

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046436.D
 Acq On : 08 Jul 2024 15:10
 Operator : MA/JU
 Sample : P2963-18
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CS9

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 15:47:27 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	6177	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	17879	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.174	164	11357	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.926	188	22149m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.134	240	10522	0.400	ng/ul	# 0.00
23) Perylene-d12	23.291	264	11235	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	16410	2.572	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	7114	0.269	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	11909	0.323	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.342	128	27069	0.570	ng/ul	99
7) 2-Methylnaphthalene	11.970	142	11481	0.358	ng/ul	98
8) 1-Methylnaphthalene	12.190	142	7201	0.218	ng/ul	99
10) Acenaphthylene	13.891	152	41379	0.718	ng/ul	99
11) Acenaphthene	14.238	153	10901	0.290	ng/ul	98
12) Fluorene	15.233	166	15390	0.347	ng/ul	98
14) Pentachlorophenol	16.580	266	335	0.052	ng/ul	95
15) Phenanthrene	16.968	178	345348	5.207	ng/ul	99
16) Anthracene	17.061	178	76347	1.187	ng/ul	99
19) Fluoranthene	18.997	202	557115	10.475	ng/ul#	95
20) Pyrene	19.360	202	401408	7.335	ng/ul#	91
21) Benzo(a)anthracene	21.119	228	228021	4.850	ng/ul	93
22) Chrysene	21.169	228	247369	5.292	ng/ul	97
24) Benzo(b)fluoranthene	22.656	252	317556m	6.648	ng/ul	
25) Benzo(k)fluoranthene	22.694	252	106592m	2.211	ng/ul	
26) Benzo(a)pyrene	23.200	252	107881	2.858	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.433	276	123003	2.412	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.447	278	41602	1.054	ng/ul	93
29) Benzo(g,h,i)perylene	26.084	276	19053	0.469	ng/ul#	86

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

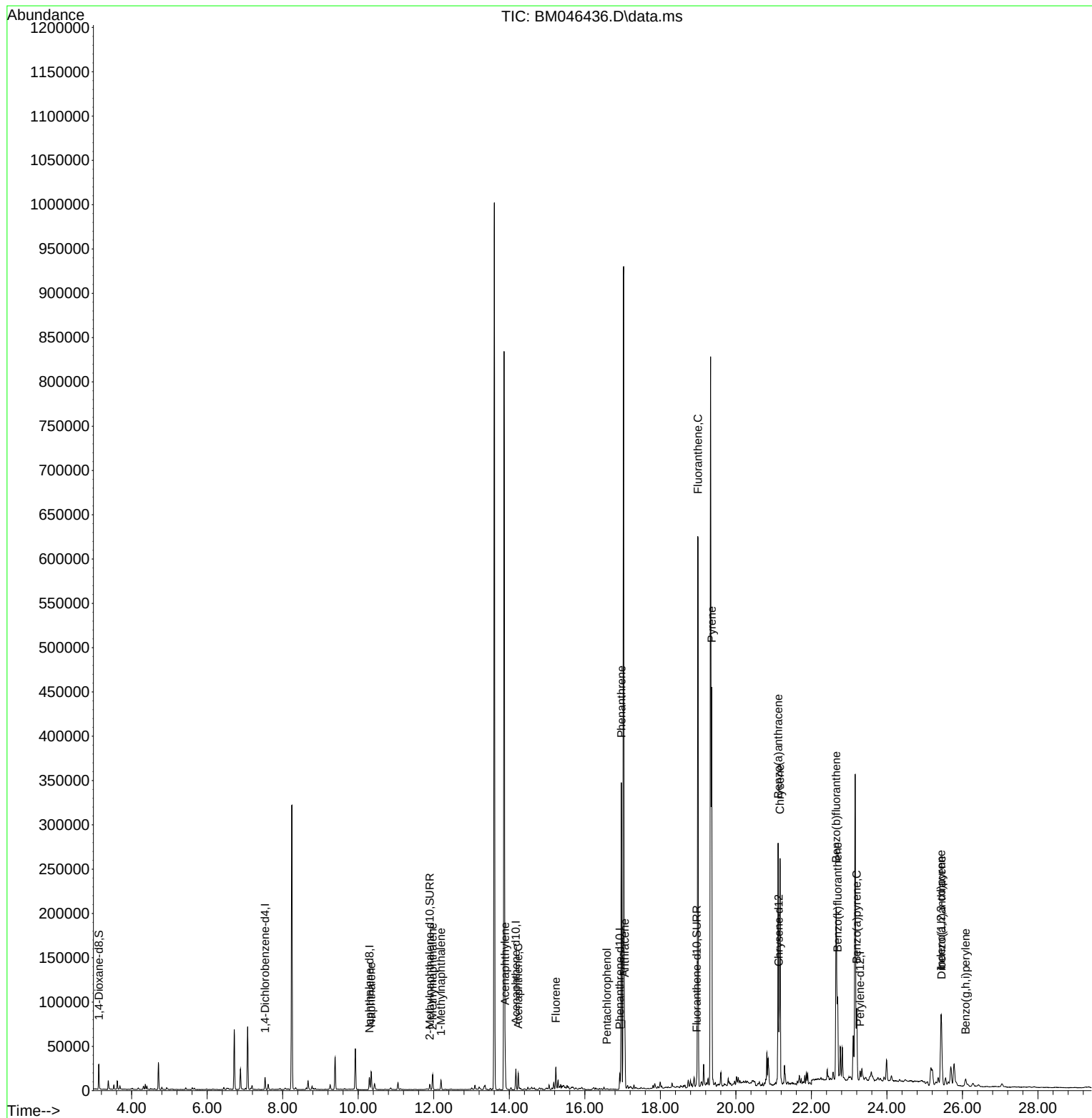
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046436.D
Acq On : 08 Jul 2024 15:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 60 Sample Multiplier: 1

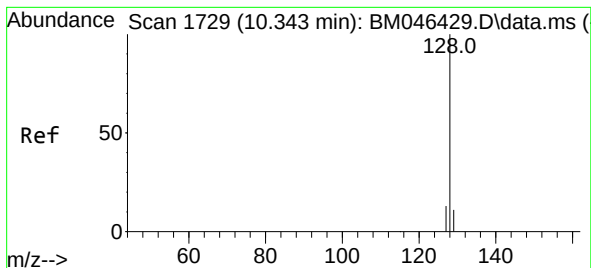
Instrument :
BNA_M
ClientSampleId :
A4CS9

Manual Integrations
APPROVED

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

Quant Time: Jul 08 15:47:27 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: 0.570 ng/ul

RT: 10.342 min Scan# 1729

Delta R.T. -0.010 min

Lab File: BM046436.D

Acq: 08 Jul 2024 15:10

Instrument :

BNA_M

ClientSampleId :

A4CS9

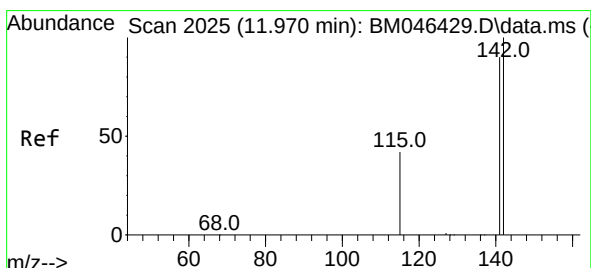
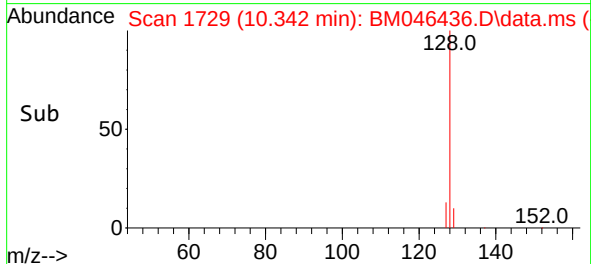
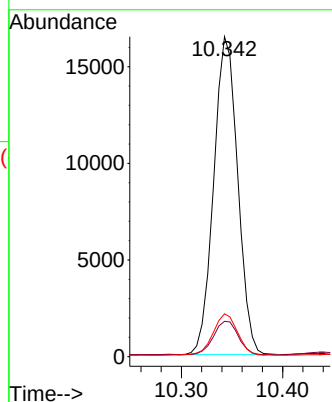
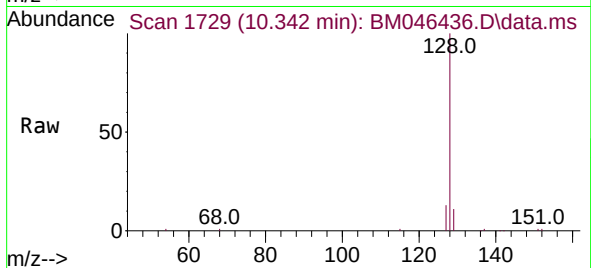
Tgt Ion:	128	Resp:	27069
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.4	14.0
127	13.4	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#7

2-Methylnaphthalene

Concen: 0.358 ng/ul

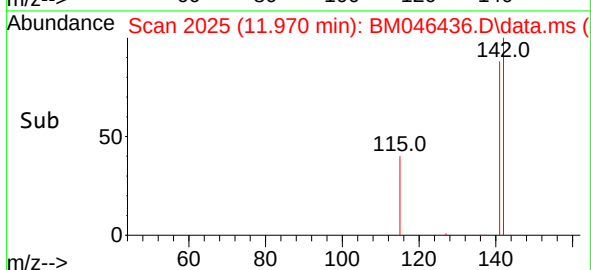
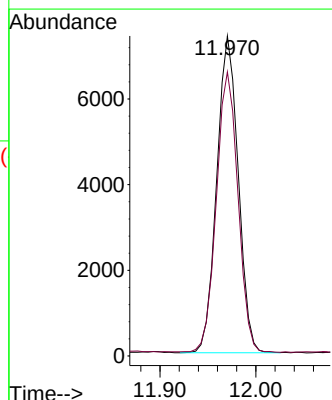
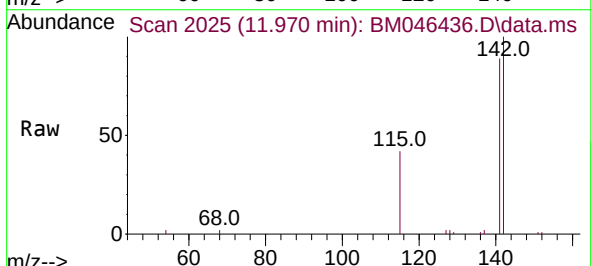
RT: 11.970 min Scan# 2025

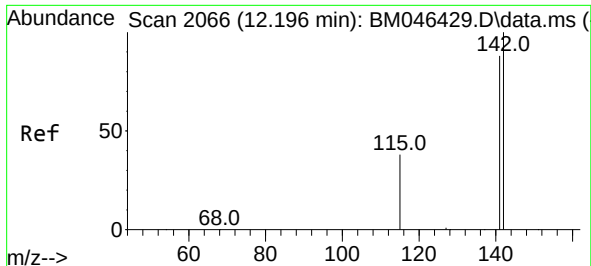
Delta R.T. -0.010 min

Lab File: BM046436.D

Acq: 08 Jul 2024 15:10

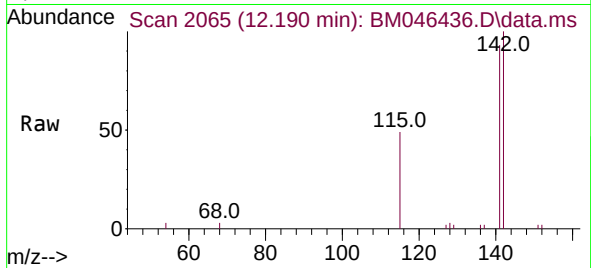
Tgt Ion:	142	Resp:	11481
Ion Ratio	Lower	Upper	
142	100		
141	89.1	69.8	104.6





#8
1-Methylnaphthalene
Concen: 0.218 ng/ul
RT: 12.190 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10

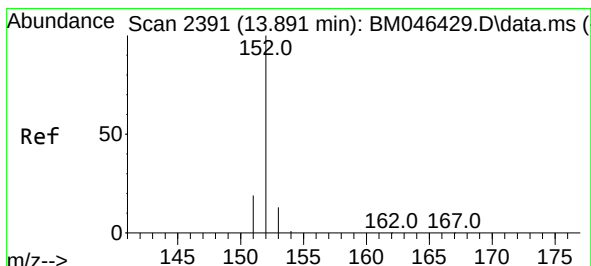
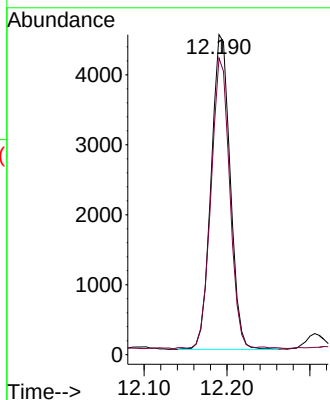
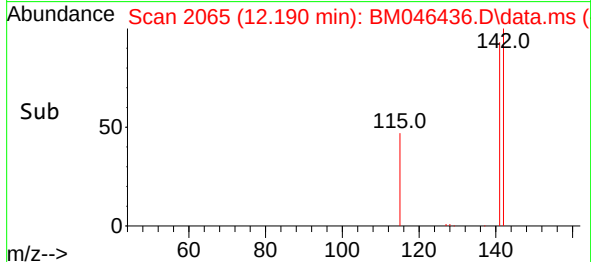
Instrument :
BNA_M
ClientSampleId :
A4CS9



Tgt Ion:142 Resp: 720
Ion Ratio Lower Upper
142 100
141 91.3 72.4 108.6

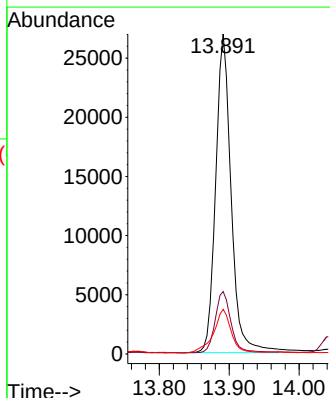
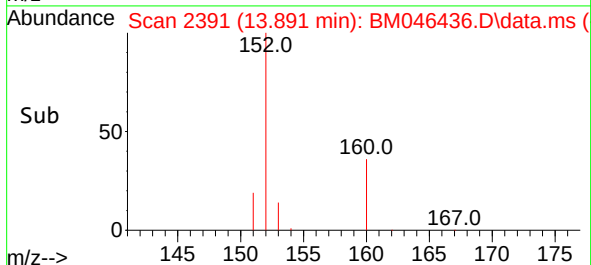
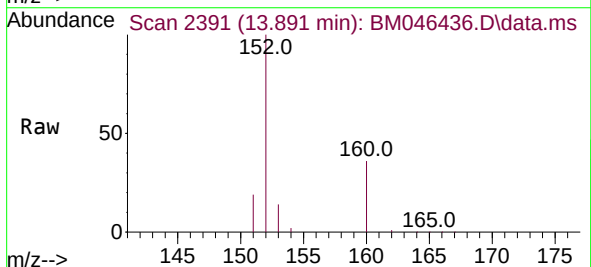
Manual Integrations
APPROVED

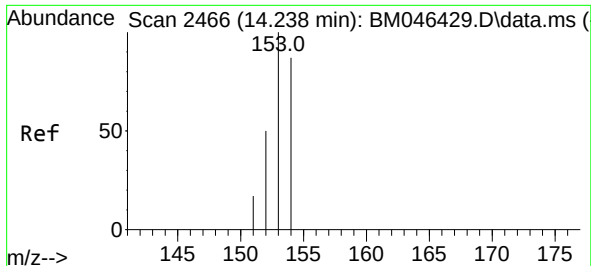
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#10
Acenaphthylene
Concen: 0.718 ng/ul
RT: 13.891 min Scan# 2391
Delta R.T. -0.008 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10

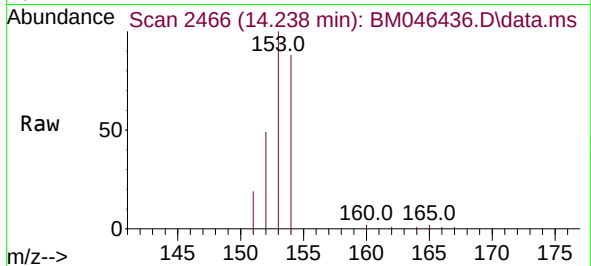
Tgt Ion:152 Resp: 41379
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 14.0 11.0 16.6





#11
Acenaphthene
Concen: 0.290 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10

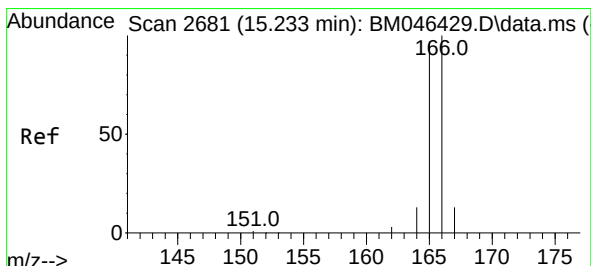
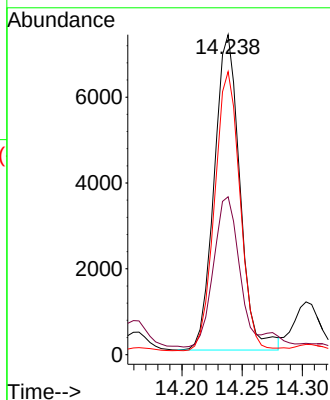
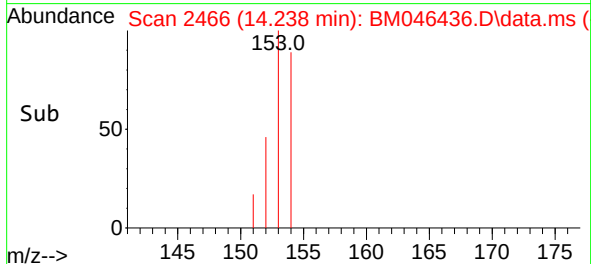
Instrument :
BNA_M
ClientSampleId :
A4CS9



Tgt Ion:153 Resp: 1090
Ion Ratio Lower Upper
153 100
152 49.3 40.4 60.6
154 88.5 72.1 108.1

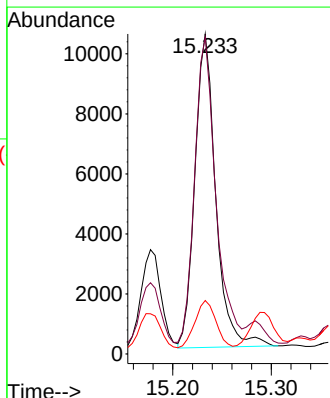
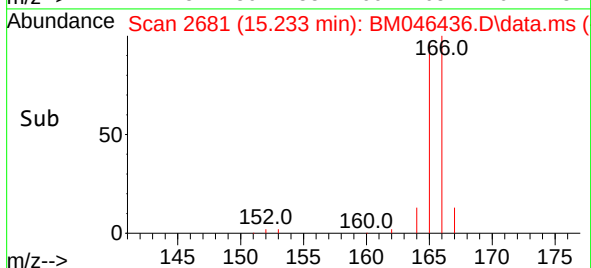
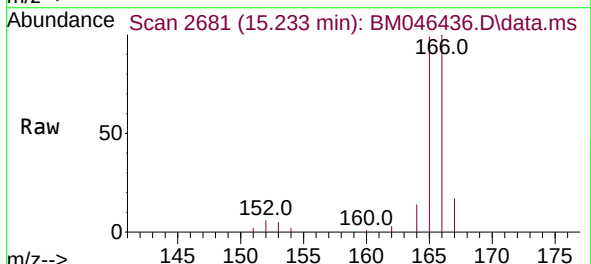
Manual Integrations
APPROVED

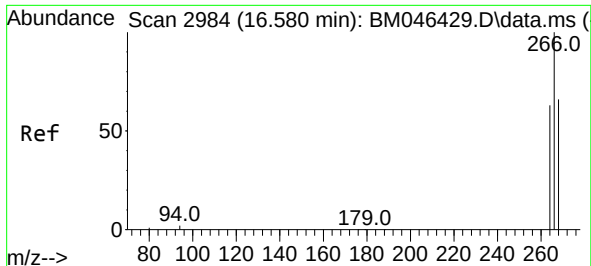
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#12
Fluorene
Concen: 0.347 ng/ul
RT: 15.233 min Scan# 2681
Delta R.T. -0.008 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10

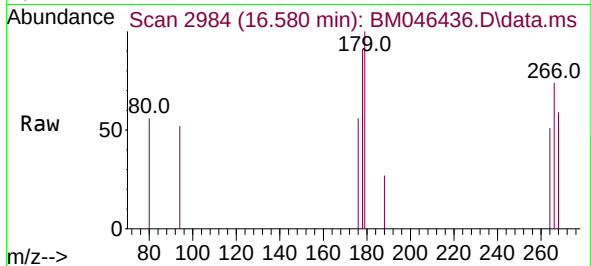
Tgt Ion:166 Resp: 15390
Ion Ratio Lower Upper
166 100
165 98.9 78.0 117.0
167 16.7 11.4 17.0





#14
Pentachlorophenol
Concen: 0.052 ng/ul
RT: 16.580 min Scan# 2984
Delta R.T. -0.007 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10

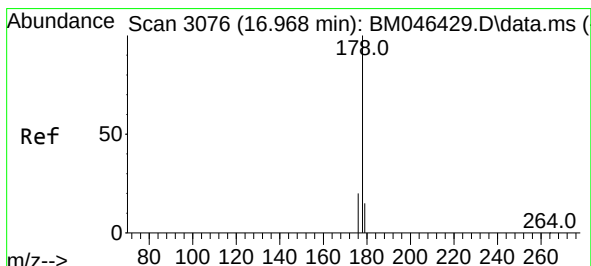
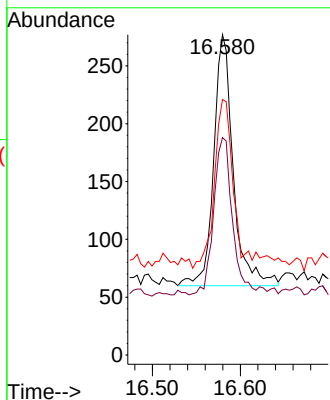
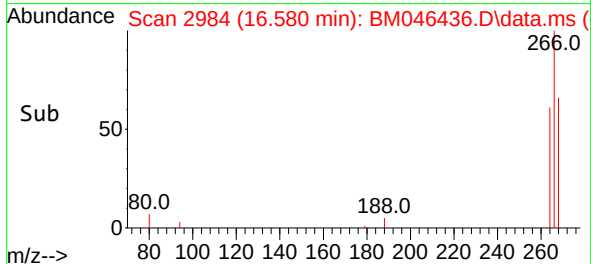
Instrument :
BNA_M
ClientSampleId :
A4CS9



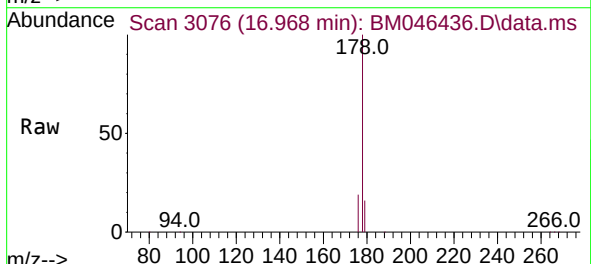
Tgt Ion:266 Resp: 335
Ion Ratio Lower Upper
266 100
264 61.8 51.0 76.6
268 69.9 50.8 76.2

Manual Integrations
APPROVED

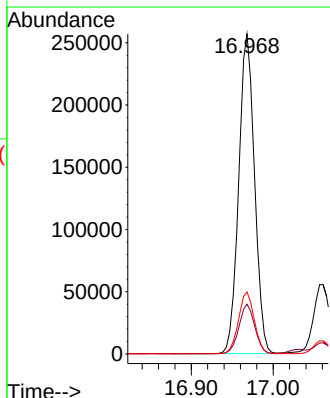
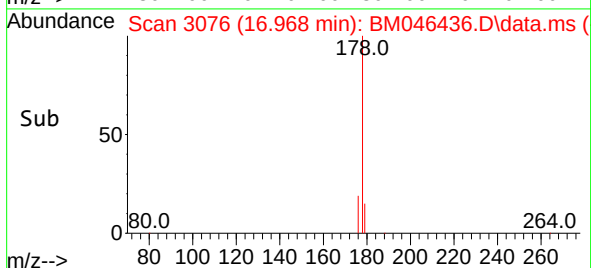
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

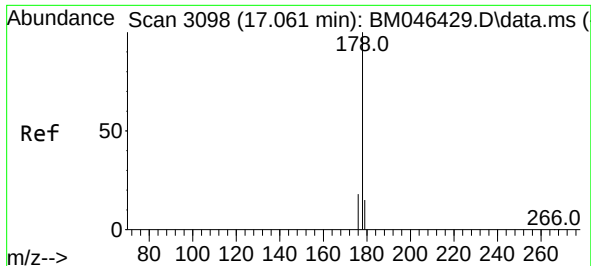


#15
Phenanthrene
Concen: 5.207 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.007 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10



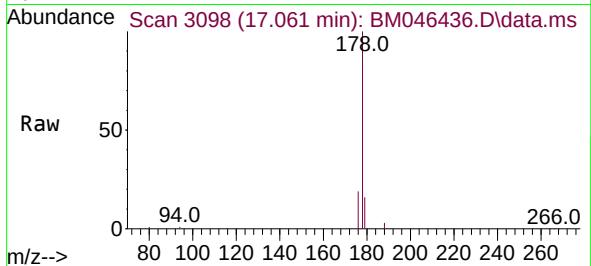
Tgt Ion:178 Resp: 345348
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.4 16.0 24.0





#16
Anthracene
Concen: 1.187 ng/ul
RT: 17.061 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10

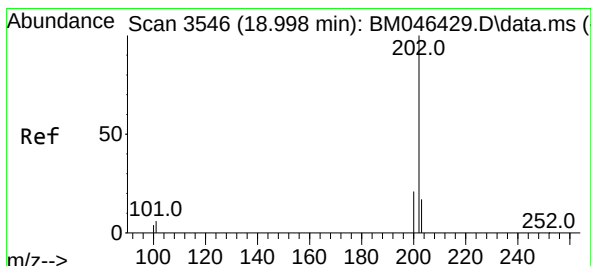
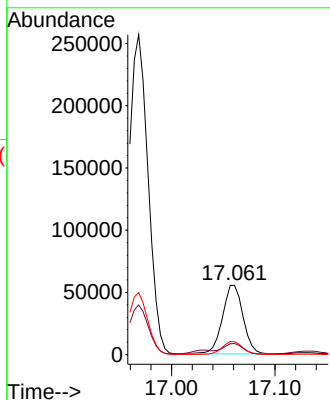
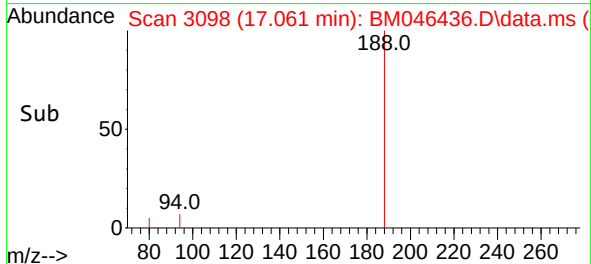
Instrument :
BNA_M
ClientSampleId :
A4CS9



Tgt Ion:178 Resp: 76345
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 18.8 14.9 22.3

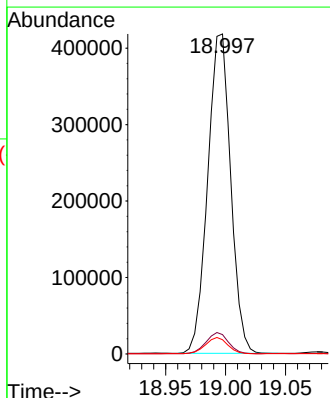
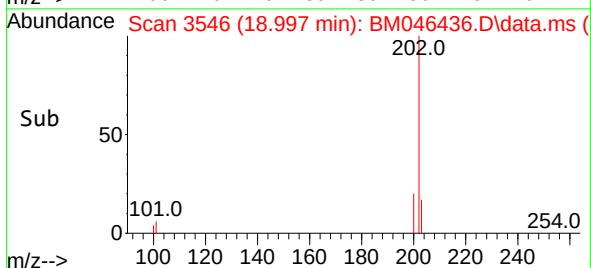
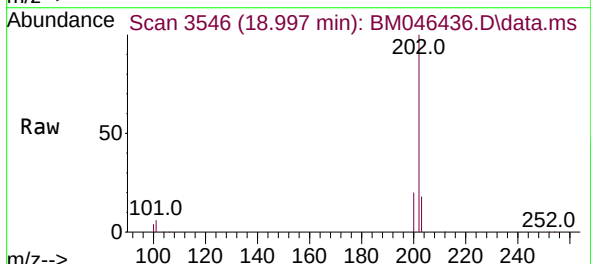
Manual Integrations
APPROVED

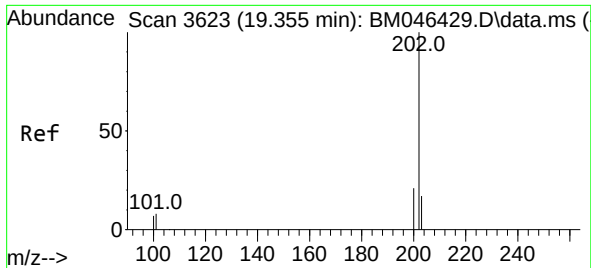
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#19
Fluoranthene
Concen: 10.475 ng/ul
RT: 18.997 min Scan# 3546
Delta R.T. -0.008 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10

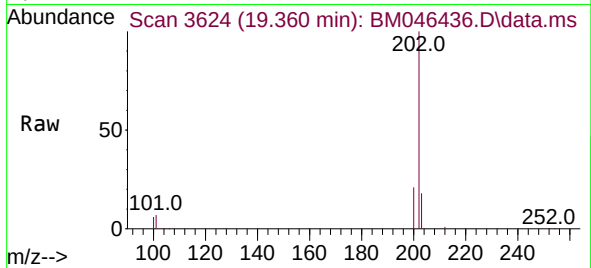
Tgt Ion:202 Resp: 557115
Ion Ratio Lower Upper
202 100
101 6.1 6.3 9.5#
100 4.5 5.0 7.6#





#20
Pyrene
Concen: 7.335 ng/ul
RT: 19.360 min Scan# 30
Delta R.T. -0.003 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10

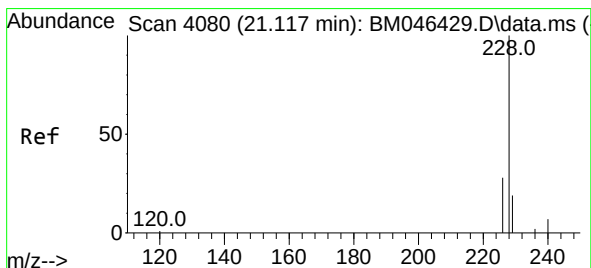
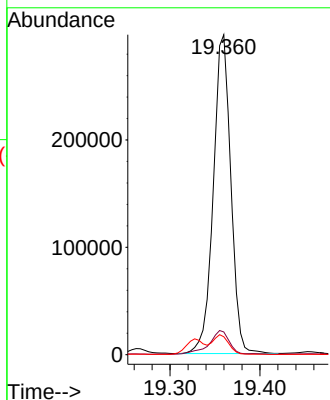
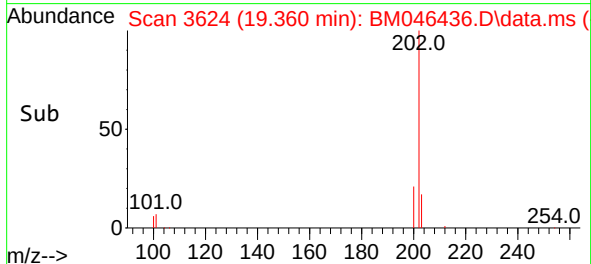
Instrument :
BNA_M
ClientSampleId :
A4CS9



Tgt Ion:202 Resp: 401408
Ion Ratio Lower Upper
202 100
101 7.1 8.2 12.4
100 5.6 6.9 10.3

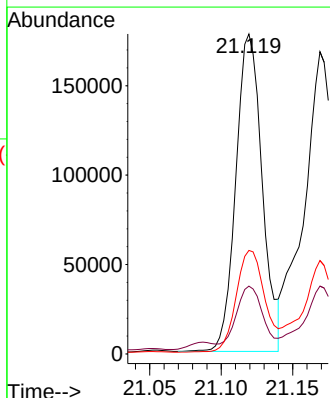
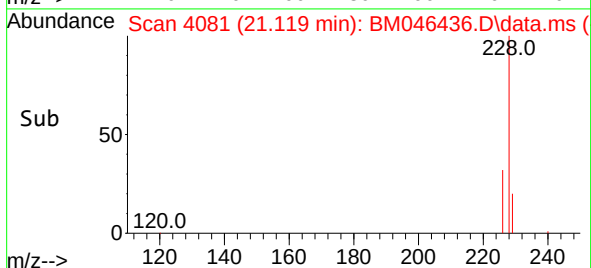
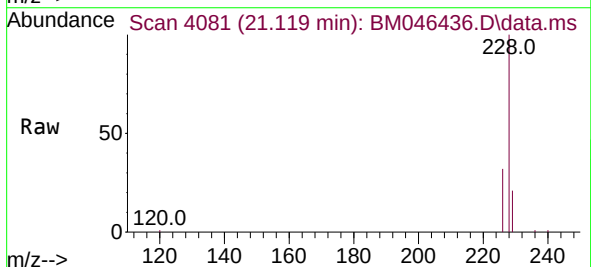
Manual Integrations
APPROVED

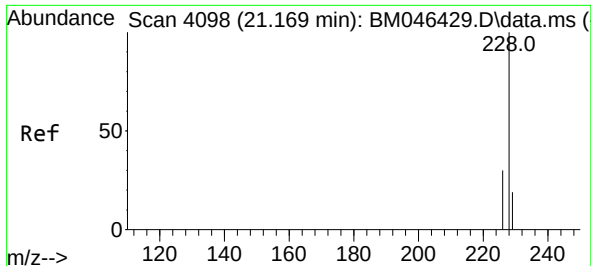
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#21
Benzo(a)anthracene
Concen: 4.850 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10

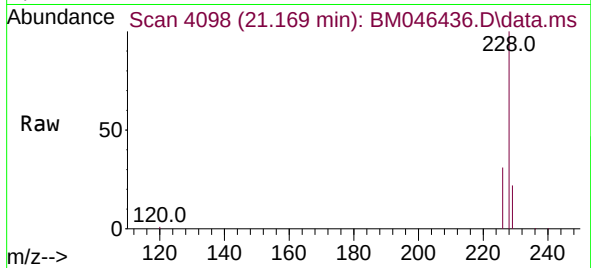
Tgt Ion:228 Resp: 228021
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 32.4 22.0 33.0





#22
Chrysene
Concen: 5.292 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.009 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10

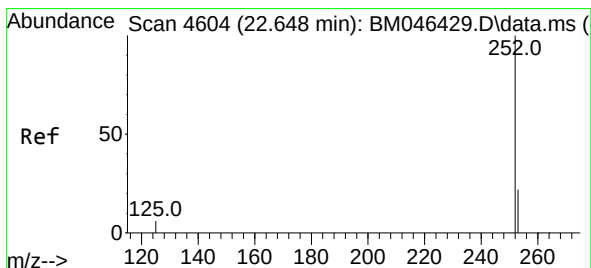
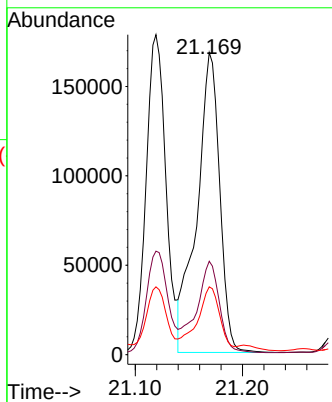
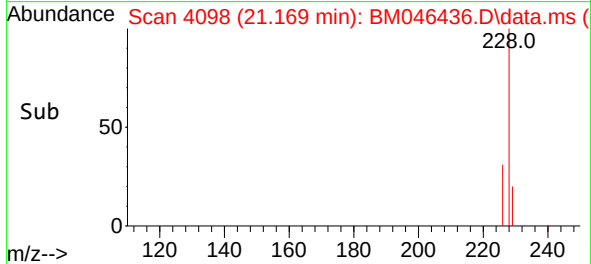
Instrument :
BNA_M
ClientSampleId :
A4CS9



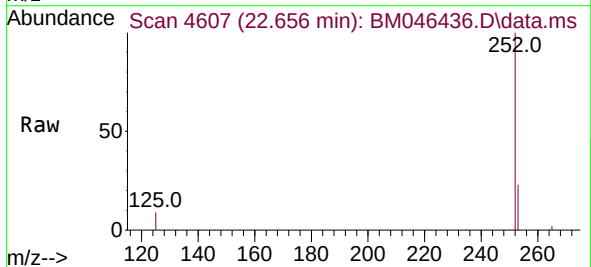
Tgt Ion:228 Resp: 247369
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 22.4 15.8 23.6

Manual Integrations
APPROVED

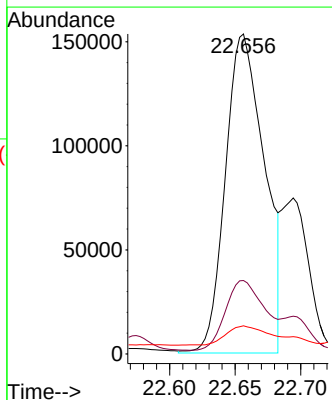
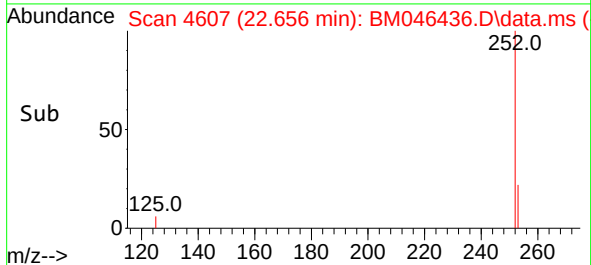
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

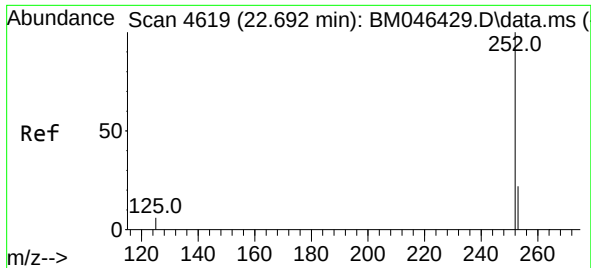


#24
Benzo(b)fluoranthene
Concen: 6.648 ng/ul m
RT: 22.656 min Scan# 4607
Delta R.T. -0.006 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10



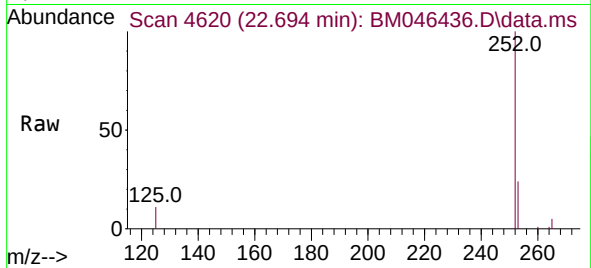
Tgt Ion:252 Resp: 317556
Ion Ratio Lower Upper
252 100
253 22.9 0.0 47.0
125 8.8 0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 2.211 ng/ul m
RT: 22.694 min Scan# 4619
Delta R.T. -0.012 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10

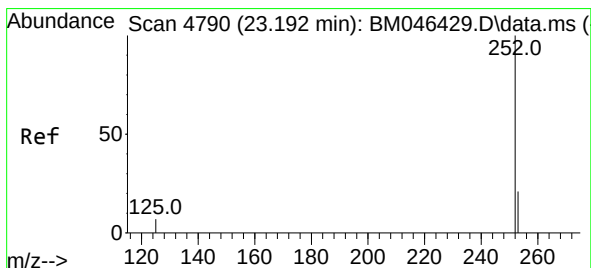
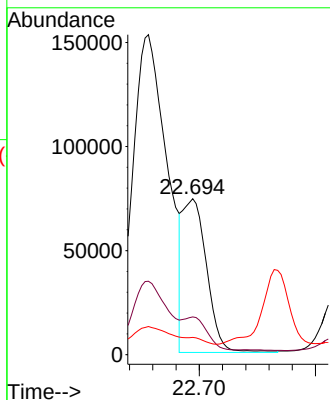
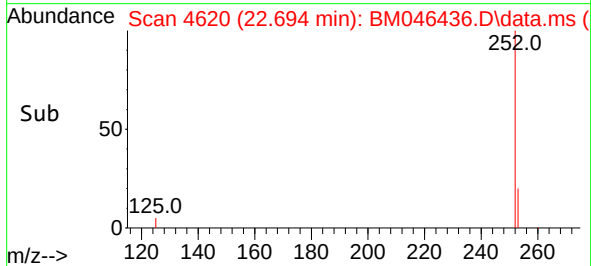
Instrument :
BNA_M
ClientSampleId :
A4CS9



Tgt Ion:252 Resp: 106592
Ion Ratio Lower Upper
252 100
253 24.2 18.4 27.6
125 11.1 7.5 11.3

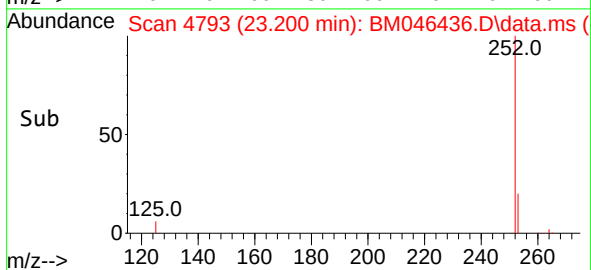
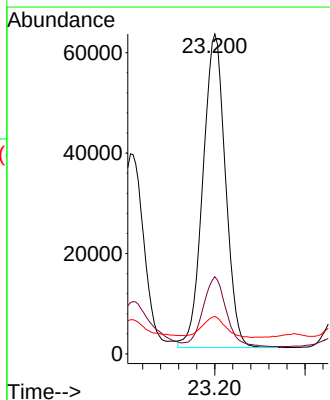
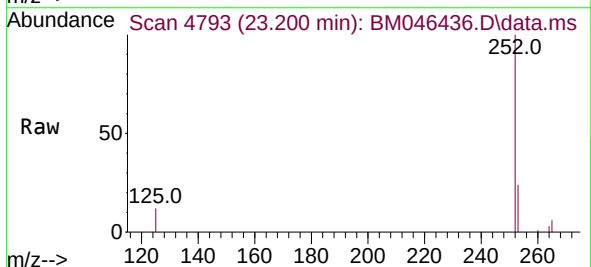
Manual Integrations
APPROVED

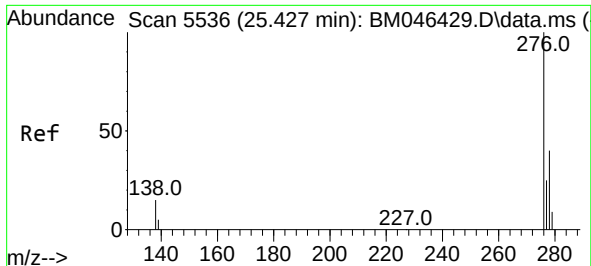
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#26
Benzo(a)pyrene
Concen: 2.858 ng/ul
RT: 23.200 min Scan# 4793
Delta R.T. -0.009 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10

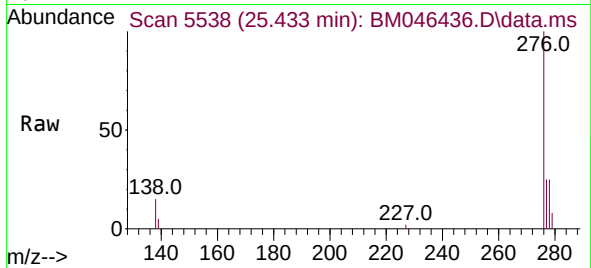
Tgt Ion:252 Resp: 107881
Ion Ratio Lower Upper
252 100
253 24.1 18.9 28.3
125 11.7 8.1 12.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.412 ng/ul
RT: 25.433 min Scan# 5538
Delta R.T. -0.014 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10

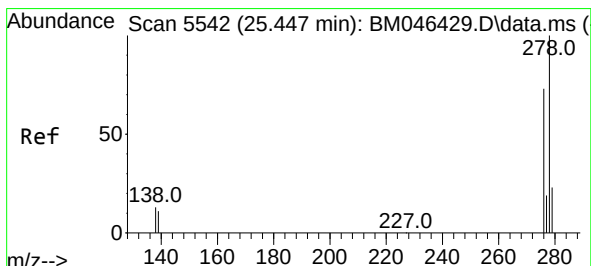
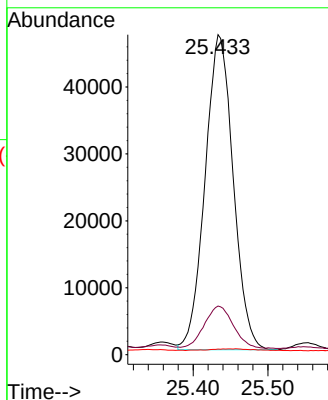
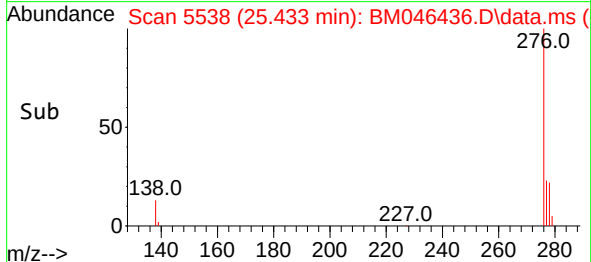
Instrument :
BNA_M
ClientSampleId :
A4CS9



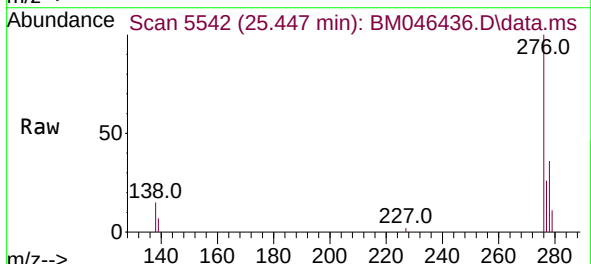
Tgt Ion:276 Resp: 123000
Ion Ratio Lower Upper
276 100
138 13.7 15.7 23.5
227 0.0 0.1 0.1

Manual Integrations
APPROVED

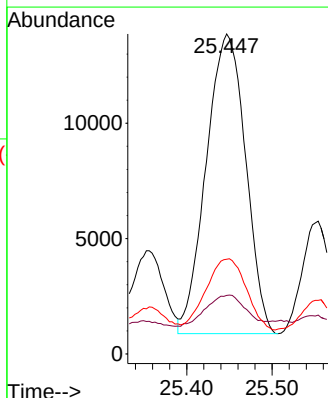
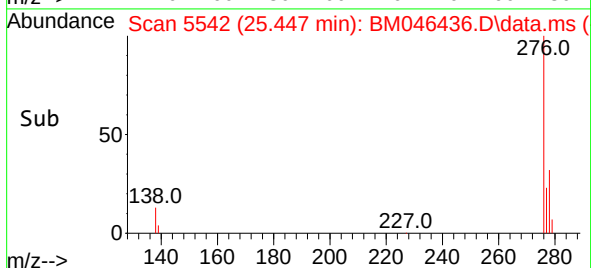
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

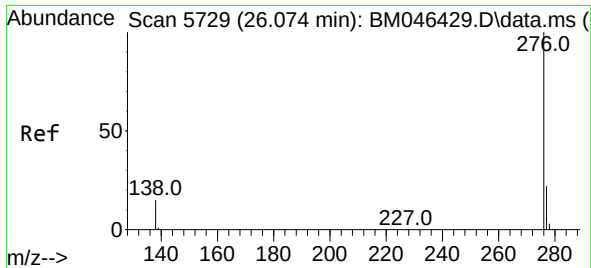


#28
Dibenzo(a,h)anthracene
Concen: 1.054 ng/ul
RT: 25.447 min Scan# 5542
Delta R.T. -0.027 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10



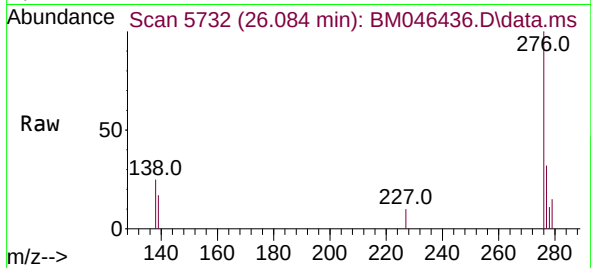
Tgt Ion:278 Resp: 41602
Ion Ratio Lower Upper
278 100
139 18.3 12.6 18.8
279 29.6 20.7 31.1





#29
Benzo(g,h,i)perylene
Concen: 0.469 ng/ul
RT: 26.084 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046436.D
Acq: 08 Jul 2024 15:10

Instrument :
BNA_M
ClientSampleId :
A4CS9



Tgt Ion:276 Resp: 1905
Ion Ratio Lower Upper
276 100
138 25.2 15.4 23.0
277 32.2 19.7 29.5

Manual Integrations
APPROVED

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

