

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046435.D
 Acq On : 08 Jul 2024 14:33
 Operator : MA/JU
 Sample : P3010-12DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B65DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 15:45:16 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	7151	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	19718	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.174	164	11902	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.926	188	22648	0.400	ng/ul	-0.01
17) Chrysene-d12	21.131	240	13639	0.400	ng/ul	-0.01
23) Perylene-d12	23.285	264	14714	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3308	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	1234	0.042	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	2151	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	4001	0.076	ng/ul	94
7) 2-Methylnaphthalene	11.970	142	2100	0.059	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	1886	0.052	ng/ul	100
10) Acenaphthylene	13.892	152	4268	0.071	ng/ul	95
11) Acenaphthene	14.238	153	12392	0.315	ng/ul	99
12) Fluorene	15.233	166	16137	0.347	ng/ul	100
15) Phenanthrene	16.968	178	282597	4.167	ng/ul	98
16) Anthracene	17.057	178	52786	0.802	ng/ul	99
19) Fluoranthene	18.993	202	406143	5.891	ng/ul#	96
20) Pyrene	19.355	202	250368	3.530	ng/ul#	94
21) Benzo(a)anthracene	21.117	228	152791	2.507	ng/ul	98
22) Chrysene	21.166	228	148217	2.446	ng/ul	98
24) Benzo(b)fluoranthene	22.648	252	167255m	2.674	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	61504m	0.974	ng/ul	
26) Benzo(a)pyrene	23.192	252	58077	1.175	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.427	276	49027	0.734	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.433	278	18639	0.361	ng/ul#	92
29) Benzo(g,h,i)perylene	26.074	276	6848	0.129	ng/ul#	84

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

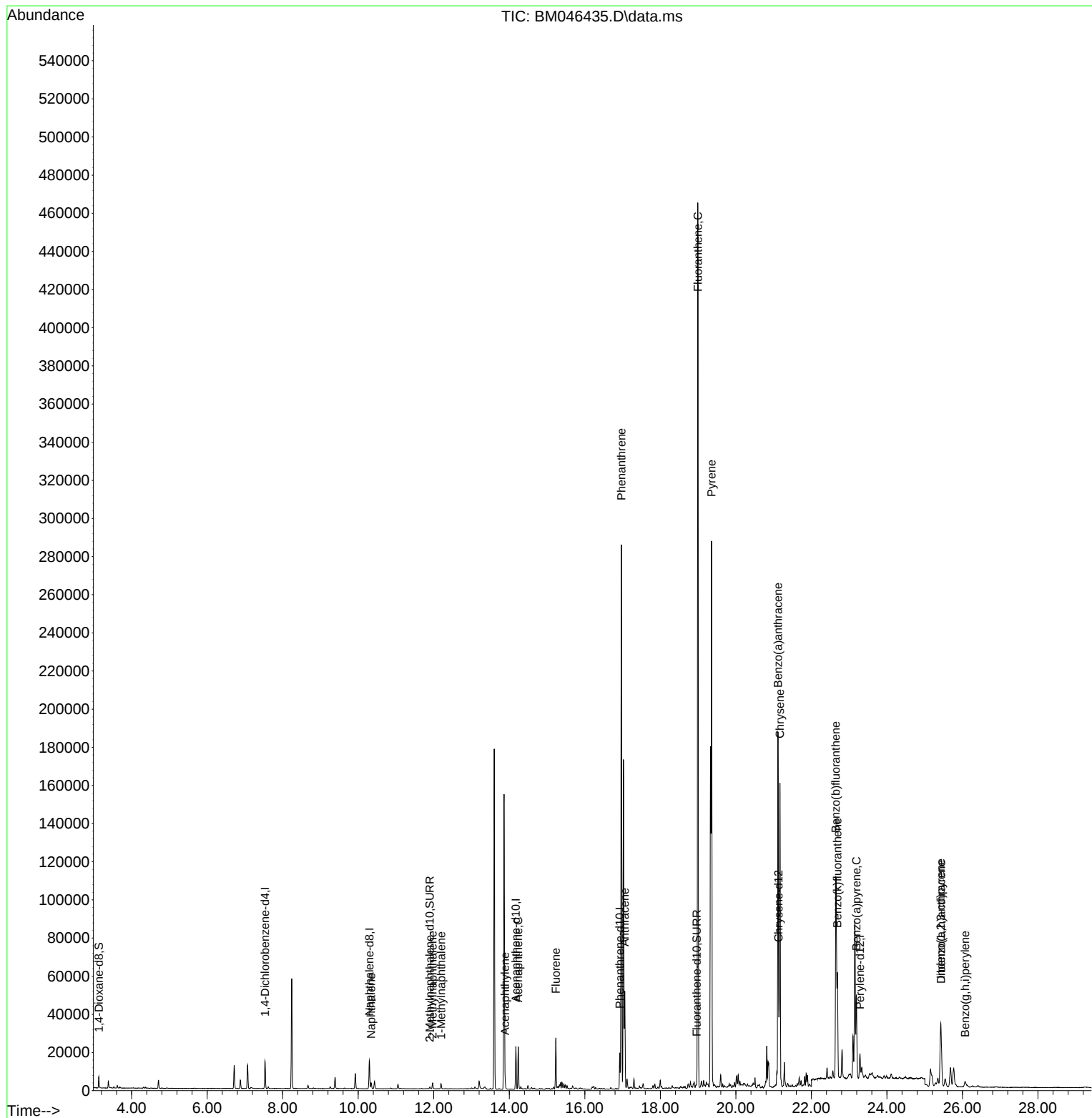
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046435.D
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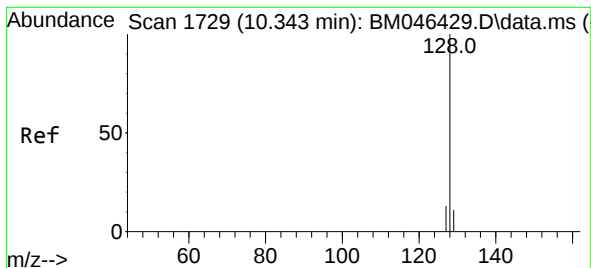
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Response via : Initial Calibration





#5

Naphthalene

Concen: 0.076 ng/ul

RT: 10.343 min Scan# 1729

Delta R.T. -0.009 min

Lab File: BM046435.D

Acq: 08 Jul 2024 14:33

Instrument :

BNA_M

ClientSampleId :

A4B65DL

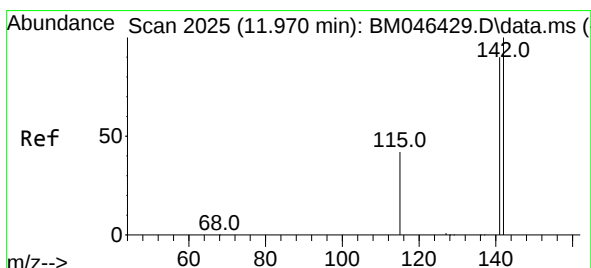
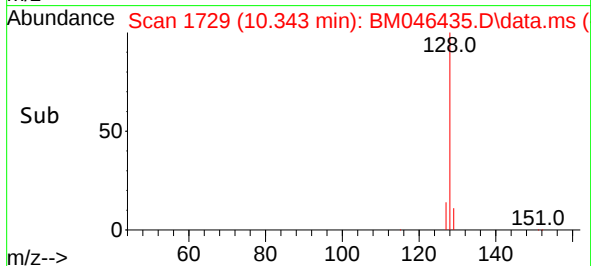
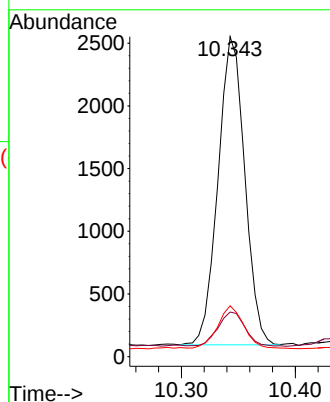
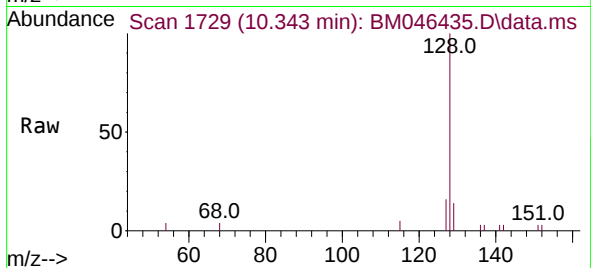
Tgt Ion:128	Resp:	400
Ion Ratio	Lower	Upper
128	100	
129	13.9	9.4 14.0
127	15.9	10.8 16.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#7

2-Methylnaphthalene

Concen: 0.059 ng/ul

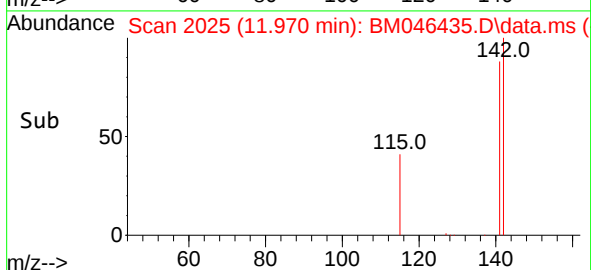
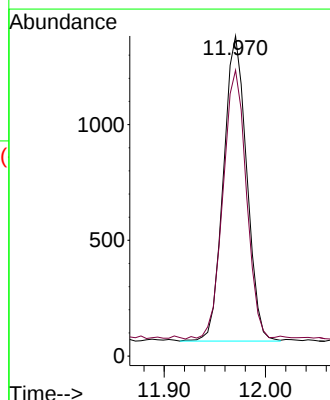
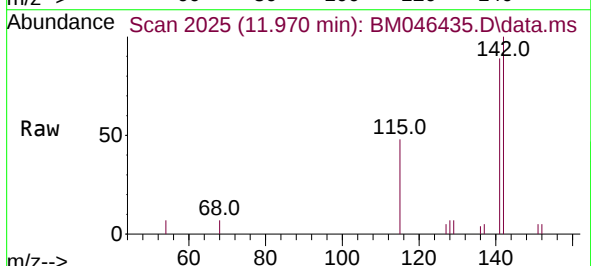
RT: 11.970 min Scan# 2025

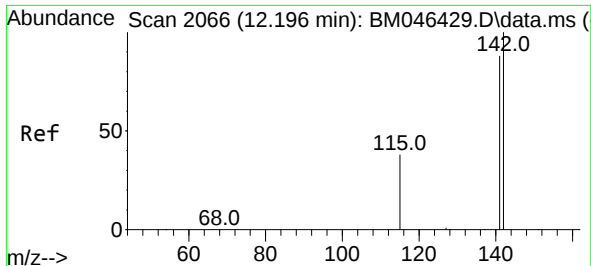
Delta R.T. -0.009 min

Lab File: BM046435.D

Acq: 08 Jul 2024 14:33

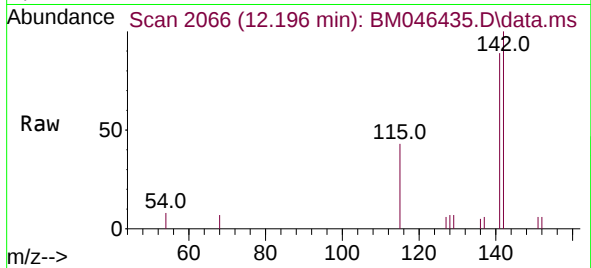
Tgt Ion:142	Resp:	2100
Ion Ratio	Lower	Upper
142	100	
141	88.4	69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

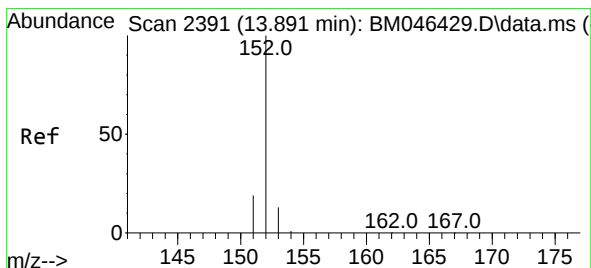
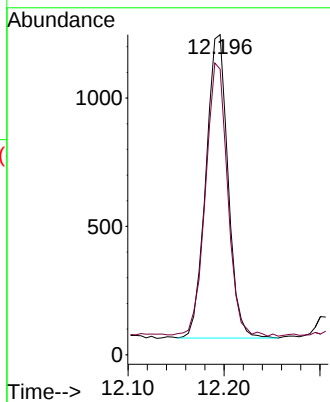
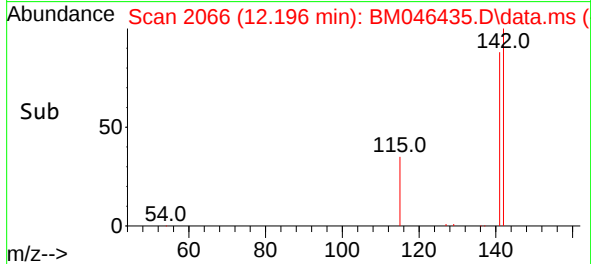
Instrument :
BNA_M
ClientSampleId :
A4B65DL



Tgt Ion:142 Resp: 1880
Ion Ratio Lower Upper
142 100
141 90.2 72.4 108.6

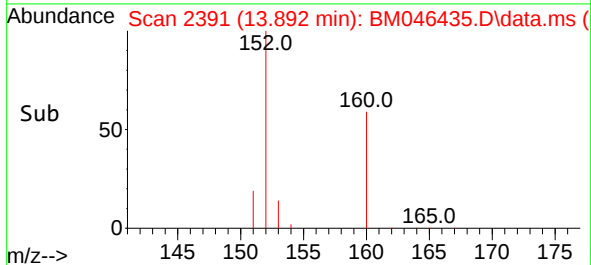
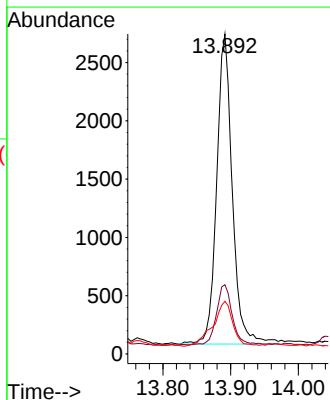
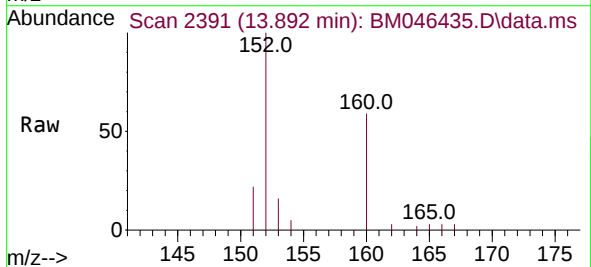
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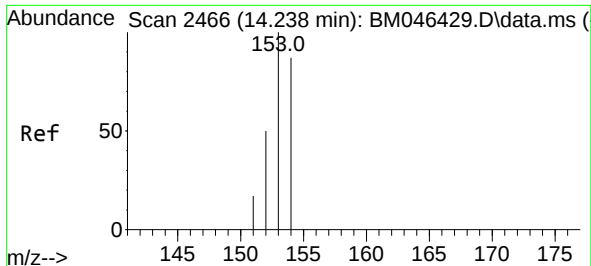
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.008 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

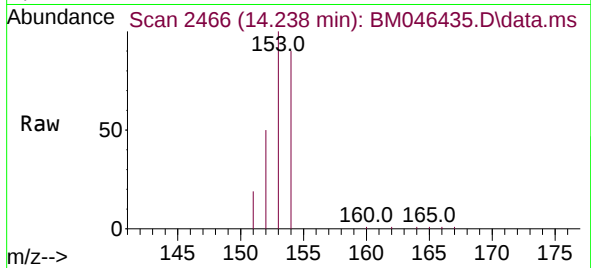
Tgt Ion:152 Resp: 4268
Ion Ratio Lower Upper
152 100
151 21.6 15.9 23.9
153 16.5 11.0 16.6





#11
Acenaphthene
Concen: 0.315 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

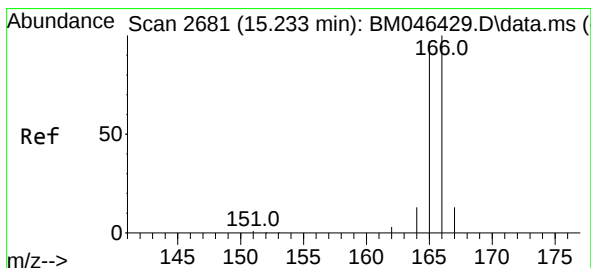
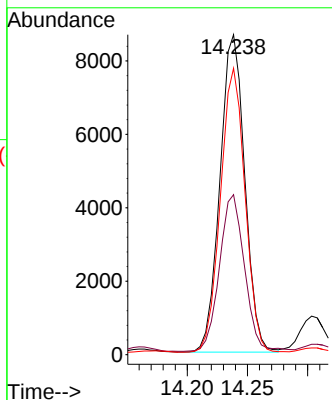
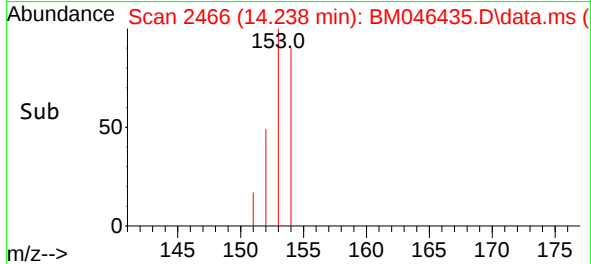
Instrument :
BNA_M
ClientSampleId :
A4B65DL



Tgt Ion:153 Resp: 12392
Ion Ratio Lower Upper
153 100
152 50.0 40.4 60.6
154 89.5 72.1 108.1

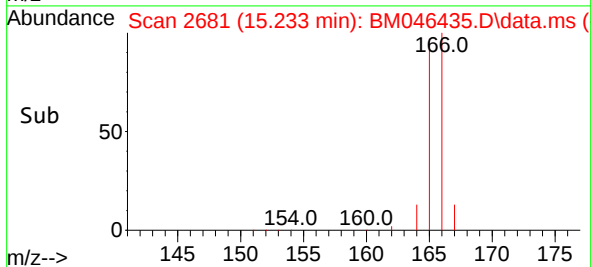
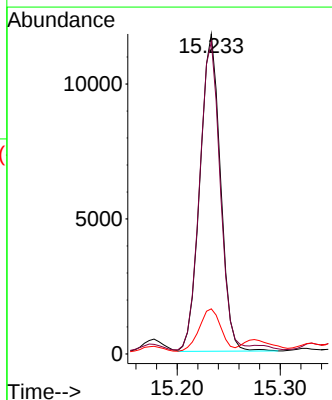
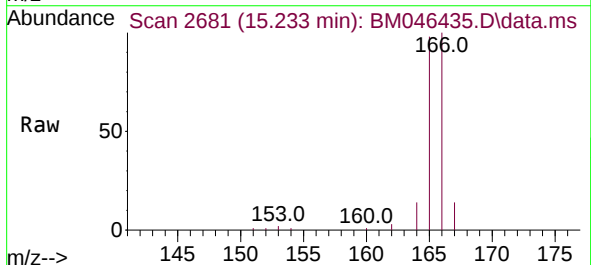
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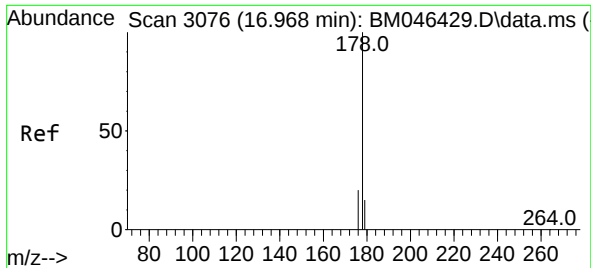
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#12
Fluorene
Concen: 0.347 ng/ul
RT: 15.233 min Scan# 2681
Delta R.T. -0.008 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

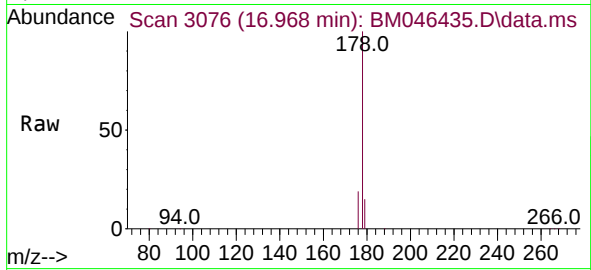
Tgt Ion:166 Resp: 16137
Ion Ratio Lower Upper
166 100
165 97.6 78.0 117.0
167 14.1 11.4 17.0





#15
Phenanthrene
Concen: 4.167 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.007 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

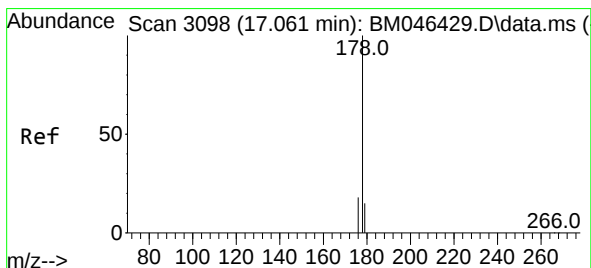
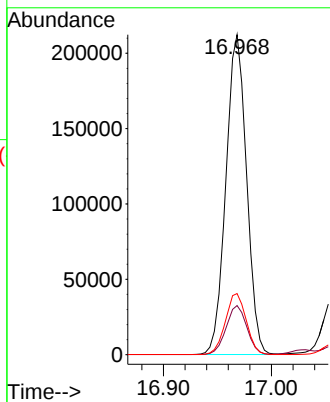
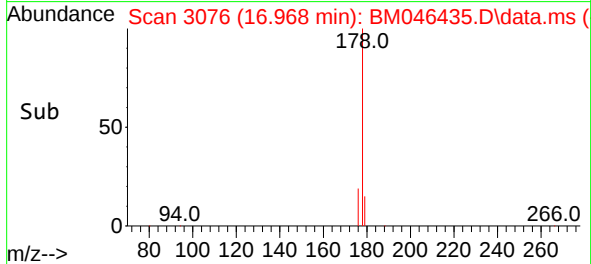
Instrument :
BNA_M
ClientSampleId :
A4B65DL



Tgt Ion:178 Resp: 28259
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.1 16.0 24.0

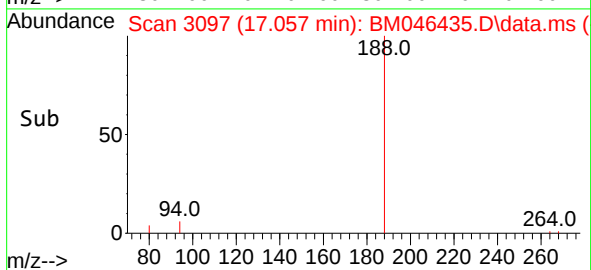
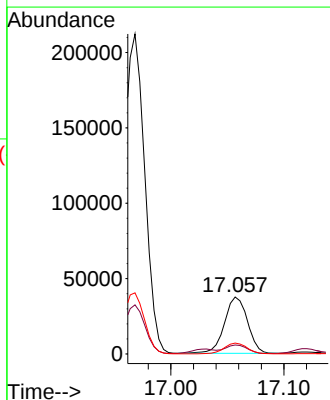
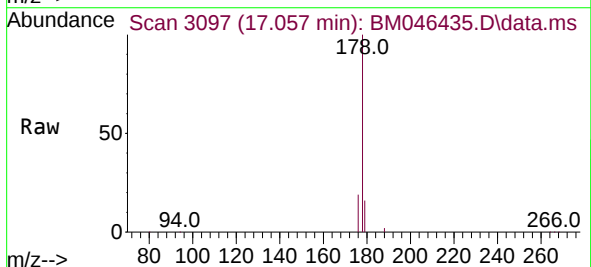
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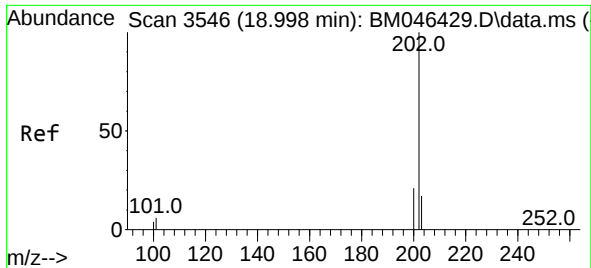
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#16
Anthracene
Concen: 0.802 ng/ul
RT: 17.057 min Scan# 3097
Delta R.T. -0.011 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

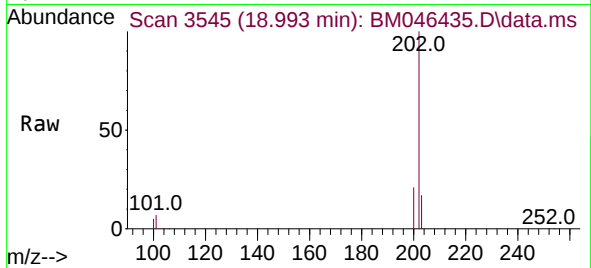
Tgt Ion:178 Resp: 52786
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.2 14.9 22.3





#19
Fluoranthene
Concen: 5.891 ng/ul
RT: 18.993 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

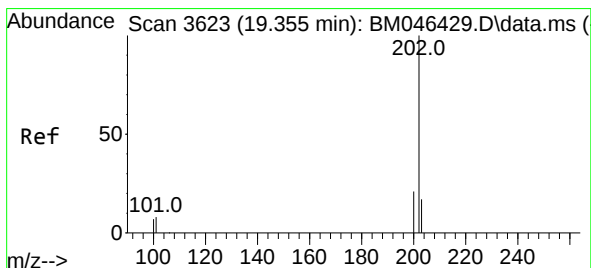
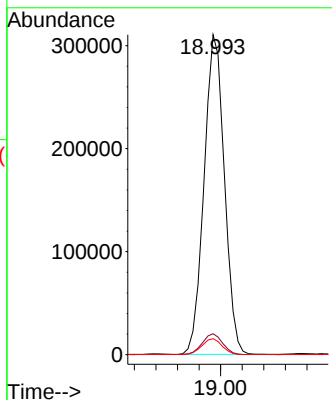
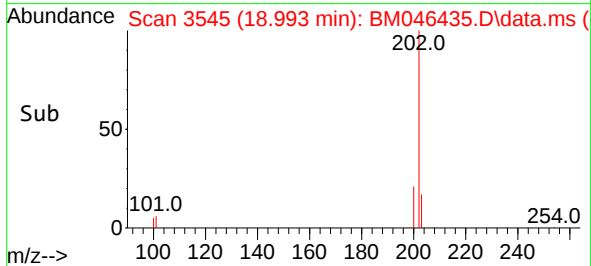
Instrument :
BNA_M
ClientSampleId :
A4B65DL



Tgt Ion:202 Resp: 40614
Ion Ratio Lower Upper
202 100
101 6.5 6.3 9.5
100 5.0 5.0 7.6

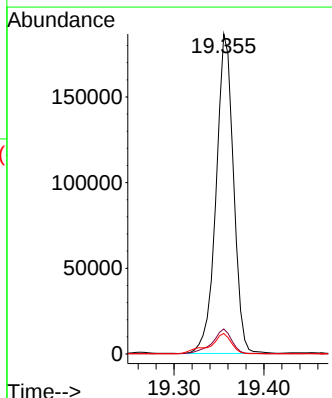
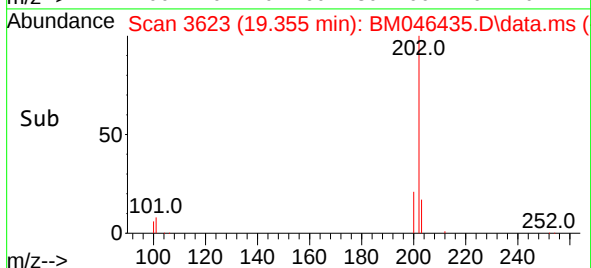
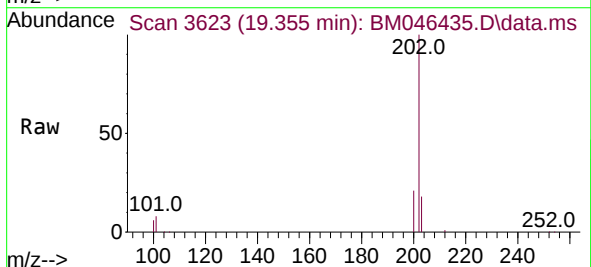
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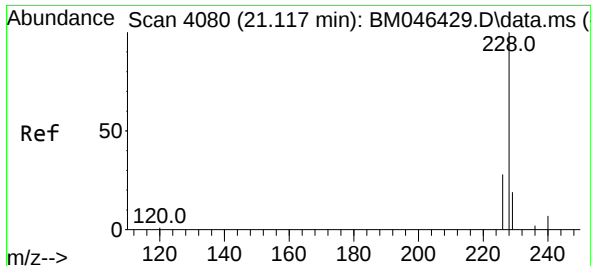
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#20
Pyrene
Concen: 3.530 ng/ul
RT: 19.355 min Scan# 3623
Delta R.T. -0.008 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

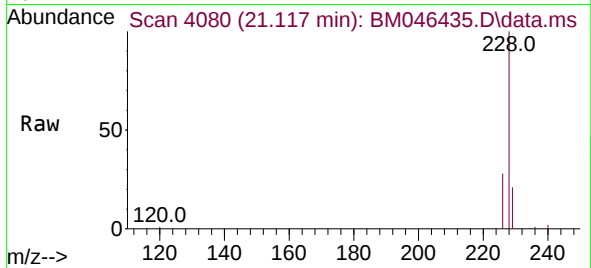
Tgt Ion:202 Resp: 250368
Ion Ratio Lower Upper
202 100
101 7.8 8.2 12.4#
100 6.4 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 2.507 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. -0.009 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

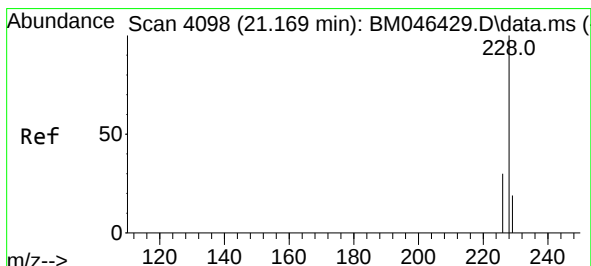
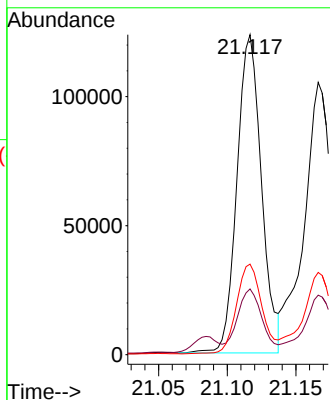
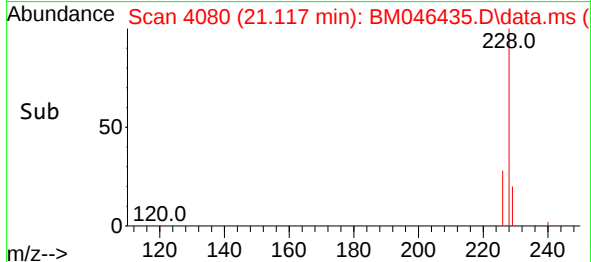
Instrument :
BNA_M
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A4B65DL



Tgt Ion:228 Resp: 15279
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 28.3 22.0 33.0

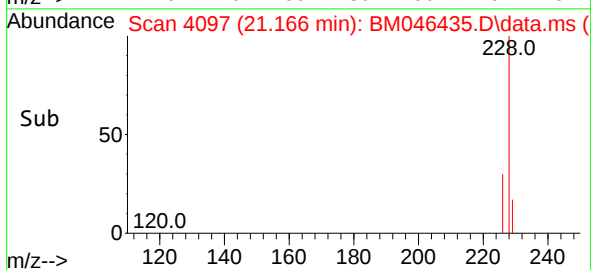
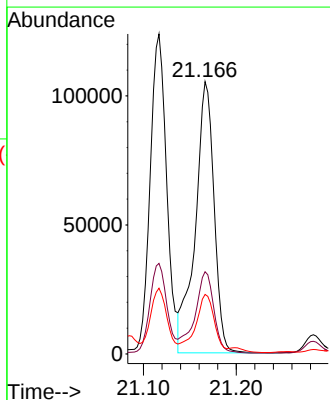
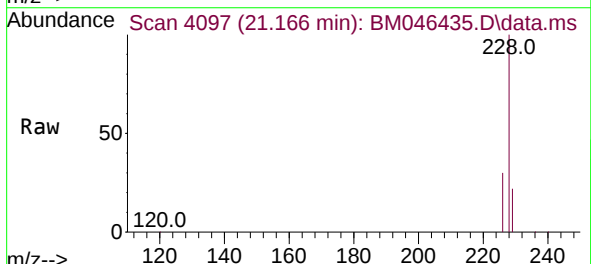
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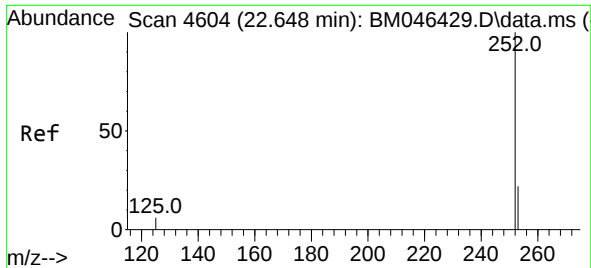
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#22
Chrysene
Concen: 2.446 ng/ul
RT: 21.166 min Scan# 4097
Delta R.T. -0.012 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

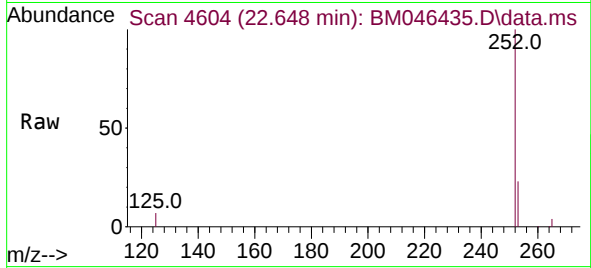
Tgt Ion:228 Resp: 148217
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.674 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. -0.015 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

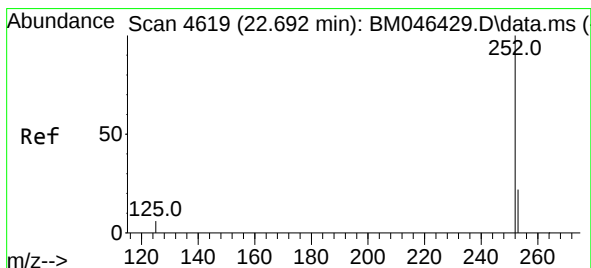
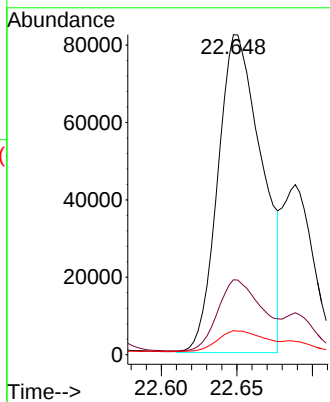
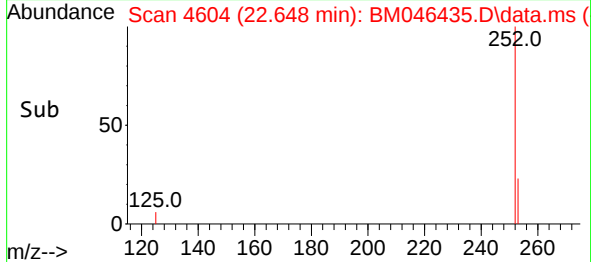
Instrument :
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ClientSampleId :
A4B65DL



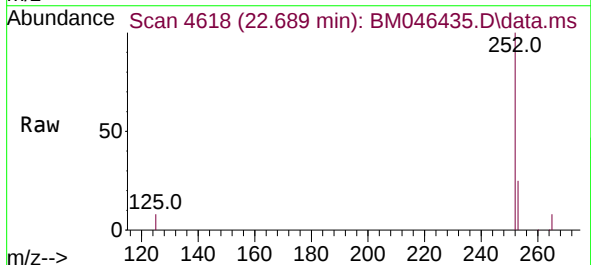
Tgt Ion:252 Resp: 16725
Ion Ratio Lower Upper
252 100
253 23.4 0.0 47.0
125 7.5 0.0 18.4

Manual Integrations
APPROVED

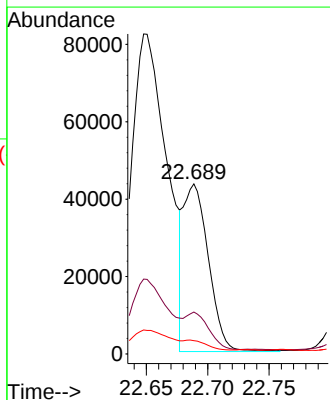
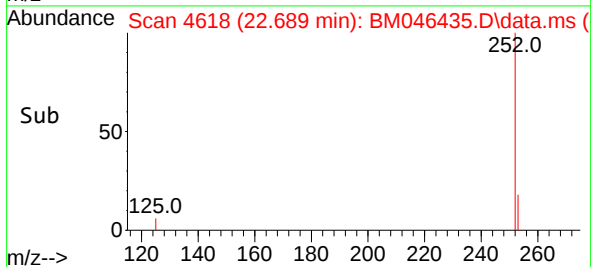
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

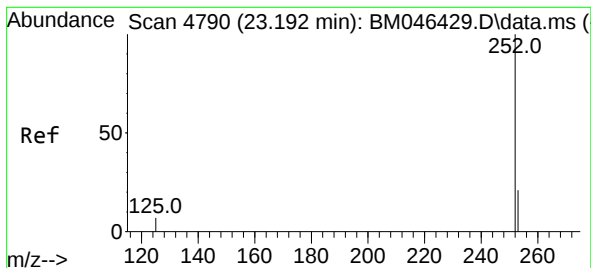


#25
Benzo(k)fluoranthene
Concen: 0.974 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.018 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33



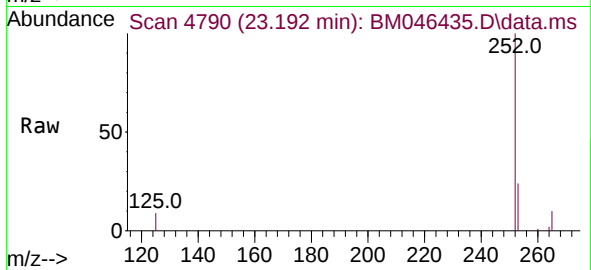
Tgt Ion:252 Resp: 61504
Ion Ratio Lower Upper
252 100
253 24.6 18.4 27.6
125 7.8 7.5 11.3





#26
Benzo(a)pyrene
Concen: 1.175 ng/ul
RT: 23.192 min Scan# 4790
Delta R.T. -0.018 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

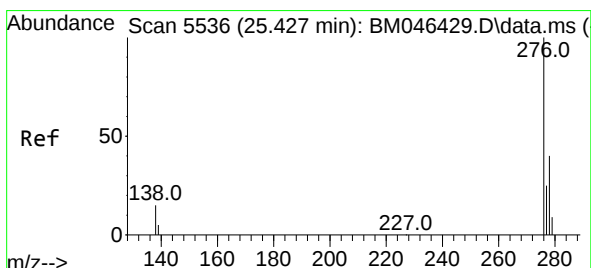
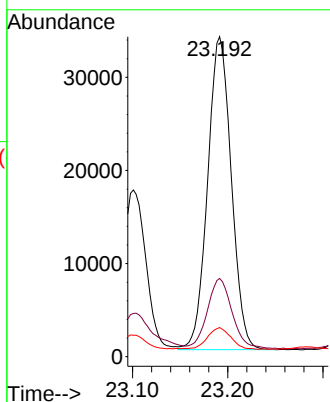
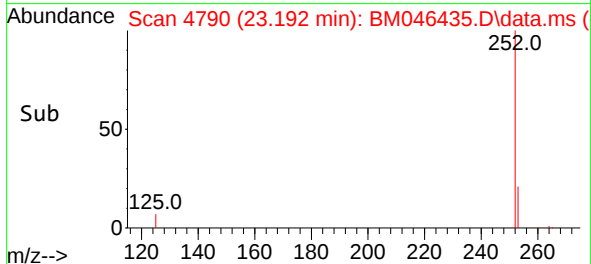
Instrument :
BNA_M
ClientSampleId :
A4B65DL



Tgt Ion:252 Resp: 5807
Ion Ratio Lower Upper
252 100
253 24.5 18.9 28.3
125 9.1 8.1 12.1

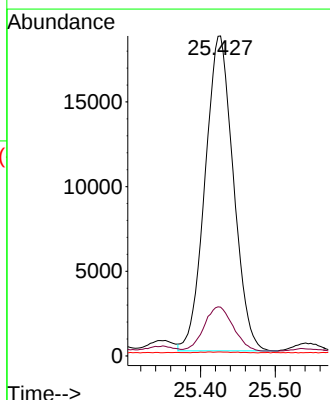
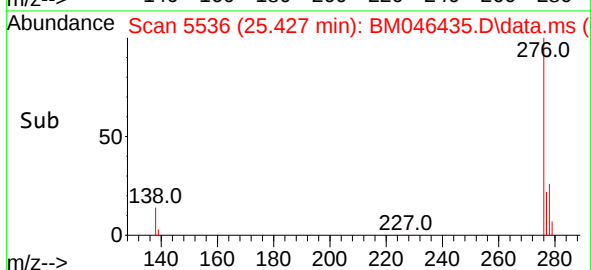
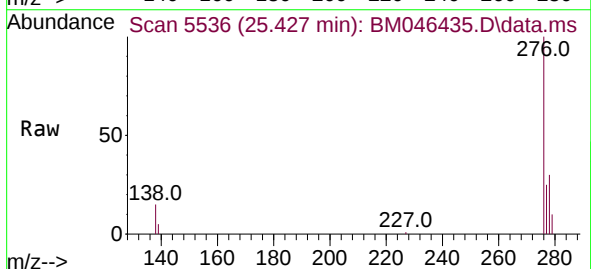
Manual Integrations
APPROVED

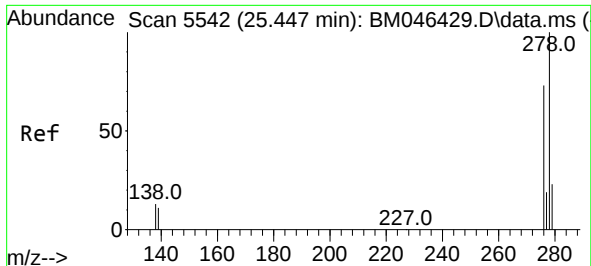
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.734 ng/ul
RT: 25.427 min Scan# 5536
Delta R.T. -0.020 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

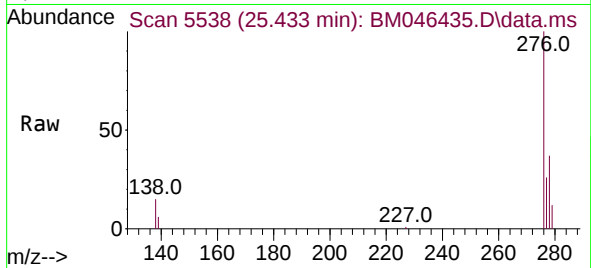
Tgt Ion:276 Resp: 49027
Ion Ratio Lower Upper
276 100
138 14.4 15.7 23.5#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.361 ng/ul
RT: 25.433 min Scan# 5538
Delta R.T. -0.040 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

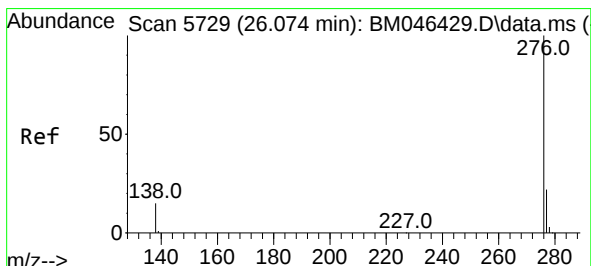
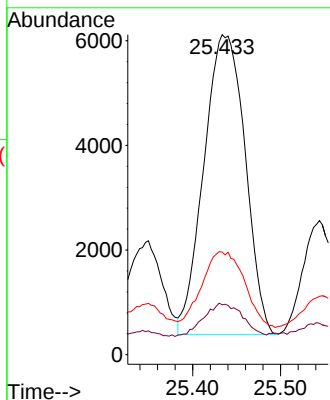
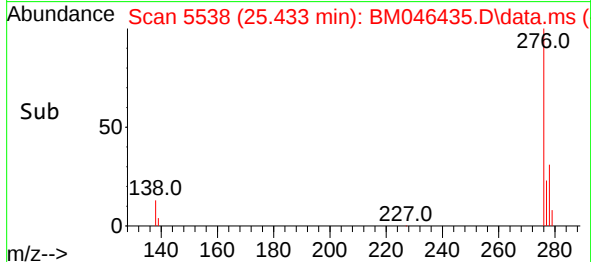
Instrument :
BNA_M
ClientSampleId :
A4B65DL



Tgt Ion:278 Resp: 18639
Ion Ratio Lower Upper
278 100
139 15.6 12.6 18.8
279 32.1 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: 0.129 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. -0.017 min
Lab File: BM046435.D
Acq: 08 Jul 2024 14:33

Tgt Ion:276 Resp: 6848
Ion Ratio Lower Upper
276 100
138 22.6 15.4 23.0
277 36.0 19.7 29.5

