

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046451.D
 Acq On : 09 Jul 2024 00:21
 Operator : MA/JU
 Sample : P2982-13DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CG0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 01:19:39 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	6484	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	17947	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.174	164	11182	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.922	188	20895	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.125	240	12141	0.400	ng/ul	-0.02
23) Perylene-d12	23.276	264	12455	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	2764	0.413	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	1079	0.041	ng/ul	0.00
18) Fluoranthene-d10	18.960	212	1834	0.043	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.887	152	2562	0.045	ng/ul#	93
11) Acenaphthene	14.234	153	1161	0.031	ng/ul	98
12) Fluorene	15.228	166	1858	0.043	ng/ul#	93
15) Phenanthrene	16.964	178	30899	0.494	ng/ul	99
16) Anthracene	17.057	178	10746	0.177	ng/ul	98
19) Fluoranthene	18.993	202	60044	0.978	ng/ul#	94
20) Pyrene	19.355	202	54758	0.867	ng/ul#	91
21) Benzo(a)anthracene	21.111	228	25715	0.474	ng/ul	96
22) Chrysene	21.160	228	22940	0.425	ng/ul	97
24) Benzo(b)fluoranthene	22.642	252	27301m	0.516	ng/ul	
25) Benzo(k)fluoranthene	22.680	252	9265m	0.173	ng/ul	
26) Benzo(a)pyrene	23.183	252	19279	0.461	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.410	276	12577	0.222	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.423	278	3220	0.074	ng/ul#	48
29) Benzo(g,h,i)perylene	26.057	276	11960	0.265	ng/ul	94

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

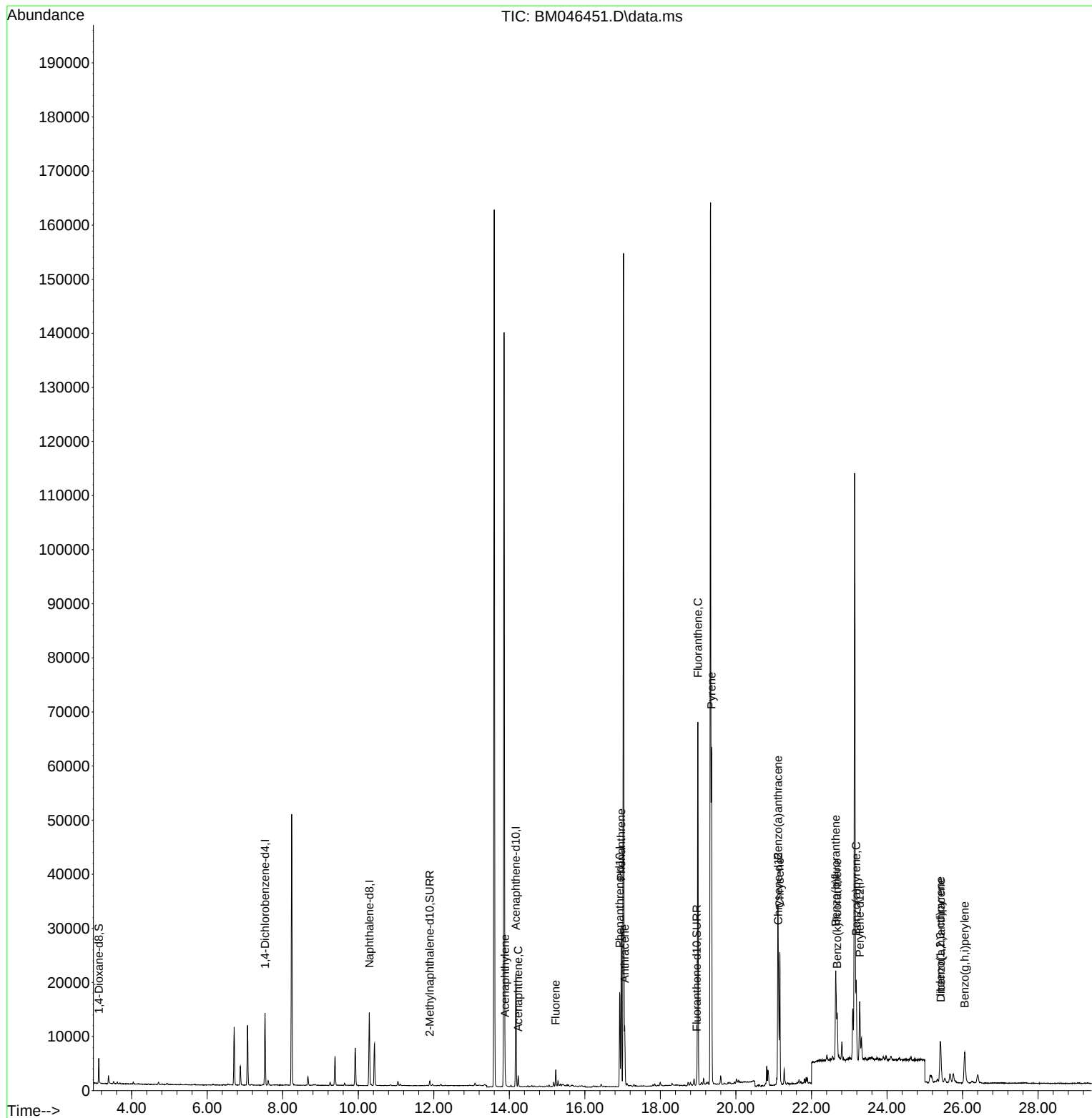
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046451.D
Acq On : 09 Jul 2024 00:21
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ALS Vial : 22 Sample Multiplier: 1

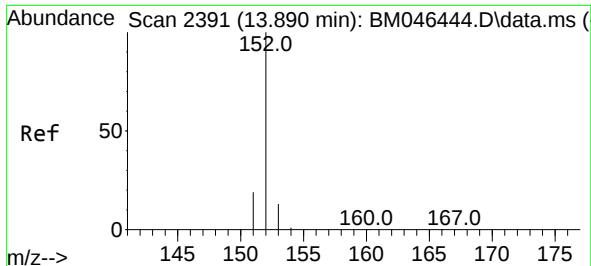
Instrument :
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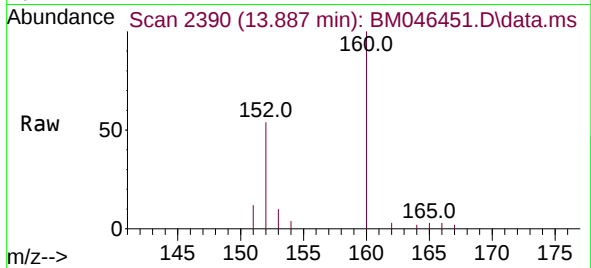
Quant Time: Jul 09 01:19:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.045 ng/ul
RT: 13.887 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM046451.D
Acq: 09 Jul 2024 00:21

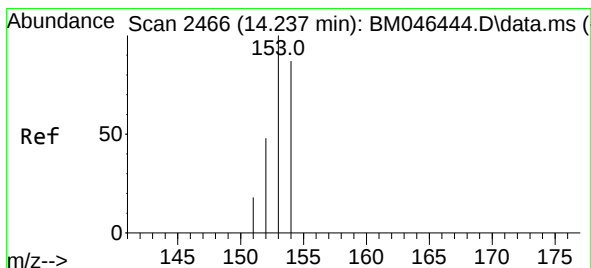
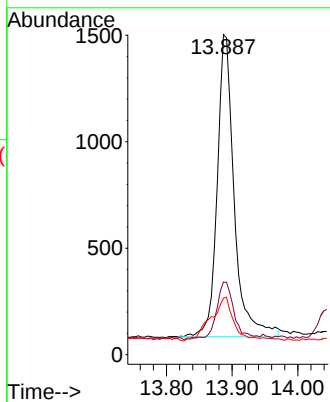
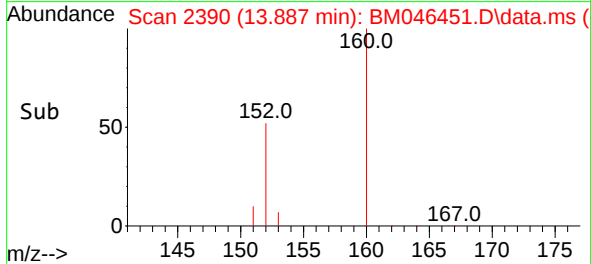
Instrument :
BNA_M
ClientSampleId :
A4CG0DL



Tgt Ion:152 Resp: 256
Ion Ratio Lower Upper
152 100
151 22.7 15.9 23.9
153 17.6 11.0 16.6

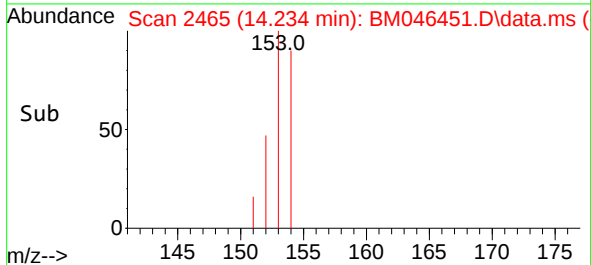
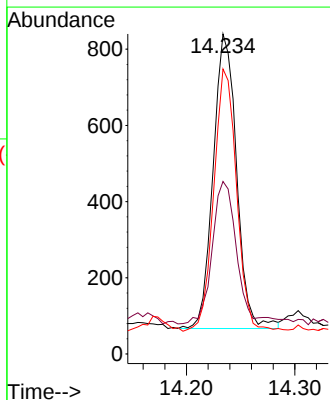
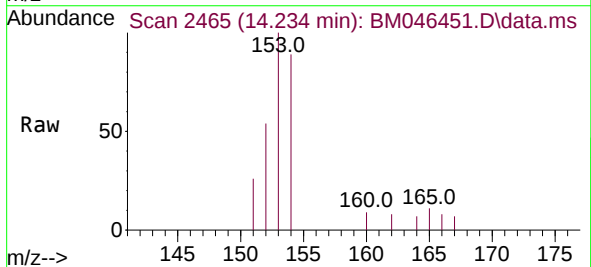
Manual Integrations
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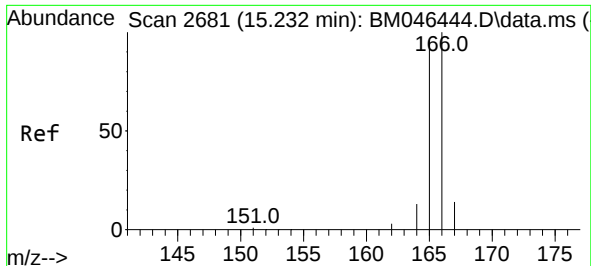
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.234 min Scan# 2465
Delta R.T. -0.012 min
Lab File: BM046451.D
Acq: 09 Jul 2024 00:21

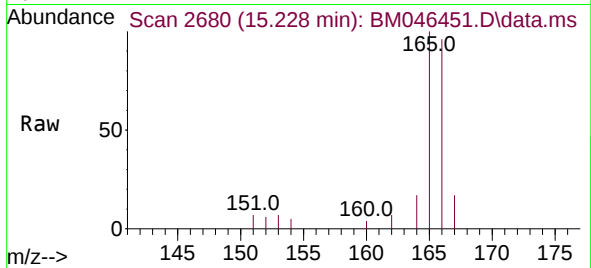
Tgt Ion:153 Resp: 1161
Ion Ratio Lower Upper
153 100
152 53.9 40.4 60.6
154 89.0 72.1 108.1





#12
Fluorene
Concen: 0.043 ng/ul
RT: 15.228 min Scan# 2680
Delta R.T. -0.012 min
Lab File: BM046451.D
Acq: 09 Jul 2024 00:21

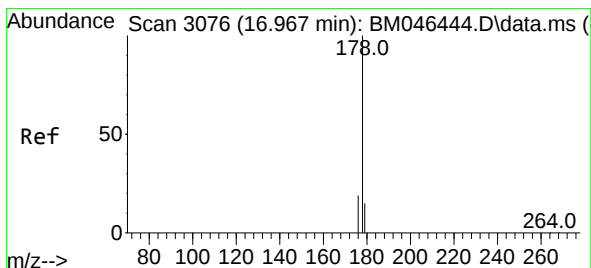
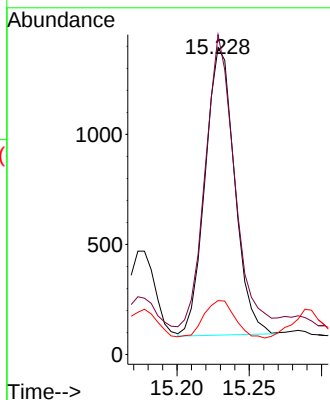
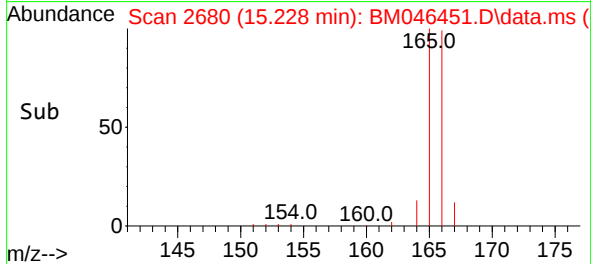
Instrument :
BNA_M
ClientSampleId :
A4CG0DL



Tgt Ion:166 Resp: 1858
Ion Ratio Lower Upper
166 100
165 104.2 78.0 117.0
167 17.6 11.4 17.0

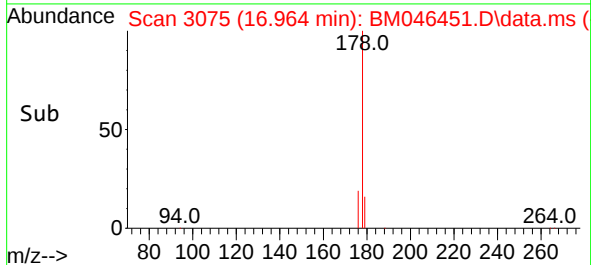
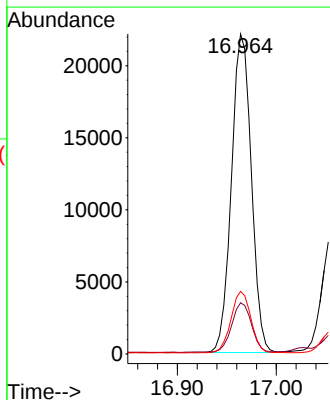
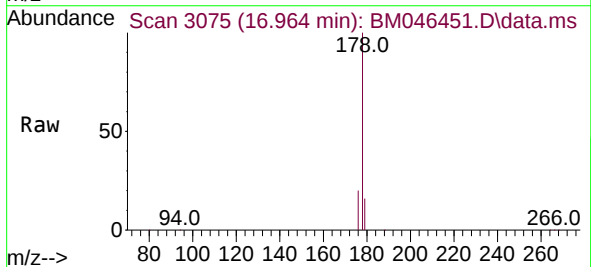
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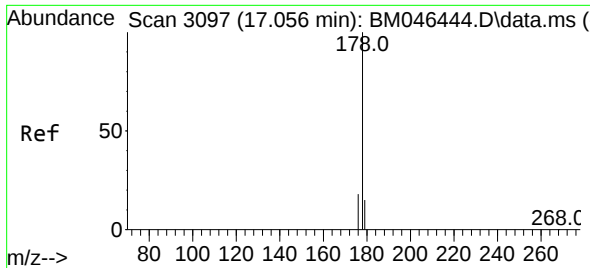
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#15
Phenanthrene
Concen: 0.494 ng/ul
RT: 16.964 min Scan# 3075
Delta R.T. -0.011 min
Lab File: BM046451.D
Acq: 09 Jul 2024 00:21

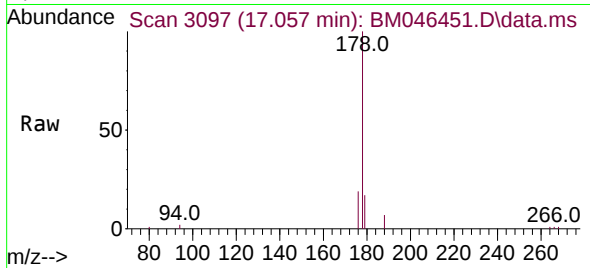
Tgt Ion:178 Resp: 30899
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.5 16.0 24.0





#16
Anthracene
Concen: 0.177 ng/ul
RT: 17.057 min Scan# 3097
Delta R.T. -0.011 min
Lab File: BM046451.D
Acq: 09 Jul 2024 00:21

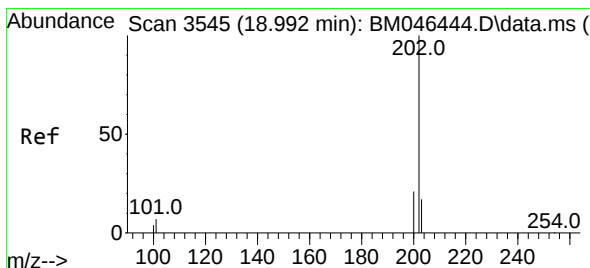
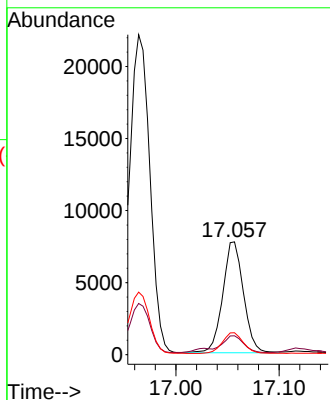
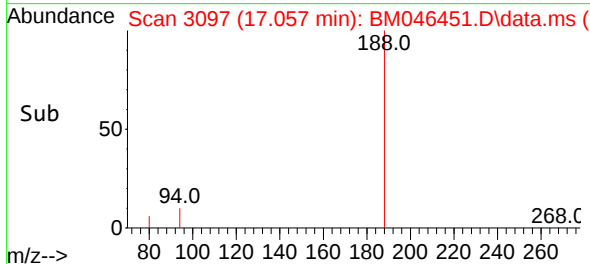
Instrument :
BNA_M
ClientSampleId :
A4CG0DL



Tgt Ion:178 Resp: 10740
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 19.4 14.9 22.3

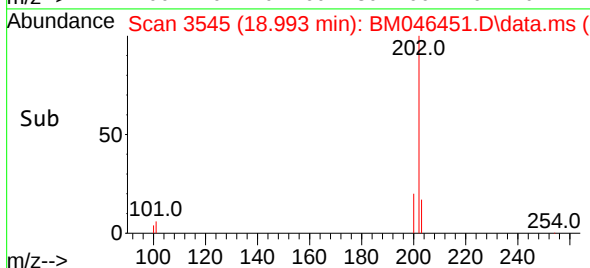
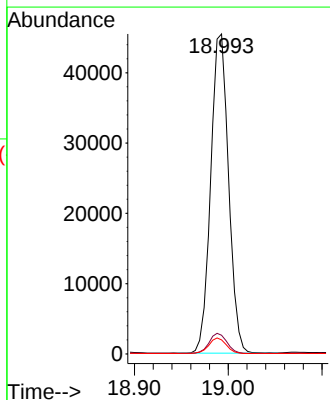
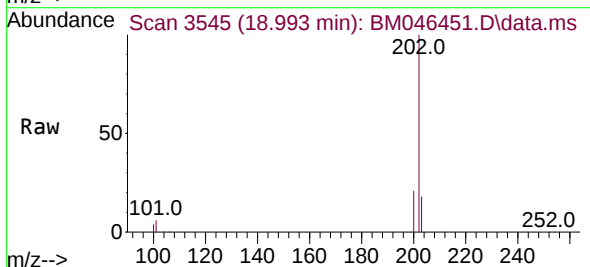
Manual Integrations
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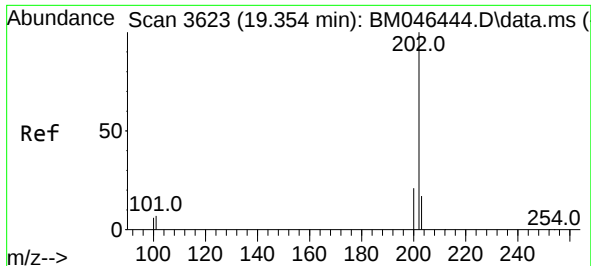
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#19
Fluoranthene
Concen: 0.978 ng/ul
RT: 18.993 min Scan# 3545
Delta R.T. -0.013 min
Lab File: BM046451.D
Acq: 09 Jul 2024 00:21

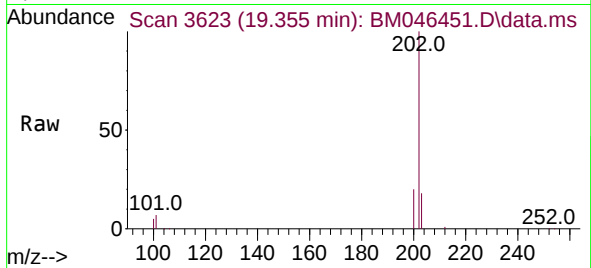
Tgt Ion:202 Resp: 60044
Ion Ratio Lower Upper
202 100
101 5.9 6.3 9.5#
100 4.4 5.0 7.6#





#20
Pyrene
Concen: 0.867 ng/ul
RT: 19.355 min Scan# 30
Delta R.T. -0.008 min
Lab File: BM046451.D
Acq: 09 Jul 2024 00:21

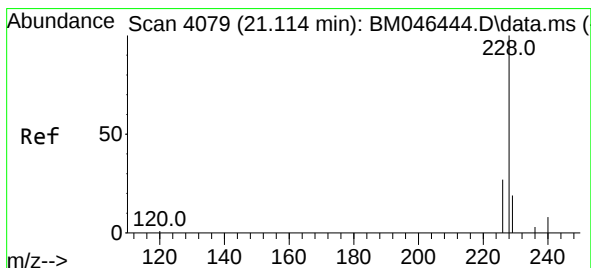
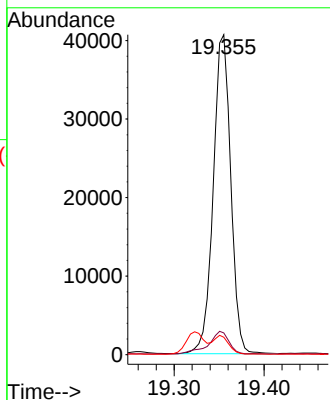
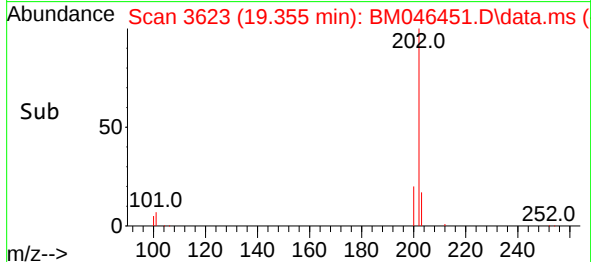
Instrument :
BNA_M
ClientSampleId :
A4CG0DL



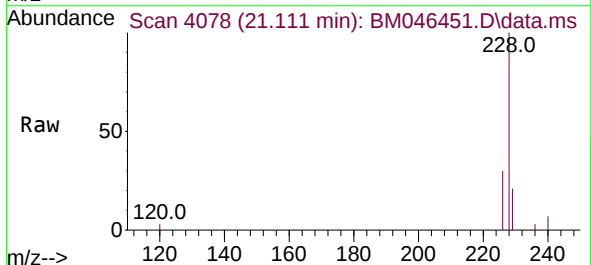
Tgt Ion:202 Resp: 5475
Ion Ratio Lower Upper
202 100
101 6.8 8.2 12.4
100 5.4 6.9 10.3

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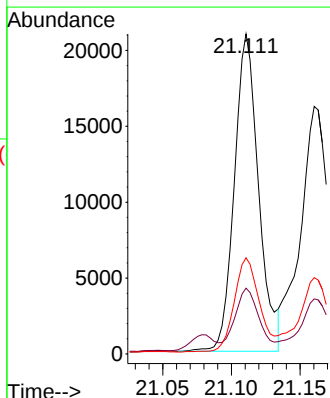
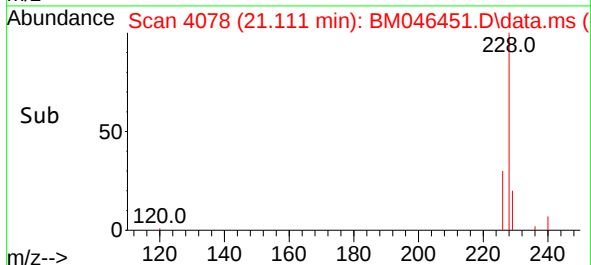
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

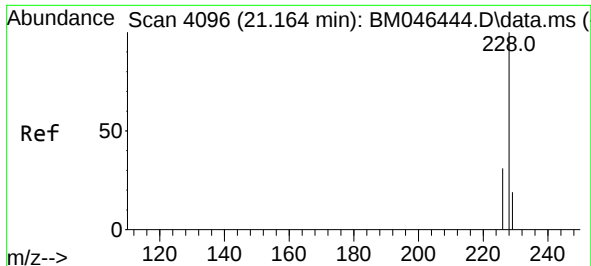


#21
Benzo(a)anthracene
Concen: 0.474 ng/ul
RT: 21.111 min Scan# 4078
Delta R.T. -0.015 min
Lab File: BM046451.D
Acq: 09 Jul 2024 00:21



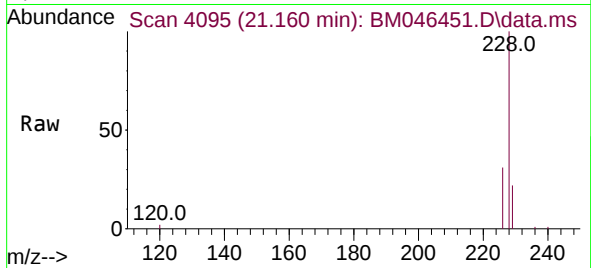
Tgt Ion:228 Resp: 25715
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 30.0 22.0 33.0





#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.160 min Scan# 4095
Delta R.T. -0.018 min
Lab File: BM046451.D
Acq: 09 Jul 2024 00:21

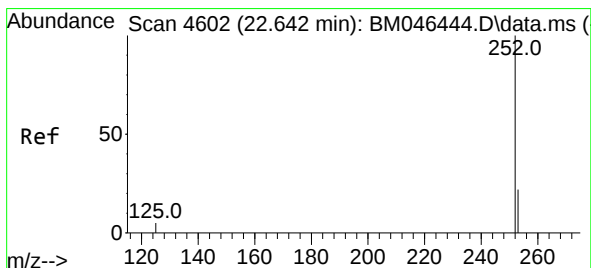
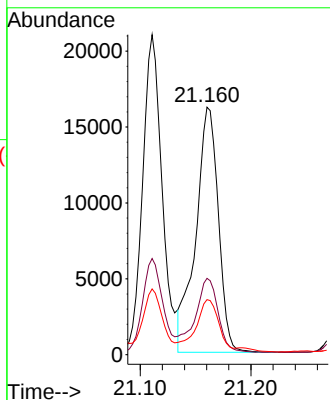
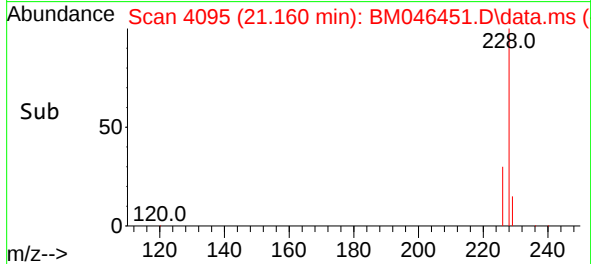
Instrument :
BNA_M
ClientSampleId :
A4CG0DL



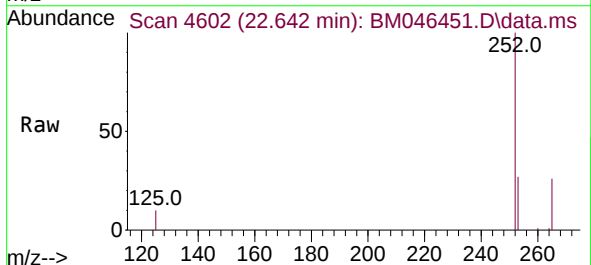
Tgt Ion:228 Resp: 22940
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 22.2 15.8 23.6

Manual Integrations
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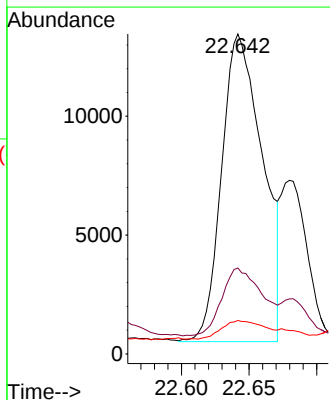
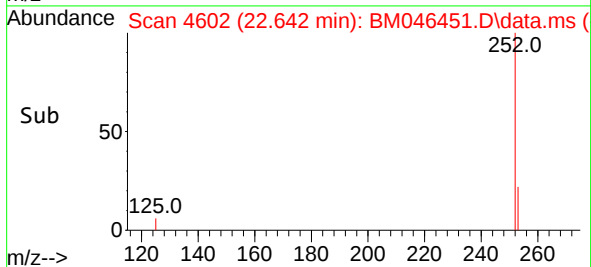
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

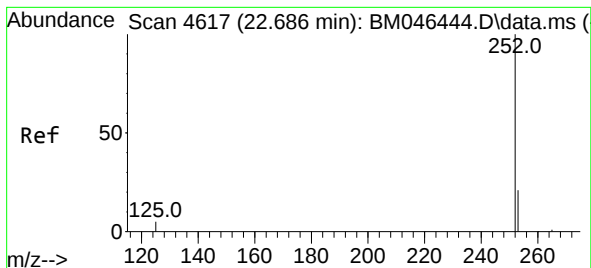


#24
Benzo(b)fluoranthene
Concen: 0.516 ng/ul m
RT: 22.642 min Scan# 4602
Delta R.T. -0.021 min
Lab File: BM046451.D
Acq: 09 Jul 2024 00:21



Tgt Ion:252 Resp: 27301
Ion Ratio Lower Upper
252 100
253 26.9 0.0 47.0
125 10.4 0.0 18.4





#25

Benzo(k)fluoranthene

Concen: 0.173 ng/ul m

RT: 22.680 min Scan# 4

Delta R.T. -0.027 min

Lab File: BM046451.D

Acq: 09 Jul 2024 00:21

Instrument :

BNM_M

ClientSampleId :

A4CG0DL

Tgt Ion:252 Resp: 926

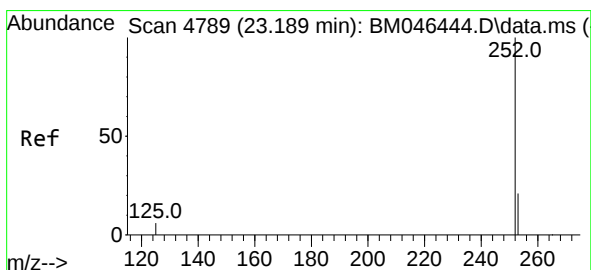
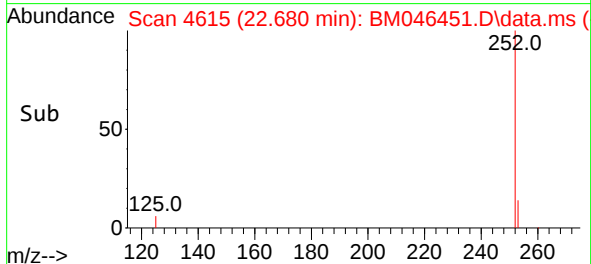
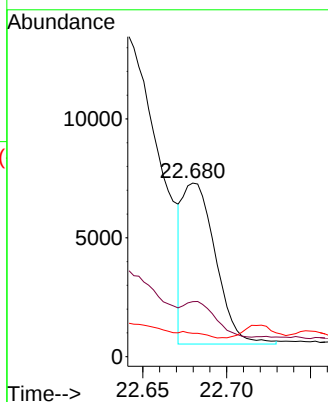
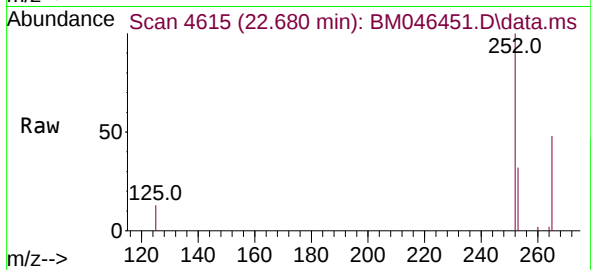
Ion	Ratio	Lower	Upper
252	100		
253	31.7	18.4	27.6
125	13.4	7.5	11.3

Manual Integrations

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Supervised By :mohammad ahmed 07/10/2024



#26

Benzo(a)pyrene

Concen: 0.461 ng/ul

RT: 23.183 min Scan# 4787

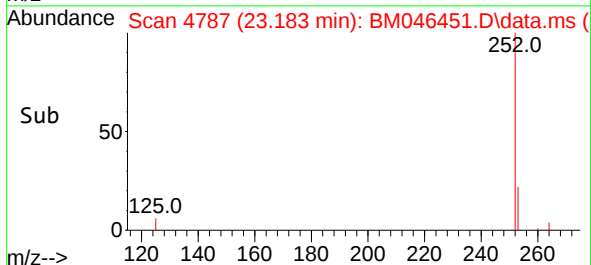
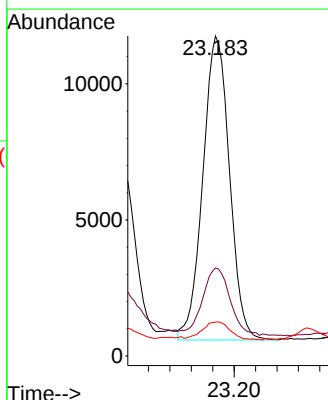
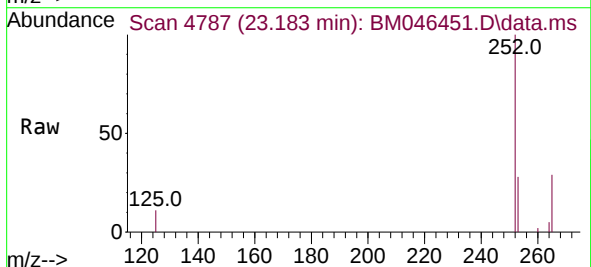
Delta R.T. -0.027 min

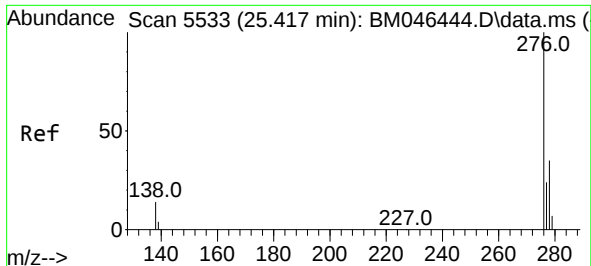
Lab File: BM046451.D

Acq: 09 Jul 2024 00:21

Tgt Ion:252 Resp: 19279

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.9	28.3
125	10.5	8.1	12.1





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.222 ng/ul

RT: 25.410 min Scan# 5531

Delta R.T. -0.037 min

Lab File: BM046451.D

Acq: 09 Jul 2024 00:21

Instrument :

BNA_M

ClientSampleId :

A4CG0DL

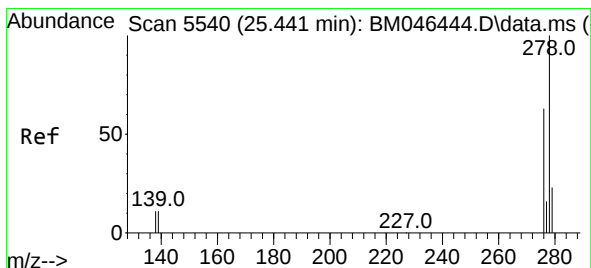
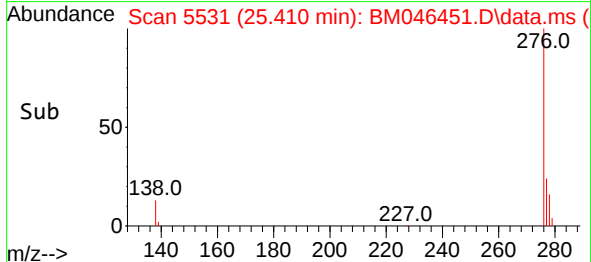
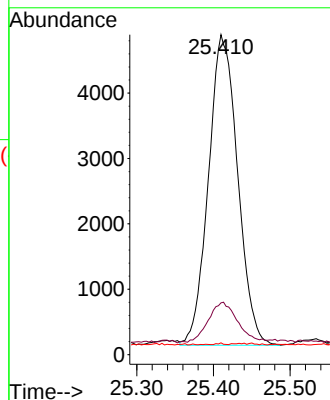
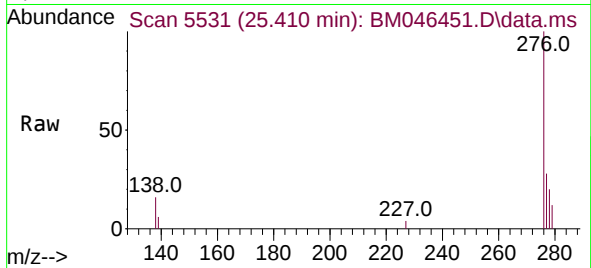
Tgt Ion:	276	Resp:	1257
Ion Ratio	Lower	Upper	
276	100		
138	14.0	15.7	23.5
227	0.1	0.1	0.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.074 ng/ul

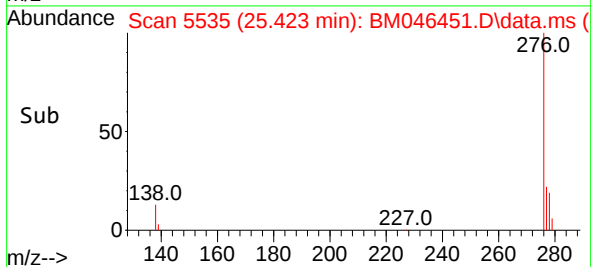
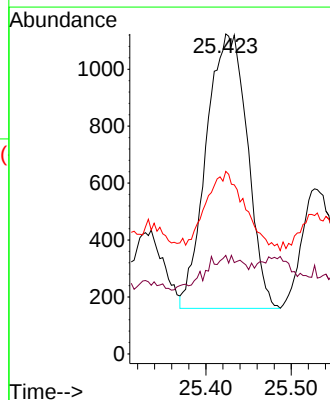
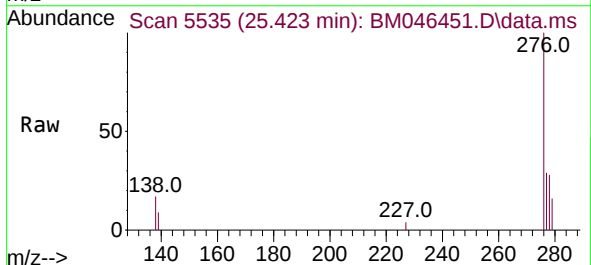
RT: 25.423 min Scan# 5535

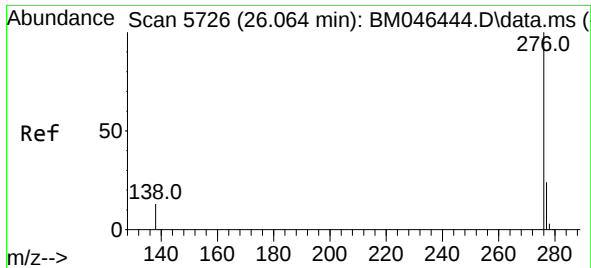
Delta R.T. -0.051 min

Lab File: BM046451.D

Acq: 09 Jul 2024 00:21

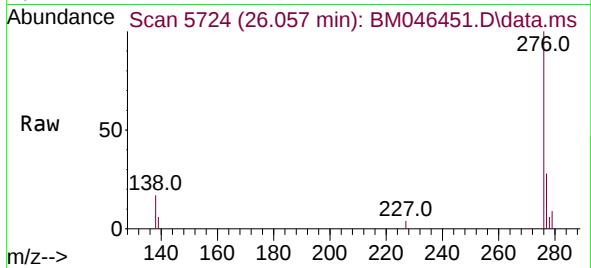
Tgt Ion:	278	Resp:	3220
Ion Ratio	Lower	Upper	
278	100		
139	30.8	12.6	18.8
279	57.0	20.7	31.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.265 ng/ul
 RT: 26.057 min Scan# 51
 Delta R.T. -0.034 min
 Lab File: BM046451.D
 Acq: 09 Jul 2024 00:21

Instrument :
 BNA_M
 ClientSampleId :
 A4CG0DL



Tgt Ion:	276	Resp:	11960
Ion	Ratio	Lower	Upper
276	100		
138	16.9	15.4	23.0
277	27.8	19.7	29.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

