

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046680.D
 Acq On : 17 Jul 2024 21:21
 Operator : MA/JU
 Sample : P3177-17DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BY3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 23:02:26 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 : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.497	152	3243	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.255	136	8984	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.141	164	6045	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.892	188	12920	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	8735	0.400	ng/ul	# 0.00
23) Perylene-d12	23.241	264	10124	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1139	0.427	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	571	0.039	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	1355	0.051	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.304	128	3786	0.166	ng/ul	98
7) 2-Methylnaphthalene	11.932	142	1482	0.092	ng/ul	99
8) 1-Methylnaphthalene	12.152	142	1170	0.071	ng/ul	97
10) Acenaphthylene	13.854	152	8936	0.325	ng/ul	98
11) Acenaphthene	14.201	153	4401	0.239	ng/ul	98
12) Fluorene	15.196	166	5408	0.237	ng/ul	96
15) Phenanthrene	16.934	178	108839	2.952	ng/ul	98
16) Anthracene	17.027	178	23370	0.650	ng/ul	99
19) Fluoranthene	18.965	202	218345	6.086	ng/ul	99
20) Pyrene	19.327	202	120450	3.101	ng/ul	99
21) Benzo(a)anthracene	21.084	228	87229	2.257	ng/ul	98
22) Chrysene	21.137	228	88224	2.360	ng/ul	98
24) Benzo(b)fluoranthene	22.610	252	119241m	2.949	ng/ul	
25) Benzo(k)fluoranthene	22.645	252	46339m	1.167	ng/ul	
26) Benzo(a)pyrene	23.148	252	32471	0.976	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.356	276	37124	0.733	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.366	278	15102	0.377	ng/ul#	79
29) Benzo(g,h,i)perylene	26.000	276	5509	0.136	ng/ul#	58

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

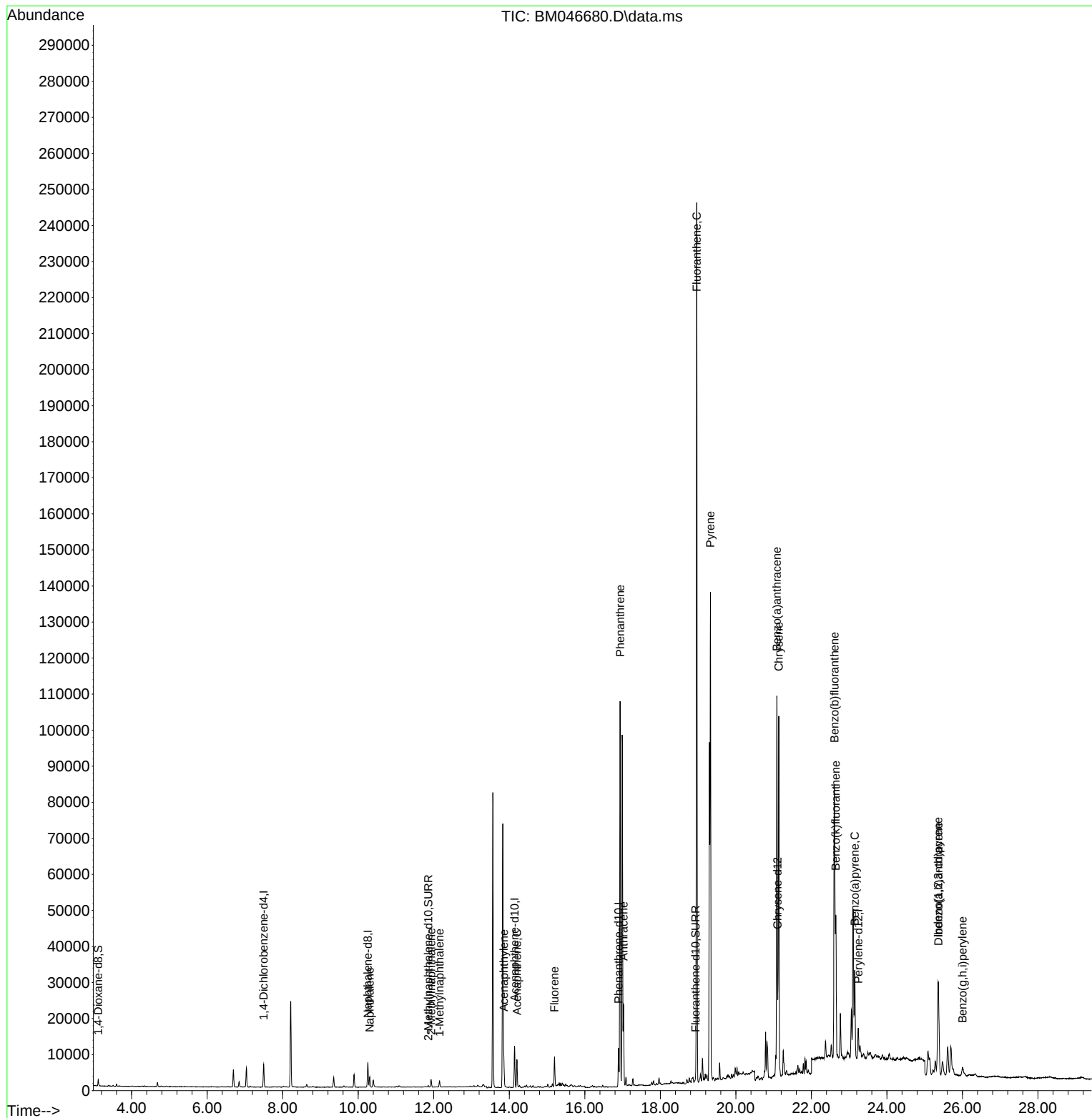
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046680.D
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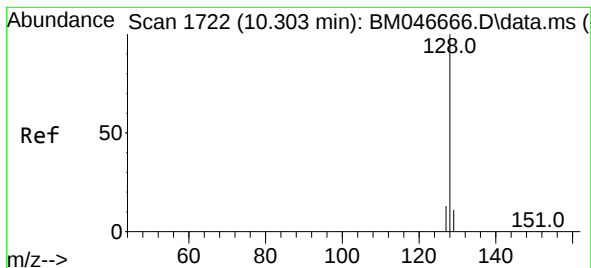
Instrument :
BNA_M
ClientSampleId :
A4BY3DL

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Quant Time: Jul 17 23:02:26 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 : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.166 ng/ul

RT: 10.304 min Scan# 1722

Delta R.T. -0.011 min

Lab File: BM046680.D

Acq: 17 Jul 2024 21:21

Instrument :

BNA_M

ClientSampleId :

A4BY3DL

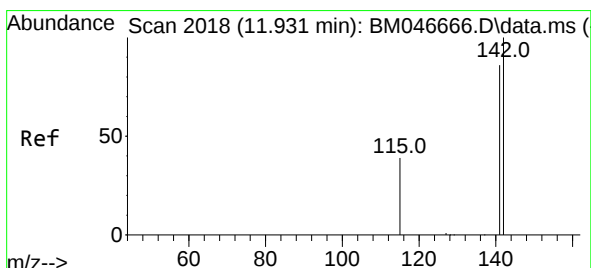
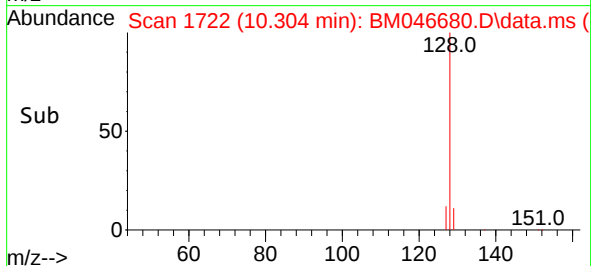
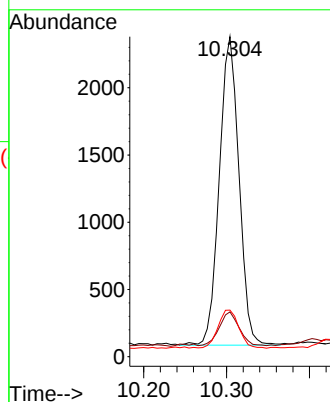
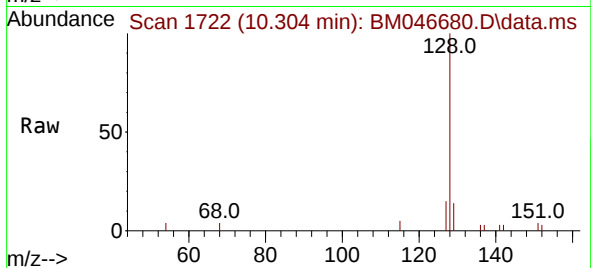
Tgt Ion:128	Resp:	3780
Ion Ratio	Lower	Upper
128	100	
129	14.0	10.3 15.5
127	14.6	12.2 18.4

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.092 ng/ul

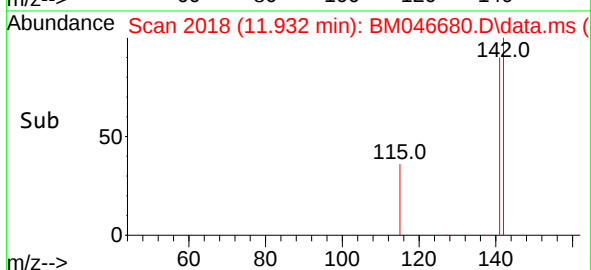
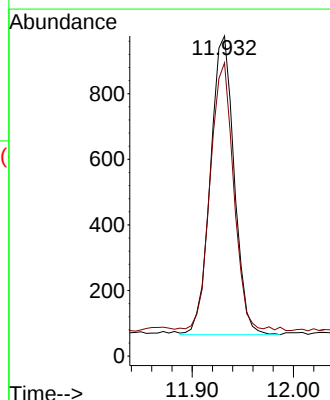
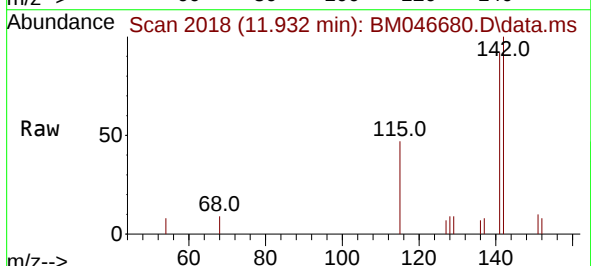
RT: 11.932 min Scan# 2018

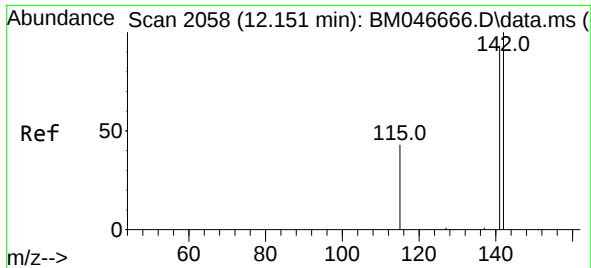
Delta R.T. -0.011 min

Lab File: BM046680.D

Acq: 17 Jul 2024 21:21

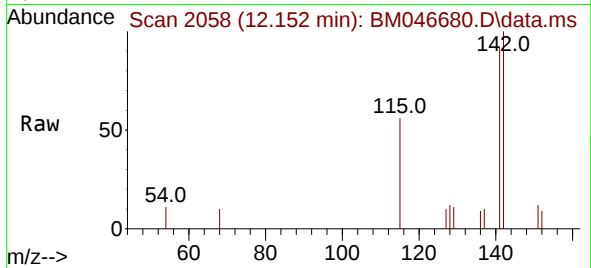
Tgt Ion:142	Resp:	1482
Ion Ratio	Lower	Upper
142	100	
141	88.7	70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.152 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

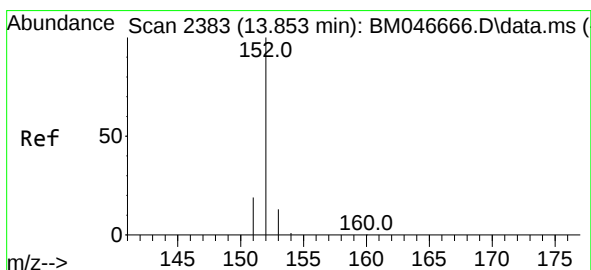
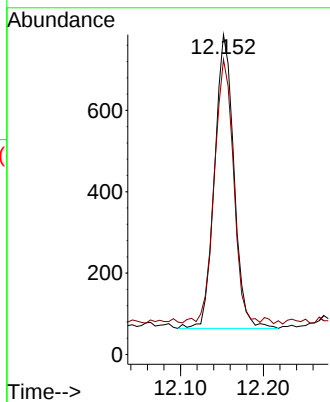
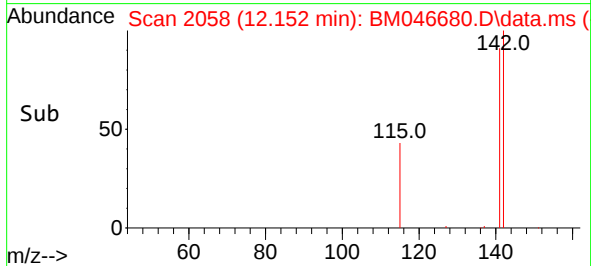
Instrument :
BNA_M
ClientSampleId :
A4BY3DL



Tgt Ion:142 Resp: 1170
Ion Ratio Lower Upper
142 100
141 89.1 73.9 110.9

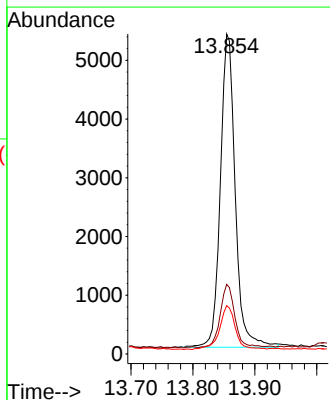
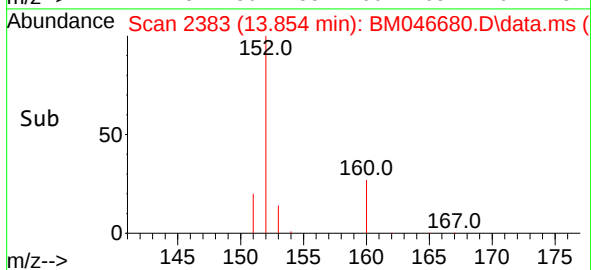
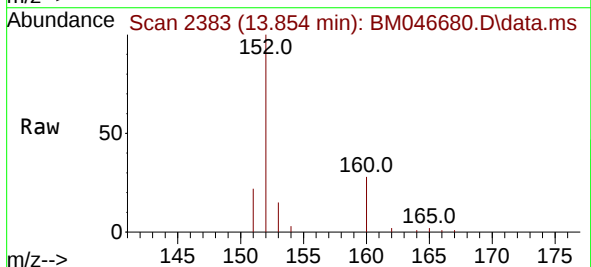
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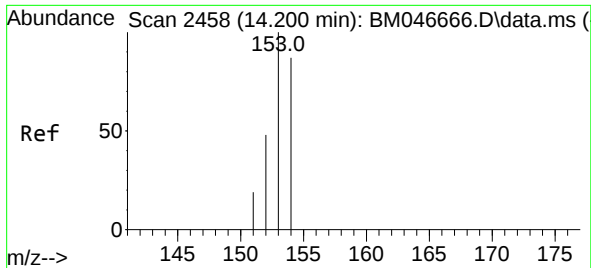
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.325 ng/ul
RT: 13.854 min Scan# 2383
Delta R.T. -0.010 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

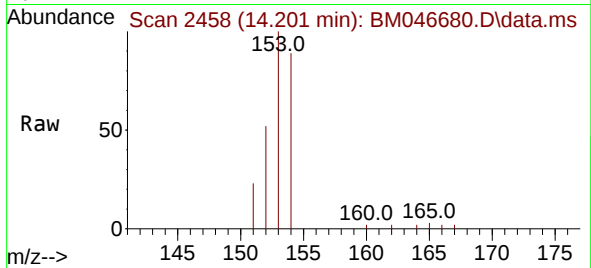
Tgt Ion:152 Resp: 8936
Ion Ratio Lower Upper
152 100
151 21.8 16.4 24.6
153 15.1 12.4 18.6





#11
Acenaphthene
Concen: 0.239 ng/ul
RT: 14.201 min Scan# 2458
Delta R.T. -0.010 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

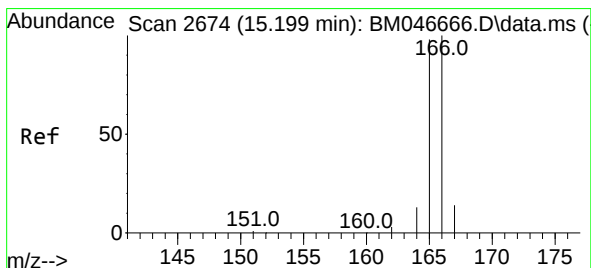
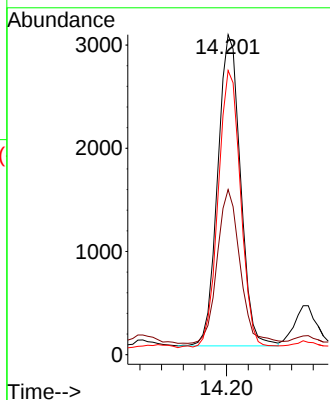
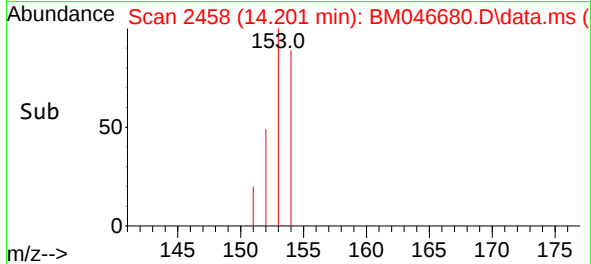
Instrument :
BNA_M
ClientSampleId :
A4BY3DL



Tgt Ion:153 Resp: 440
Ion Ratio Lower Upper
153 100
152 51.6 43.0 64.6
154 88.8 69.9 104.9

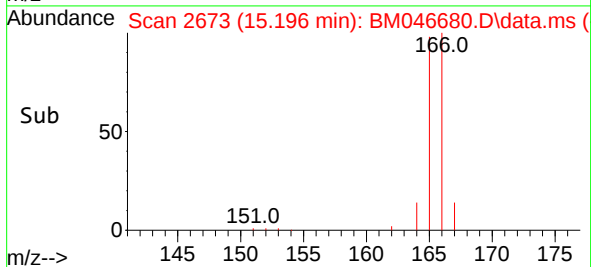
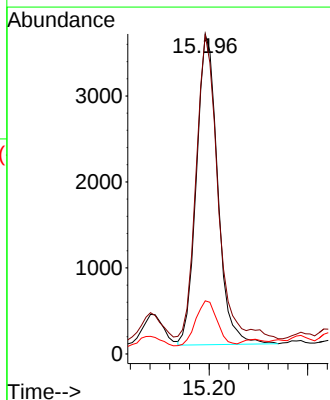
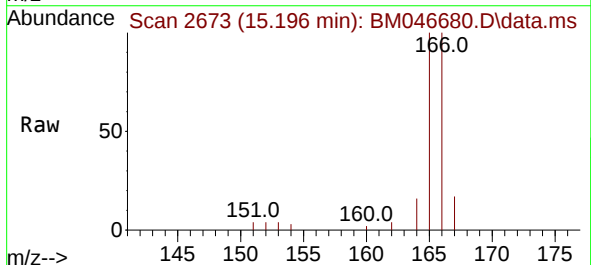
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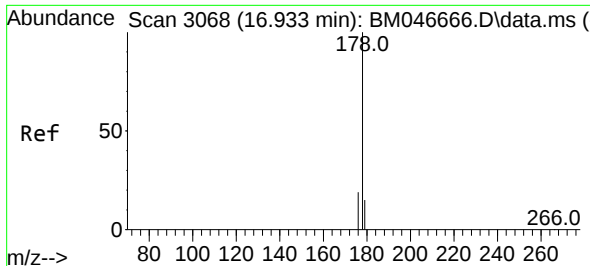
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.237 ng/ul
RT: 15.196 min Scan# 2673
Delta R.T. -0.010 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

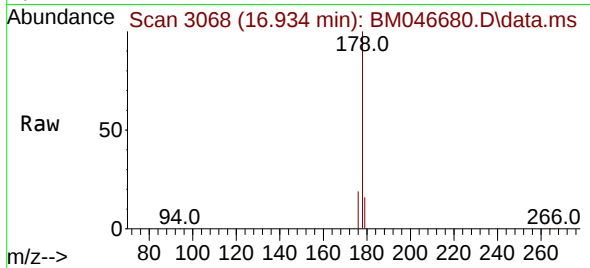
Tgt Ion:166 Resp: 5408
Ion Ratio Lower Upper
166 100
165 99.7 76.1 114.1
167 16.6 12.5 18.7





#15
Phenanthrene
Concen: 2.952 ng/ul
RT: 16.934 min Scan# 3068
Delta R.T. -0.009 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

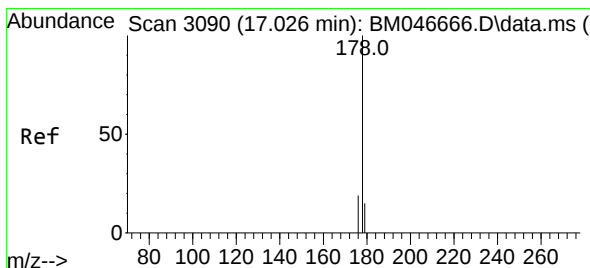
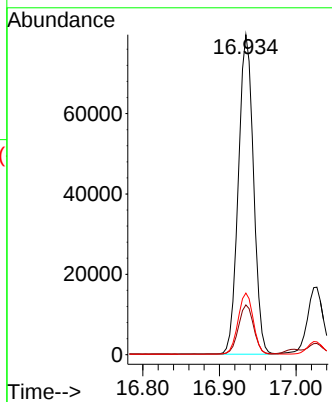
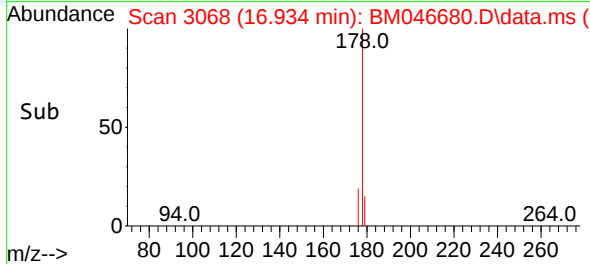
Instrument :
BNA_M
ClientSampleId :
A4BY3DL



Tgt Ion:178 Resp: 108839
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 19.3 16.0 24.0

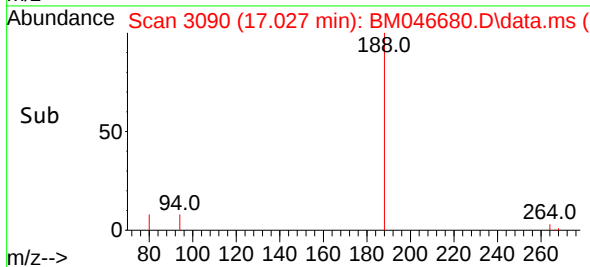
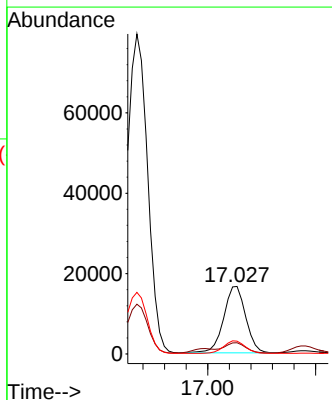
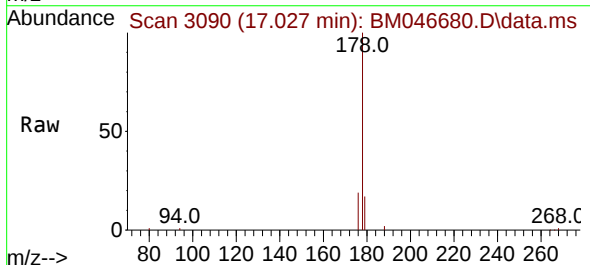
Manual Integrations
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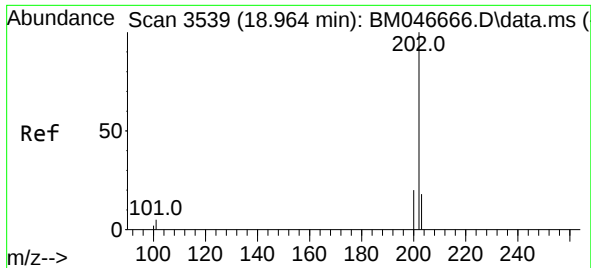
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 0.650 ng/ul
RT: 17.027 min Scan# 3090
Delta R.T. -0.005 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

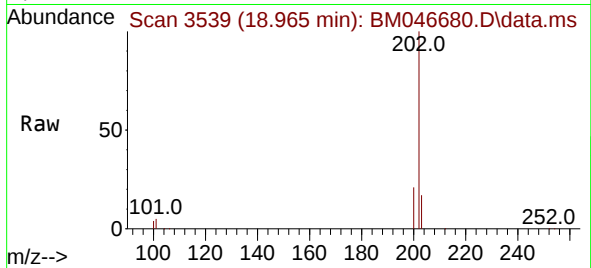
Tgt Ion:178 Resp: 23370
Ion Ratio Lower Upper
178 100
179 16.6 13.5 20.3
176 19.0 15.7 23.5





#19
Fluoranthene
Concen: 6.086 ng/u1
RT: 18.965 min Scan# 3539
Delta R.T. -0.005 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

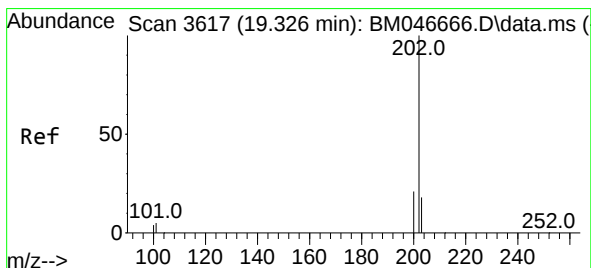
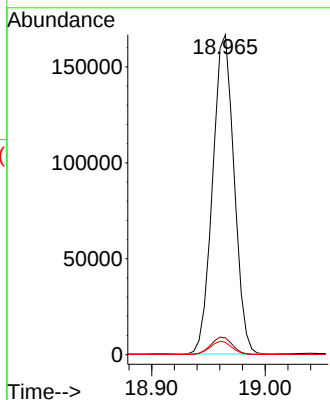
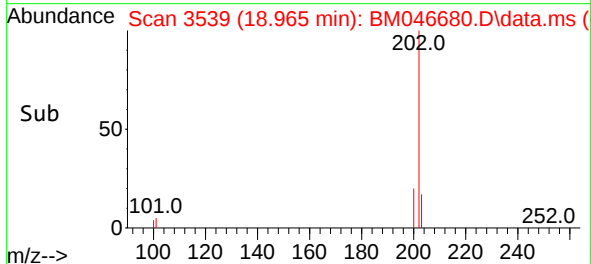
Instrument :
BNA_M
ClientSampleId :
A4BY3DL



Tgt Ion:202 Resp: 218345
Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 3.9 3.0 4.6

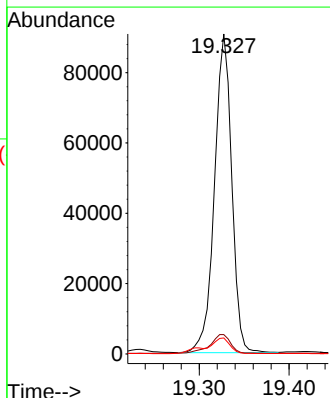
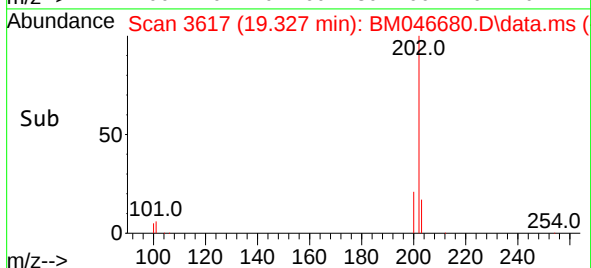
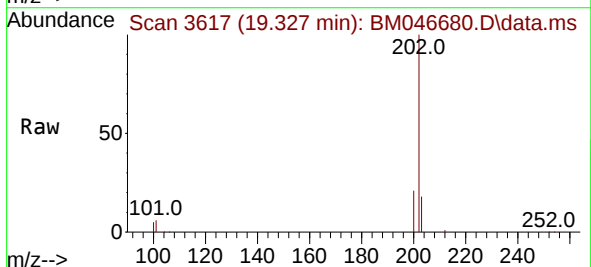
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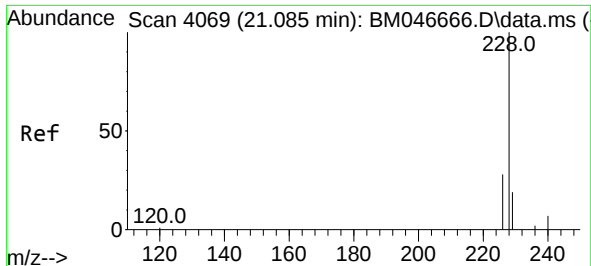
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#20
Pyrene
Concen: 3.101 ng/u1
RT: 19.327 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

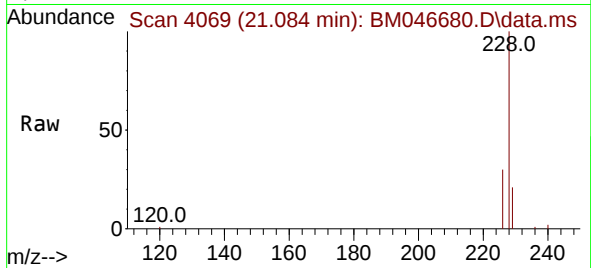
Tgt Ion:202 Resp: 120450
Ion Ratio Lower Upper
202 100
101 6.1 5.1 7.7
100 5.0 3.8 5.6





#21
Benzo(a)anthracene
Concen: 2.257 ng/ul
RT: 21.084 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

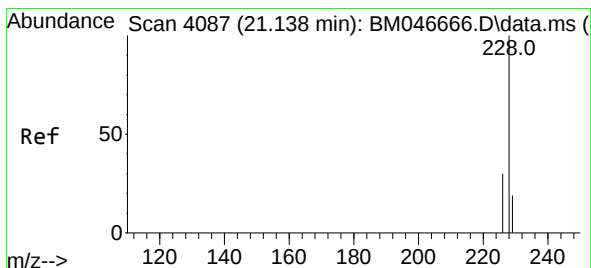
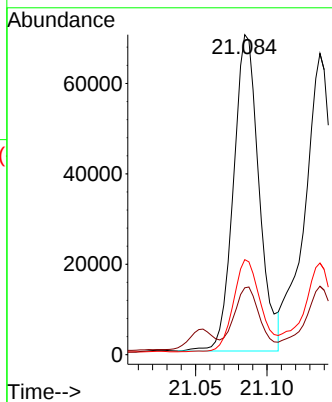
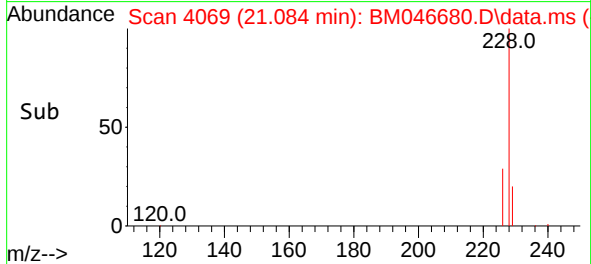
Instrument :
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A4BY3DL



Tgt Ion:228 Resp: 87229
Ion Ratio Lower Upper
228 100
229 20.9 16.5 24.7
226 29.7 22.5 33.7

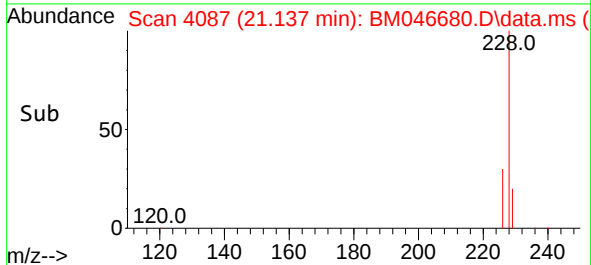
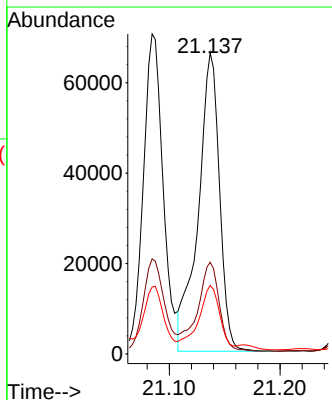
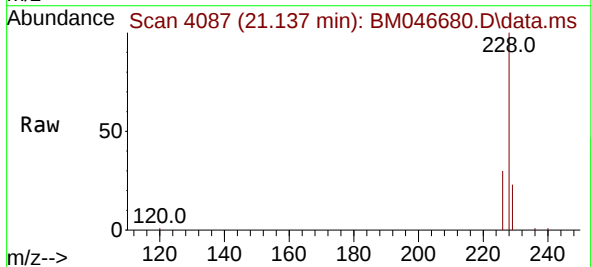
Manual Integrations
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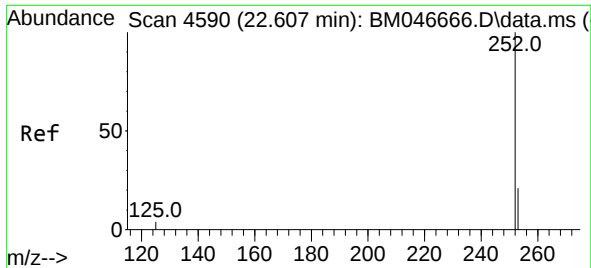
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 2.360 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

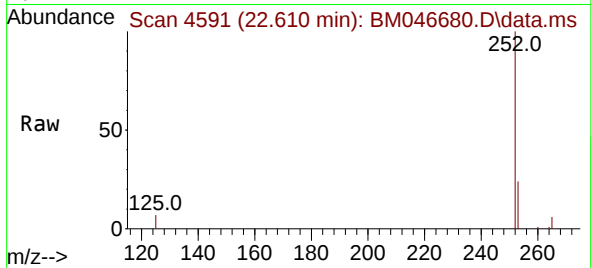
Tgt Ion:228 Resp: 88224
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.949 ng/ul m
RT: 22.610 min Scan# 4591
Delta R.T. -0.000 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

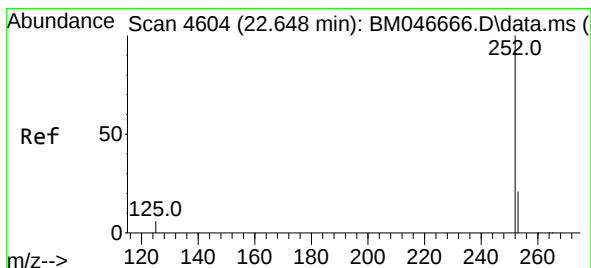
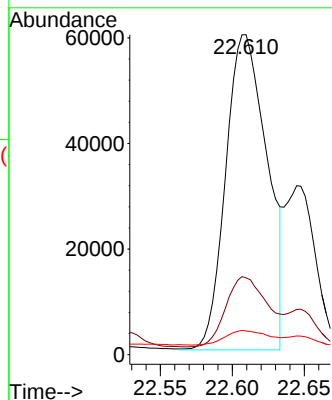
Instrument :
BNA_M
ClientSampleId :
A4BY3DL



Tgt Ion:252 Resp: 11924
Ion Ratio Lower Upper
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253 24.0 0.0 56.2
125 7.4 0.0 17.8

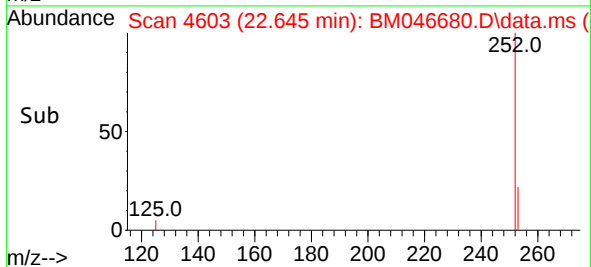
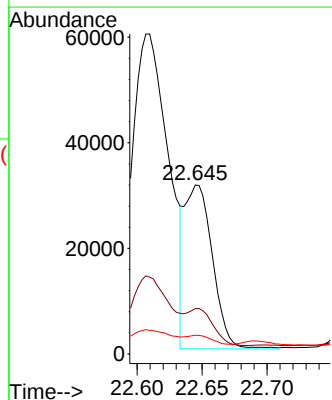
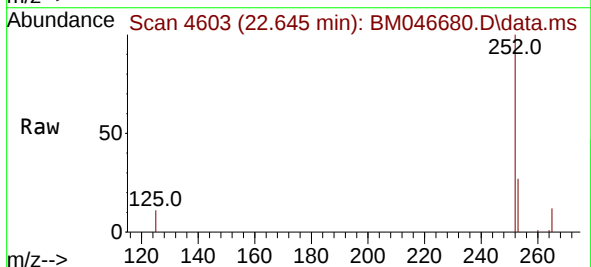
Manual Integrations
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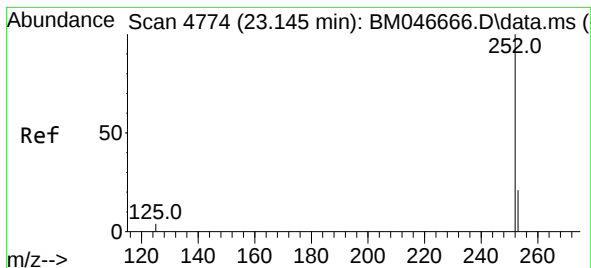
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 1.167 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.006 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

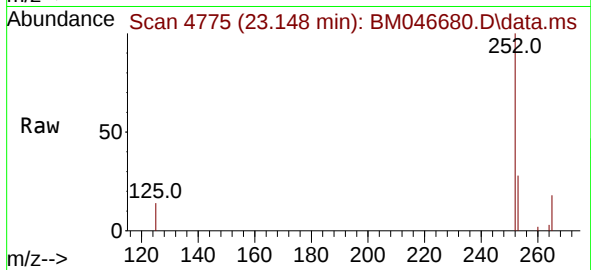
Tgt Ion:252 Resp: 46339
Ion Ratio Lower Upper
252 100
253 26.8 22.4 33.6
125 11.1 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.976 ng/ul
RT: 23.148 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

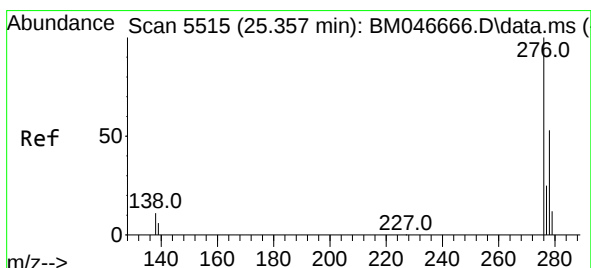
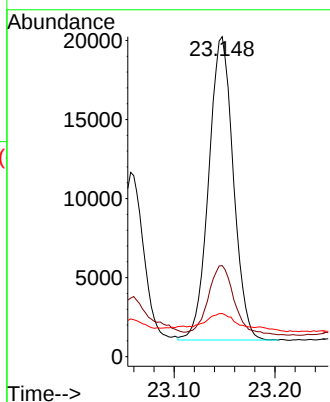
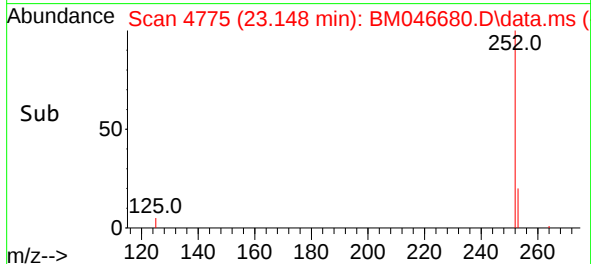
Instrument :
BNA_M
ClientSampleId :
A4BY3DL



Tgt Ion:252 Resp: 3247
Ion Ratio Lower Upper
252 100
253 28.5 24.0 36.0
125 13.5 8.2 12.2

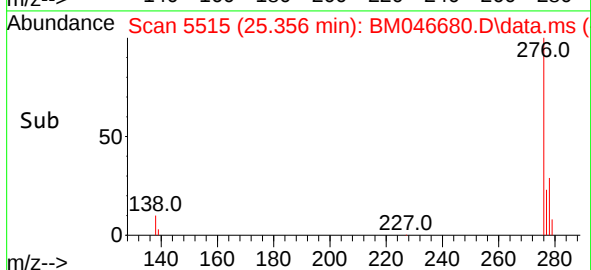
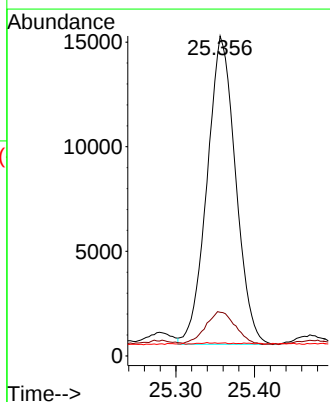
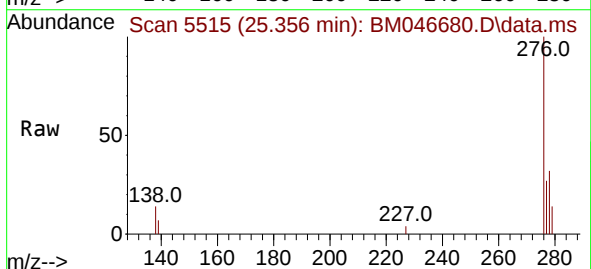
Manual Integrations
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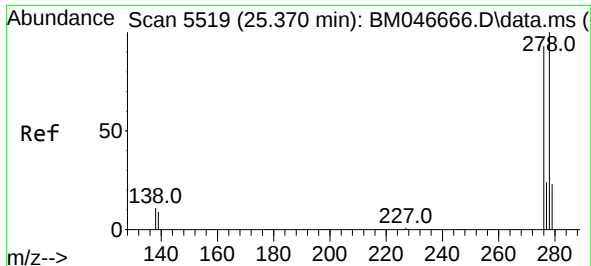
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.733 ng/ul
RT: 25.356 min Scan# 5515
Delta R.T. -0.004 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

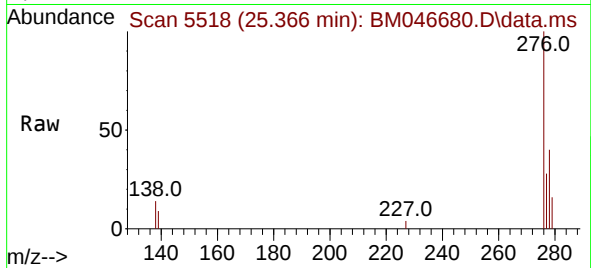
Tgt Ion:276 Resp: 37124
Ion Ratio Lower Upper
276 100
138 11.1 0.0 0.0#
227 0.5 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 25.366 min Scan# 5519
Delta R.T. -0.017 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

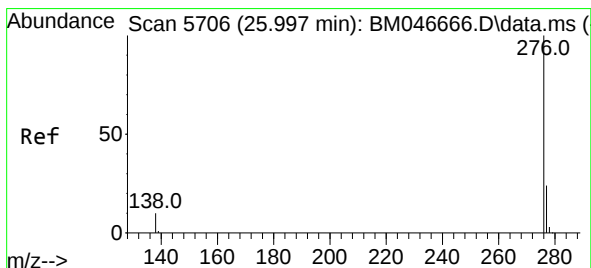
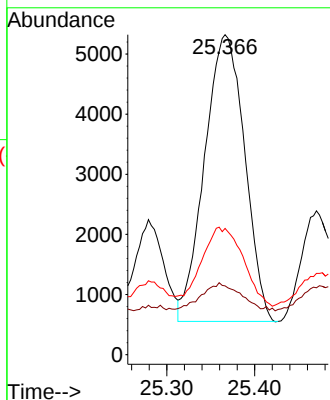
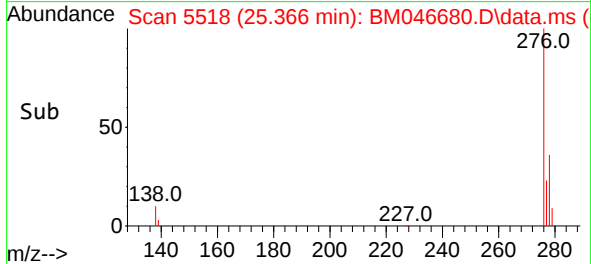
Instrument :
BNA_M
ClientSampleId :
A4BY3DL



Tgt Ion:278 Resp: 1510
Ion Ratio Lower Upper
278 100
139 21.5 9.1 13.7
279 39.4 23.2 34.8

Manual Integrations
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#29
Benzo(g,h,i)perylene
Concen: 0.136 ng/ul
RT: 26.000 min Scan# 5707
Delta R.T. -0.004 min
Lab File: BM046680.D
Acq: 17 Jul 2024 21:21

Tgt Ion:276 Resp: 5509
Ion Ratio Lower Upper
276 100
138 34.0 10.2 15.4#
277 44.5 20.9 31.3#

