

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041878.D
 Acq On : 14 Sep 2023 23:43
 Operator : MA/JU
 Sample : 04175-21DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYD4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 00:31:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	9089	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	24196	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.620	164	12393	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	25382	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	9267	0.400	ng/ul	# 0.00
23) Perylene-d12	23.968	264	9194	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	11171	0.966	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	3213	0.098	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	3768	0.119	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	94601	1.160	ng/ul	100
7) 2-Methylnaphthalene	12.445	142	35210	0.718	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	22592	0.452	ng/ul	100
10) Acenaphthylene	14.347	152	1855	0.024	ng/ul#	35
11) Acenaphthene	14.680	153	5394	0.091	ng/ul	94
12) Fluorene	15.670	166	6212	0.089	ng/ul#	93
15) Phenanthrene	17.413	178	55748	0.503	ng/ul	98
16) Anthracene	17.506	178	8889	0.092	ng/ul#	85
19) Fluoranthene	19.422	202	67944	0.947	ng/ul	98
20) Pyrene	19.789	202	61402m	0.817	ng/ul	
21) Benzo(a)anthracene	21.524	228	18285	0.299	ng/ul#	75
22) Chrysene	21.580	228	23865m	0.381	ng/ul	
24) Benzo(b)fluoranthene	23.220	252	24224	0.370	ng/ul#	33
25) Benzo(k)fluoranthene	23.263	252	7464m	0.124	ng/ul	
26) Benzo(a)pyrene	23.857	252	17915	0.359	ng/ul#	41
27) Indeno(1,2,3-cd)pyrene	26.475	276	15095	0.197	ng/ul#	92
29) Benzo(g,h,i)perylene	27.263	276	19442	0.300	ng/ul#	75

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

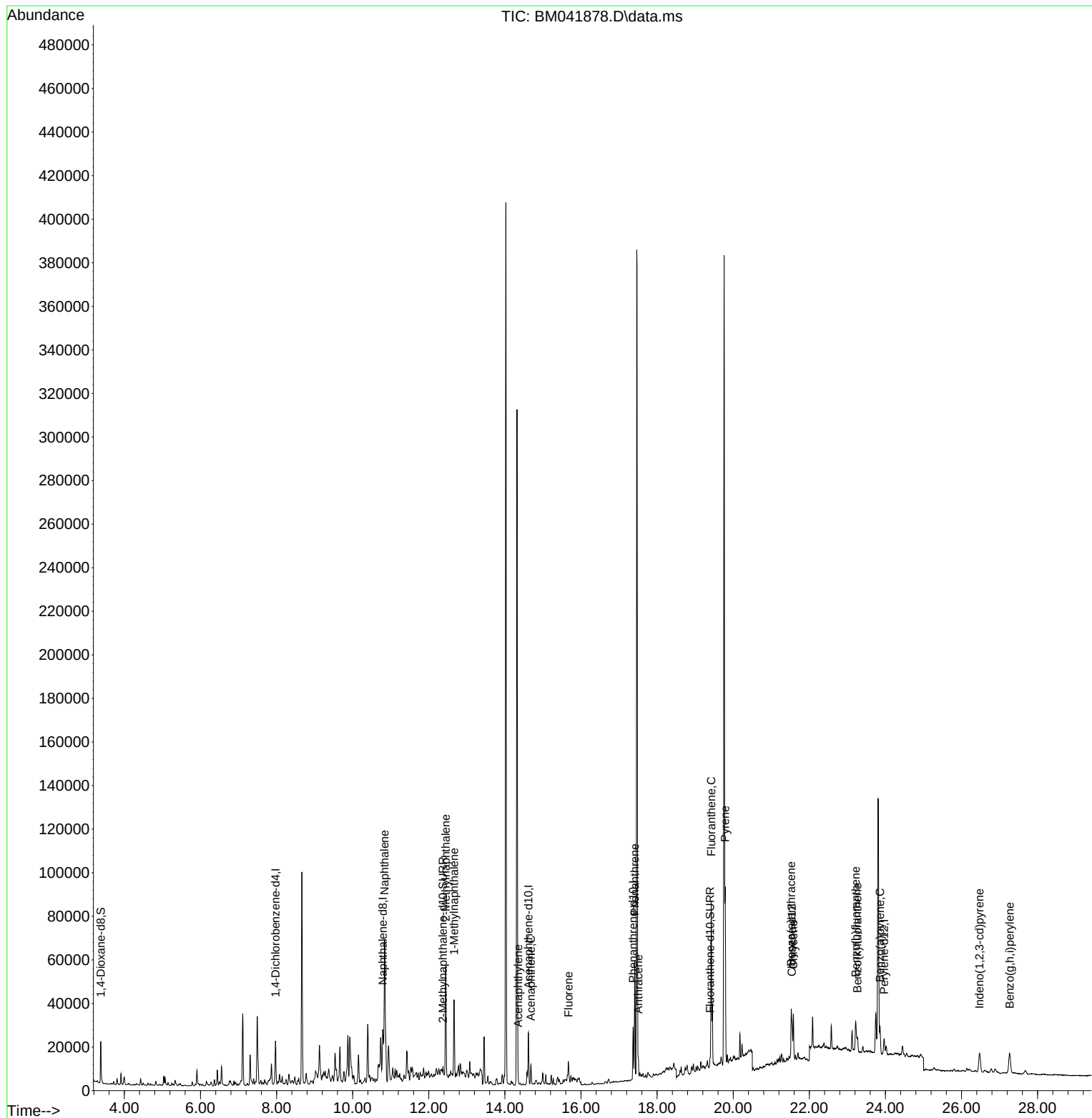
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041878.D
Acq On : 14 Sep 2023 23:43
Operator : MA/JU
Sample : 04175-21DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

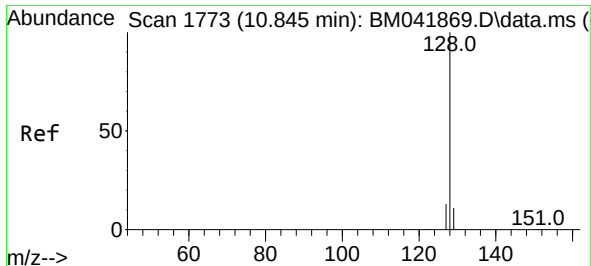
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Quant Time: Sep 15 00:31:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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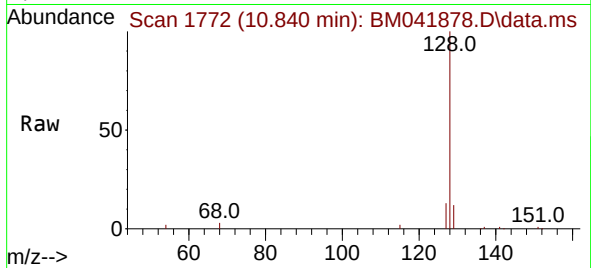
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023





#5
Naphthalene
Concen: 1.160 ng/ul
RT: 10.840 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM041878.D
Acq: 14 Sep 2023 23:43

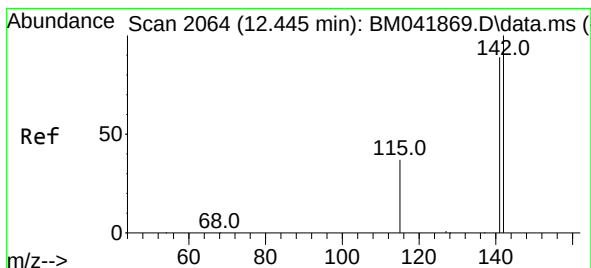
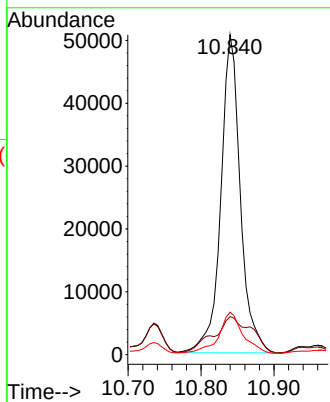
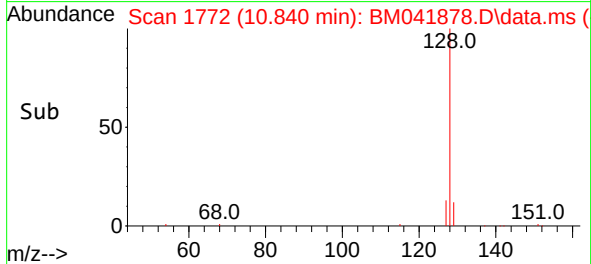
Instrument :
BNA_M
ClientSampleId :
EZYD4DL



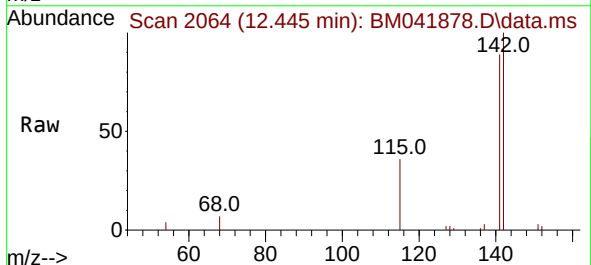
Tgt Ion:128 Resp: 9460
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 13.3 10.7 16.1

Manual Integrations
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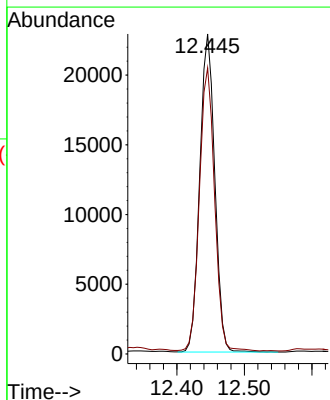
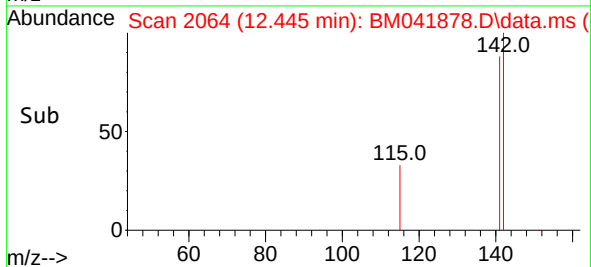
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

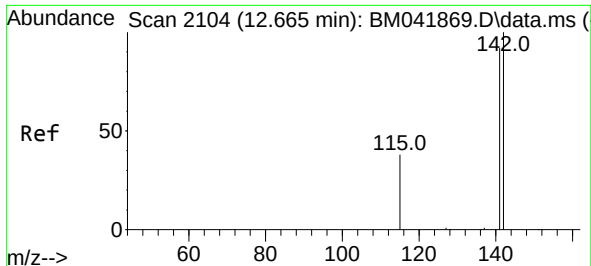


#7
2-Methylnaphthalene
Concen: 0.718 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM041878.D
Acq: 14 Sep 2023 23:43



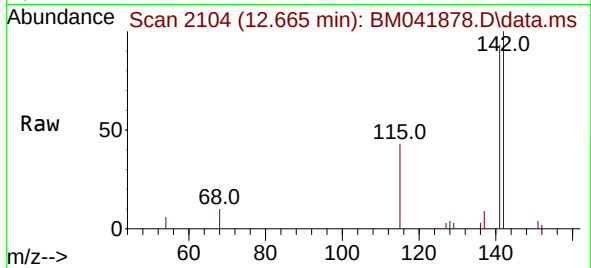
Tgt Ion:142 Resp: 35210
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.452 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM041878.D
Acq: 14 Sep 2023 23:43

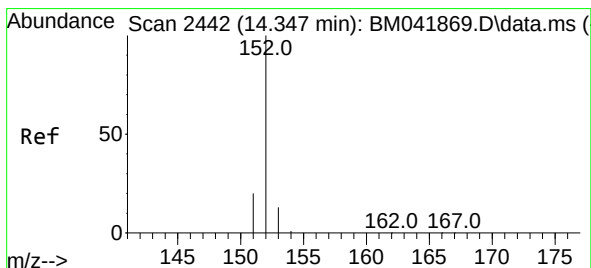
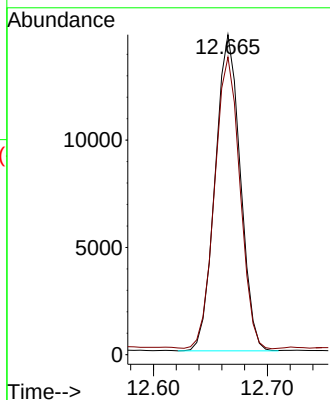
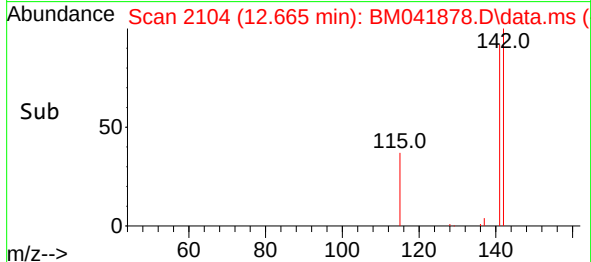
Instrument :
BNA_M
ClientSampleId :
EZYD4DL



Tgt Ion:142 Resp: 22592
Ion Ratio Lower Upper
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141 92.8 74.3 111.5

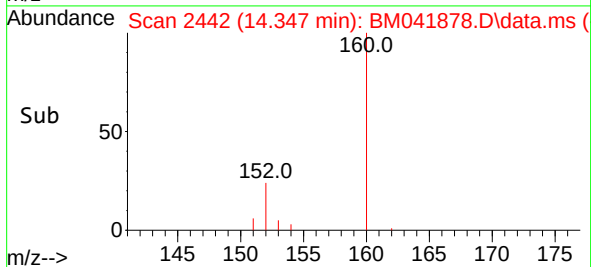
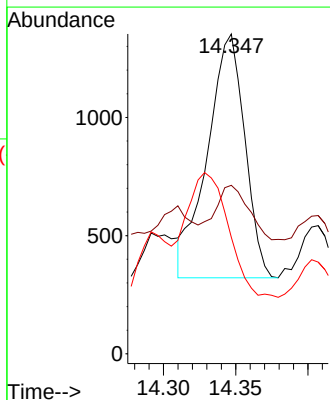
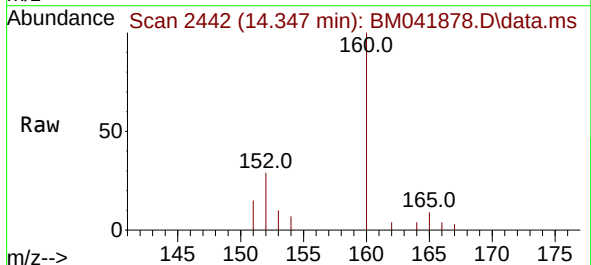
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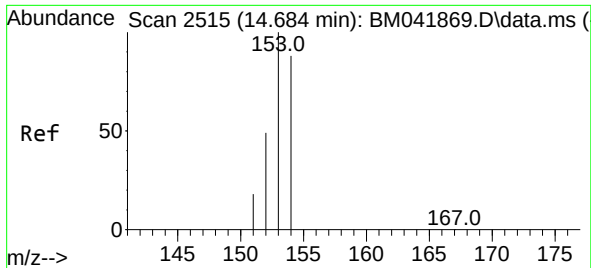
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.347 min Scan# 2442
Delta R.T. 0.005 min
Lab File: BM041878.D
Acq: 14 Sep 2023 23:43

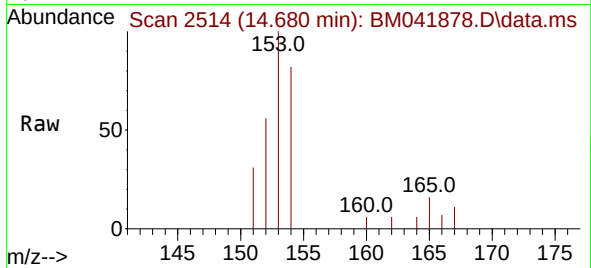
Tgt Ion:152 Resp: 1855
Ion Ratio Lower Upper
152 100
151 52.7 16.3 24.5#
153 36.4 10.9 16.3#





#11
Acenaphthene
Concen: 0.091 ng/u1
RT: 14.680 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BM041878.D
Acq: 14 Sep 2023 23:43

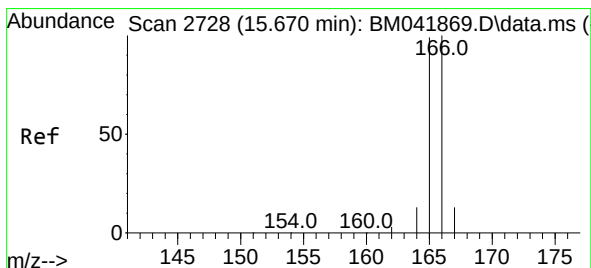
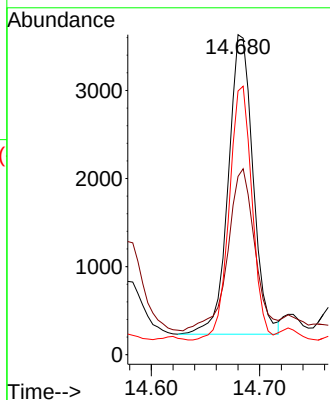
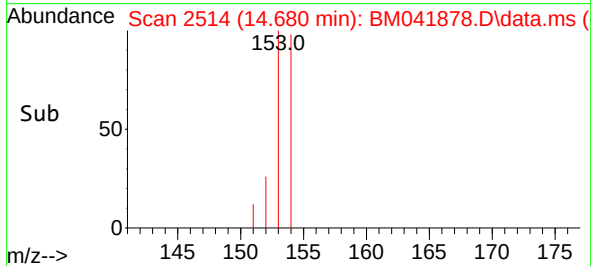
Instrument :
BNA_M
ClientSampleId :
EZYD4DL



Tgt Ion:153 Resp: 5394
Ion Ratio Lower Upper
153 100
152 55.7 41.5 62.3
154 82.4 70.7 106.1

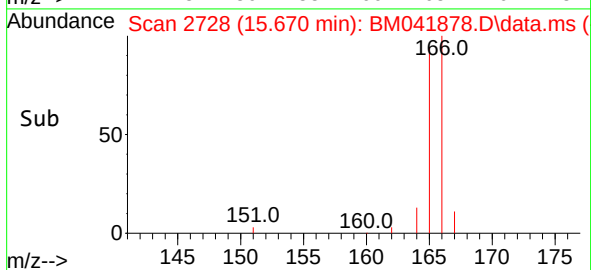
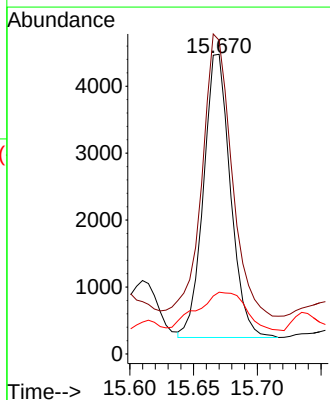
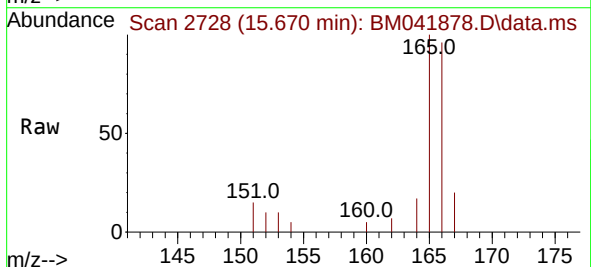
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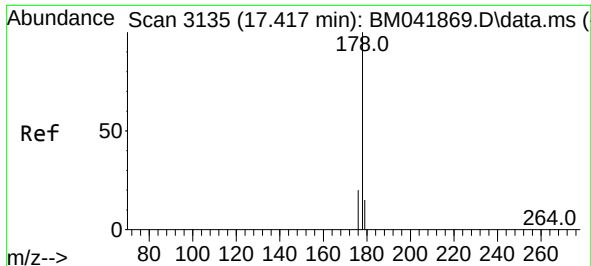
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#12
Fluorene
Concen: 0.089 ng/u1
RT: 15.670 min Scan# 2728
Delta R.T. 0.005 min
Lab File: BM041878.D
Acq: 14 Sep 2023 23:43

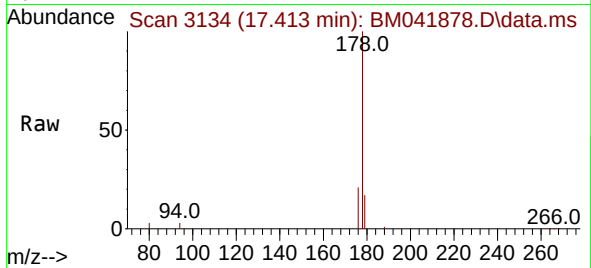
Tgt Ion:166 Resp: 6212
Ion Ratio Lower Upper
166 100
165 104.6 79.3 118.9
167 20.6 11.2 16.8#





#15
Phenanthrene
Concen: 0.503 ng/u1
RT: 17.413 min Scan# 3113
Delta R.T. 0.004 min
Lab File: BM041878.D
Acq: 14 Sep 2023 23:43

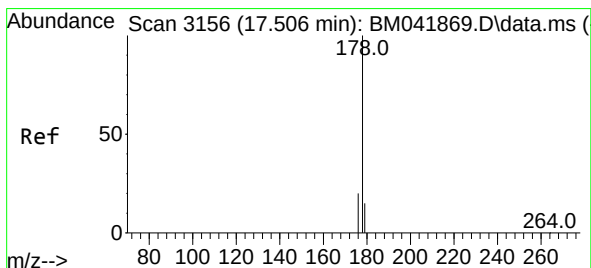
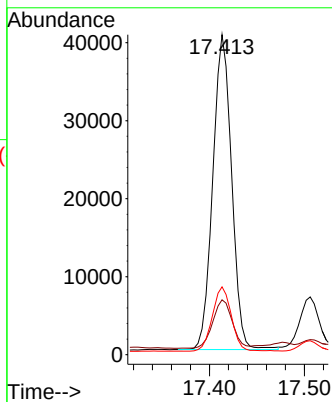
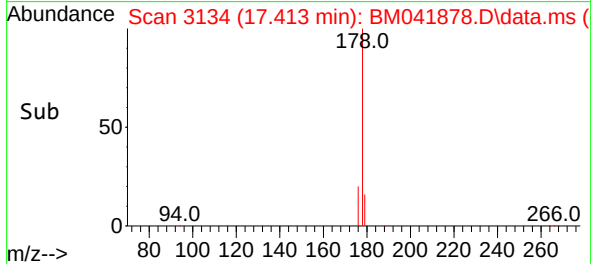
Instrument :
BNA_M
ClientSampleId :
EZYD4DL



Tgt Ion:178 Resp: 55748
Ion Ratio Lower Upper
178 100
179 17.2 12.6 19.0
176 21.2 16.6 25.0

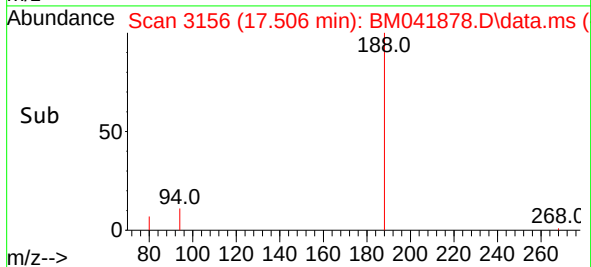
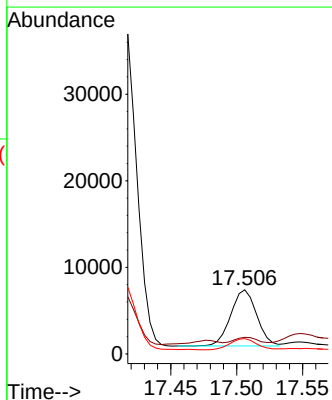
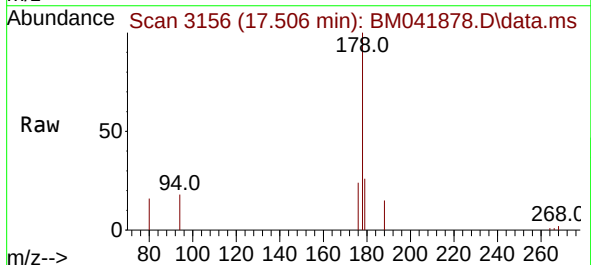
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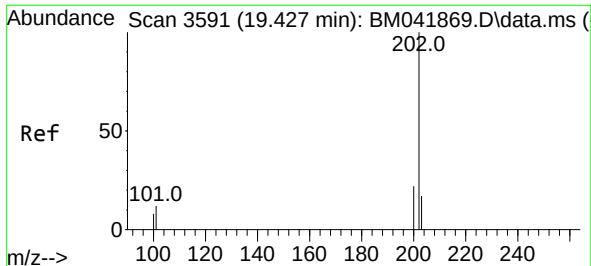
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#16
Anthracene
Concen: 0.092 ng/u1
RT: 17.506 min Scan# 3156
Delta R.T. 0.004 min
Lab File: BM041878.D
Acq: 14 Sep 2023 23:43

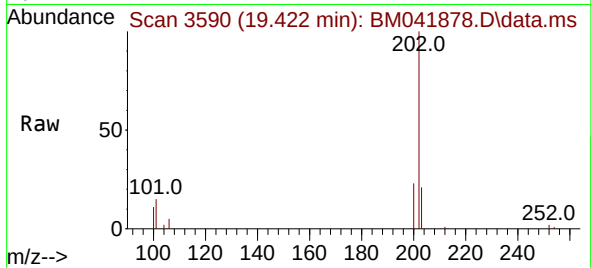
Tgt Ion:178 Resp: 8889
Ion Ratio Lower Upper
178 100
179 26.0 12.7 19.1#
176 24.0 16.1 24.1





#19
Fluoranthene
Concen: 0.947 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. 0.005 min
Lab File: BM041878.D
Acq: 14 Sep 2023 23:43

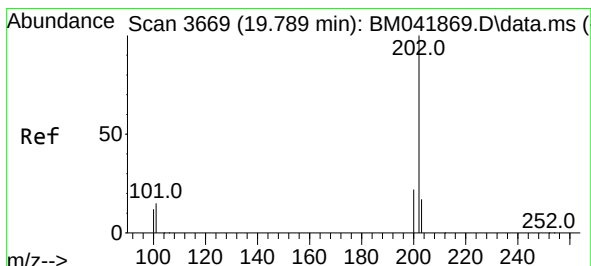
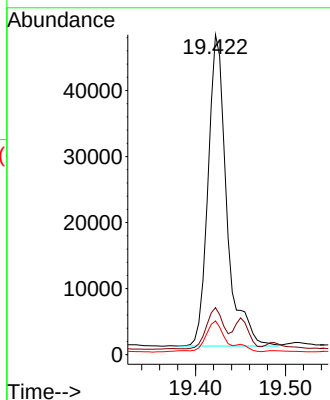
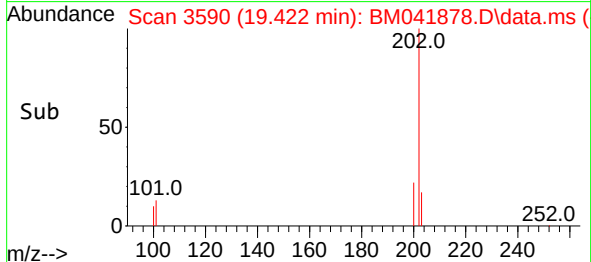
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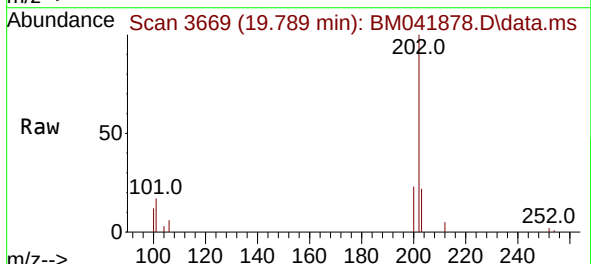
Tgt Ion:202 Resp: 67944
Ion Ratio Lower Upper
202 100
101 14.7 11.0 16.6
100 10.5 8.2 12.4

Manual Integrations
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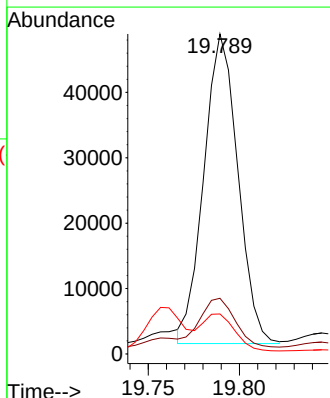
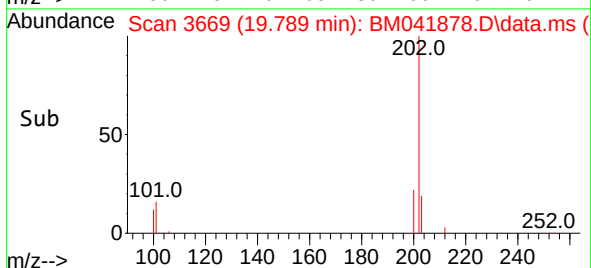
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

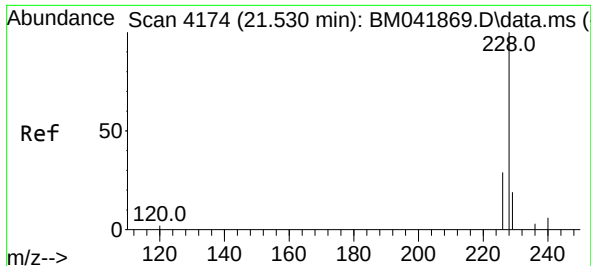


#20
Pyrene
Concen: 0.817 ng/ul m
RT: 19.789 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BM041878.D
Acq: 14 Sep 2023 23:43



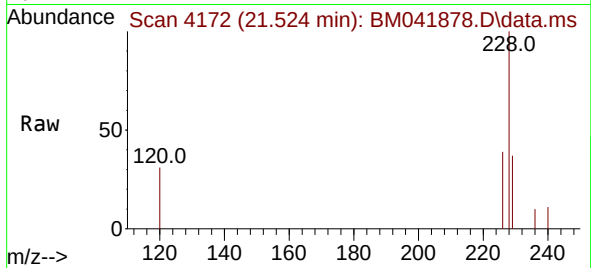
Tgt Ion:202 Resp: 61402
Ion Ratio Lower Upper
202 100
101 17.4 12.6 19.0
100 12.5 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.299 ng/ul
RT: 21.524 min Scan# 4172
Delta R.T. 0.003 min
Lab File: BM041878.D
Acq: 14 Sep 2023 23:43

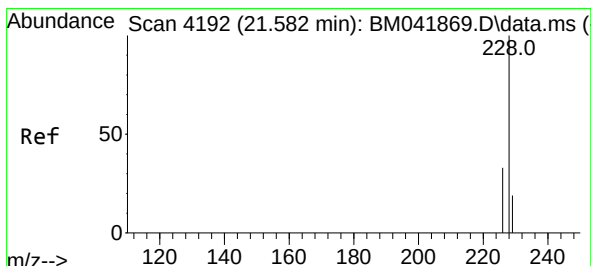
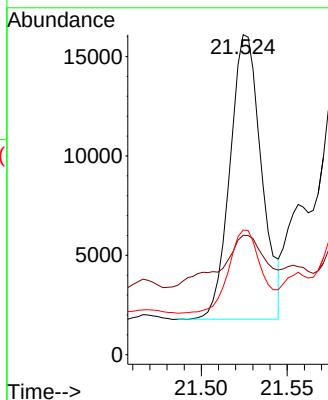
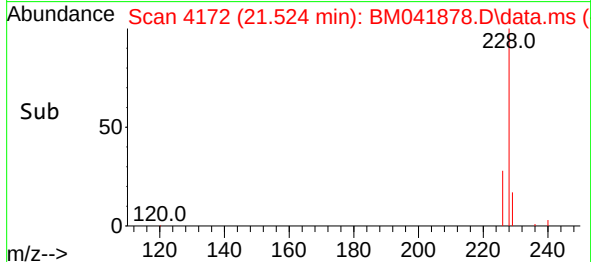
Instrument :
BNA_M
ClientSampleId :
EZYD4DL



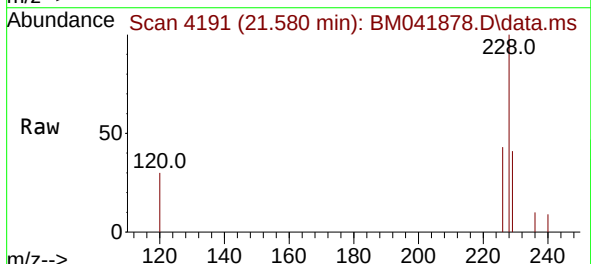
Tgt Ion:228 Resp: 18285
Ion Ratio Lower Upper
228 100
229 37.3 15.8 23.8#
226 39.0 24.3 36.5#

Manual Integrations
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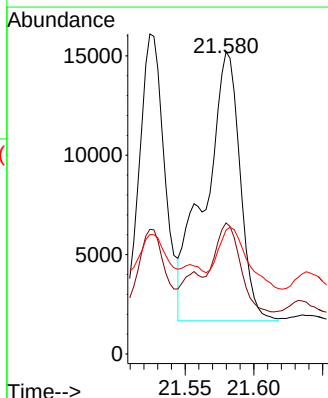
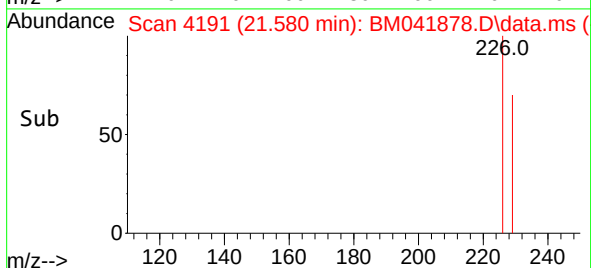
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

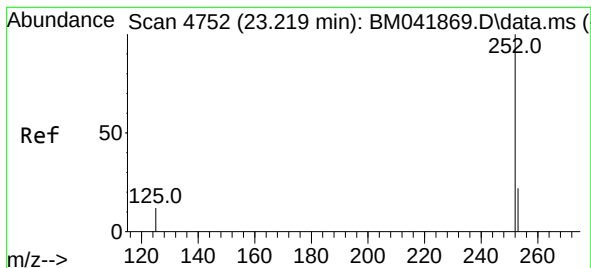


#22
Chrysene
Concen: 0.381 ng/ul m
RT: 21.580 min Scan# 4191
Delta R.T. 0.003 min
Lab File: BM041878.D
Acq: 14 Sep 2023 23:43



Tgt Ion:228 Resp: 23865
Ion Ratio Lower Upper
228 100
226 43.4 27.0 40.4#
229 41.0 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 0.370 ng/ul

RT: 23.220 min Scan# 4752

Delta R.T. 0.012 min

Lab File: BM041878.D

Acq: 14 Sep 2023 23:43

Instrument :

BNM

ClientSampleId :

EZYD4DL

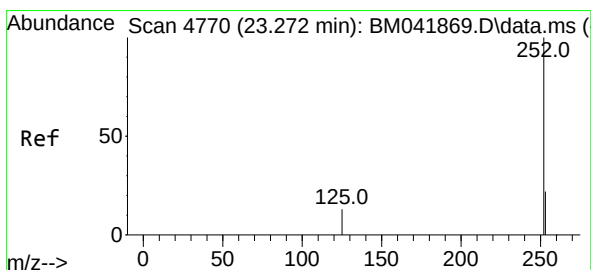
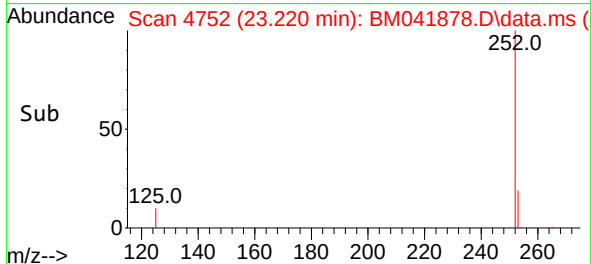
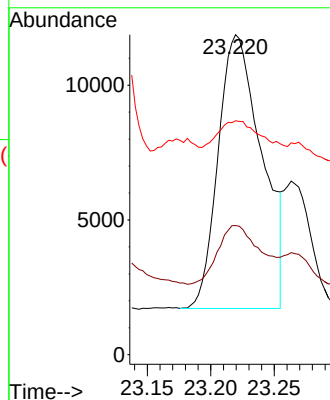
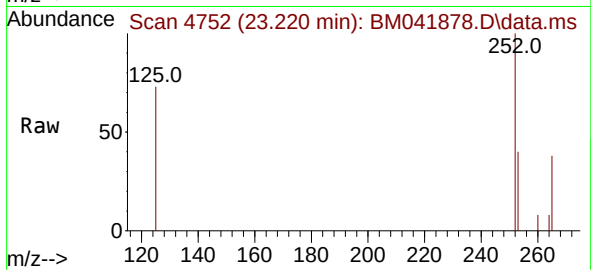
Tgt Ion:	252	Resp:	24224
Ion Ratio	Lower	Upper	
252	100		
253	40.4	0.0	51.0
125	73.1	0.0	39.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#25

Benzo(k)fluoranthene

Concen: 0.124 ng/ul m

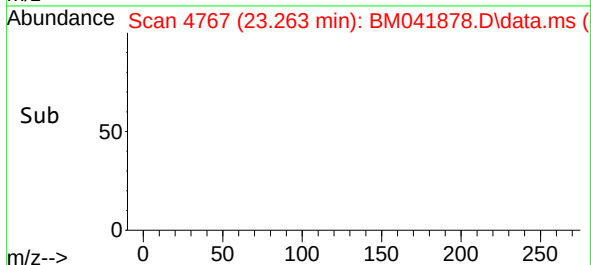
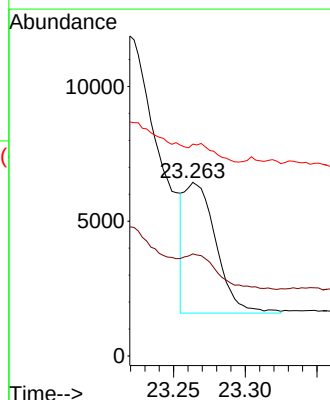
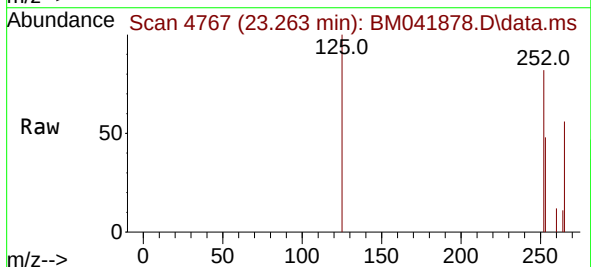
RT: 23.263 min Scan# 4767

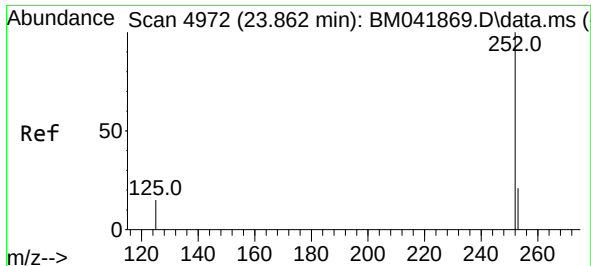
Delta R.T. 0.003 min

Lab File: BM041878.D

Acq: 14 Sep 2023 23:43

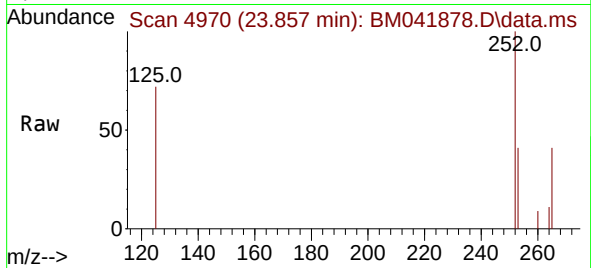
Tgt Ion:	252	Resp:	7464
Ion Ratio	Lower	Upper	
252	100		
253	58.8	20.2	30.2#
125	122.0	15.8	23.8#





#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.857 min Scan# 4972
Delta R.T. 0.012 min
Lab File: BM041878.D
Acq: 14 Sep 2023 23:43

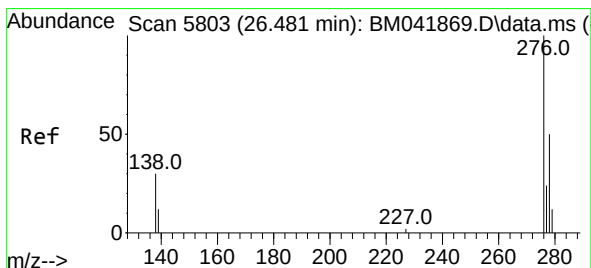
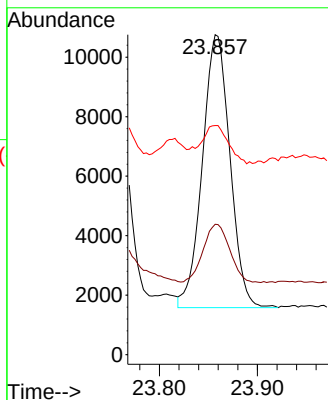
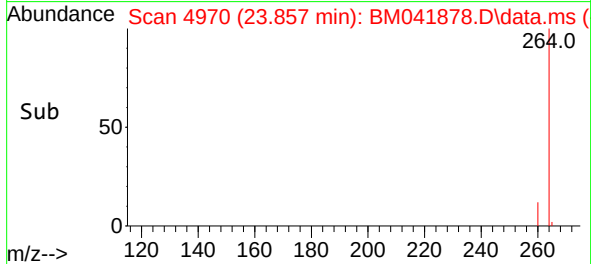
Instrument :
BNA_M
ClientSampleId :
EZYD4DL



Tgt Ion:252 Resp: 17915
Ion Ratio Lower Upper
252 100
253 40.8 21.8 32.8
125 71.6 18.8 28.2

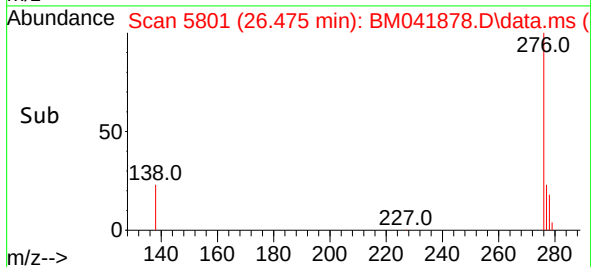
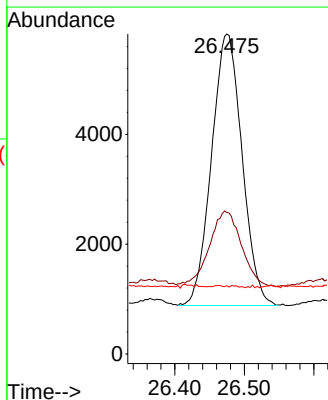
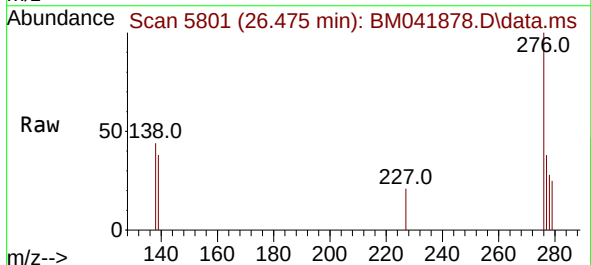
Manual Integrations
APPROVED

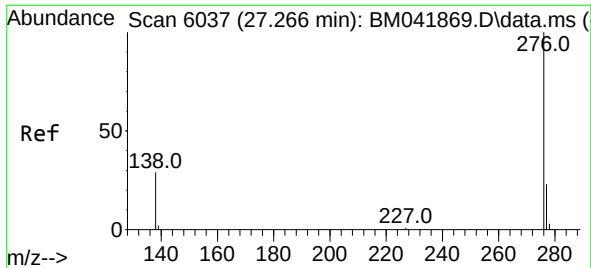
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng/ul
RT: 26.475 min Scan# 5801
Delta R.T. 0.020 min
Lab File: BM041878.D
Acq: 14 Sep 2023 23:43

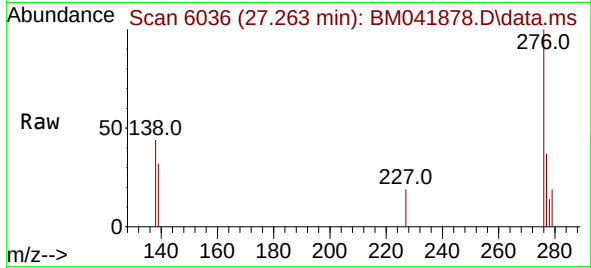
Tgt Ion:276 Resp: 15095
Ion Ratio Lower Upper
276 100
138 29.8 27.7 41.5
227 0.2 0.1 0.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.300 ng/ul
 RT: 27.263 min Scan# 6037
 Delta R.T. 0.027 min
 Lab File: BM041878.D
 Acq: 14 Sep 2023 23:43

Instrument :
 BNA_M
 ClientSampleId :
 EZYD4DL



Tgt Ion:276 Resp: 1944
 Ion Ratio Lower Upper
 276 100
 138 44.2 24.7 37.1
 277 37.0 19.3 28.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

