

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046449.D
 Acq On : 08 Jul 2024 23:08
 Operator : MA/JU
 Sample : P2982-10DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CF6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 09 00:59:53 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	7649	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	21755	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.174	164	13574	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.926	188	25196	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.128	240	14024	0.400	ng/ul	-0.01
23) Perylene-d12	23.279	264	14238	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	4658	0.590	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	1938	0.060	ng/ul	0.00
18) Fluoranthene-d10	18.960	212	3480	0.071	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.891	152	3935	0.057	ng/ul#	93
11) Acenaphthene	14.234	153	978	0.022	ng/ul	97
12) Fluorene	15.233	166	1479	0.028	ng/ul#	97
15) Phenanthrene	16.964	178	28652	0.380	ng/ul	99
16) Anthracene	17.057	178	7534	0.103	ng/ul	95
19) Fluoranthene	18.993	202	63144	0.891	ng/ul#	95
20) Pyrene	19.355	202	55373	0.759	ng/ul#	92
21) Benzo(a)anthracene	21.114	228	26760	0.427	ng/ul	95
22) Chrysene	21.163	228	26762	0.430	ng/ul	97
24) Benzo(b)fluoranthene	22.642	252	30823m	0.509	ng/ul	
25) Benzo(k)fluoranthene	22.683	252	11278m	0.185	ng/ul	
26) Benzo(a)pyrene	23.185	252	15299	0.320	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.413	276	12292	0.190	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.427	278	3781	0.076	ng/ul#	49
29) Benzo(g,h,i)perylene	26.064	276	2551	0.049	ng/ul#	62

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

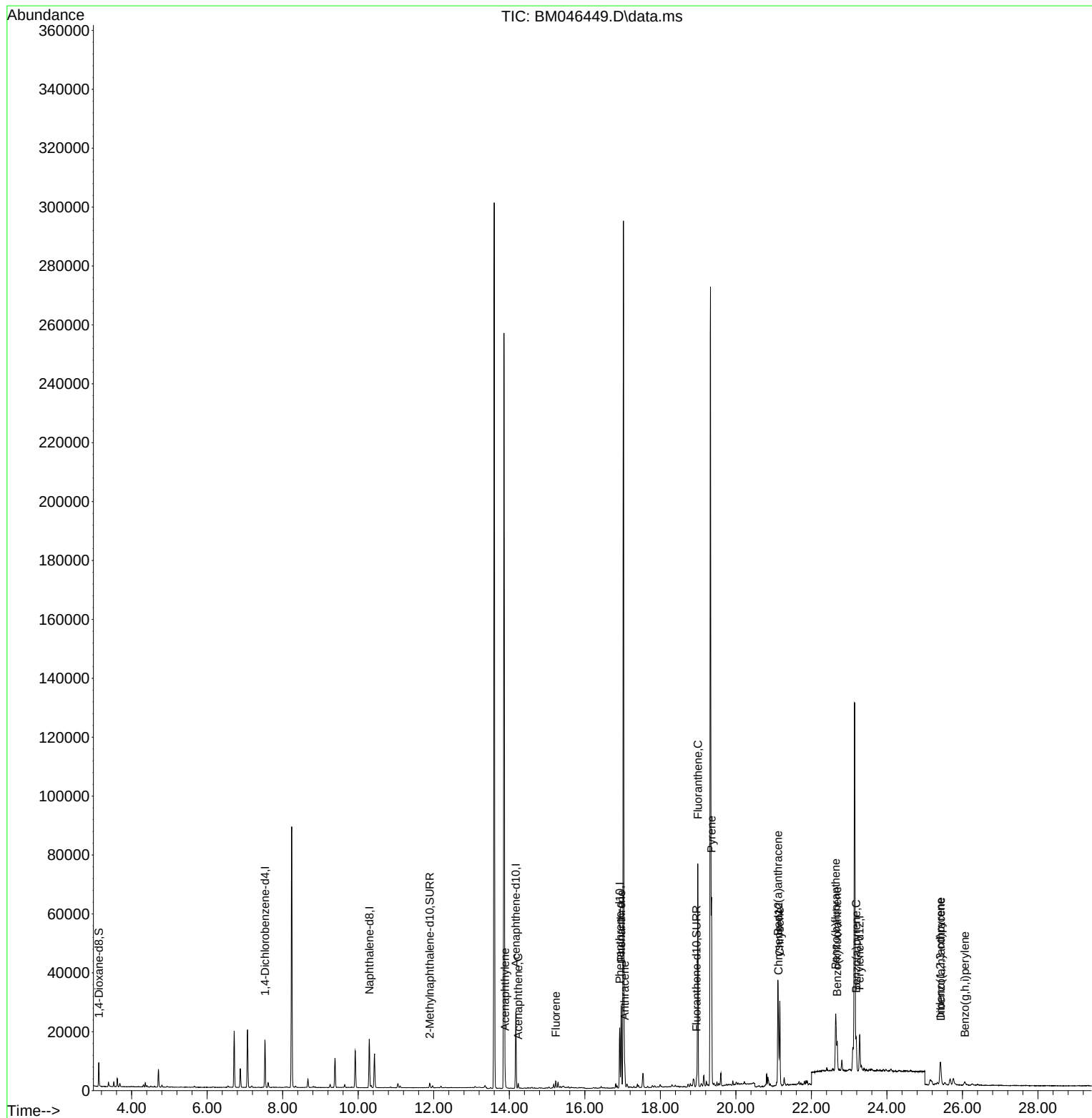
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046449.D
Acq On : 08 Jul 2024 23:08
Operator : MA/JU
Sample : P2982-10DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

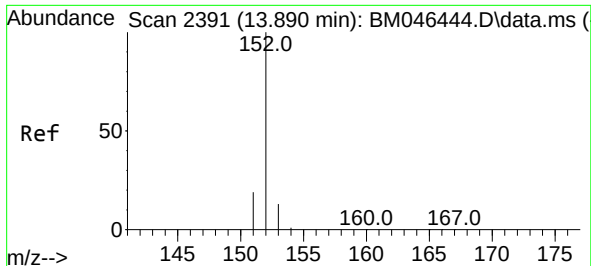
Instrument :
BNA_M
ClientSampleId :
A4CF6DL

Manual Integrations
APPROVED

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

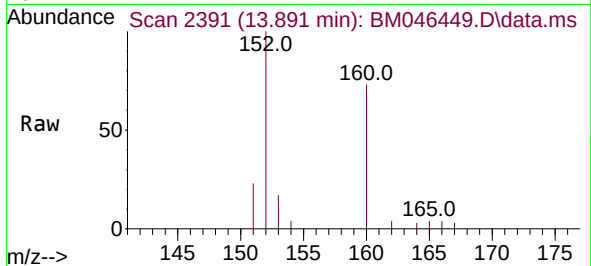
Quant Time: Jul 09 00:59:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 13.891 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM046449.D
Acq: 08 Jul 2024 23:08

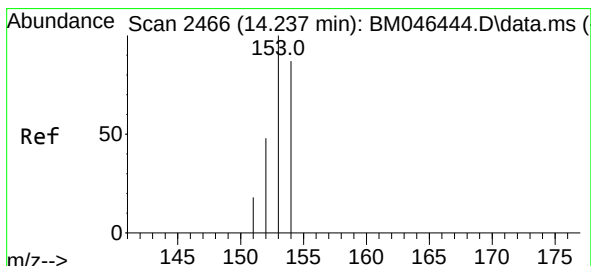
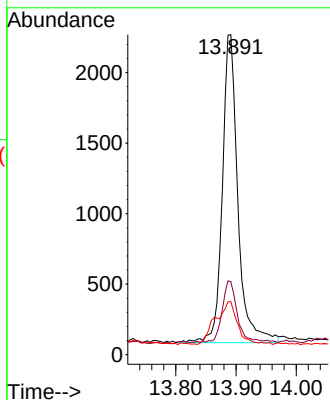
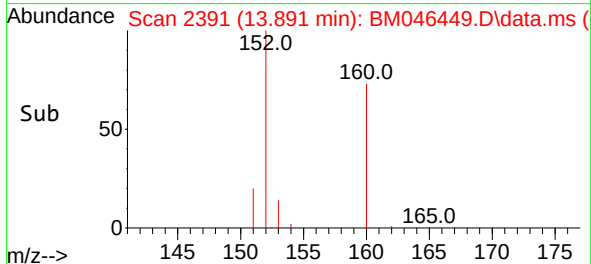
Instrument :
BNA_M
ClientSampleId :
A4CF6DL



Tgt Ion:152 Resp: 393
Ion Ratio Lower Upper
152 100
151 22.9 15.9 23.9
153 16.6 11.0 16.6

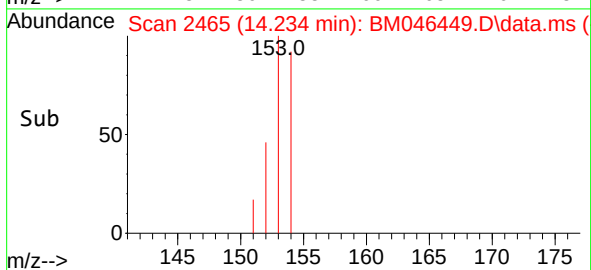
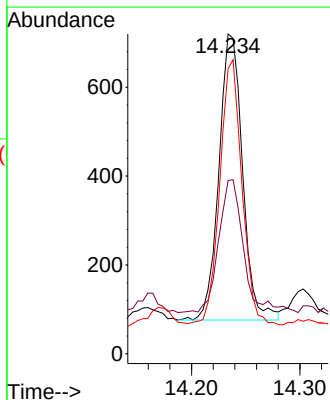
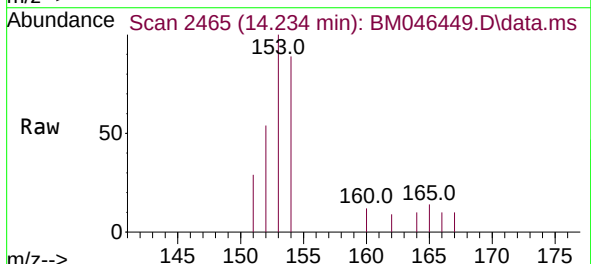
Manual Integrations
APPROVED

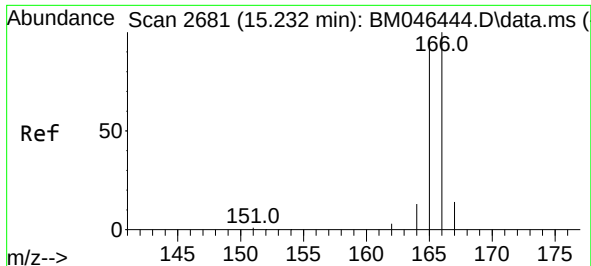
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.234 min Scan# 2465
Delta R.T. -0.013 min
Lab File: BM046449.D
Acq: 08 Jul 2024 23:08

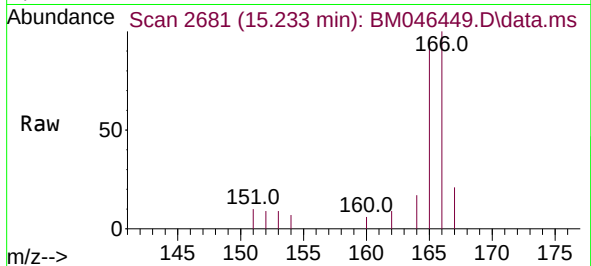
Tgt Ion:153 Resp: 978
Ion Ratio Lower Upper
153 100
152 54.2 40.4 60.6
154 89.2 72.1 108.1





#12
Fluorene
Concen: 0.028 ng/uI
RT: 15.233 min Scan# 20
Delta R.T. -0.008 min
Lab File: BM046449.D
Acq: 08 Jul 2024 23:08

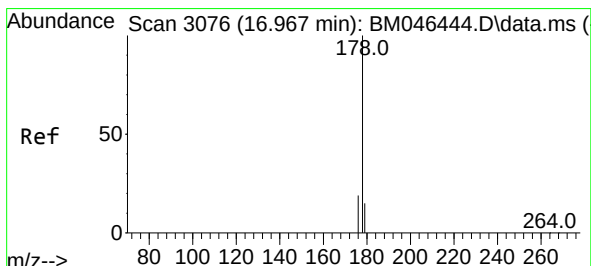
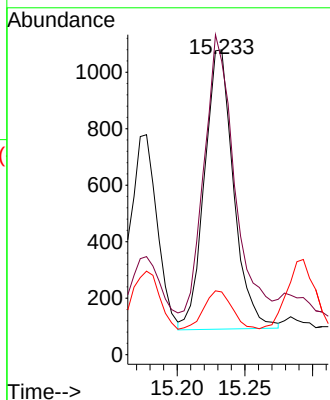
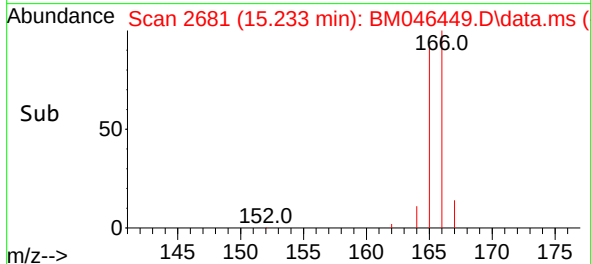
Instrument :
BNA_M
ClientSampleId :
A4CF6DL



Tgt Ion:166 Resp: 1479
Ion Ratio Lower Upper
166 100
165 96.3 78.0 117.0
167 20.6 11.4 17.0

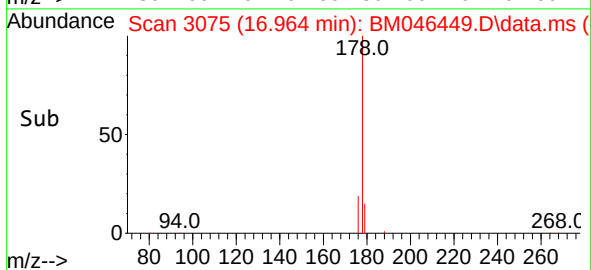
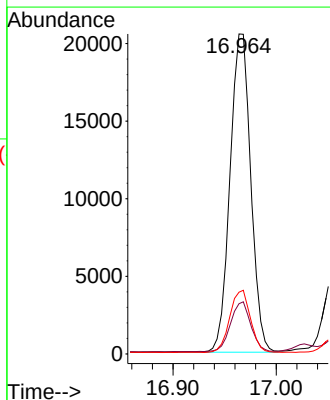
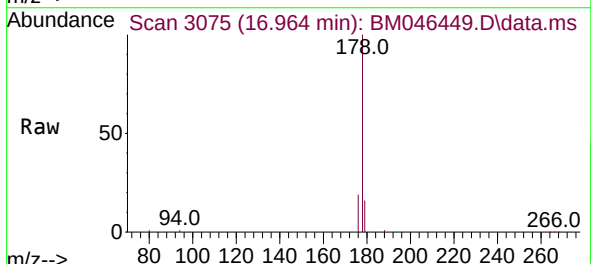
Manual Integrations
APPROVED

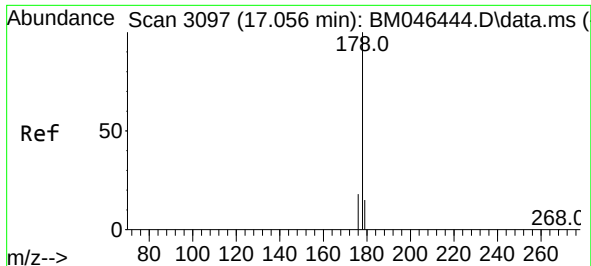
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#15
Phenanthrene
Concen: 0.380 ng/uI
RT: 16.964 min Scan# 3075
Delta R.T. -0.011 min
Lab File: BM046449.D
Acq: 08 Jul 2024 23:08

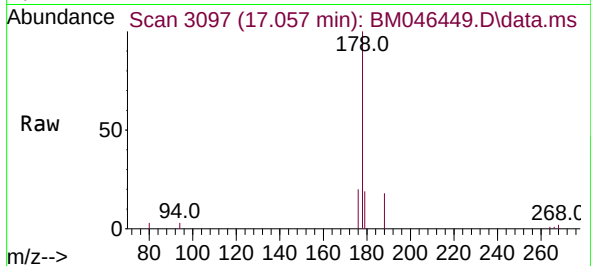
Tgt Ion:178 Resp: 28652
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.3 16.0 24.0





#16
 Anthracene
 Concen: 0.103 ng/ul
 RT: 17.057 min Scan# 3097
 Delta R.T. -0.011 min
 Lab File: BM046449.D
 Acq: 08 Jul 2024 23:08

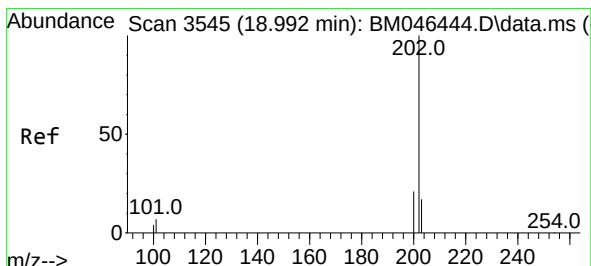
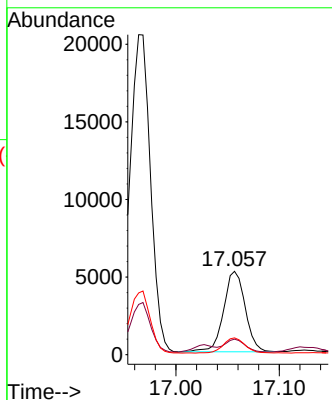
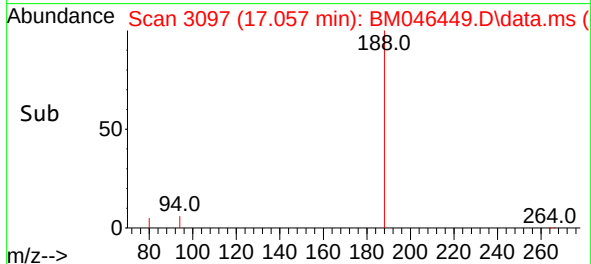
Instrument :
 BNA_M
 ClientSampleId :
 A4CF6DL



Tgt Ion:178 Resp: 7534
 Ion Ratio Lower Upper
 178 100
 179 18.5 12.6 18.8
 176 20.2 14.9 22.3

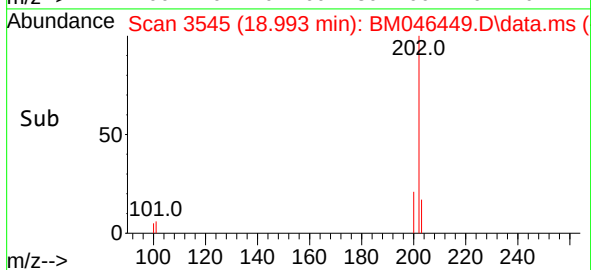
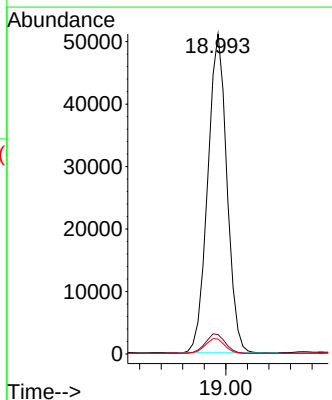
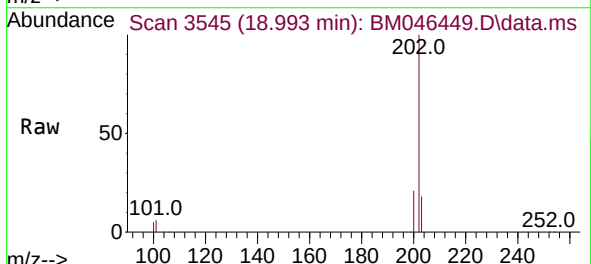
Manual Integrations
 APPROVED

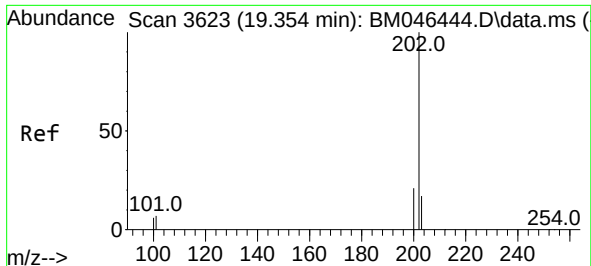
Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024



#19
 Fluoranthene
 Concen: 0.891 ng/ul
 RT: 18.993 min Scan# 3545
 Delta R.T. -0.013 min
 Lab File: BM046449.D
 Acq: 08 Jul 2024 23:08

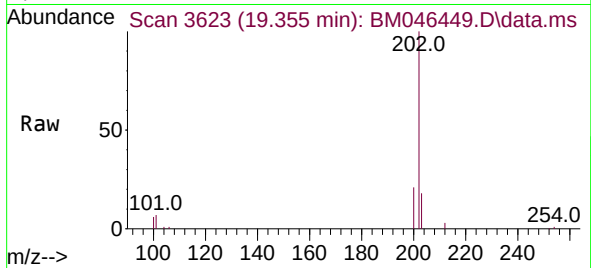
Tgt Ion:202 Resp: 63144
 Ion Ratio Lower Upper
 202 100
 101 6.1 6.3 9.5#
 100 4.7 5.0 7.6#





#20
Pyrene
Concen: 0.759 ng/ul
RT: 19.355 min Scan# 3623
Delta R.T. -0.008 min
Lab File: BM046449.D
Acq: 08 Jul 2024 23:08

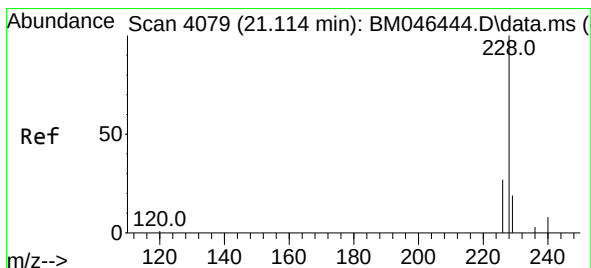
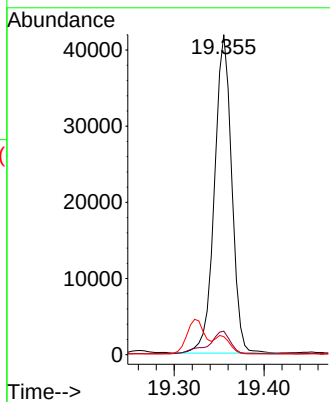
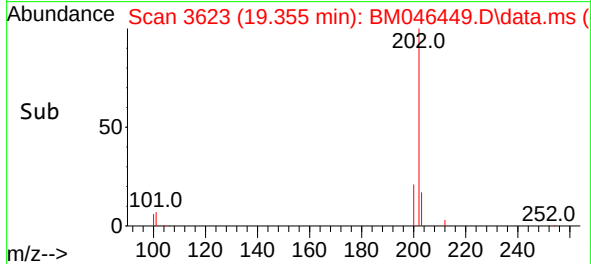
Instrument :
BNA_M
ClientSampleId :
A4CF6DL



Tgt Ion:202 Resp: 5537
Ion Ratio Lower Upper
202 100
101 7.3 8.2 12.4
100 5.7 6.9 10.3

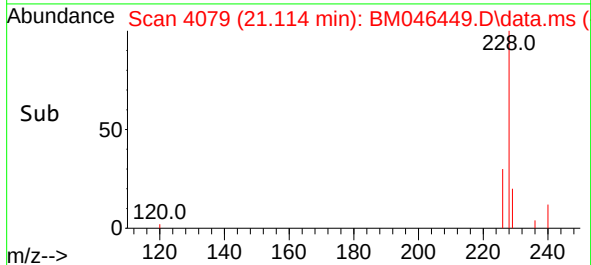
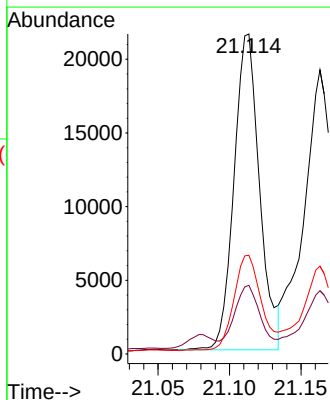
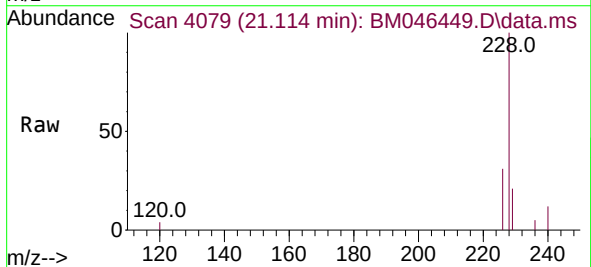
Manual Integrations
APPROVED

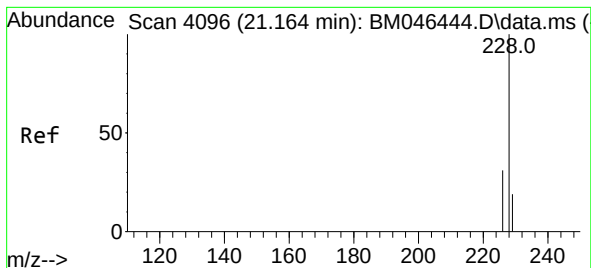
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#21
Benzo(a)anthracene
Concen: 0.427 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.012 min
Lab File: BM046449.D
Acq: 08 Jul 2024 23:08

Tgt Ion:228 Resp: 26760
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 30.8 22.0 33.0





#22

Chrysene

Concen: 0.430 ng/ul

RT: 21.163 min Scan# 4096

Delta R.T. -0.015 min

Lab File: BM046449.D

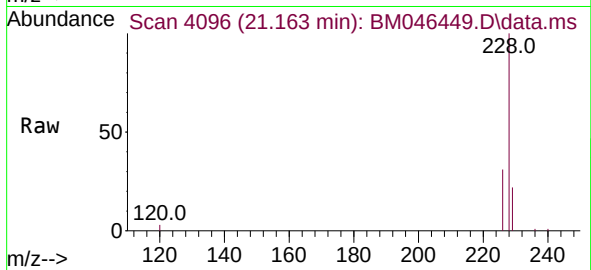
Acq: 08 Jul 2024 23:08

Instrument :

BNA_M

ClientSampleId :

A4CF6DL



Tgt Ion:228 Resp: 26762

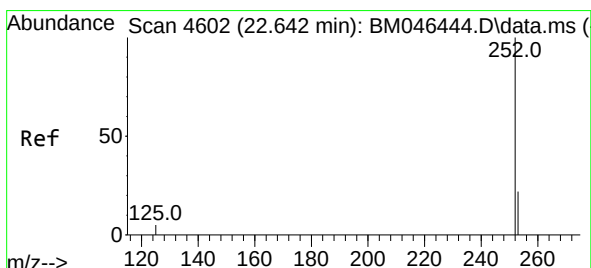
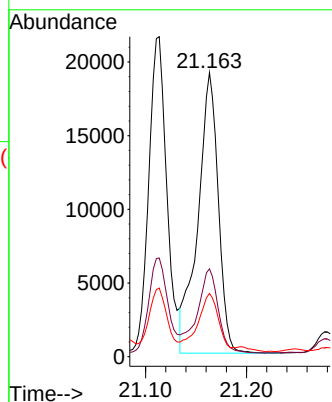
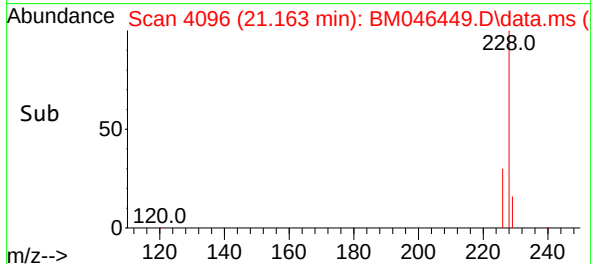
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	22.2	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#24

Benzo(b)fluoranthene

Concen: 0.509 ng/ul m

RT: 22.642 min Scan# 4602

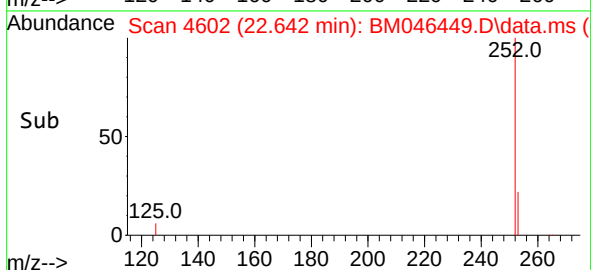
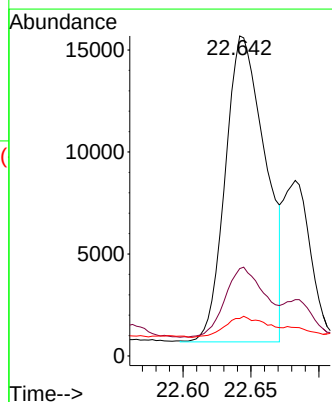
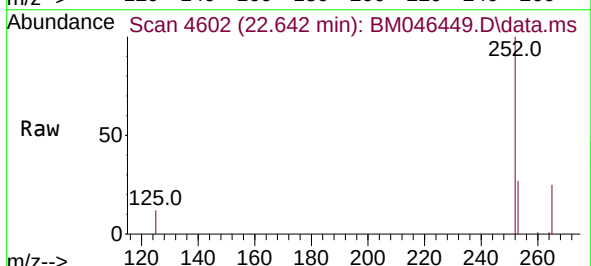
Delta R.T. -0.021 min

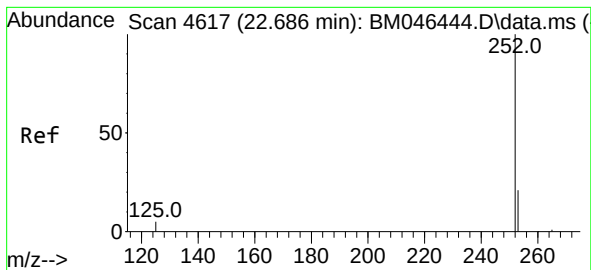
Lab File: BM046449.D

Acq: 08 Jul 2024 23:08

Tgt Ion:252 Resp: 30823

Ion	Ratio	Lower	Upper
252	100		
253	27.3	0.0	47.0
125	11.7	0.0	18.4





#25

Benzo(k)fluoranthene

Concen: 0.185 ng/ul m

RT: 22.683 min Scan# 4

Delta R.T. -0.024 min

Lab File: BM046449.D

Acq: 08 Jul 2024 23:08

Instrument :

BNA_M

ClientSampleId :

A4CF6DL

Tgt Ion:252 Resp: 11278

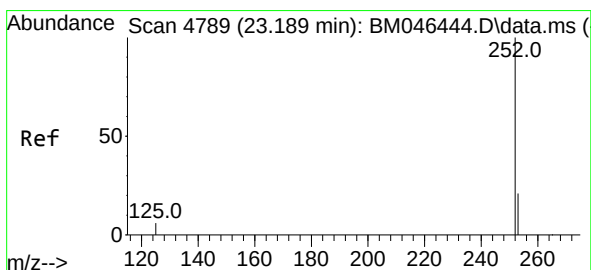
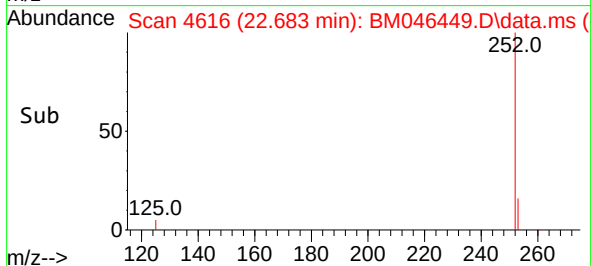
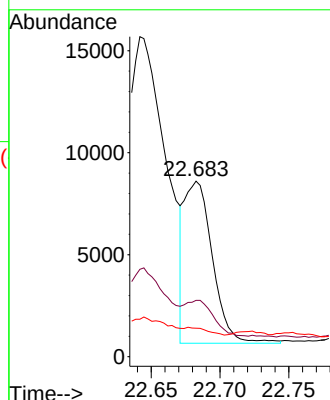
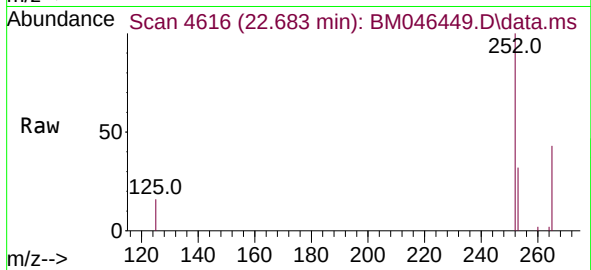
Ion	Ratio	Lower	Upper
252	100		
253	32.1	18.4	27.6
125	16.3	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#26

Benzo(a)pyrene

Concen: 0.320 ng/ul

RT: 23.185 min Scan# 4788

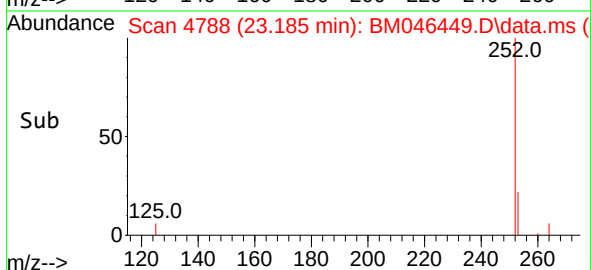
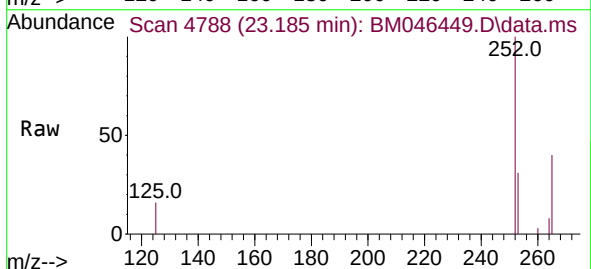
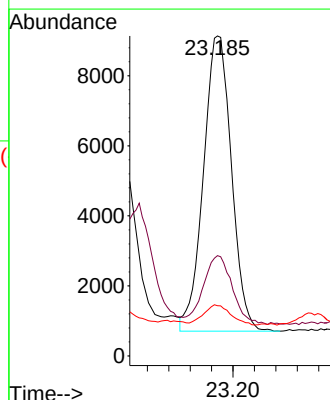
Delta R.T. -0.024 min

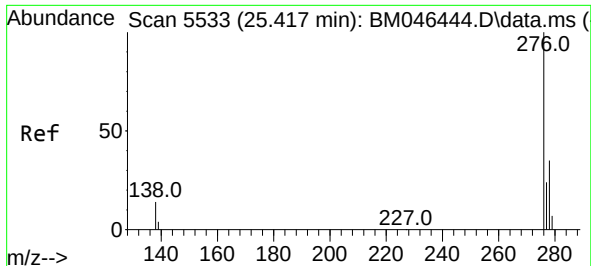
Lab File: BM046449.D

Acq: 08 Jul 2024 23:08

Tgt Ion:252 Resp: 15299

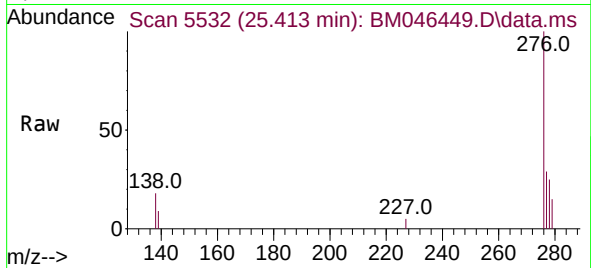
Ion	Ratio	Lower	Upper
252	100		
253	31.3	18.9	28.3
125	15.7	8.1	12.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.190 ng/ul
RT: 25.413 min Scan# 5532
Delta R.T. -0.034 min
Lab File: BM046449.D
Acq: 08 Jul 2024 23:08

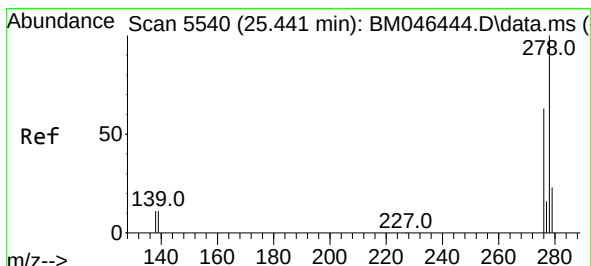
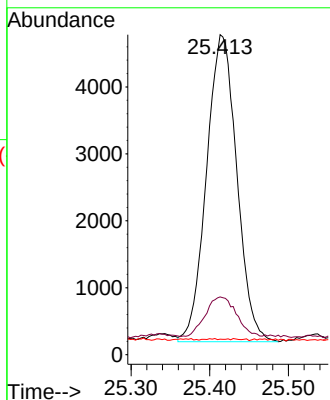
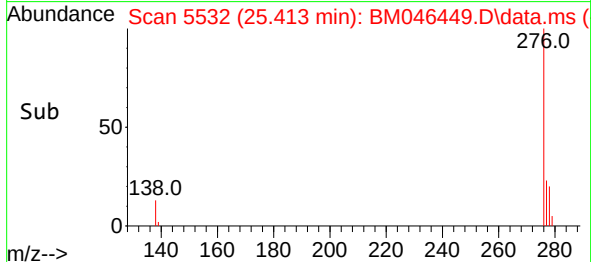
Instrument :
BNA_M
ClientSampleId :
A4CF6DL



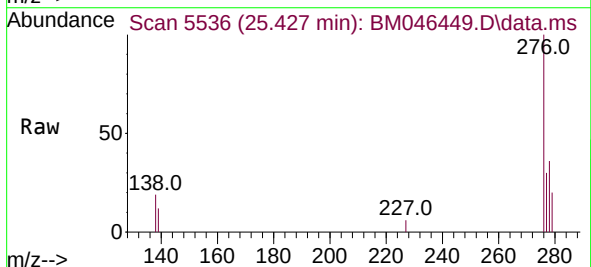
Tgt Ion:276 Resp: 12292
Ion Ratio Lower Upper
276 100
138 13.4 15.7 23.5#
227 0.3 0.1 0.1#

Manual Integrations
APPROVED

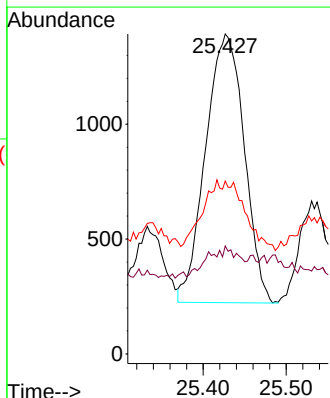
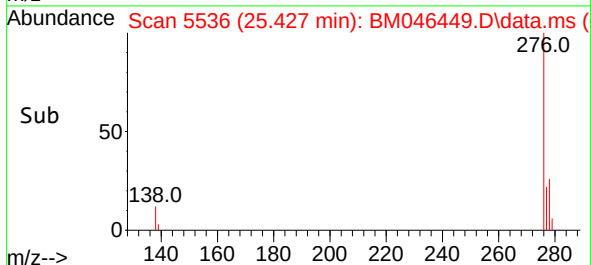
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

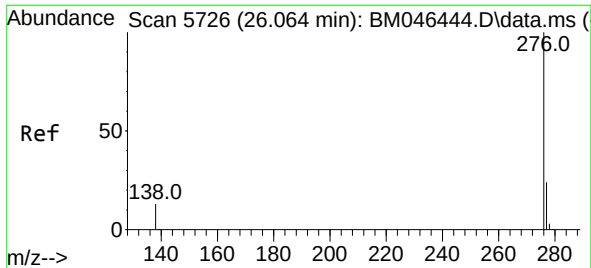


#28
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 25.427 min Scan# 5536
Delta R.T. -0.047 min
Lab File: BM046449.D
Acq: 08 Jul 2024 23:08



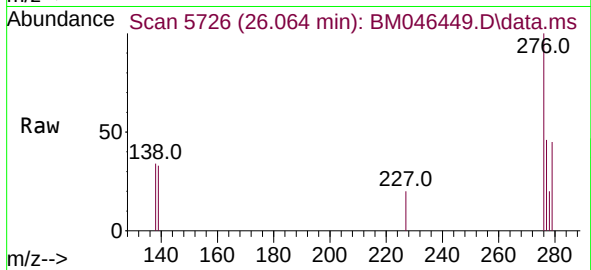
Tgt Ion:278 Resp: 3781
Ion Ratio Lower Upper
278 100
139 33.7 12.6 18.8#
279 54.1 20.7 31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 26.064 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM046449.D
Acq: 08 Jul 2024 23:08

Instrument :
BNA_M
ClientSampleId :
A4CF6DL



Tgt Ion:276 Resp: 255
Ion Ratio Lower Upper
276 100
138 34.0 15.4 23.0
277 46.0 19.7 29.5

Manual Integrations
APPROVED

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

