

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046748.D
 Acq On : 22 Jul 2024 12:54
 Operator : MA/JU
 Sample : P3238-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BF8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 13:53:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	3857	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	8241	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.127	164	8264	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	11996	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	9953	0.400	ng/ul #	0.00
23) Perylene-d12	23.226	264	10082	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	4918	1.552	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	2007	0.151	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	4924	0.163	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.288	128	885	0.042	ng/ul#	82
7) 2-Methylnaphthalene	11.915	142	390	0.026	ng/ul	97
8) 1-Methylnaphthalene	12.141	142	315	0.021	ng/ul	98
10) Acenaphthylene	13.845	152	4188	0.111	ng/ul	99
11) Acenaphthene	14.192	153	1992	0.079	ng/ul	99
12) Fluorene	15.187	166	2418	0.078	ng/ul	94
15) Phenanthrene	16.926	178	52528	1.534	ng/ul	99
16) Anthracene	17.015	178	8240	0.247	ng/ul	100
19) Fluoranthene	18.951	202	169732	4.152	ng/ul	99
20) Pyrene	19.318	202	114204	2.580	ng/ul	99
21) Benzo(a)anthracene	21.076	228	67185	1.526	ng/ul	99
22) Chrysene	21.128	228	84086	1.974	ng/ul	99
24) Benzo(b)fluoranthene	22.595	252	120524m	2.993	ng/ul	
25) Benzo(k)fluoranthene	22.633	252	38402m	0.971	ng/ul	
26) Benzo(a)pyrene	23.136	252	41144	1.241	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.336	276	48489	0.961	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.343	278	14445	0.362	ng/ul#	91
29) Benzo(g,h,i)perylene	25.980	276	8006	0.199	ng/ul#	88

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

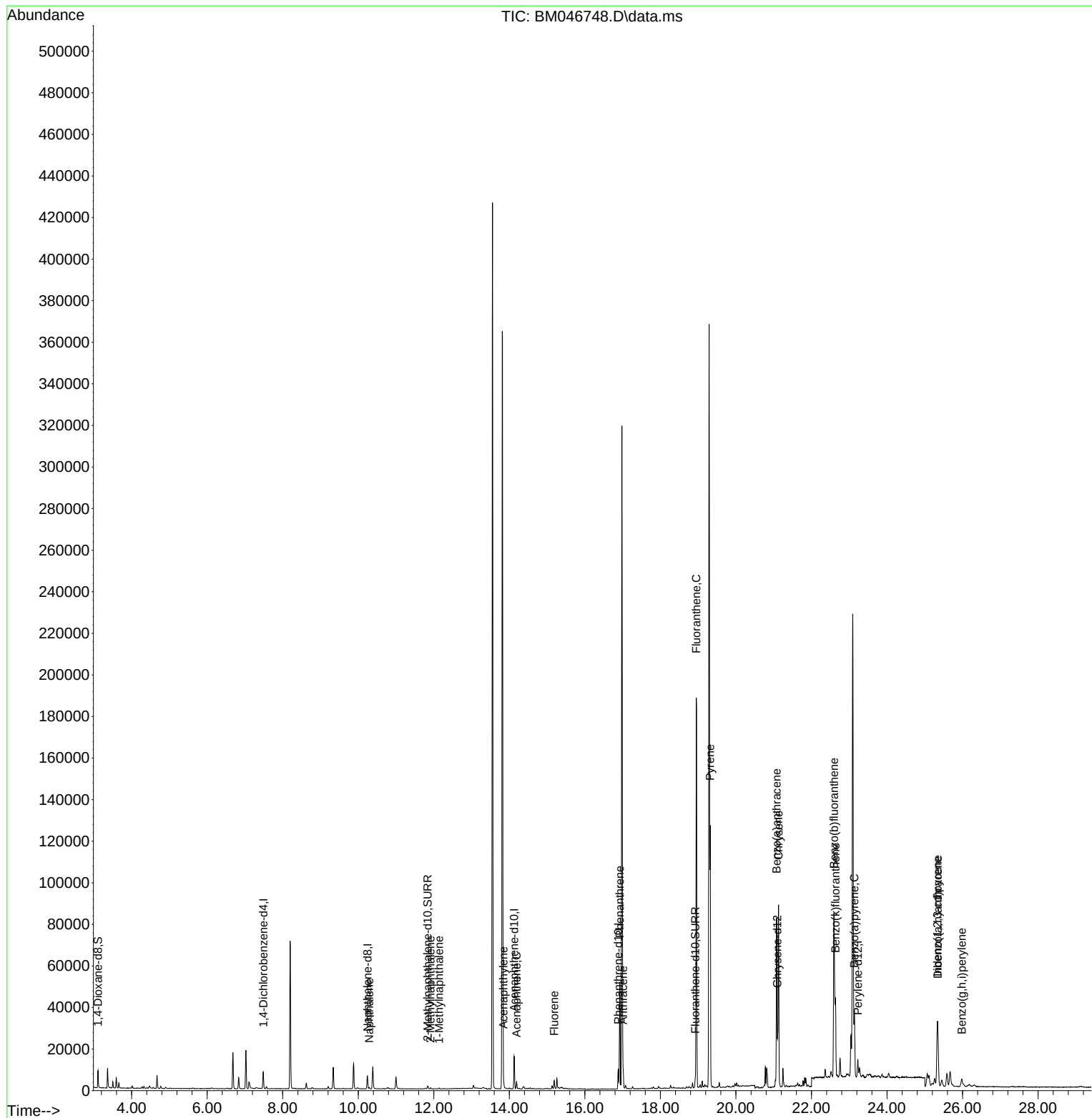
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046748.D
Acq On : 22 Jul 2024 12:54
Operator : MA/JU
Sample : P3238-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

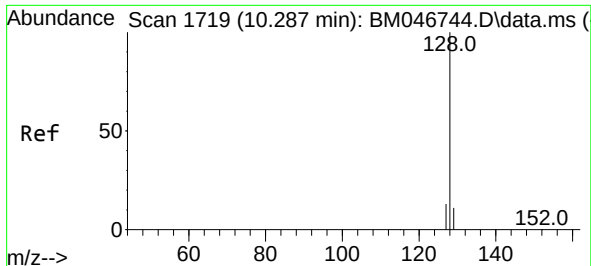
Instrument :
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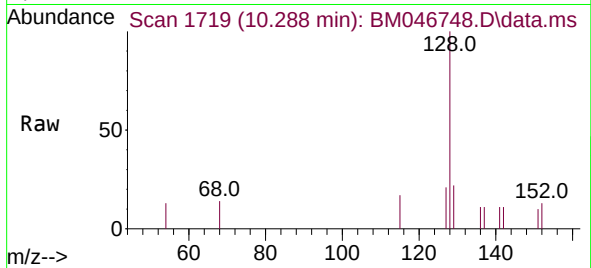
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.042 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.010 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

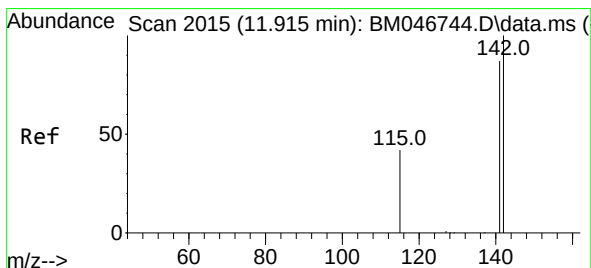
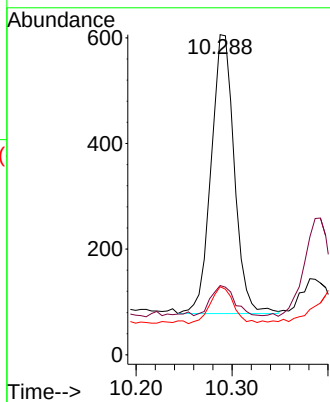
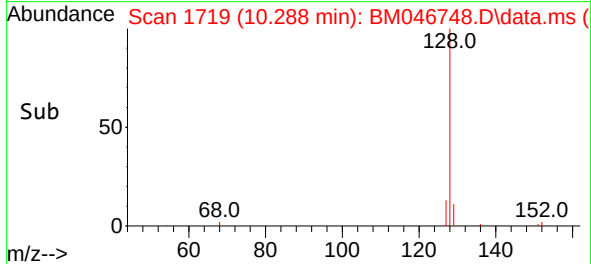
Instrument :
BNA_M
ClientSampleId :
A4BF8



Tgt Ion:128 Resp: 889
Ion Ratio Lower Upper
128 100
129 21.6 10.3 15.5
127 21.3 12.2 18.4

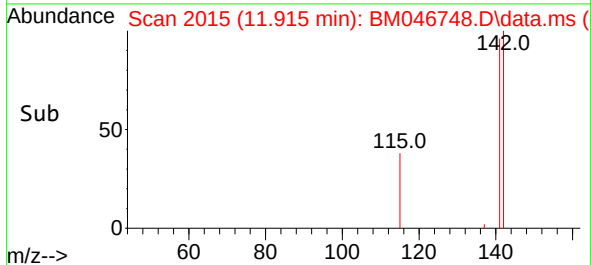
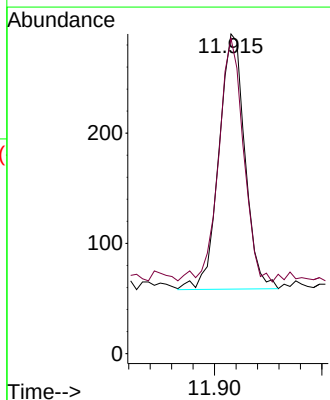
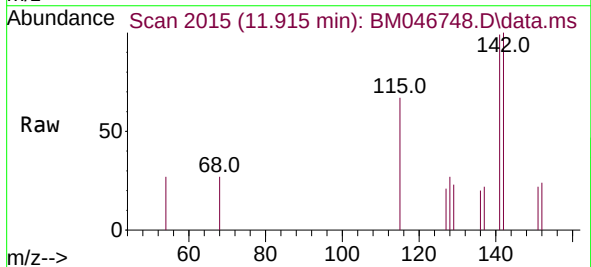
Manual Integrations
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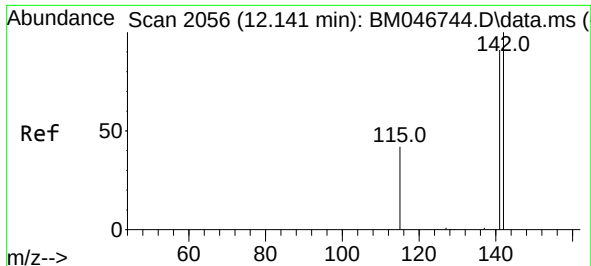
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 11.915 min Scan# 2015
Delta R.T. -0.004 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

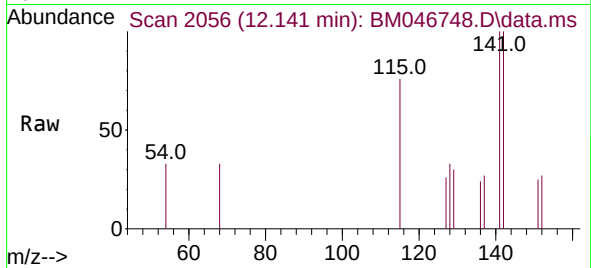
Tgt Ion:142 Resp: 390
Ion Ratio Lower Upper
142 100
141 91.0 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

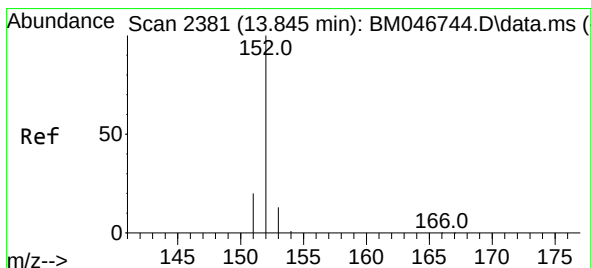
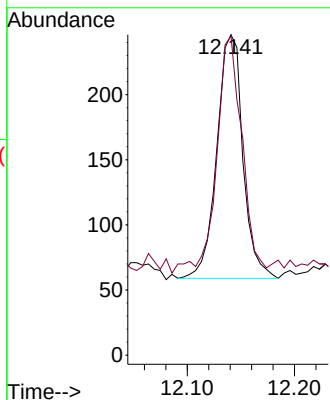
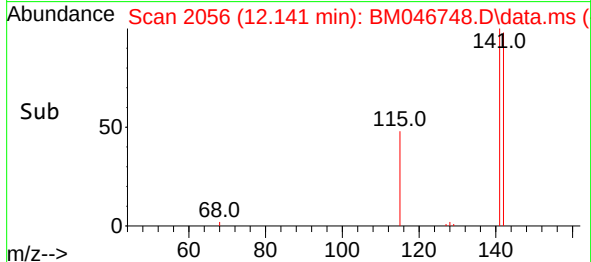
Instrument :
BNA_M
ClientSampleId :
A4BF8



Tgt Ion:142 Resp: 315
Ion Ratio Lower Upper
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141 94.6 73.9 110.9

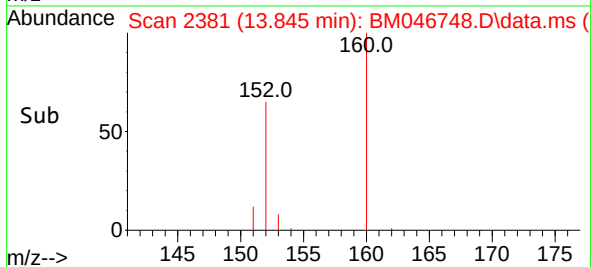
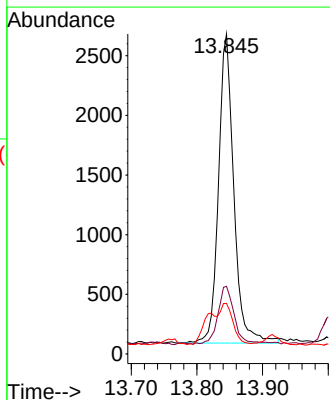
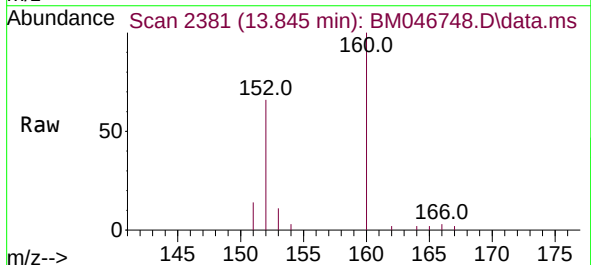
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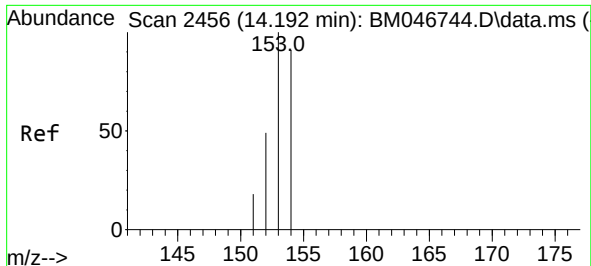
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.111 ng/ul
RT: 13.845 min Scan# 2381
Delta R.T. -0.004 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

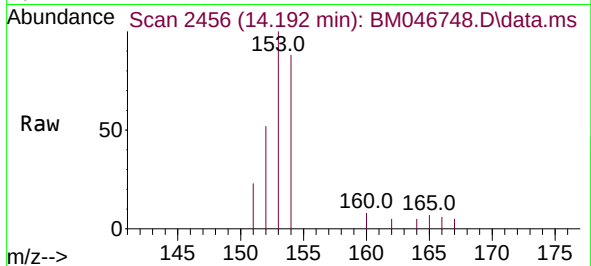
Tgt Ion:152 Resp: 4188
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 15.8 12.4 18.6





#11
Acenaphthene
Concen: 0.079 ng/u1
RT: 14.192 min Scan# 2456
Delta R.T. -0.004 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

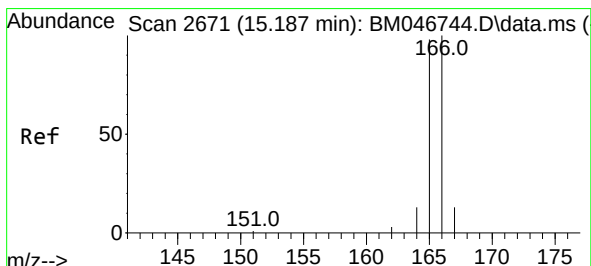
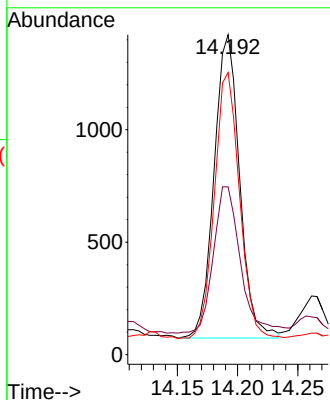
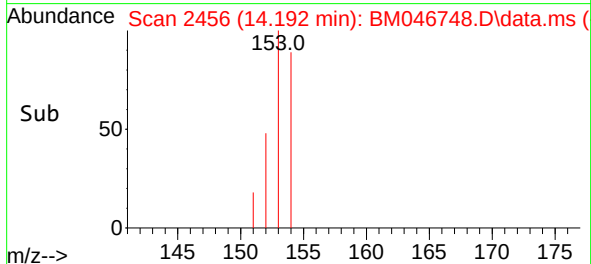
Instrument :
BNA_M
ClientSampleId :
A4BF8



Tgt Ion:153 Resp: 1992
Ion Ratio Lower Upper
153 100
152 52.4 43.0 64.6
154 88.2 69.9 104.9

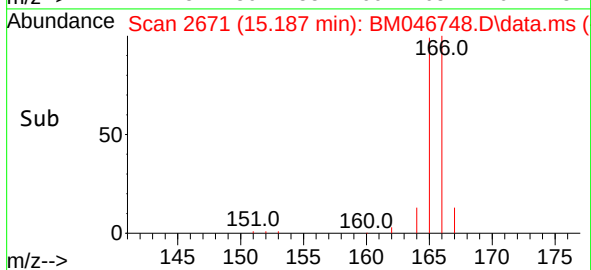
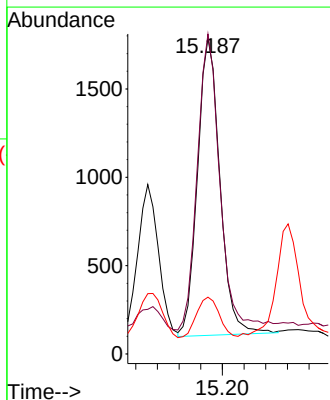
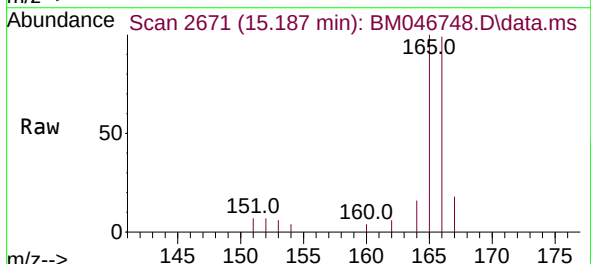
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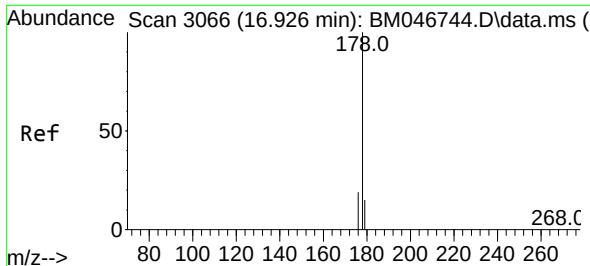
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.078 ng/u1
RT: 15.187 min Scan# 2671
Delta R.T. -0.004 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

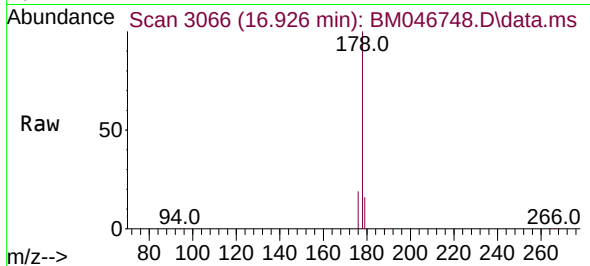
Tgt Ion:166 Resp: 2418
Ion Ratio Lower Upper
166 100
165 101.5 76.1 114.1
167 18.0 12.5 18.7





#15
Phenanthrene
Concen: 1.534 ng/ul
RT: 16.926 min Scan# 3066
Delta R.T. 0.001 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

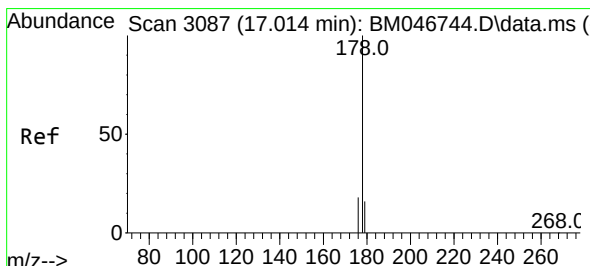
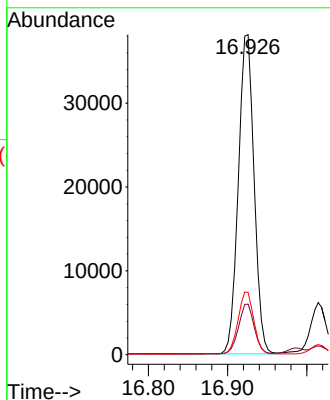
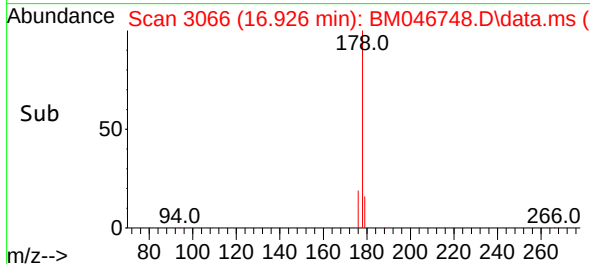
Instrument :
BNA_M
ClientSampleId :
A4BF8



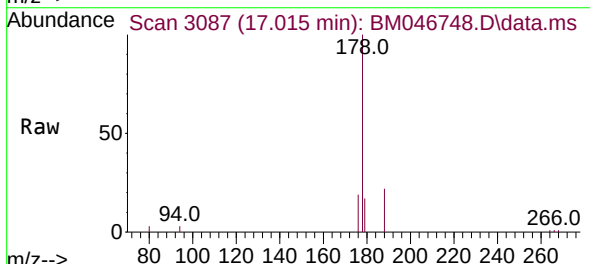
Tgt Ion:178 Resp: 52528
Ion Ratio Lower Upper
178 100
179 15.8 13.1 19.7
176 19.5 16.0 24.0

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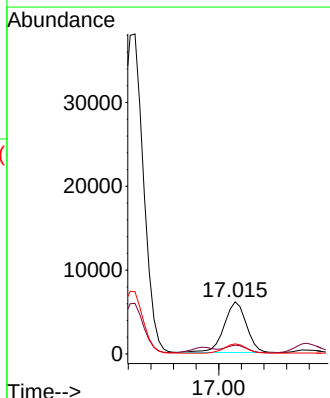
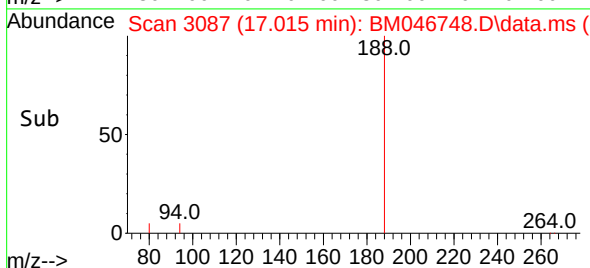
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

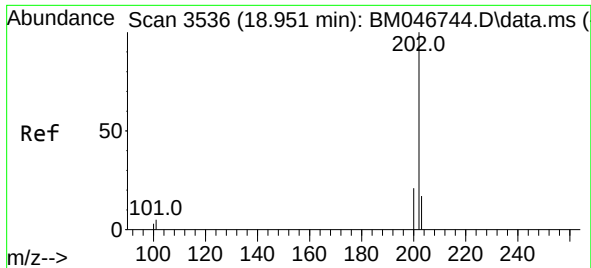


#16
Anthracene
Concen: 0.247 ng/ul
RT: 17.015 min Scan# 3087
Delta R.T. -0.003 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54



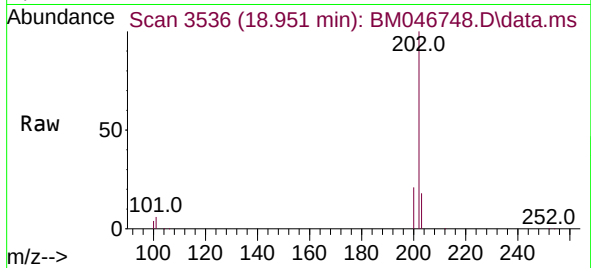
Tgt Ion:178 Resp: 8240
Ion Ratio Lower Upper
178 100
179 17.0 13.5 20.3
176 19.5 15.7 23.5





#19
Fluoranthene
Concen: 4.152 ng/u1
RT: 18.951 min Scan# 3536
Delta R.T. -0.004 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

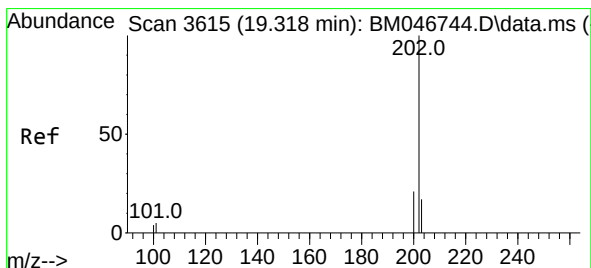
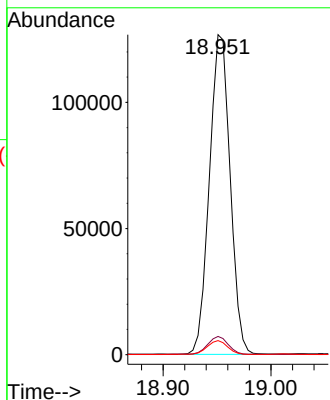
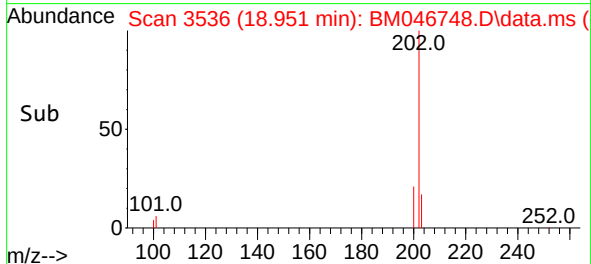
Instrument :
BNA_M
ClientSampleId :
A4BF8



Tgt Ion:202 Resp: 16973
Ion Ratio Lower Upper
202 100
101 5.7 4.6 6.8
100 4.4 3.0 4.6

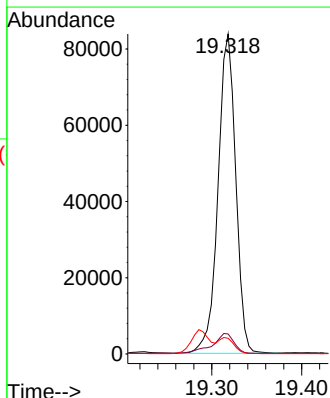
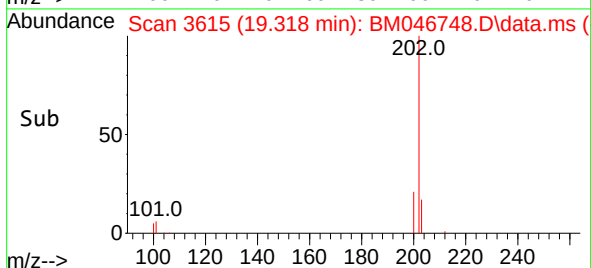
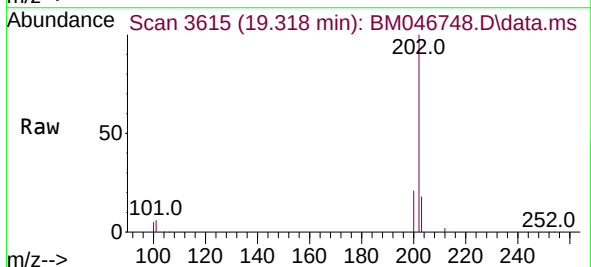
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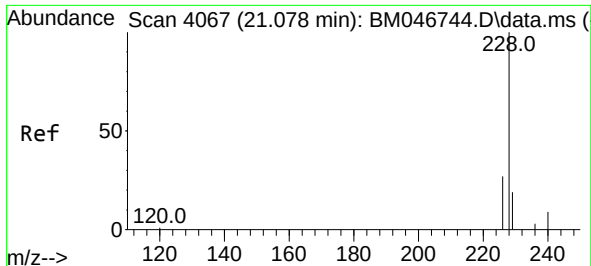
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#20
Pyrene
Concen: 2.580 ng/u1
RT: 19.318 min Scan# 3615
Delta R.T. -0.004 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

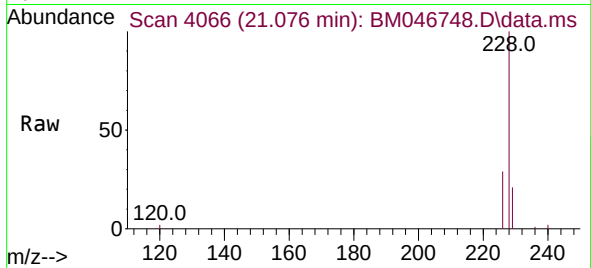
Tgt Ion:202 Resp: 114204
Ion Ratio Lower Upper
202 100
101 6.3 5.1 7.7
100 4.9 3.8 5.6





#21
Benzo(a)anthracene
Concen: 1.526 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.004 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

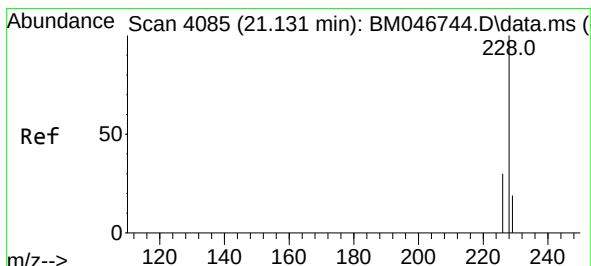
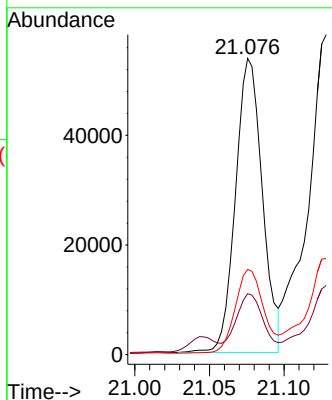
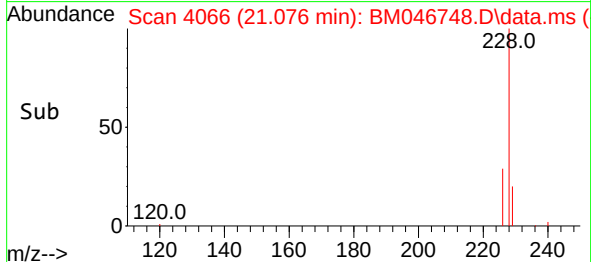
Instrument :
BNA_M
ClientSampleId :
A4BF8



Tgt Ion:228 Resp: 67185
Ion Ratio Lower Upper
228 100
229 20.6 16.5 24.7
226 28.8 22.5 33.7

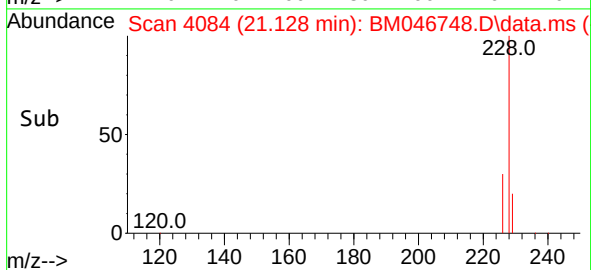
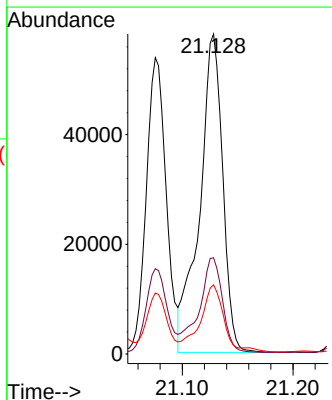
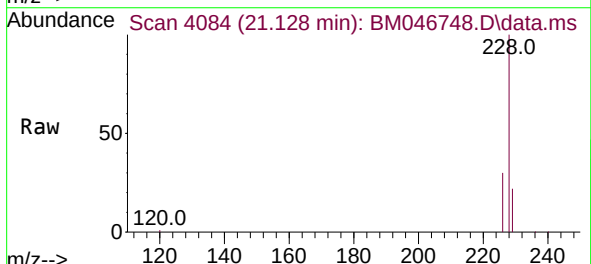
Manual Integrations
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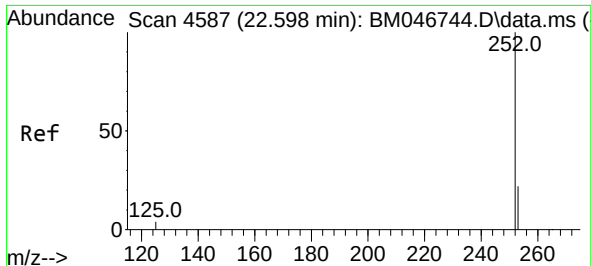
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 1.974 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.004 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

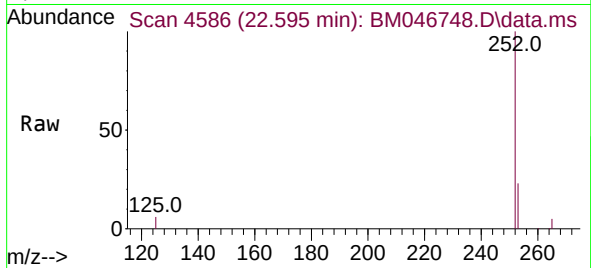
Tgt Ion:228 Resp: 84086
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 21.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.993 ng/ul m
RT: 22.595 min Scan# 4586
Delta R.T. -0.004 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

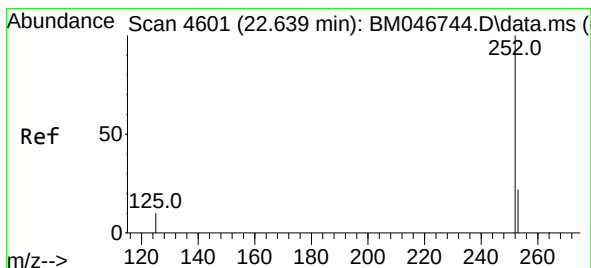
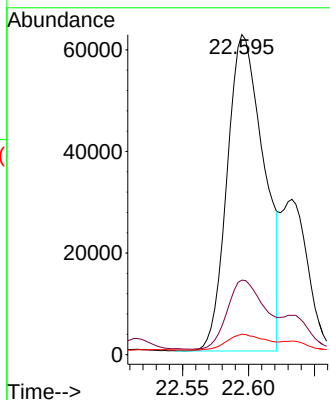
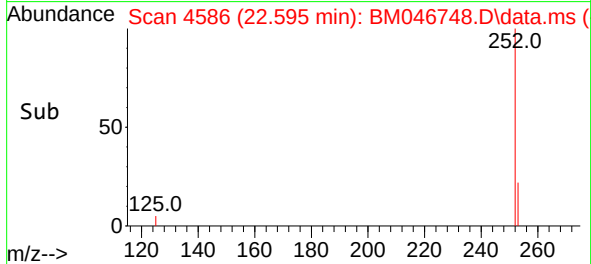
Instrument :
BNA_M
ClientSampleId :
A4BF8



Tgt Ion:252 Resp: 120524
Ion Ratio Lower Upper
252 100
253 23.3 0.0 56.2
125 6.4 0.0 17.8

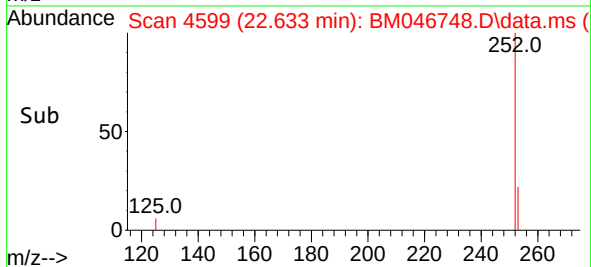
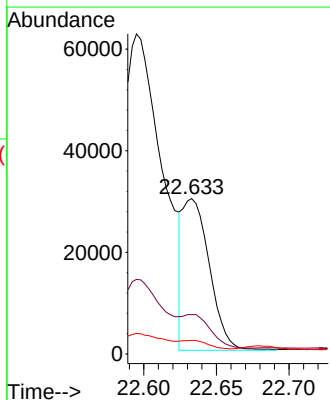
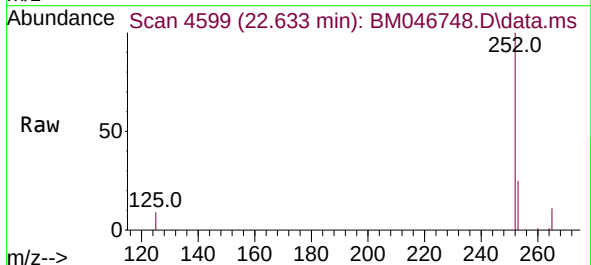
Manual Integrations
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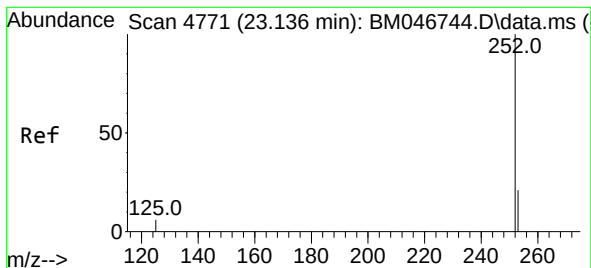
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#25
Benzo(k)fluoranthene
Concen: 0.971 ng/ul m
RT: 22.633 min Scan# 4599
Delta R.T. -0.006 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

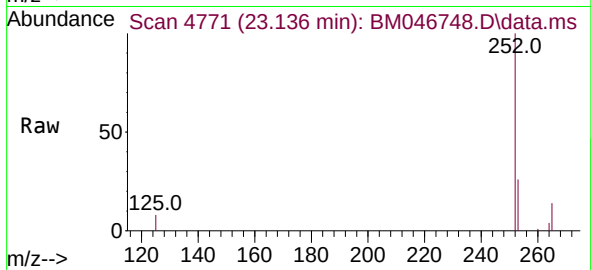
Tgt Ion:252 Resp: 38402
Ion Ratio Lower Upper
252 100
253 25.4 22.4 33.6
125 8.8 7.0 10.4





#26
Benzo(a)pyrene
Concen: 1.241 ng/ul
RT: 23.136 min Scan# 4114
Delta R.T. -0.004 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

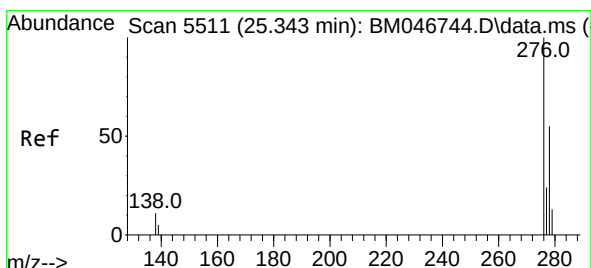
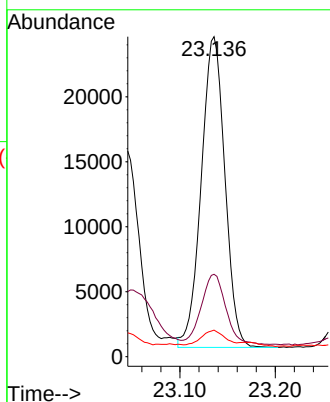
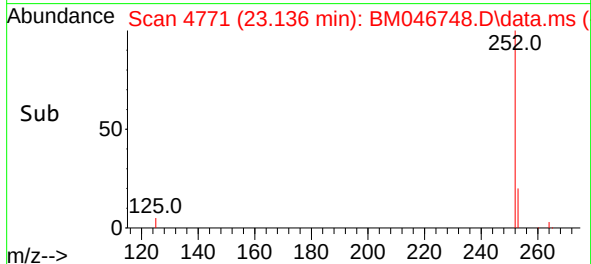
Instrument :
BNA_M
ClientSampleId :
A4BF8



Tgt Ion:252 Resp: 41144
Ion Ratio Lower Upper
252 100
253 25.8 24.0 36.0
125 8.3 8.2 12.2

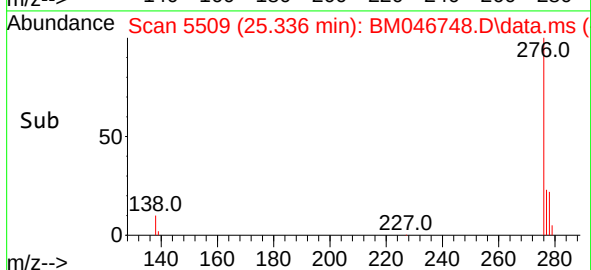
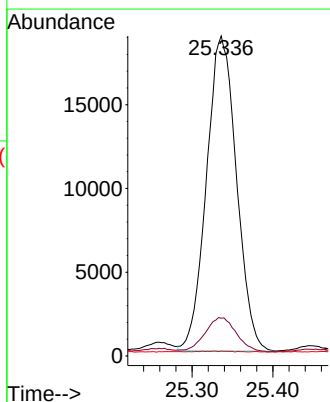
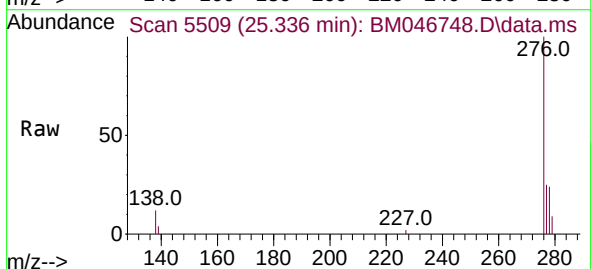
Manual Integrations
APPROVED

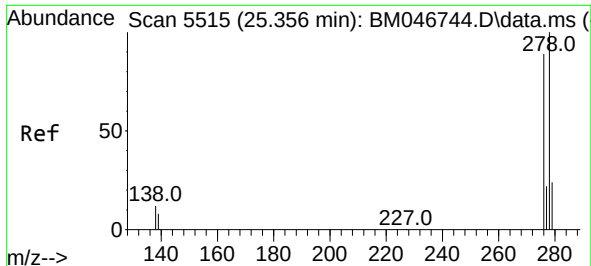
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.961 ng/ul
RT: 25.336 min Scan# 5509
Delta R.T. -0.011 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

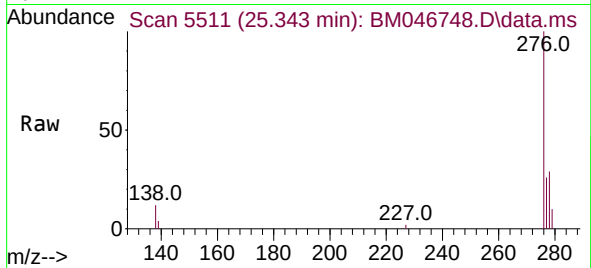
Tgt Ion:276 Resp: 48489
Ion Ratio Lower Upper
276 100
138 11.2 0.0 0.0#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.362 ng/ul
RT: 25.343 min Scan# 5111
Delta R.T. -0.017 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

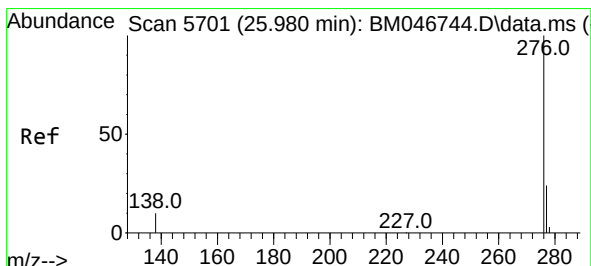
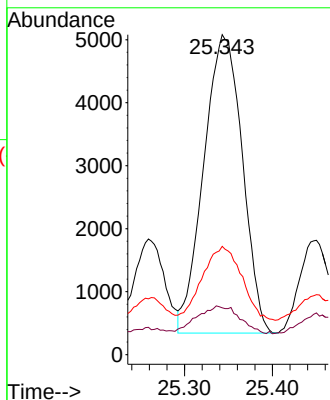
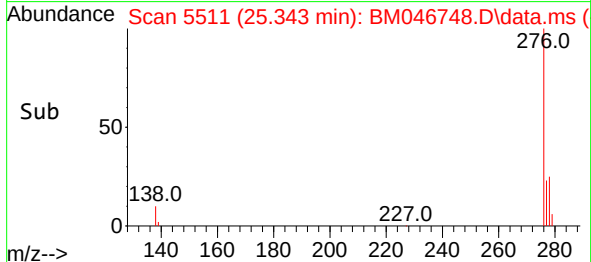
Instrument :
BNA_M
ClientSampleId :
A4BF8



Tgt Ion:278 Resp: 1444
Ion Ratio Lower Upper
278 100
139 14.6 9.1 13.7
279 33.9 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#29
Benzo(g,h,i)perylene
Concen: 0.199 ng/ul
RT: 25.980 min Scan# 5701
Delta R.T. -0.004 min
Lab File: BM046748.D
Acq: 22 Jul 2024 12:54

Tgt Ion:276 Resp: 8006
Ion Ratio Lower Upper
276 100
138 18.0 10.2 15.4#
277 32.1 20.9 31.3#

