

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046456.D
 Acq On : 09 Jul 2024 03:24
 Operator : MA/JU
 Sample : P2982-26DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CT9DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 09 03:57:51 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	6954	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	19166	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.174	164	12101	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.922	188	24037	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.123	240	13804	0.400	ng/ul	-0.02
23) Perylene-d12	23.274	264	13611	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.131	96	4091	0.570	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	1502	0.053	ng/ul	0.00
18) Fluoranthene-d10	18.961	212	2614	0.054	ng/ul	-0.01
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	11.965	142	744	0.022	ng/ul	96
10) Acenaphthylene	13.887	152	1974	0.032	ng/ul#	89
15) Phenanthrene	16.964	178	16071	0.223	ng/ul	99
16) Anthracene	17.053	178	3242	0.046	ng/ul#	93
19) Fluoranthene	18.989	202	31856	0.457	ng/ul#	96
20) Pyrene	19.351	202	28237	0.393	ng/ul#	93
21) Benzo(a)anthracene	21.108	228	11593	0.188	ng/ul	92
22) Chrysene	21.161	228	14222	0.232	ng/ul	96
24) Benzo(b)fluoranthene	22.639	252	18164m	0.314	ng/ul	
25) Benzo(k)fluoranthene	22.680	252	6581m	0.113	ng/ul	
26) Benzo(a)pyrene	23.180	252	10733	0.235	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.410	276	8933	0.145	ng/ul#	57
28) Dibenzo(a,h)anthracene	25.420	278	2093	0.044	ng/ul#	30
29) Benzo(g,h,i)perylene	26.058	276	9004	0.183	ng/ul	95

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

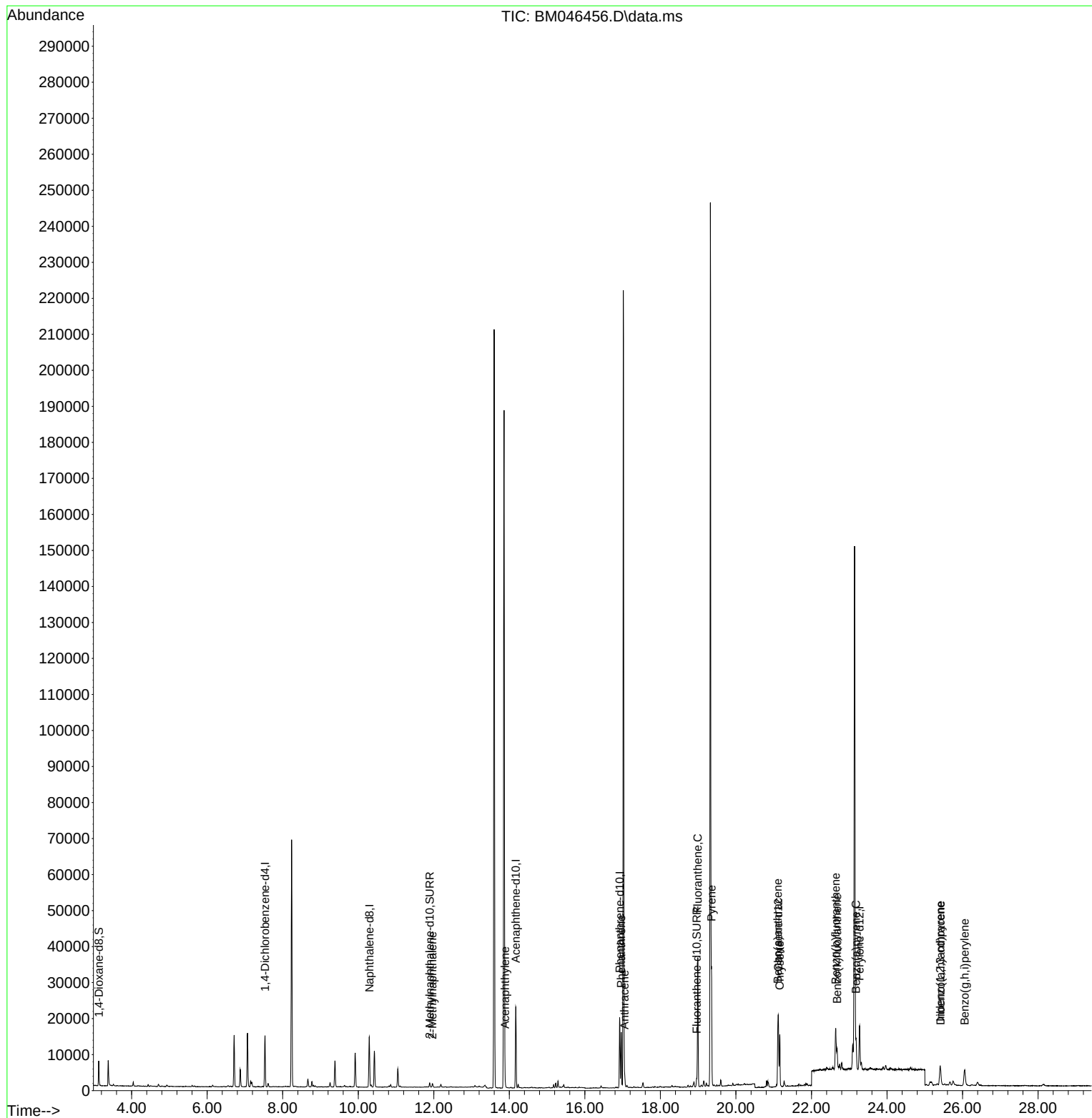
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046456.D
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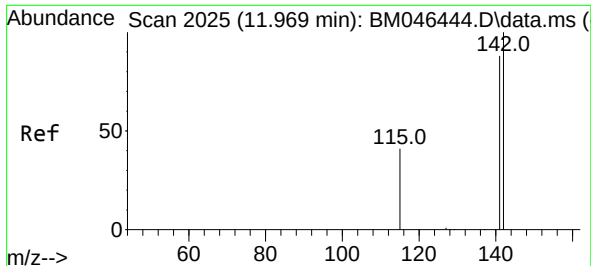
Instrument :
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Quant Time: Jul 09 03:57:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
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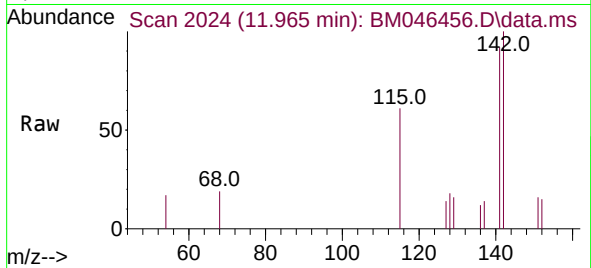
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024





#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 11.965 min Scan# 2024
Delta R.T. -0.015 min
Lab File: BM046456.D
Acq: 09 Jul 2024 03:24

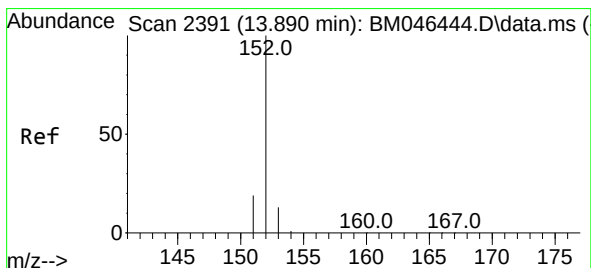
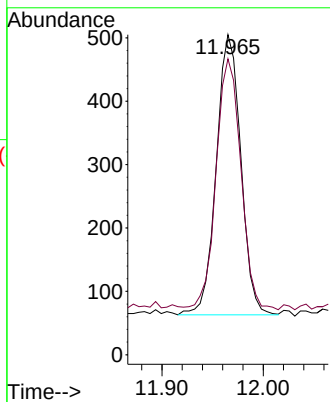
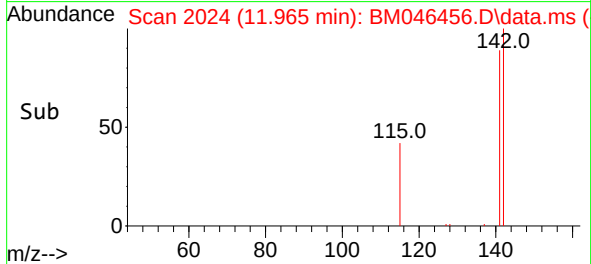
Instrument :
BNA_M
ClientSampleId :
A4CT9DL



Tgt Ion:142 Resp: 744
Ion Ratio Lower Upper
142 100
141 90.7 69.8 104.6

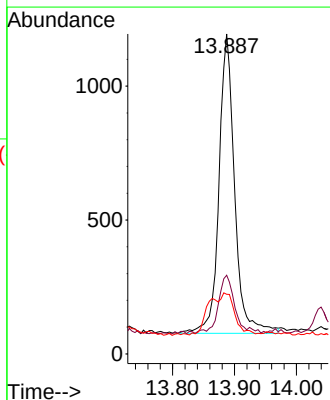
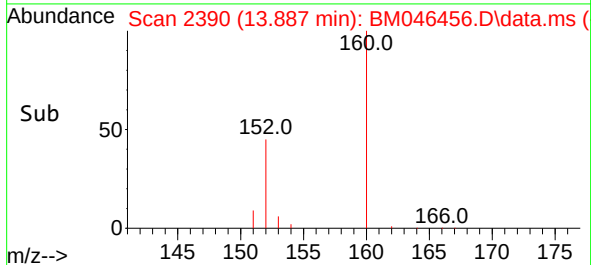
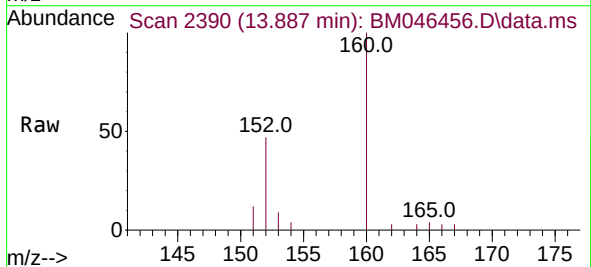
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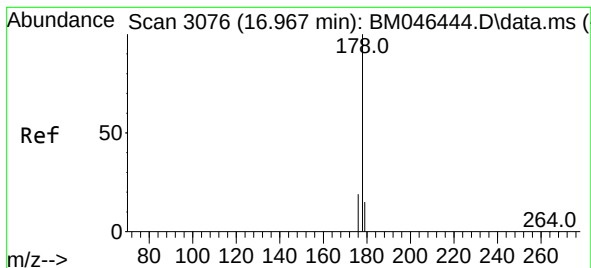
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 13.887 min Scan# 2390
Delta R.T. -0.012 min
Lab File: BM046456.D
Acq: 09 Jul 2024 03:24

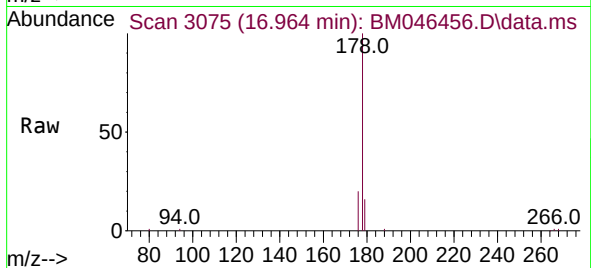
Tgt Ion:152 Resp: 1974
Ion Ratio Lower Upper
152 100
151 24.6 15.9 23.9#
153 18.7 11.0 16.6#





#15
Phenanthrene
Concen: 0.223 ng/u1
RT: 16.964 min Scan# 3076
Delta R.T. -0.011 min
Lab File: BM046456.D
Acq: 09 Jul 2024 03:24

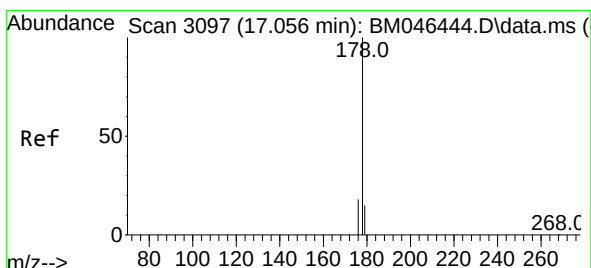
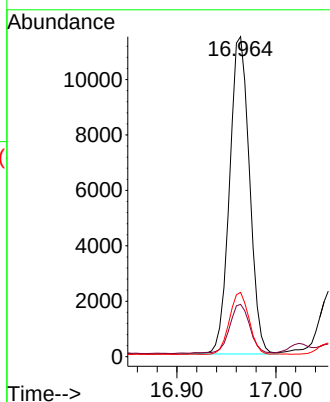
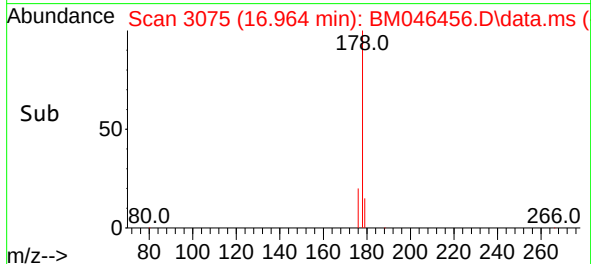
Instrument :
BNA_M
ClientSampleId :
A4CT9DL



Tgt Ion:178 Resp: 1607
Ion Ratio Lower Upper
178 100
179 16.3 12.7 19.1
176 20.1 16.0 24.0

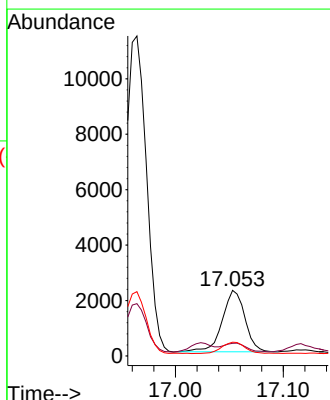
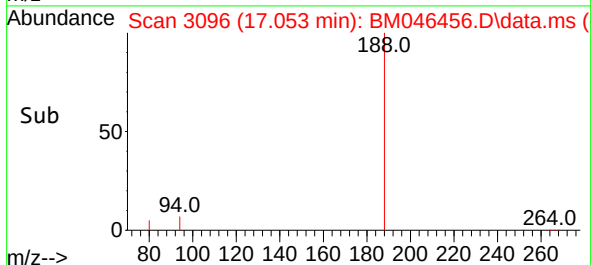
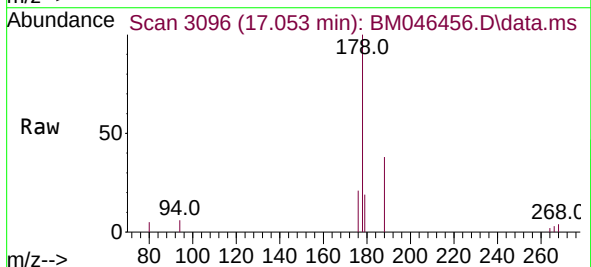
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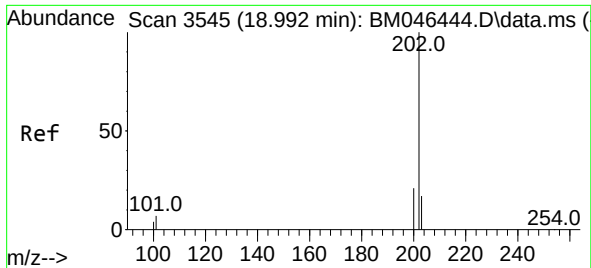
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#16
Anthracene
Concen: 0.046 ng/u1
RT: 17.053 min Scan# 3096
Delta R.T. -0.015 min
Lab File: BM046456.D
Acq: 09 Jul 2024 03:24

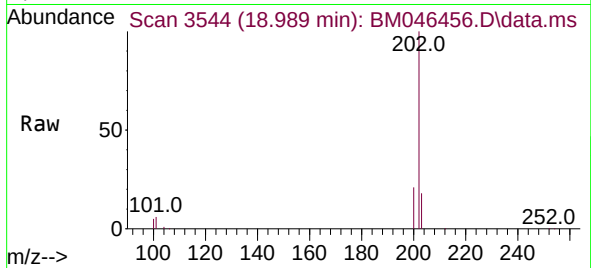
Tgt Ion:178 Resp: 3242
Ion Ratio Lower Upper
178 100
179 19.3 12.6 18.8#
176 21.0 14.9 22.3





#19
Fluoranthene
Concen: 0.457 ng/u1
RT: 18.989 min Scan# 3185
Delta R.T. -0.017 min
Lab File: BM046456.D
Acq: 09 Jul 2024 03:24

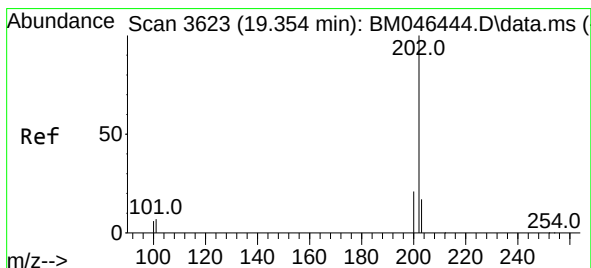
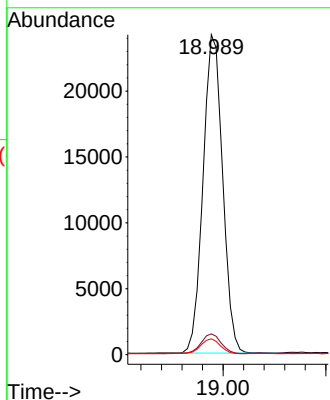
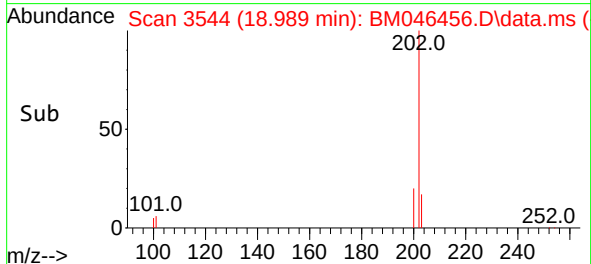
Instrument :
BNA_M
ClientSampleId :
A4CT9DL



Tgt Ion:202 Resp: 3185
Ion Ratio Lower Upper
202 100
101 6.5 6.3 9.5
100 5.0 5.0 7.6

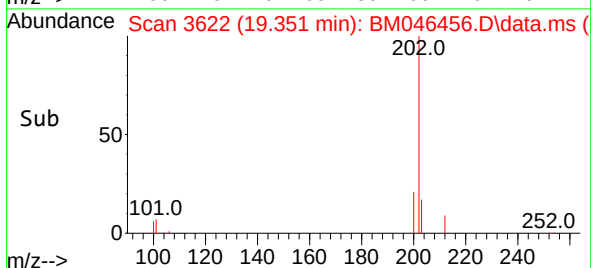
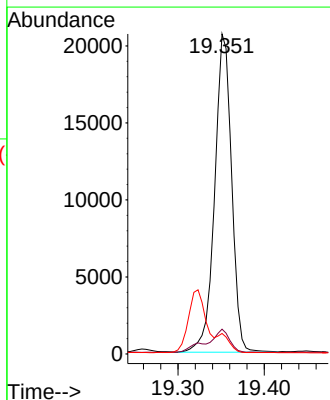
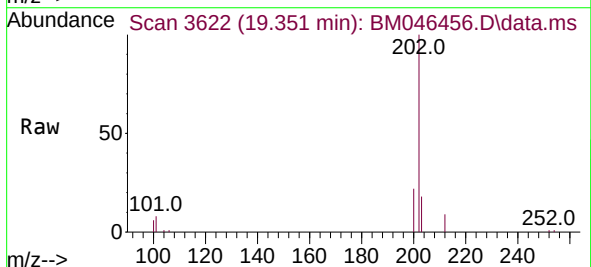
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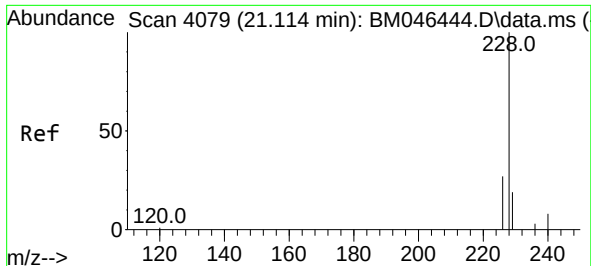
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#20
Pyrene
Concen: 0.393 ng/u1
RT: 19.351 min Scan# 3622
Delta R.T. -0.012 min
Lab File: BM046456.D
Acq: 09 Jul 2024 03:24

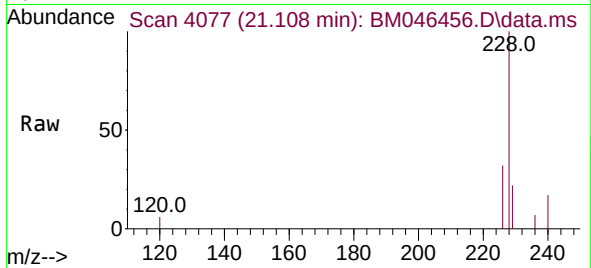
Tgt Ion:202 Resp: 28237
Ion Ratio Lower Upper
202 100
101 7.7 8.2 12.4#
100 6.4 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 0.188 ng/uI
RT: 21.108 min Scan# 4077
Delta R.T. -0.017 min
Lab File: BM046456.D
Acq: 09 Jul 2024 03:24

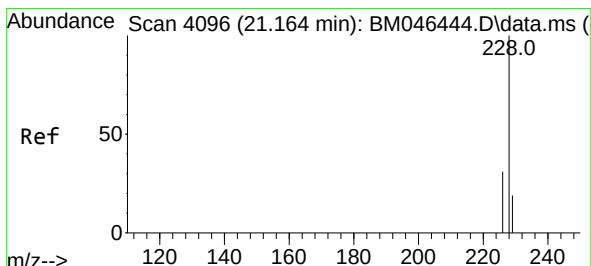
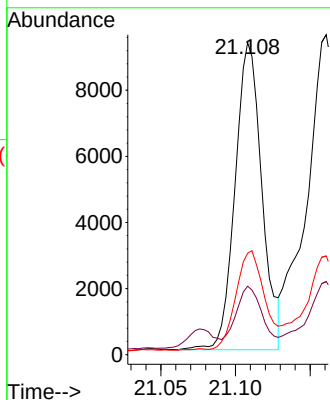
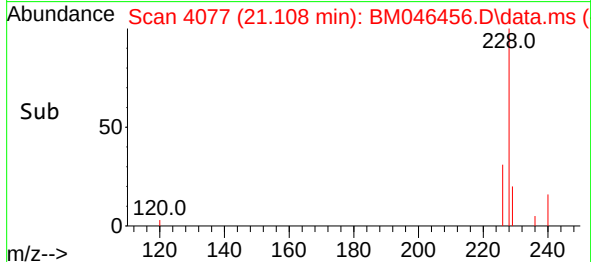
Instrument :
BNA_M
ClientSampleId :
A4CT9DL



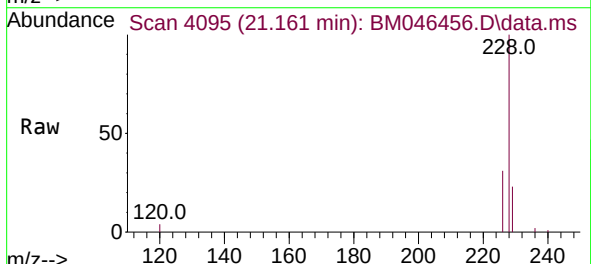
Tgt Ion:228 Resp: 1159
Ion Ratio Lower Upper
228 100
229 22.0 15.8 23.6
226 32.5 22.0 33.0

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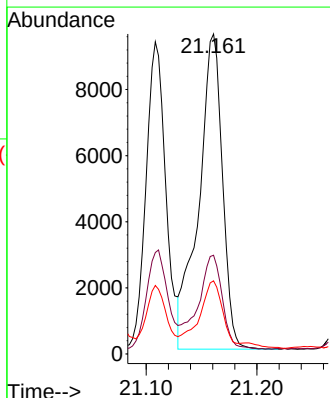
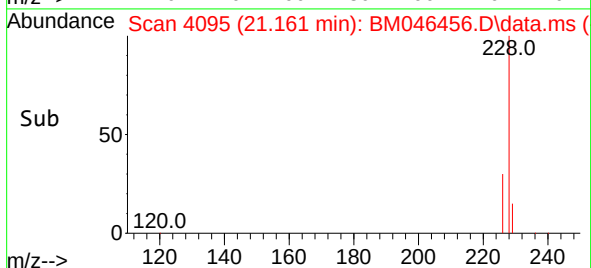
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

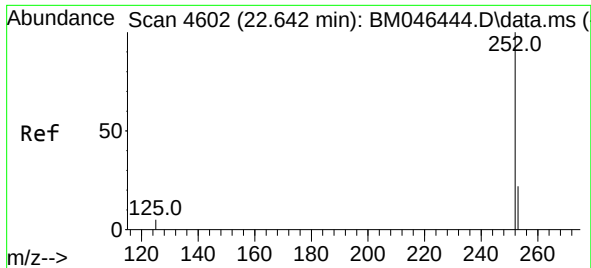


#22
Chrysene
Concen: 0.232 ng/uI
RT: 21.161 min Scan# 4095
Delta R.T. -0.017 min
Lab File: BM046456.D
Acq: 09 Jul 2024 03:24



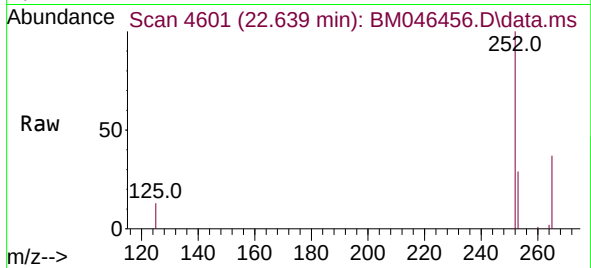
Tgt Ion:228 Resp: 14222
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 22.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.314 ng/ul m
RT: 22.639 min Scan# 4601
Delta R.T. -0.023 min
Lab File: BM046456.D
Acq: 09 Jul 2024 03:24

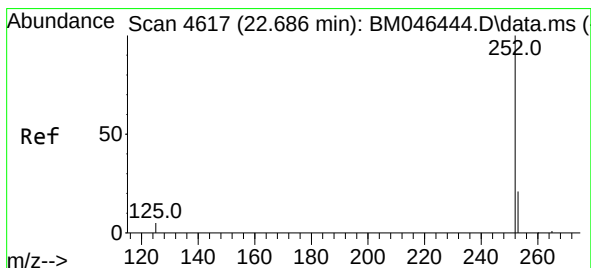
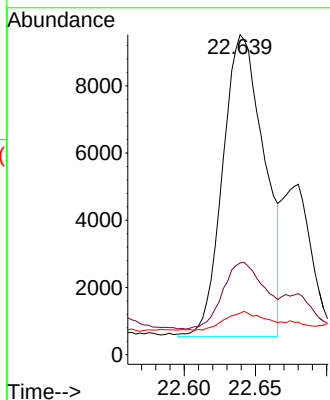
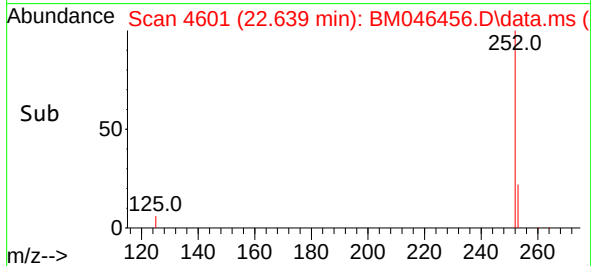
Instrument :
BNA_M
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A4CT9DL



Tgt Ion:252 Resp: 18164
Ion Ratio Lower Upper
252 100
253 28.7 0.0 47.0
125 13.0 0.0 18.4

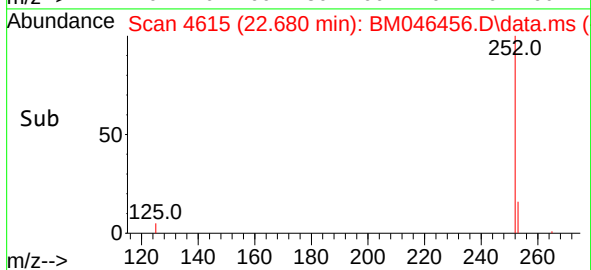
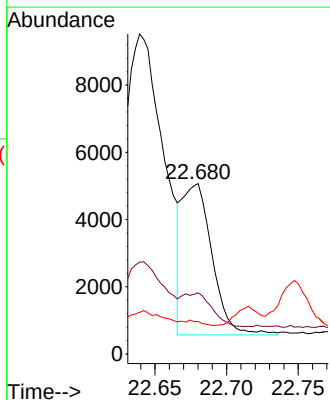
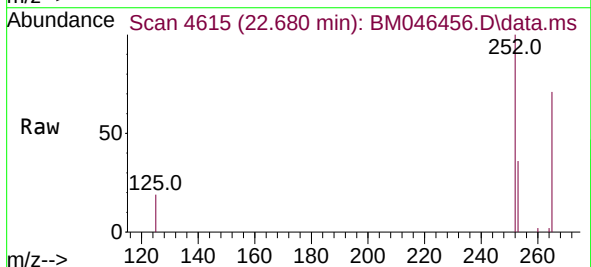
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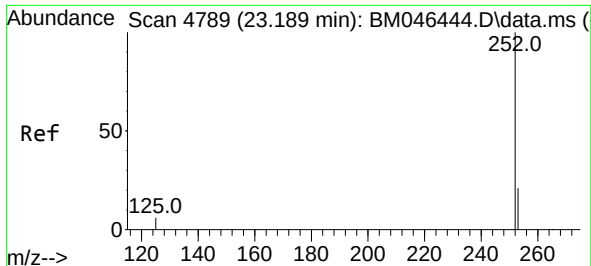
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#25
Benzo(k)fluoranthene
Concen: 0.113 ng/ul m
RT: 22.680 min Scan# 4615
Delta R.T. -0.026 min
Lab File: BM046456.D
Acq: 09 Jul 2024 03:24

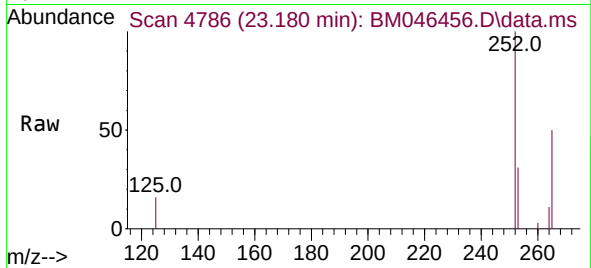
Tgt Ion:252 Resp: 6581
Ion Ratio Lower Upper
252 100
253 35.9 18.4 27.6#
125 19.1 7.5 11.3#





#26
Benzo(a)pyrene
Concen: 0.235 ng/ul
RT: 23.180 min Scan# 4786
Delta R.T. -0.029 min
Lab File: BM046456.D
Acq: 09 Jul 2024 03:24

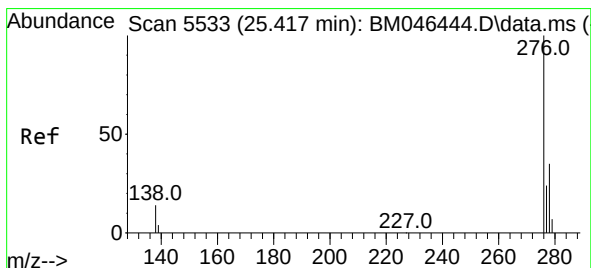
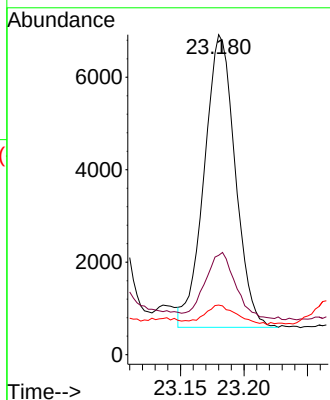
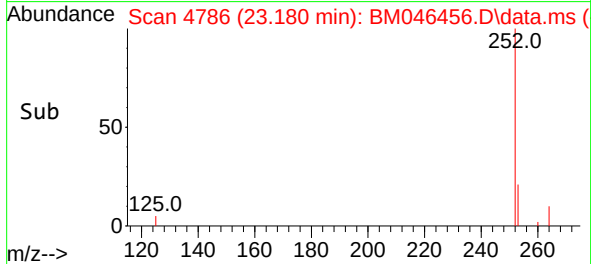
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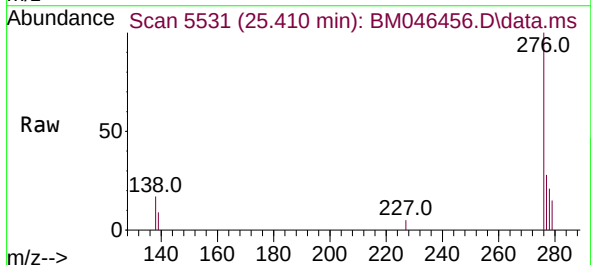
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Ion Ratio Lower Upper
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253 31.1 18.9 28.3
125 15.5 8.1 12.1

Manual Integrations
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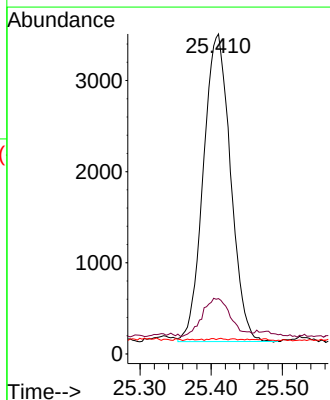
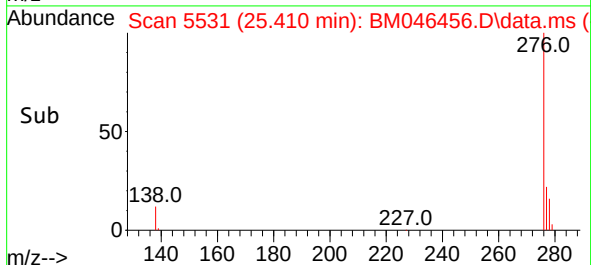
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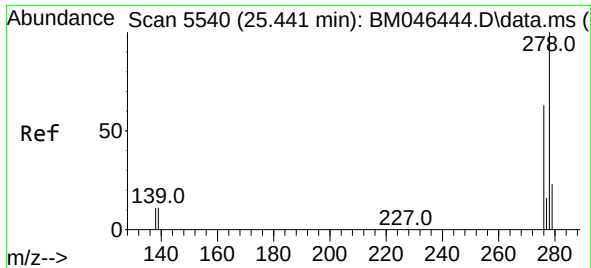


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.145 ng/ul
RT: 25.410 min Scan# 5531
Delta R.T. -0.037 min
Lab File: BM046456.D
Acq: 09 Jul 2024 03:24



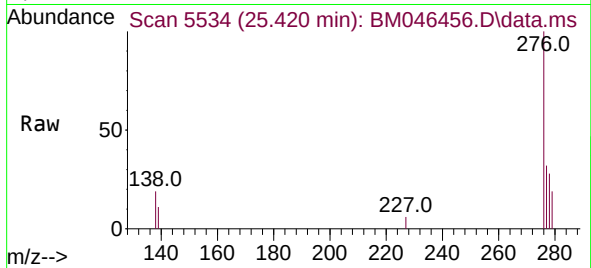
Tgt Ion:276 Resp: 8933
Ion Ratio Lower Upper
276 100
138 0.0 15.7 23.5
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 25.420 min Scan# 51
Delta R.T. -0.054 min
Lab File: BM046456.D
Acq: 09 Jul 2024 03:24

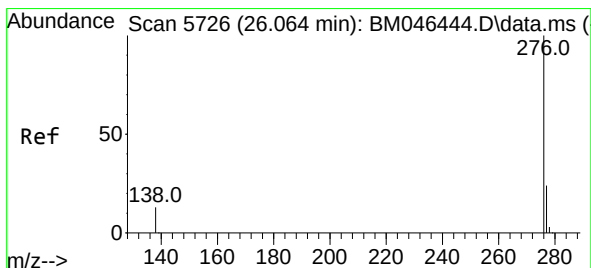
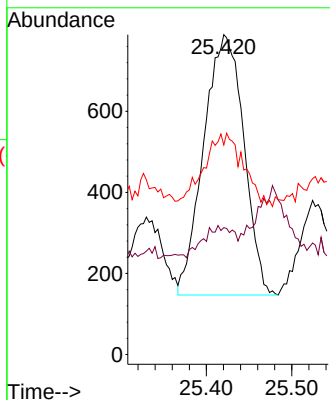
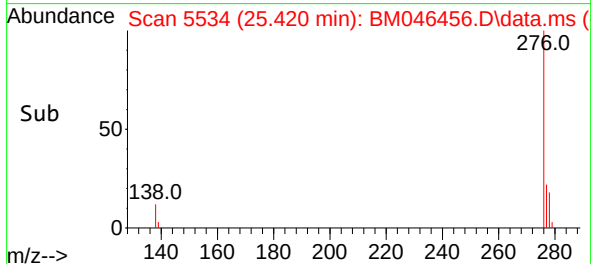
Instrument :
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Tgt Ion:278 Resp: 209
Ion Ratio Lower Upper
278 100
139 39.7 12.6 18.8
279 65.5 20.7 31.1

Manual Integrations
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Supervised By :mohammad ahmed 07/10/2024



#29
Benzo(g,h,i)perylene
Concen: 0.183 ng/ul
RT: 26.058 min Scan# 5724
Delta R.T. -0.033 min
Lab File: BM046456.D
Acq: 09 Jul 2024 03:24

Tgt Ion:276 Resp: 9004
Ion Ratio Lower Upper
276 100
138 17.8 15.4 23.0
277 28.0 19.7 29.5

