

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041116.D
 Acq On : 25 Jul 2023 21:26
 Operator : MA/JU
 Sample : 03534-18DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4736DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 26 04:41:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 04:20:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	4097	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	14196	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	7751	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.244	188	16976	0.400	ng/ul	0.00
17) Chrysene-d12	21.442	240	13178	0.400	ng/ul	0.00
23) Perylene-d12	23.825	264	13535	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	3954	0.626	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	945	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.278	212	1970	0.055	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.686	128	7056	0.153	ng/ul	98
7) 2-Methylnaphthalene	12.313	142	2687	0.119	ng/ul	96
8) 1-Methylnaphthalene	12.528	142	2025	0.087	ng/ul	99
10) Acenaphthylene	14.208	152	2975	0.091	ng/ul#	89
11) Acenaphthene	14.550	153	24584	0.890	ng/ul	99
12) Fluorene	15.540	166	32071	1.064	ng/ul	100
15) Phenanthrene	17.286	178	408393	7.804	ng/ul	98
16) Anthracene	17.379	178	83920	1.981	ng/ul	98
19) Fluoranthene	19.311	202	438986	9.295	ng/ul	96
20) Pyrene	19.673	202	347394	6.671	ng/ul	98
21) Benzo(a)anthracene	21.425	228	156279	3.547	ng/ul	99
22) Chrysene	21.477	228	141926	2.789	ng/ul	99
24) Benzo(b)fluoranthene	23.100	252	162590	3.015	ng/ul	89
25) Benzo(k)fluoranthene	23.143	252	55403m	1.076	ng/ul	
26) Benzo(a)pyrene	23.716	252	96206	2.202	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.277	276	71249	1.102	ng/ul	93
28) Dibenzo(a,h)anthracene	26.287	278	17885	0.353	ng/ul	97
29) Benzo(g,h,i)perylene	27.035	276	61518	1.064	ng/ul	97

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

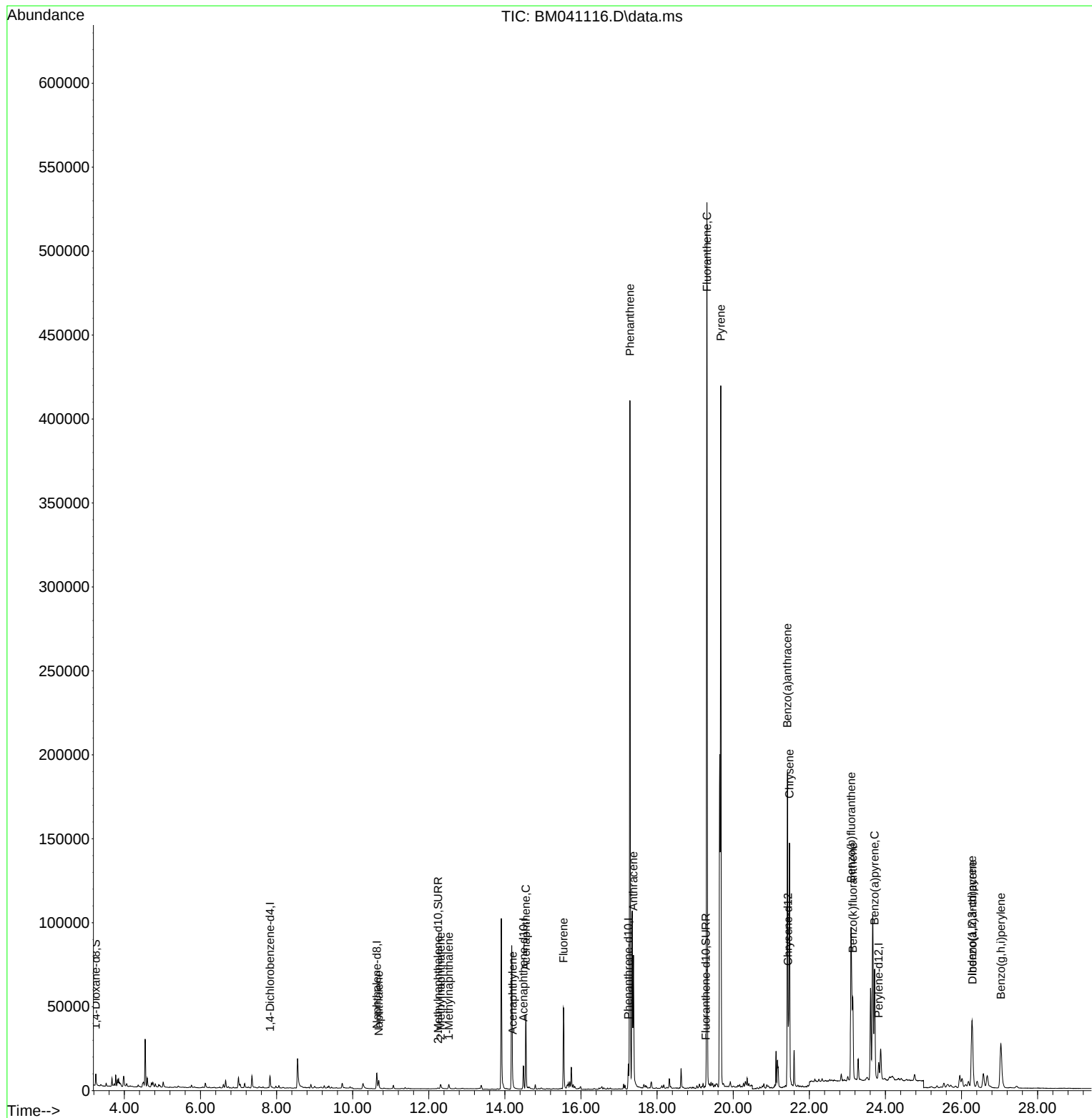
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041116.D
Acq On : 25 Jul 2023 21:26
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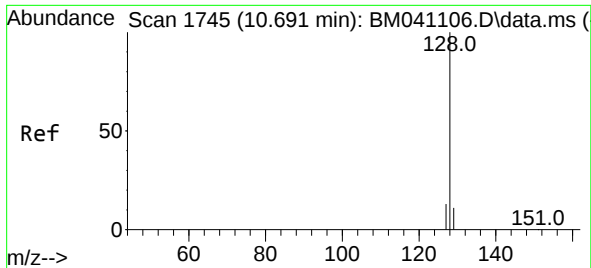
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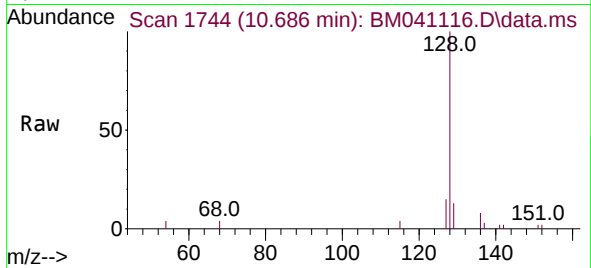
Quant Time: Jul 26 04:41:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.153 ng/ul
RT: 10.686 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

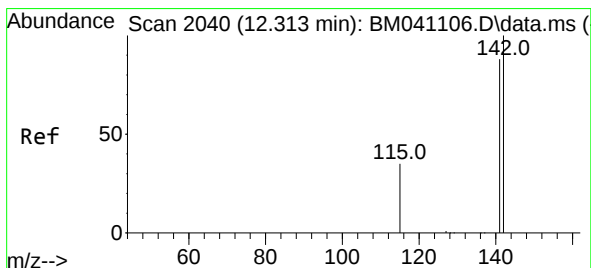
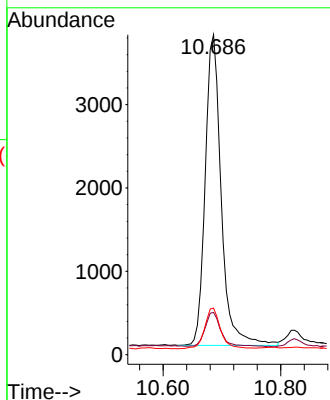
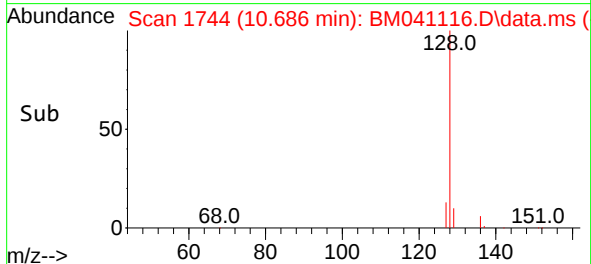
Instrument :
BNA_M
ClientSampleId :
A4736DL



Tgt Ion:128 Resp: 7050
Ion Ratio Lower Upper
128 100
129 13.2 9.8 14.8
127 14.6 11.1 16.7

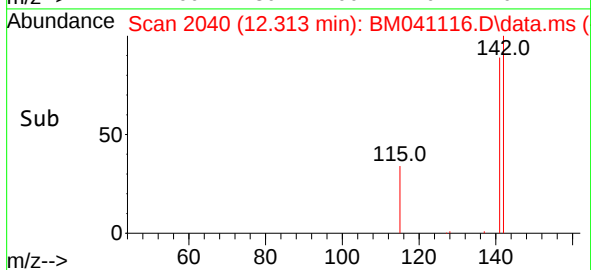
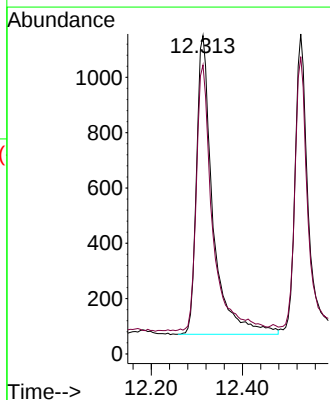
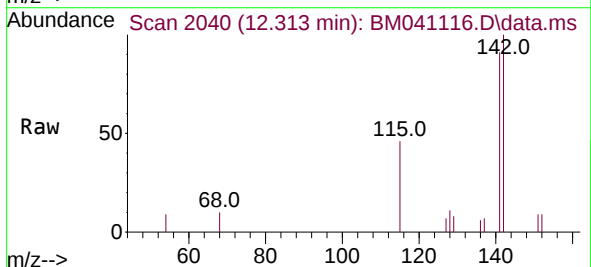
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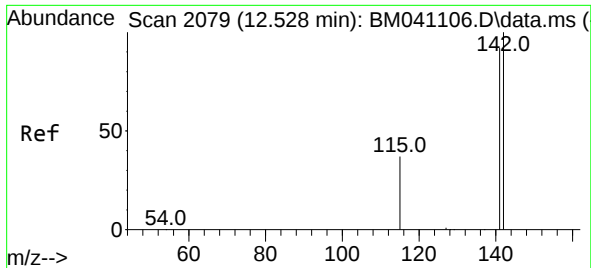
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#7
2-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.313 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

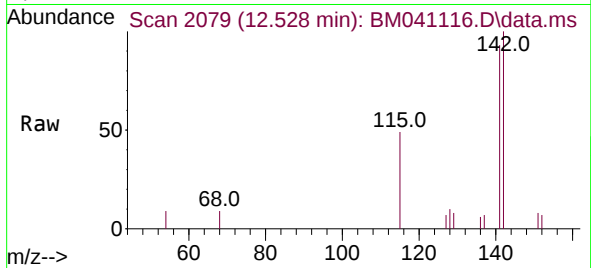
Tgt Ion:142 Resp: 2687
Ion Ratio Lower Upper
142 100
141 87.8 73.3 109.9





#8
1-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

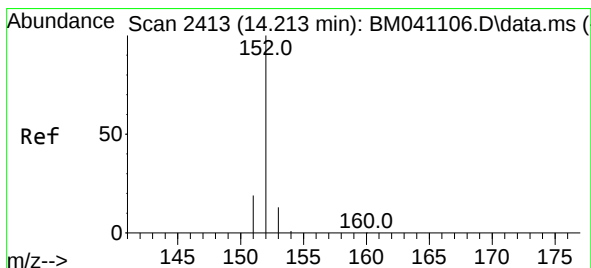
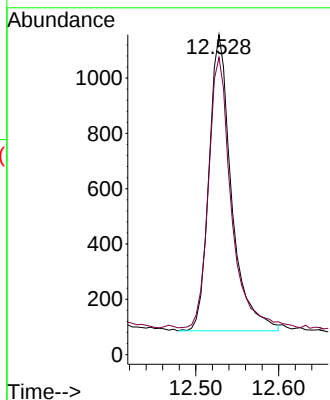
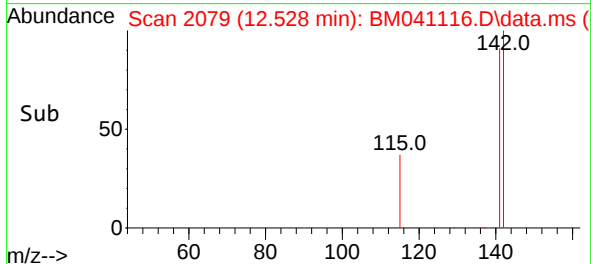
Instrument :
BNA_M
ClientSampleId :
A4736DL



Tgt Ion:142 Resp: 2029
Ion Ratio Lower Upper
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141 90.9 73.6 110.4

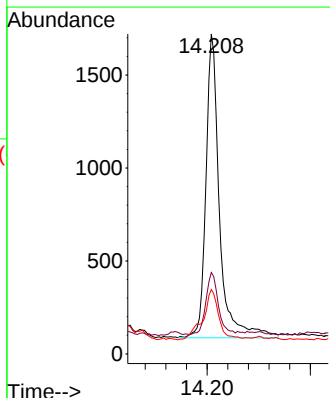
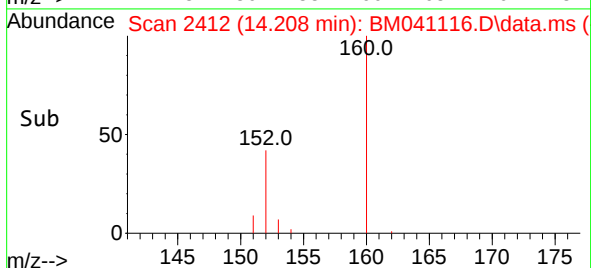
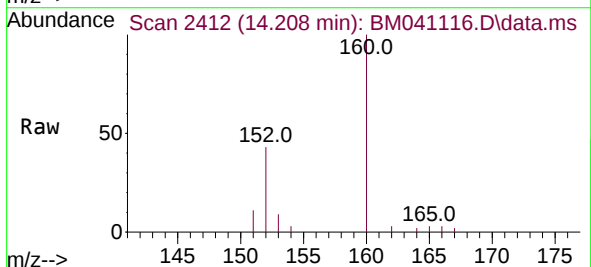
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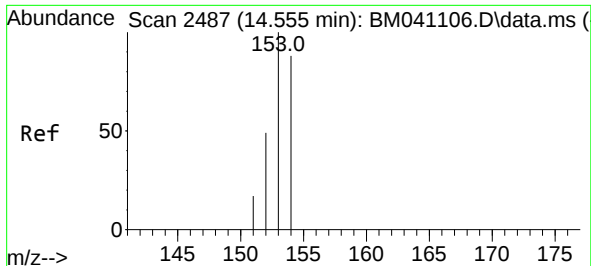
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#10
Acenaphthylene
Concen: 0.091 ng/ul
RT: 14.208 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

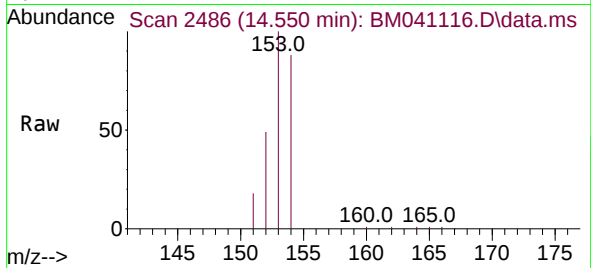
Tgt Ion:152 Resp: 2975
Ion Ratio Lower Upper
152 100
151 25.5 16.8 25.2#
153 20.1 11.4 17.2#





#11
Acenaphthene
Concen: 0.890 ng/ul
RT: 14.550 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

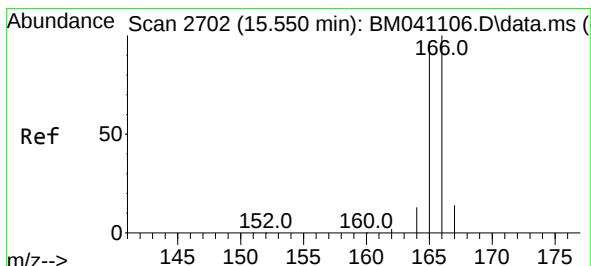
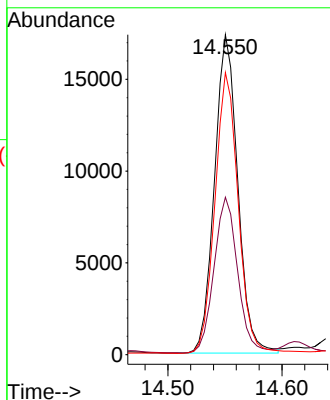
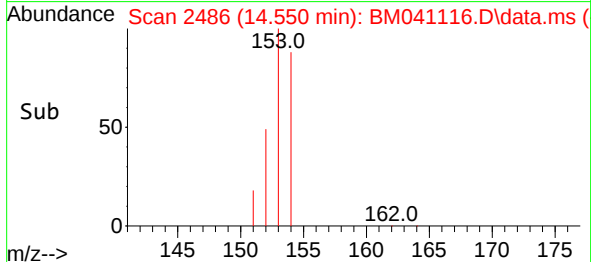
Instrument :
BNA_M
ClientSampleId :
A4736DL



Tgt Ion:153 Resp: 24584
Ion Ratio Lower Upper
153 100
152 49.2 40.2 60.4
154 88.2 70.3 105.5

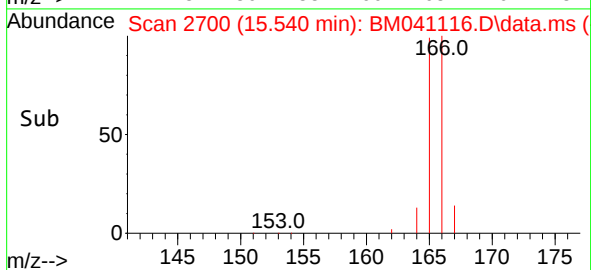
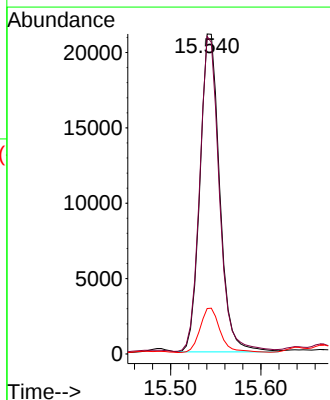
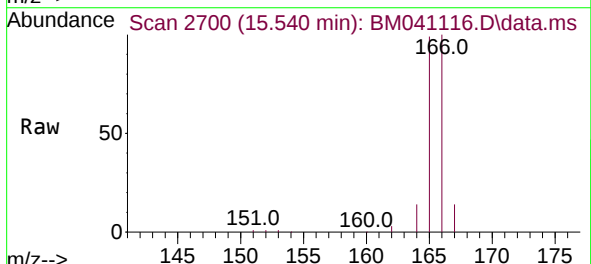
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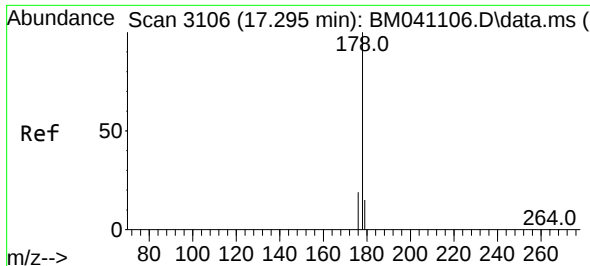
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#12
Fluorene
Concen: 1.064 ng/ul
RT: 15.540 min Scan# 2700
Delta R.T. -0.009 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

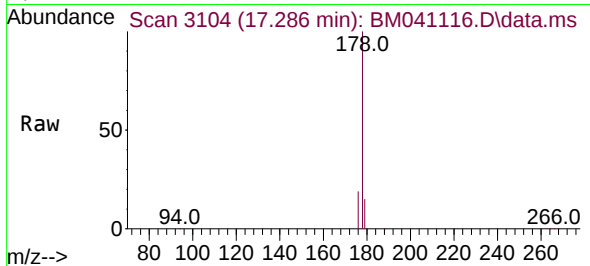
Tgt Ion:166 Resp: 32071
Ion Ratio Lower Upper
166 100
165 99.2 79.4 119.0
167 14.2 11.4 17.2





#15
Phenanthrene
Concen: 7.804 ng/ul
RT: 17.286 min Scan# 3104
Delta R.T. -0.009 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

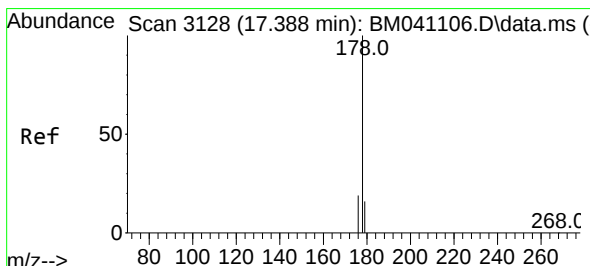
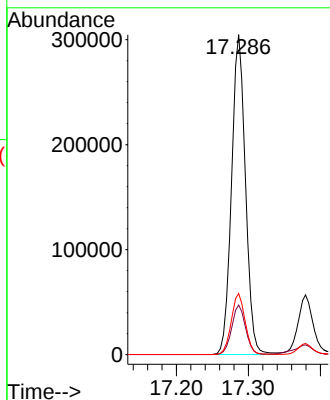
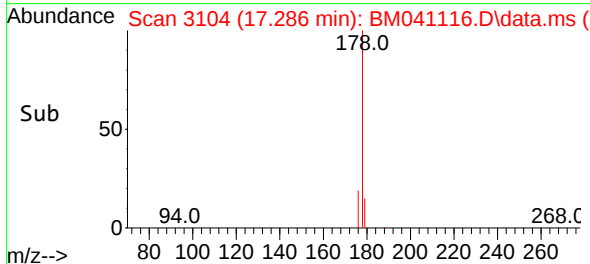
Instrument :
BNA_M
ClientSampleId :
A4736DL



Tgt Ion:178 Resp: 40839
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 19.1 16.0 24.0

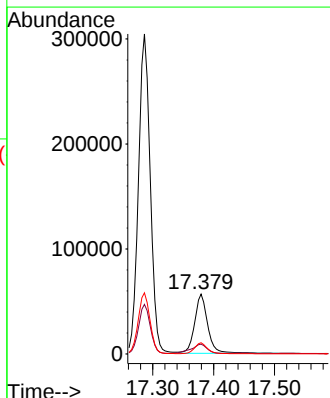
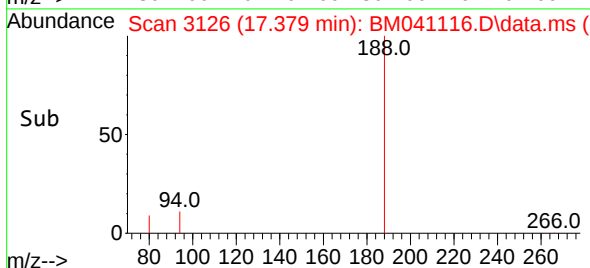
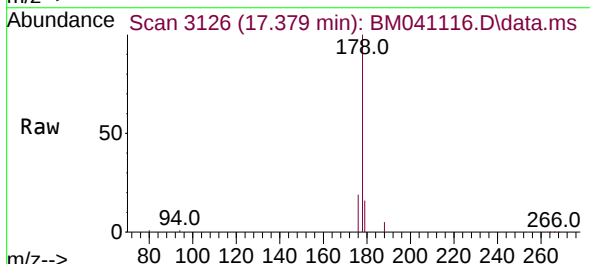
Manual Integrations
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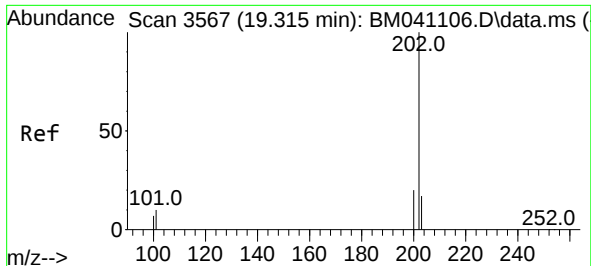
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#16
Anthracene
Concen: 1.981 ng/ul
RT: 17.379 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

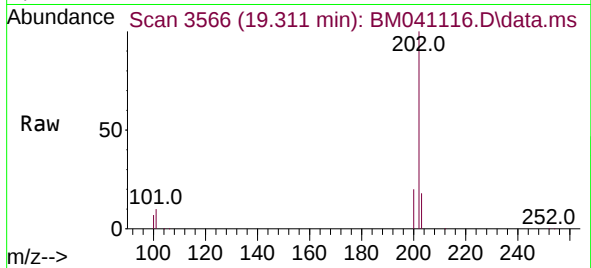
Tgt Ion:178 Resp: 83920
Ion Ratio Lower Upper
178 100
179 16.4 13.6 20.4
176 18.7 16.0 24.0





#19
Fluoranthene
Concen: 9.295 ng/ul
RT: 19.311 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

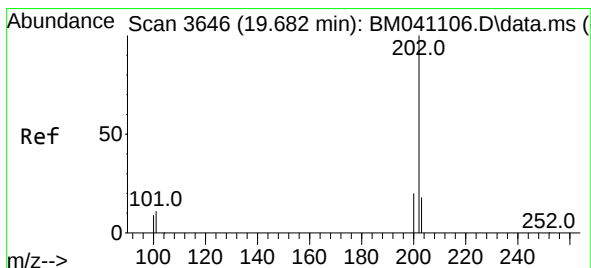
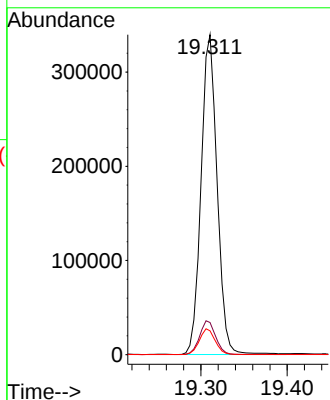
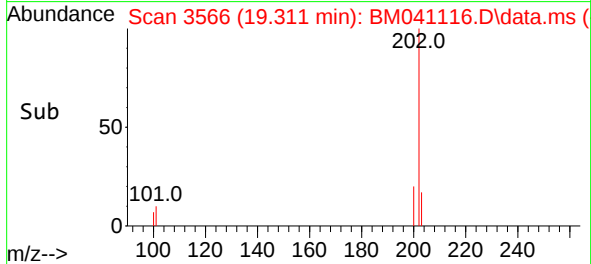
Instrument :
BNA_M
ClientSampleId :
A4736DL



Tgt Ion:202 Resp: 438980
Ion Ratio Lower Upper
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101 10.1 9.4 14.0
100 7.4 7.1 10.7

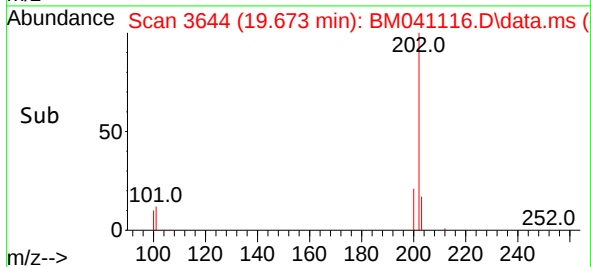
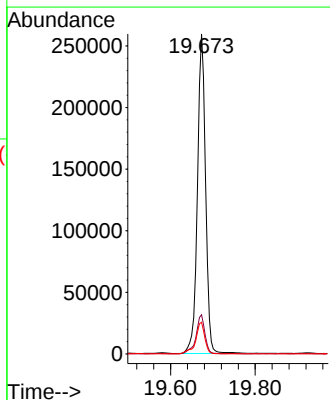
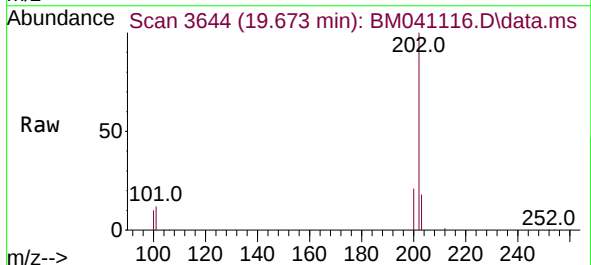
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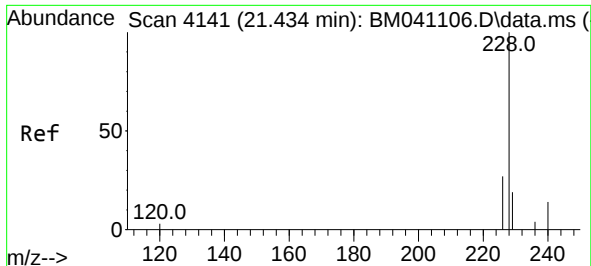
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#20
Pyrene
Concen: 6.671 ng/ul
RT: 19.673 min Scan# 3644
Delta R.T. -0.009 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

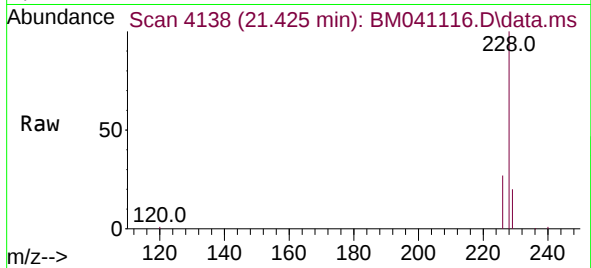
Tgt Ion:202 Resp: 347394
Ion Ratio Lower Upper
202 100
101 12.3 10.7 16.1
100 9.9 8.5 12.7





#21
Benzo(a)anthracene
Concen: 3.547 ng/ul
RT: 21.425 min Scan# 41138
Delta R.T. -0.009 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

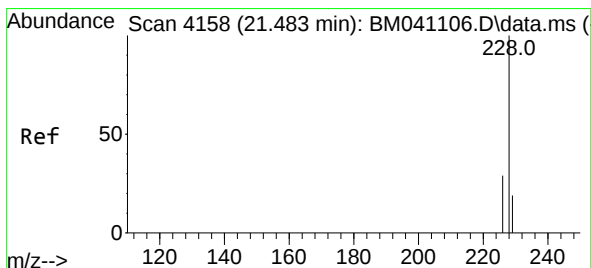
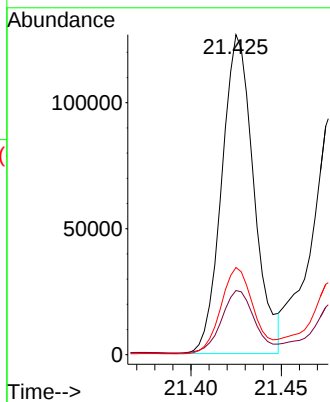
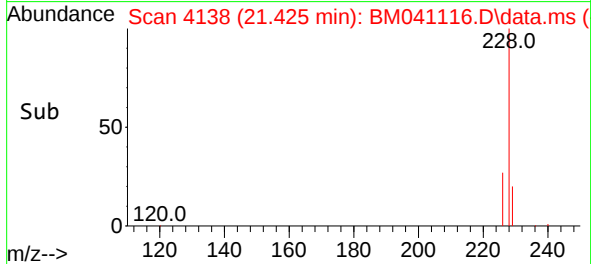
Instrument :
BNA_M
ClientSampleId :
A4736DL



Tgt Ion:228 Resp: 156279
Ion Ratio Lower Upper
228 100
229 20.1 16.5 24.7
226 27.3 22.2 33.2

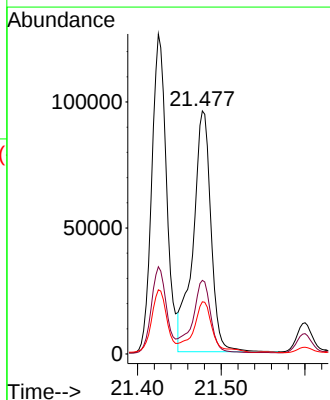
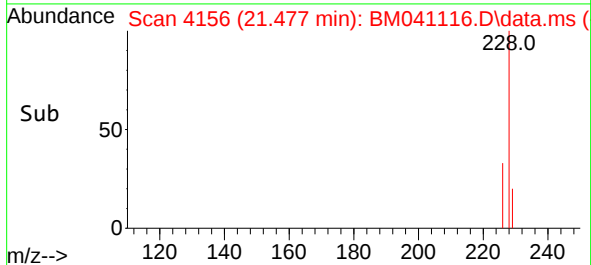
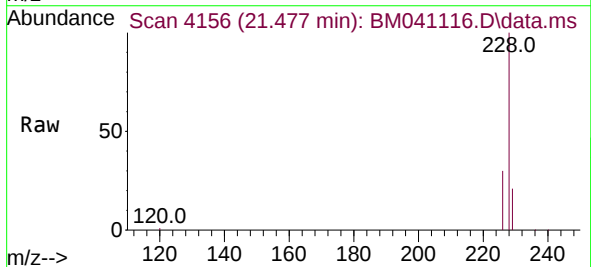
Manual Integrations
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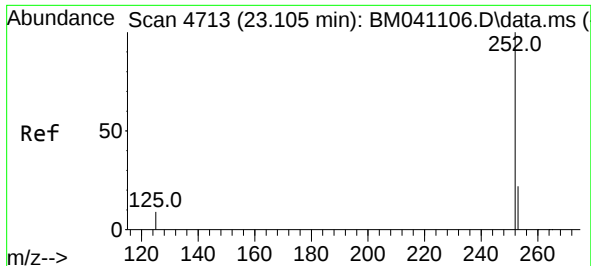
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#22
Chrysene
Concen: 2.789 ng/ul
RT: 21.477 min Scan# 4156
Delta R.T. -0.009 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

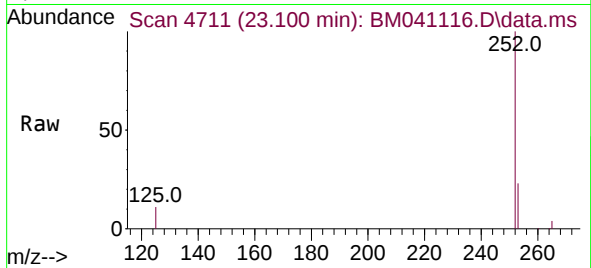
Tgt Ion:228 Resp: 141926
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 21.5 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 3.015 ng/ul
RT: 23.100 min Scan# 4711
Delta R.T. -0.006 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

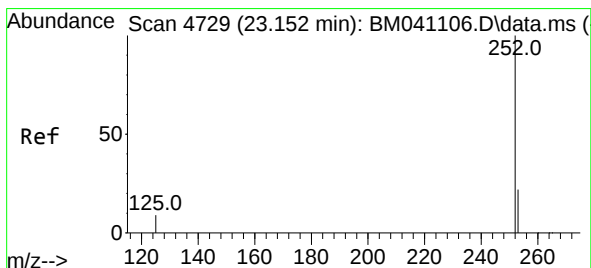
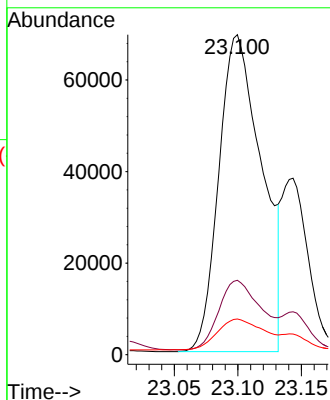
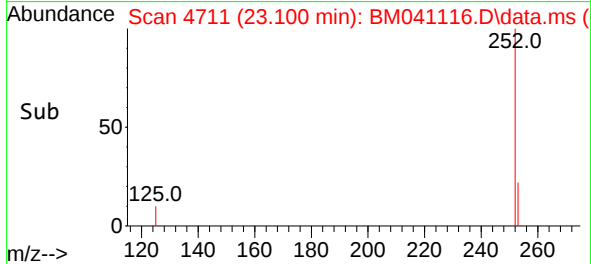
Instrument :
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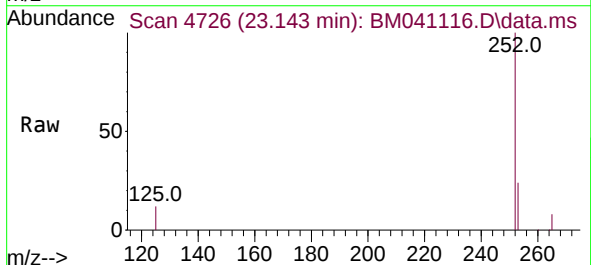
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253 23.3 0.0 57.6
125 11.1 0.0 33.6

Manual Integrations
APPROVED

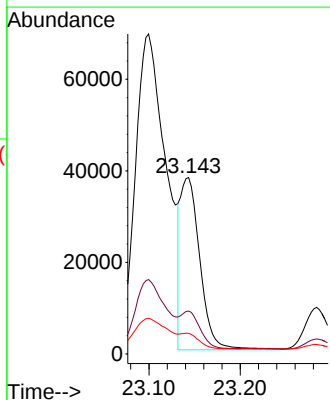
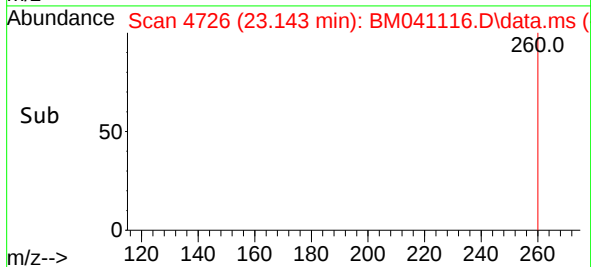
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

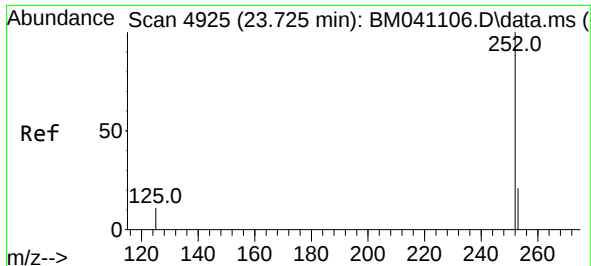


#25
Benzo(k)fluoranthene
Concen: 1.076 ng/ul m
RT: 23.143 min Scan# 4726
Delta R.T. -0.012 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26



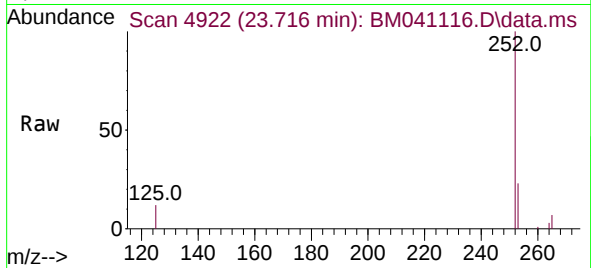
Tgt Ion:252 Resp: 55403
Ion Ratio Lower Upper
252 100
253 24.3 22.8 34.2
125 11.7 13.5 20.3#





#26
Benzo(a)pyrene
Concen: 2.202 ng/ul
RT: 23.716 min Scan# 4925
Delta R.T. -0.012 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

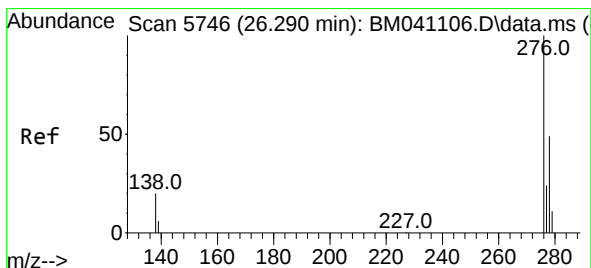
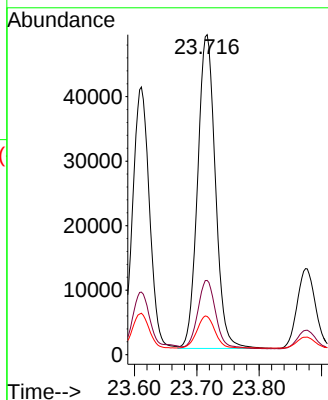
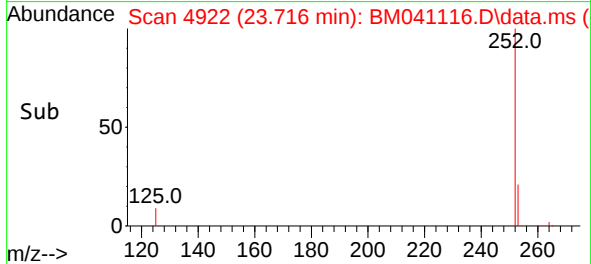
Instrument :
BNA_M
ClientSampleId :
A4736DL



Tgt Ion:252 Resp: 96200
Ion Ratio Lower Upper
252 100
253 23.2 26.7 40.1
125 12.0 18.1 27.1

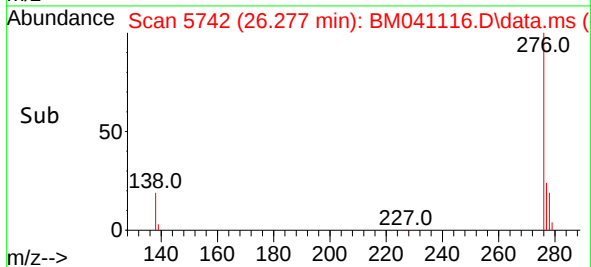
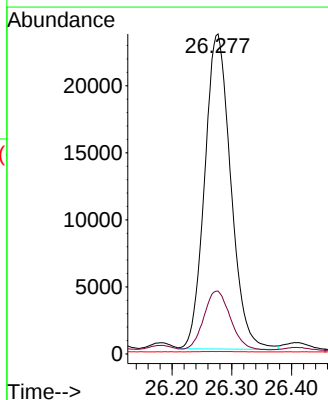
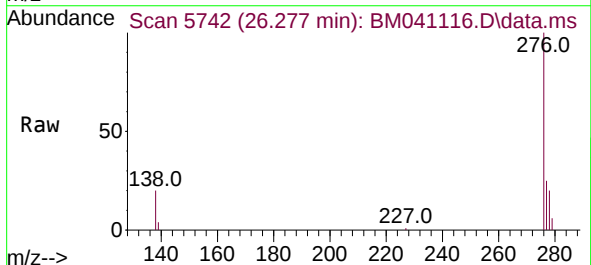
Manual Integrations
APPROVED

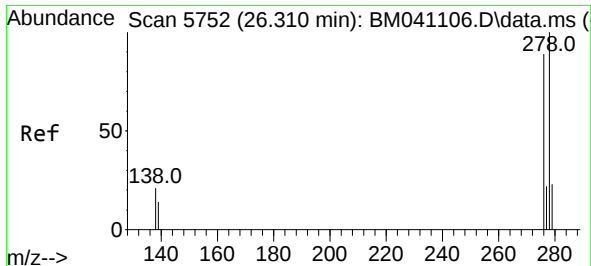
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.102 ng/ul
RT: 26.277 min Scan# 5742
Delta R.T. -0.020 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

Tgt Ion:276 Resp: 71249
Ion Ratio Lower Upper
276 100
138 19.0 18.1 27.1
227 0.2 0.2 0.2





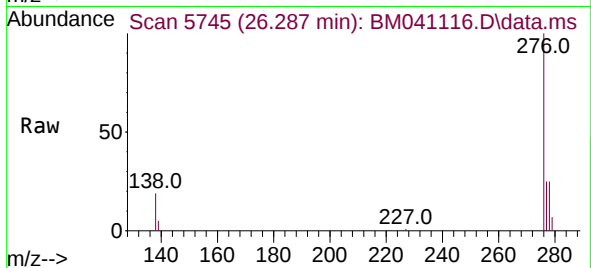
#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 26.287 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

Instrument :

BNM_M

ClientSampleId :

A4736DL



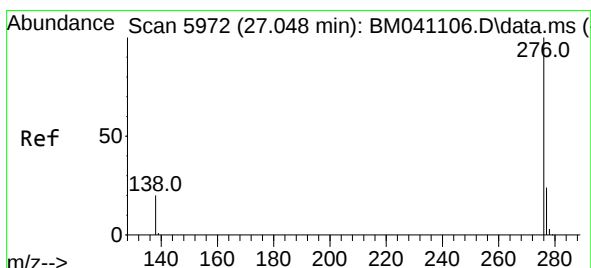
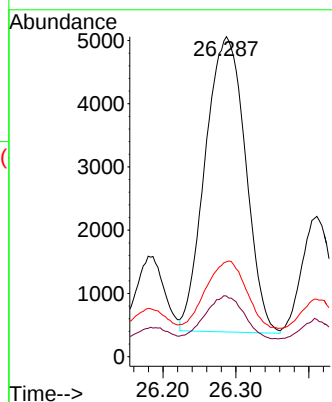
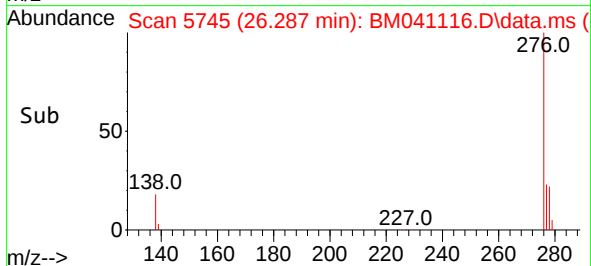
Tgt Ion:278 Resp: 1788
Ion Ratio Lower Upper
278 100
139 18.9 14.1 21.1
279 29.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/27/2023



#29
Benzo(g,h,i)perylene
Concen: 1.064 ng/ul
RT: 27.035 min Scan# 5968
Delta R.T. -0.017 min
Lab File: BM041116.D
Acq: 25 Jul 2023 21:26

Tgt Ion:276 Resp: 61518
Ion Ratio Lower Upper
276 100
138 20.6 18.2 27.2
277 24.8 20.6 30.8

