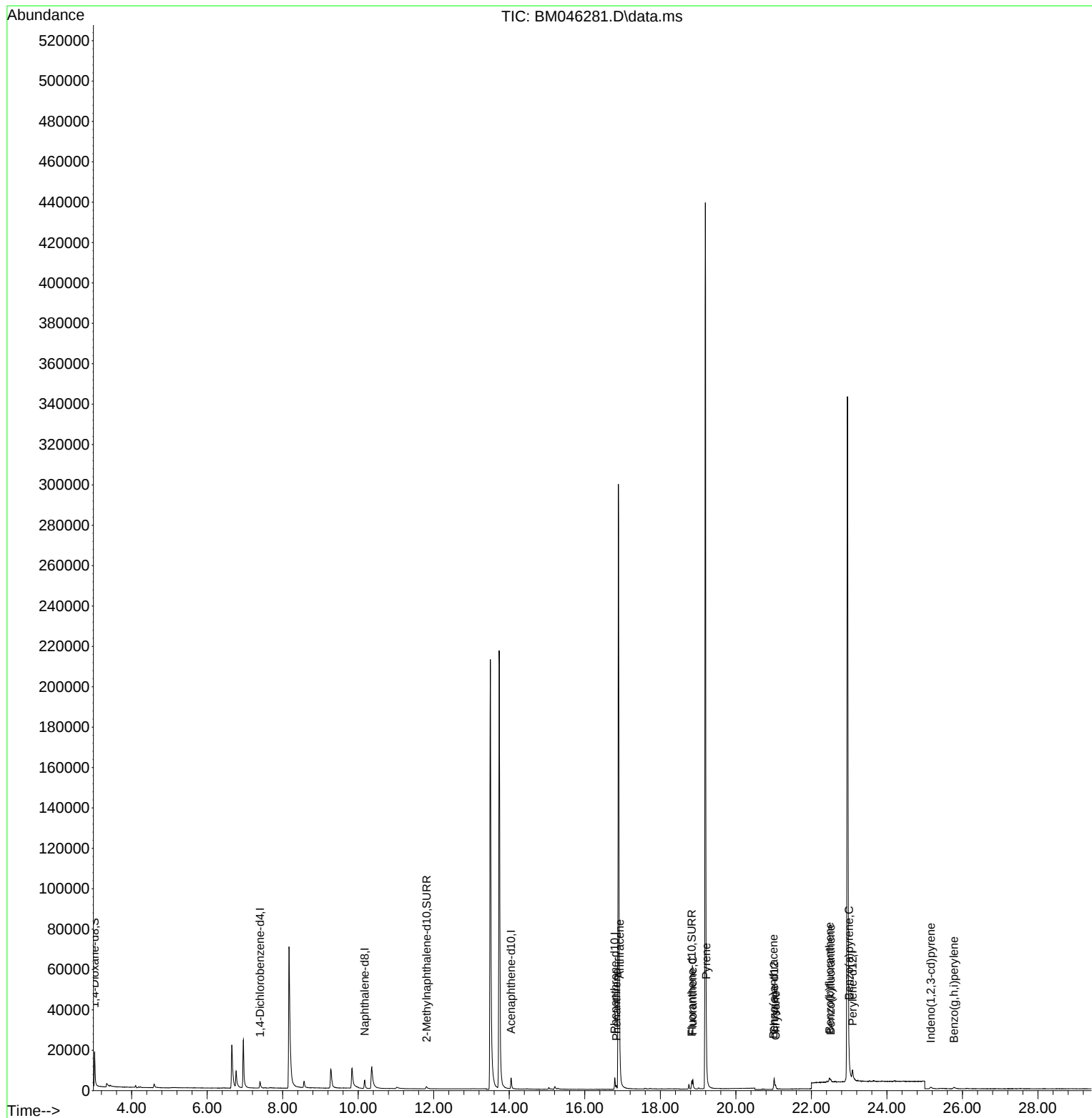
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046281.D
Acq On : 25 Jun 2024 08:39
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ALS Vial : 40 Sample Multiplier: 1

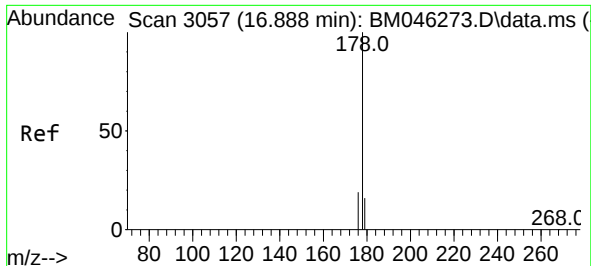
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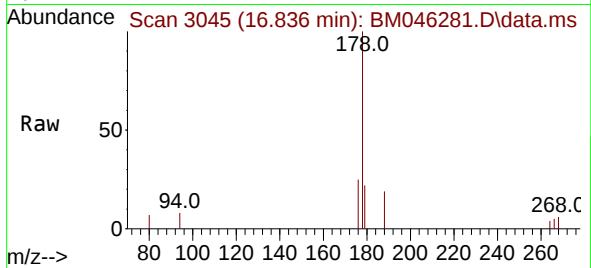
Quant Time: Jun 25 09:10:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
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#15
Phenanthrene
Concen: 0.097 ng/ul m
RT: 16.836 min Scan# 3045
Delta R.T. -0.052 min
Lab File: BM046281.D
Acq: 25 Jun 2024 08:39

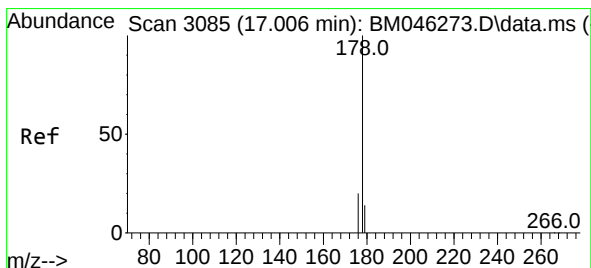
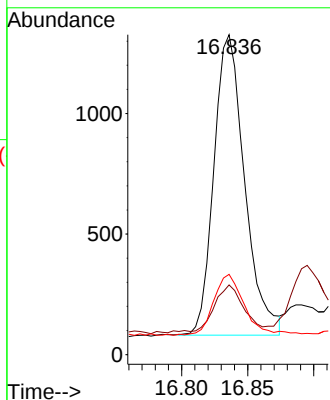
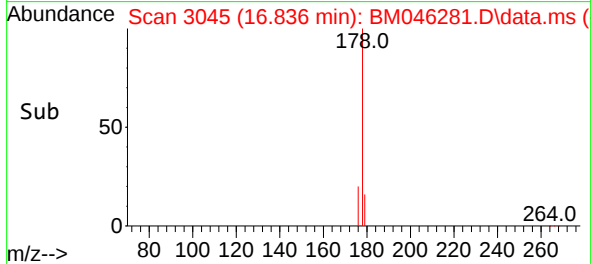
Instrument :
BNA_M
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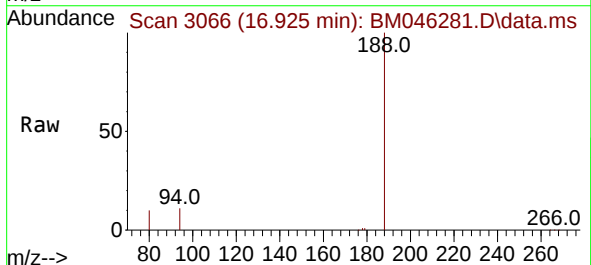
Tgt Ion:178 Resp: 2020
Ion Ratio Lower Upper
178 100
179 21.8 14.2 21.2#
176 25.1 17.1 25.7#

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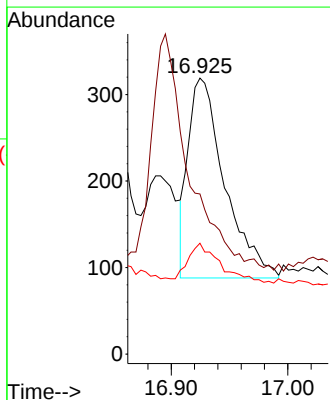
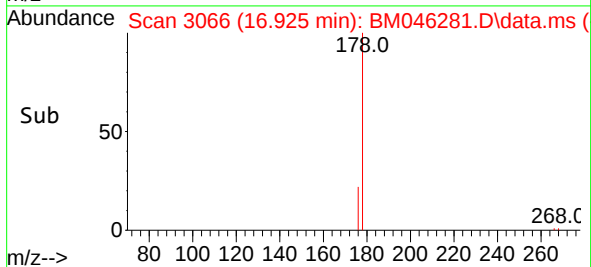
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

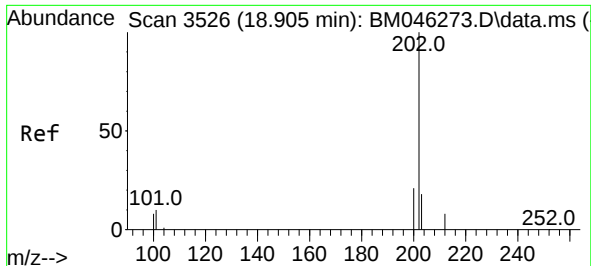


#16
Anthracene
Concen: 0.032 ng/ul m
RT: 16.925 min Scan# 3066
Delta R.T. -0.082 min
Lab File: BM046281.D
Acq: 25 Jun 2024 08:39



Tgt Ion:178 Resp: 503
Ion Ratio Lower Upper
178 100
179 58.0 14.9 22.3#
176 40.1 17.0 25.4#





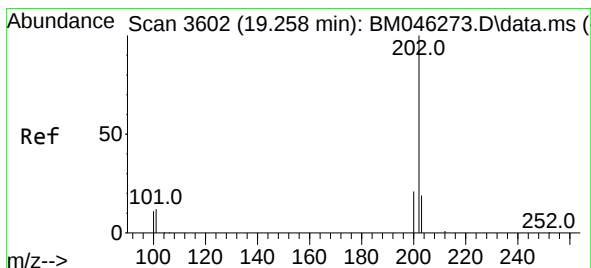
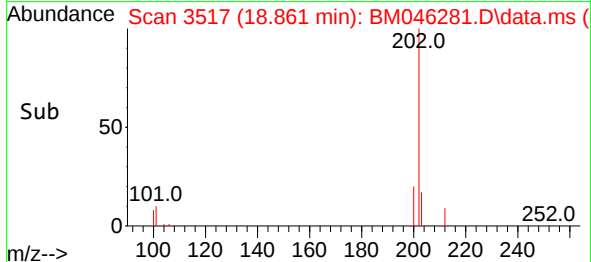
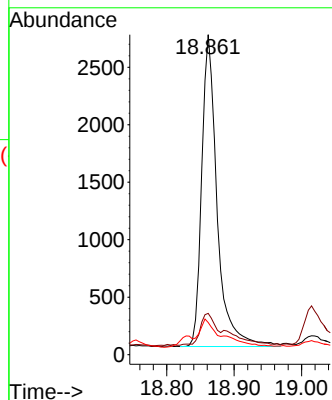
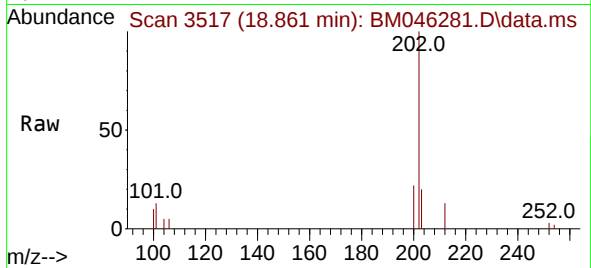
#19
Fluoranthene
Concen: 0.176 ng/ul
RT: 18.861 min Scan# 3517
Delta R.T. -0.043 min
Lab File: BM046281.D
Acq: 25 Jun 2024 08:39

Instrument :
BNA_M
ClientSampleId :
A4C84

Tgt Ion:202 Resp: 4310
Ion Ratio Lower Upper
202 100
101 12.9 9.6 14.4
100 10.1 7.6 11.4

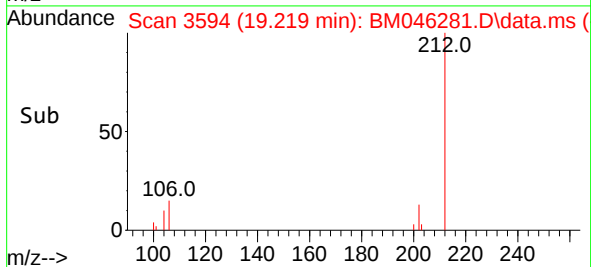
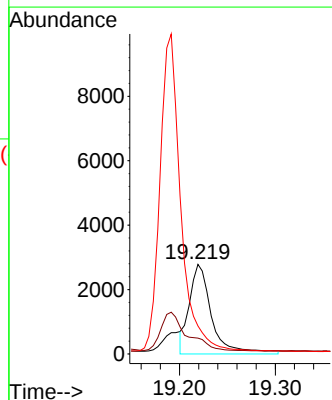
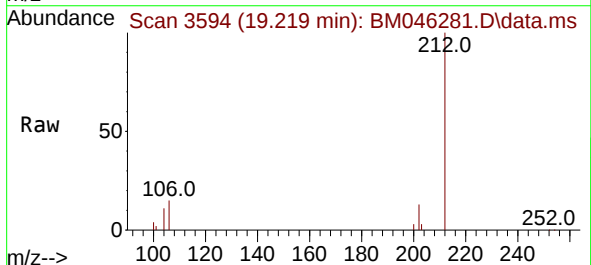
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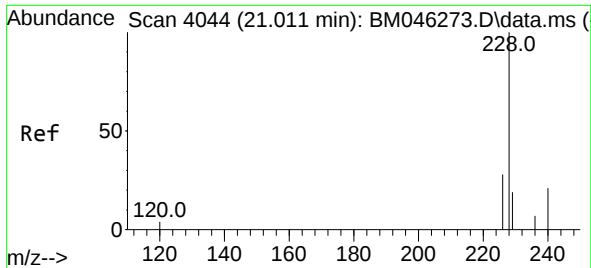
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 0.171 ng/ul m
RT: 19.219 min Scan# 3594
Delta R.T. -0.039 min
Lab File: BM046281.D
Acq: 25 Jun 2024 08:39

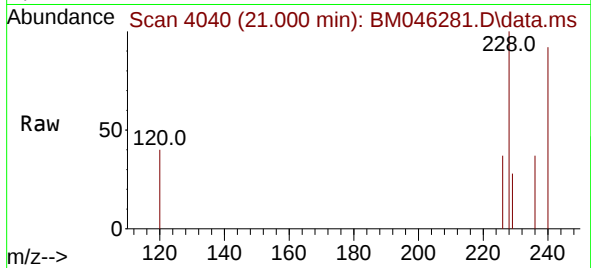
Tgt Ion:202 Resp: 4535
Ion Ratio Lower Upper
202 100
101 17.7 11.3 16.9#
100 31.3 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.086 ng/uI
RT: 21.000 min Scan# 4044
Delta R.T. -0.011 min
Lab File: BM046281.D
Acq: 25 Jun 2024 08:39

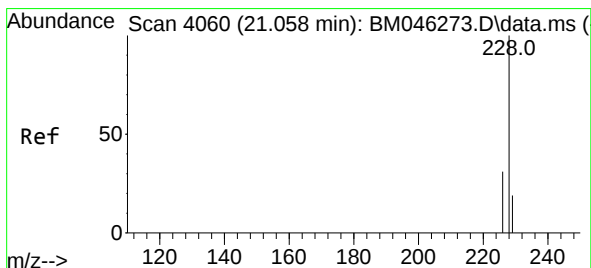
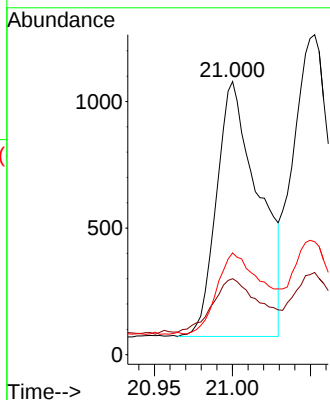
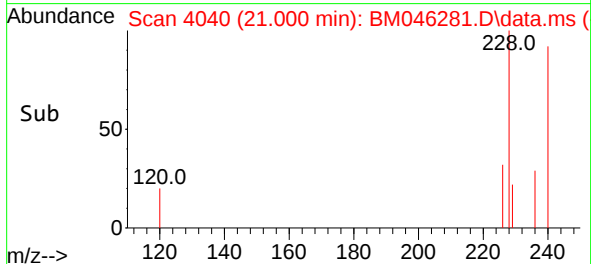
Instrument :
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ClientSampleId :
A4C84



Tgt Ion:228 Resp: 1890
Ion Ratio Lower Upper
228 100
229 27.8 16.4 24.6
226 37.3 23.4 35.2

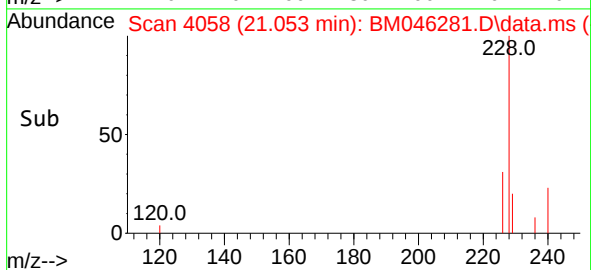
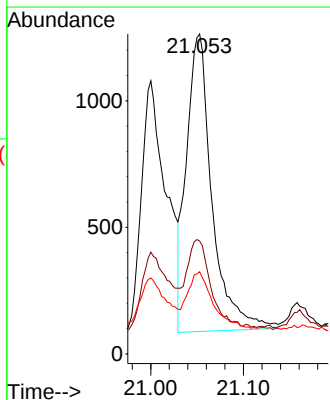
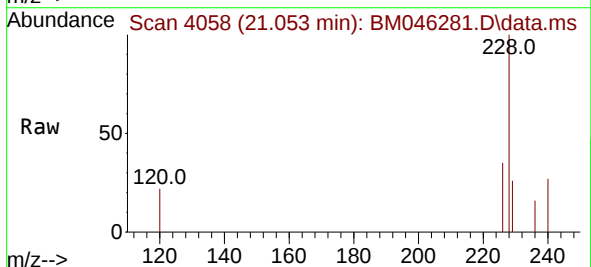
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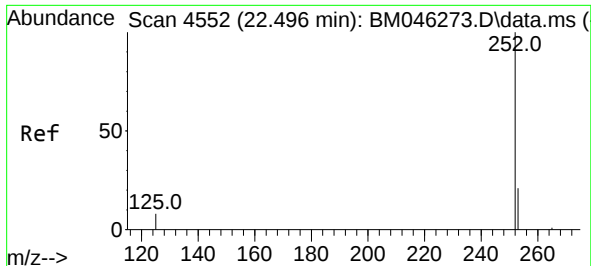
Reviewed By :Yogesh Patel 06/25/2024
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#22
Chrysene
Concen: 0.081 ng/uI
RT: 21.053 min Scan# 4058
Delta R.T. -0.006 min
Lab File: BM046281.D
Acq: 25 Jun 2024 08:39

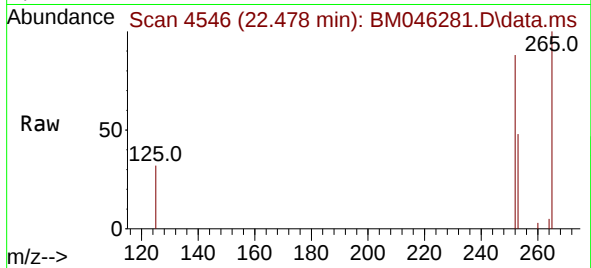
Tgt Ion:228 Resp: 2255
Ion Ratio Lower Upper
228 100
226 35.3 25.2 37.8
229 25.7 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.192 ng/ul m
RT: 22.478 min Scan# 4546
Delta R.T. -0.017 min
Lab File: BM046281.D
Acq: 25 Jun 2024 08:39

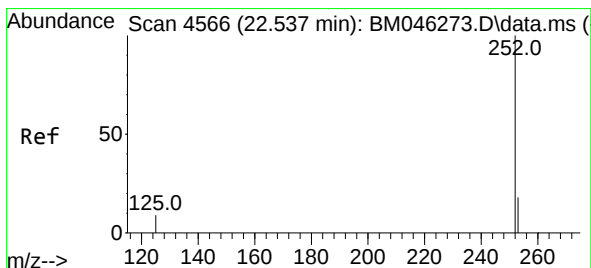
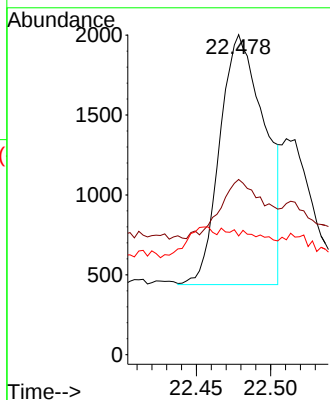
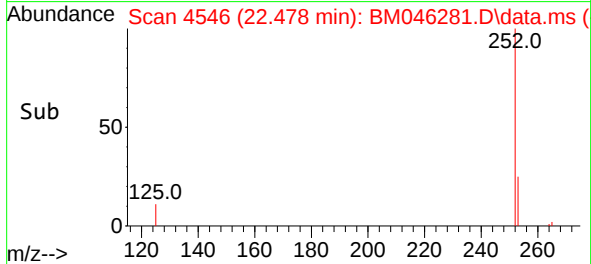
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BNA_M
ClientSampleId :
A4C84



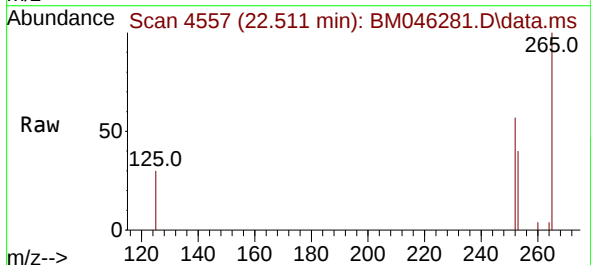
Tgt Ion:252 Resp: 3285
Ion Ratio Lower Upper
252 100
253 54.8 0.0 65.8
125 37.1 0.0 40.2

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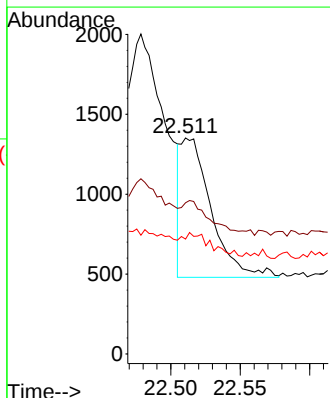
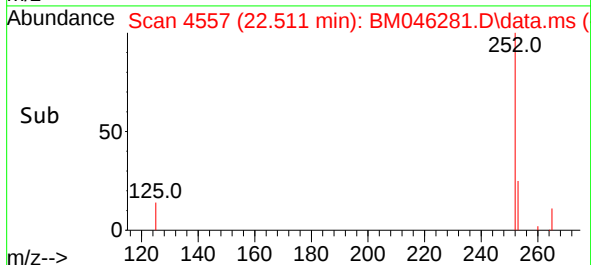
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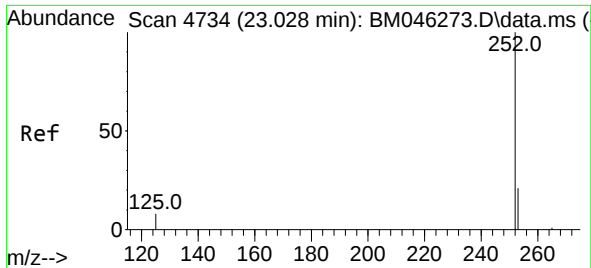


#25
Benzo(k)fluoranthene
Concen: 0.065 ng/ul m
RT: 22.511 min Scan# 4557
Delta R.T. -0.026 min
Lab File: BM046281.D
Acq: 25 Jun 2024 08:39



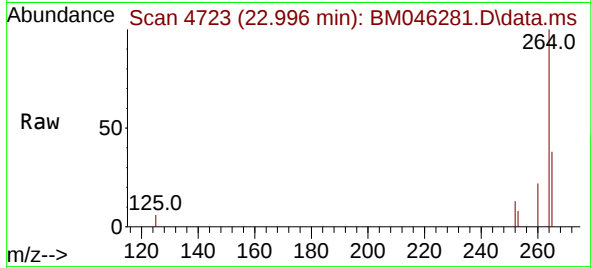
Tgt Ion:252 Resp: 1329
Ion Ratio Lower Upper
252 100
253 70.0 27.2 40.8#
125 53.2 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 0.131 ng/ul
RT: 22.996 min Scan# 4723
Delta R.T. -0.032 min
Lab File: BM046281.D
Acq: 25 Jun 2024 08:39

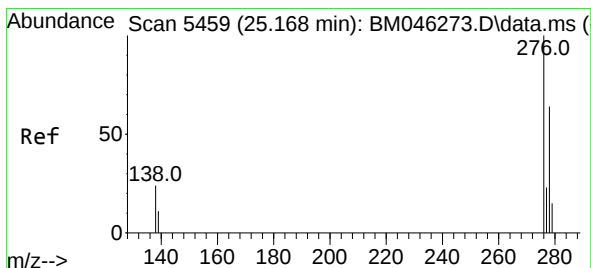
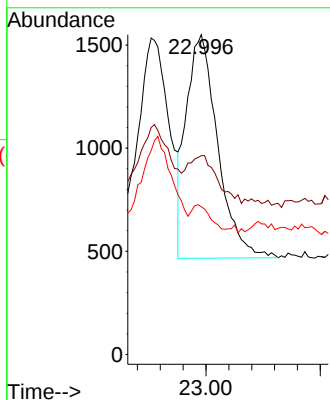
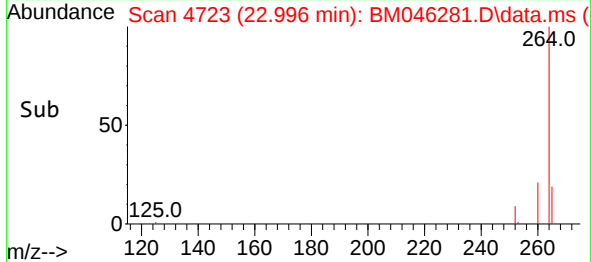
Instrument :
BNA_M
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A4C84



Tgt Ion:252 Resp: 2073
Ion Ratio Lower Upper
252 100
253 62.2 32.1 48.1
125 46.3 21.2 31.8

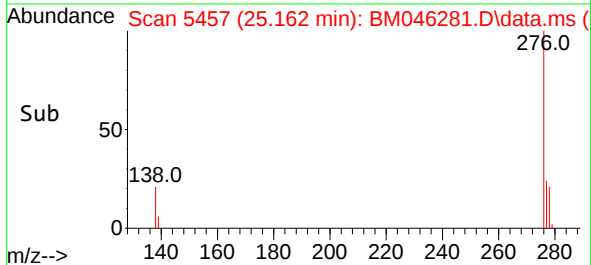
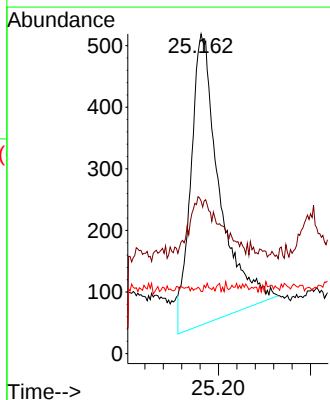
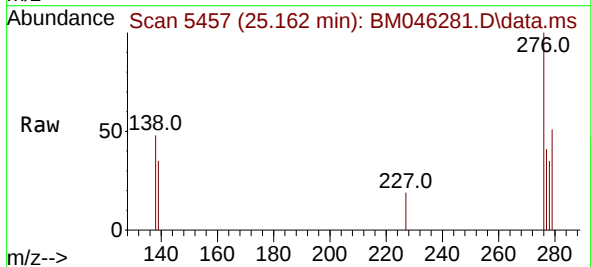
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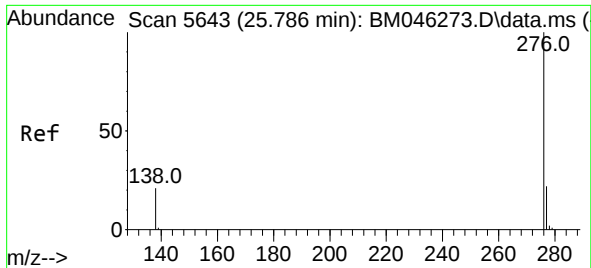
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.079 ng/ul
RT: 25.162 min Scan# 5457
Delta R.T. -0.006 min
Lab File: BM046281.D
Acq: 25 Jun 2024 08:39

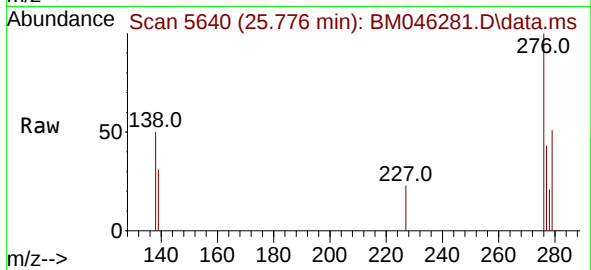
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Ion Ratio Lower Upper
276 100
138 177.0 21.0 31.4
227 0.0 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 0.084 ng/ul
RT: 25.776 min Scan# 50
Delta R.T. -0.010 min
Lab File: BM046281.D
Acq: 25 Jun 2024 08:39

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 276 Resp: 1862
Ion Ratio Lower Upper
276 100
138 49.8 21.7 32.5
277 43.5 20.4 30.6

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