

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046766.D
 Acq On : 23 Jul 2024 02:32
 Operator : MA/JU
 Sample : P3201-15DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CH9DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 03:03:21 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	3278	0.400	ng/ul	0.00
4) Naphthalene-d8	10.237	136	8571	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.126	164	5265	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.878	188	17542	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.085	240	13833	0.400	ng/ul	#-0.01
23) Perylene-d12	23.218	264	15701	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	1433	0.532	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.837	152	514	0.037	ng/ul	-0.01
18) Fluoranthene-d10	18.917	212	1757	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.286	128	761	0.035	ng/ul#	82
7) 2-Methylnaphthalene	11.909	142	411	0.027	ng/ul	96
10) Acenaphthylene	13.839	152	545	0.023	ng/ul#	72
11) Acenaphthene	14.186	153	1602	0.100	ng/ul	99
12) Fluorene	15.181	166	1761	0.089	ng/ul	99
15) Phenanthrene	16.920	178	34106	0.681	ng/ul	99
16) Anthracene	17.013	178	7229	0.148	ng/ul	99
19) Fluoranthene	18.950	202	48069	0.846	ng/ul#	96
20) Pyrene	19.312	202	33591	0.546	ng/ul#	94
21) Benzo(a)anthracene	21.070	228	20802	0.340	ng/ul	98
22) Chrysene	21.123	228	21317	0.360	ng/ul	97
24) Benzo(b)fluoranthene	22.587	252	27589m	0.440	ng/ul	
25) Benzo(k)fluoranthene	22.628	252	10080m	0.164	ng/ul	
26) Benzo(a)pyrene	23.125	252	9883	0.191	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.327	276	6932	0.088	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.337	278	2563	0.041	ng/ul#	39

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

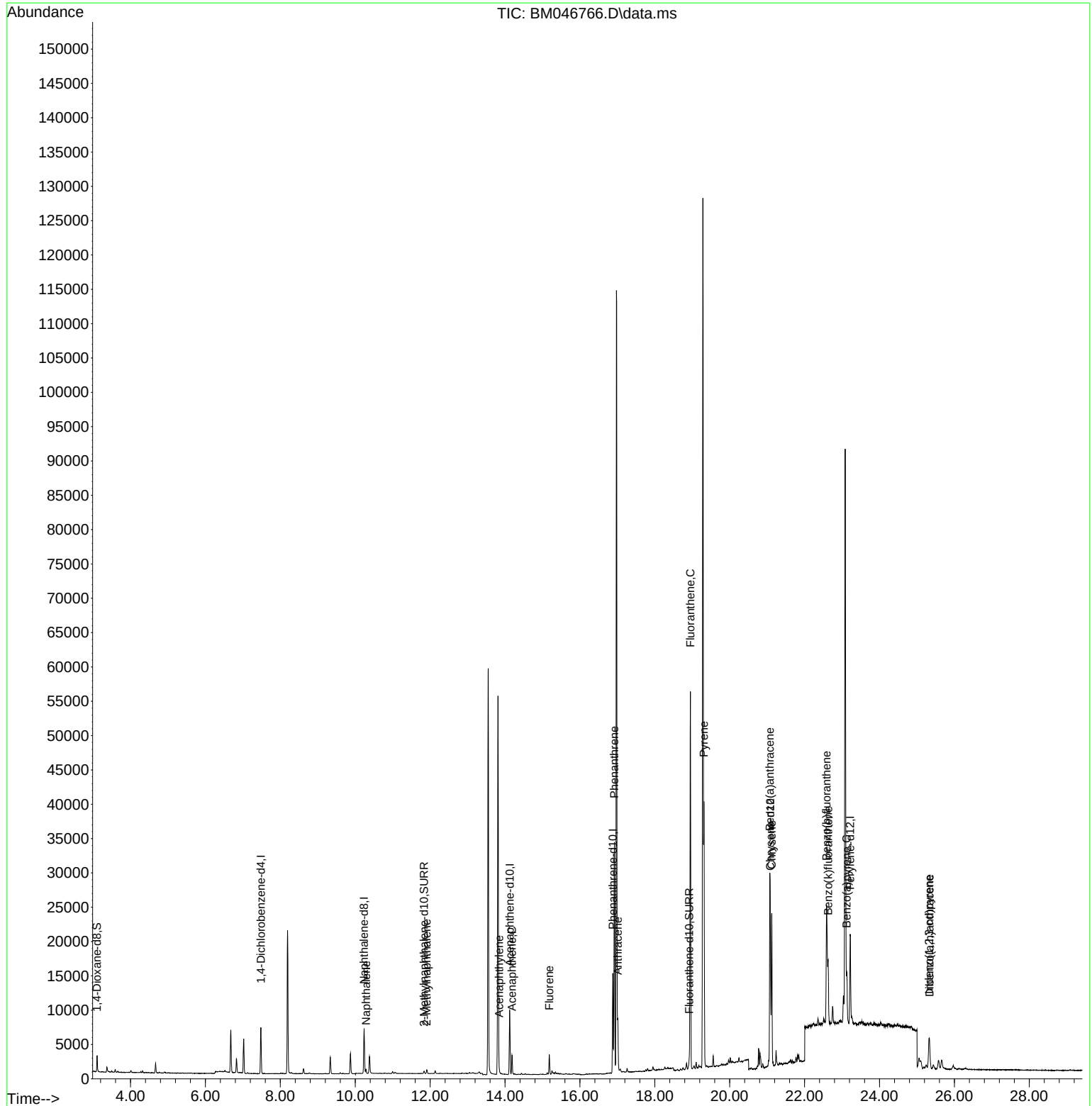
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046766.D
Acq On : 23 Jul 2024 02:32
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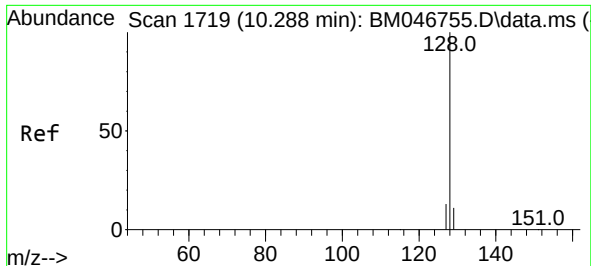
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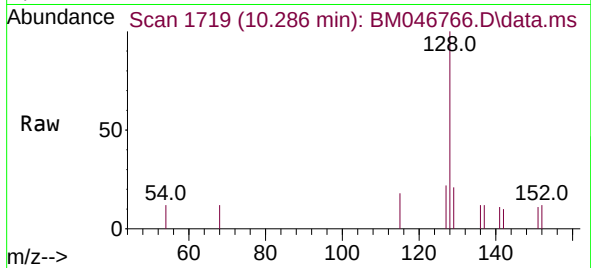
Quant Time: Jul 23 03:03:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.286 min Scan# 1719
Delta R.T. -0.011 min
Lab File: BM046766.D
Acq: 23 Jul 2024 02:32

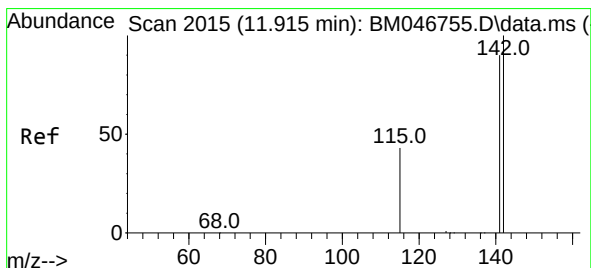
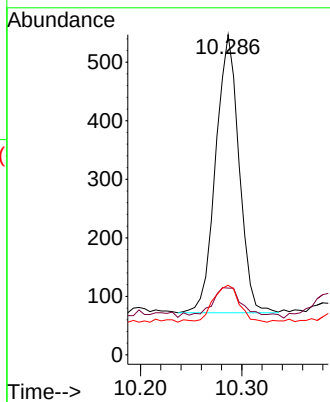
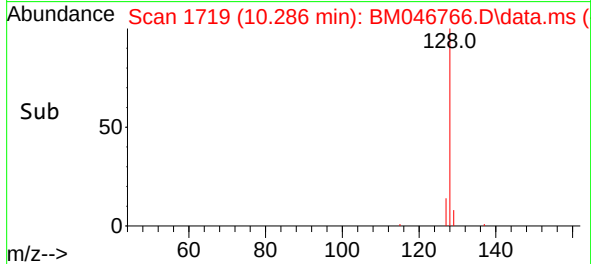
Instrument :
BNA_M
ClientSampleId :
A4CH9DL



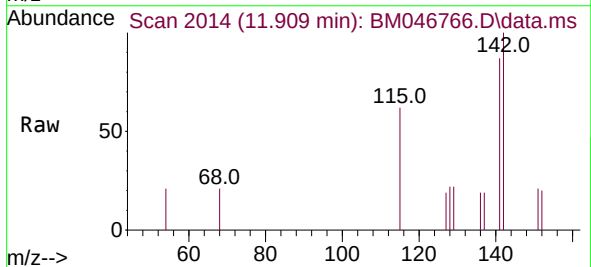
Tgt Ion:128 Resp: 76
Ion Ratio Lower Upper
128 100
129 20.8 10.3 15.5
127 21.8 12.2 18.4

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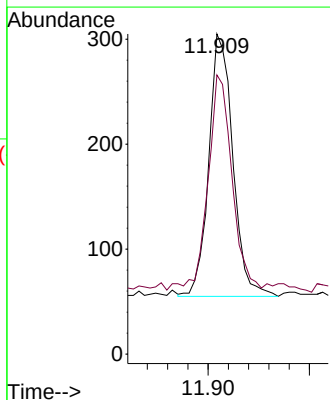
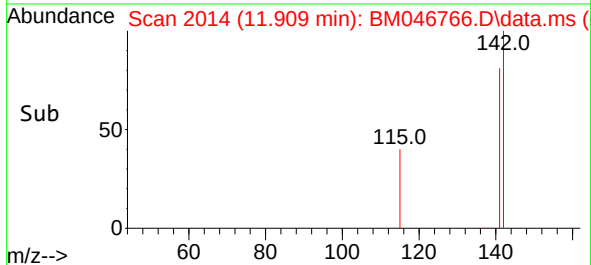
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

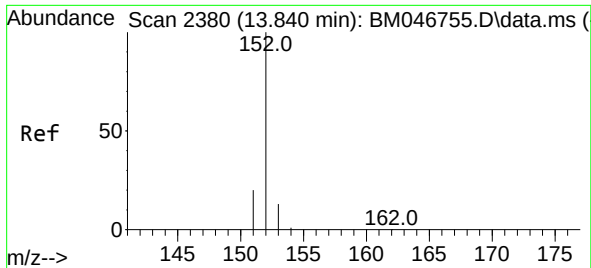


#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 11.909 min Scan# 2014
Delta R.T. -0.011 min
Lab File: BM046766.D
Acq: 23 Jul 2024 02:32



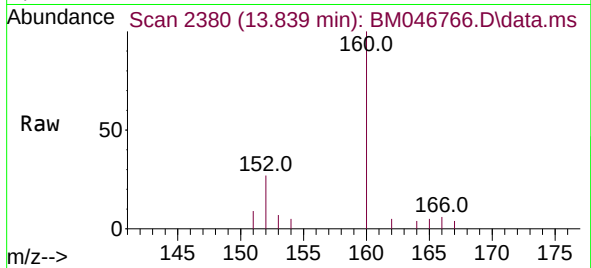
Tgt Ion:142 Resp: 411
Ion Ratio Lower Upper
142 100
141 84.2 70.3 105.5





#10
Acenaphthylene
Concen: 0.023 ng/u1
RT: 13.839 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM046766.D
Acq: 23 Jul 2024 02:32

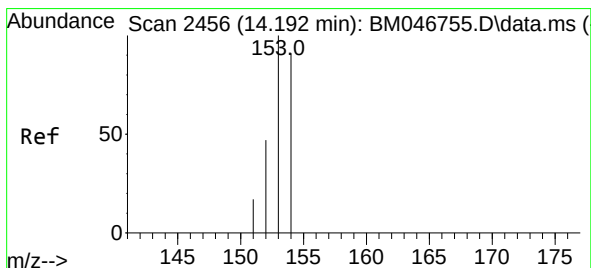
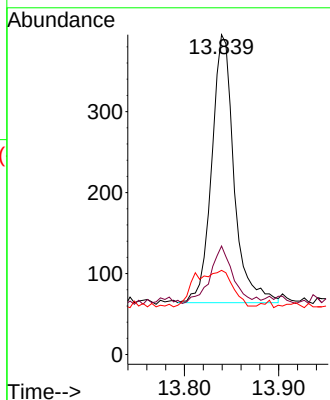
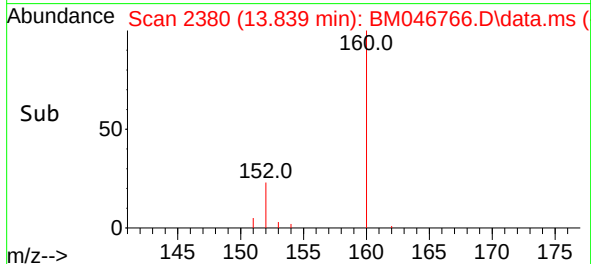
Instrument :
BNA_M
ClientSampleId :
A4CH9DL



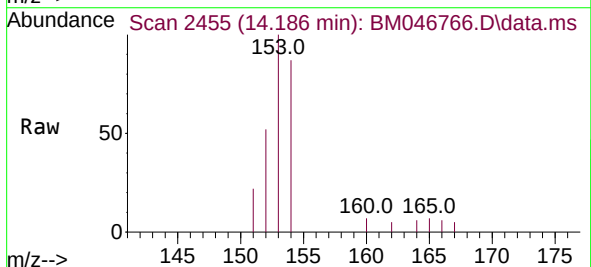
Tgt Ion:152 Resp: 549
Ion Ratio Lower Upper
152 100
151 33.9 16.4 24.6
153 26.3 12.4 18.6

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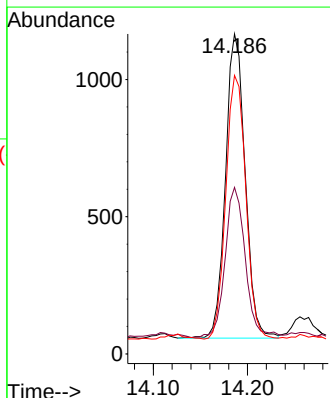
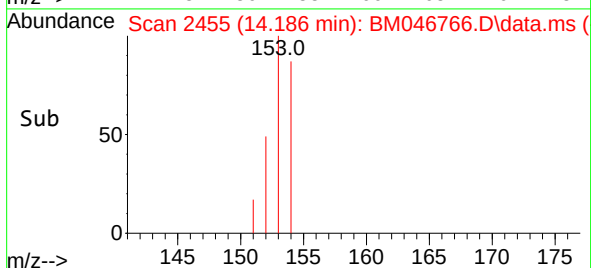
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

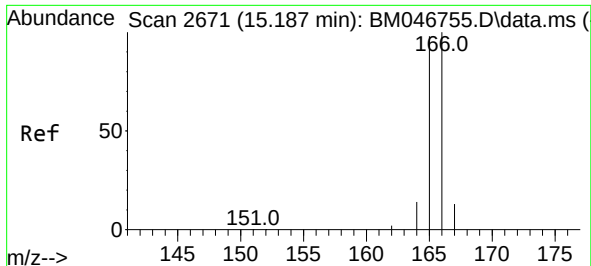


#11
Acenaphthene
Concen: 0.100 ng/u1
RT: 14.186 min Scan# 2455
Delta R.T. -0.009 min
Lab File: BM046766.D
Acq: 23 Jul 2024 02:32



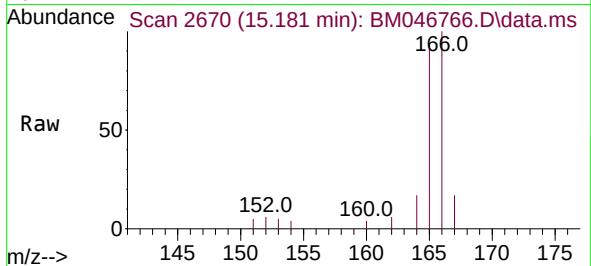
Tgt Ion:153 Resp: 1602
Ion Ratio Lower Upper
153 100
152 52.1 43.0 64.6
154 87.0 69.9 104.9





#12
Fluorene
Concen: 0.089 ng/ul
RT: 15.181 min Scan# 2670
Delta R.T. -0.009 min
Lab File: BM046766.D
Acq: 23 Jul 2024 02:32

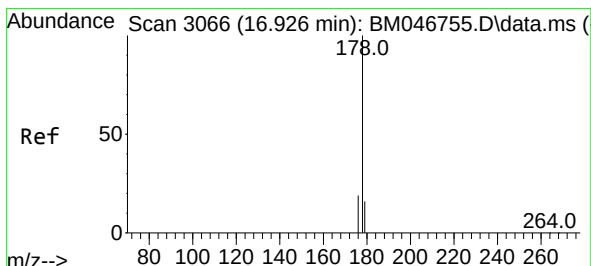
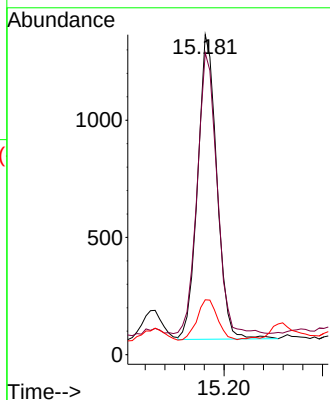
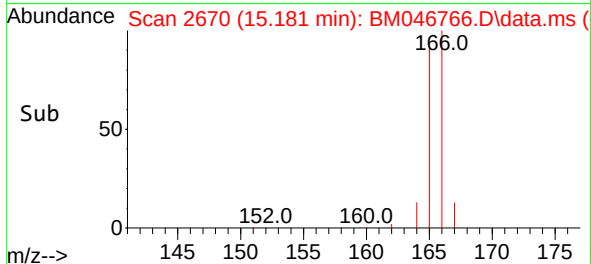
Instrument :
BNA_M
ClientSampleId :
A4CH9DL



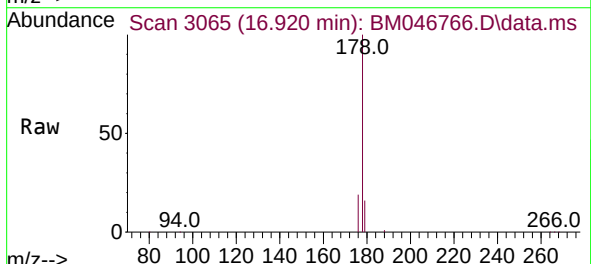
Tgt Ion:166 Resp: 176
Ion Ratio Lower Upper
166 100
165 94.3 76.1 114.1
167 17.1 12.5 18.7

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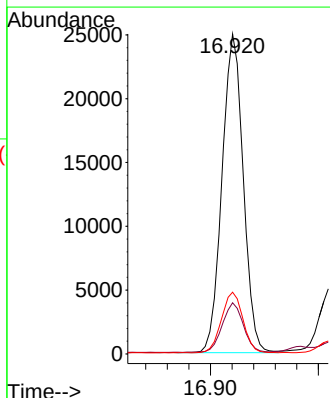
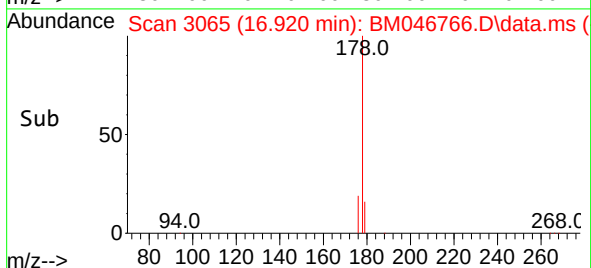
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

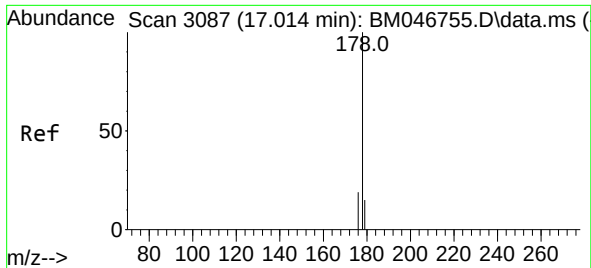


#15
Phenanthrene
Concen: 0.681 ng/ul
RT: 16.920 min Scan# 3065
Delta R.T. -0.004 min
Lab File: BM046766.D
Acq: 23 Jul 2024 02:32



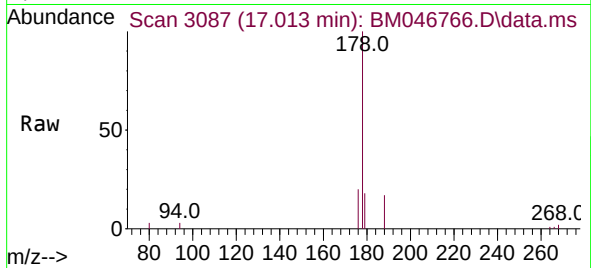
Tgt Ion:178 Resp: 34106
Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 19.3 16.0 24.0





#16
 Anthracene
 Concen: 0.148 ng/ul
 RT: 17.013 min Scan# 3087
 Delta R.T. -0.004 min
 Lab File: BM046766.D
 Acq: 23 Jul 2024 02:32

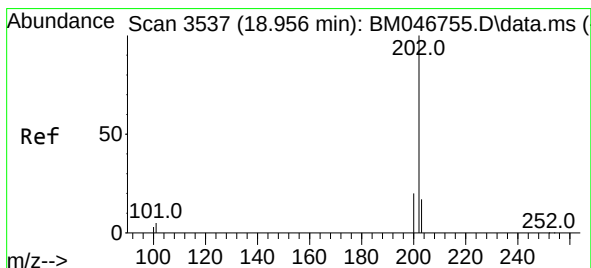
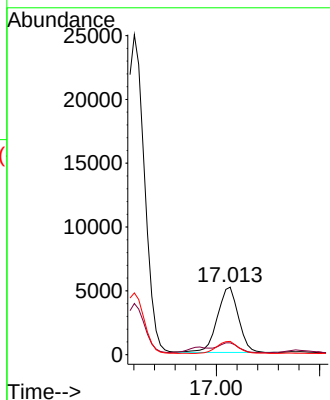
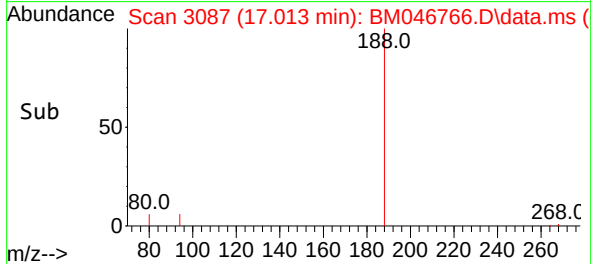
Instrument :
 BNA_M
 ClientSampleId :
 A4CH9DL



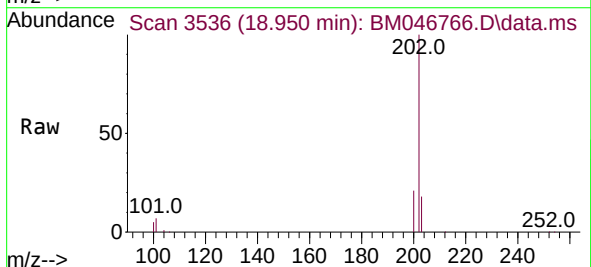
Tgt Ion:178 Resp: 7229
 Ion Ratio Lower Upper
 178 100
 179 17.7 13.5 20.3
 176 19.6 15.7 23.5

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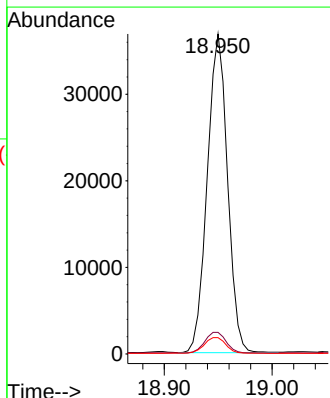
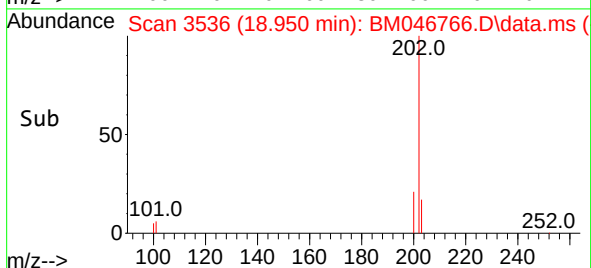
Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

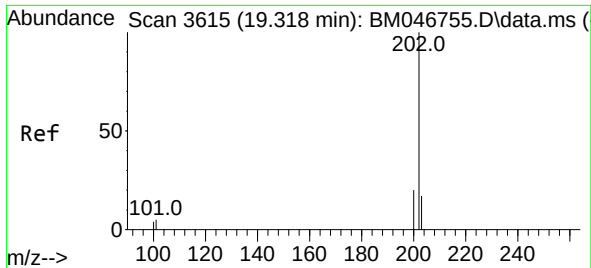


#19
 Fluoranthene
 Concen: 0.846 ng/ul
 RT: 18.950 min Scan# 3536
 Delta R.T. -0.005 min
 Lab File: BM046766.D
 Acq: 23 Jul 2024 02:32



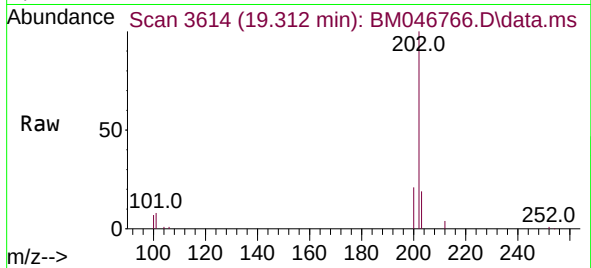
Tgt Ion:202 Resp: 48069
 Ion Ratio Lower Upper
 202 100
 101 6.8 4.6 6.8
 100 5.1 3.0 4.6#





#20
Pyrene
Concen: 0.546 ng/ul
RT: 19.312 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM046766.D
Acq: 23 Jul 2024 02:32

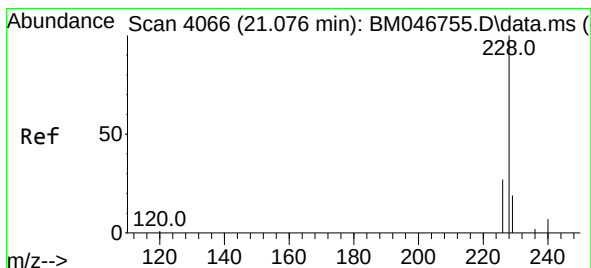
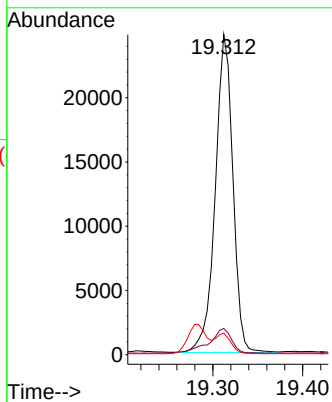
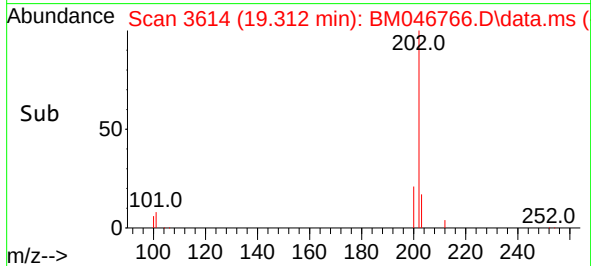
Instrument :
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ClientSampleId :
A4CH9DL



Tgt Ion:202 Resp: 3359
Ion Ratio Lower Upper
202 100
101 8.2 5.1 7.7
100 6.7 3.8 5.6

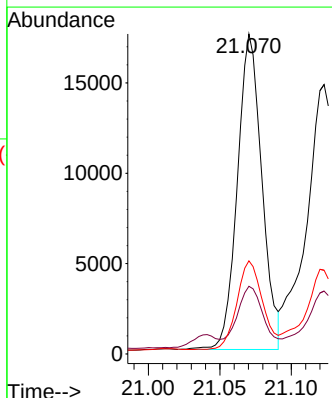
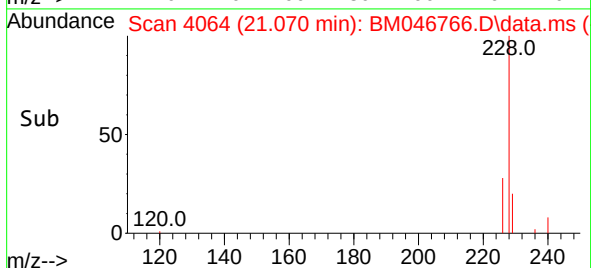
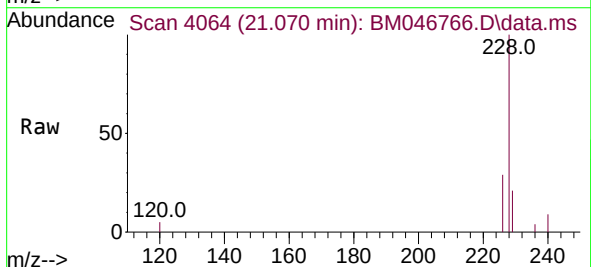
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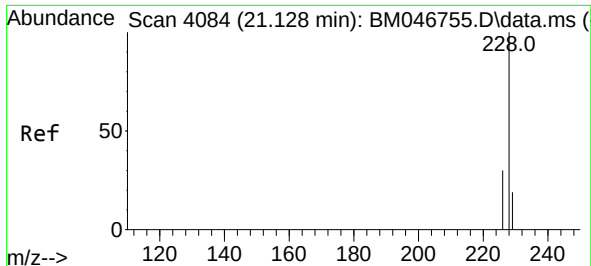
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#21
Benzo(a)anthracene
Concen: 0.340 ng/ul
RT: 21.070 min Scan# 4064
Delta R.T. -0.009 min
Lab File: BM046766.D
Acq: 23 Jul 2024 02:32

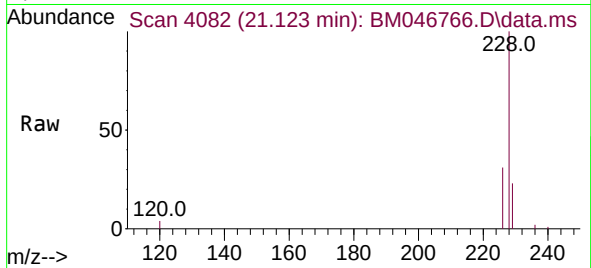
Tgt Ion:228 Resp: 20802
Ion Ratio Lower Upper
228 100
229 21.1 16.5 24.7
226 29.1 22.5 33.7





#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.123 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM046766.D
Acq: 23 Jul 2024 02:32

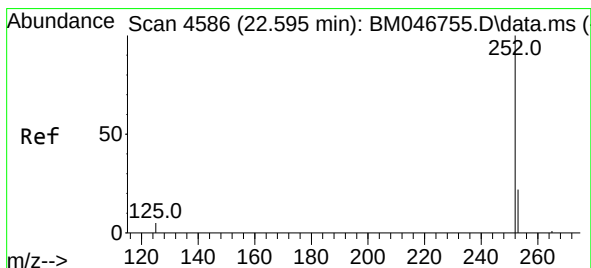
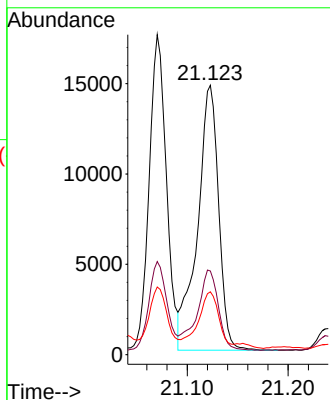
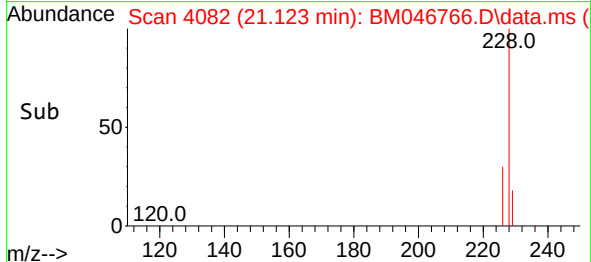
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Tgt Ion:228 Resp: 2131
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 23.3 16.4 24.6

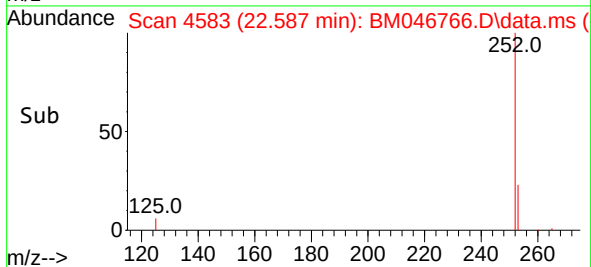
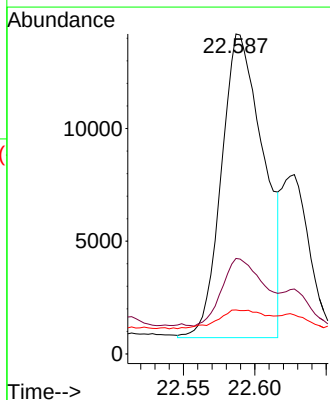
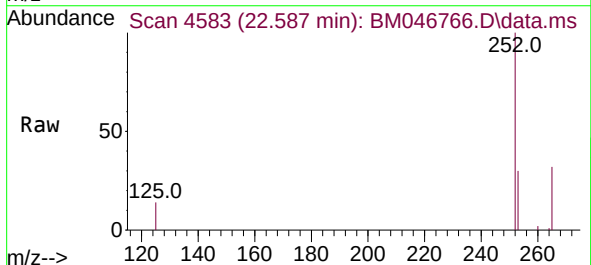
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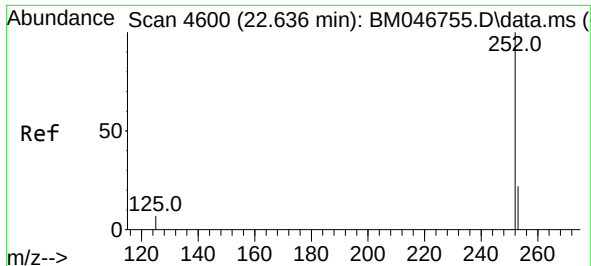
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#24
Benzo(b)fluoranthene
Concen: 0.440 ng/ul m
RT: 22.587 min Scan# 4583
Delta R.T. -0.012 min
Lab File: BM046766.D
Acq: 23 Jul 2024 02:32

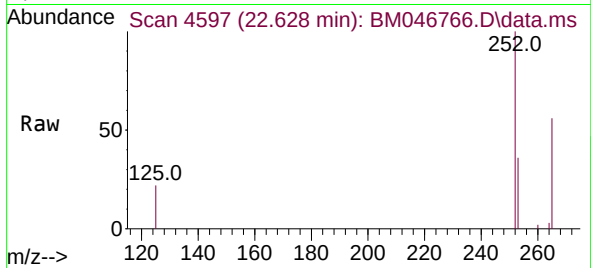
Tgt Ion:252 Resp: 27589
Ion Ratio Lower Upper
252 100
253 29.8 0.0 56.2
125 13.8 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.164 ng/ul m
RT: 22.628 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM046766.D
Acq: 23 Jul 2024 02:32

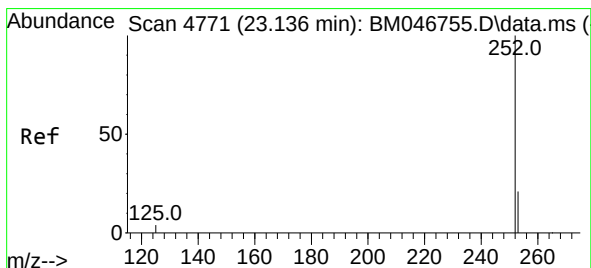
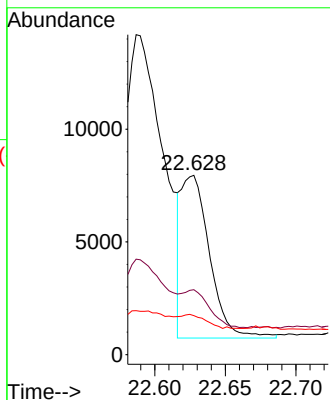
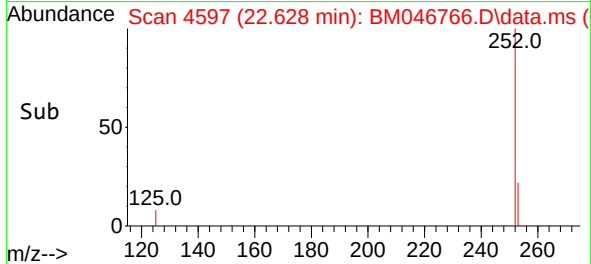
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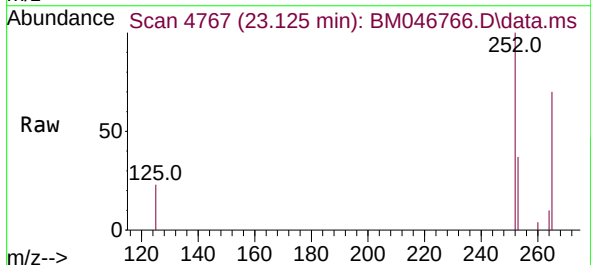
Tgt Ion:252 Resp: 10080
Ion Ratio Lower Upper
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253 36.2 22.4 33.6
125 21.8 7.0 10.4

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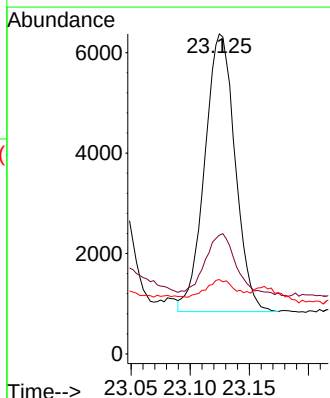
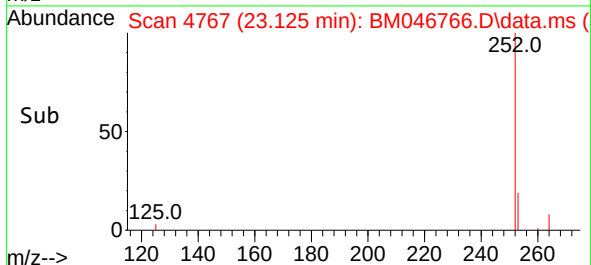
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

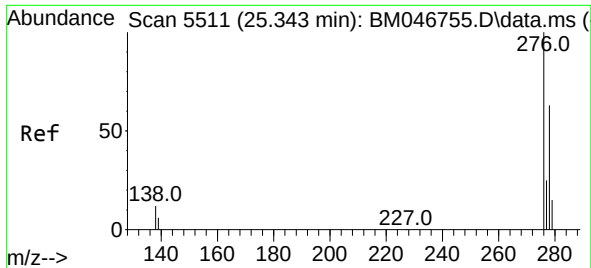


#26
Benzo(a)pyrene
Concen: 0.191 ng/ul
RT: 23.125 min Scan# 4767
Delta R.T. -0.015 min
Lab File: BM046766.D
Acq: 23 Jul 2024 02:32



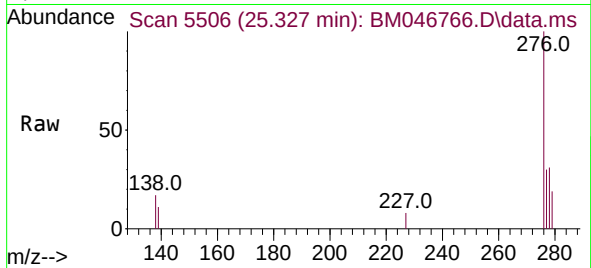
Tgt Ion:252 Resp: 9883
Ion Ratio Lower Upper
252 100
253 37.1 24.0 36.0#
125 23.3 8.2 12.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng/ul
RT: 25.327 min Scan# 5506
Delta R.T. -0.020 min
Lab File: BM046766.D
Acq: 23 Jul 2024 02:32

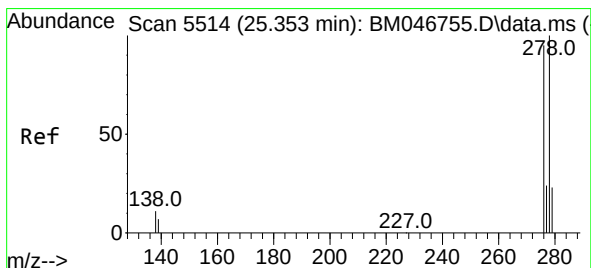
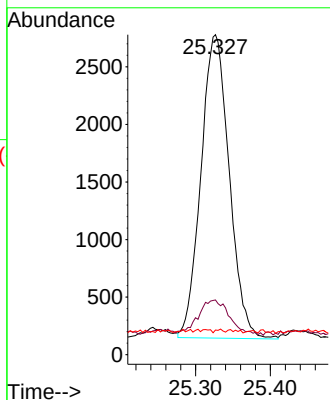
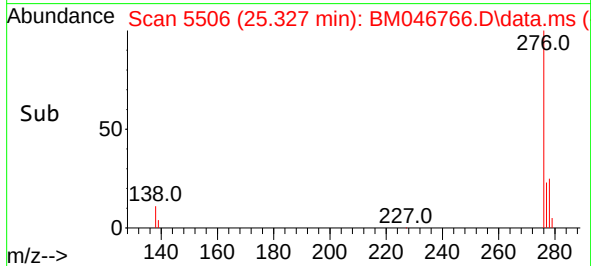
Instrument :
BNA_M
ClientSampleId :
A4CH9DL



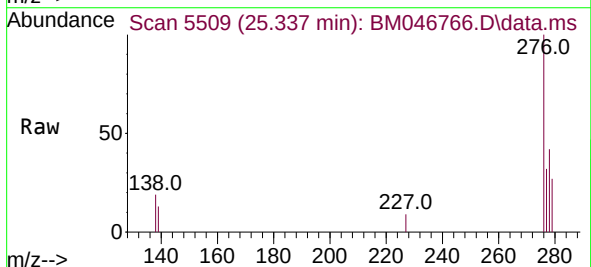
Tgt Ion: 276 Resp: 693
Ion Ratio Lower Upper
276 100
138 13.2 0.0 0.0
227 0.3 0.2 0.2

Manual Integrations
APPROVED

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



#28
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 25.337 min Scan# 5509
Delta R.T. -0.024 min
Lab File: BM046766.D
Acq: 23 Jul 2024 02:32



Tgt Ion: 278 Resp: 2563
Ion Ratio Lower Upper
278 100
139 31.9 9.1 13.7#
279 63.3 23.2 34.8#

