

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
 Data File : BM046772.D
 Acq On : 23 Jul 2024 11:28
 Operator : MA/JU
 Sample : P3201-14DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CH8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 12:12:52 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	3710	0.400	ng/ul	0.00
4) Naphthalene-d8	10.237	136	10143	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.126	164	7189	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.878	188	15688	0.400	ng/ul	0.00
17) Chrysene-d12	21.088	240	12056	0.400	ng/ul	0.00
23) Perylene-d12	23.221	264	12035	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	1583	0.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.837	152	625	0.038	ng/ul	-0.01
18) Fluoranthene-d10	18.917	212	1540	0.042	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.286	128	697	0.027	ng/ul#	76
10) Acenaphthylene	13.839	152	2104	0.064	ng/ul	96
11) Acenaphthene	14.186	153	879	0.040	ng/ul	98
12) Fluorene	15.181	166	1239	0.046	ng/ul#	98
15) Phenanthrene	16.920	178	27362	0.611	ng/ul	99
16) Anthracene	17.009	178	7674	0.176	ng/ul	100
19) Fluoranthene	18.950	202	88985	1.797	ng/ul	98
20) Pyrene	19.312	202	64652	1.206	ng/ul	98
21) Benzo(a)anthracene	21.073	228	44376	0.832	ng/ul	97
22) Chrysene	21.123	228	42953	0.832	ng/ul	99
24) Benzo(b)fluoranthene	22.592	252	54415m	1.132	ng/ul	
25) Benzo(k)fluoranthene	22.630	252	20065m	0.425	ng/ul	
26) Benzo(a)pyrene	23.127	252	20900	0.528	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.326	276	19132	0.318	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.340	278	6127	0.129	ng/ul#	84
29) Benzo(g,h,i)perylene	25.970	276	2836	0.059	ng/ul#	75

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

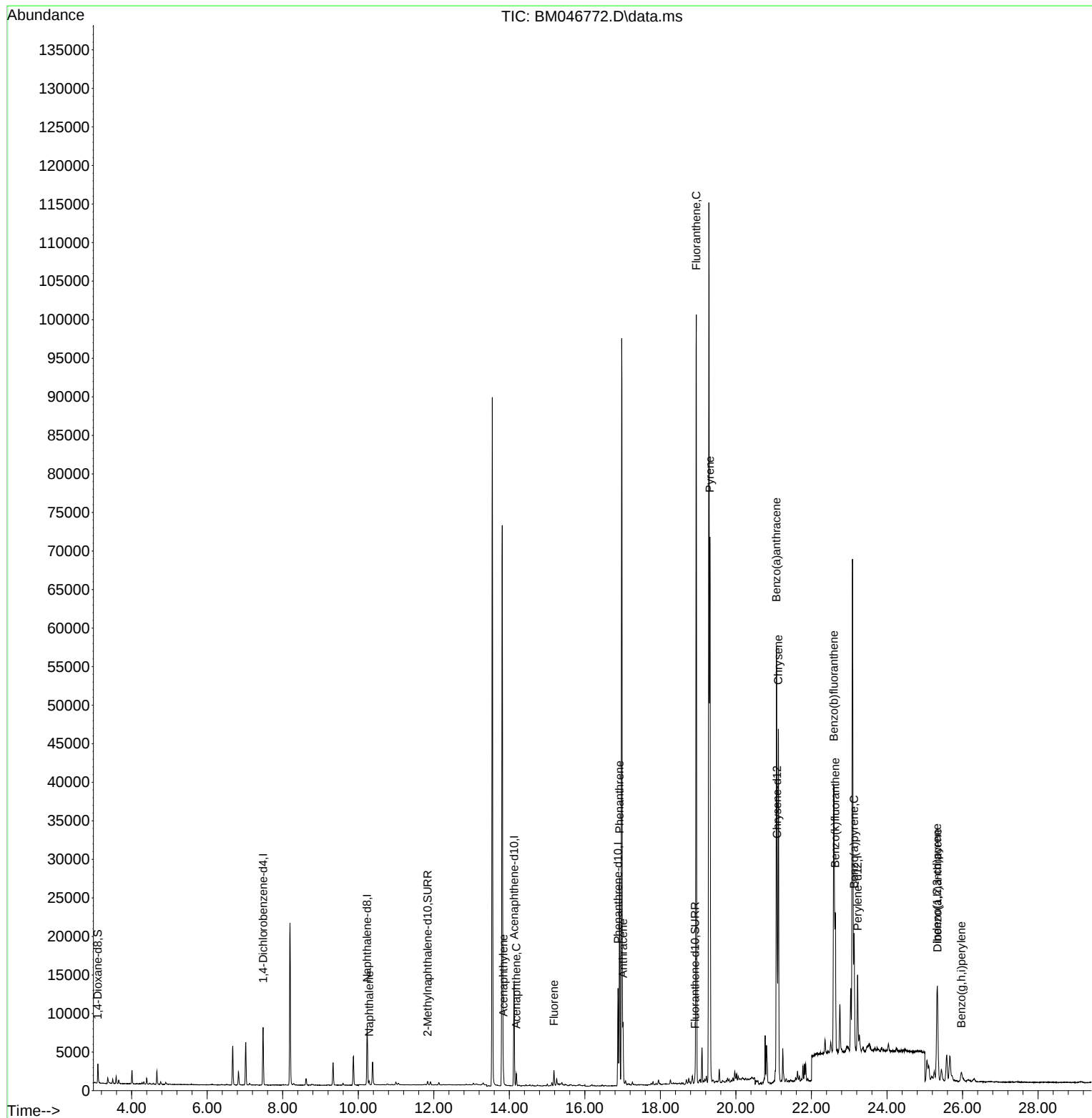
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
Data File : BM046772.D
Acq On : 23 Jul 2024 11:28
Operator : MA/JU
Sample : P3201-14DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

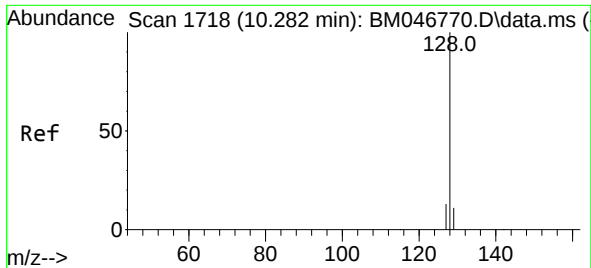
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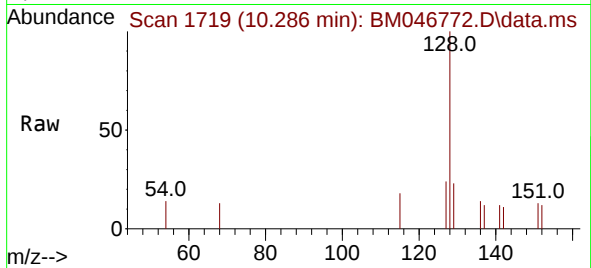
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.286 min Scan# 1719
Delta R.T. -0.011 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28

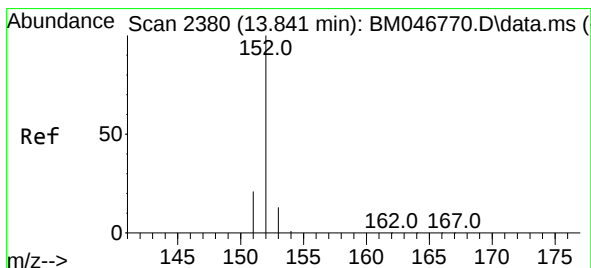
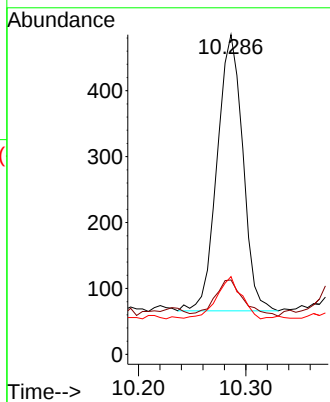
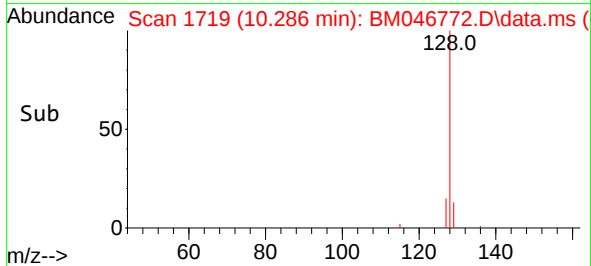
Instrument :
BNA_M
ClientSampleId :
A4CH8DL



Tgt Ion:128 Resp: 69
Ion Ratio Lower Upper
128 100
129 23.3 10.3 15.5
127 24.3 12.2 18.4

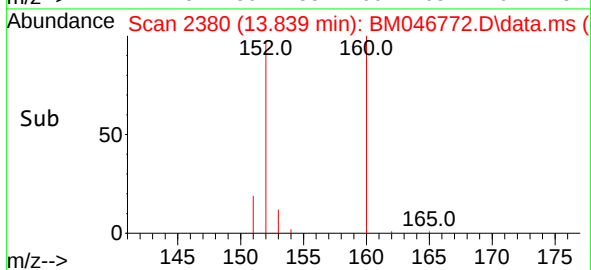
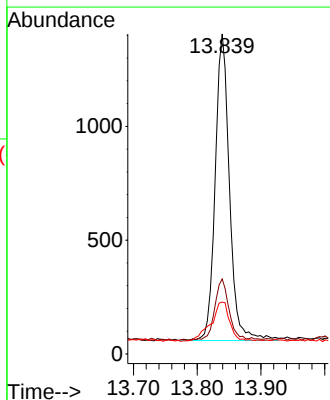
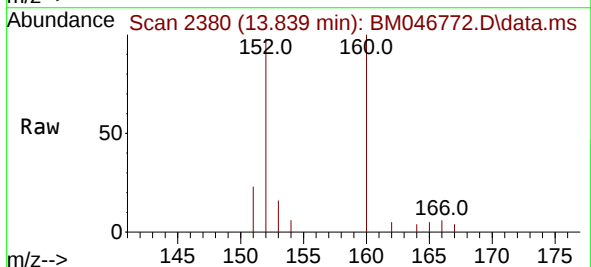
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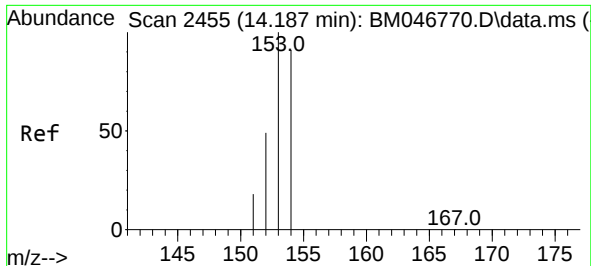
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 13.839 min Scan# 2380
Delta R.T. -0.010 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28

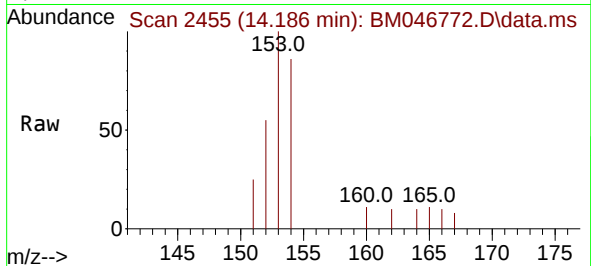
Tgt Ion:152 Resp: 2104
Ion Ratio Lower Upper
152 100
151 23.5 16.4 24.6
153 16.2 12.4 18.6





#11
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.186 min Scan# 2455
Delta R.T. -0.009 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28

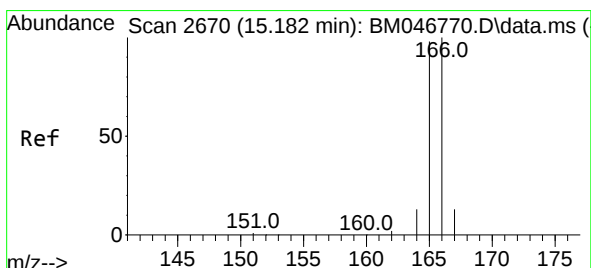
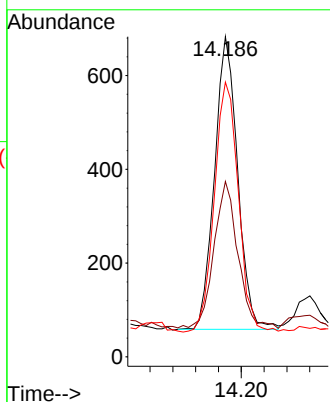
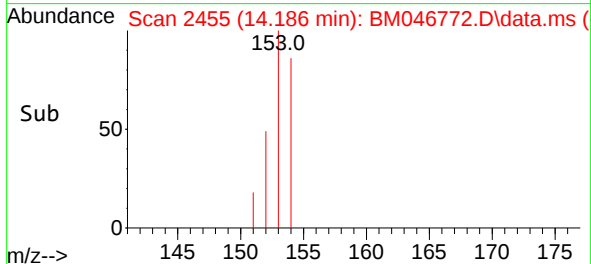
Instrument :
BNA_M
ClientSampleId :
A4CH8DL



Tgt Ion:153 Resp: 879
Ion Ratio Lower Upper
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152 54.8 43.0 64.6
154 85.8 69.9 104.9

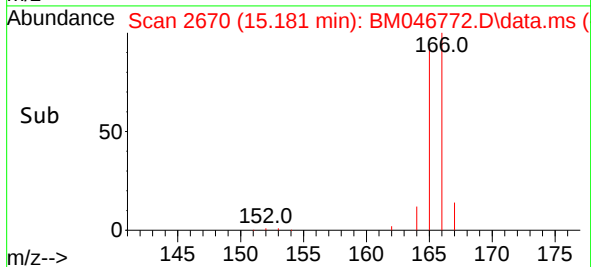
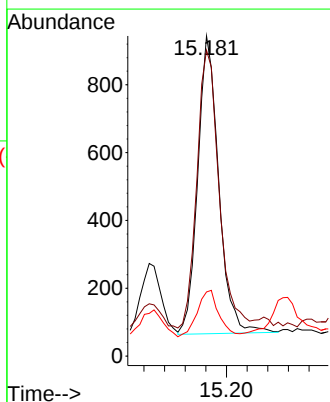
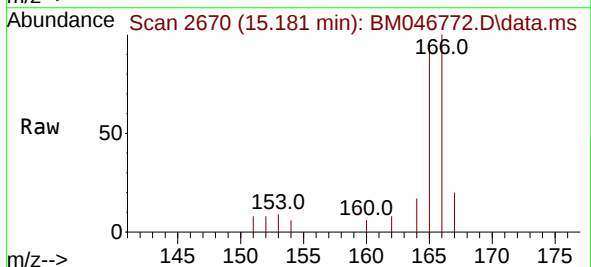
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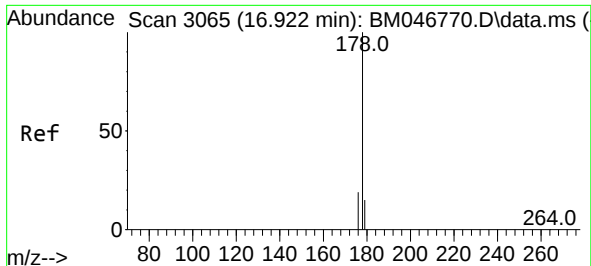
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.181 min Scan# 2670
Delta R.T. -0.010 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28

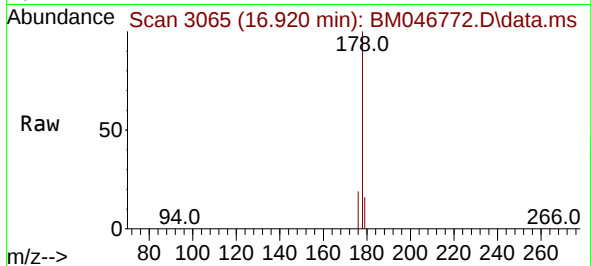
Tgt Ion:166 Resp: 1239
Ion Ratio Lower Upper
166 100
165 95.6 76.1 114.1
167 20.0 12.5 18.7#





#15
Phenanthrene
Concen: 0.611 ng/ul
RT: 16.920 min Scan# 3065
Delta R.T. -0.004 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28

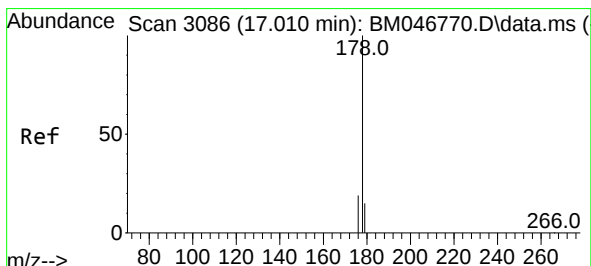
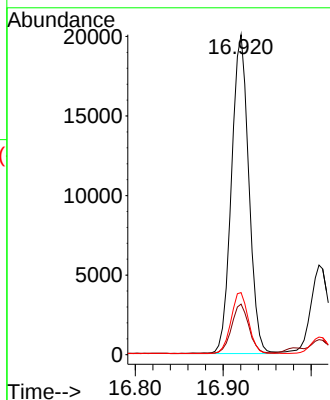
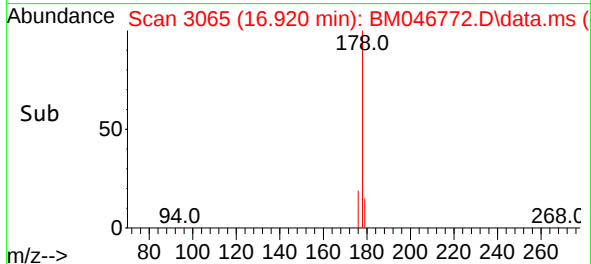
Instrument :
BNA_M
ClientSampleId :
A4CH8DL



Tgt Ion:178 Resp: 27362
Ion Ratio Lower Upper
178 100
179 15.8 13.1 19.7
176 19.4 16.0 24.0

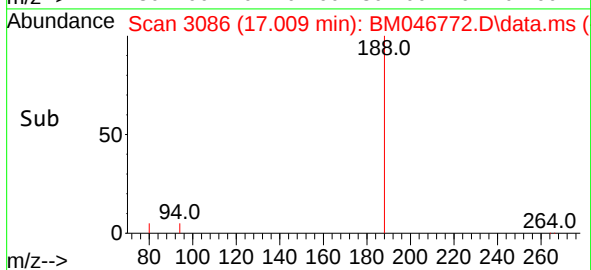
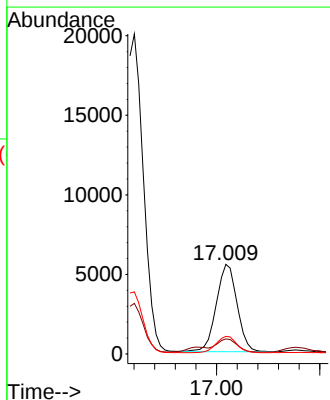
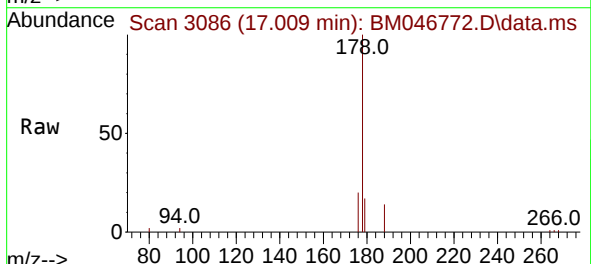
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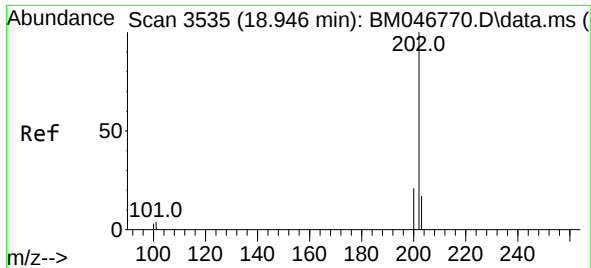
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#16
Anthracene
Concen: 0.176 ng/ul
RT: 17.009 min Scan# 3086
Delta R.T. -0.009 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28

Tgt Ion:178 Resp: 7674
Ion Ratio Lower Upper
178 100
179 16.8 13.5 20.3
176 19.6 15.7 23.5





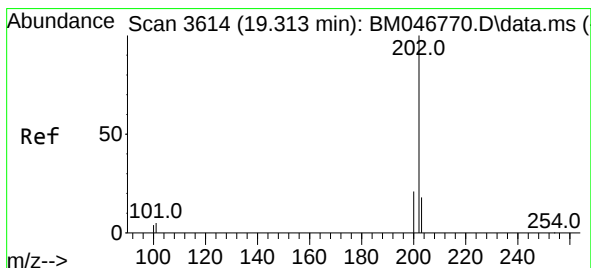
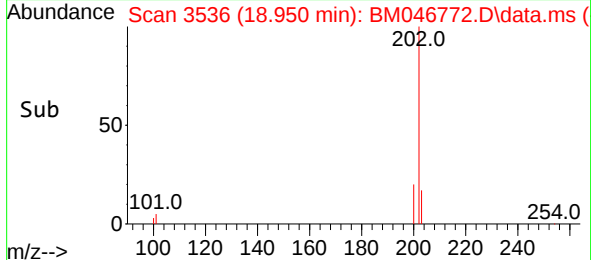
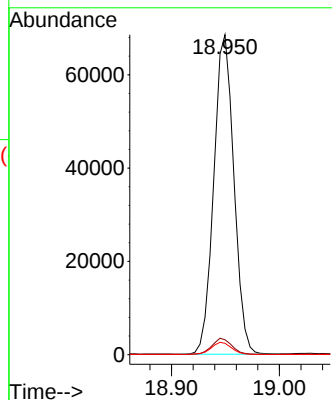
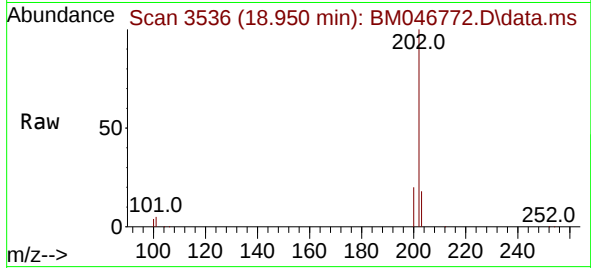
#19
Fluoranthene
Concen: 1.797 ng/ul
RT: 18.950 min Scan# 3535
Delta R.T. -0.005 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28

Instrument :
BNA_M
ClientSampleId :
A4CH8DL

Tgt Ion:202 Resp: 8898
Ion Ratio Lower Upper
202 100
101 4.7 4.6 6.8
100 3.6 3.0 4.6

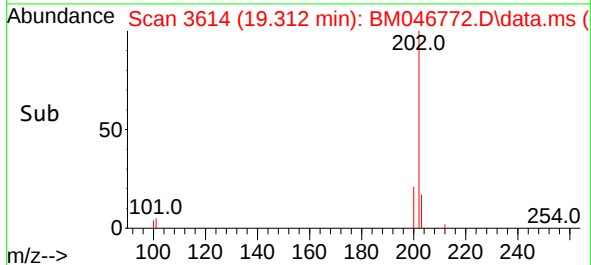
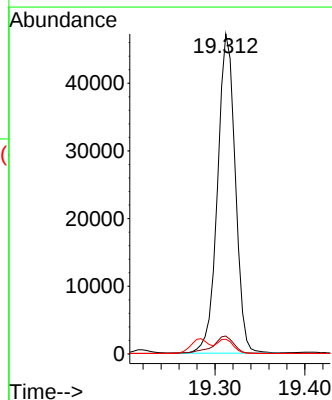
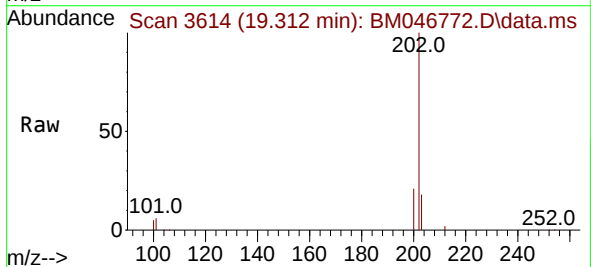
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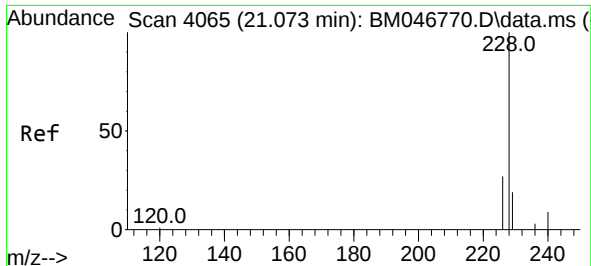
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#20
Pyrene
Concen: 1.206 ng/ul
RT: 19.312 min Scan# 3614
Delta R.T. -0.010 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28

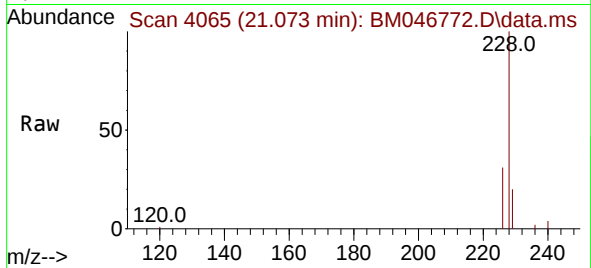
Tgt Ion:202 Resp: 64652
Ion Ratio Lower Upper
202 100
101 5.6 5.1 7.7
100 4.6 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.832 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. -0.006 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28

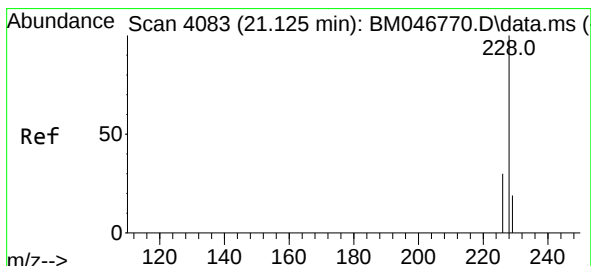
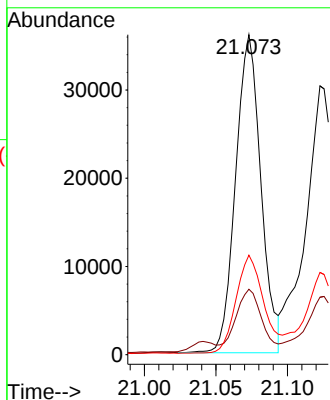
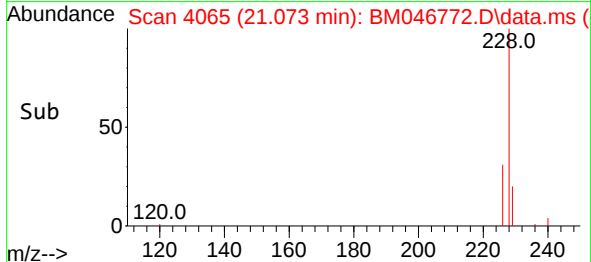
Instrument :
BNA_M
ClientSampleId :
A4CH8DL



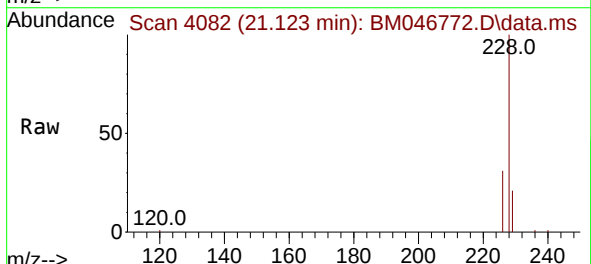
Tgt Ion:228 Resp: 44370
Ion Ratio Lower Upper
228 100
229 20.5 16.5 24.7
226 31.1 22.5 33.7

Manual Integrations
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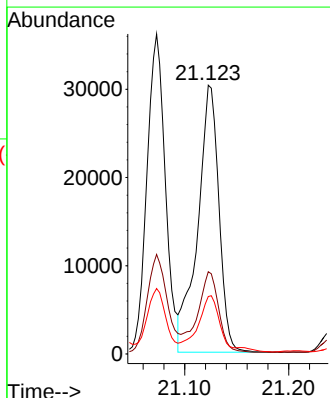
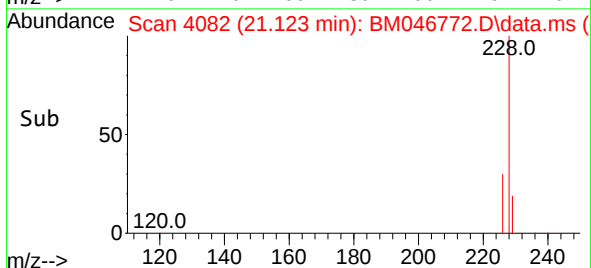
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

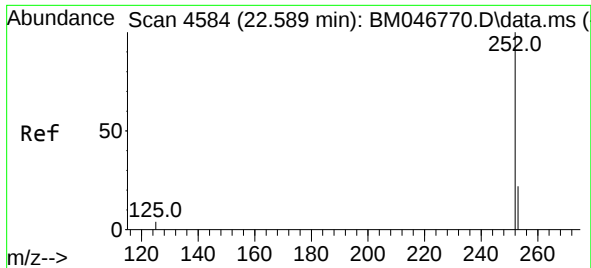


#22
Chrysene
Concen: 0.832 ng/ul
RT: 21.123 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28



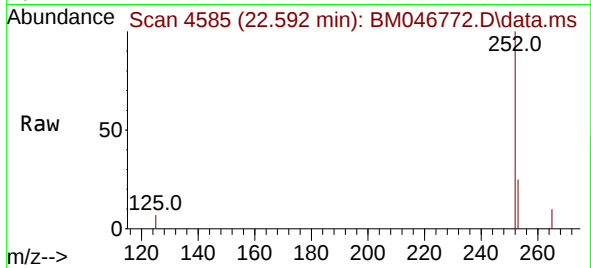
Tgt Ion:228 Resp: 42953
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 21.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.132 ng/ul m
RT: 22.592 min Scan# 4585
Delta R.T. -0.006 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28

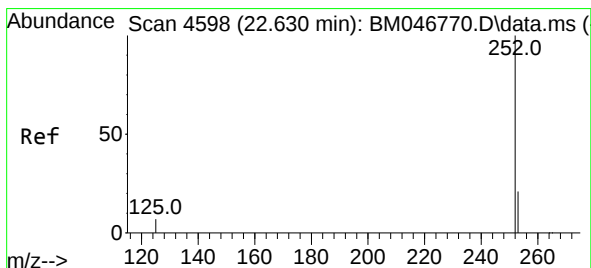
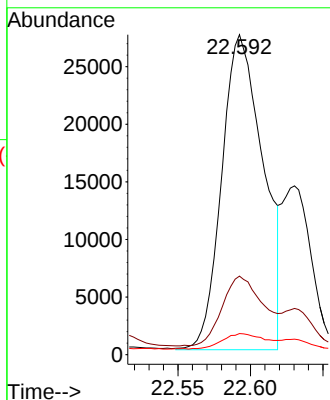
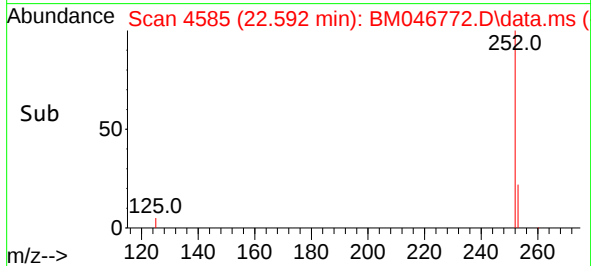
Instrument :
BNA_M
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A4CH8DL



Tgt Ion:252 Resp: 5441
Ion Ratio Lower Upper
252 100
253 24.5 0.0 56.2
125 6.6 0.0 17.8

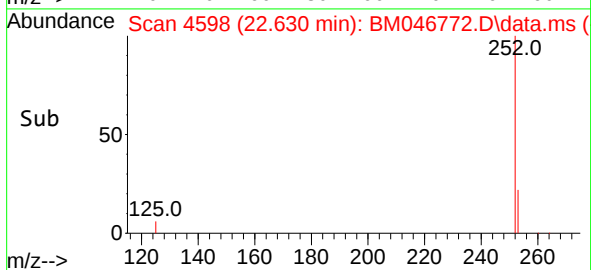
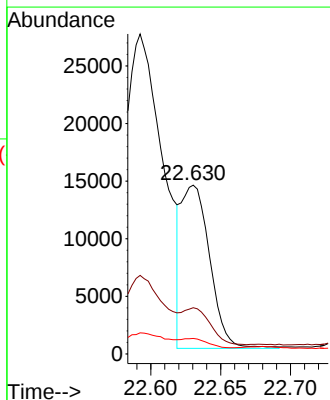
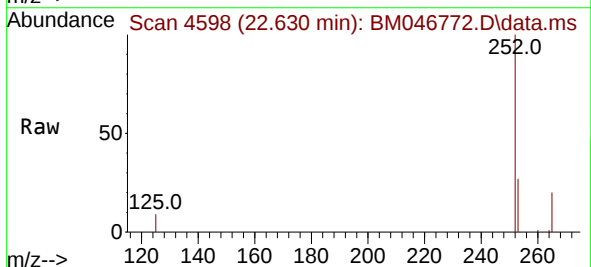
Manual Integrations
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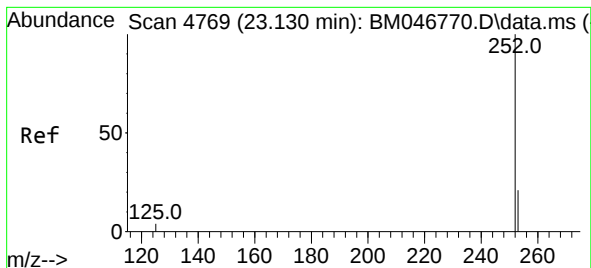
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#25
Benzo(k)fluoranthene
Concen: 0.425 ng/ul m
RT: 22.630 min Scan# 4598
Delta R.T. -0.009 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28

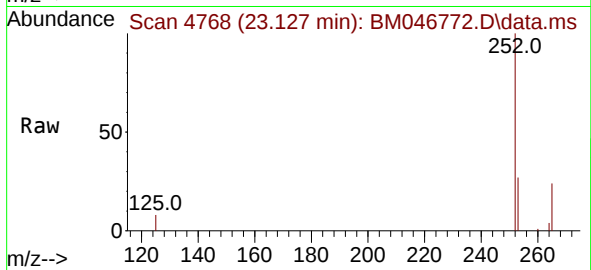
Tgt Ion:252 Resp: 20065
Ion Ratio Lower Upper
252 100
253 27.4 22.4 33.6
125 9.2 7.0 10.4





#26
Benzo(a)pyrene
Concen: 0.528 ng/ul
RT: 23.127 min Scan# 4768
Delta R.T. -0.012 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28

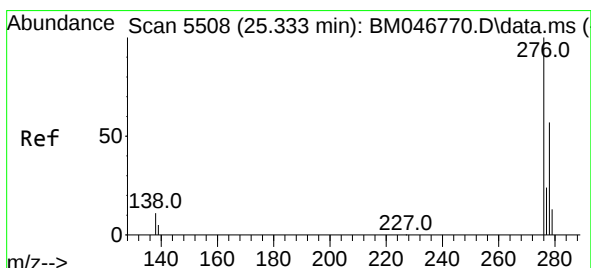
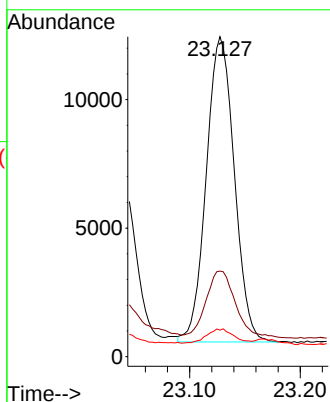
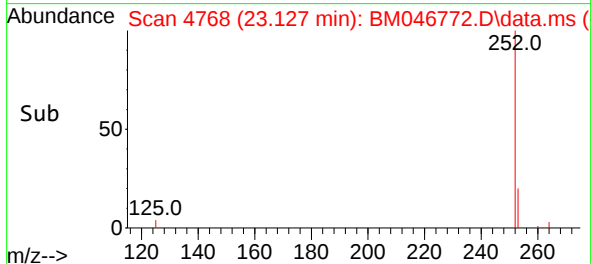
Instrument :
BNA_M
ClientSampleId :
A4CH8DL



Tgt Ion:252 Resp: 20900
Ion Ratio Lower Upper
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253 26.7 24.0 36.0
125 8.3 8.2 12.2

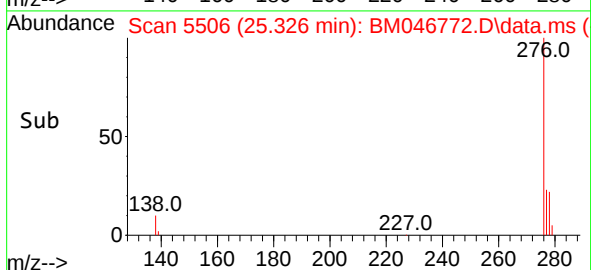
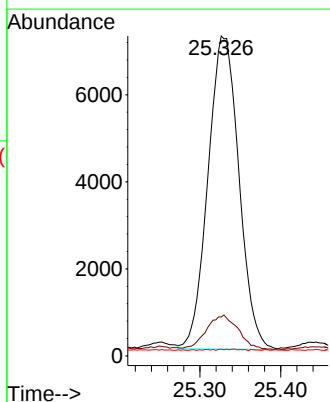
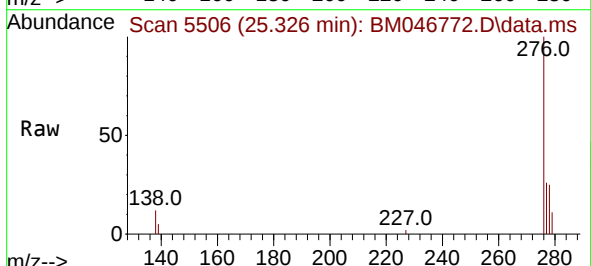
Manual Integrations
APPROVED

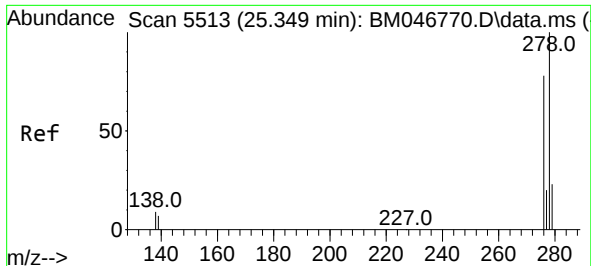
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng/ul
RT: 25.326 min Scan# 5506
Delta R.T. -0.020 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28

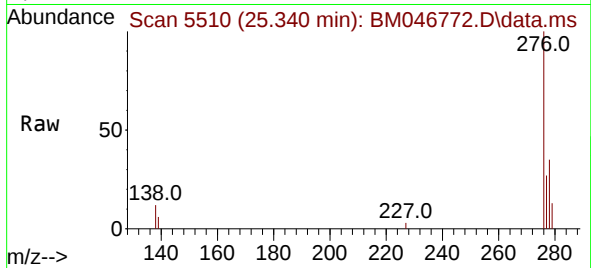
Tgt Ion:276 Resp: 19132
Ion Ratio Lower Upper
276 100
138 11.3 0.0 0.0#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.129 ng/ul
RT: 25.340 min Scan# 5513
Delta R.T. -0.020 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28

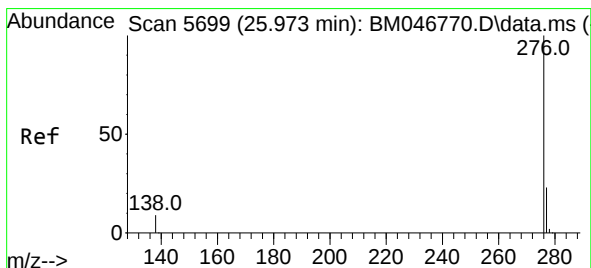
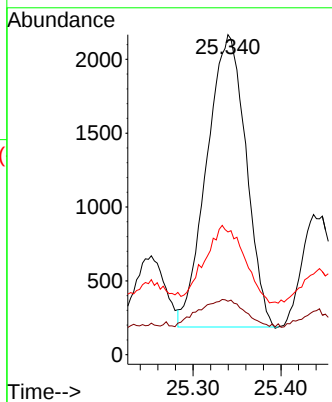
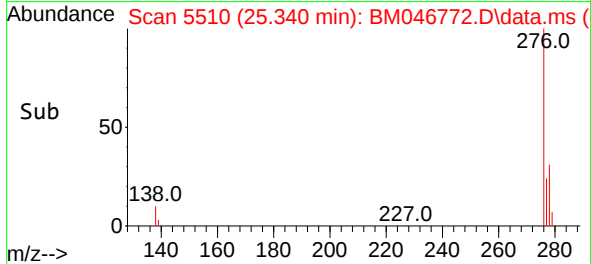
Instrument :
BNA_M
ClientSampleId :
A4CH8DL



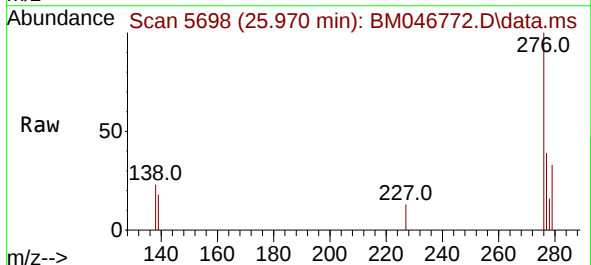
Tgt Ion:278 Resp: 612
Ion Ratio Lower Upper
278 100
139 16.7 9.1 13.7
279 38.3 23.2 34.8

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 25.970 min Scan# 5698
Delta R.T. -0.014 min
Lab File: BM046772.D
Acq: 23 Jul 2024 11:28



Tgt Ion:276 Resp: 2836
Ion Ratio Lower Upper
276 100
138 23.3 10.2 15.4#
277 38.7 20.9 31.3#

