

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041711.D
 Acq On : 08 Sep 2023 01:13
 Operator : MA/JU
 Sample : 04113-15RE
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ1RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 08 02:55:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	7688	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	20015	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.638	164	10801	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	19642	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.556	240	8163	0.400	ng/ul	#-0.01
23) Perylene-d12	23.988	264	8728	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	29654	2.524	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	4910	0.191	ng/ul	-0.01
18) Fluoranthene-d10	19.408	212	7271	0.184	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.867	128	34103	0.519	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	53149	1.424	ng/ul	99
8) 1-Methylnaphthalene	12.687	142	31429	0.838	ng/ul	100
10) Acenaphthylene	14.365	152	7583	0.114	ng/ul#	1
11) Acenaphthene	14.703	153	9431	0.182	ng/ul#	82
12) Fluorene	15.688	166	10318	0.177	ng/ul#	75
15) Phenanthrene	17.430	178	64678	0.780	ng/ul#	92
16) Anthracene	17.523	178	22529	0.317	ng/ul#	81
19) Fluoranthene	19.441	202	23474	0.244	ng/ul#	93
20) Pyrene	19.808	202	36773m	0.384	ng/ul	
21) Benzo(a)anthracene	21.542	228	12239	0.184	ng/ul#	80
22) Chrysene	21.594	228	15237m	0.212	ng/ul	
24) Benzo(b)fluoranthene	23.240	252	24729	0.317	ng/ul#	1
25) Benzo(k)fluoranthene	23.284	252	9114m	0.119	ng/ul	
26) Benzo(a)pyrene	23.880	252	17313	0.273	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.508	276	23605	0.271	ng/ul	97
28) Dibenzo(a,h)anthracene	26.522	278	5025	0.082	ng/ul#	1
29) Benzo(g,h,i)perylene	27.296	276	29591	0.384	ng/ul#	87

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

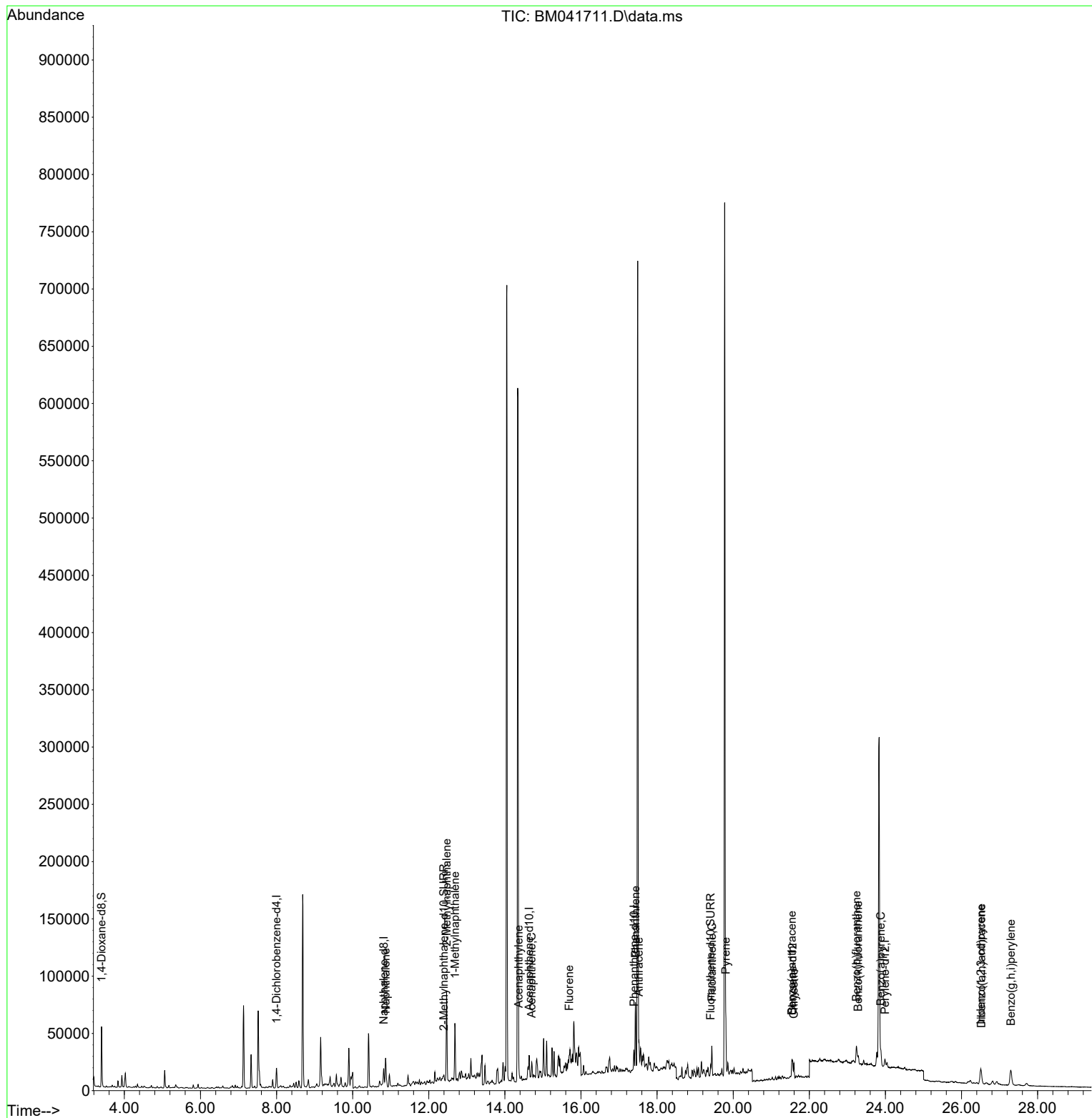
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041711.D
Acq On : 08 Sep 2023 01:13
Operator : MA/JU
Sample : 04113-15RE
Misc :
ALS Vial : 51 Sample Multiplier: 1

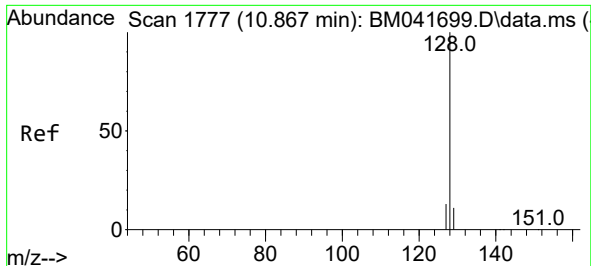
Instrument :
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ClientSampleId :
EZYJ1RE

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Supervised By :mohammad ahmed 09/09/2023

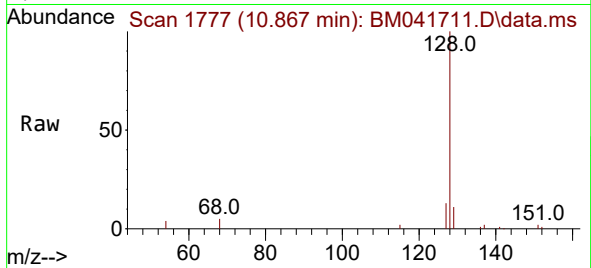
Quant Time: Sep 08 02:55:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.519 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. -0.005 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

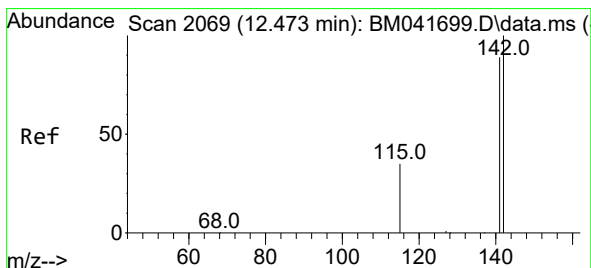
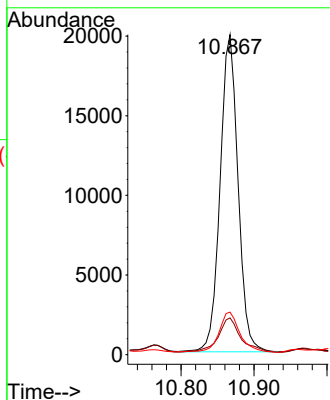
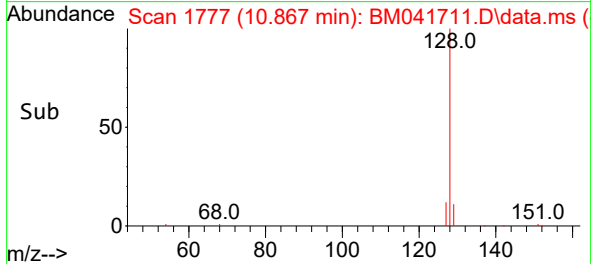
Instrument :
BNA_M
ClientSampleId :
EZYJ1RE



Tgt Ion:128 Resp: 3410
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.3 11.0 16.6

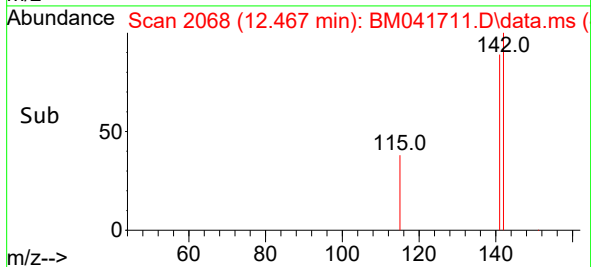
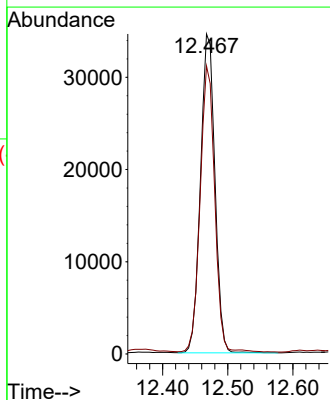
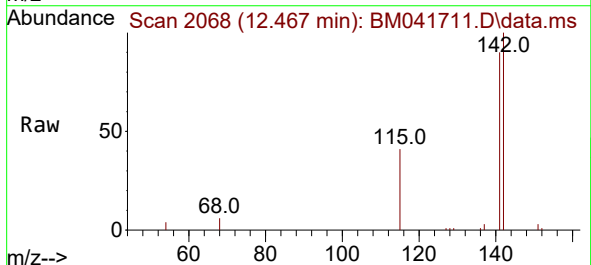
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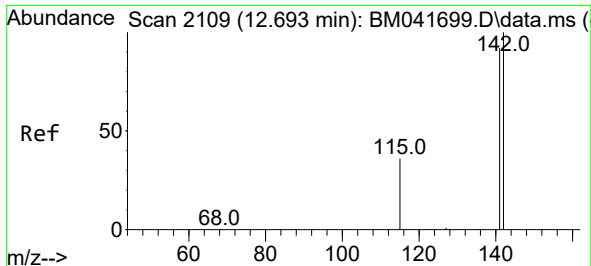
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#7
2-Methylnaphthalene
Concen: 1.424 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

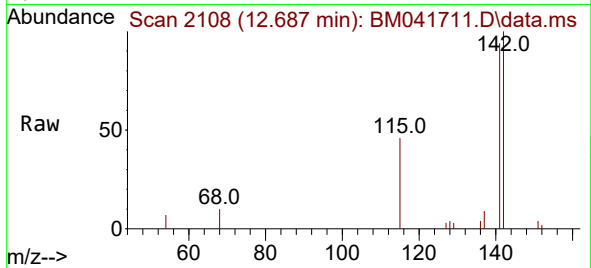
Tgt Ion:142 Resp: 53149
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.838 ng/ul
RT: 12.687 min Scan# 2109
Delta R.T. -0.011 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

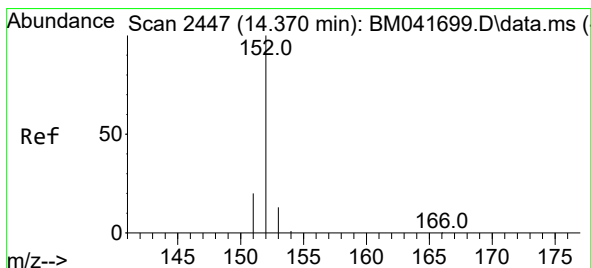
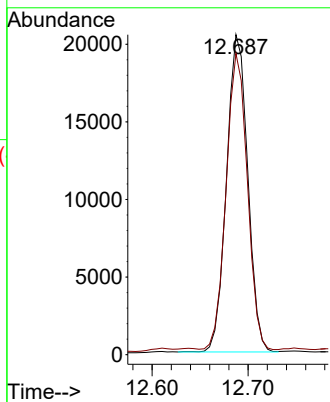
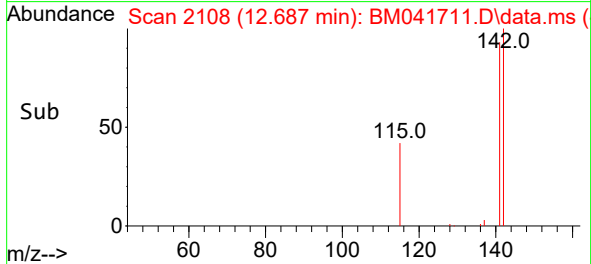
Instrument :
BNA_M
ClientSampleId :
EZYJ1RE



Tgt Ion:142 Resp: 31429
Ion Ratio Lower Upper
142 100
141 92.9 74.4 111.6

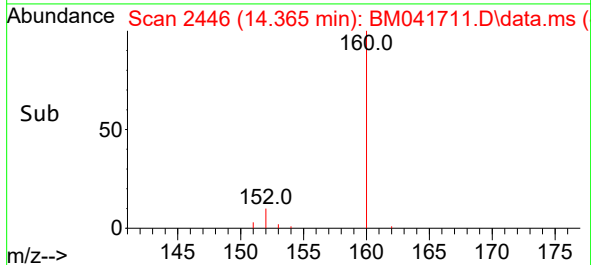
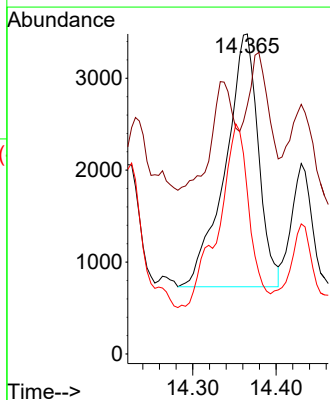
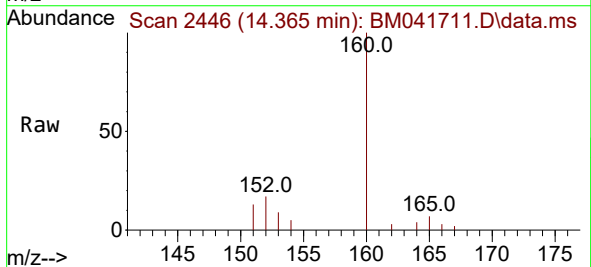
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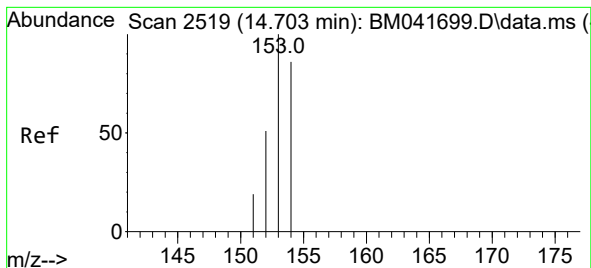
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#10
Acenaphthylene
Concen: 0.114 ng/ul
RT: 14.365 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

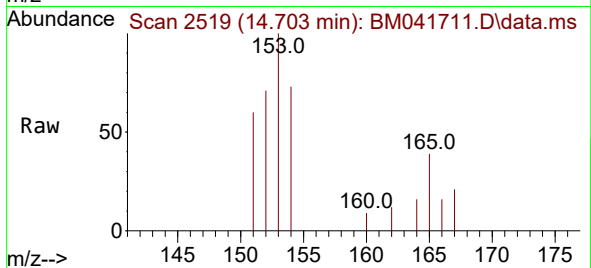
Tgt Ion:152 Resp: 7583
Ion Ratio Lower Upper
152 100
151 77.8 16.4 24.6#
153 50.6 11.1 16.7#





#11
Acenaphthene
Concen: 0.182 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.009 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

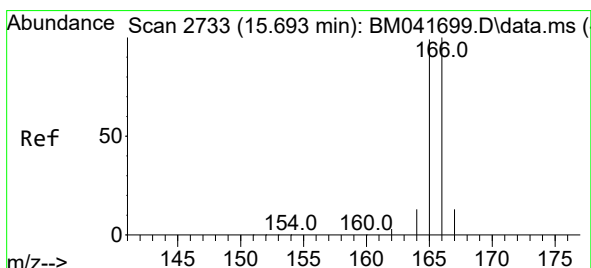
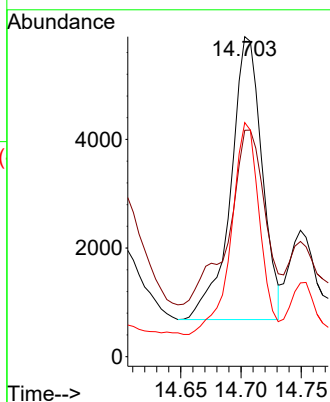
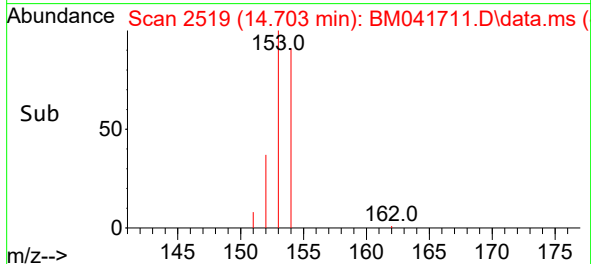
Instrument :
BNA_M
ClientSampleId :
EZYJ1RE



Tgt Ion:153 Resp: 943
Ion Ratio Lower Upper
153 100
152 70.8 43.4 65.2
154 73.2 69.4 104.0

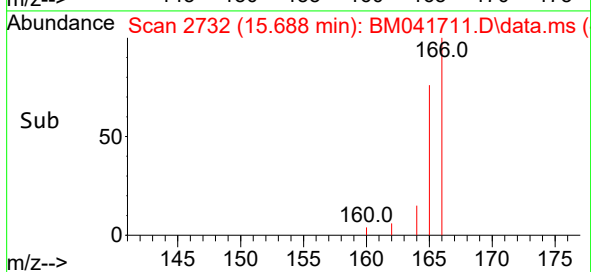
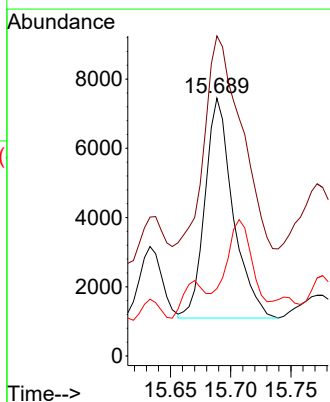
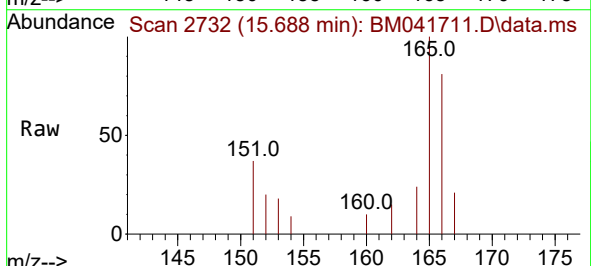
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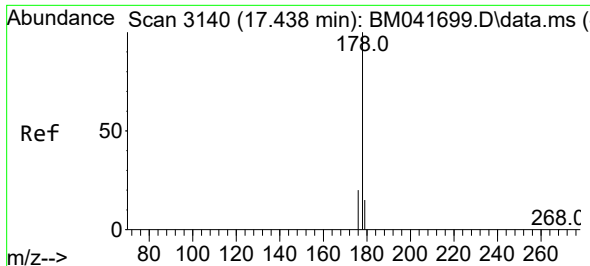
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#12
Fluorene
Concen: 0.177 ng/ul
RT: 15.688 min Scan# 2732
Delta R.T. -0.009 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

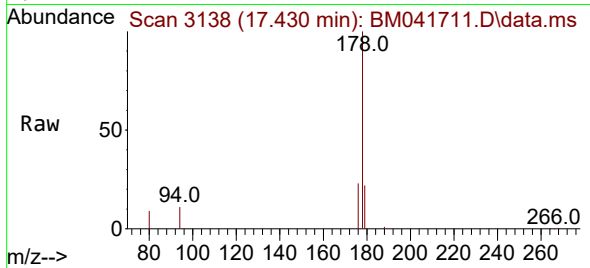
Tgt Ion:166 Resp: 10318
Ion Ratio Lower Upper
166 100
165 124.1 79.4 119.2#
167 26.1 11.3 16.9#





#15
Phenanthrene
Concen: 0.780 ng/ul
RT: 17.430 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

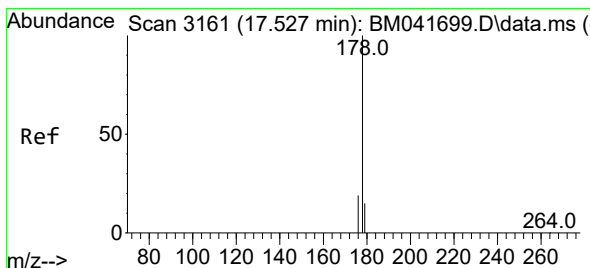
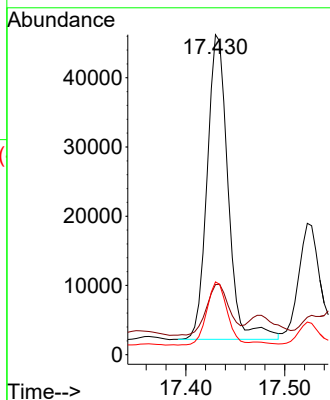
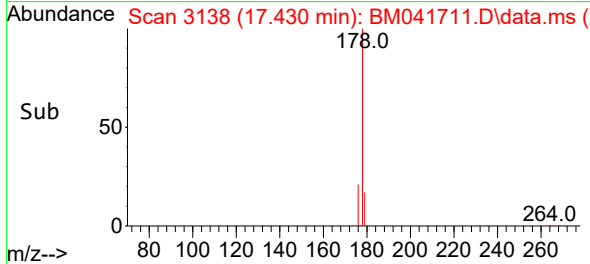
Instrument :
BNA_M
ClientSampleId :
EZYJ1RE



Tgt Ion:178 Resp: 64678
Ion Ratio Lower Upper
178 100
179 21.9 12.9 19.3#
176 22.7 16.9 25.3#

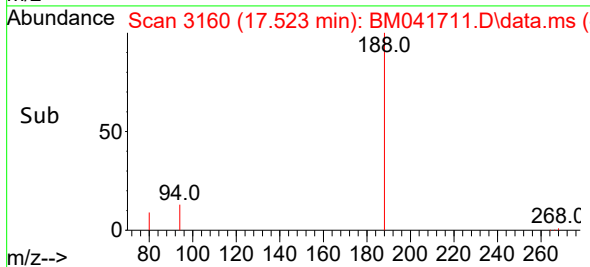
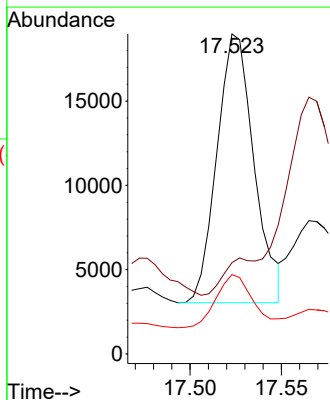
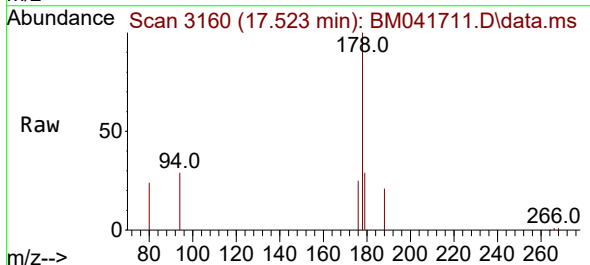
Manual Integrations
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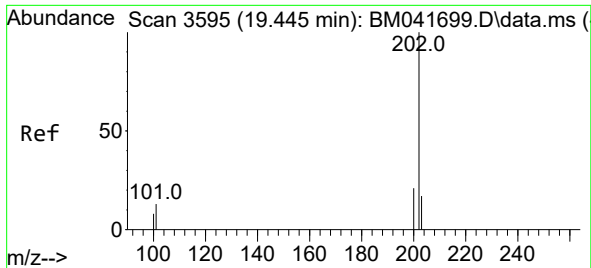
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#16
Anthracene
Concen: 0.317 ng/ul
RT: 17.523 min Scan# 3160
Delta R.T. -0.013 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

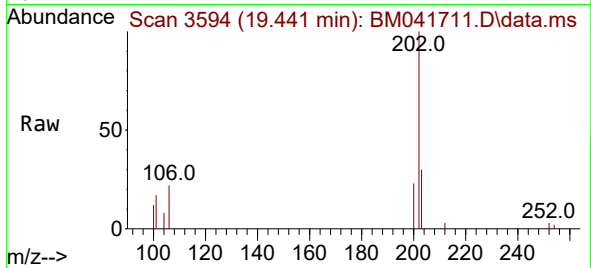
Tgt Ion:178 Resp: 22529
Ion Ratio Lower Upper
178 100
179 28.5 12.9 19.3#
176 24.8 15.8 23.8#





#19
Fluoranthene
Concen: 0.244 ng/ul
RT: 19.441 min Scan# 3594
Delta R.T. -0.009 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

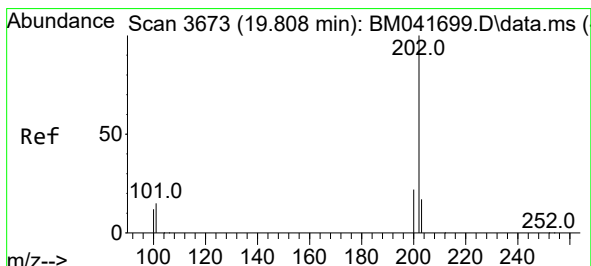
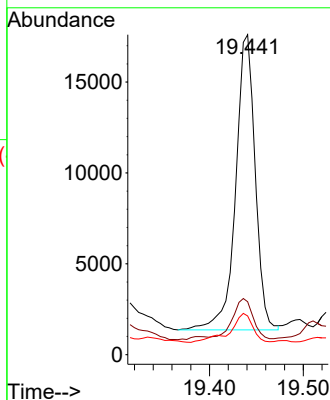
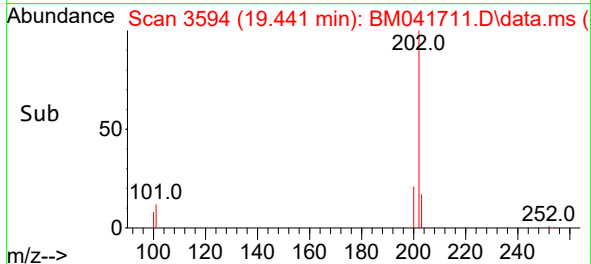
Instrument :
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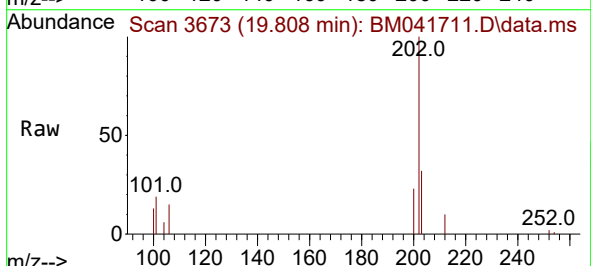
Tgt Ion:202 Resp: 23474
Ion Ratio Lower Upper
202 100
101 16.6 10.5 15.7
100 12.1 8.4 12.6

Manual Integrations
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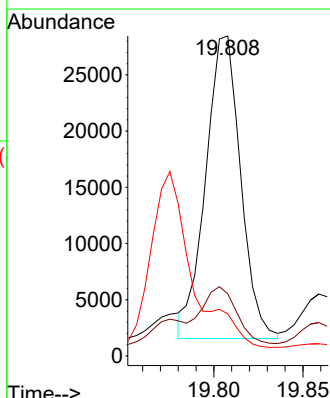
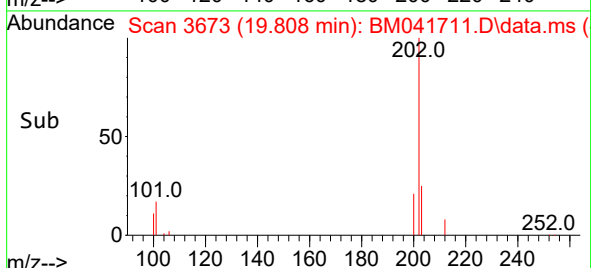
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023

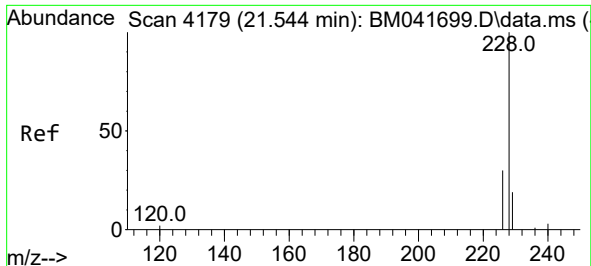


#20
Pyrene
Concen: 0.384 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13



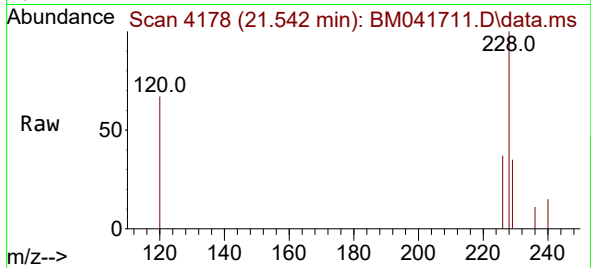
Tgt Ion:202 Resp: 36773
Ion Ratio Lower Upper
202 100
101 19.4 11.8 17.8
100 13.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.184 ng/ul
RT: 21.542 min Scan# 4179
Delta R.T. -0.012 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

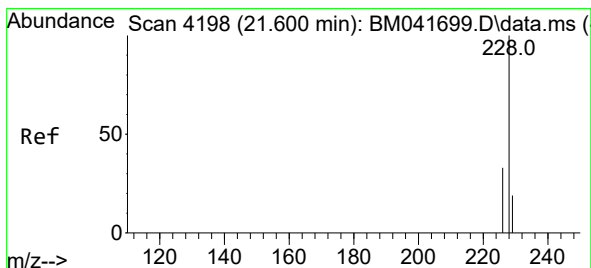
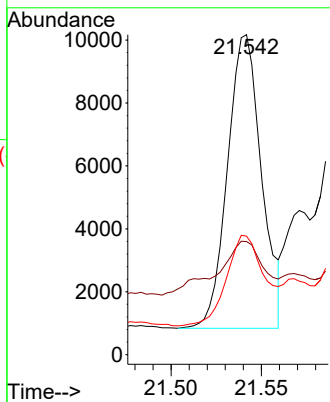
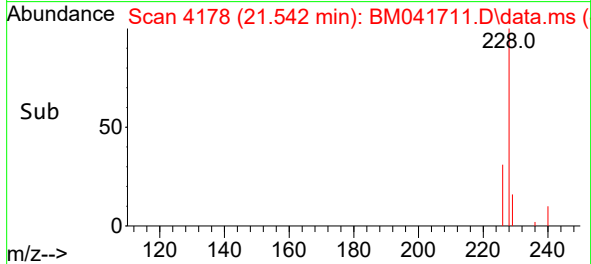
Instrument :
BNA_M
ClientSampleId :
EZYJ1RE



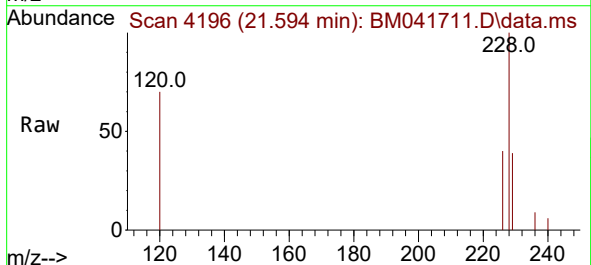
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Ion Ratio Lower Upper
228 100
229 35.4 15.8 23.6
226 37.1 24.8 37.2

Manual Integrations
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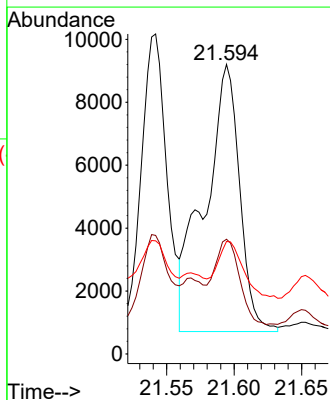
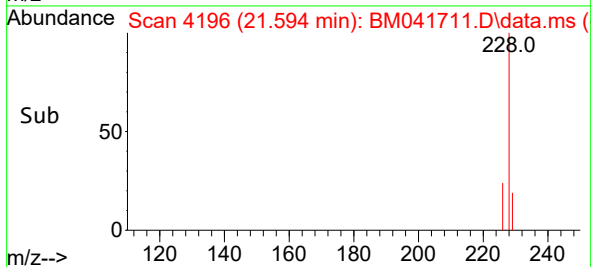
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023

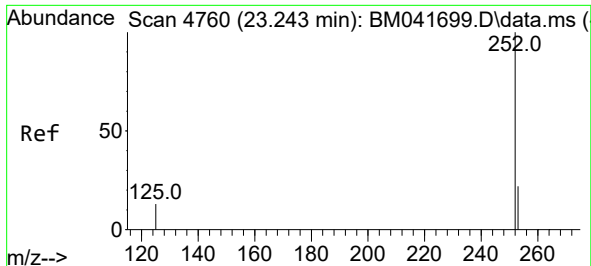


#22
Chrysene
Concen: 0.212 ng/ul m
RT: 21.594 min Scan# 4196
Delta R.T. -0.015 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13



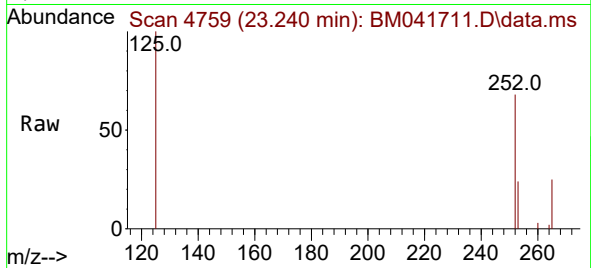
Tgt Ion:228 Resp: 15237
Ion Ratio Lower Upper
228 100
226 39.6 27.0 40.6
229 38.8 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 0.317 ng/ul
RT: 23.240 min Scan# 4759
Delta R.T. -0.012 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

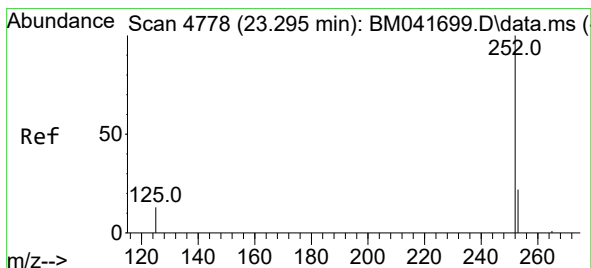
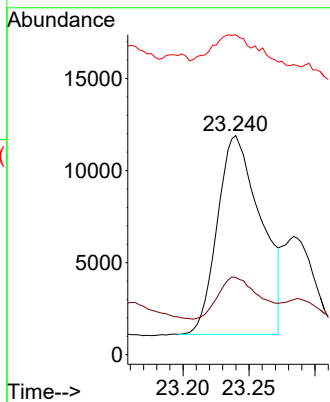
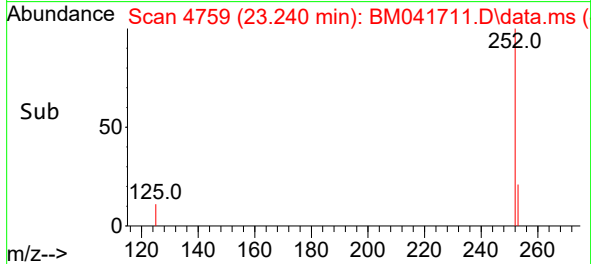
Instrument :
BNA_M
ClientSampleId :
EZYJ1RE



Tgt Ion:252 Resp: 24729
Ion Ratio Lower Upper
252 100
253 35.2 0.0 52.4
125 146.0 0.0 42.8

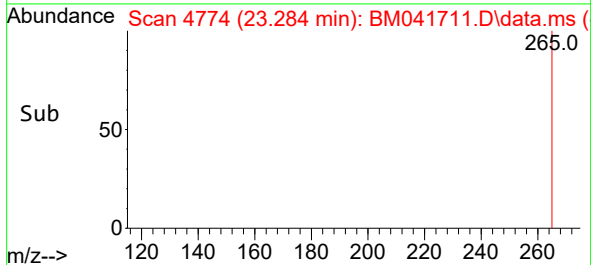
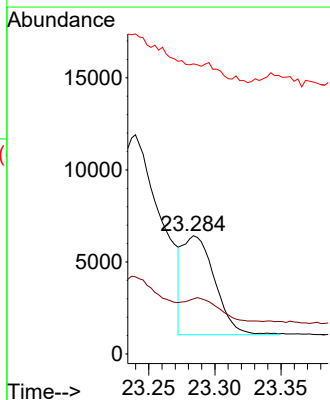
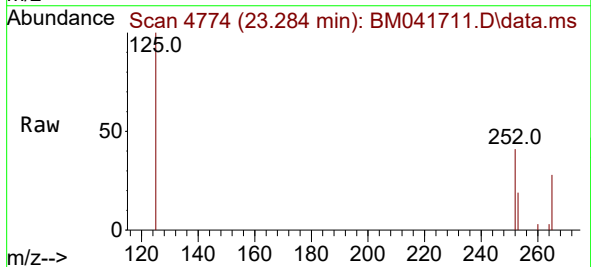
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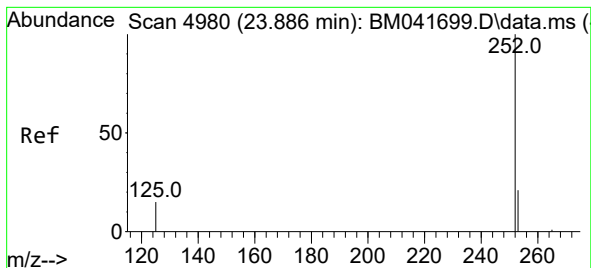
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#25
Benzo(k)fluoranthene
Concen: 0.119 ng/ul m
RT: 23.284 min Scan# 4774
Delta R.T. -0.020 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

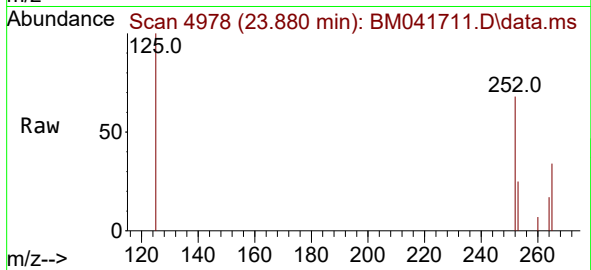
Tgt Ion:252 Resp: 9114
Ion Ratio Lower Upper
252 100
253 46.6 21.3 31.9#
125 245.2 17.4 26.0#





#26
Benzo(a)pyrene
Concen: 0.273 ng/ul
RT: 23.880 min Scan# 4980
Delta R.T. -0.017 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

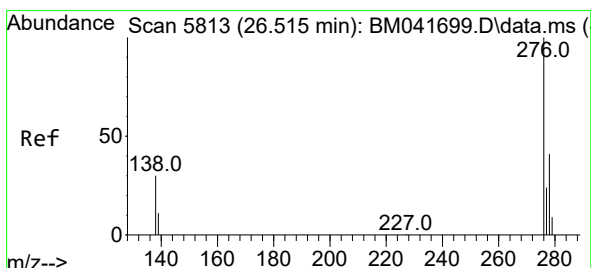
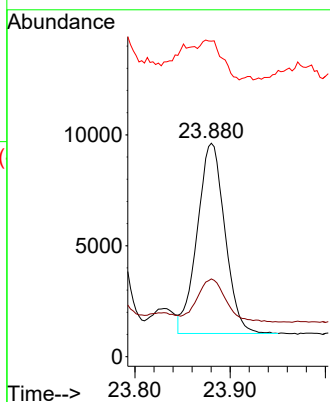
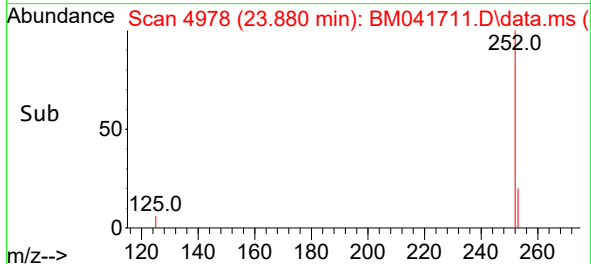
Instrument :
BNA_M
ClientSampleId :
EZYJ1RE



Tgt Ion:252 Resp: 1731
Ion Ratio Lower Upper
252 100
253 36.4 22.4 33.6
125 147.8 21.0 31.4

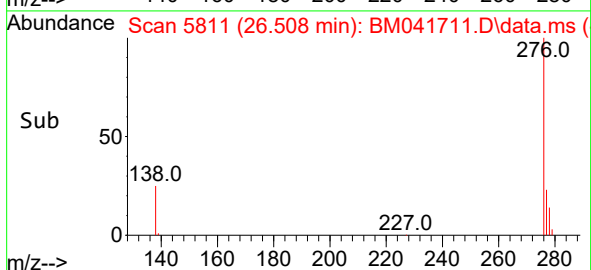
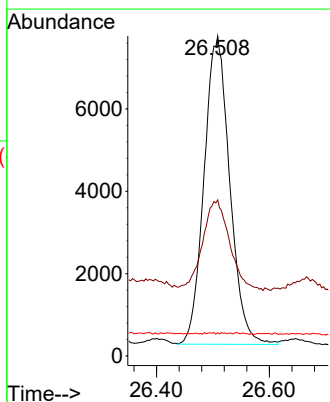
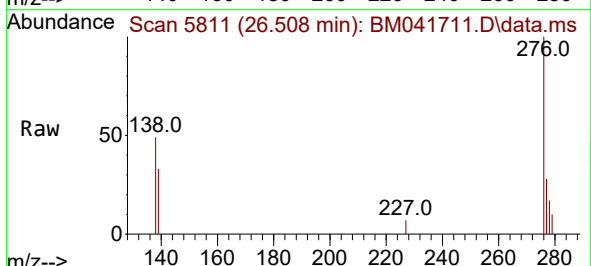
Manual Integrations
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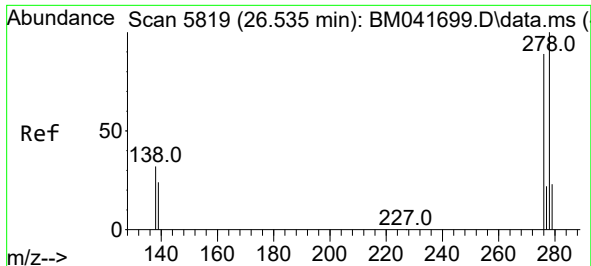
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.271 ng/ul
RT: 26.508 min Scan# 5811
Delta R.T. -0.023 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

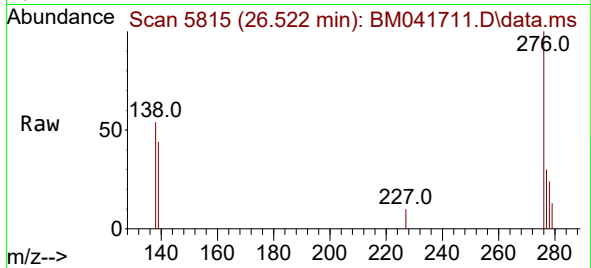
Tgt Ion:276 Resp: 23605
Ion Ratio Lower Upper
276 100
138 31.1 26.4 39.6
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 26.522 min Scan# 5815
Delta R.T. -0.030 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13

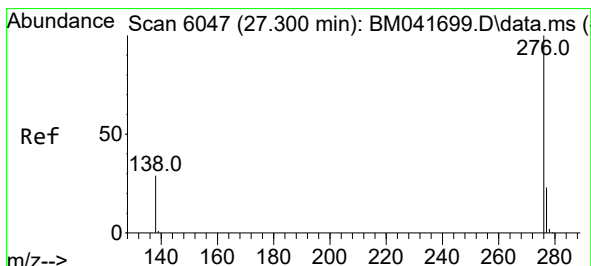
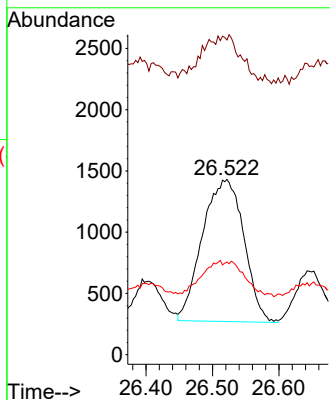
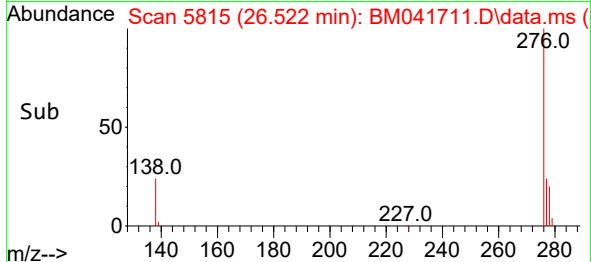
Instrument :
BNA_M
ClientSampleId :
EZYJ1RE



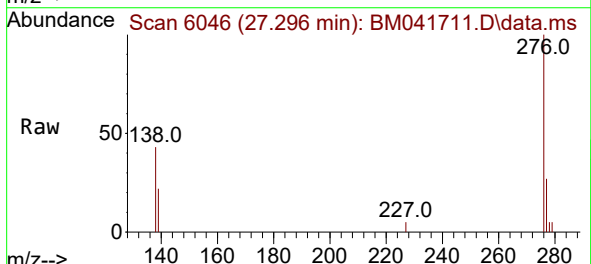
Tgt Ion:278 Resp: 5029
Ion Ratio Lower Upper
278 100
139 179.7 23.0 34.6
279 52.9 22.9 34.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 27.296 min Scan# 6046
Delta R.T. -0.020 min
Lab File: BM041711.D
Acq: 08 Sep 2023 01:13



Tgt Ion:276 Resp: 29591
Ion Ratio Lower Upper
276 100
138 43.0 25.0 37.4
277 26.6 20.2 30.2

