

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046453.D
 Acq On : 09 Jul 2024 01:34
 Operator : MA/JU
 Sample : P2982-22DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BC5DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 03:45:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	7216	0.400	ng/ul	0.00
4) Naphthalene-d8	10.292	136	19791	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.172	164	12069	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.925	188	23181	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.126	240	14435	0.400	ng/ul	-0.02
23) Perylene-d12	23.277	264	14887	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3731	0.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.892	152	1412	0.048	ng/ul	-0.01
18) Fluoranthene-d10	18.964	212	2358	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.967	178	10154	0.146	ng/ul	99
16) Anthracene	17.056	178	1911	0.028	ng/ul#	85
19) Fluoranthene	18.992	202	20290	0.278	ng/ul#	96
20) Pyrene	19.354	202	19882	0.265	ng/ul#	92
21) Benzo(a)anthracene	21.111	228	8108	0.126	ng/ul	93
22) Chrysene	21.161	228	9466	0.148	ng/ul	97
24) Benzo(b)fluoranthene	22.642	252	12481m	0.197	ng/ul	
25) Benzo(k)fluoranthene	22.677	252	4352m	0.068	ng/ul	
26) Benzo(a)pyrene	23.183	252	7369	0.147	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.414	276	6113	0.090	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.424	278	1460	0.028	ng/ul#	6
29) Benzo(g,h,i)perylene	26.054	276	6174	0.115	ng/ul#	92

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

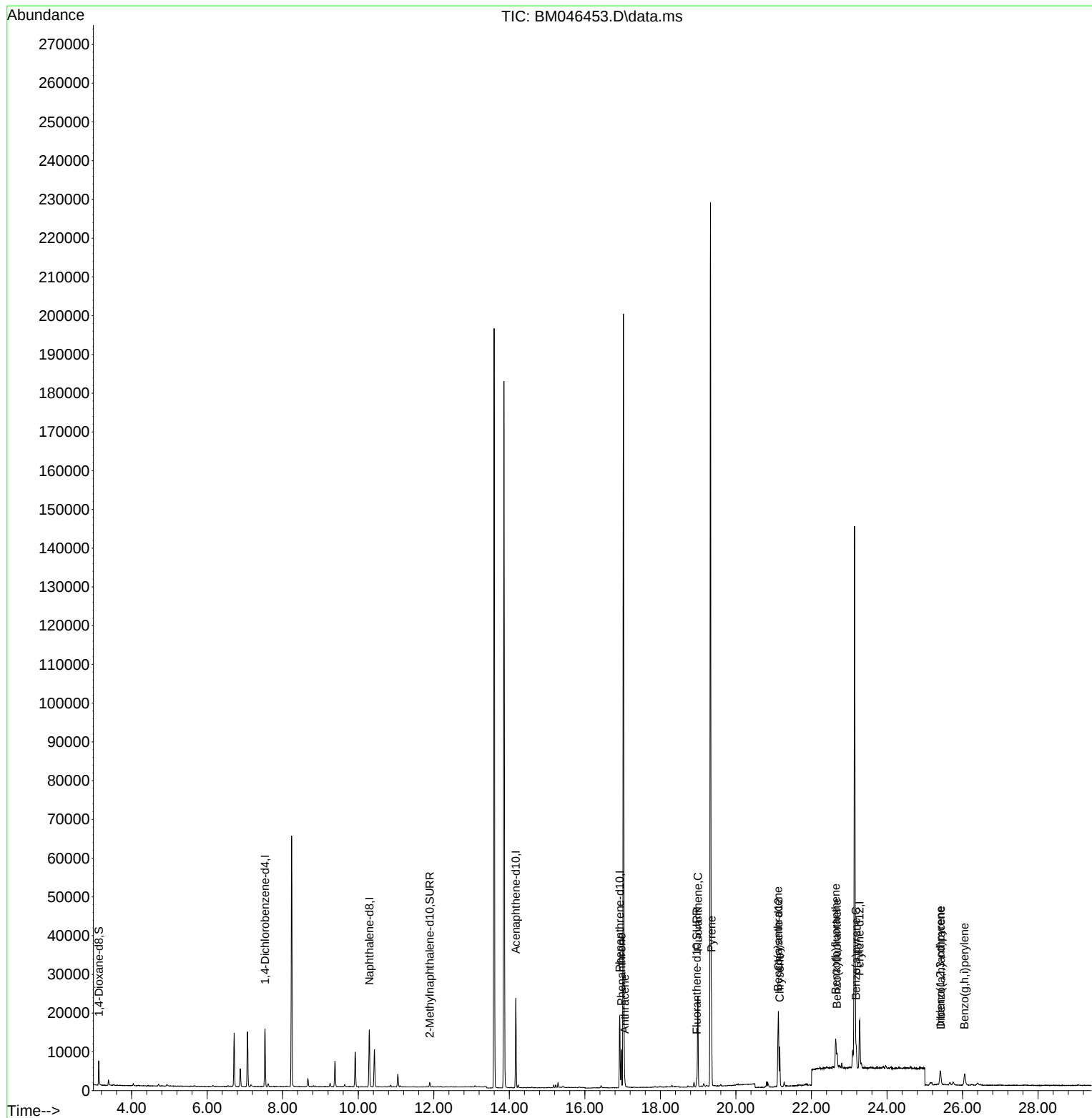
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046453.D
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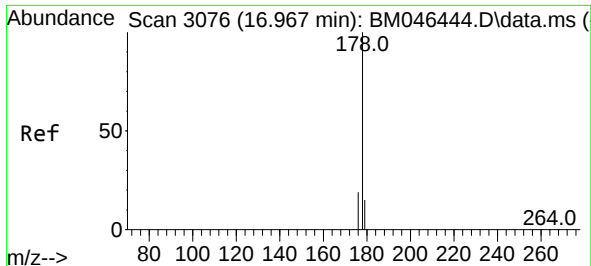
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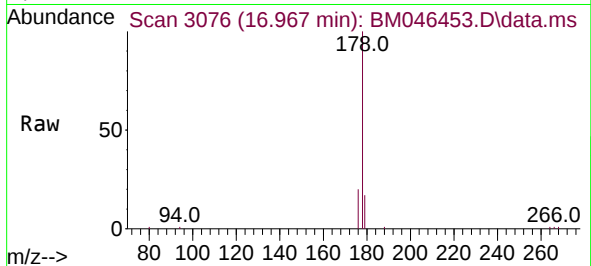
Quant Time: Jul 09 03:45:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#15
Phenanthrene
Concen: 0.146 ng/ul
RT: 16.967 min Scan# 3076
Delta R.T. -0.008 min
Lab File: BM046453.D
Acq: 09 Jul 2024 01:34

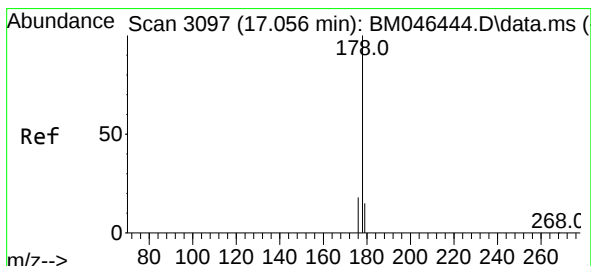
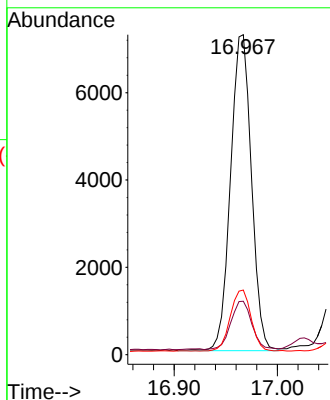
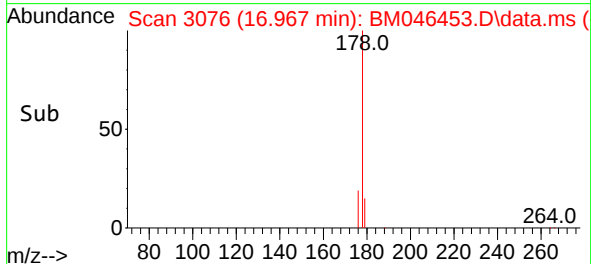
Instrument :
BNA_M
ClientSampleId :
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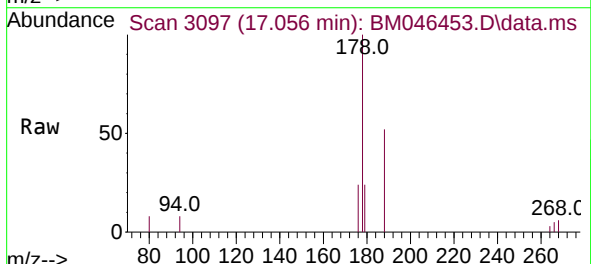
Tgt Ion:178 Resp: 10154
Ion Ratio Lower Upper
178 100
179 16.7 12.7 19.1
176 20.2 16.0 24.0

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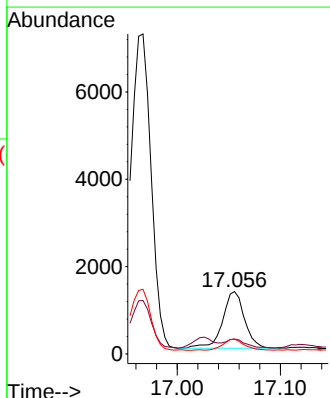
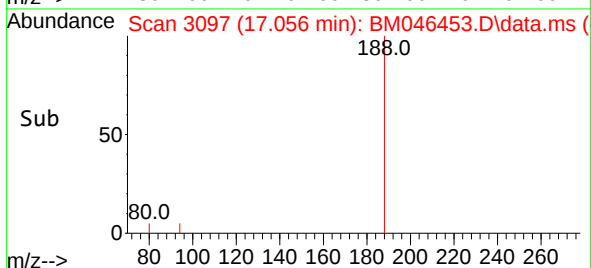
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

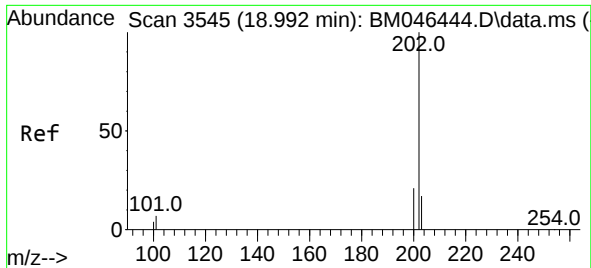


#16
Anthracene
Concen: 0.028 ng/ul
RT: 17.056 min Scan# 3097
Delta R.T. -0.012 min
Lab File: BM046453.D
Acq: 09 Jul 2024 01:34



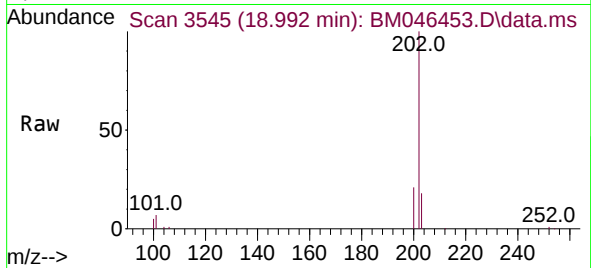
Tgt Ion:178 Resp: 1911
Ion Ratio Lower Upper
178 100
179 23.9 12.6 18.8#
176 23.7 14.9 22.3#





#19
Fluoranthene
Concen: 0.278 ng/ul
RT: 18.992 min Scan# 3545
Delta R.T. -0.014 min
Lab File: BM046453.D
Acq: 09 Jul 2024 01:34

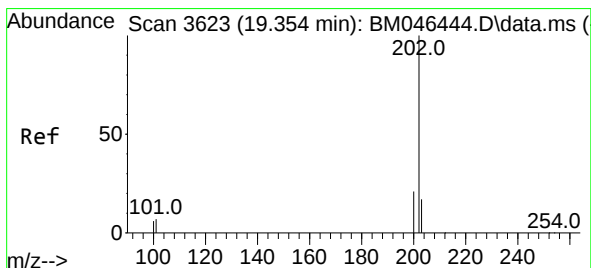
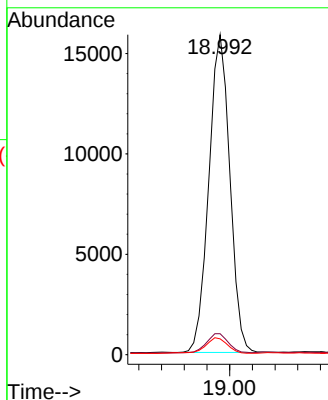
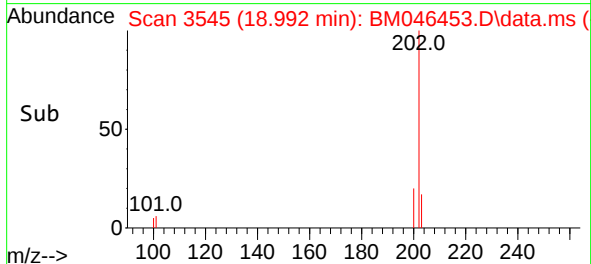
Instrument :
BNA_M
ClientSampleId :
A4BC5DL



Tgt Ion:202 Resp: 20290
Ion Ratio Lower Upper
202 100
101 6.6 6.3 9.5
100 5.0 5.0 7.6

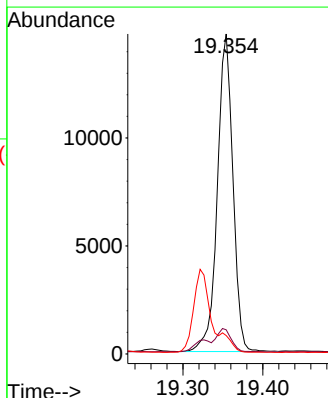
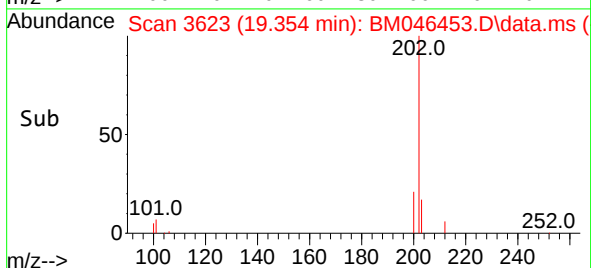
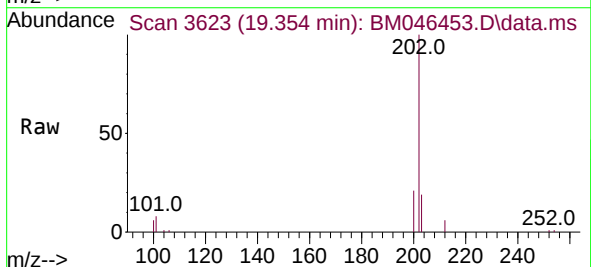
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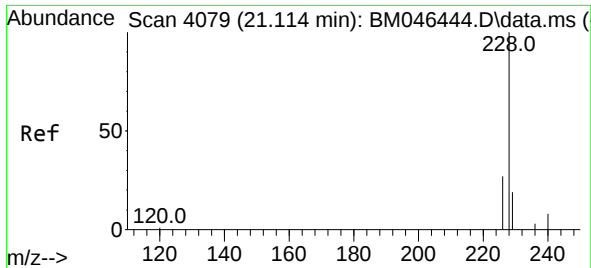
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#20
Pyrene
Concen: 0.265 ng/ul
RT: 19.354 min Scan# 3623
Delta R.T. -0.009 min
Lab File: BM046453.D
Acq: 09 Jul 2024 01:34

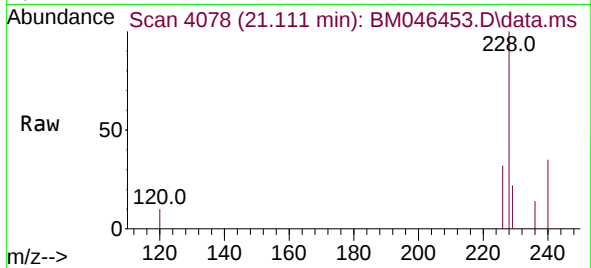
Tgt Ion:202 Resp: 19882
Ion Ratio Lower Upper
202 100
101 7.6 8.2 12.4#
100 5.7 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 0.126 ng/ul
RT: 21.111 min Scan# 4078
Delta R.T. -0.014 min
Lab File: BM046453.D
Acq: 09 Jul 2024 01:34

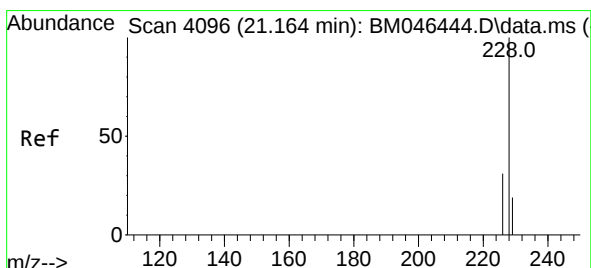
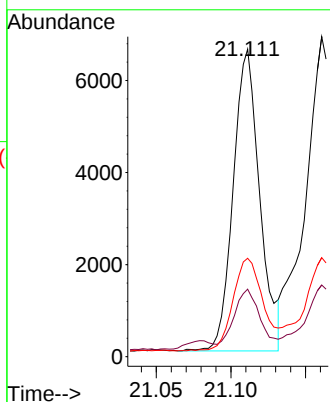
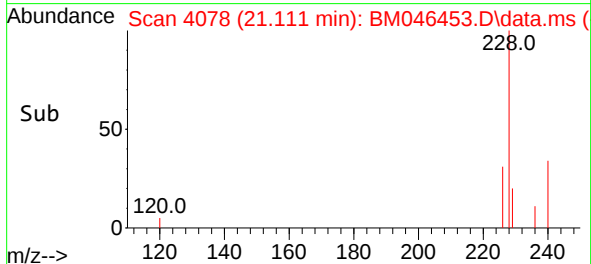
Instrument :
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ClientSampleId :
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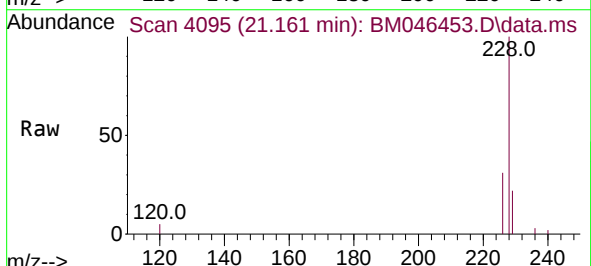
Tgt Ion:228 Resp: 8108
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 32.0 22.0 33.0

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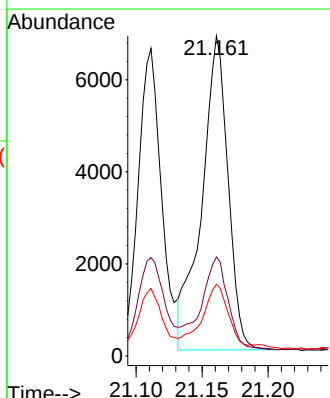
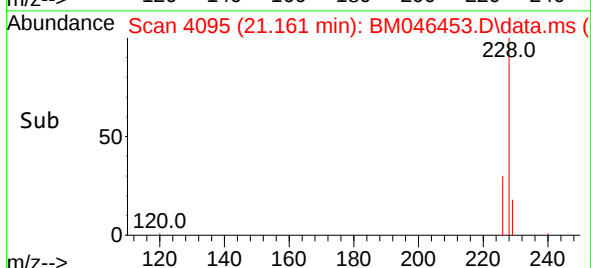
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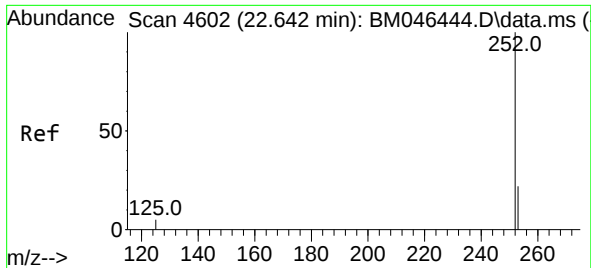


#22
Chrysene
Concen: 0.148 ng/ul
RT: 21.161 min Scan# 4095
Delta R.T. -0.017 min
Lab File: BM046453.D
Acq: 09 Jul 2024 01:34



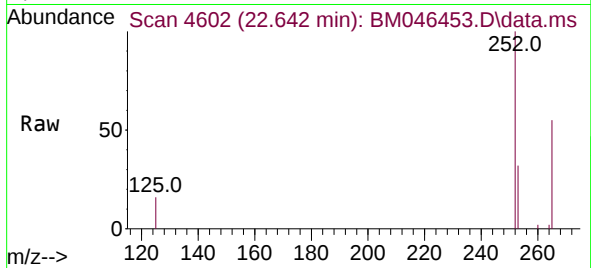
Tgt Ion:228 Resp: 9466
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.197 ng/ul m
RT: 22.642 min Scan# 4602
Delta R.T. -0.020 min
Lab File: BM046453.D
Acq: 09 Jul 2024 01:34

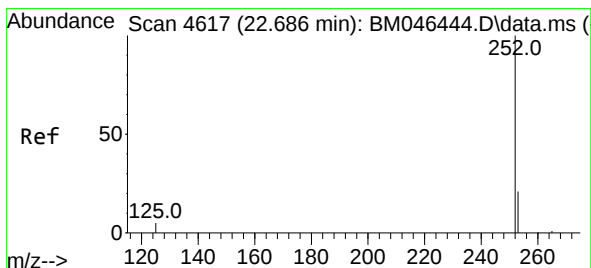
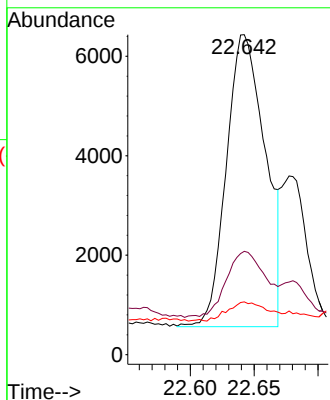
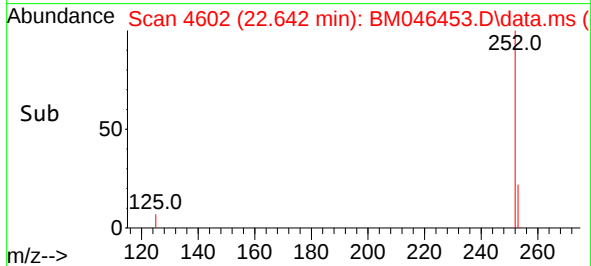
Instrument :
BNA_M
ClientSampleId :
A4BC5DL



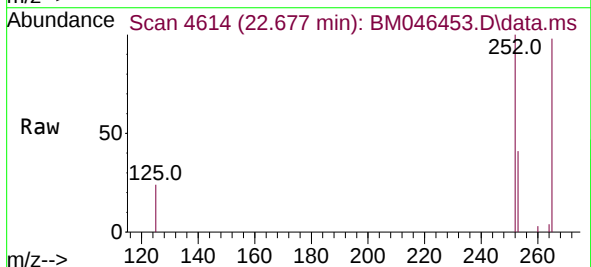
Tgt Ion:252 Resp: 1248
Ion Ratio Lower Upper
252 100
253 32.3 0.0 47.0
125 16.5 0.0 18.4

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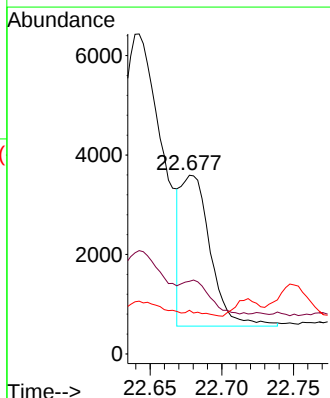
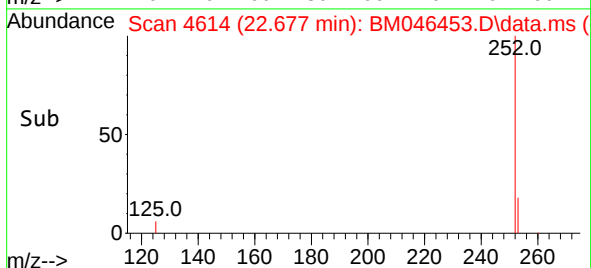
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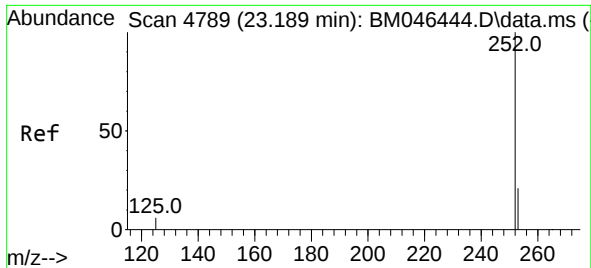


#25
Benzo(k)fluoranthene
Concen: 0.068 ng/ul m
RT: 22.677 min Scan# 4614
Delta R.T. -0.029 min
Lab File: BM046453.D
Acq: 09 Jul 2024 01:34



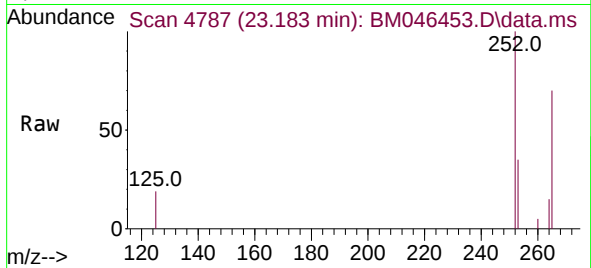
Tgt Ion:252 Resp: 4352
Ion Ratio Lower Upper
252 100
253 40.6 18.4 27.6#
125 24.4 7.5 11.3#





#26
Benzo(a)pyrene
Concen: 0.147 ng/ul
RT: 23.183 min Scan# 4787
Delta R.T. -0.026 min
Lab File: BM046453.D
Acq: 09 Jul 2024 01:34

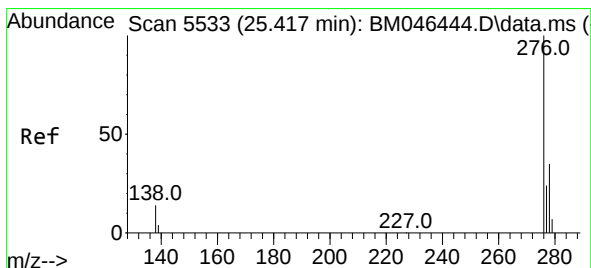
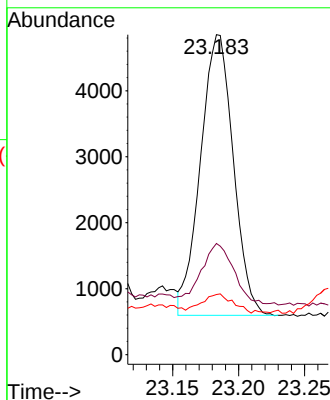
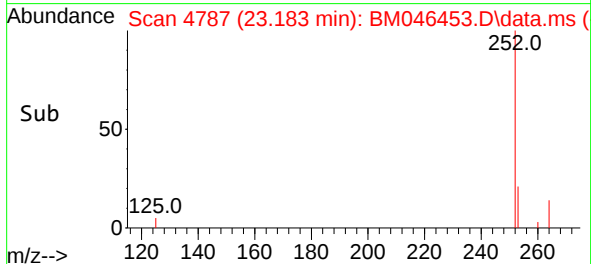
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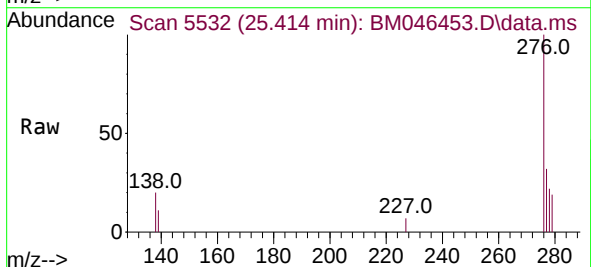
Tgt Ion:252 Resp: 7369
Ion Ratio Lower Upper
252 100
253 34.7 18.9 28.3#
125 18.8 8.1 12.1#

Manual Integrations
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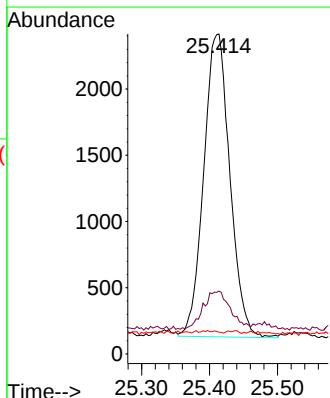
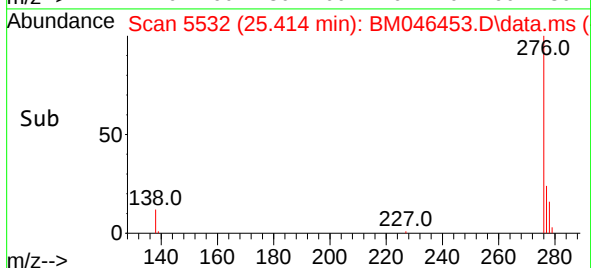
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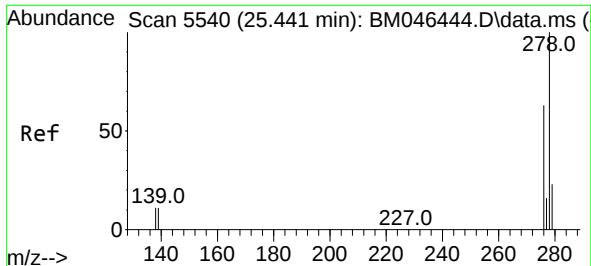


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng/ul
RT: 25.414 min Scan# 5532
Delta R.T. -0.033 min
Lab File: BM046453.D
Acq: 09 Jul 2024 01:34



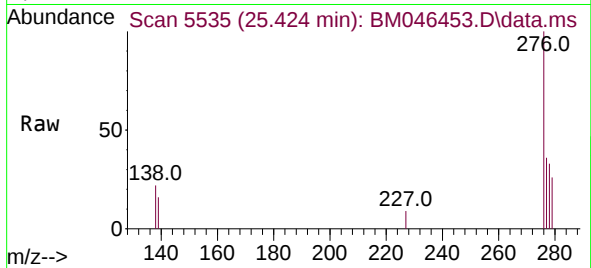
Tgt Ion:276 Resp: 6113
Ion Ratio Lower Upper
276 100
138 12.9 15.7 23.5#
227 0.5 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 25.424 min Scan# 51
Delta R.T. -0.050 min
Lab File: BM046453.D
Acq: 09 Jul 2024 01:34

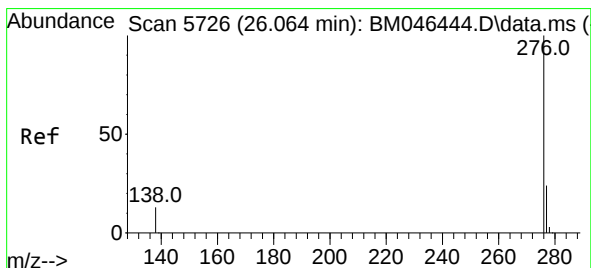
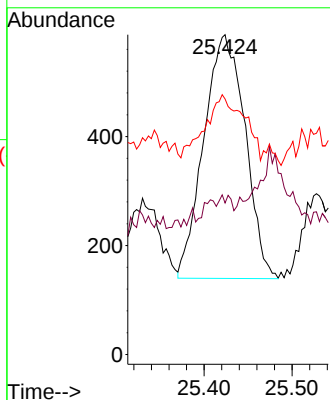
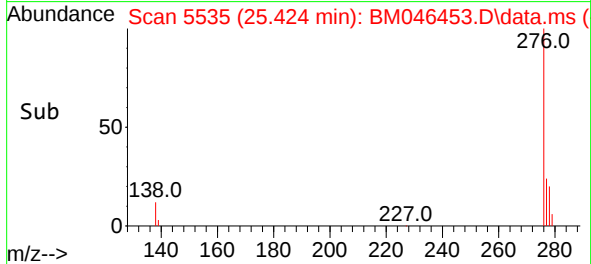
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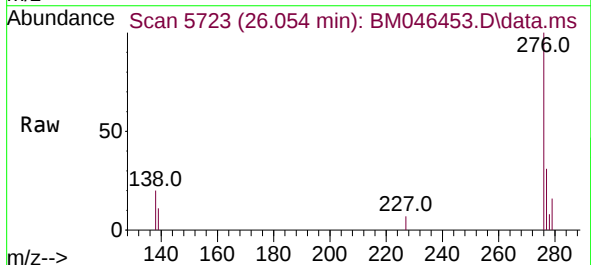
Tgt Ion:278 Resp: 1460
Ion Ratio Lower Upper
278 100
139 47.4 12.6 18.8
279 79.9 20.7 31.1

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#29
Benzo(g,h,i)perylene
Concen: 0.115 ng/ul
RT: 26.054 min Scan# 5723
Delta R.T. -0.037 min
Lab File: BM046453.D
Acq: 09 Jul 2024 01:34



Tgt Ion:276 Resp: 6174
Ion Ratio Lower Upper
276 100
138 19.5 15.4 23.0
277 31.3 19.7 29.5

