

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048178.D
 Acq On : 22 Oct 2024 05:41
 Operator : RC/JU
 Sample : P4380-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 22 06:17:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 23:11:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	5975	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.557	136	19085	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.400	164	10343	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.141	188	20345m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.315	240	15366m	0.400	ng/ul	-0.02
23) Perylene-d12	23.574	264	14477m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	27841	3.428	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	7511	0.282	ng/ul	-0.05
18) Fluoranthene-d10	19.169	212	16839	0.377	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.606	128	8361511	161.208	ng/ul	97
7) 2-Methylnaphthalene	12.218	142	231061	7.786	ng/ul	98
8) 1-Methylnaphthalene	12.438	142	145605	4.263	ng/ul	99
10) Acenaphthylene	14.118	152	50385	1.055	ng/ul	99
11) Acenaphthene	14.460	153	629193	18.427	ng/ul	98
12) Fluorene	15.450	166	249780	6.829	ng/ul	97
15) Phenanthrene	17.183	178	305512m	5.942	ng/ul	
16) Anthracene	17.272	178	81927m	1.684	ng/ul	
19) Fluoranthene	19.197	202	213741	3.544	ng/ul	97
20) Pyrene	19.560	202	131195	2.023	ng/ul	97
21) Benzo(a)anthracene	21.300	228	11460	0.242	ng/ul#	85
22) Chrysene	21.350	228	7282	0.101	ng/ul#	79
24) Benzo(b)fluoranthene	22.896	252	5932m	0.107	ng/ul	
25) Benzo(k)fluoranthene	22.937	252	2429m	0.036	ng/ul	
26) Benzo(a)pyrene	23.472	252	3574	0.077	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	25.876	276	2997	0.043	ng/ul#	98
29) Benzo(g,h,i)perylene	26.577	276	2945	0.051	ng/ul#	52

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

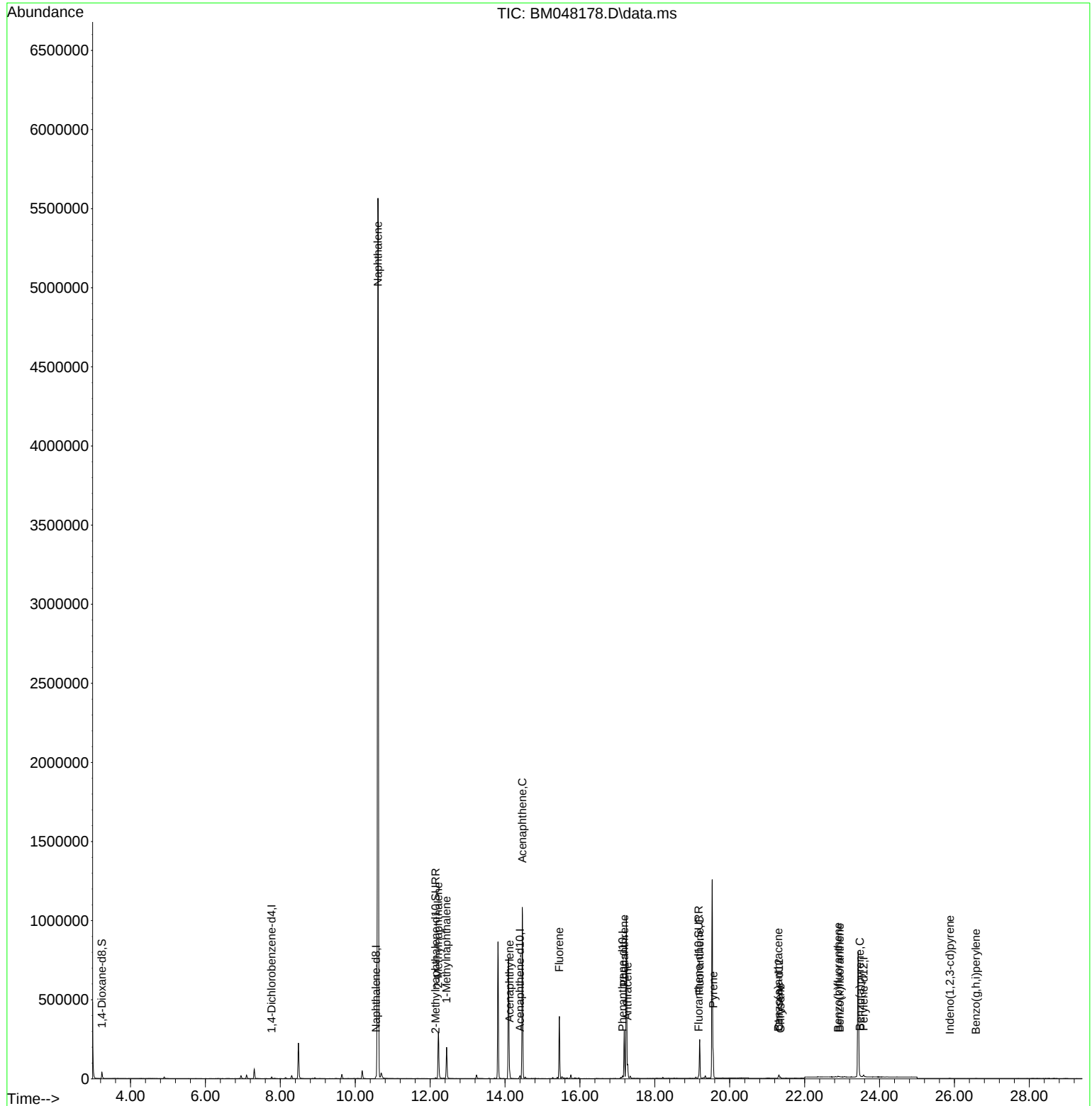
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048178.D
Acq On : 22 Oct 2024 05:41
Operator : RC/JU
Sample : P4380-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

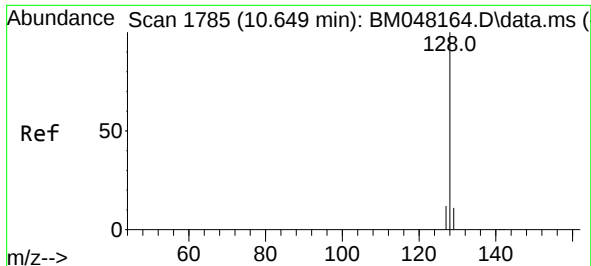
Instrument :
BNA_M
ClientSampleId :
E27H9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

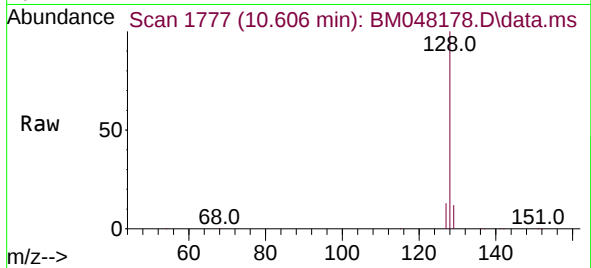
Quant Time: Oct 22 06:17:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 161.208 ng/ul
RT: 10.606 min Scan# 1777
Delta R.T. -0.032 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41

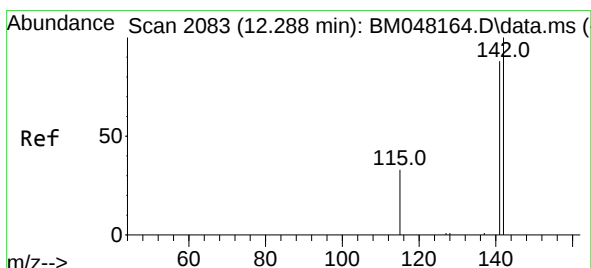
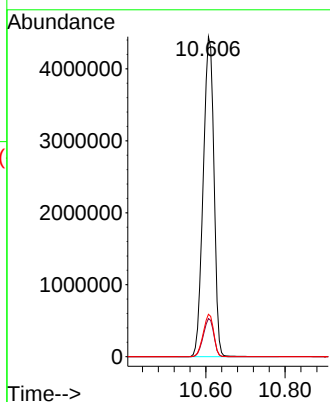
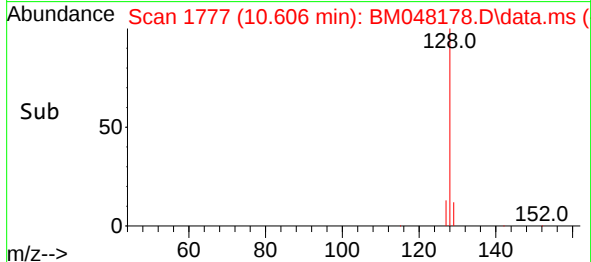
Instrument :
BNA_M
ClientSampleId :
E27H9



Tgt Ion:128 Resp: 836151
Ion Ratio Lower Upper
128 100
129 11.9 10.6 15.8
127 13.2 11.3 16.9

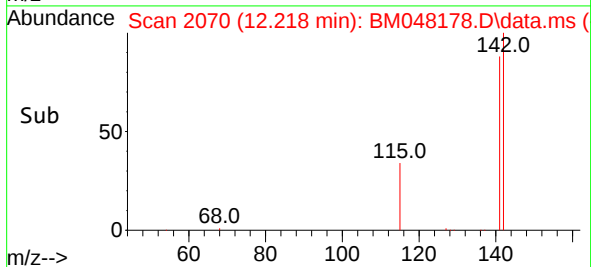
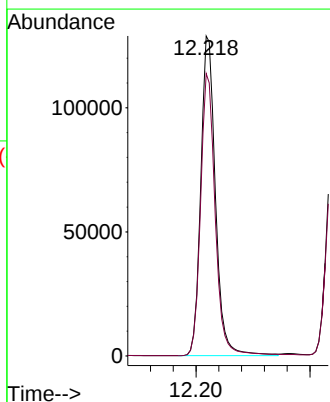
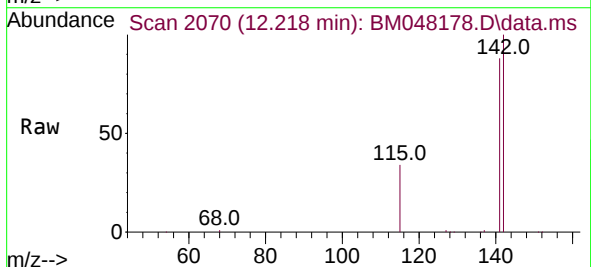
Manual Integrations
APPROVED

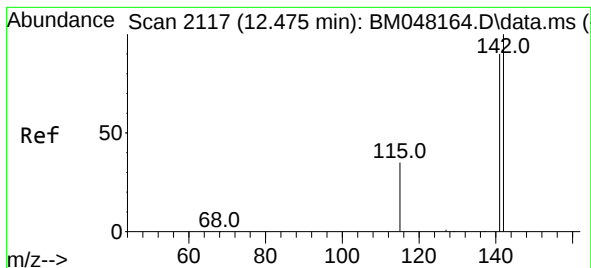
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#7
2-Methylnaphthalene
Concen: 7.786 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. -0.054 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41

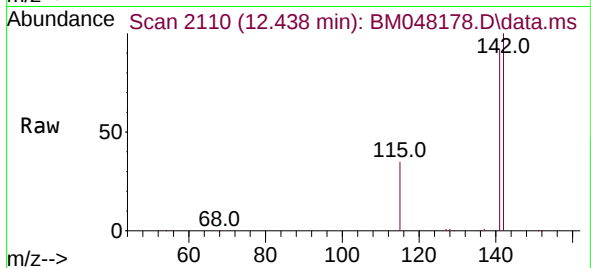
Tgt Ion:142 Resp: 231061
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 4.263 ng/ul
RT: 12.438 min Scan# 2117
Delta R.T. -0.032 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41

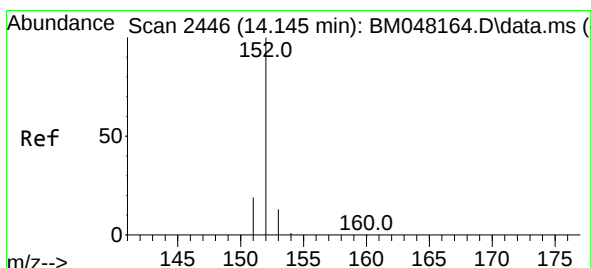
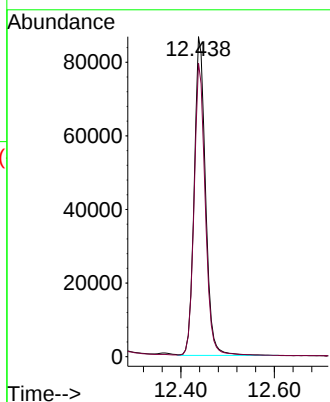
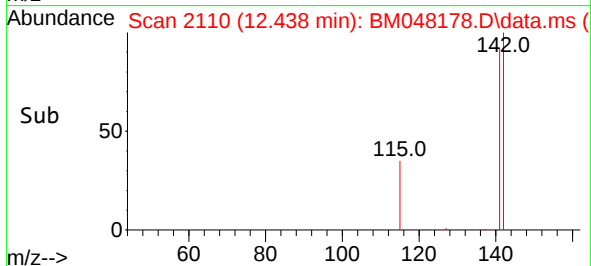
Instrument :
BNA_M
ClientSampleId :
E27H9



Tgt Ion:142 Resp: 145609
Ion Ratio Lower Upper
142 100
141 91.0 73.8 110.6

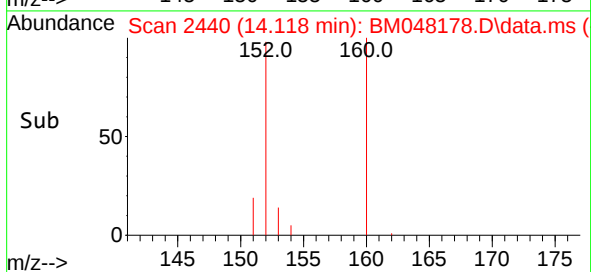
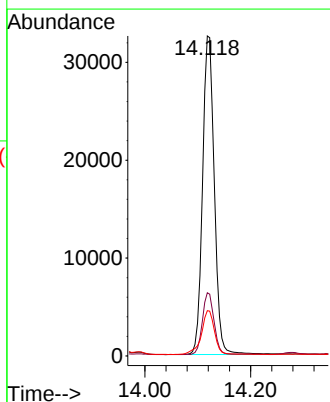
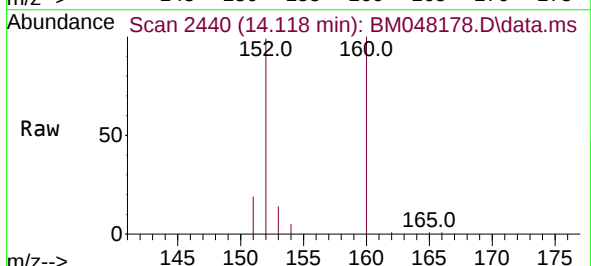
Manual Integrations
APPROVED

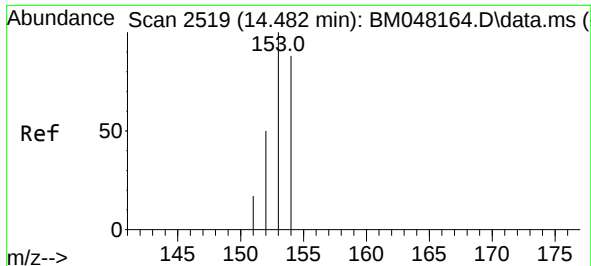
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 1.055 ng/ul
RT: 14.118 min Scan# 2440
Delta R.T. -0.027 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41

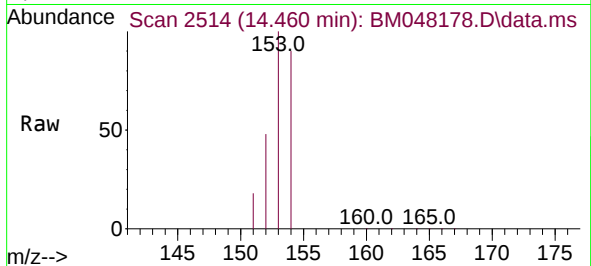
Tgt Ion:152 Resp: 50385
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 14.2 11.7 17.5





#11
Acenaphthene
Concen: 18.427 ng/ul
RT: 14.460 min Scan# 2514
Delta R.T. -0.022 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41

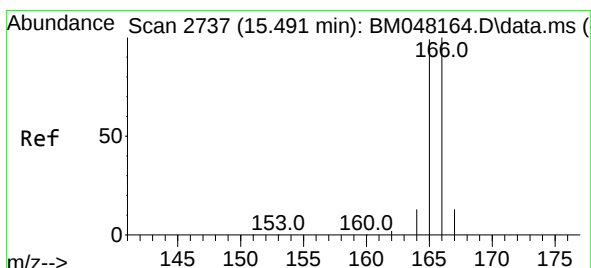
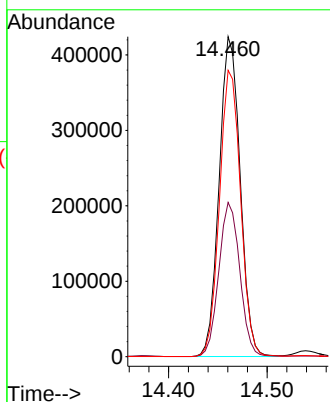
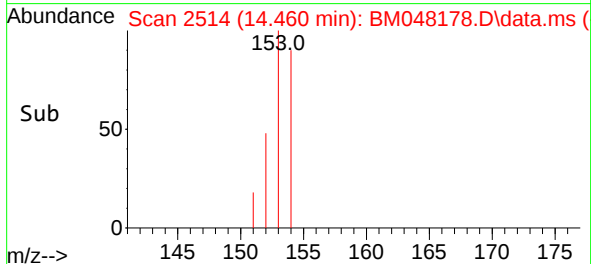
Instrument :
BNA_M
ClientSampleId :
E27H9



Tgt Ion:153 Resp: 62919
Ion Ratio Lower Upper
153 100
152 48.2 40.9 61.3
154 89.5 71.0 106.4

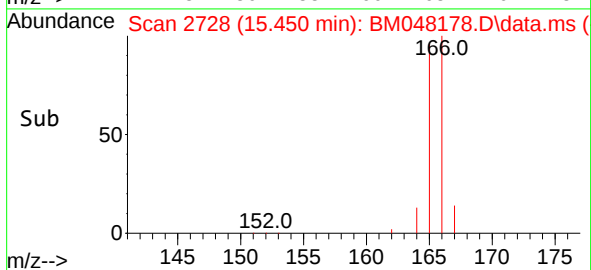
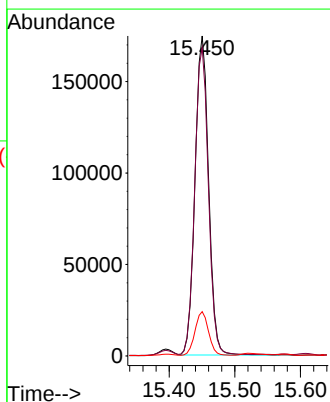
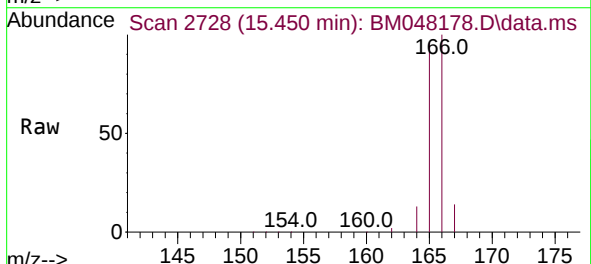
Manual Integrations
APPROVED

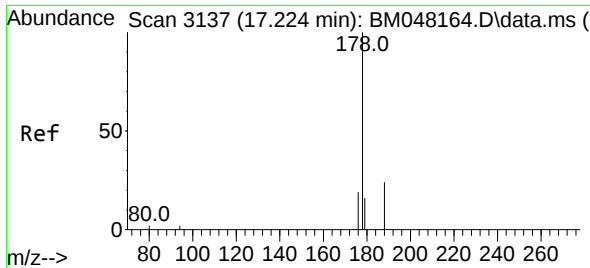
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#12
Fluorene
Concen: 6.829 ng/ul
RT: 15.450 min Scan# 2728
Delta R.T. -0.031 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41

Tgt Ion:166 Resp: 249780
Ion Ratio Lower Upper
166 100
165 96.3 79.1 118.7
167 13.8 12.0 18.0





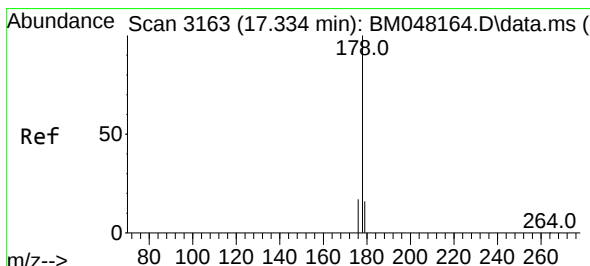
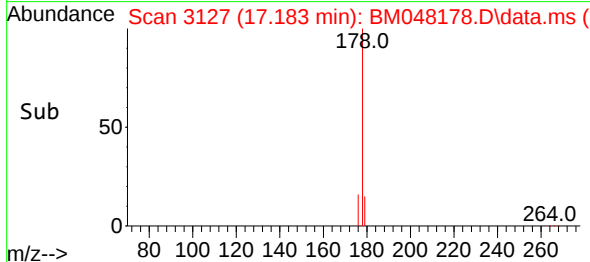
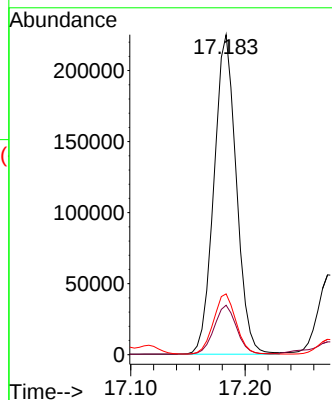
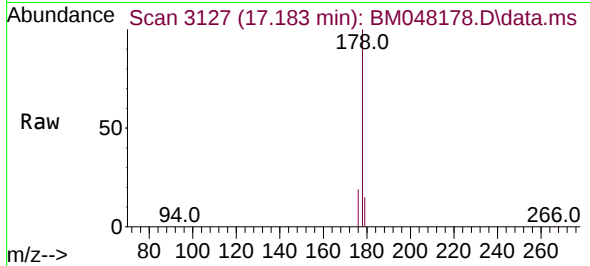
#15
Phenanthrene
Concen: 5.942 ng/ul m
RT: 17.183 min Scan# 3137
Delta R.T. -0.033 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41

Instrument :
BNA_M
ClientSampleId :
E27H9

Tgt Ion:178 Resp: 305512
Ion Ratio Lower Upper
178 100
179 15.5 13.2 19.8
176 19.0 16.0 24.0

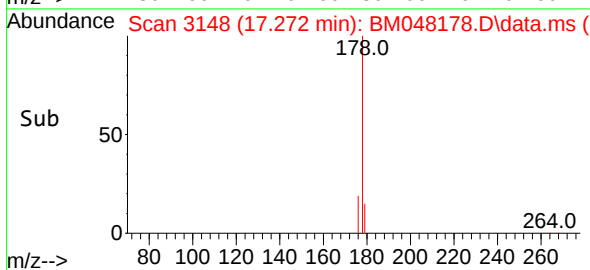
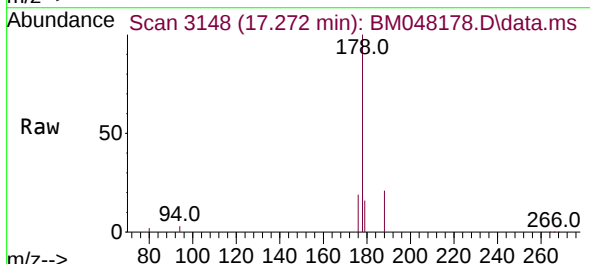
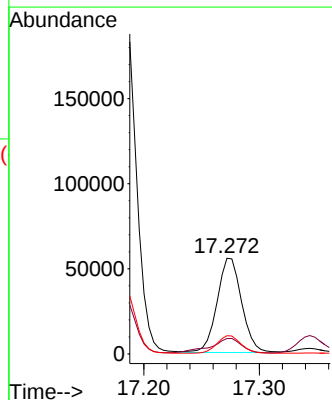
Manual Integrations
APPROVED

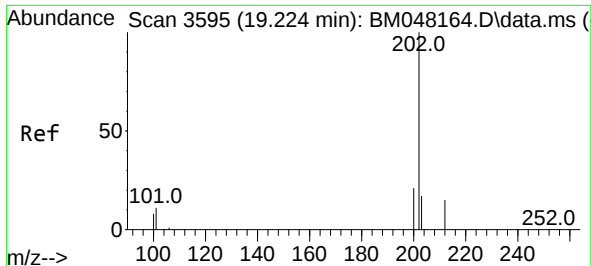
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#16
Anthracene
Concen: 1.684 ng/ul m
RT: 17.272 min Scan# 3148
Delta R.T. -0.050 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41

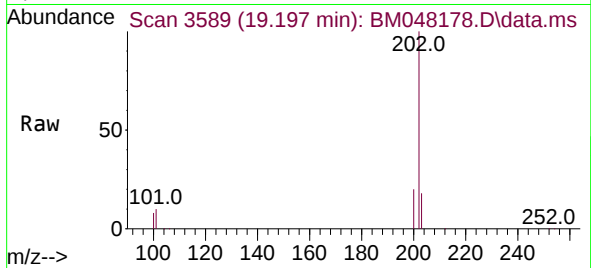
Tgt Ion:178 Resp: 81927
Ion Ratio Lower Upper
178 100
179 16.1 14.5 21.7
176 19.1 16.0 24.0





#19
Fluoranthene
Concen: 3.544 ng/u1
RT: 19.197 min Scan# 3589
Delta R.T. -0.022 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41

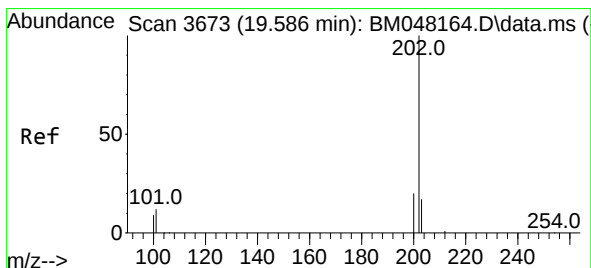
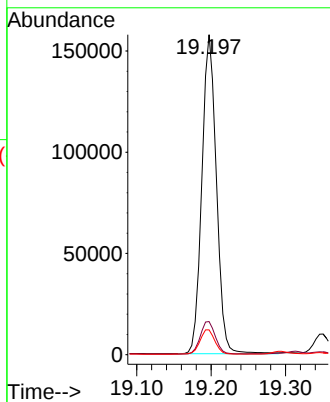
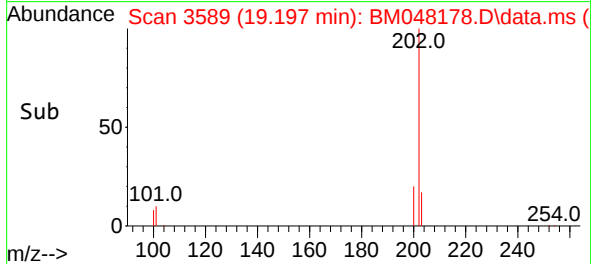
Instrument :
BNA_M
ClientSampleId :
E27H9



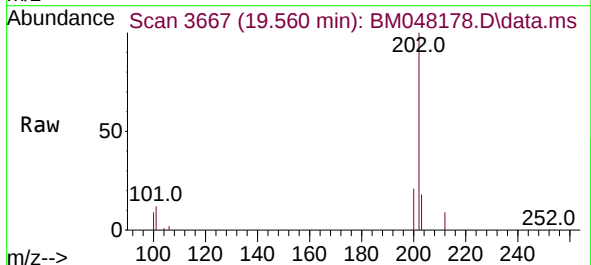
Tgt Ion:202 Resp: 21374
Ion Ratio Lower Upper
202 100
101 10.4 9.3 13.9
100 7.8 7.1 10.7

Manual Integrations
APPROVED

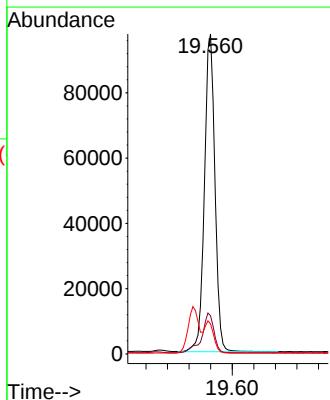
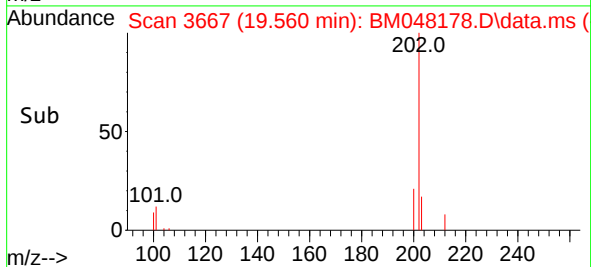
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

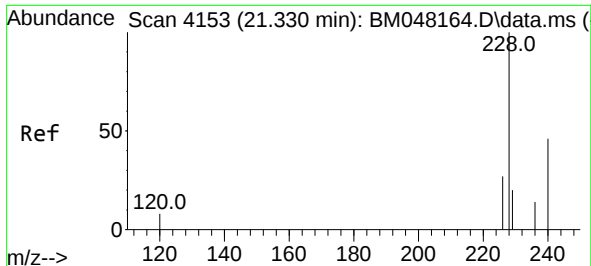


#20
Pyrene
Concen: 2.023 ng/u1
RT: 19.560 min Scan# 3667
Delta R.T. -0.022 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41



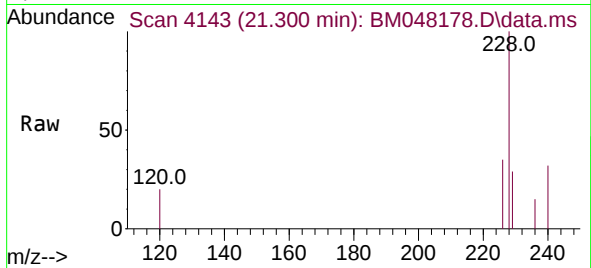
Tgt Ion:202 Resp: 131195
Ion Ratio Lower Upper
202 100
101 11.9 10.6 16.0
100 9.4 8.1 12.1





#21
Benzo(a)anthracene
Concen: 0.242 ng/ul
RT: 21.300 min Scan# 4153
Delta R.T. -0.021 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41

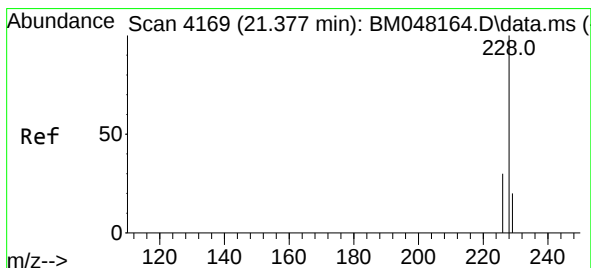
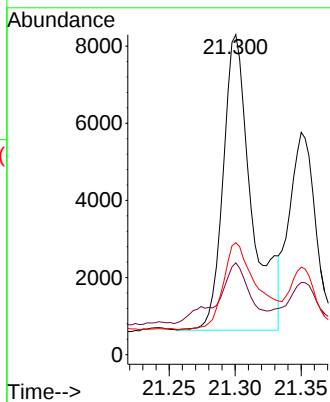
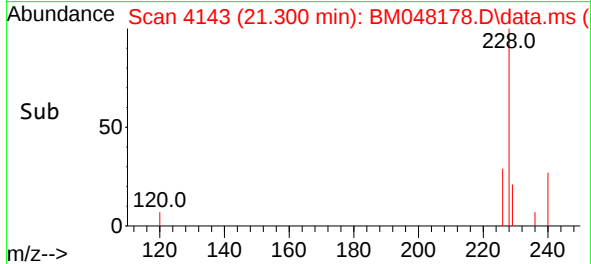
Instrument :
BNA_M
ClientSampleId :
E27H9



Tgt Ion:228 Resp: 11460
Ion Ratio Lower Upper
228 100
229 28.7 16.4 24.6
226 35.0 22.5 33.7

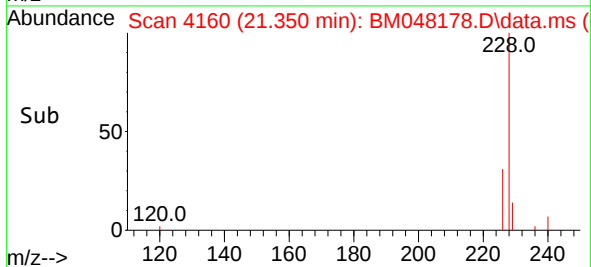
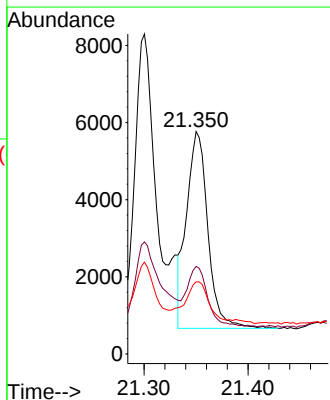
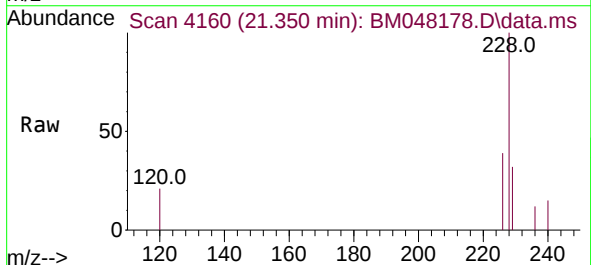
Manual Integrations
APPROVED

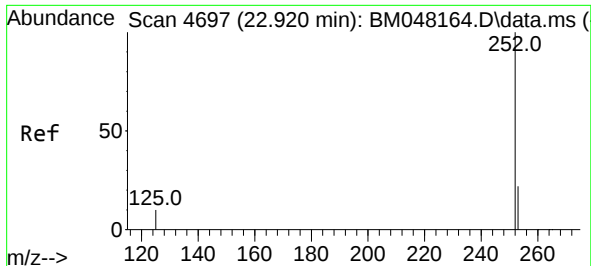
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#22
Chrysene
Concen: 0.101 ng/ul
RT: 21.350 min Scan# 4160
Delta R.T. -0.021 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41

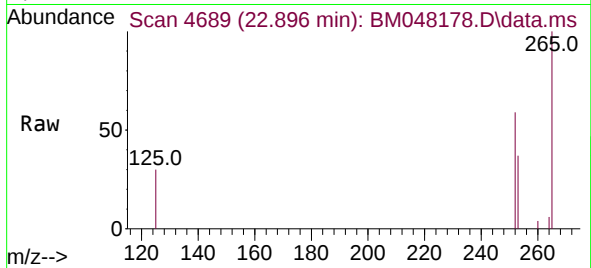
Tgt Ion:228 Resp: 7282
Ion Ratio Lower Upper
228 100
226 39.4 24.0 36.0#
229 32.4 16.1 24.1#





#24
Benzo(b)fluoranthene
Concen: 0.107 ng/ul m
RT: 22.896 min Scan# 4
Delta R.T. -0.021 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41

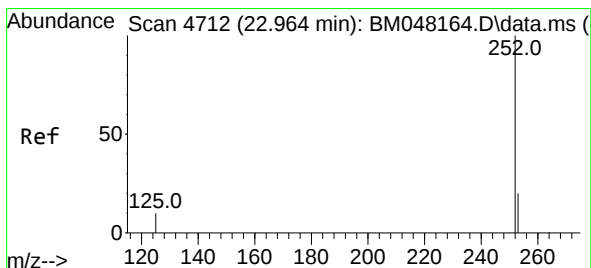
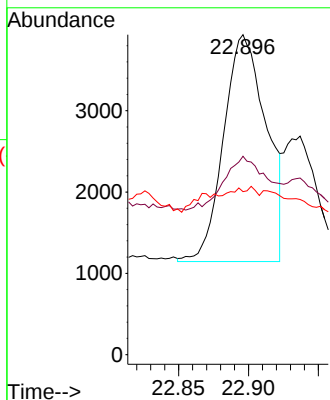
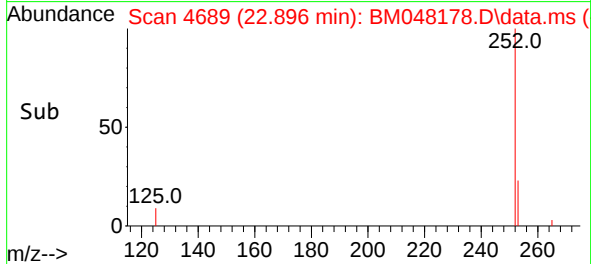
Instrument :
BNA_M
ClientSampleId :
E27H9



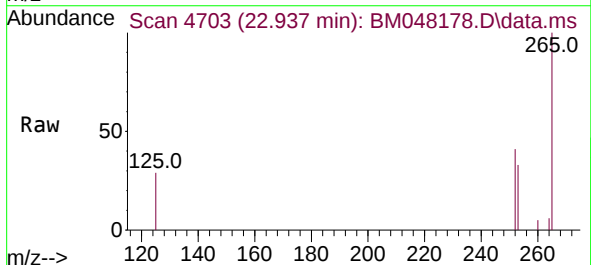
Tgt Ion:252 Resp: 593
Ion Ratio Lower Upper
252 100
253 62.0 0.0 61.6
125 50.9 0.0 42.8

Manual Integrations
APPROVED

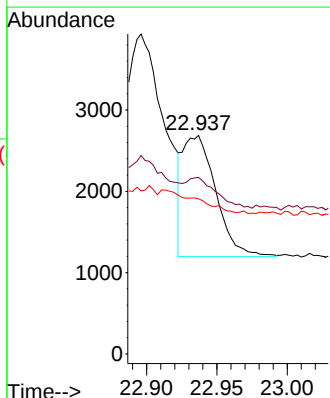
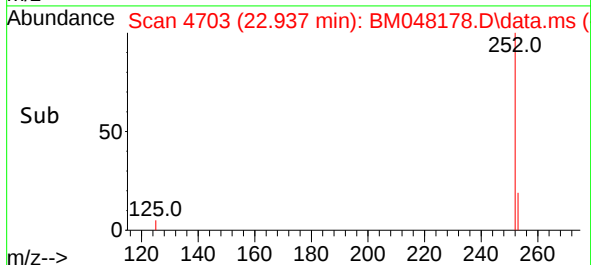
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

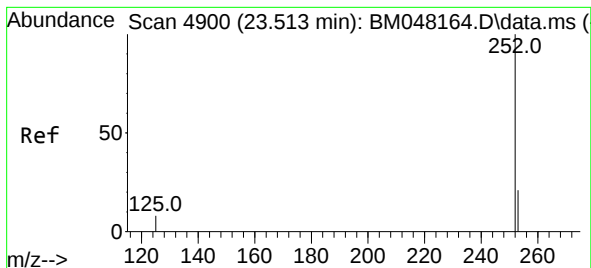


#25
Benzo(k)fluoranthene
Concen: 0.036 ng/ul m
RT: 22.937 min Scan# 4703
Delta R.T. -0.024 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41



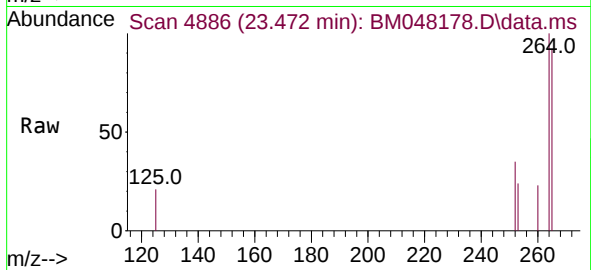
Tgt Ion:252 Resp: 2429
Ion Ratio Lower Upper
252 100
253 80.8 24.4 36.6#
125 71.0 16.8 25.2#





#26
Benzo(a)pyrene
Concen: 0.077 ng/ul
RT: 23.472 min Scan# 4886
Delta R.T. -0.033 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41

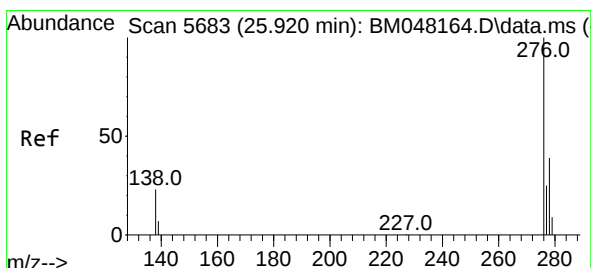
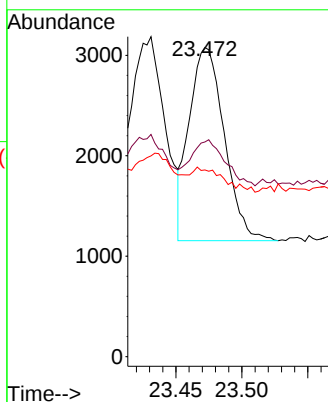
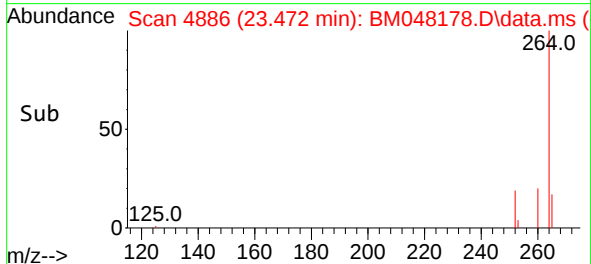
Instrument :
BNA_M
ClientSampleId :
E27H9



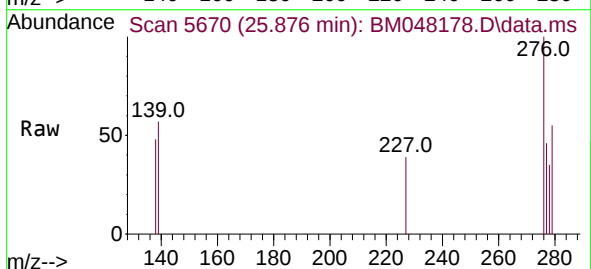
Tgt Ion:252 Resp: 3574
Ion Ratio Lower Upper
252 100
253 69.4 29.0 43.4
125 60.4 24.4 36.6

Manual Integrations
APPROVED

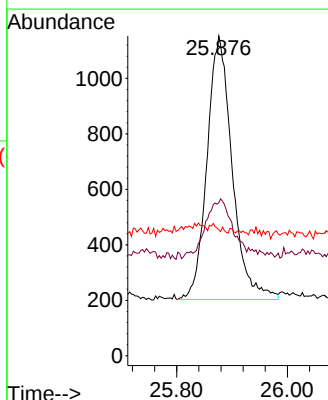
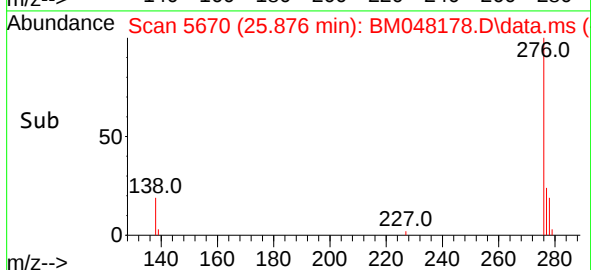
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

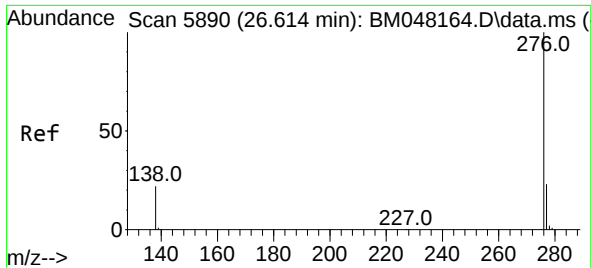


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng/ul
RT: 25.876 min Scan# 5670
Delta R.T. -0.038 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41



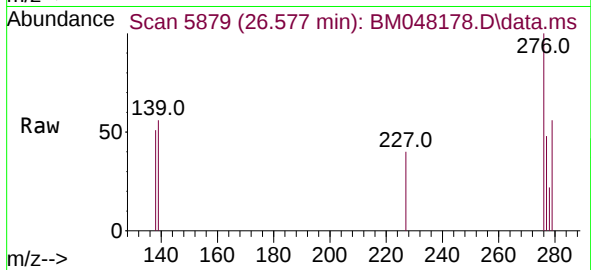
Tgt Ion:276 Resp: 2997
Ion Ratio Lower Upper
276 100
138 26.0 20.2 30.2
227 1.4 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 0.051 ng/ul
RT: 26.577 min Scan# 5879
Delta R.T. -0.031 min
Lab File: BM048178.D
Acq: 22 Oct 2024 05:41

Instrument :
BNA_M
ClientSampleId :
E27H9



Tgt Ion: 276 Resp: 2945
Ion Ratio Lower Upper
276 100
138 50.8 20.3 30.5
277 48.2 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

