

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046437.D
 Acq On : 08 Jul 2024 15:46
 Operator : MA/JU
 Sample : P3010-17DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B98DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 16:21:06 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	8299	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	23797	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.177	164	14438	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.929	188	26921	0.400	ng/ul	0.00
17) Chrysene-d12	21.132	240	13841	0.400	ng/ul	-0.01
23) Perylene-d12	23.285	264	14882	0.400	ng/ul #	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	4276	0.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	1797	0.051	ng/ul	0.00
18) Fluoranthene-d10	18.964	212	3048	0.063	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.347	128	5447	0.086	ng/ul	96
7) 2-Methylnaphthalene	11.969	142	2298	0.054	ng/ul	99
8) 1-Methylnaphthalene	12.194	142	2169	0.049	ng/ul	98
10) Acenaphthylene	13.895	152	35739	0.488	ng/ul	100
11) Acenaphthene	14.237	153	8922	0.187	ng/ul	99
12) Fluorene	15.232	166	14200	0.252	ng/ul	99
15) Phenanthrene	16.967	178	264581	3.282	ng/ul	98
16) Anthracene	17.060	178	81994	1.049	ng/ul	100
19) Fluoranthene	18.991	202	511421	7.310	ng/ul	98
20) Pyrene	19.354	202	410309	5.700	ng/ul#	94
21) Benzo(a)anthracene	21.117	228	220505	3.566	ng/ul	96
22) Chrysene	21.167	228	195771	3.184	ng/ul	98
24) Benzo(b)fluoranthene	22.651	252	217776m	3.442	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	79536m	1.245	ng/ul	
26) Benzo(a)pyrene	23.195	252	91293	1.826	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.424	276	74207	1.098	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.440	278	25005	0.478	ng/ul	94
29) Benzo(g,h,i)perylene	26.071	276	11580	0.215	ng/ul#	88

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

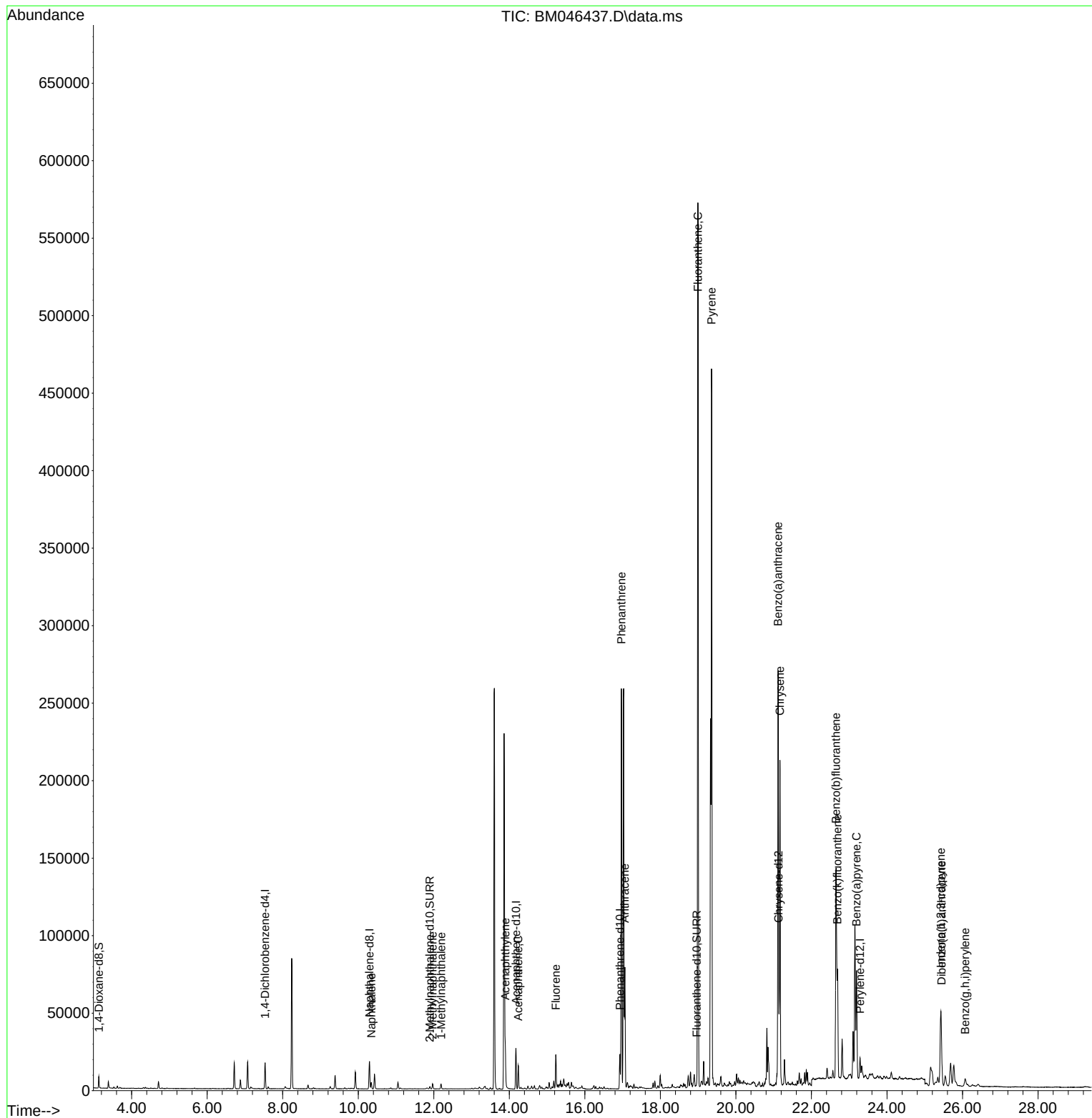
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046437.D
Acq On : 08 Jul 2024 15:46
Operator : MA/JU
Sample : P3010-17DL 5X
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ALS Vial : 9 Sample Multiplier: 1

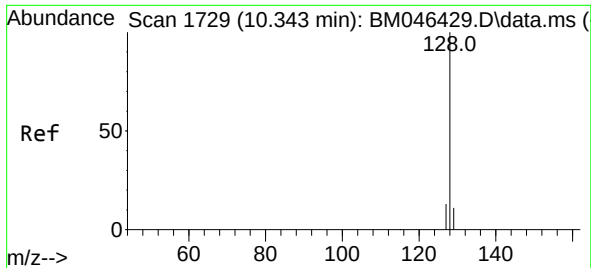
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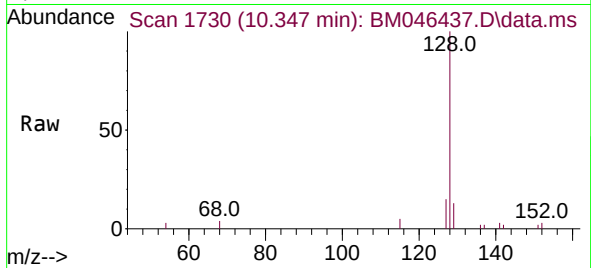
Quant Time: Jul 08 16:21:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.086 ng/ul
RT: 10.347 min Scan# 1729
Delta R.T. -0.005 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

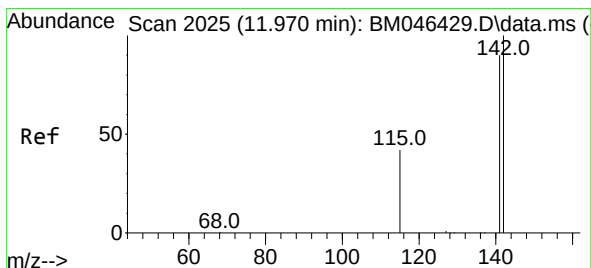
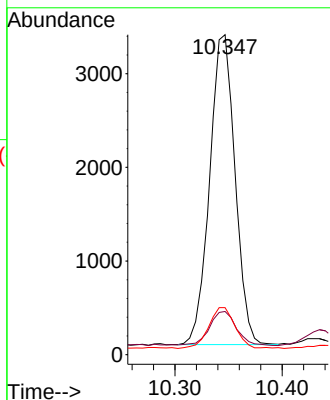
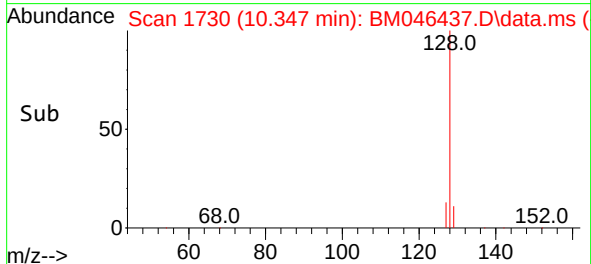
Instrument :
BNA_M
ClientSampleId :
A4B98DL



Tgt Ion:128 Resp: 544
Ion Ratio Lower Upper
128 100
129 13.5 9.4 14.0
127 14.7 10.8 16.2

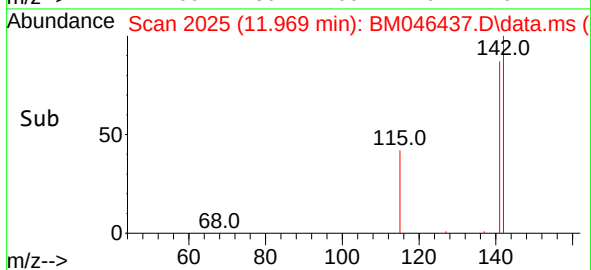
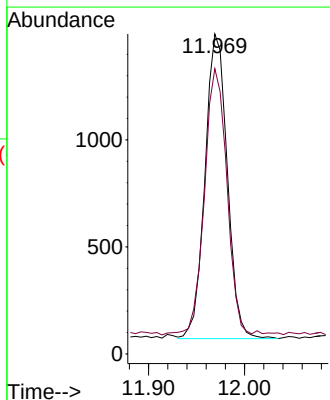
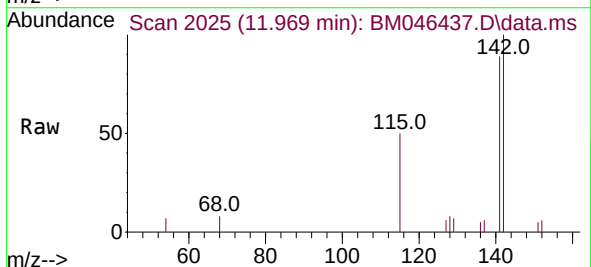
Manual Integrations
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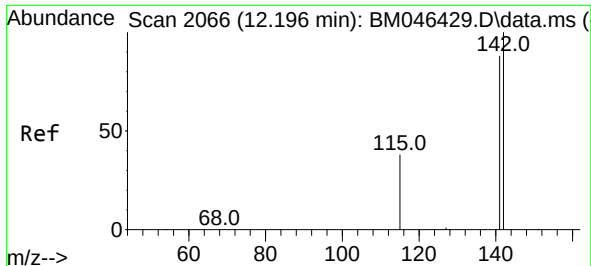
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 11.969 min Scan# 2025
Delta R.T. -0.011 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

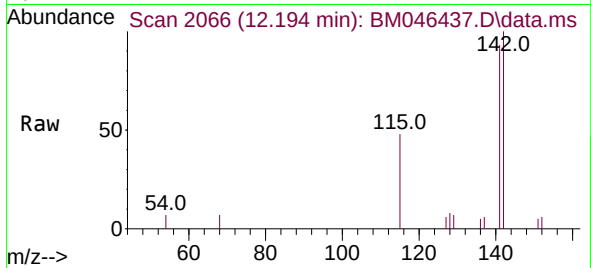
Tgt Ion:142 Resp: 2298
Ion Ratio Lower Upper
142 100
141 87.7 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.194 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

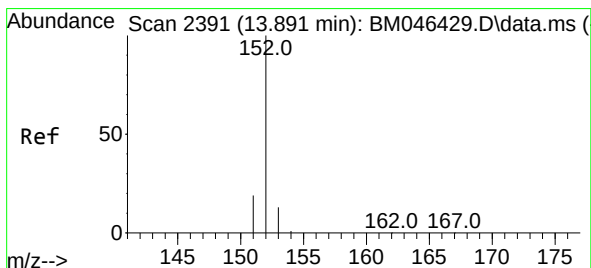
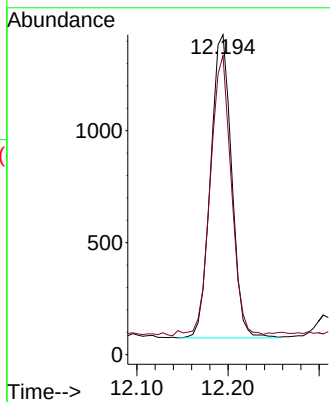
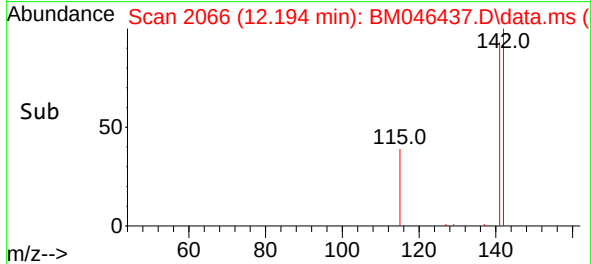
Instrument :
BNA_M
ClientSampleId :
A4B98DL



Tgt Ion:142 Resp: 2169
Ion Ratio Lower Upper
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141 92.4 72.4 108.6

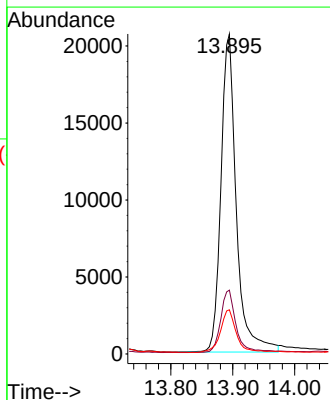
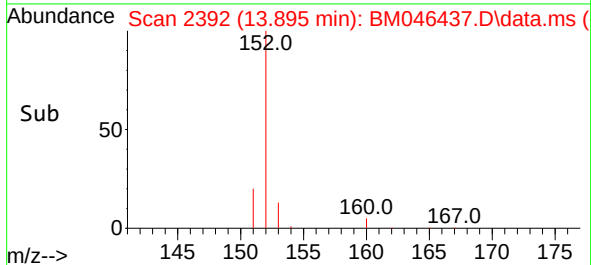
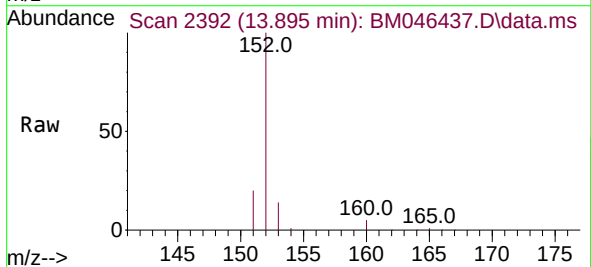
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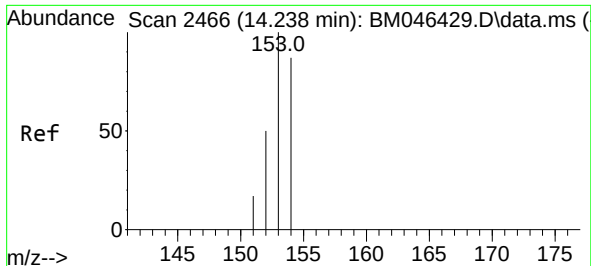
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#10
Acenaphthylene
Concen: 0.488 ng/ul
RT: 13.895 min Scan# 2392
Delta R.T. -0.005 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

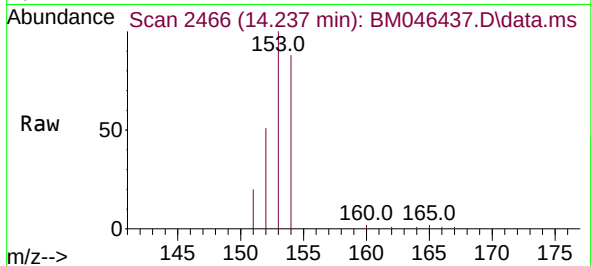
Tgt Ion:152 Resp: 35739
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.8 11.0 16.6





#11
Acenaphthene
Concen: 0.187 ng/ul
RT: 14.237 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

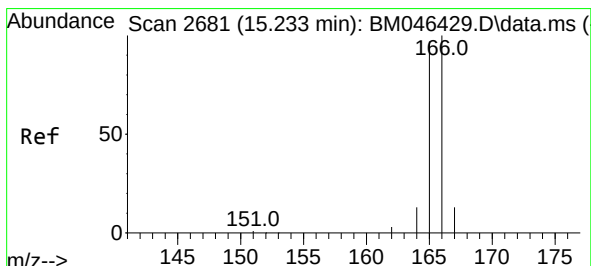
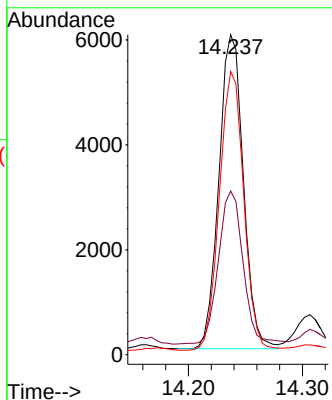
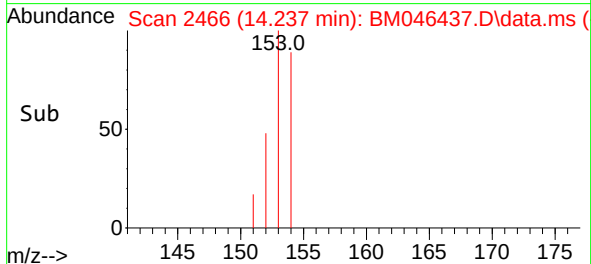
Instrument :
BNA_M
ClientSampleId :
A4B98DL



Tgt Ion:153 Resp: 892
Ion Ratio Lower Upper
153 100
152 51.1 40.4 60.6
154 88.5 72.1 108.1

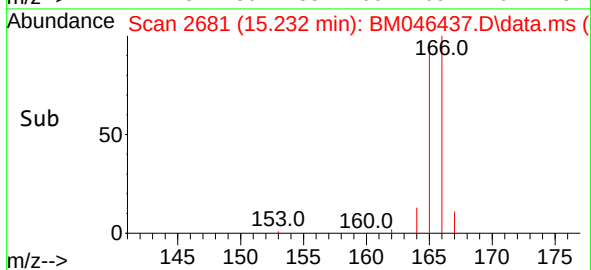
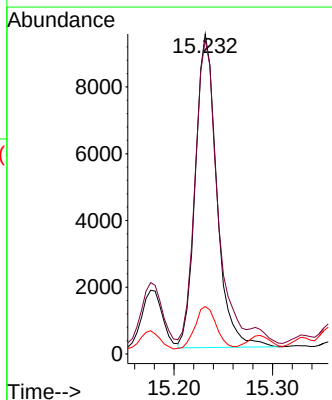
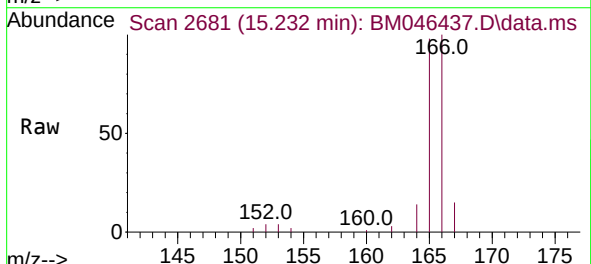
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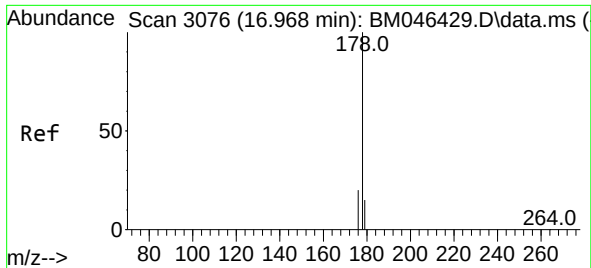
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#12
Fluorene
Concen: 0.252 ng/ul
RT: 15.232 min Scan# 2681
Delta R.T. -0.009 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

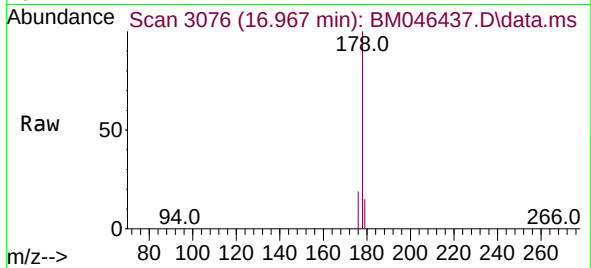
Tgt Ion:166 Resp: 14200
Ion Ratio Lower Upper
166 100
165 98.3 78.0 117.0
167 14.8 11.4 17.0





#15
Phenanthrene
Concen: 3.282 ng/ul
RT: 16.967 min Scan# 3076
Delta R.T. -0.008 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

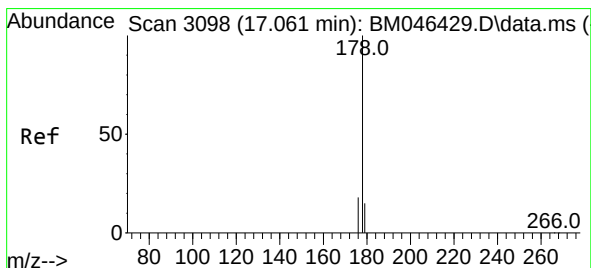
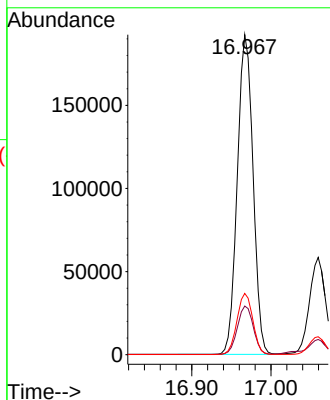
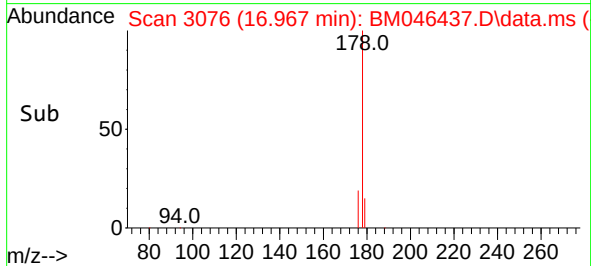
Instrument :
BNA_M
ClientSampleId :
A4B98DL



Tgt Ion:178 Resp: 26458
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.2 16.0 24.0

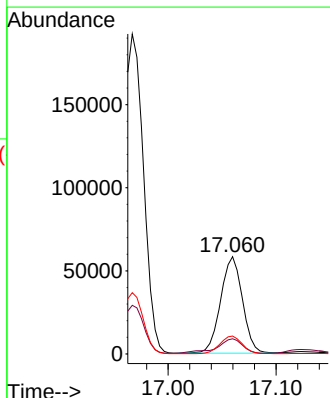
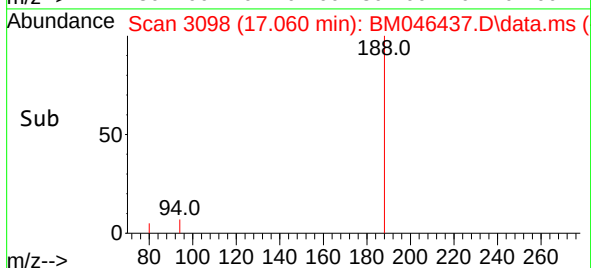
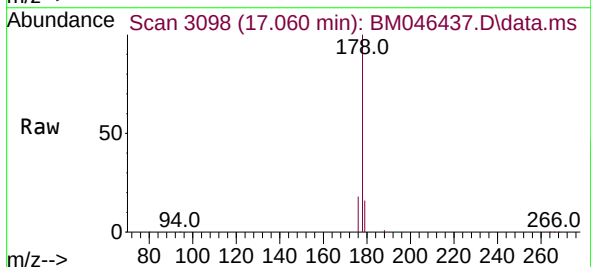
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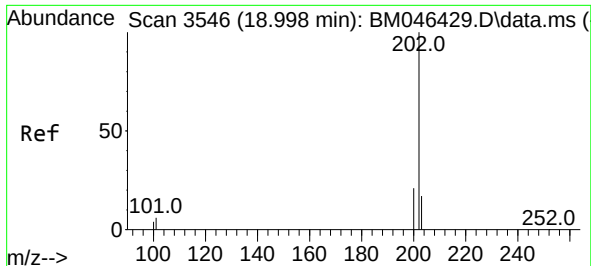
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#16
Anthracene
Concen: 1.049 ng/ul
RT: 17.060 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

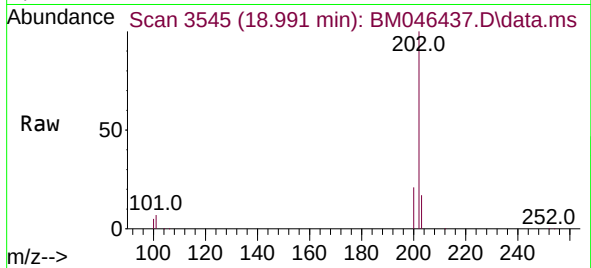
Tgt Ion:178 Resp: 81994
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 18.4 14.9 22.3





#19
Fluoranthene
Concen: 7.310 ng/ul
RT: 18.991 min Scan# 3545
Delta R.T. -0.014 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

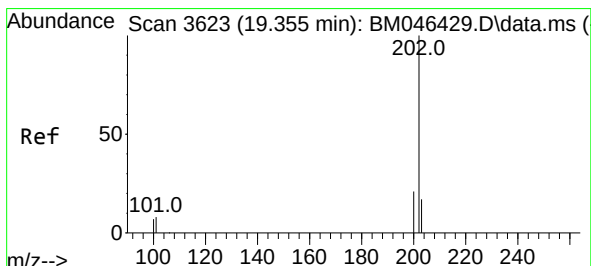
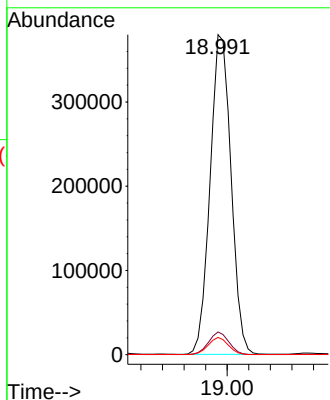
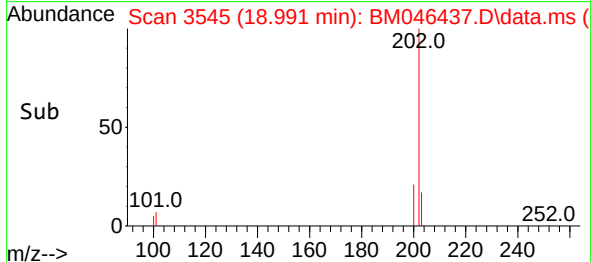
Instrument :
BNA_M
ClientSampleId :
A4B98DL



Tgt Ion:202 Resp: 51142
Ion Ratio Lower Upper
202 100
101 7.1 6.3 9.5
100 5.4 5.0 7.6

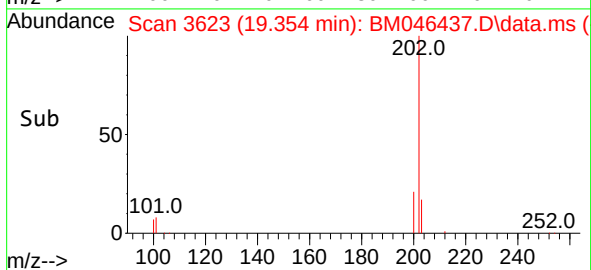
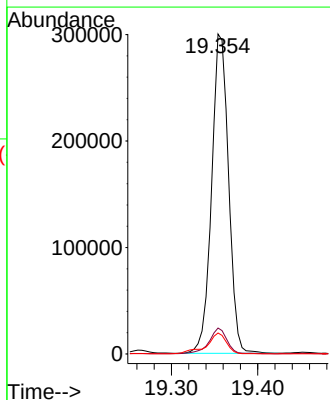
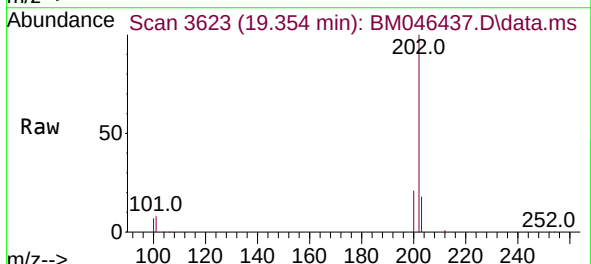
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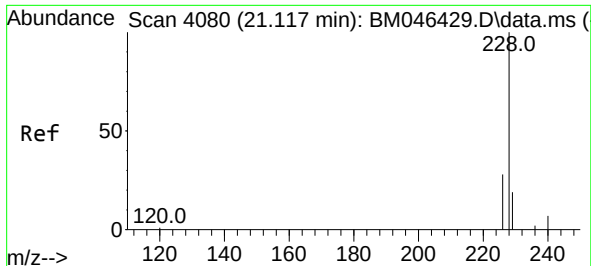
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#20
Pyrene
Concen: 5.700 ng/ul
RT: 19.354 min Scan# 3623
Delta R.T. -0.009 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

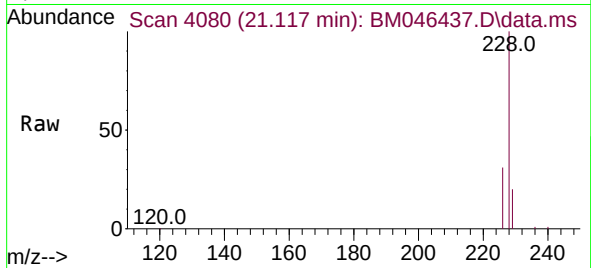
Tgt Ion:202 Resp: 410309
Ion Ratio Lower Upper
202 100
101 8.1 8.2 12.4#
100 6.6 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 3.566 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. -0.009 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

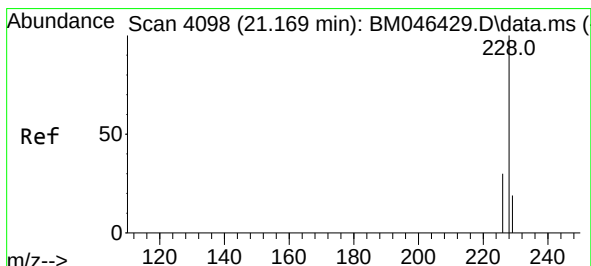
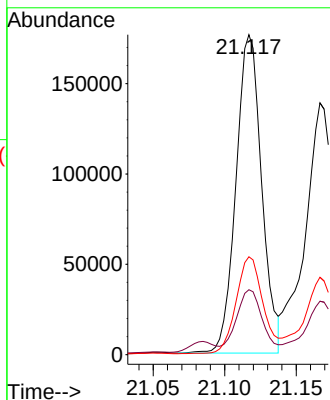
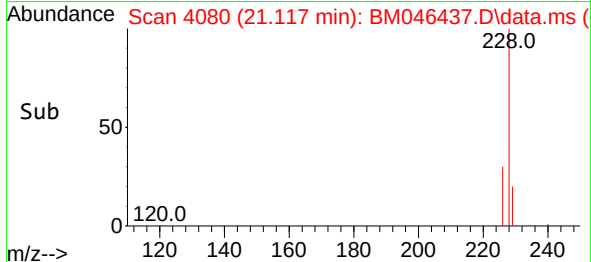
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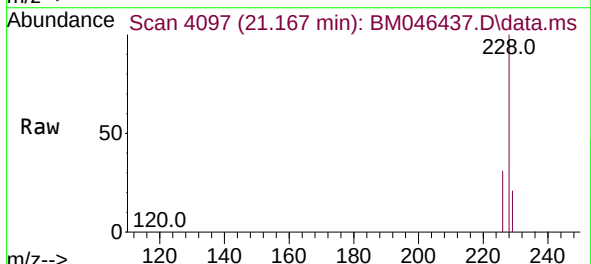
Tgt Ion:228 Resp: 220509
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 30.6 22.0 33.0

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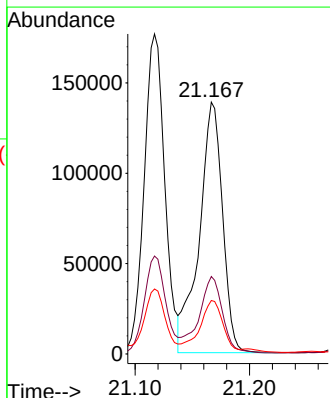
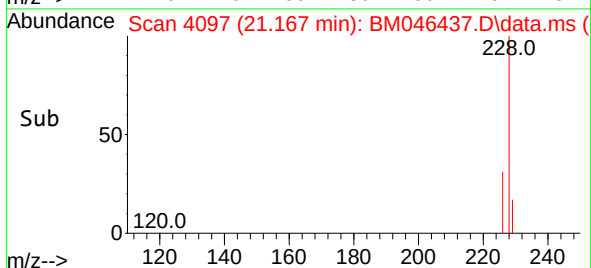
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

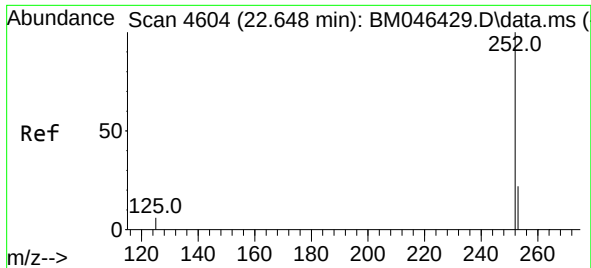


#22
Chrysene
Concen: 3.184 ng/ul
RT: 21.167 min Scan# 4097
Delta R.T. -0.012 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46



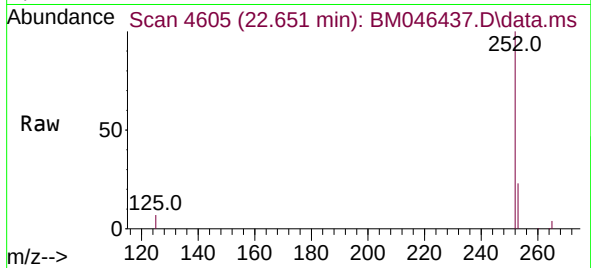
Tgt Ion:228 Resp: 195771
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 21.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.442 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

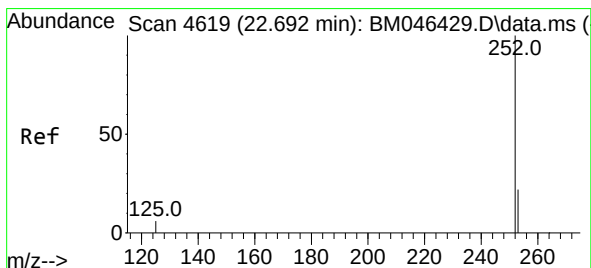
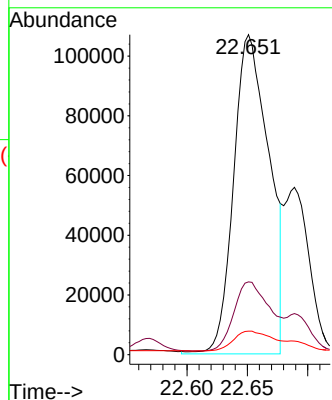
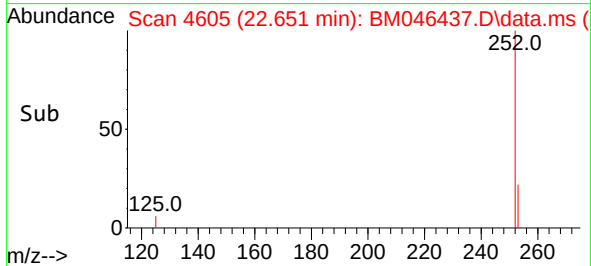
Instrument :
BNA_M
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A4B98DL



Tgt Ion:252 Resp: 217770
Ion Ratio Lower Upper
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253 22.8 0.0 47.0
125 7.4 0.0 18.4

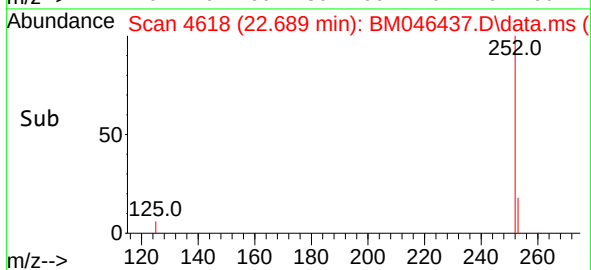
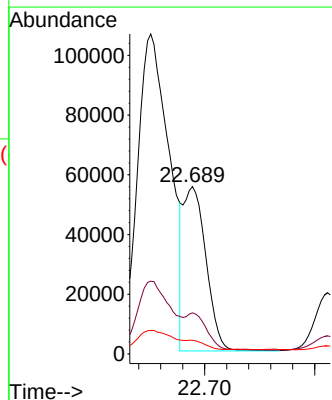
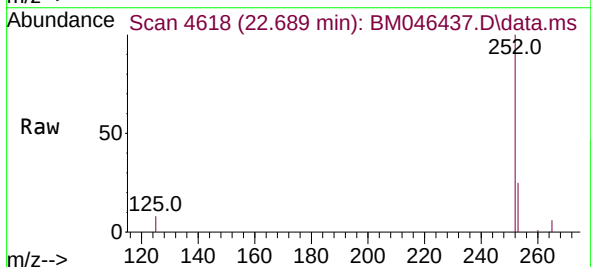
Manual Integrations
APPROVED

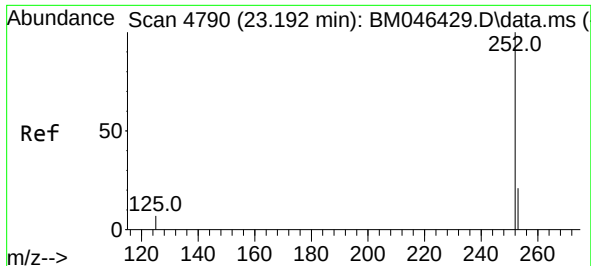
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#25
Benzo(k)fluoranthene
Concen: 1.245 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.017 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

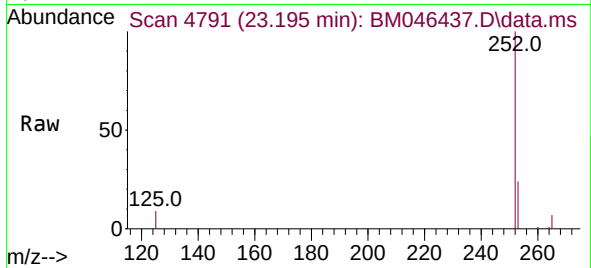
Tgt Ion:252 Resp: 79536
Ion Ratio Lower Upper
252 100
253 24.6 18.4 27.6
125 8.1 7.5 11.3





#26
Benzo(a)pyrene
Concen: 1.826 ng/ul
RT: 23.195 min Scan# 4791
Delta R.T. -0.015 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

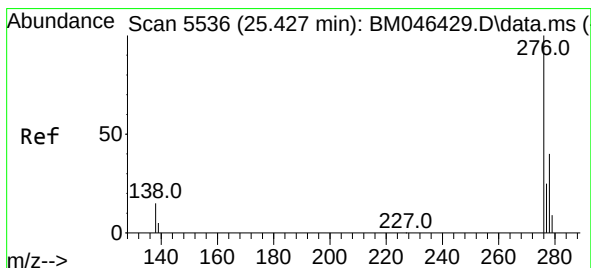
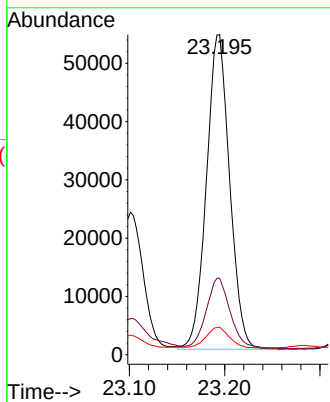
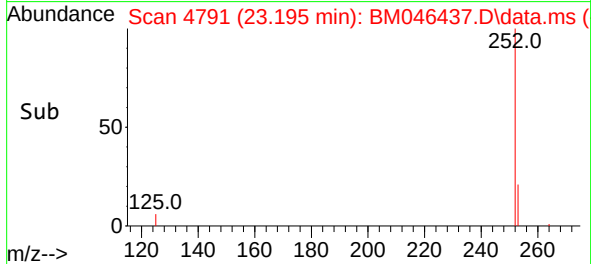
Instrument :
BNA_M
ClientSampleId :
A4B98DL



Tgt Ion:252 Resp: 9129
Ion Ratio Lower Upper
252 100
253 23.9 18.9 28.3
125 8.6 8.1 12.1

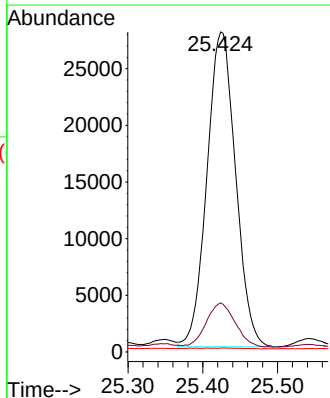
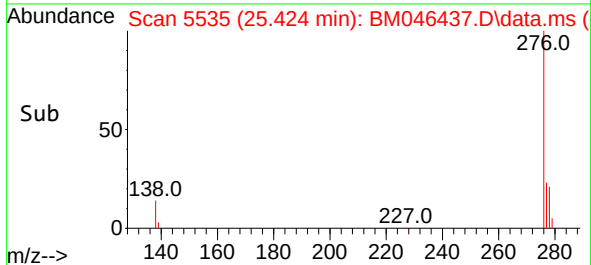
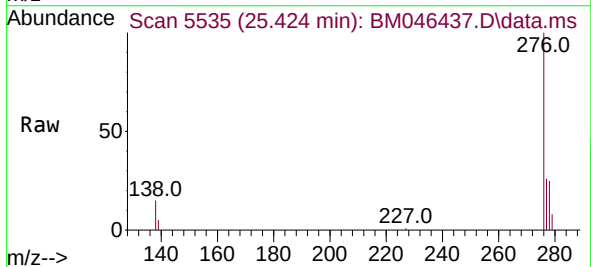
Manual Integrations
APPROVED

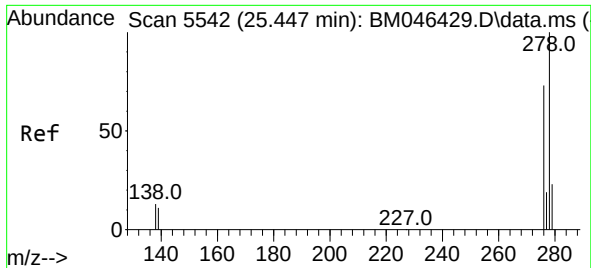
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.098 ng/ul
RT: 25.424 min Scan# 5535
Delta R.T. -0.023 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

Tgt Ion:276 Resp: 74207
Ion Ratio Lower Upper
276 100
138 14.2 15.7 23.5#
227 0.0 0.1 0.1#





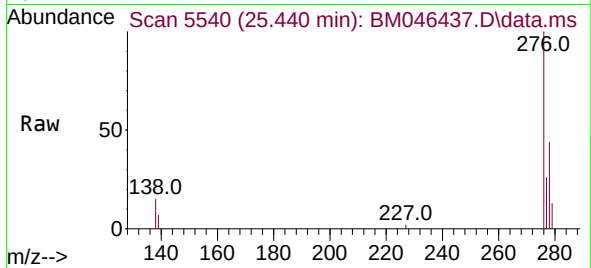
#28
Dibenzo(a,h)anthracene
Concen: 0.478 ng/ul
RT: 25.440 min Scan# 51
Delta R.T. -0.033 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46

Instrument :

BNA_M

ClientSampleId :

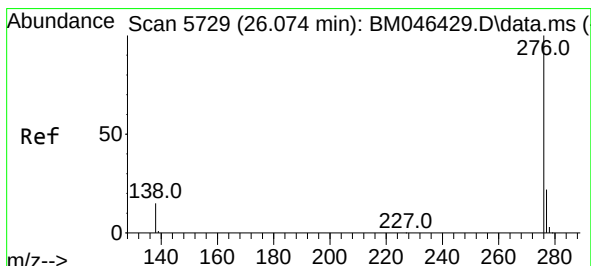
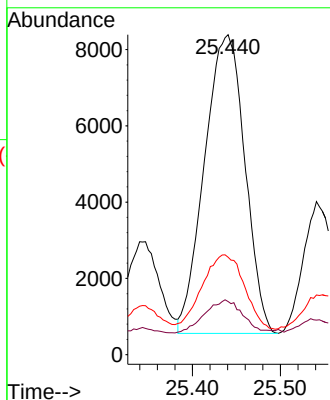
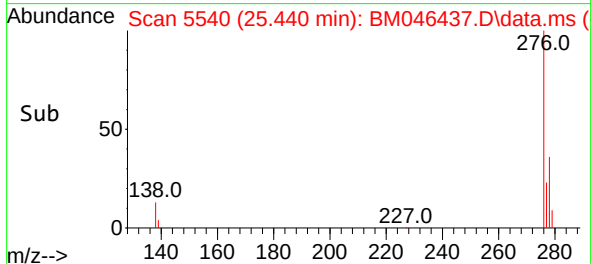
A4B98DL



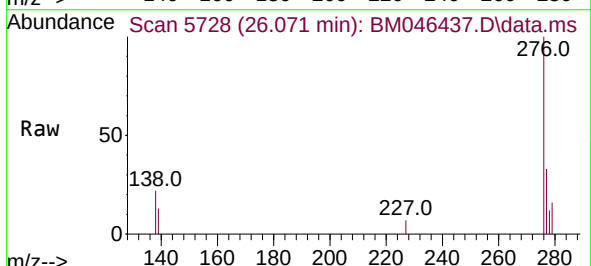
Tgt Ion:278 Resp: 2500
Ion Ratio Lower Upper
278 100
139 16.6 12.6 18.8
279 30.4 20.7 31.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.215 ng/ul
RT: 26.071 min Scan# 5728
Delta R.T. -0.020 min
Lab File: BM046437.D
Acq: 08 Jul 2024 15:46



Tgt Ion:276 Resp: 11580
Ion Ratio Lower Upper
276 100
138 21.6 15.4 23.0
277 32.8 19.7 29.5#

