

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046761.D
 Acq On : 22 Jul 2024 23:30
 Operator : MA/JU
 Sample : P3201-03DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BY9DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 00:23:05 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	7.480	152	6831	0.400	ng/ul	0.00
4) Naphthalene-d8	10.237	136	19621	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.126	164	11098	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.882	188	20423	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.091	240	10932	0.400	ng/ul	0.00
23) Perylene-d12	23.224	264	11952	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	1467	0.261	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.837	152	1021	0.032	ng/ul	-0.01
18) Fluoranthene-d10	18.922	212	1206	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.286	128	3335	0.067	ng/ul	98
7) 2-Methylnaphthalene	11.914	142	1321	0.038	ng/ul	100
8) 1-Methylnaphthalene	12.134	142	1055	0.029	ng/ul	99
10) Acenaphthylene	13.839	152	6494	0.129	ng/ul	98
11) Acenaphthene	14.191	153	4604	0.136	ng/ul	98
12) Fluorene	15.185	166	5280	0.126	ng/ul	98
15) Phenanthrene	16.920	178	107534	1.845	ng/ul	98
16) Anthracene	17.013	178	18354	0.323	ng/ul	99
19) Fluoranthene	18.950	202	158042	3.520	ng/ul	99
20) Pyrene	19.312	202	84964	1.748	ng/ul#	98
21) Benzo(a)anthracene	21.073	228	64103	1.325	ng/ul	98
22) Chrysene	21.126	228	70992	1.517	ng/ul	99
24) Benzo(b)fluoranthene	22.592	252	96714m	2.026	ng/ul	
25) Benzo(k)fluoranthene	22.630	252	35978m	0.768	ng/ul	
26) Benzo(a)pyrene	23.130	252	23898	0.608	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.333	276	27646	0.462	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.340	278	11662	0.246	ng/ul#	90
29) Benzo(g,h,i)perylene	25.974	276	4021	0.084	ng/ul#	76

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

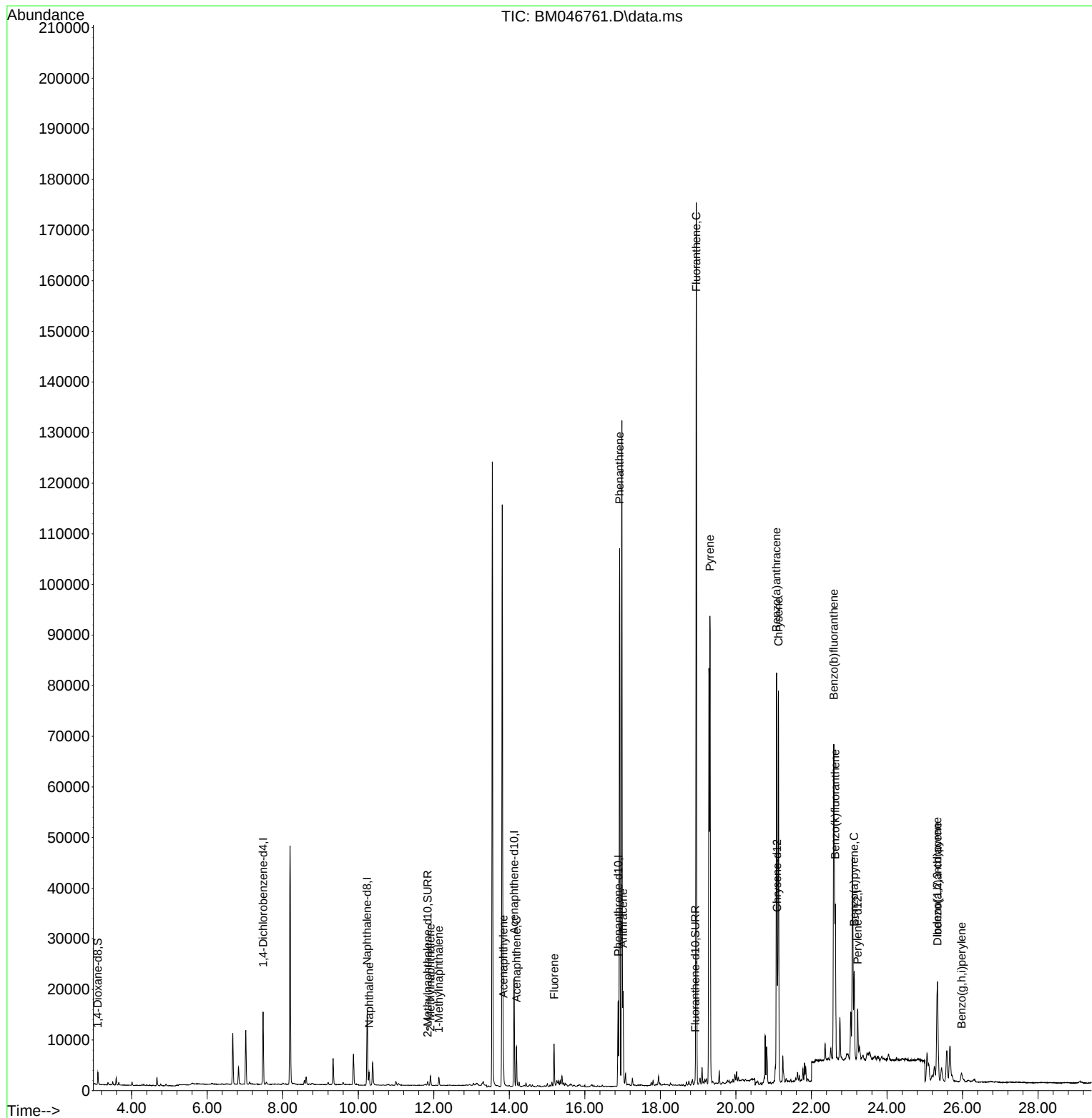
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046761.D
Acq On : 22 Jul 2024 23:30
Operator : MA/JU
Sample : P3201-03DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

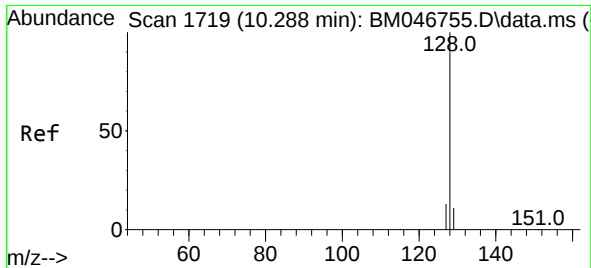
Instrument :
BNA_M
ClientSampleId :
A4BY9DL

Manual Integrations
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Supervised By :mohammad ahmed 07/23/2024

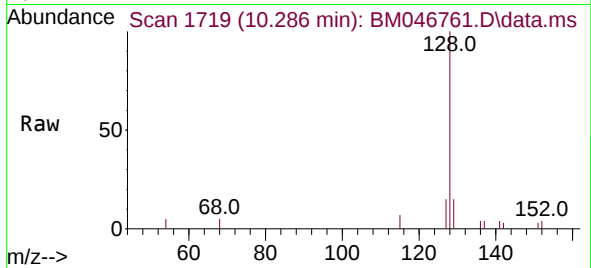
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.286 min Scan# 1719
Delta R.T. -0.011 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

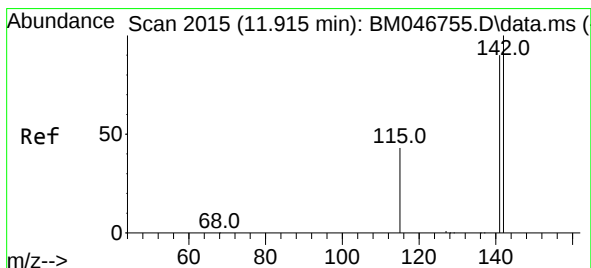
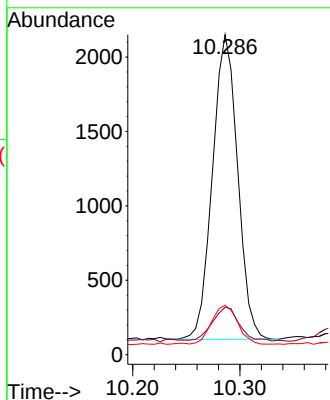
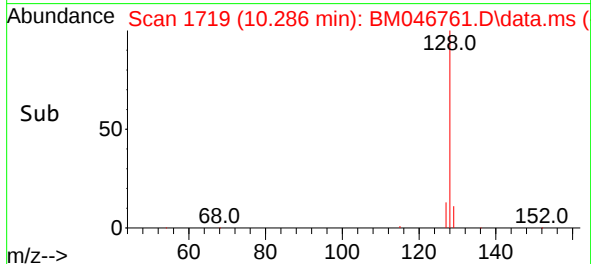
Instrument :
BNA_M
ClientSampleId :
A4BY9DL



Tgt Ion:128 Resp: 333
Ion Ratio Lower Upper
128 100
129 14.8 10.3 15.5
127 15.4 12.2 18.4

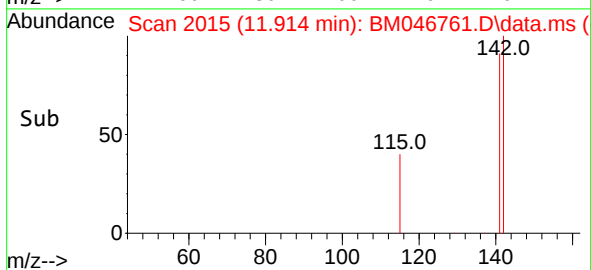
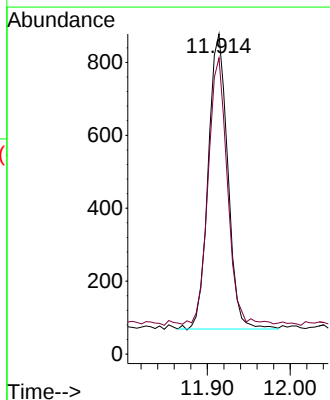
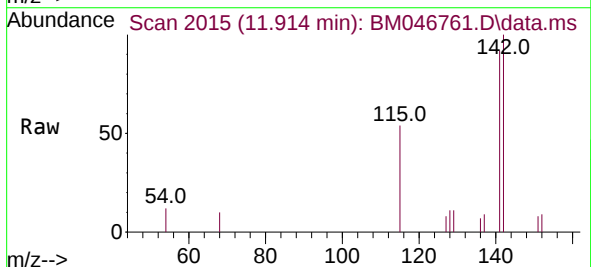
Manual Integrations
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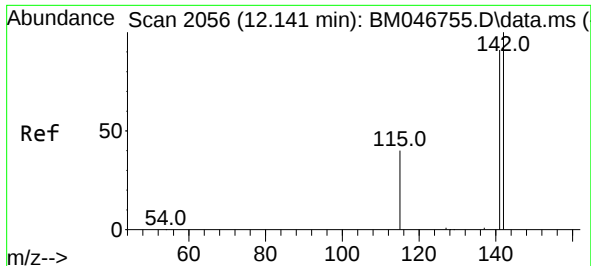
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

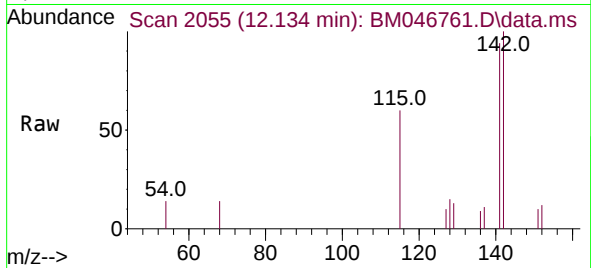
Tgt Ion:142 Resp: 1321
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.134 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

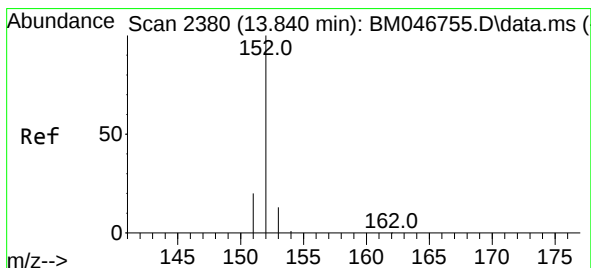
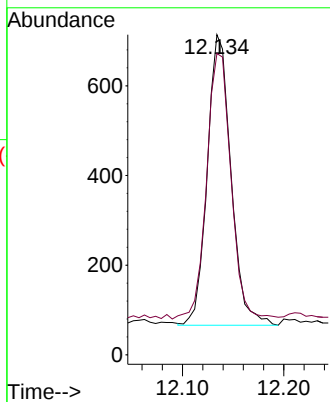
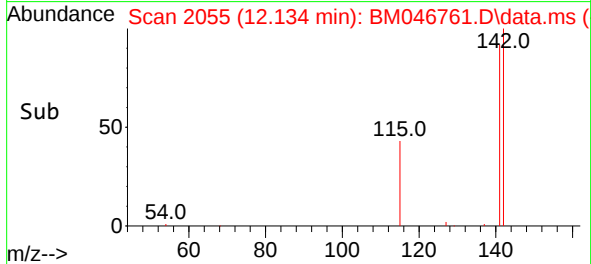
Instrument :
BNA_M
ClientSampleId :
A4BY9DL



Tgt Ion:142 Resp: 105
Ion Ratio Lower Upper
142 100
141 93.6 73.9 110.9

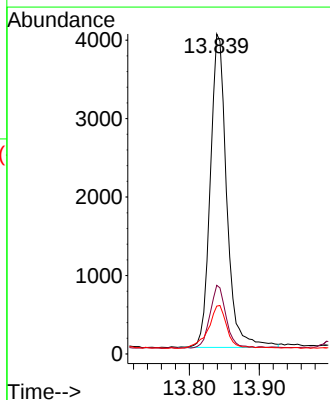
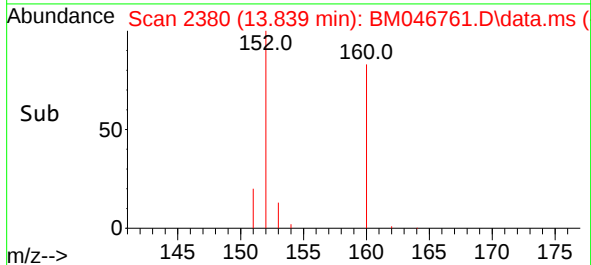
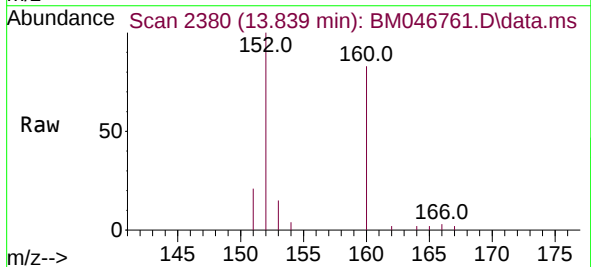
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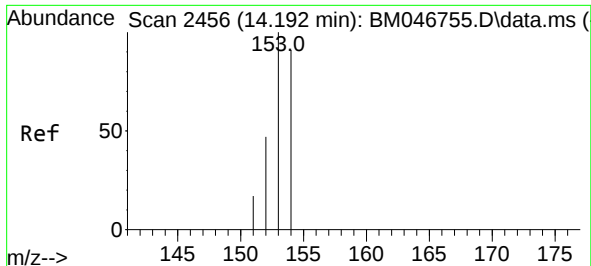
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.129 ng/ul
RT: 13.839 min Scan# 2380
Delta R.T. -0.010 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

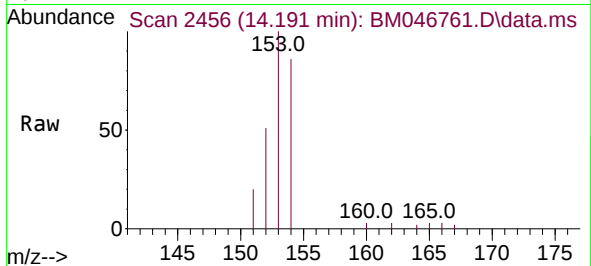
Tgt Ion:152 Resp: 6494
Ion Ratio Lower Upper
152 100
151 21.5 16.4 24.6
153 15.0 12.4 18.6





#11
Acenaphthene
Concen: 0.136 ng/ul
RT: 14.191 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

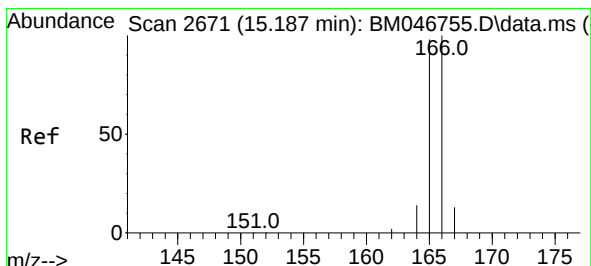
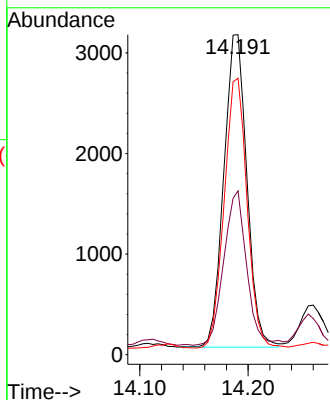
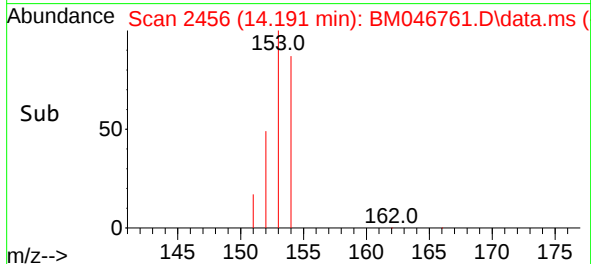
Instrument :
BNA_M
ClientSampleId :
A4BY9DL



Tgt Ion:153 Resp: 4604
Ion Ratio Lower Upper
153 100
152 51.2 43.0 64.6
154 86.4 69.9 104.9

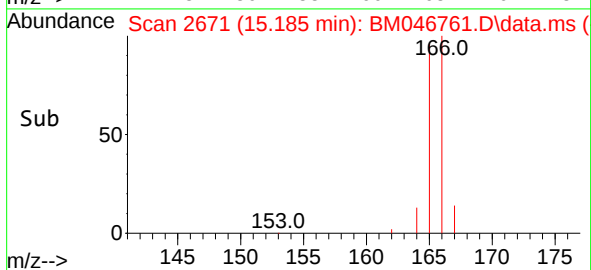
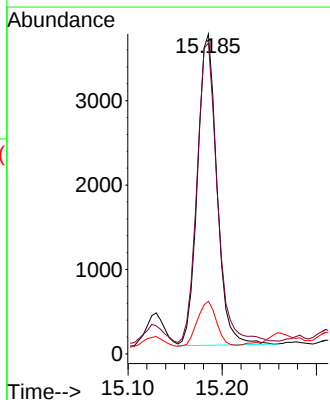
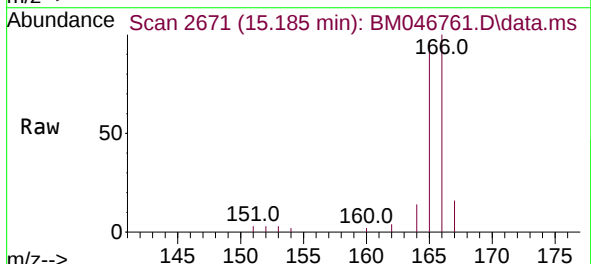
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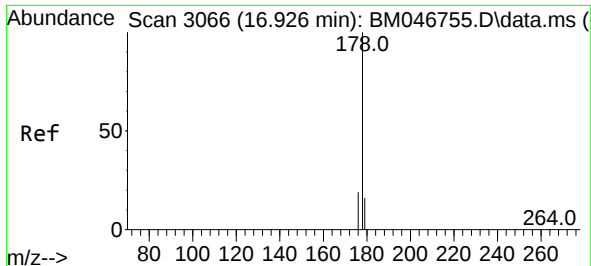
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.126 ng/ul
RT: 15.185 min Scan# 2671
Delta R.T. -0.005 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

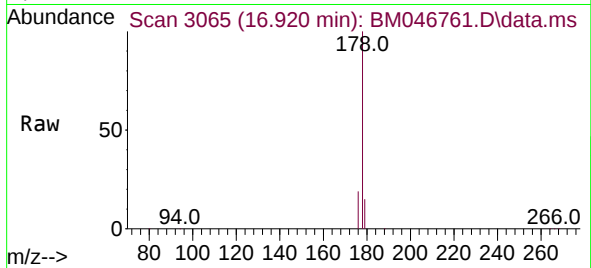
Tgt Ion:166 Resp: 5280
Ion Ratio Lower Upper
166 100
165 97.2 76.1 114.1
167 16.5 12.5 18.7





#15
Phenanthrene
Concen: 1.845 ng/ul
RT: 16.920 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

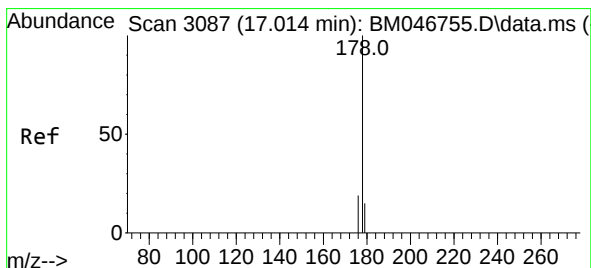
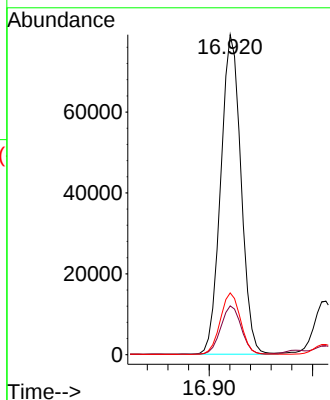
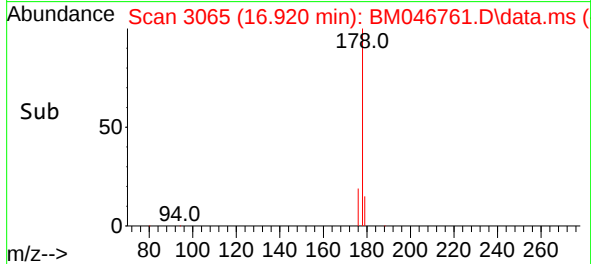
Instrument :
BNA_M
ClientSampleId :
A4BY9DL



Tgt Ion:178 Resp: 107534
Ion Ratio Lower Upper
178 100
179 15.3 13.1 19.7
176 19.3 16.0 24.0

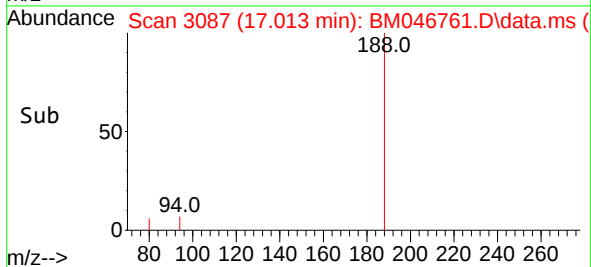
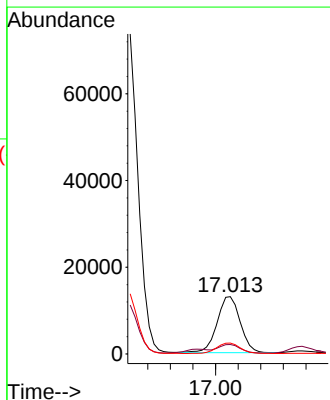
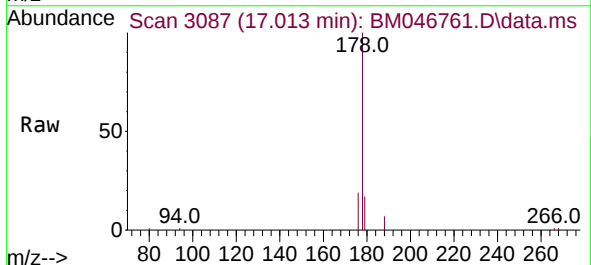
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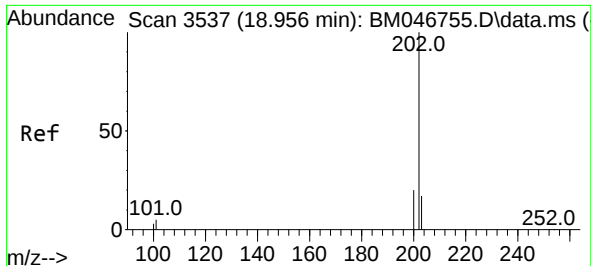
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#16
Anthracene
Concen: 0.323 ng/ul
RT: 17.013 min Scan# 3087
Delta R.T. -0.004 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

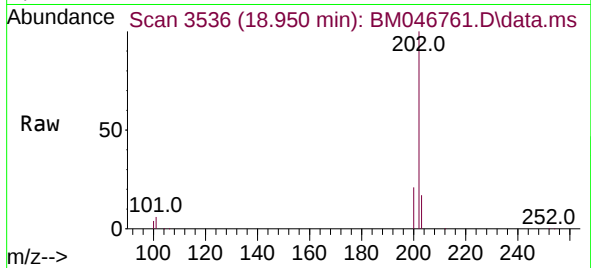
Tgt Ion:178 Resp: 18354
Ion Ratio Lower Upper
178 100
179 16.6 13.5 20.3
176 19.0 15.7 23.5





#19
Fluoranthene
Concen: 3.520 ng/ul
RT: 18.950 min Scan# 3537
Delta R.T. -0.005 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

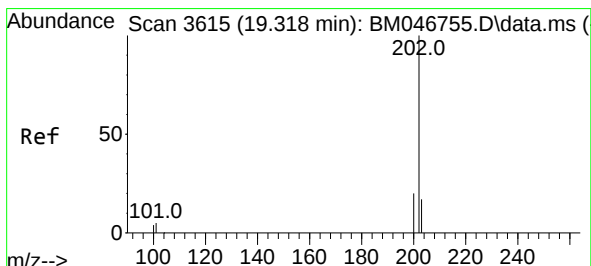
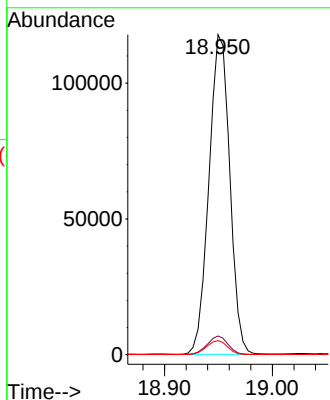
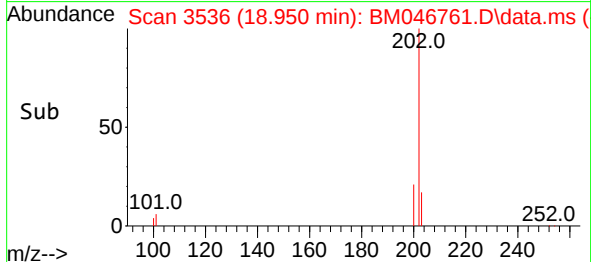
Instrument :
BNA_M
ClientSampleId :
A4BY9DL



Tgt Ion:202 Resp: 15804
Ion Ratio Lower Upper
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101 5.8 4.6 6.8
100 4.4 3.0 4.6

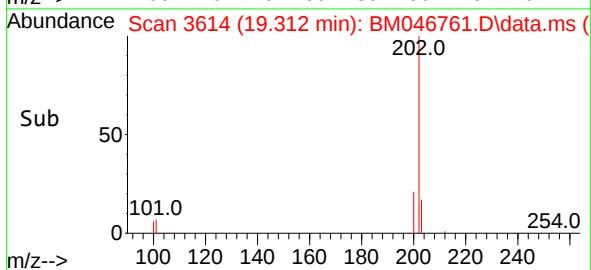
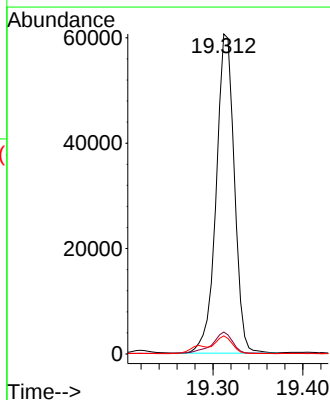
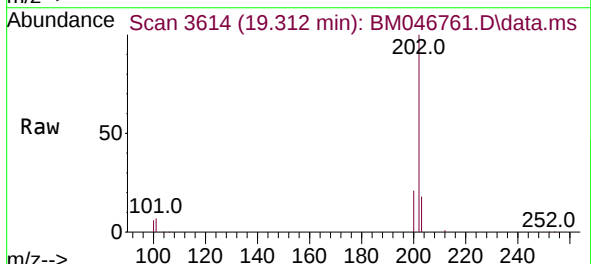
Manual Integrations
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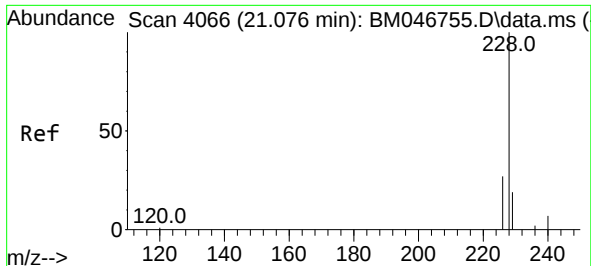
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#20
Pyrene
Concen: 1.748 ng/ul
RT: 19.312 min Scan# 3614
Delta R.T. -0.010 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

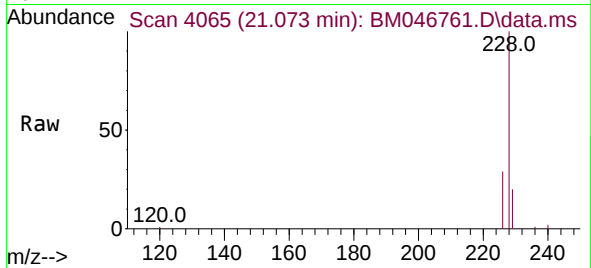
Tgt Ion:202 Resp: 84964
Ion Ratio Lower Upper
202 100
101 6.8 5.1 7.7
100 5.7 3.8 5.6#





#21
Benzo(a)anthracene
Concen: 1.325 ng/ul
RT: 21.073 min Scan# 4066
Delta R.T. -0.006 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

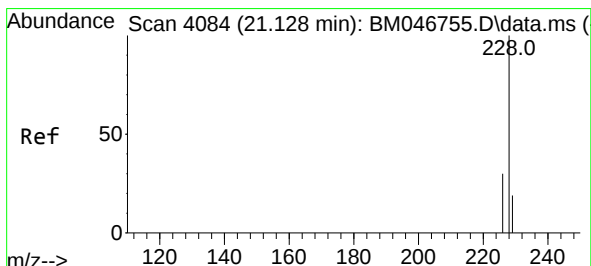
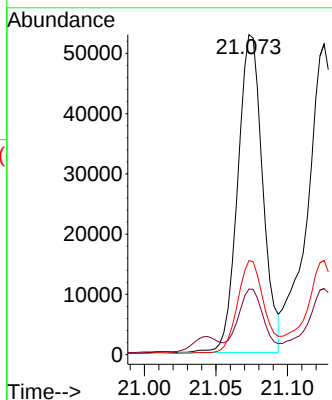
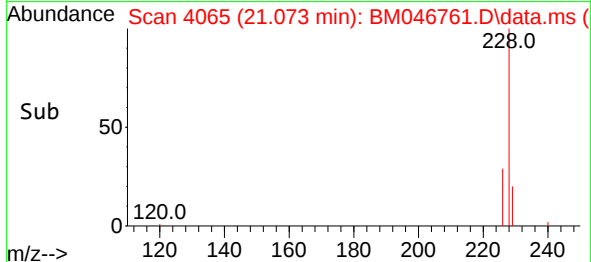
Instrument :
BNA_M
ClientSampleId :
A4BY9DL



Tgt Ion:228 Resp: 6410
Ion Ratio Lower Upper
228 100
229 20.5 16.5 24.7
226 29.4 22.5 33.7

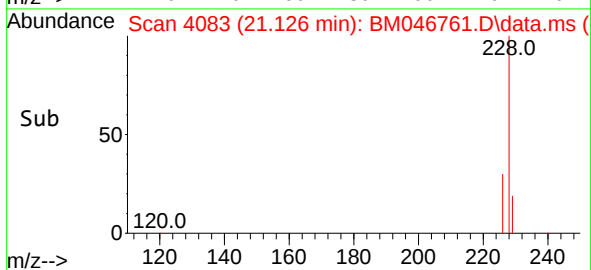
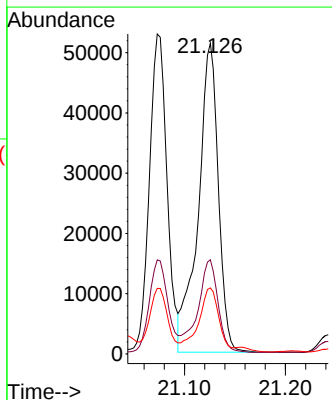
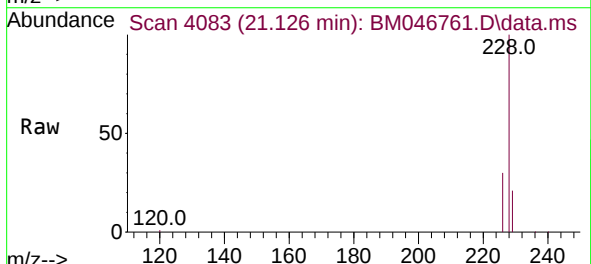
Manual Integrations
APPROVED

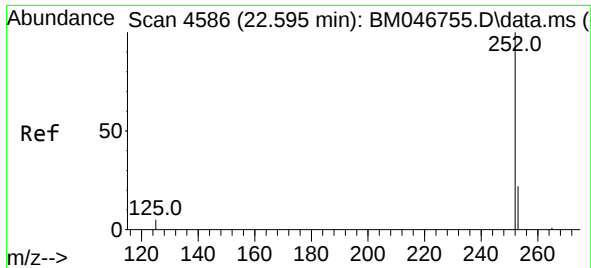
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 1.517 ng/ul
RT: 21.126 min Scan# 4083
Delta R.T. -0.006 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

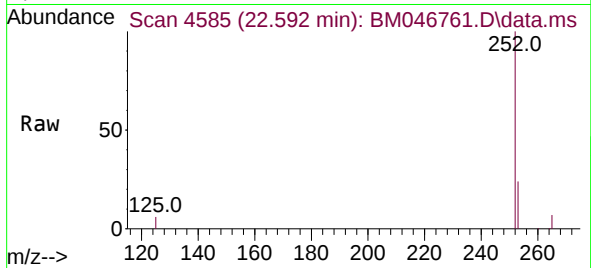
Tgt Ion:228 Resp: 70992
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.026 ng/ul m
RT: 22.592 min Scan# 4586
Delta R.T. -0.006 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

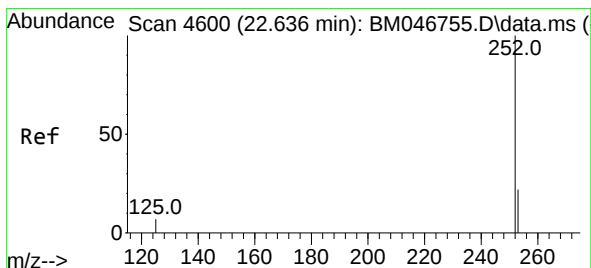
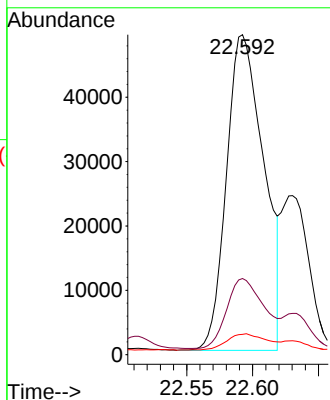
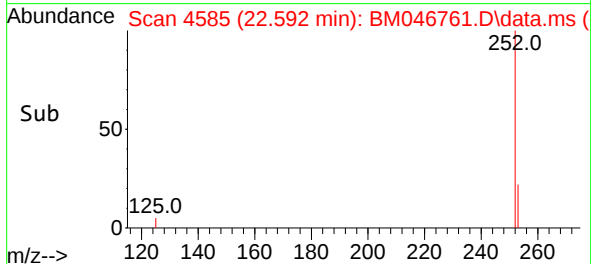
Instrument :
BNA_M
ClientSampleId :
A4BY9DL



Tgt Ion:252 Resp: 96714
Ion Ratio Lower Upper
252 100
253 23.8 0.0 56.2
125 6.4 0.0 17.8

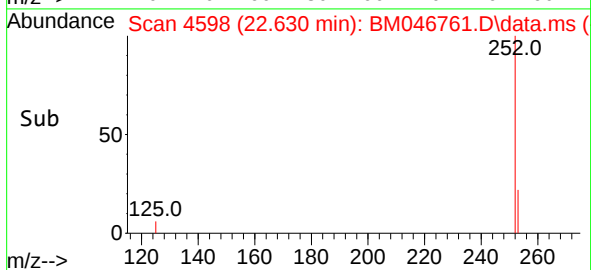
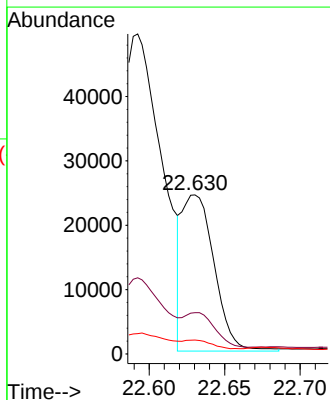
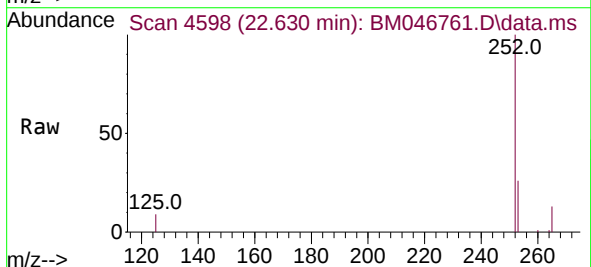
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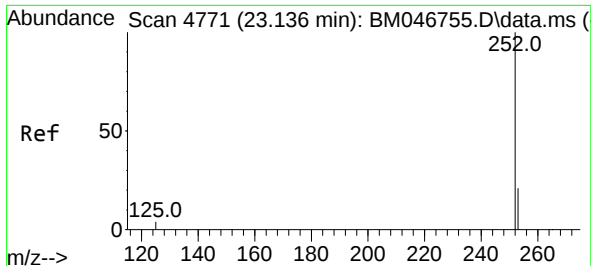
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#25
Benzo(k)fluoranthene
Concen: 0.768 ng/ul m
RT: 22.630 min Scan# 4598
Delta R.T. -0.009 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

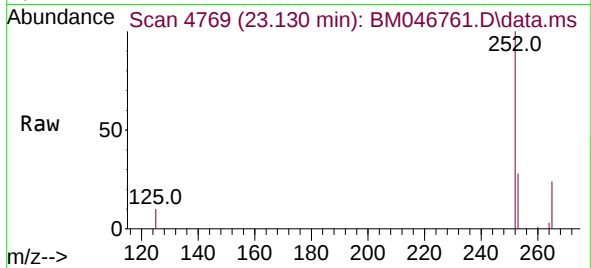
Tgt Ion:252 Resp: 35978
Ion Ratio Lower Upper
252 100
253 26.0 22.4 33.6
125 8.7 7.0 10.4





#26
Benzo(a)pyrene
Concen: 0.608 ng/ul
RT: 23.130 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

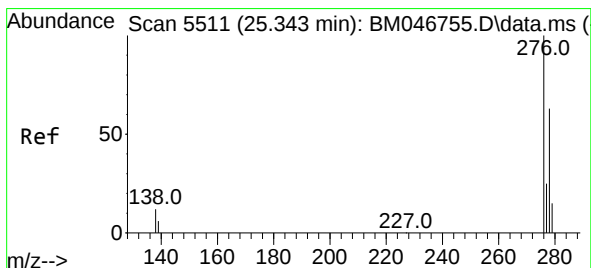
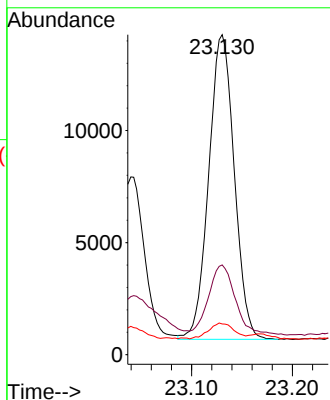
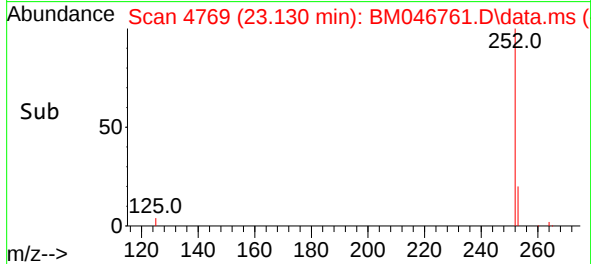
Instrument :
BNA_M
ClientSampleId :
A4BY9DL



Tgt Ion:252 Resp: 23898
Ion Ratio Lower Upper
252 100
253 28.1 24.0 36.0
125 9.6 8.2 12.2

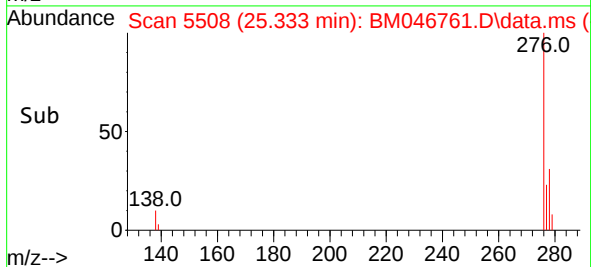
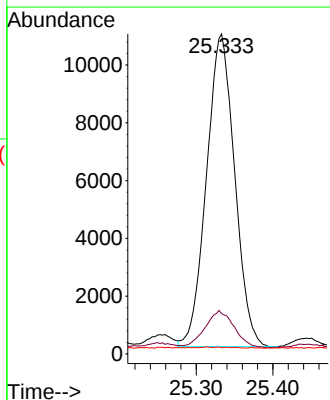
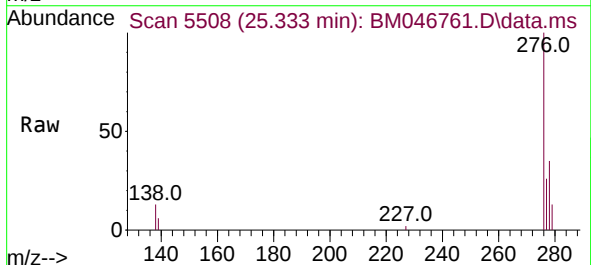
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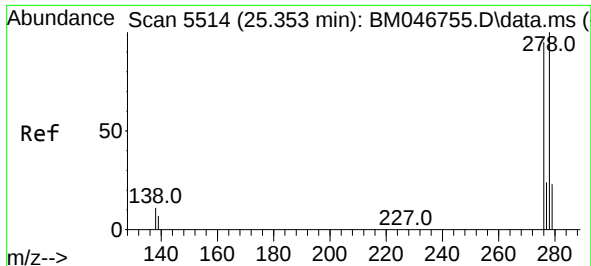
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.462 ng/ul
RT: 25.333 min Scan# 5508
Delta R.T. -0.014 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

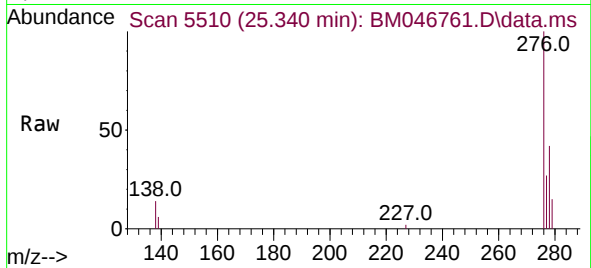
Tgt Ion:276 Resp: 27646
Ion Ratio Lower Upper
276 100
138 12.1 0.0 0.0#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.246 ng/ul
RT: 25.340 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

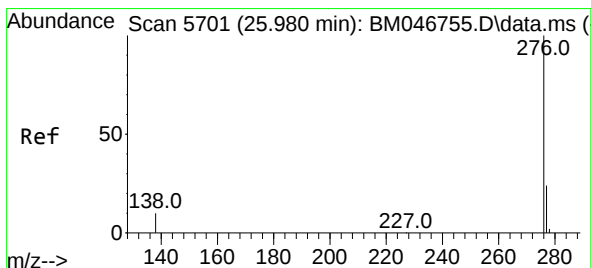
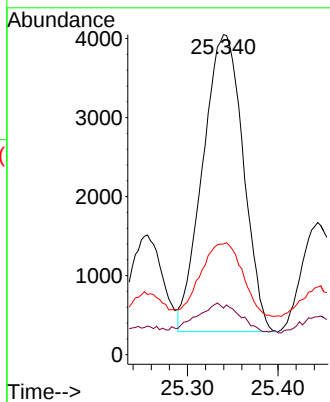
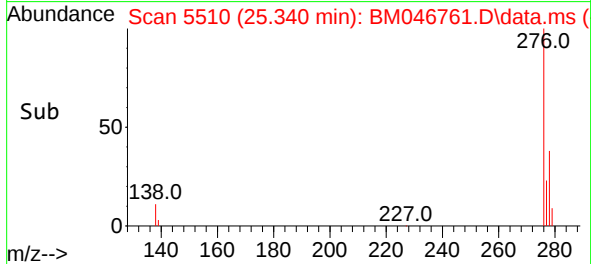
Instrument :
BNA_M
ClientSampleId :
A4BY9DL



Tgt Ion:278 Resp: 1166
Ion Ratio Lower Upper
278 100
139 14.6 9.1 13.7
279 34.6 23.2 34.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.084 ng/ul
RT: 25.974 min Scan# 5699
Delta R.T. -0.010 min
Lab File: BM046761.D
Acq: 22 Jul 2024 23:30

Tgt Ion:276 Resp: 4021
Ion Ratio Lower Upper
276 100
138 24.9 10.2 15.4#
277 36.7 20.9 31.3#

