

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046762.D
 Acq On : 23 Jul 2024 00:07
 Operator : MA/JU
 Sample : P3201-16DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CJ0DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 00:51:59 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	7.481	152	3287	0.400	ng/ul	0.00
4) Naphthalene-d8	10.237	136	8677	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.126	164	5525	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.883	188	14203	0.400	ng/ul	0.00
17) Chrysene-d12	21.088	240	9378	0.400	ng/ul	0.00
23) Perylene-d12	23.219	264	10452	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	1825	0.676	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.837	152	691	0.049	ng/ul	-0.01
18) Fluoranthene-d10	18.922	212	1402	0.049	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.287	128	450	0.020	ng/ul#	68
10) Acenaphthylene	13.840	152	667	0.027	ng/ul#	78
11) Acenaphthene	14.191	153	686	0.041	ng/ul	98
12) Fluorene	15.186	166	814	0.039	ng/ul#	98
15) Phenanthrene	16.921	178	14521	0.358	ng/ul	99
16) Anthracene	17.014	178	2511	0.063	ng/ul	94
19) Fluoranthene	18.950	202	18432	0.479	ng/ul#	98
20) Pyrene	19.317	202	16877	0.405	ng/ul	99
21) Benzo(a)anthracene	21.074	228	7595	0.183	ng/ul	94
22) Chrysene	21.123	228	8145	0.203	ng/ul	95
24) Benzo(b)fluoranthene	22.590	252	10612m	0.254	ng/ul	
25) Benzo(k)fluoranthene	22.628	252	3916m	0.096	ng/ul	
26) Benzo(a)pyrene	23.131	252	7160	0.208	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.334	276	5478	0.105	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.344	278	1418	0.034	ng/ul#	6
29) Benzo(g,h,i)perylene	25.967	276	5673	0.136	ng/ul#	90

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

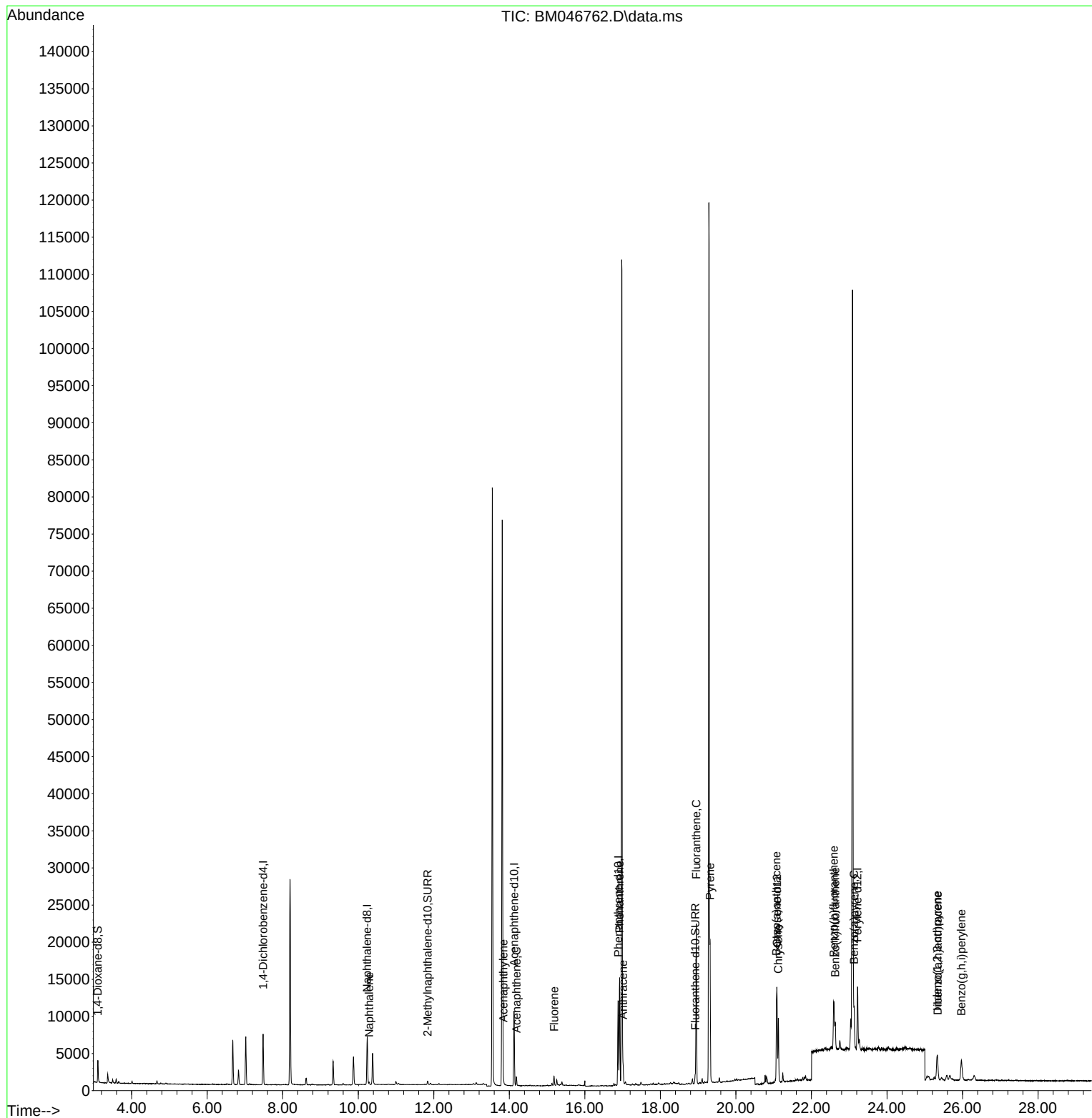
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046762.D
Acq On : 23 Jul 2024 00:07
Operator : MA/JU
Sample : P3201-16DL 5X
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ALS Vial : 19 Sample Multiplier: 1

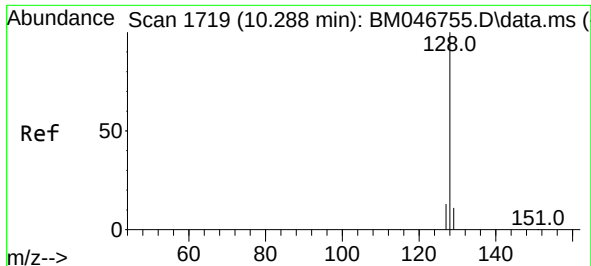
Instrument :
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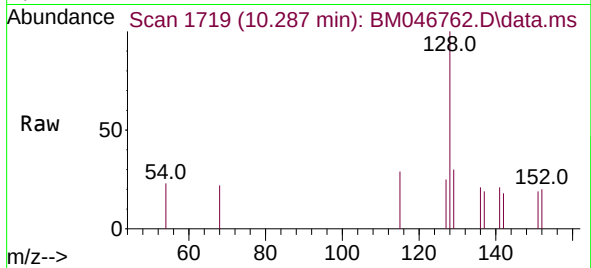
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.020 ng/u1
RT: 10.287 min Scan# 1719
Delta R.T. -0.011 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07

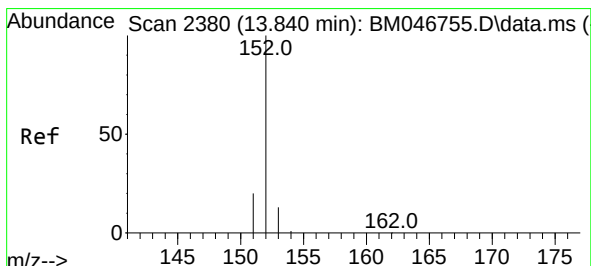
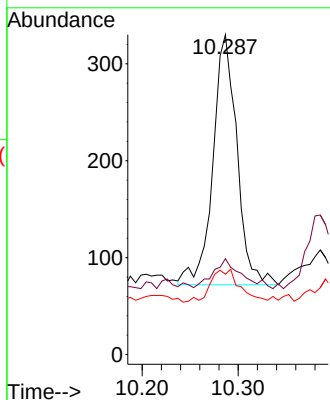
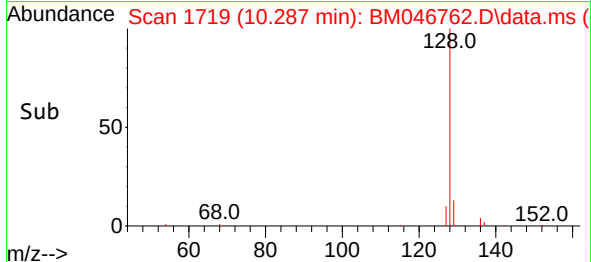
Instrument :
BNA_M
ClientSampleId :
A4CJ0DL



Tgt Ion:128 Resp: 450
Ion Ratio Lower Upper
128 100
129 30.0 10.3 15.5#
127 25.2 12.2 18.4#

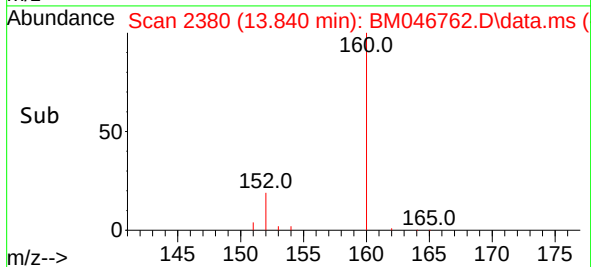
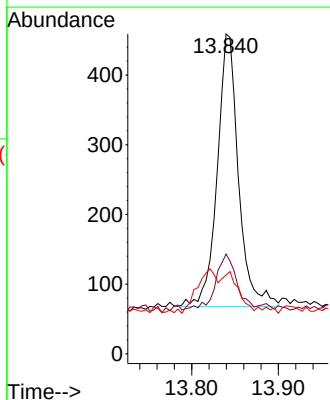
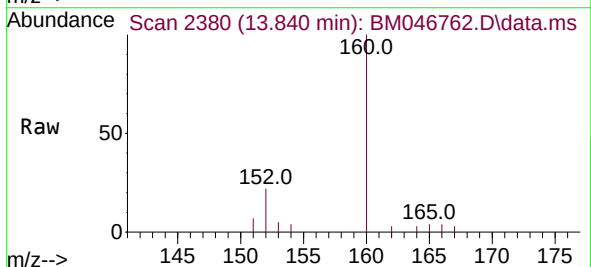
Manual Integrations
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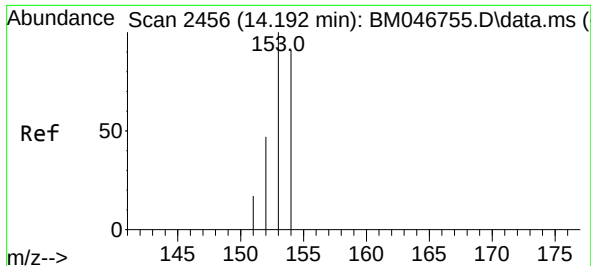
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.027 ng/u1
RT: 13.840 min Scan# 2380
Delta R.T. -0.009 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07

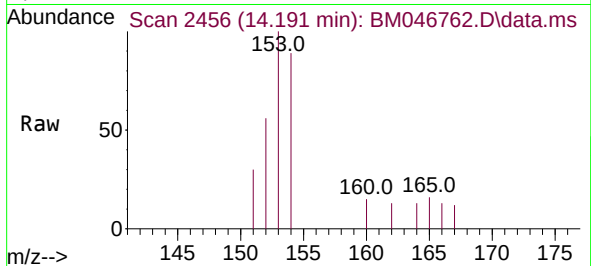
Tgt Ion:152 Resp: 667
Ion Ratio Lower Upper
152 100
151 31.2 16.4 24.6#
153 24.6 12.4 18.6#





#11
Acenaphthene
Concen: 0.041 ng/u1
RT: 14.191 min Scan# 2456
Delta R.T. -0.004 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07

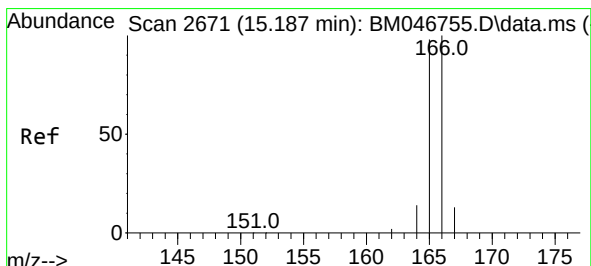
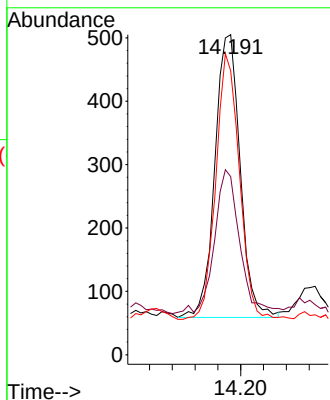
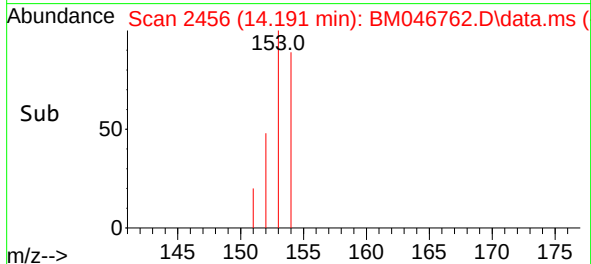
Instrument :
BNA_M
ClientSampleId :
A4CJ0DL



Tgt Ion:153 Resp: 680
Ion Ratio Lower Upper
153 100
152 55.6 43.0 64.6
154 88.7 69.9 104.9

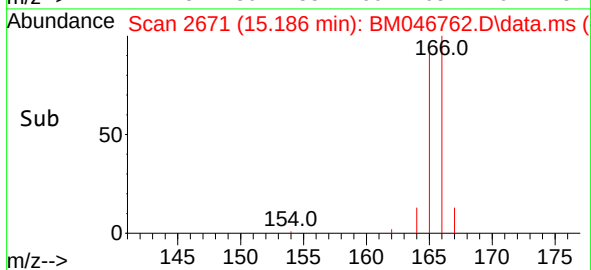
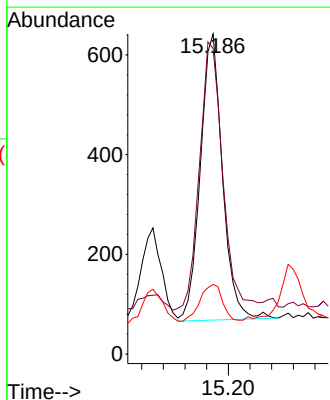
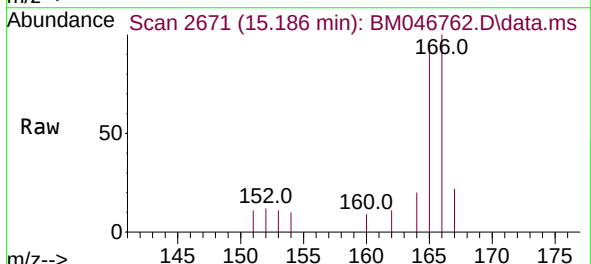
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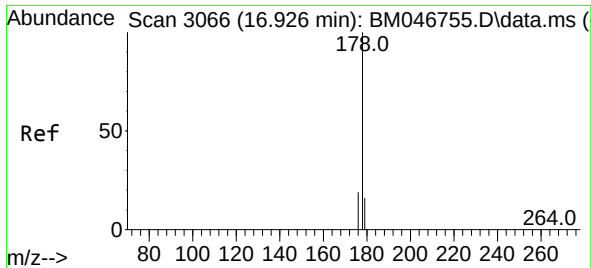
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.039 ng/u1
RT: 15.186 min Scan# 2671
Delta R.T. -0.004 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07

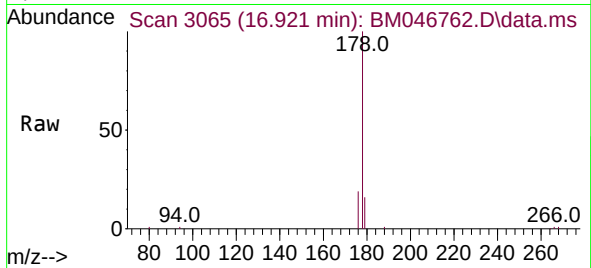
Tgt Ion:166 Resp: 814
Ion Ratio Lower Upper
166 100
165 95.5 76.1 114.1
167 21.8 12.5 18.7#





#15
Phenanthrene
Concen: 0.358 ng/u1
RT: 16.921 min Scan# 3065
Delta R.T. -0.004 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07

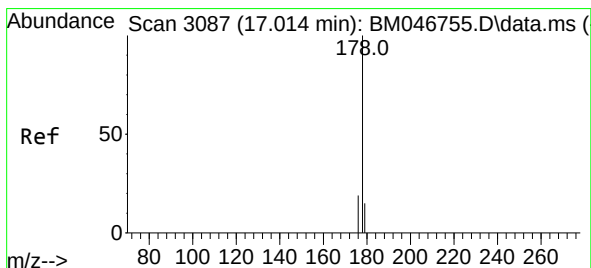
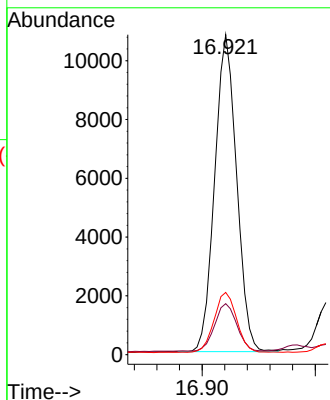
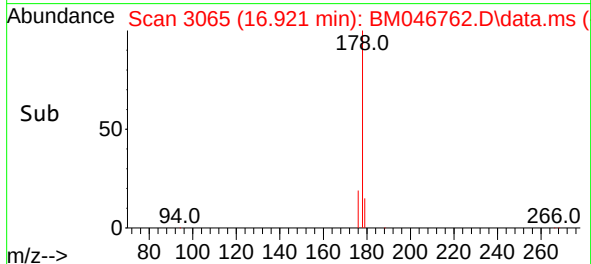
Instrument :
BNA_M
ClientSampleId :
A4CJ0DL



Tgt Ion:178 Resp: 1452
Ion Ratio Lower Upper
178 100
179 15.9 13.1 19.7
176 19.5 16.0 24.0

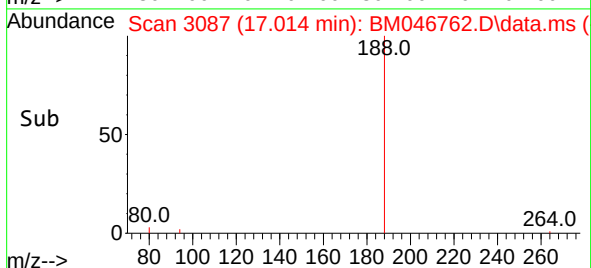
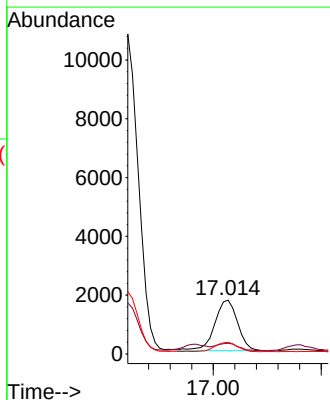
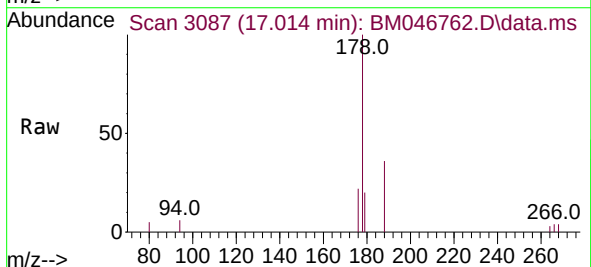
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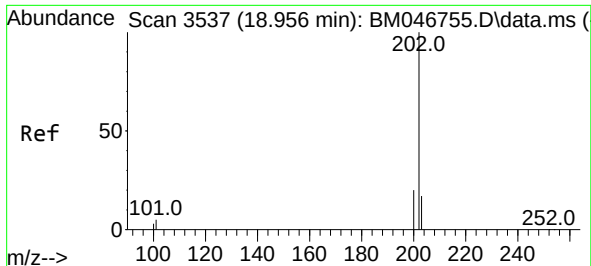
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#16
Anthracene
Concen: 0.063 ng/u1
RT: 17.014 min Scan# 3087
Delta R.T. -0.004 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07

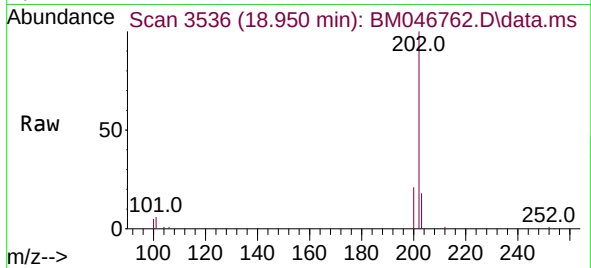
Tgt Ion:178 Resp: 2511
Ion Ratio Lower Upper
178 100
179 19.9 13.5 20.3
176 21.8 15.7 23.5





#19
Fluoranthene
Concen: 0.479 ng/u1
RT: 18.950 min Scan# 3537
Delta R.T. -0.004 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07

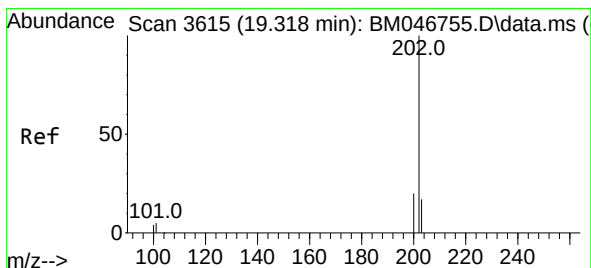
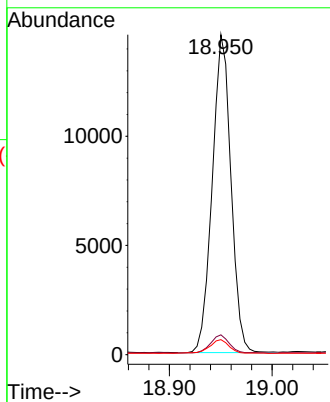
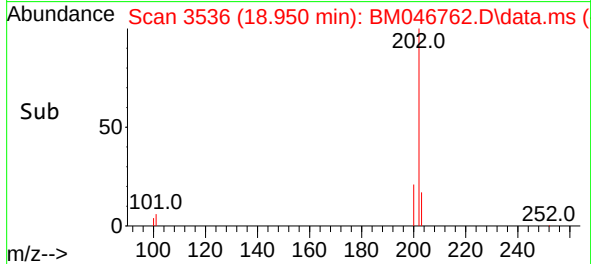
Instrument :
BNA_M
ClientSampleId :
A4CJ0DL



Tgt Ion:202 Resp: 18432
Ion Ratio Lower Upper
202 100
101 6.2 4.6 6.8
100 4.7 3.0 4.6

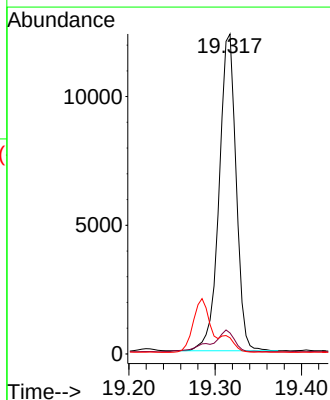
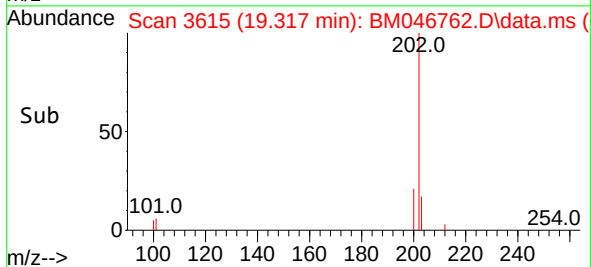
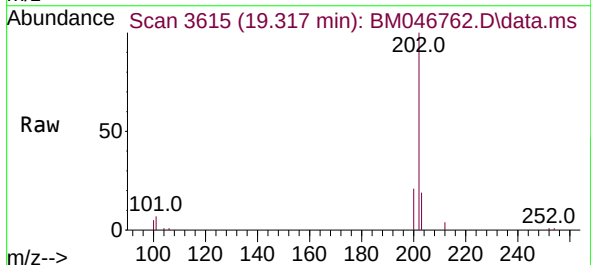
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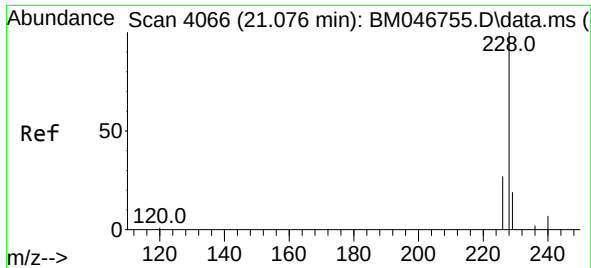
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#20
Pyrene
Concen: 0.405 ng/u1
RT: 19.317 min Scan# 3615
Delta R.T. -0.004 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07

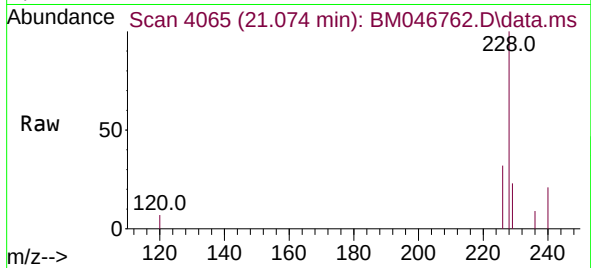
Tgt Ion:202 Resp: 16877
Ion Ratio Lower Upper
202 100
101 6.5 5.1 7.7
100 5.1 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.183 ng/ul
RT: 21.074 min Scan# 4066
Delta R.T. -0.006 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07

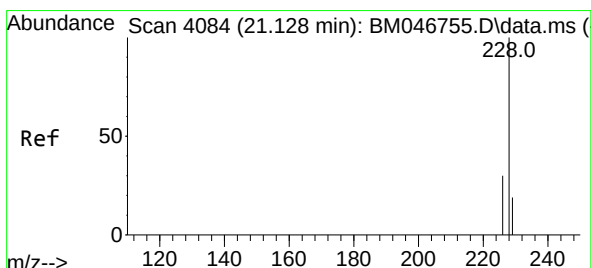
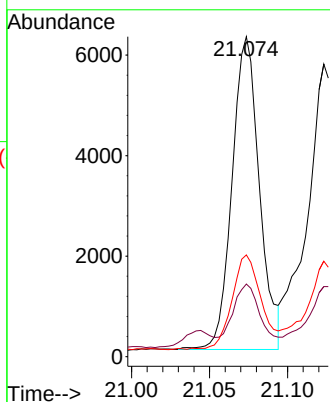
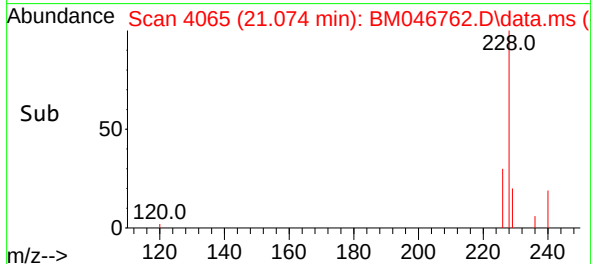
Instrument :
BNA_M
ClientSampleId :
A4CJ0DL



Tgt Ion:228 Resp: 759
Ion Ratio Lower Upper
228 100
229 22.7 16.5 24.7
226 31.8 22.5 33.7

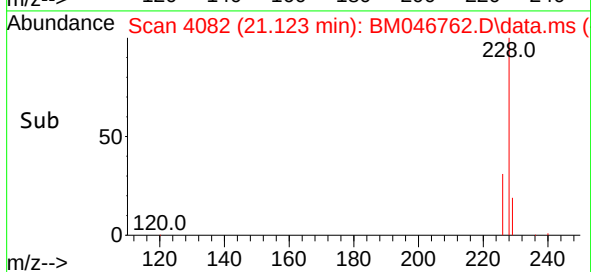
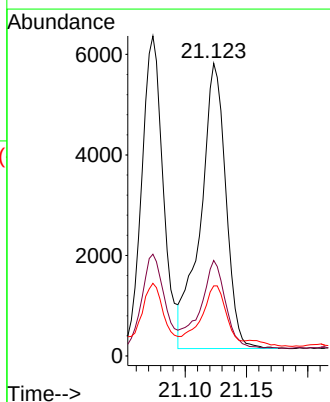
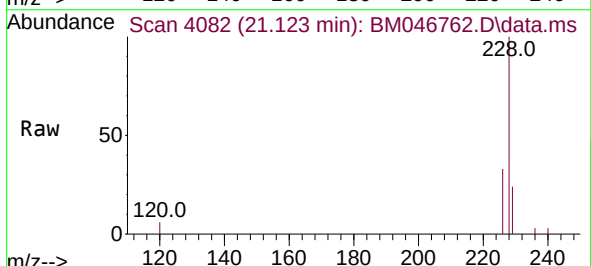
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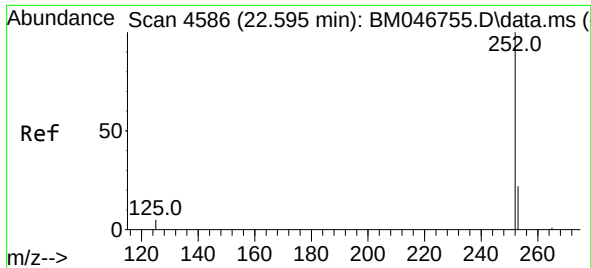
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 0.203 ng/ul
RT: 21.123 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07

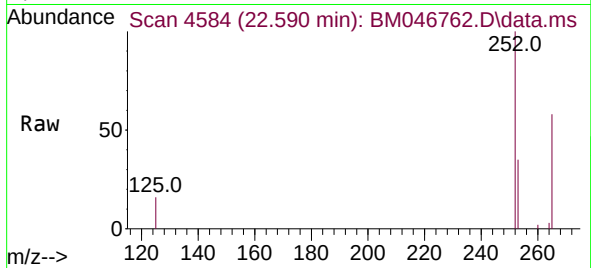
Tgt Ion:228 Resp: 8145
Ion Ratio Lower Upper
228 100
226 32.6 24.3 36.5
229 24.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.254 ng/ul m
RT: 22.590 min Scan# 4586
Delta R.T. -0.009 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07

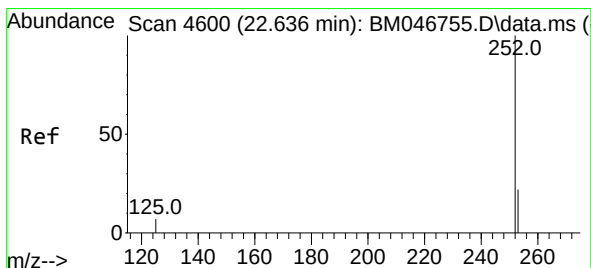
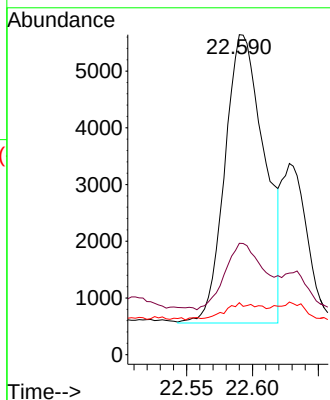
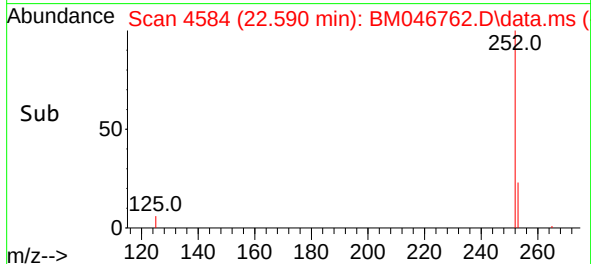
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BNA_M
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A4CJ0DL



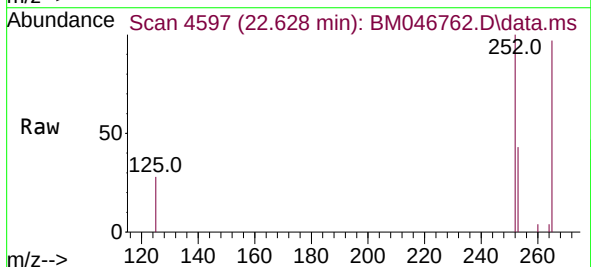
Tgt Ion:252 Resp: 1061
Ion Ratio Lower Upper
252 100
253 34.8 0.0 56.2
125 16.3 0.0 17.8

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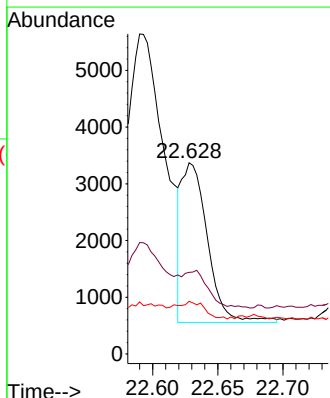
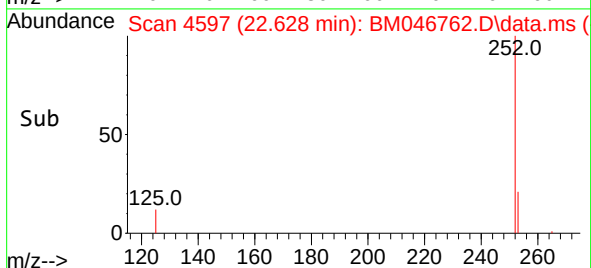
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

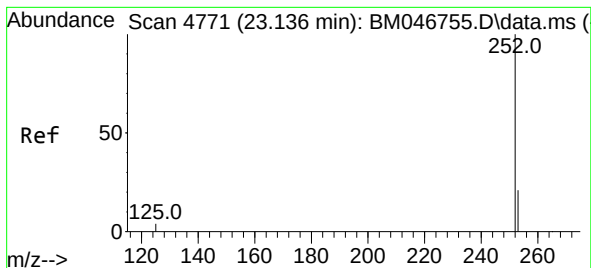


#25
Benzo(k)fluoranthene
Concen: 0.096 ng/ul m
RT: 22.628 min Scan# 4597
Delta R.T. -0.011 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07



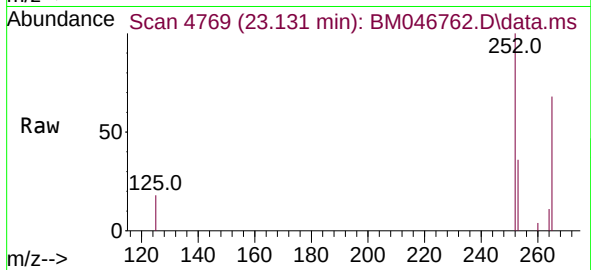
Tgt Ion:252 Resp: 3916
Ion Ratio Lower Upper
252 100
253 42.7 22.4 33.6#
125 27.5 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.208 ng/ul
RT: 23.131 min Scan# 4769
Delta R.T. -0.009 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07

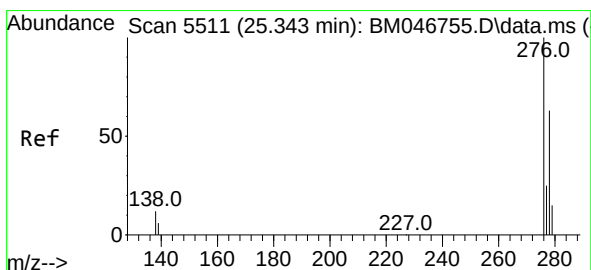
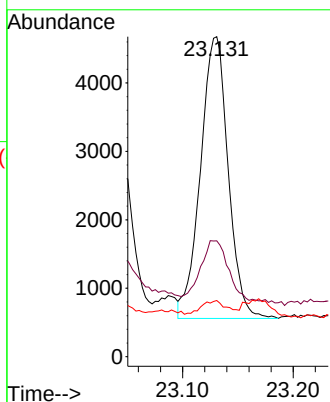
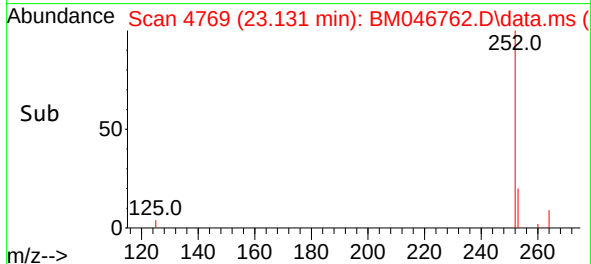
Instrument :
BNA_M
ClientSampleId :
A4CJ0DL



Tgt Ion:252 Resp: 7160
Ion Ratio Lower Upper
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253 36.2 24.0 36.0#
125 17.6 8.2 12.2#

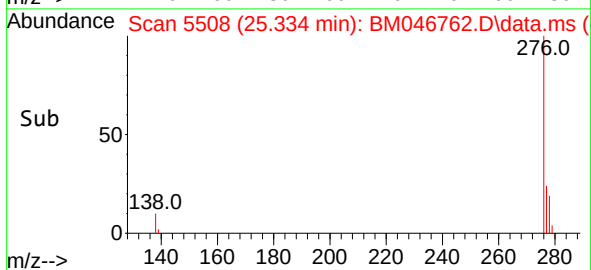
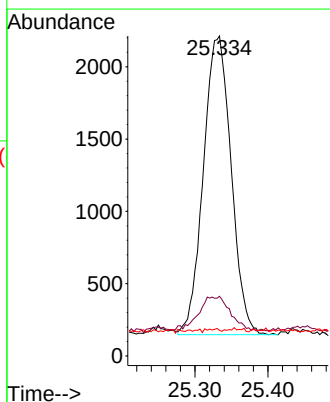
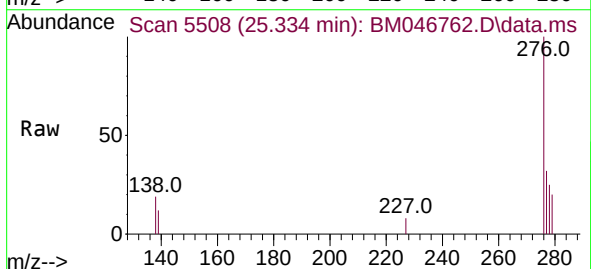
Manual Integrations
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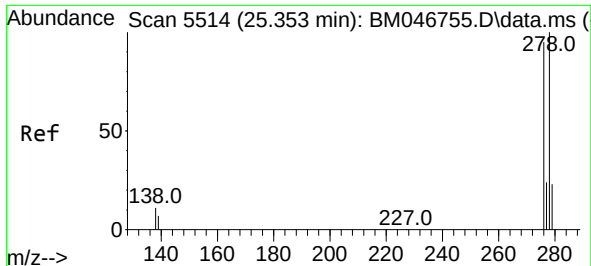
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng/ul
RT: 25.334 min Scan# 5508
Delta R.T. -0.013 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07

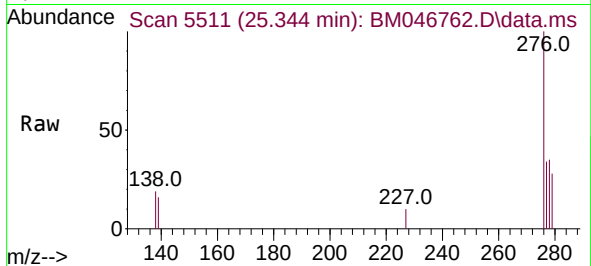
Tgt Ion:276 Resp: 5478
Ion Ratio Lower Upper
276 100
138 13.2 0.0 0.0#
227 0.6 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.344 min Scan# 5111
Delta R.T. -0.017 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07

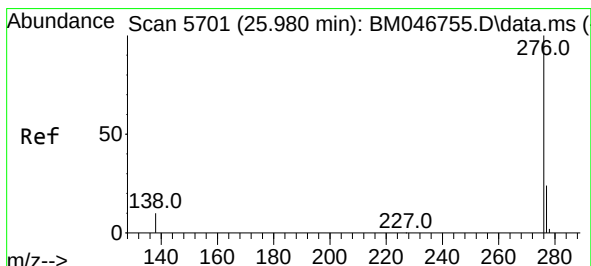
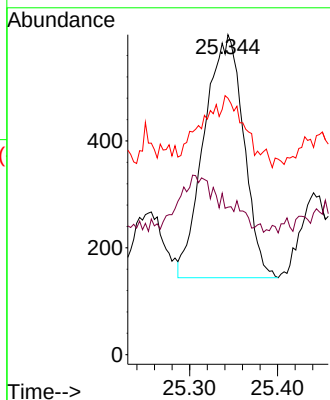
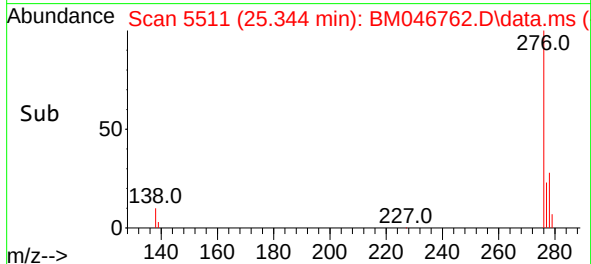
Instrument :
BNA_M
ClientSampleId :
A4CJ0DL



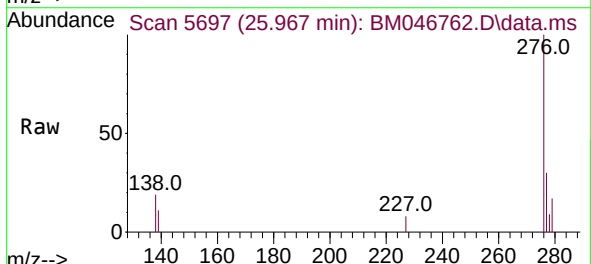
Tgt Ion:278 Resp: 1418
Ion Ratio Lower Upper
278 100
139 46.1 9.1 13.7
279 80.1 23.2 34.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.136 ng/ul
RT: 25.967 min Scan# 5697
Delta R.T. -0.017 min
Lab File: BM046762.D
Acq: 23 Jul 2024 00:07



Tgt Ion:276 Resp: 5673
Ion Ratio Lower Upper
276 100
138 18.5 10.2 15.4
277 30.2 20.9 31.3

