

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046432.D
 Acq On : 08 Jul 2024 12:43
 Operator : MA/JU
 Sample : P3010-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CW0DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 13:17:27 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	7.535	152	6477	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	17837	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.177	164	10727	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.925	188	20880	0.400	ng/ul	-0.01
17) Chrysene-d12	21.132	240	13740	0.400	ng/ul	-0.01
23) Perylene-d12	23.288	264	14255	0.400	ng/ul #	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3075	0.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	1092	0.041	ng/ul	0.00
18) Fluoranthene-d10	18.964	212	2202	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.347	128	2303	0.049	ng/ul#	92
7) 2-Methylnaphthalene	11.969	142	889	0.028	ng/ul	92
8) 1-Methylnaphthalene	12.195	142	661	0.020	ng/ul	95
10) Acenaphthylene	13.890	152	5209	0.096	ng/ul	96
11) Acenaphthene	14.237	153	2462	0.069	ng/ul	99
12) Fluorene	15.232	166	3050	0.073	ng/ul	99
15) Phenanthrene	16.967	178	62843	1.005	ng/ul	99
16) Anthracene	17.060	178	12660	0.209	ng/ul	97
19) Fluoranthene	18.996	202	137445	1.979	ng/ul#	96
20) Pyrene	19.359	202	96774	1.354	ng/ul#	92
21) Benzo(a)anthracene	21.117	228	55284	0.901	ng/ul	96
22) Chrysene	21.167	228	60179	0.986	ng/ul	98
24) Benzo(b)fluoranthene	22.651	252	78873m	1.301	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	30831m	0.504	ng/ul	
26) Benzo(a)pyrene	23.192	252	28362	0.592	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.427	276	28078	0.434	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.444	278	9071	0.181	ng/ul#	81
29) Benzo(g,h,i)perylene	26.074	276	4432	0.086	ng/ul#	75

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

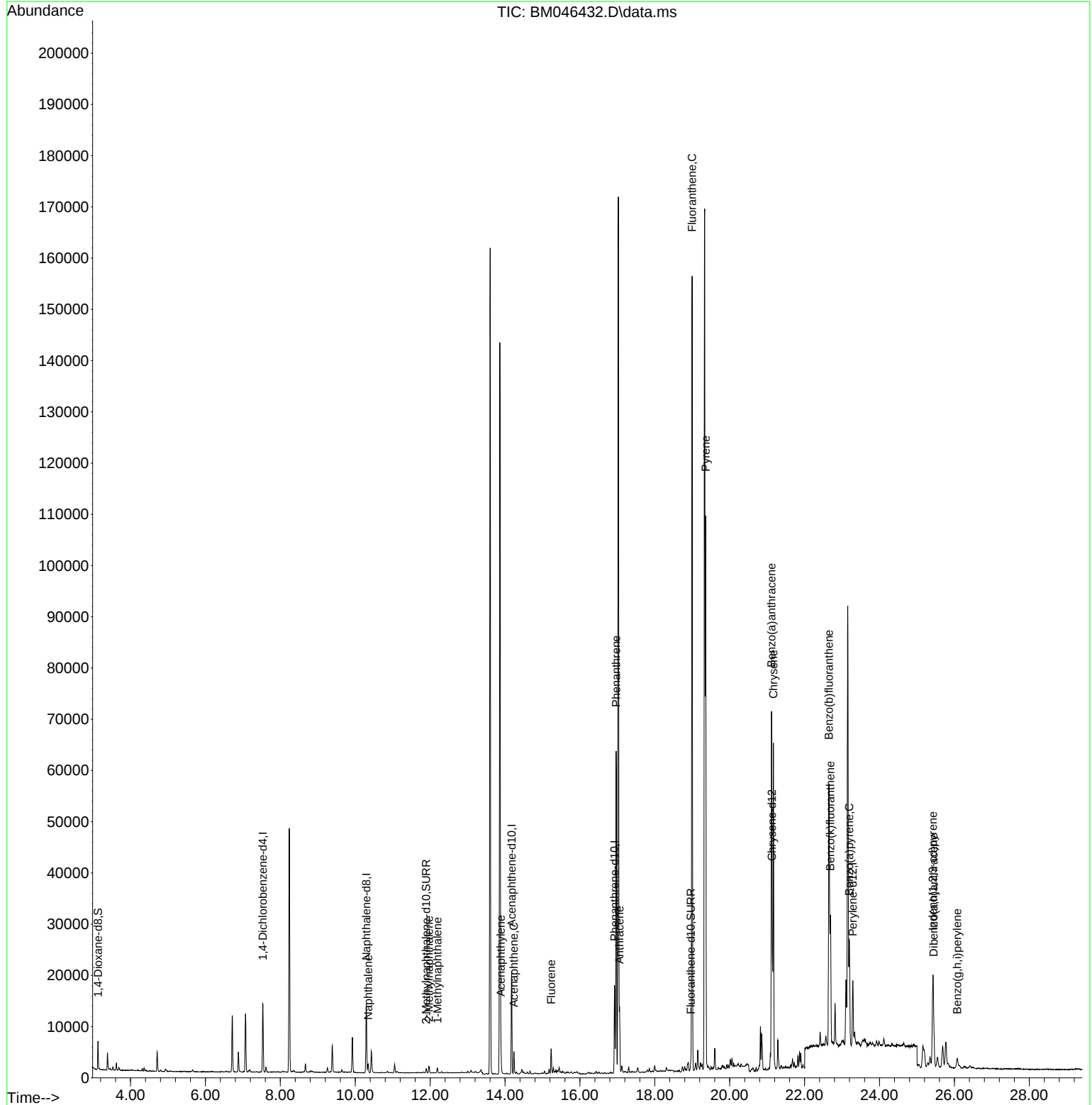
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046432.D
Acq On : 08 Jul 2024 12:43
Operator : MA/JU
Sample : P3010-06DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

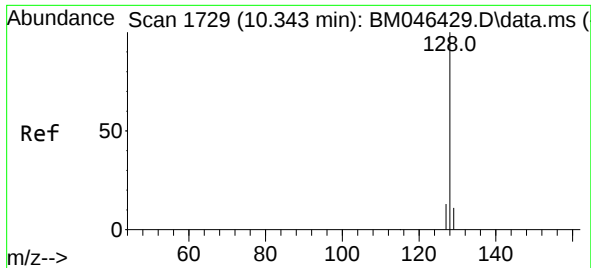
Instrument :
BNA_M
ClientSampleId :
A4CW0DL

Manual Integrations
APPROVED

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

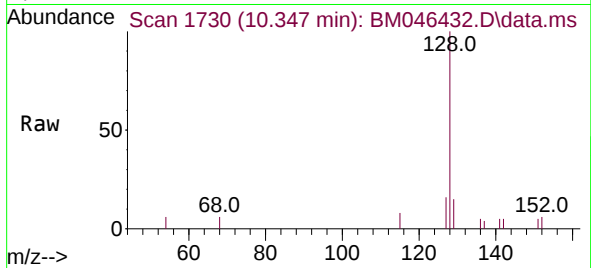
Quant Time: Jul 08 13:17:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.049 ng/ul
RT: 10.347 min Scan# 1729
Delta R.T. -0.005 min
Lab File: BM046432.D
Acq: 08 Jul 2024 12:43

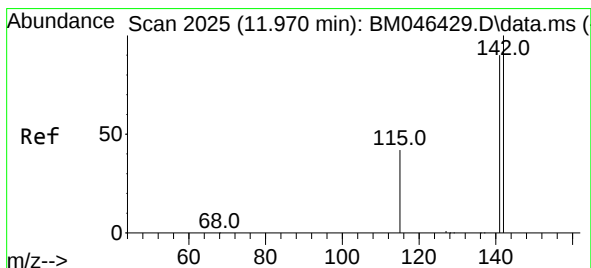
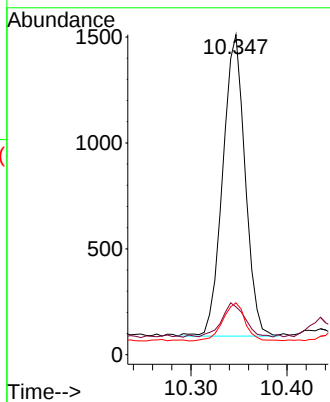
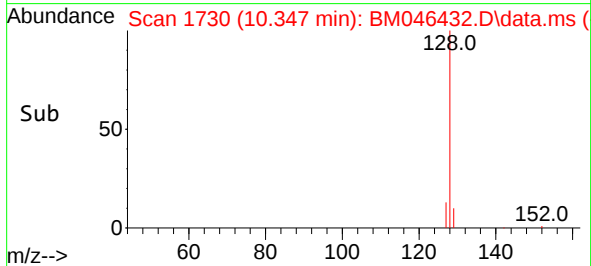
Instrument :
BNA_M
ClientSampleId :
A4CW0DL



Tgt Ion:128 Resp: 2300
Ion Ratio Lower Upper
128 100
129 15.0 9.4 14.0
127 16.2 10.8 16.2

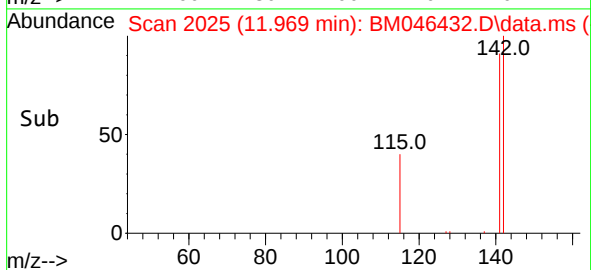
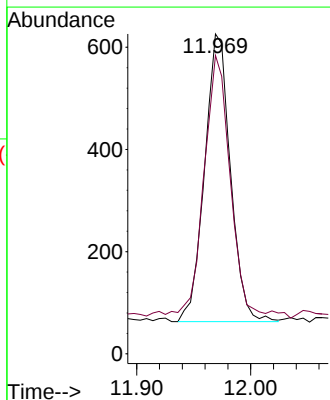
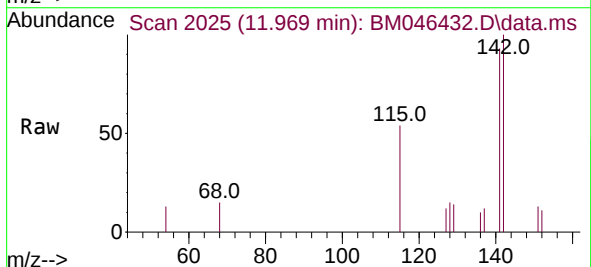
Manual Integrations
APPROVED

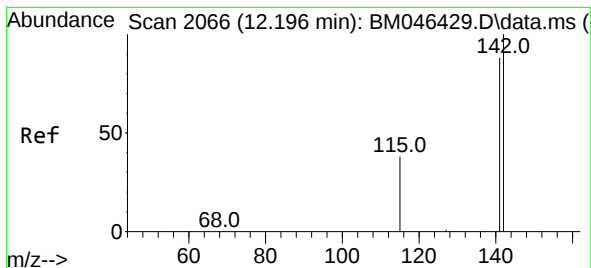
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.969 min Scan# 2025
Delta R.T. -0.011 min
Lab File: BM046432.D
Acq: 08 Jul 2024 12:43

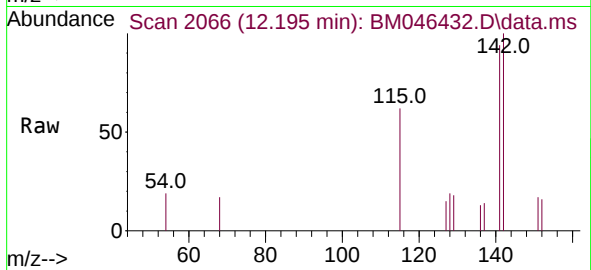
Tgt Ion:142 Resp: 889
Ion Ratio Lower Upper
142 100
141 94.2 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.195 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BM046432.D
Acq: 08 Jul 2024 12:43

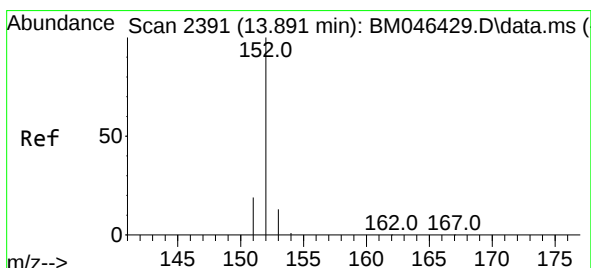
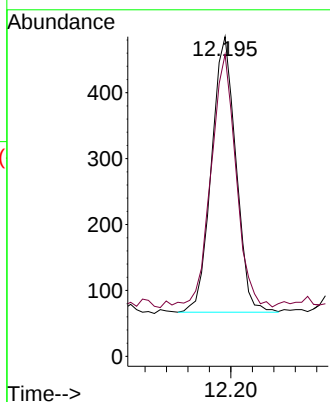
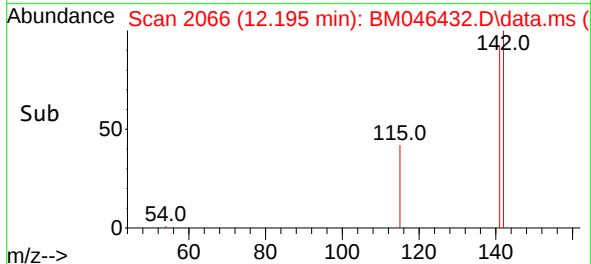
Instrument :
BNA_M
ClientSampleId :
A4CW0DL



Tgt Ion:142 Resp: 66
Ion Ratio Lower Upper
142 100
141 95.2 72.4 108.6

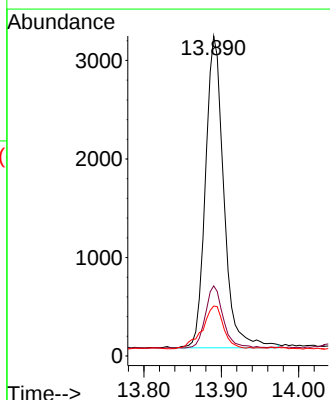
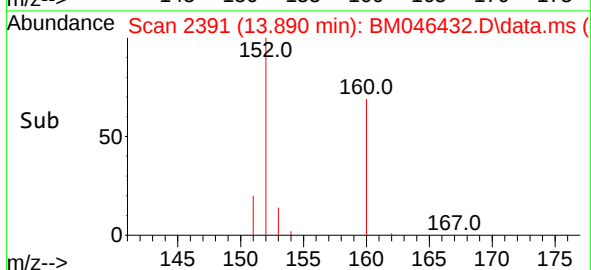
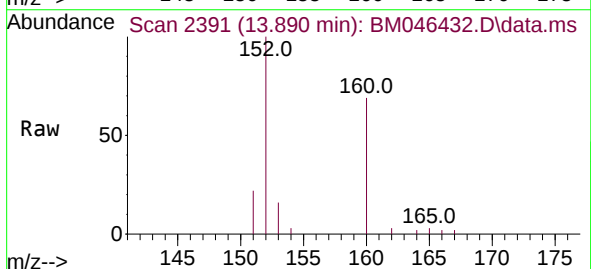
Manual Integrations
APPROVED

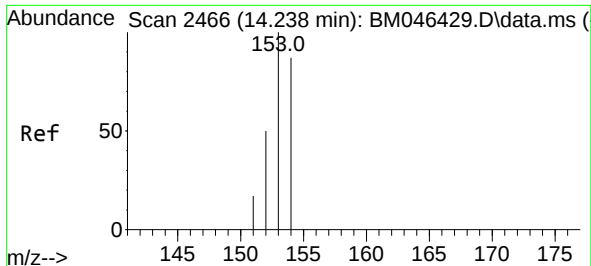
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#10
Acenaphthylene
Concen: 0.096 ng/ul
RT: 13.890 min Scan# 2391
Delta R.T. -0.009 min
Lab File: BM046432.D
Acq: 08 Jul 2024 12:43

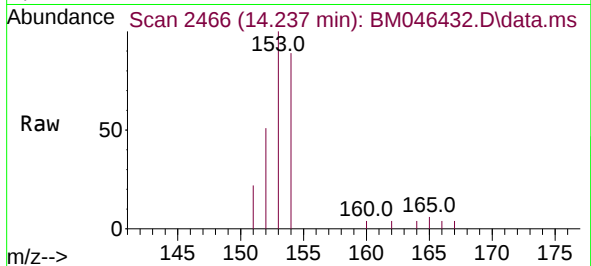
Tgt Ion:152 Resp: 5209
Ion Ratio Lower Upper
152 100
151 21.9 15.9 23.9
153 15.6 11.0 16.6





#11
Acenaphthene
Concen: 0.069 ng/ul
RT: 14.237 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BM046432.D
Acq: 08 Jul 2024 12:43

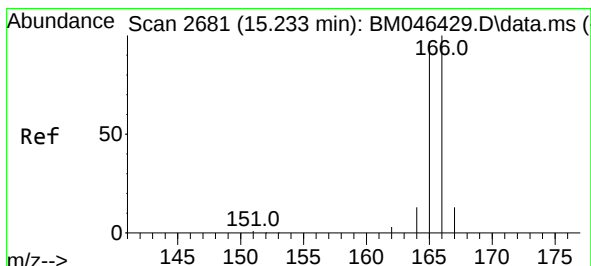
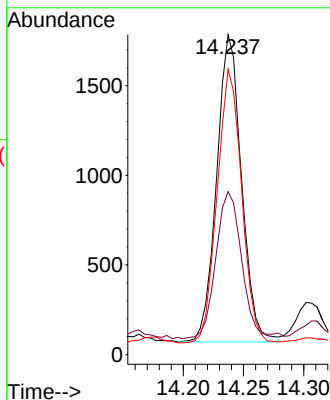
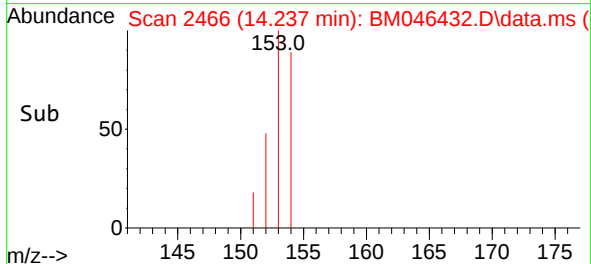
Instrument :
BNA_M
ClientSampleId :
A4CW0DL



Tgt Ion:153 Resp: 2466
Ion Ratio Lower Upper
153 100
152 50.9 40.4 60.6
154 89.2 72.1 108.1

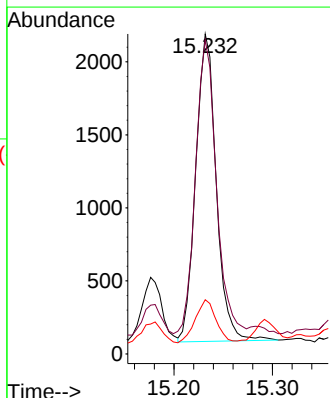
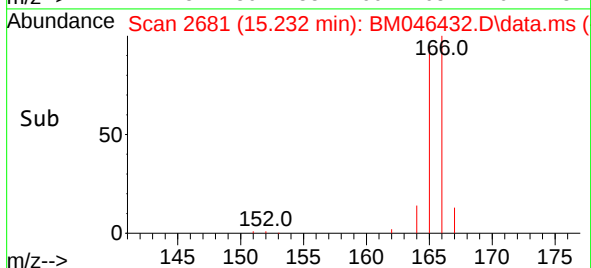
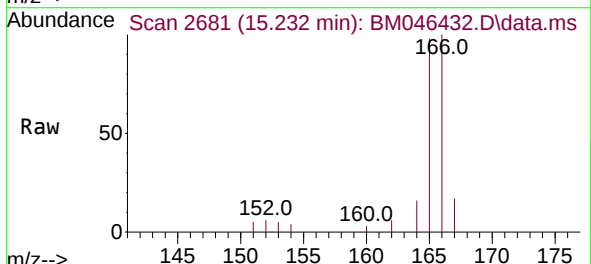
Manual Integrations
APPROVED

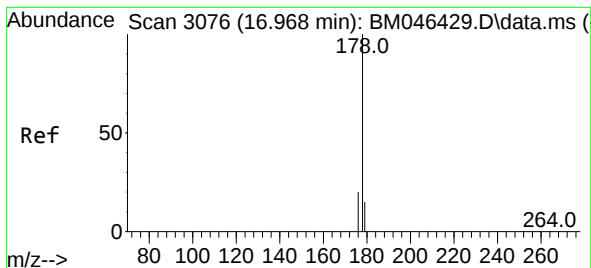
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#12
Fluorene
Concen: 0.073 ng/ul
RT: 15.232 min Scan# 2681
Delta R.T. -0.009 min
Lab File: BM046432.D
Acq: 08 Jul 2024 12:43

Tgt Ion:166 Resp: 3050
Ion Ratio Lower Upper
166 100
165 98.1 78.0 117.0
167 16.9 11.4 17.0





#15

Phenanthrene

Concen: 1.005 ng/u1

RT: 16.967 min Scan# 3076

Delta R.T. -0.008 min

Lab File: BM046432.D

Acq: 08 Jul 2024 12:43

Instrument :

BNA_M

ClientSampleId :

A4CW0DL

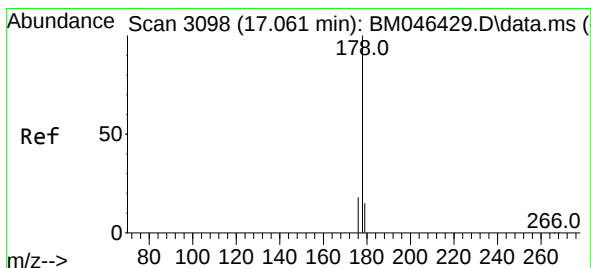
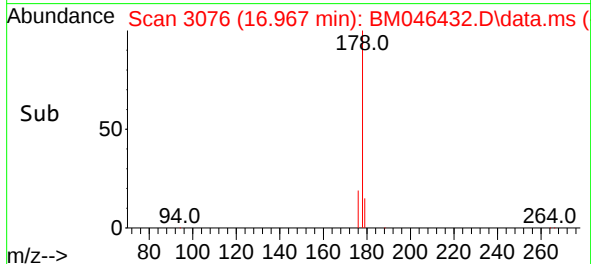
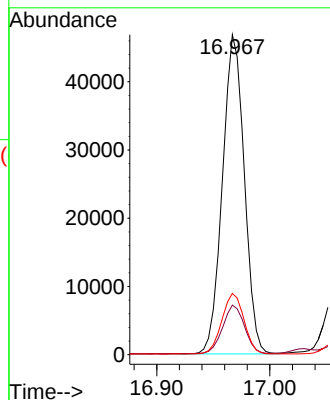
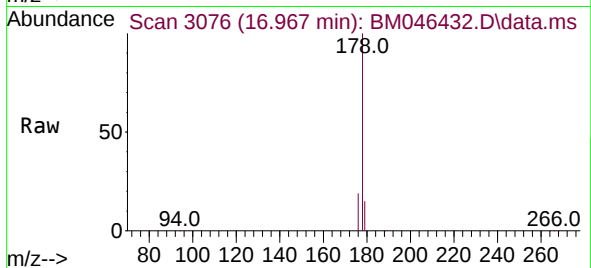
Tgt Ion:178	Resp: 6284
Ion Ratio	Lower Upper
178 100	
179 15.5	12.7 19.1
176 19.2	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#16

Anthracene

Concen: 0.209 ng/u1

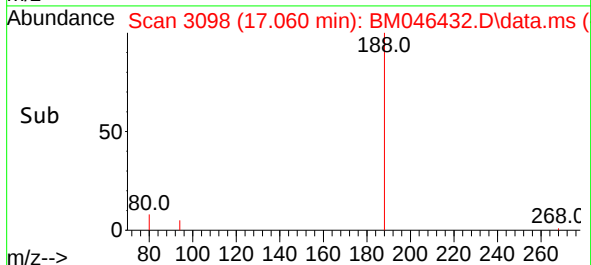
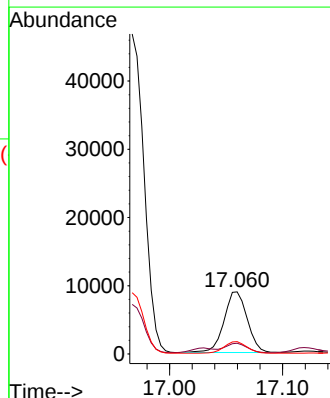
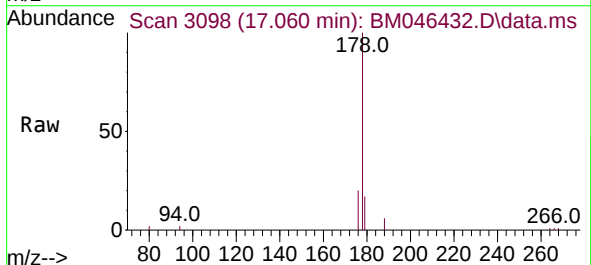
RT: 17.060 min Scan# 3098

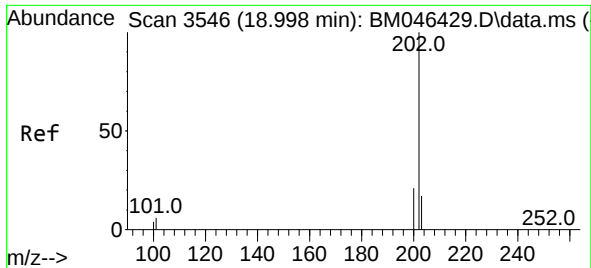
Delta R.T. -0.008 min

Lab File: BM046432.D

Acq: 08 Jul 2024 12:43

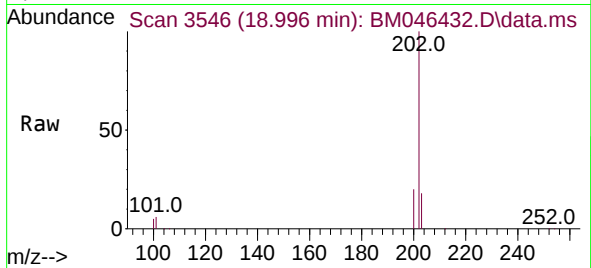
Tgt Ion:178	Resp: 12660
Ion Ratio	Lower Upper
178 100	
179 17.4	12.6 18.8
176 19.9	14.9 22.3





#19
Fluoranthene
Concen: 1.979 ng/ul
RT: 18.996 min Scan# 3546
Delta R.T. -0.009 min
Lab File: BM046432.D
Acq: 08 Jul 2024 12:43

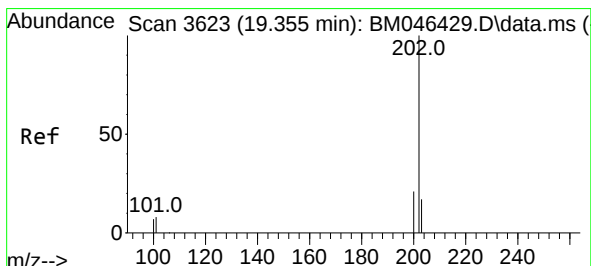
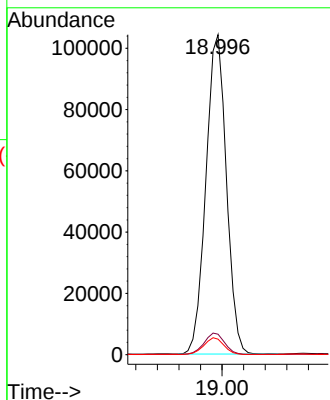
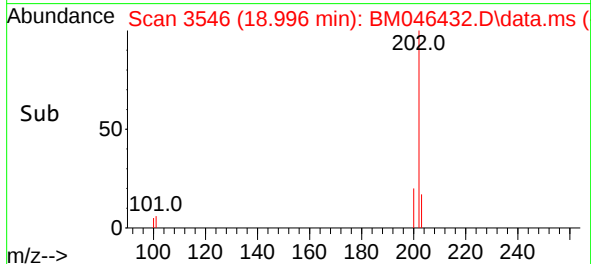
Instrument :
BNA_M
ClientSampleId :
A4CW0DL



Tgt Ion:202 Resp: 137445
Ion Ratio Lower Upper
202 100
101 6.4 6.3 9.5
100 4.8 5.0 7.6

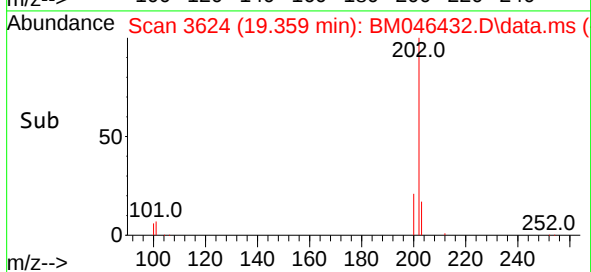
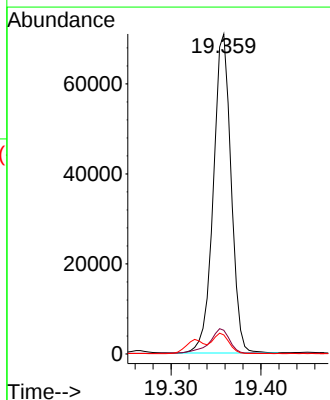
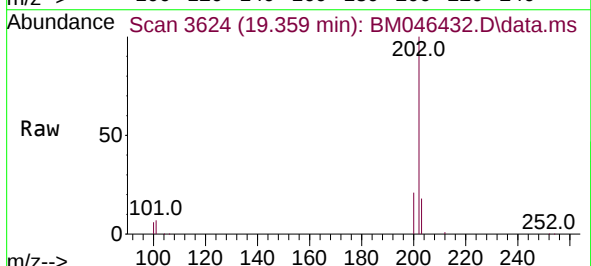
Manual Integrations
APPROVED

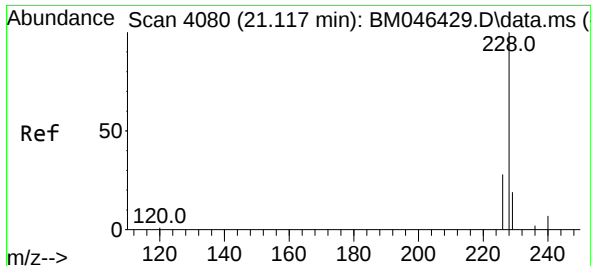
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#20
Pyrene
Concen: 1.354 ng/ul
RT: 19.359 min Scan# 3624
Delta R.T. -0.004 min
Lab File: BM046432.D
Acq: 08 Jul 2024 12:43

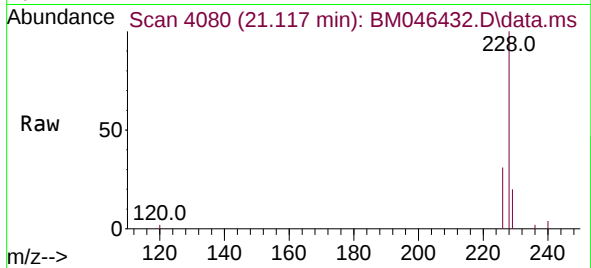
Tgt Ion:202 Resp: 96774
Ion Ratio Lower Upper
202 100
101 7.4 8.2 12.4#
100 6.0 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 0.901 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. -0.009 min
Lab File: BM046432.D
Acq: 08 Jul 2024 12:43

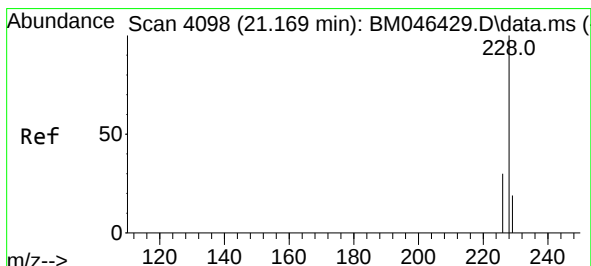
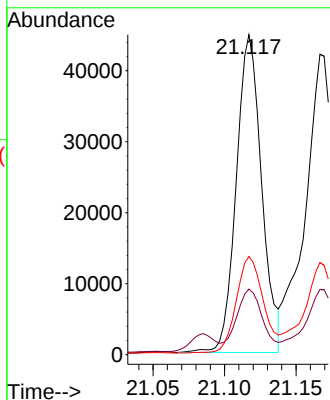
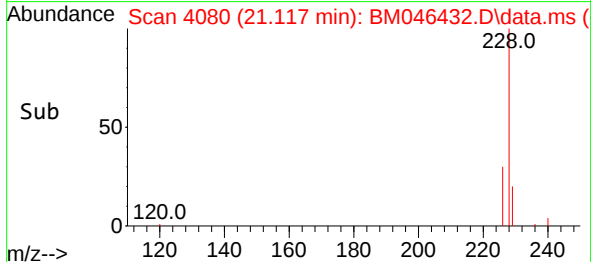
Instrument :
BNA_M
ClientSampleId :
A4CW0DL



Tgt Ion:228 Resp: 55284
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 30.7 22.0 33.0

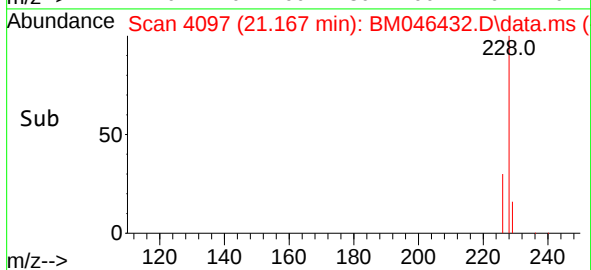
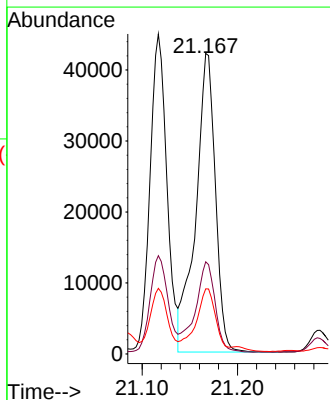
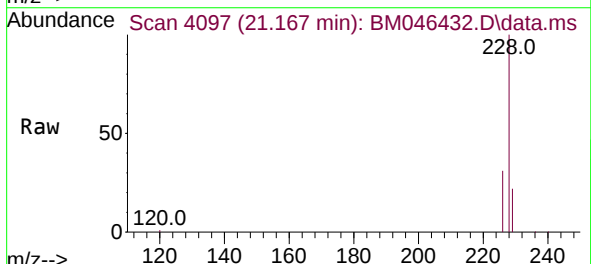
Manual Integrations
APPROVED

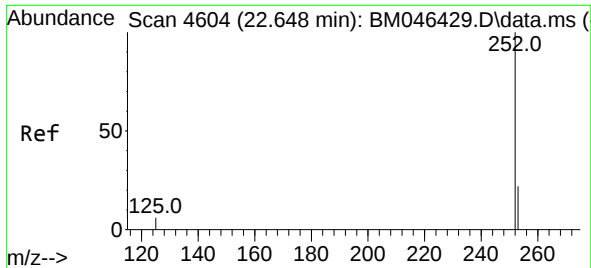
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#22
Chrysene
Concen: 0.986 ng/ul
RT: 21.167 min Scan# 4097
Delta R.T. -0.011 min
Lab File: BM046432.D
Acq: 08 Jul 2024 12:43

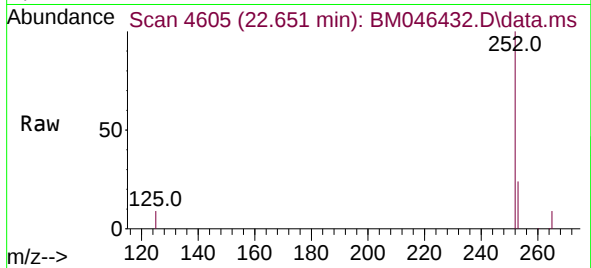
Tgt Ion:228 Resp: 60179
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 21.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.301 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. -0.011 min
Lab File: BM046432.D
Acq: 08 Jul 2024 12:43

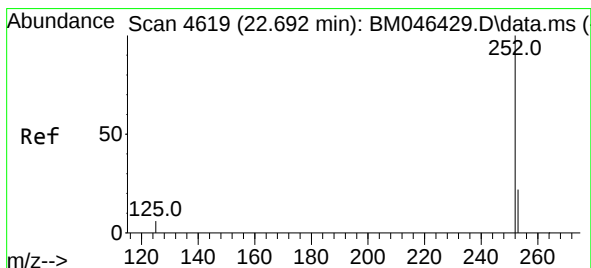
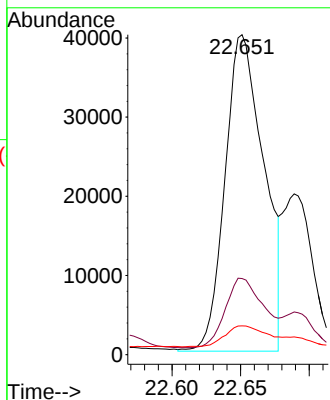
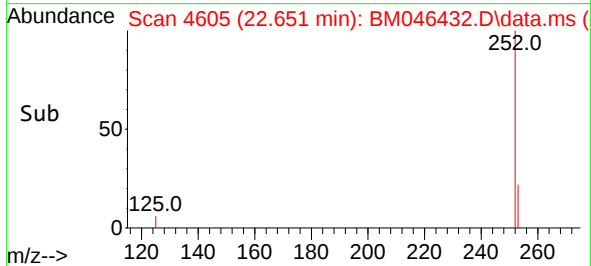
Instrument :
BNA_M
ClientSampleId :
A4CW0DL



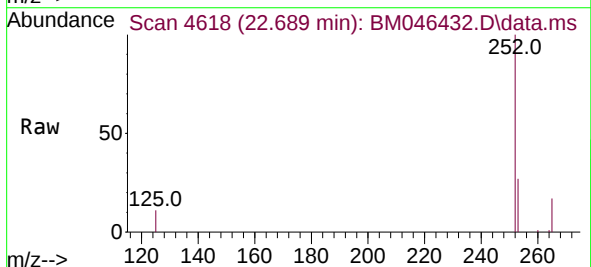
Tgt Ion:252 Resp: 7887
Ion Ratio Lower Upper
252 100
253 23.8 0.0 47.0
125 9.0 0.0 18.4

Manual Integrations
APPROVED

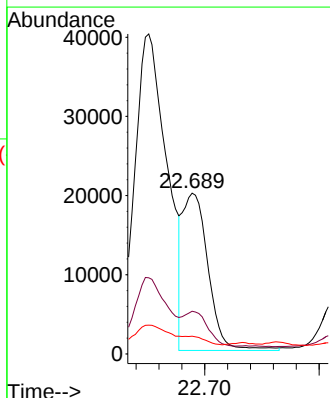
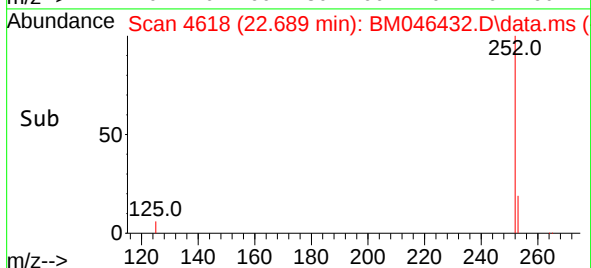
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

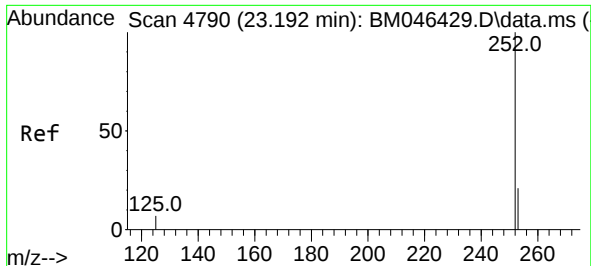


#25
Benzo(k)fluoranthene
Concen: 0.504 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.017 min
Lab File: BM046432.D
Acq: 08 Jul 2024 12:43



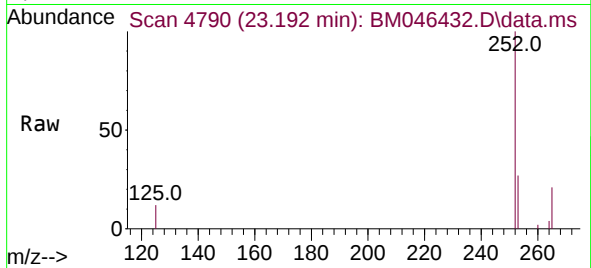
Tgt Ion:252 Resp: 30831
Ion Ratio Lower Upper
252 100
253 26.6 18.4 27.6
125 11.1 7.5 11.3





#26
Benzo(a)pyrene
Concen: 0.592 ng/ul
RT: 23.192 min Scan# 4790
Delta R.T. -0.017 min
Lab File: BM046432.D
Acq: 08 Jul 2024 12:43

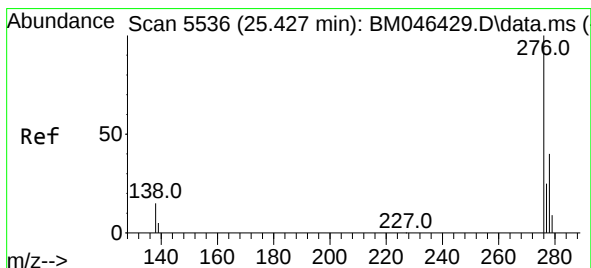
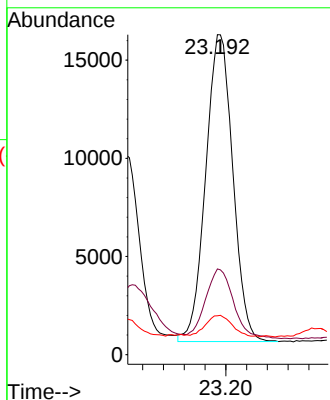
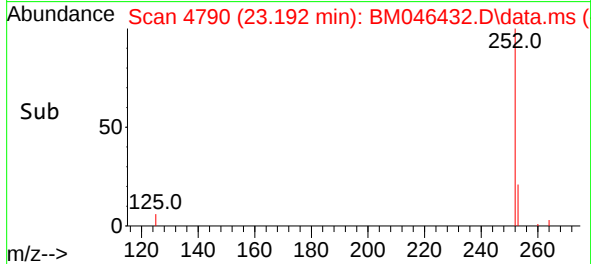
Instrument :
BNA_M
ClientSampleId :
A4CW0DL



Tgt Ion:252 Resp: 28362
Ion Ratio Lower Upper
252 100
253 26.8 18.9 28.3
125 12.2 8.1 12.1

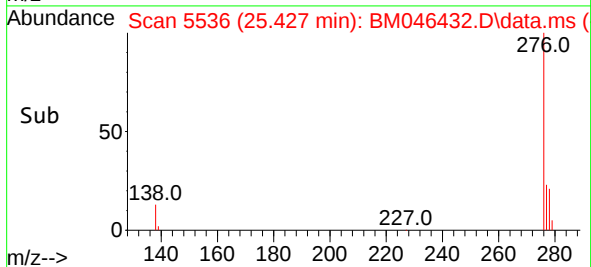
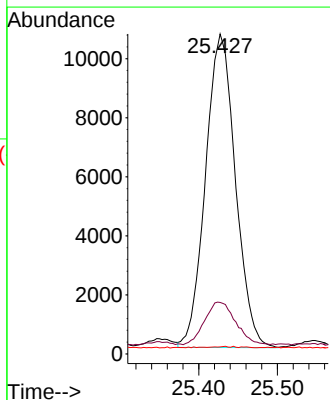
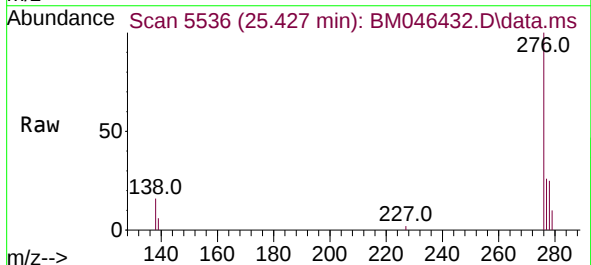
Manual Integrations
APPROVED

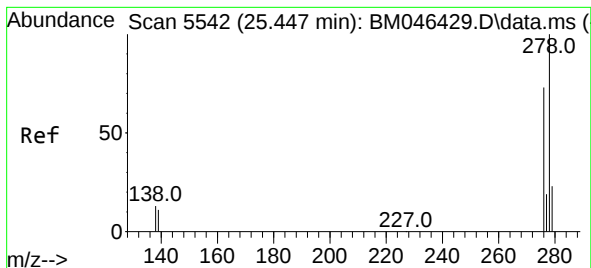
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 25.427 min Scan# 5536
Delta R.T. -0.020 min
Lab File: BM046432.D
Acq: 08 Jul 2024 12:43

Tgt Ion:276 Resp: 28078
Ion Ratio Lower Upper
276 100
138 14.6 15.7 23.5#
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.181 ng/ul

RT: 25.444 min Scan# 5

Delta R.T. -0.030 min

Lab File: BM046432.D

Acq: 08 Jul 2024 12:43

Instrument :

BNA_M

ClientSampleId :

A4CW0DL

Tgt Ion:278 Resp: 907

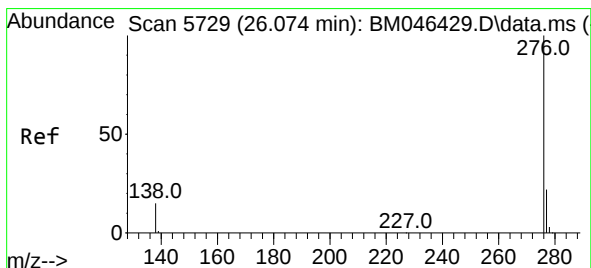
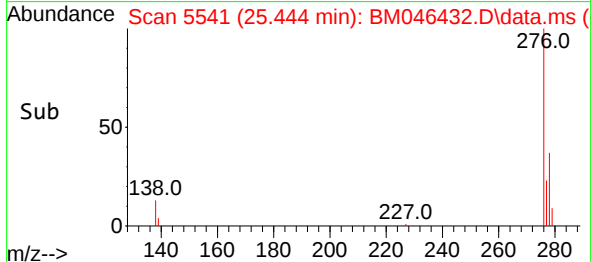
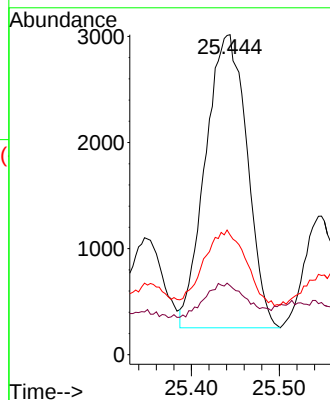
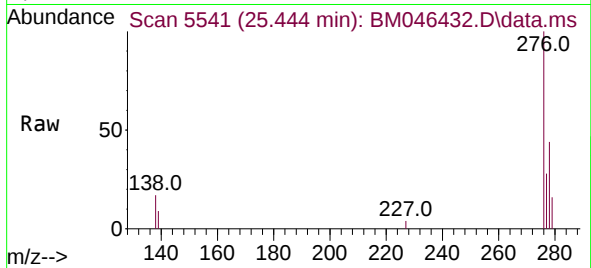
Ion	Ratio	Lower	Upper
278	100		
139	21.6	12.6	18.8
279	37.4	20.7	31.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#29

Benzo(g,h,i)perylene

Concen: 0.086 ng/ul

RT: 26.074 min Scan# 5729

Delta R.T. -0.017 min

Lab File: BM046432.D

Acq: 08 Jul 2024 12:43

Tgt Ion:276 Resp: 4432

Ion	Ratio	Lower	Upper
276	100		
138	28.5	15.4	23.0
277	38.5	19.7	29.5

