

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046278.D
 Acq On : 25 Jun 2024 06:50
 Operator : MA/JU
 Sample : P2776-18DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C71DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 07:21:08 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 : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2283	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.227	136	6326	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.067	164	3791	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.812	188	7312	0.400	ng/ul	-0.05
17) Chrysene-d12	21.014	240	5845	0.400	ng/ul	-0.03
23) Perylene-d12	23.098	264	6900m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2058	0.657	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.860	152	442	0.052	ng/ul	0.00
18) Fluoranthene-d10	18.844	212	916	0.052	ng/ul	-0.04
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.785	152	875	0.049	ng/ul#	71
15) Phenanthrene	16.854	178	5412	0.263	ng/ul	99
16) Anthracene	16.947	178	1345	0.088	ng/ul#	77
19) Fluoranthene	18.872	202	13252	0.524	ng/ul	98
20) Pyrene	19.230	202	9856	0.360	ng/ul	97
21) Benzo(a)anthracene	20.997	228	5800	0.257	ng/ul	95
22) Chrysene	21.046	228	5803	0.201	ng/ul	96
24) Benzo(b)fluoranthene	22.484	252	9073m	0.365	ng/ul	
25) Benzo(k)fluoranthene	22.522	252	4079m	0.138	ng/ul	
26) Benzo(a)pyrene	23.007	252	3180	0.138	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.148	276	3509	0.093	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.148	278	1100	0.039	ng/ul#	20

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

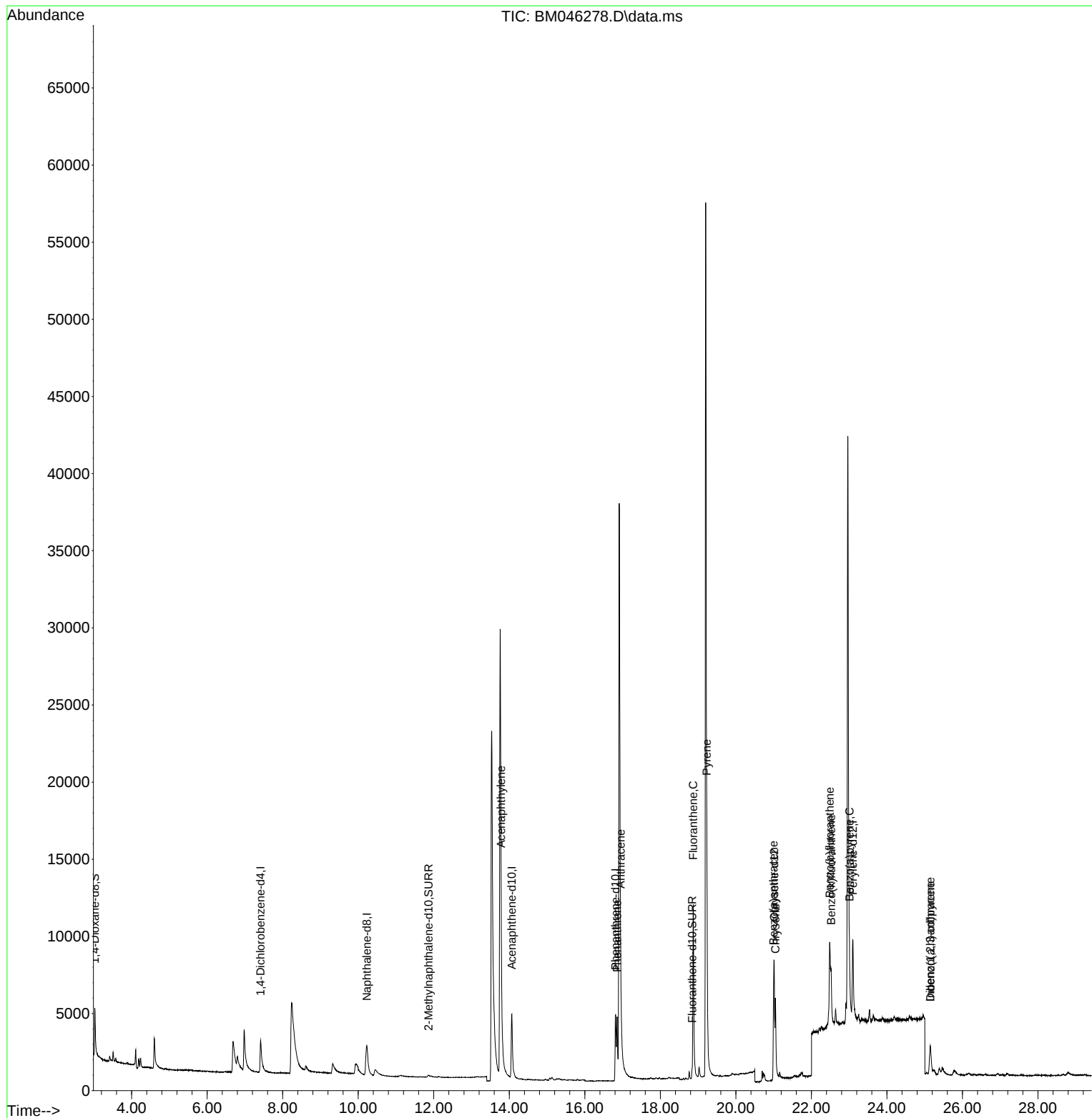
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046278.D
Acq On : 25 Jun 2024 06:50
Operator : MA/JU
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Misc :
ALS Vial : 37 Sample Multiplier: 1

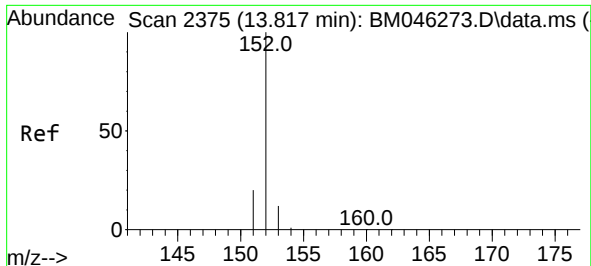
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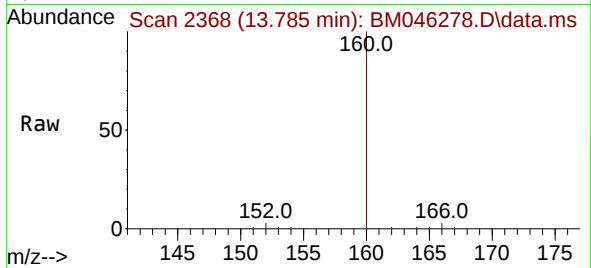
Quant Time: Jun 25 07:21:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 13.785 min Scan# 21
Delta R.T. -0.050 min
Lab File: BM046278.D
Acq: 25 Jun 2024 06:50

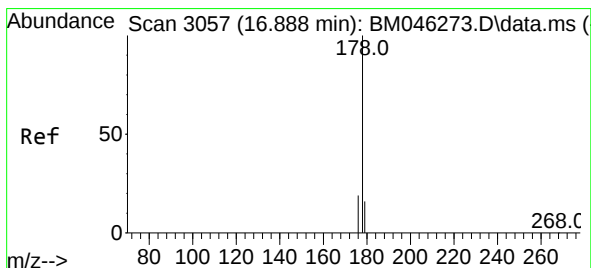
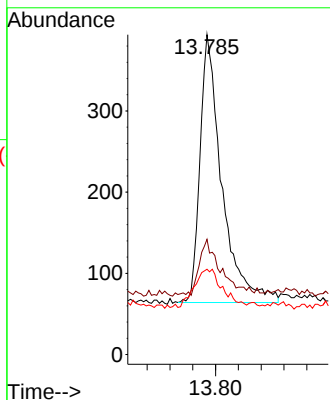
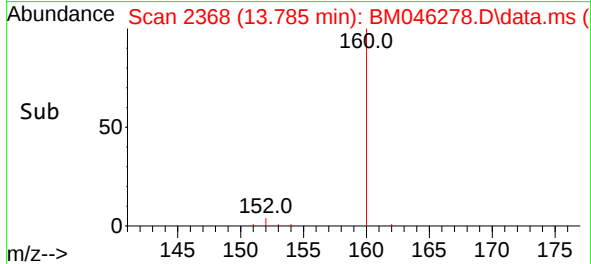
Instrument :
BNA_M
ClientSampleId :
A4C71DL



Tgt Ion:152 Resp: 879
Ion Ratio Lower Upper
152 100
151 36.0 17.4 26.2
153 26.6 11.8 17.8

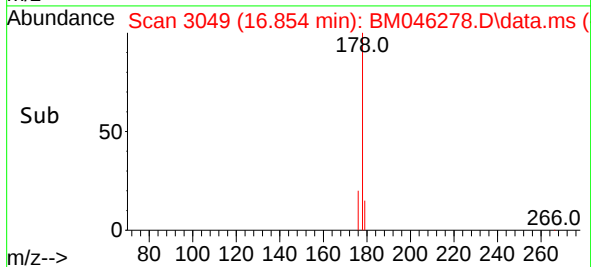
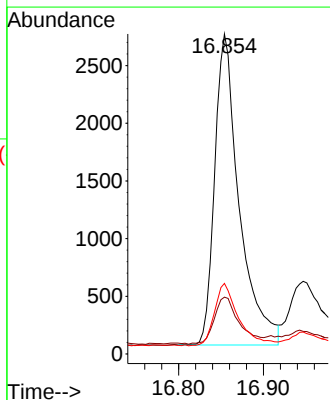
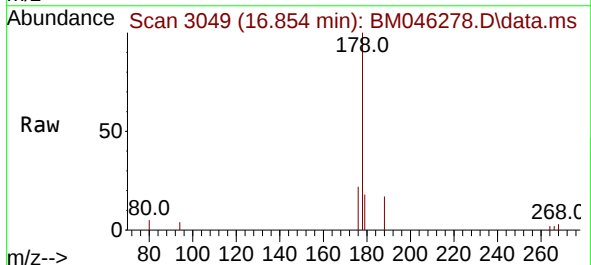
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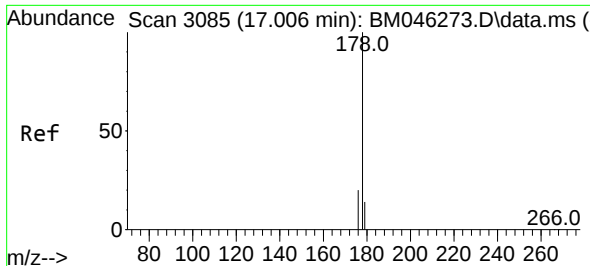
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#15
Phenanthrene
Concen: 0.263 ng/ul
RT: 16.854 min Scan# 3049
Delta R.T. -0.049 min
Lab File: BM046278.D
Acq: 25 Jun 2024 06:50

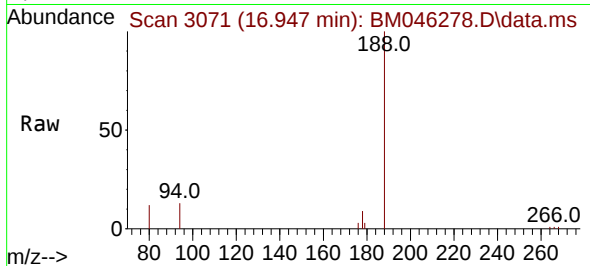
Tgt Ion:178 Resp: 5412
Ion Ratio Lower Upper
178 100
179 17.8 14.2 21.2
176 22.1 17.1 25.7





#16
 Anthracene
 Concen: 0.088 ng/ul
 RT: 16.947 min Scan# 3085
 Delta R.T. -0.058 min
 Lab File: BM046278.D
 Acq: 25 Jun 2024 06:50

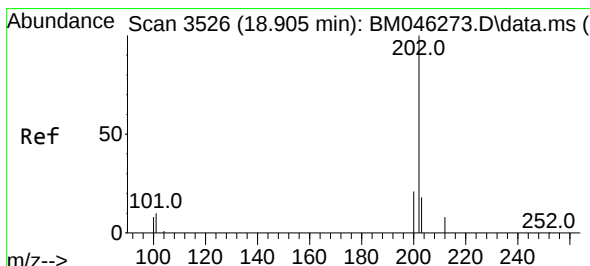
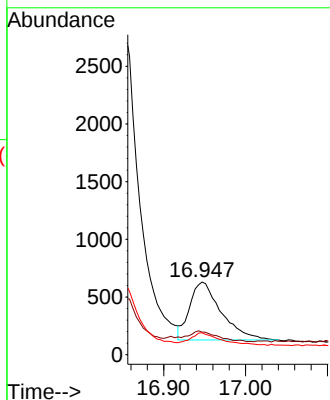
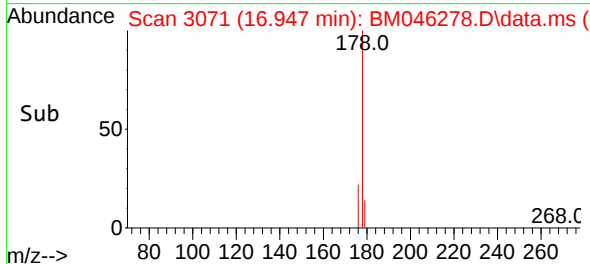
Instrument :
 BNA_M
 ClientSampleId :
 A4C71DL



Tgt Ion:178 Resp: 1345
 Ion Ratio Lower Upper
 178 100
 179 31.1 14.9 22.3
 176 30.2 17.0 25.4

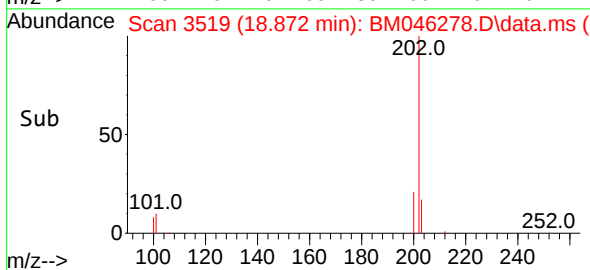
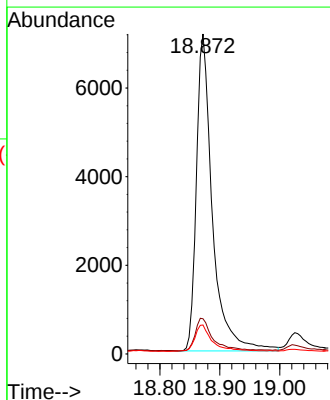
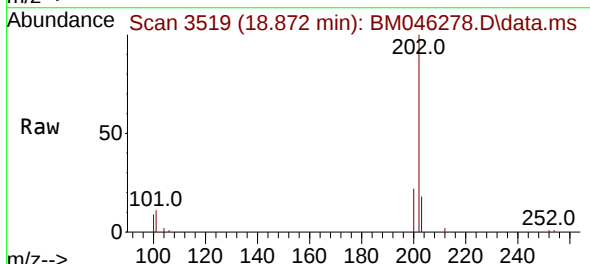
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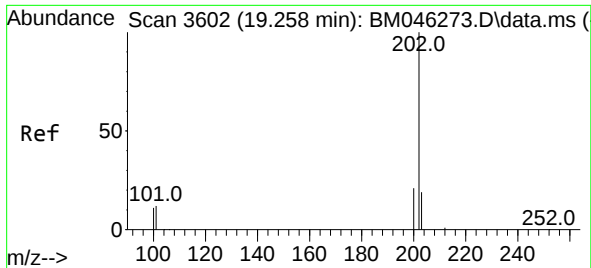
Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024



#19
 Fluoranthene
 Concen: 0.524 ng/ul
 RT: 18.872 min Scan# 3519
 Delta R.T. -0.045 min
 Lab File: BM046278.D
 Acq: 25 Jun 2024 06:50

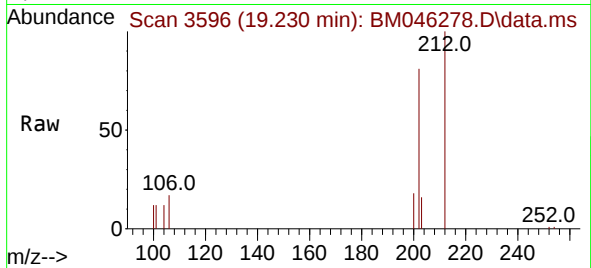
Tgt Ion:202 Resp: 13252
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.6 14.4
 100 9.0 7.6 11.4





#20
Pyrene
Concen: 0.360 ng/u1
RT: 19.230 min Scan# 31
Delta R.T. -0.045 min
Lab File: BM046278.D
Acq: 25 Jun 2024 06:50

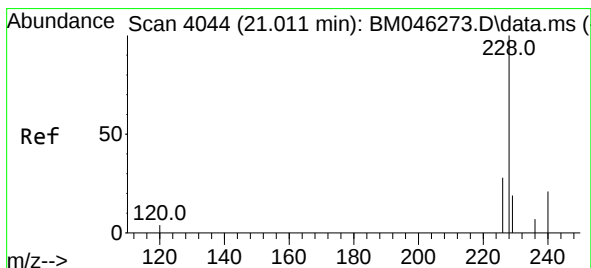
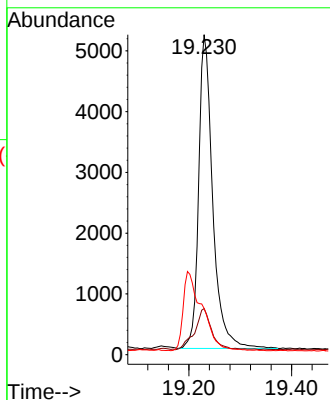
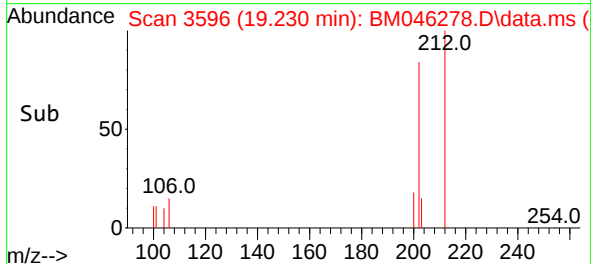
Instrument :
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ClientSampleId :
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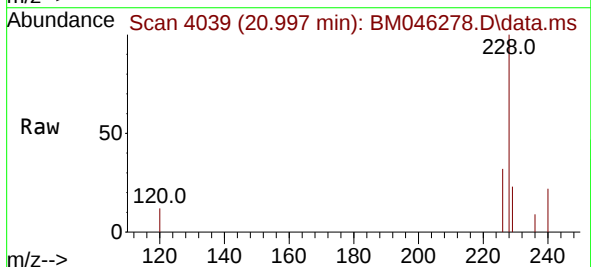
Tgt Ion:202 Resp: 9850
Ion Ratio Lower Upper
202 100
101 14.4 11.3 16.9
100 14.4 9.8 14.6

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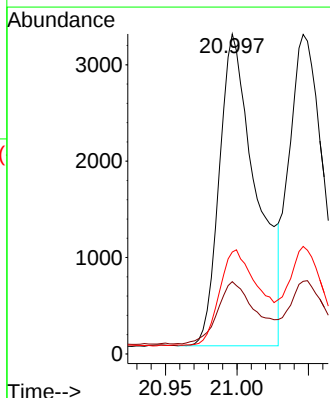
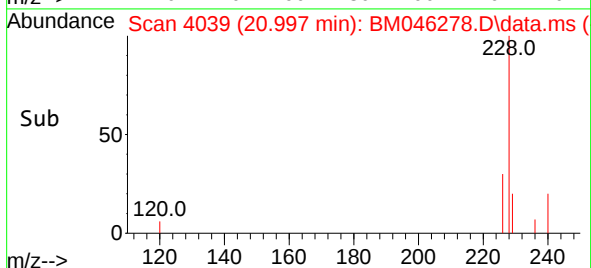
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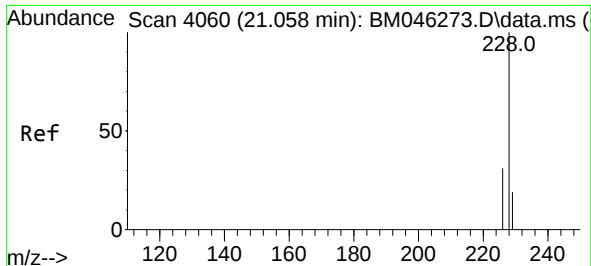


#21
Benzo(a)anthracene
Concen: 0.257 ng/u1
RT: 20.997 min Scan# 4039
Delta R.T. -0.033 min
Lab File: BM046278.D
Acq: 25 Jun 2024 06:50



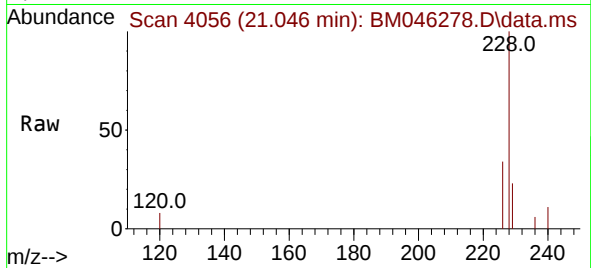
Tgt Ion:228 Resp: 5800
Ion Ratio Lower Upper
228 100
229 22.6 16.4 24.6
226 31.9 23.4 35.2





#22
Chrysene
Concen: 0.201 ng/ul
RT: 21.046 min Scan# 4060
Delta R.T. -0.030 min
Lab File: BM046278.D
Acq: 25 Jun 2024 06:50

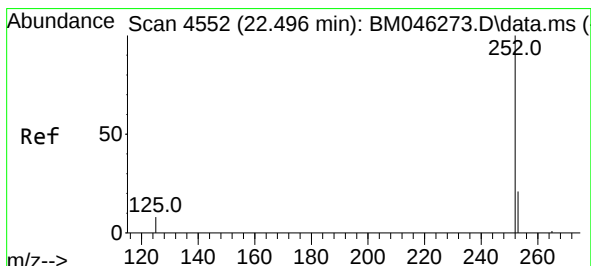
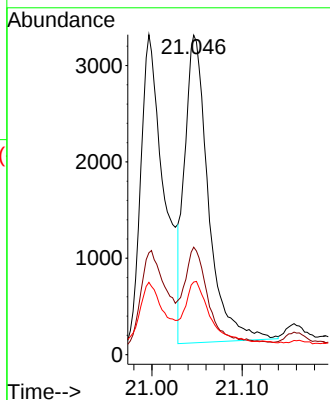
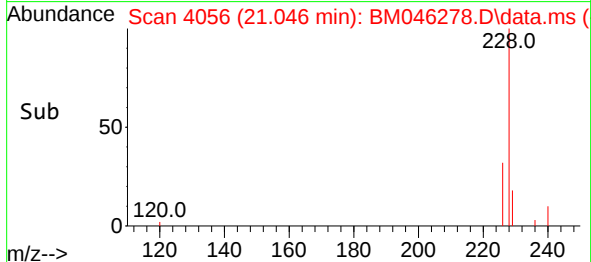
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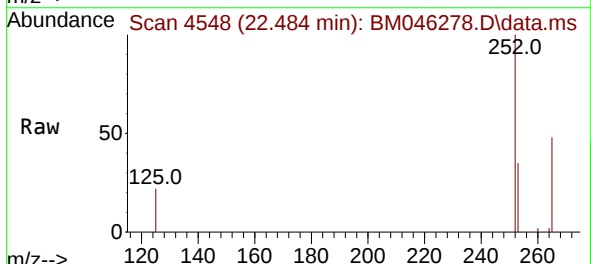
Tgt Ion:228 Resp: 580
Ion Ratio Lower Upper
228 100
226 33.7 25.2 37.8
229 22.7 16.3 24.5

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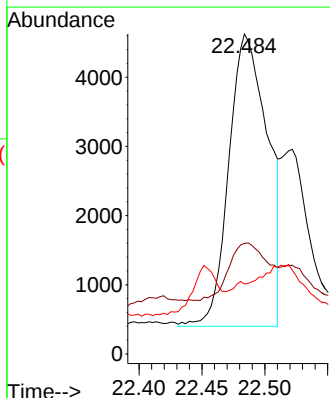
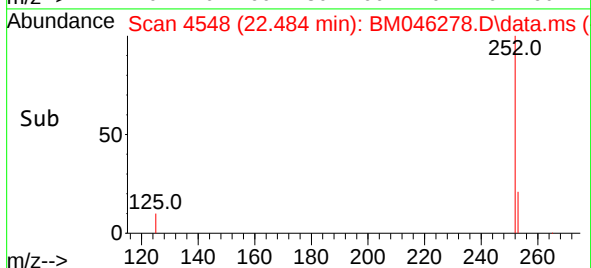
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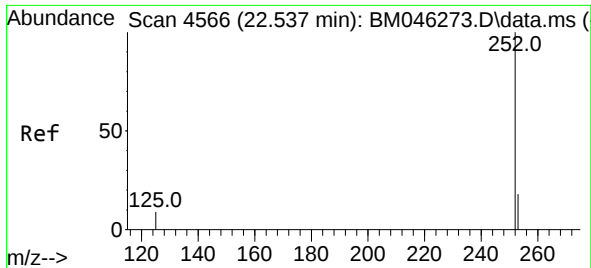


#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul m
RT: 22.484 min Scan# 4548
Delta R.T. -0.036 min
Lab File: BM046278.D
Acq: 25 Jun 2024 06:50



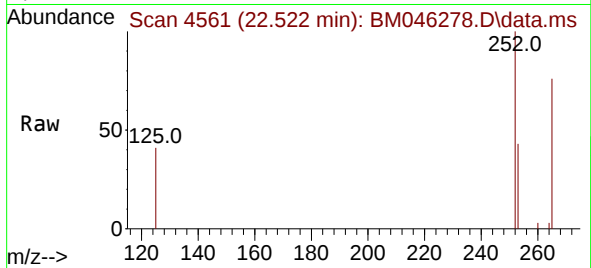
Tgt Ion:252 Resp: 9073
Ion Ratio Lower Upper
252 100
253 34.6 0.0 65.8
125 21.9 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.138 ng/ul m
RT: 22.522 min Scan# 4561
Delta R.T. -0.041 min
Lab File: BM046278.D
Acq: 25 Jun 2024 06:50

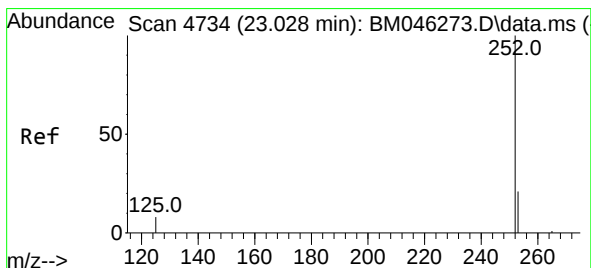
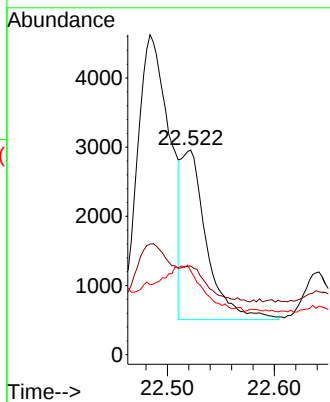
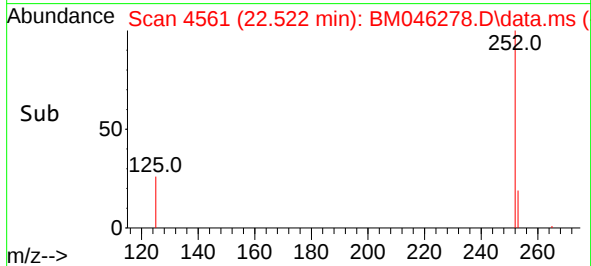
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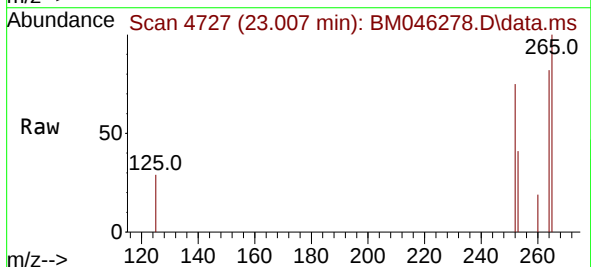
Tgt Ion:252 Resp: 4079
Ion Ratio Lower Upper
252 100
253 43.4 27.2 40.8
125 40.9 16.6 25.0

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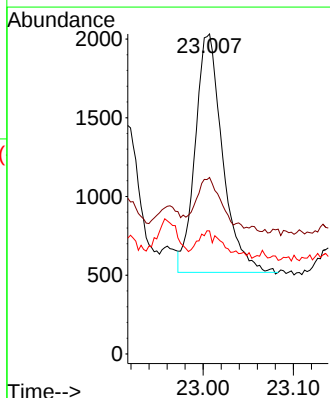
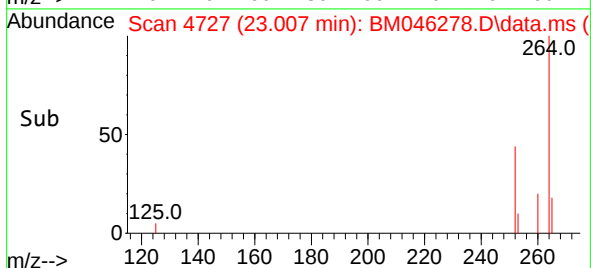
Reviewed By :Yogesh Patel 06/25/2024
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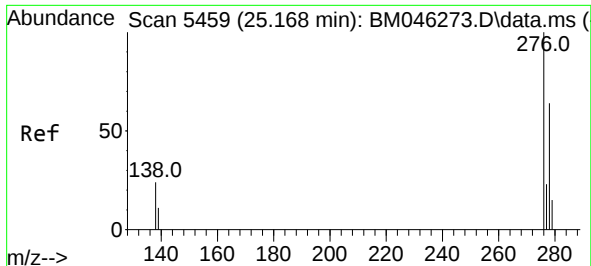


#26
Benzo(a)pyrene
Concen: 0.138 ng/ul
RT: 23.007 min Scan# 4727
Delta R.T. -0.047 min
Lab File: BM046278.D
Acq: 25 Jun 2024 06:50



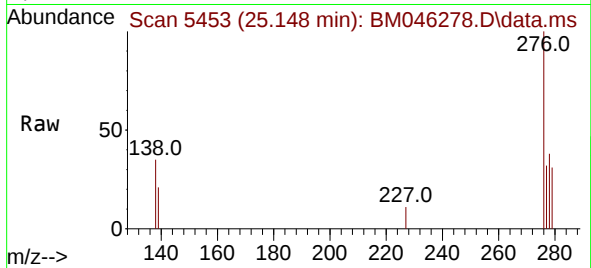
Tgt Ion:252 Resp: 3180
Ion Ratio Lower Upper
252 100
253 55.2 32.1 48.1#
125 38.4 21.2 31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.093 ng/ul
RT: 25.148 min Scan# 5453
Delta R.T. -0.054 min
Lab File: BM046278.D
Acq: 25 Jun 2024 06:50

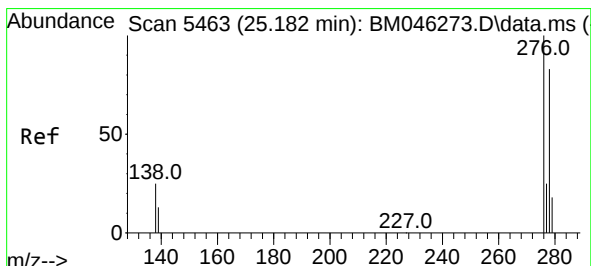
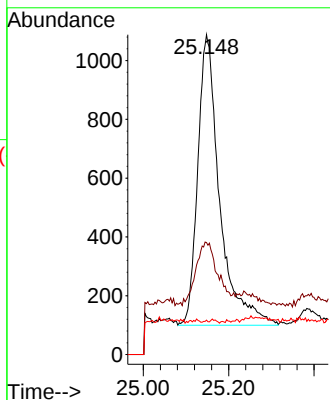
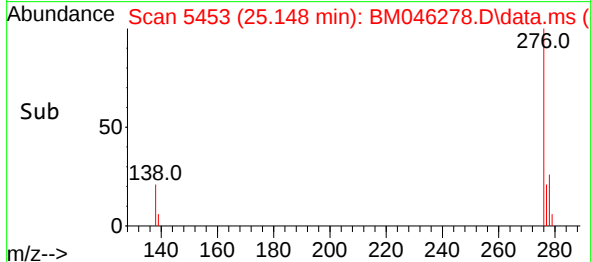
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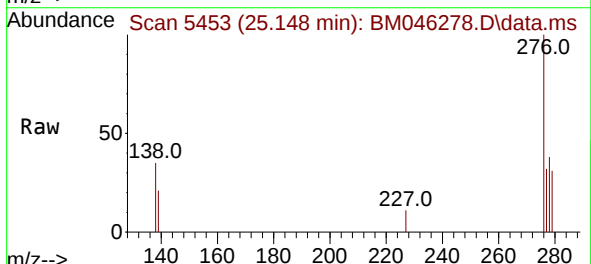
Tgt Ion:276 Resp: 3509
Ion Ratio Lower Upper
276 100
138 22.3 21.0 31.4
227 0.1 0.0 0.0

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



#28
Dibenzo(a,h)anthracene
Concen: 0.039 ng/ul
RT: 25.148 min Scan# 5453
Delta R.T. -0.068 min
Lab File: BM046278.D
Acq: 25 Jun 2024 06:50



Tgt Ion:278 Resp: 1100
Ion Ratio Lower Upper
278 100
139 56.5 17.6 26.4#
279 81.2 26.3 39.5#

