

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048188.D
 Acq On : 22 Oct 2024 12:20
 Operator : RC/JU
 Sample : P4380-12DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27G9DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 12:59:41 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 : Tue Oct 22 10:58:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	6187	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.552	136	20169	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.400	164	12150	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.141	188	24399	0.400	ng/ul	-0.03
17) Chrysene-d12	21.312	240	19996	0.400	ng/ul	-0.02
23) Perylene-d12	23.572	264	18899m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	8377	0.996	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	2330	0.083	ng/ul	-0.05
18) Fluoranthene-d10	19.165	212	5370	0.092	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.601	128	4828266	88.085	ng/ul	96
7) 2-Methylnaphthalene	12.218	142	125139	3.990	ng/ul	98
8) 1-Methylnaphthalene	12.438	142	85812	2.378	ng/ul	98
10) Acenaphthylene	14.118	152	226057	4.028	ng/ul	97
11) Acenaphthene	14.460	153	45577	1.136	ng/ul	98
12) Fluorene	15.446	166	70878	1.650	ng/ul	99
14) Pentachlorophenol	16.804	266	1209	0.148	ng/ul	97
15) Phenanthrene	17.179	178	119485	1.938	ng/ul	98
16) Anthracene	17.272	178	11260m	0.193	ng/ul	
19) Fluoranthene	19.197	202	21176	0.270	ng/ul	99
20) Pyrene	19.555	202	13165	0.156	ng/ul	95
21) Benzo(a)anthracene	21.298	228	1703	0.028	ng/ul#	38
24) Benzo(b)fluoranthene	22.893	252	1612	0.022	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.883	276	4836	0.054	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.893	278	2670	0.039	ng/ul#	24
29) Benzo(g,h,i)perylene	26.577	276	13379	0.177	ng/ul	95

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

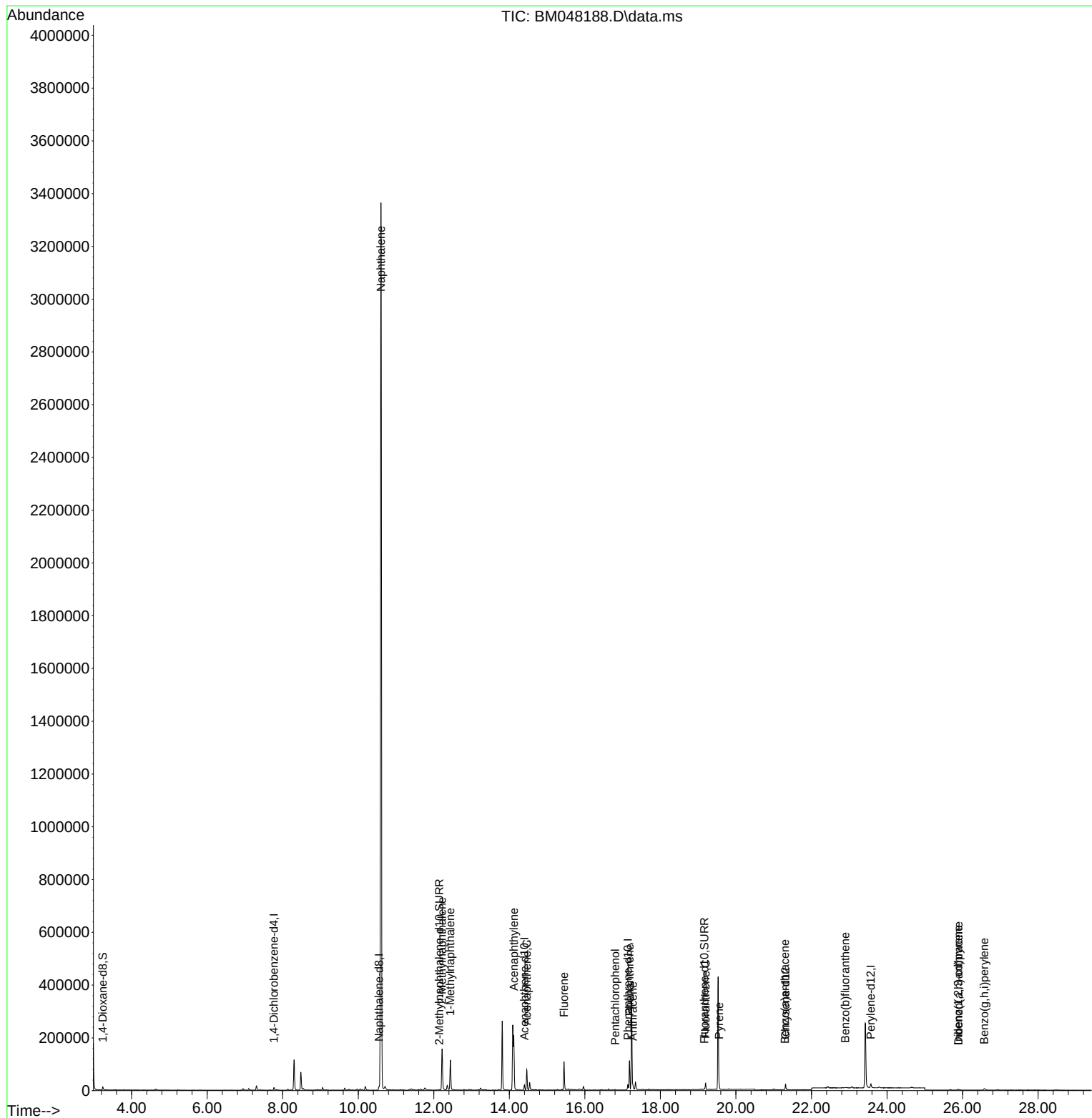
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048188.D
Acq On : 22 Oct 2024 12:20
Operator : RC/JU
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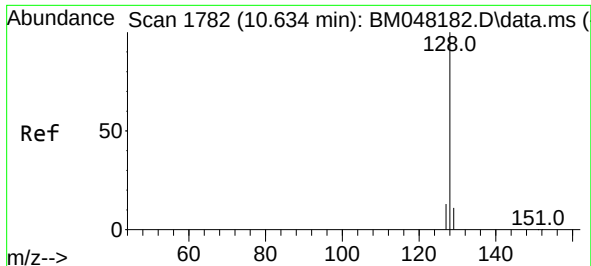
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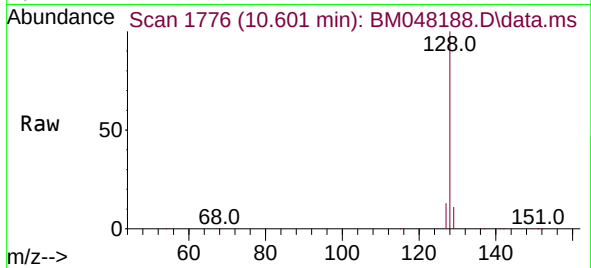
Quant Time: Oct 22 12:59:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
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#5
Naphthalene
Concen: 88.085 ng/ul
RT: 10.601 min Scan# 1776
Delta R.T. -0.033 min
Lab File: BM048188.D
Acq: 22 Oct 2024 12:20

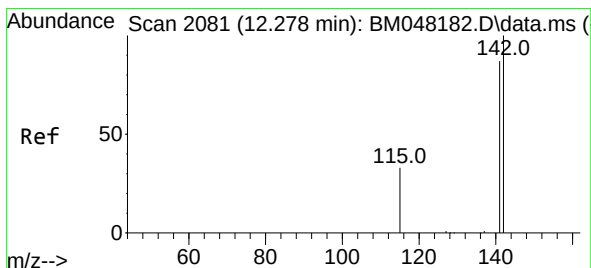
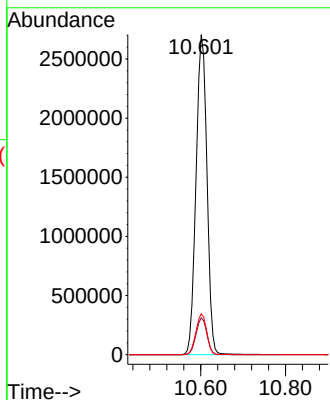
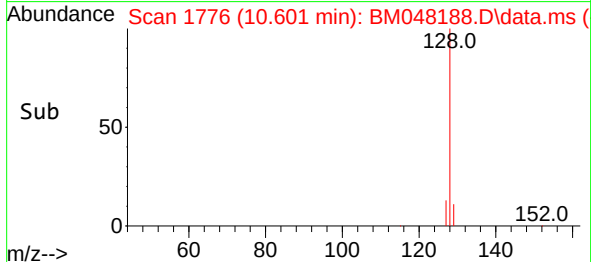
Instrument :
BNA_M
ClientSampleId :
E27G9DL



Tgt Ion:128 Resp: 482826
Ion Ratio Lower Upper
128 100
129 11.5 10.6 15.8
127 12.8 11.3 16.9

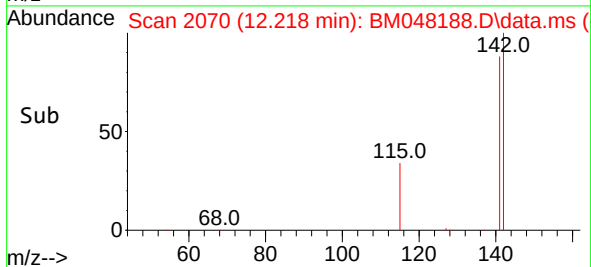
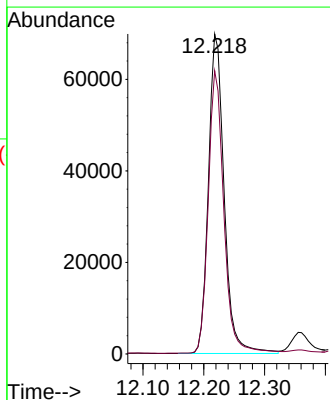
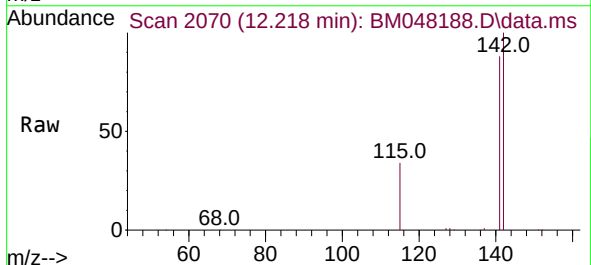
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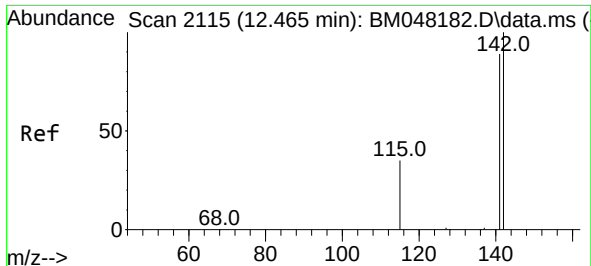
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#7
2-Methylnaphthalene
Concen: 3.990 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. -0.060 min
Lab File: BM048188.D
Acq: 22 Oct 2024 12:20

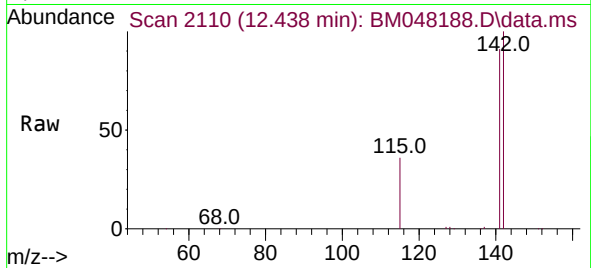
Tgt Ion:142 Resp: 125139
Ion Ratio Lower Upper
142 100
141 87.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 2.378 ng/ul
RT: 12.438 min Scan# 2115
Delta R.T. -0.027 min
Lab File: BM048188.D
Acq: 22 Oct 2024 12:20

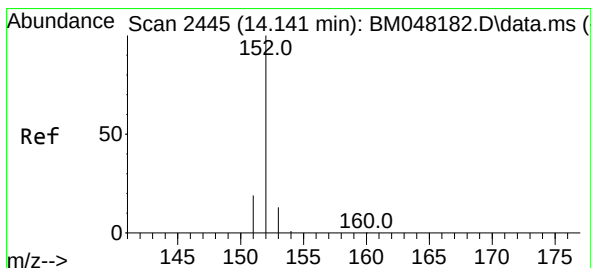
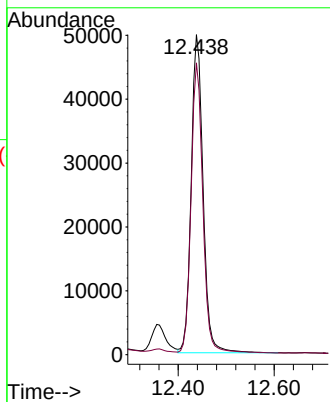
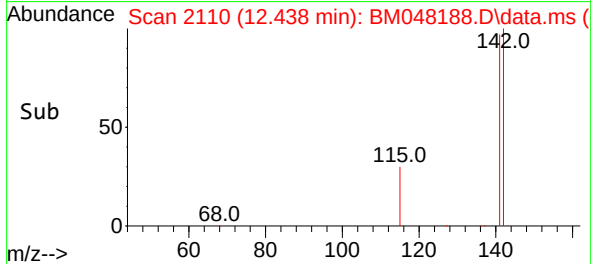
Instrument :
BNA_M
ClientSampleId :
E27G9DL



Tgt Ion:142 Resp: 85812
Ion Ratio Lower Upper
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141 90.0 73.8 110.6

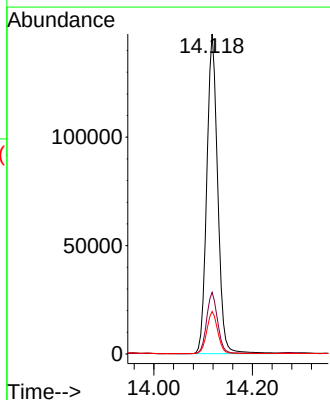
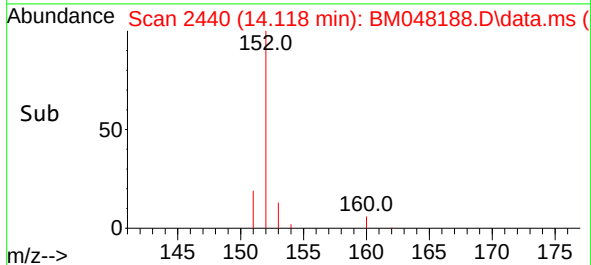
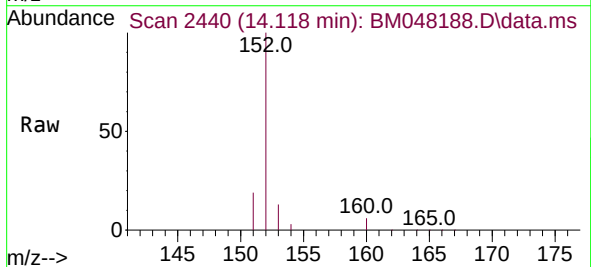
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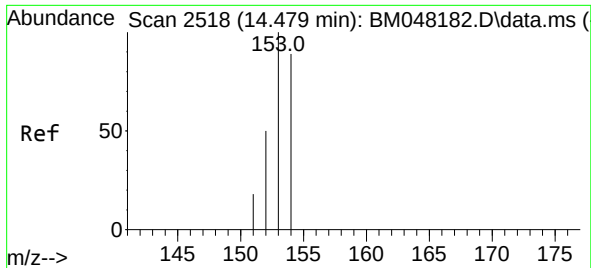
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 4.028 ng/ul
RT: 14.118 min Scan# 2440
Delta R.T. -0.023 min
Lab File: BM048188.D
Acq: 22 Oct 2024 12:20

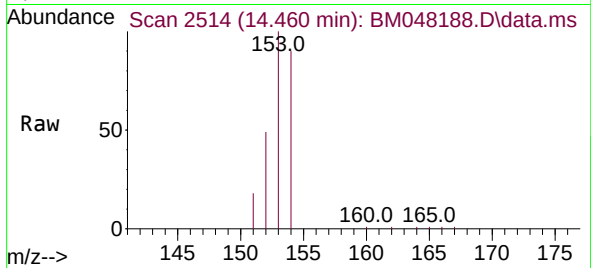
Tgt Ion:152 Resp: 226057
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.4
153 13.3 11.7 17.5





#11
Acenaphthene
Concen: 1.136 ng/ul
RT: 14.460 min Scan# 214
Delta R.T. -0.018 min
Lab File: BM048188.D
Acq: 22 Oct 2024 12:20

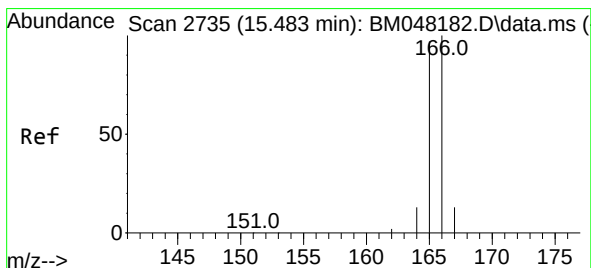
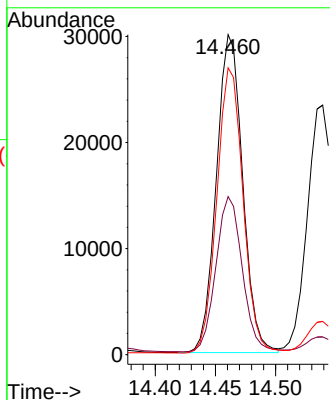
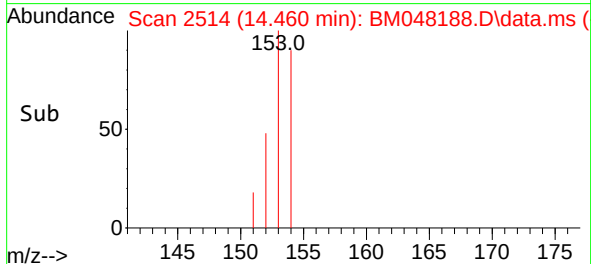
Instrument :
BNA_M
ClientSampleId :
E27G9DL



Tgt Ion:153 Resp: 4557
Ion Ratio Lower Upper
153 100
152 49.4 40.9 61.3
154 89.7 71.0 106.4

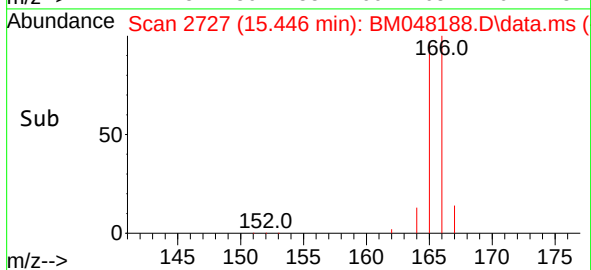
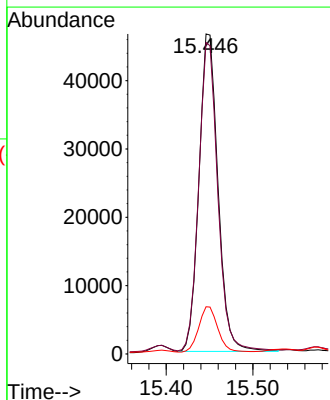
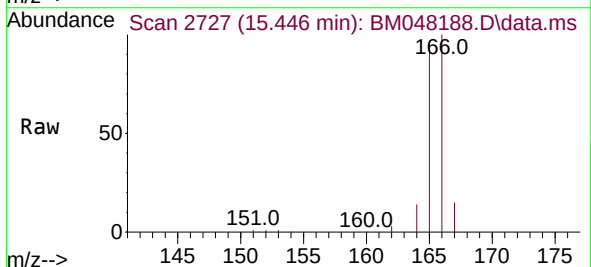
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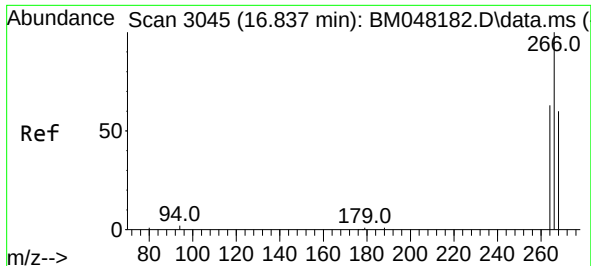
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Supervised By :mohammad ahmed 10/23/2024



#12
Fluorene
Concen: 1.650 ng/ul
RT: 15.446 min Scan# 2727
Delta R.T. -0.037 min
Lab File: BM048188.D
Acq: 22 Oct 2024 12:20

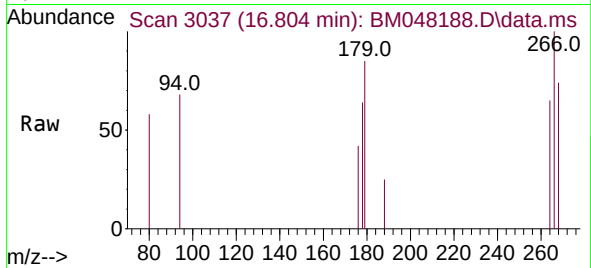
Tgt Ion:166 Resp: 70878
Ion Ratio Lower Upper
166 100
165 97.3 79.1 118.7
167 14.8 12.0 18.0





#14
Pentachlorophenol
Concen: 0.148 ng/ul
RT: 16.804 min Scan# 3045
Delta R.T. -0.034 min
Lab File: BM048188.D
Acq: 22 Oct 2024 12:20

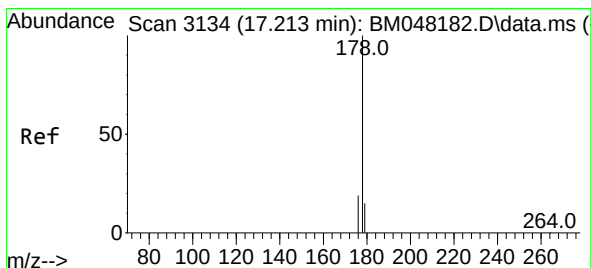
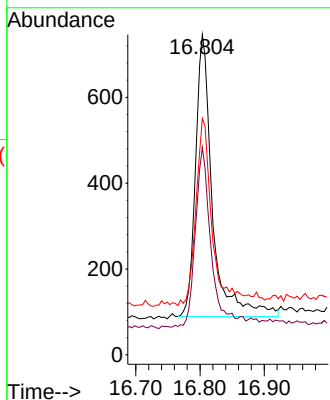
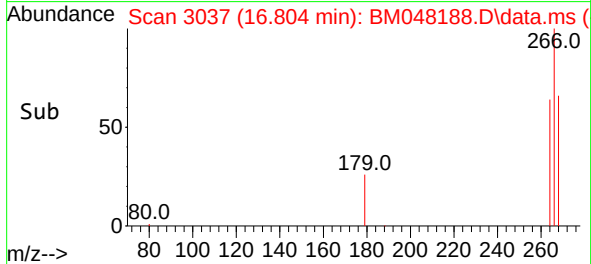
Instrument :
BNA_M
ClientSampleId :
E27G9DL



Tgt Ion:266 Resp: 1209
Ion Ratio Lower Upper
266 100
264 65.8 50.2 75.2
268 66.7 51.8 77.6

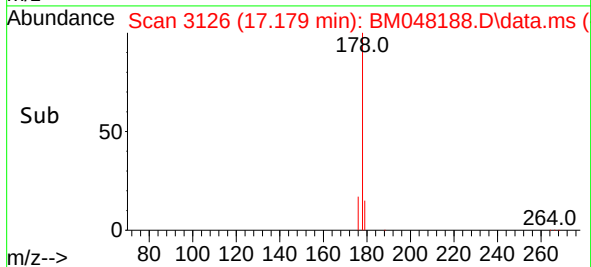
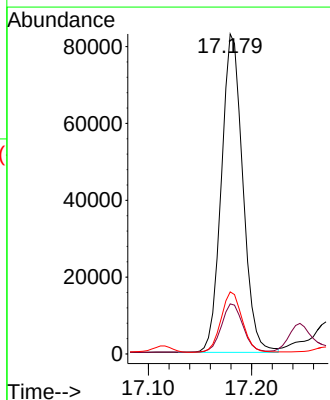
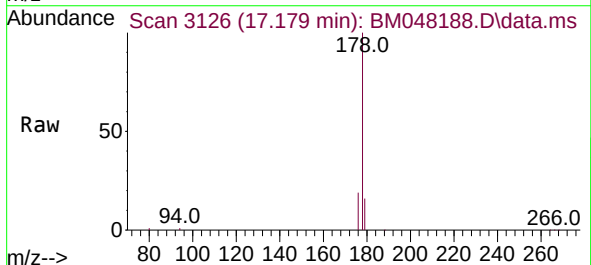
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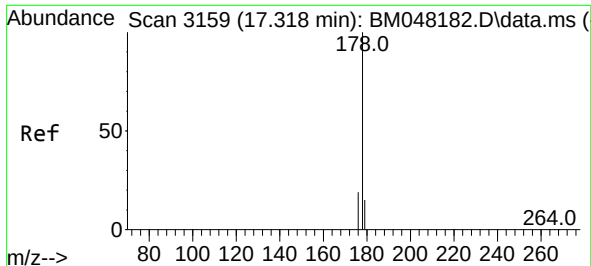
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#15
Phenanthrene
Concen: 1.938 ng/ul
RT: 17.179 min Scan# 3126
Delta R.T. -0.034 min
Lab File: BM048188.D
Acq: 22 Oct 2024 12:20

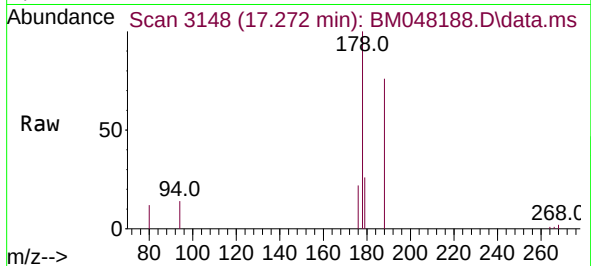
Tgt Ion:178 Resp: 119485
Ion Ratio Lower Upper
178 100
179 15.6 13.2 19.8
176 19.4 16.0 24.0





#16
 Anthracene
 Concen: 0.193 ng/ul m
 RT: 17.272 min Scan# 3159
 Delta R.T. -0.046 min
 Lab File: BM048188.D
 Acq: 22 Oct 2024 12:20

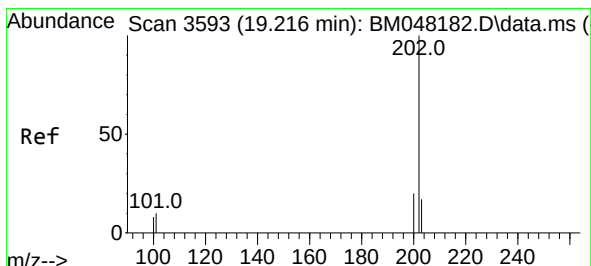
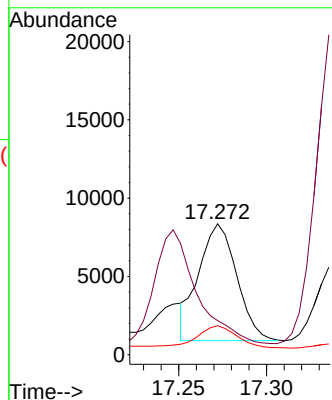
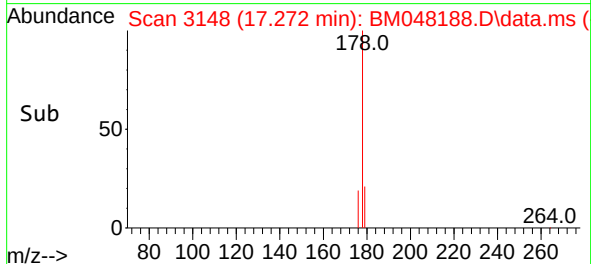
Instrument :
 BNA_M
 ClientSampleId :
 E27G9DL



Tgt Ion:178 Resp: 11260
 Ion Ratio Lower Upper
 178 100
 179 26.1 14.5 21.7
 176 22.1 16.0 24.0

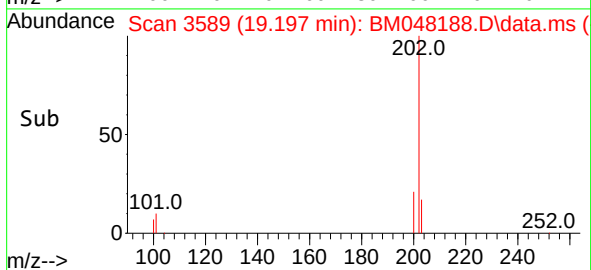
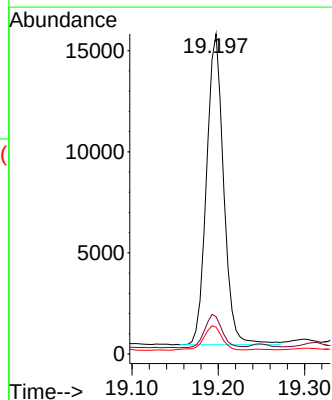
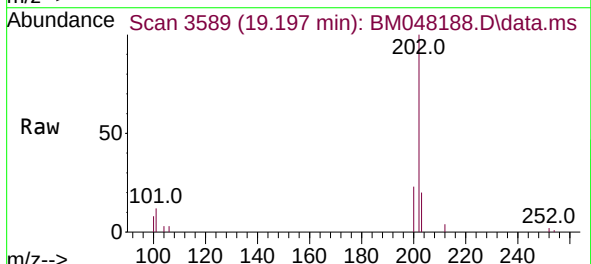
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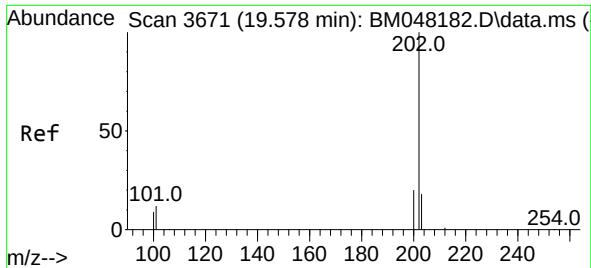
Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/23/2024



#19
 Fluoranthene
 Concen: 0.270 ng/ul
 RT: 19.197 min Scan# 3589
 Delta R.T. -0.018 min
 Lab File: BM048188.D
 Acq: 22 Oct 2024 12:20

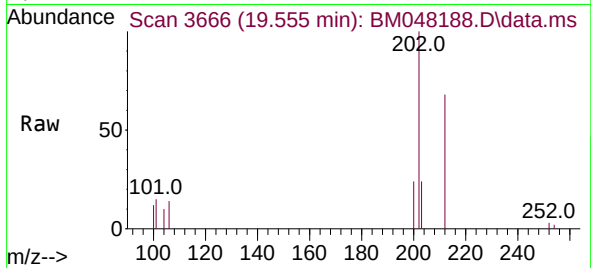
Tgt Ion:202 Resp: 21176
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.3 13.9
 100 8.4 7.1 10.7





#20
Pyrene
Concen: 0.156 ng/ul
RT: 19.555 min Scan# 3666
Delta R.T. -0.023 min
Lab File: BM048188.D
Acq: 22 Oct 2024 12:20

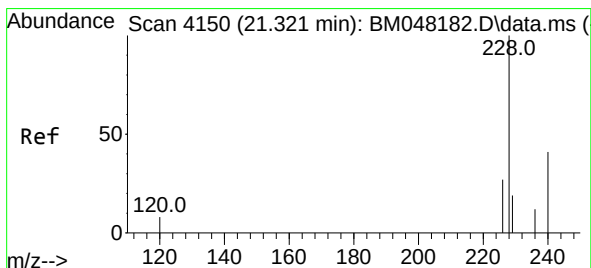
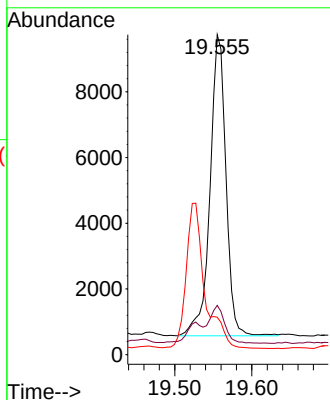
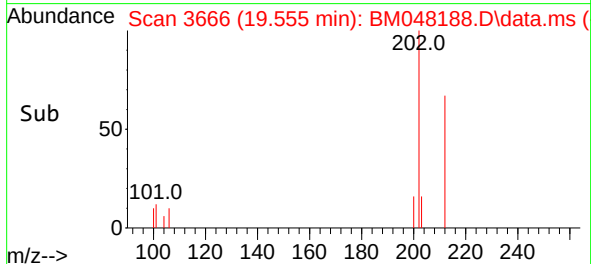
Instrument :
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E27G9DL



Tgt Ion:202 Resp: 1316
Ion Ratio Lower Upper
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101 15.4 10.6 16.0
100 11.7 8.1 12.1

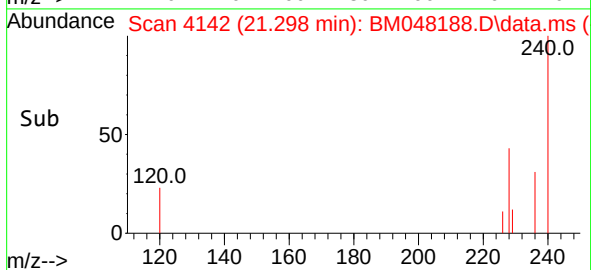
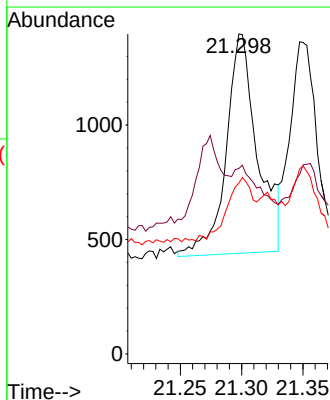
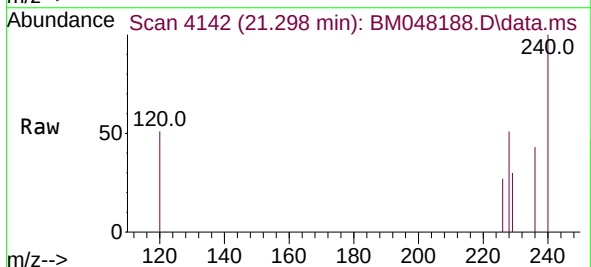
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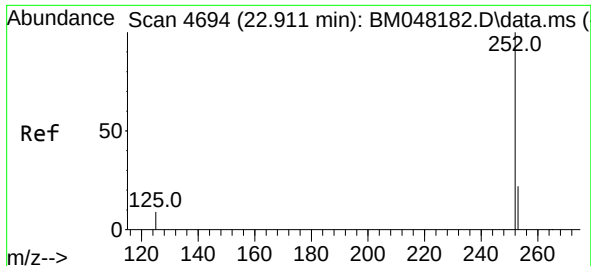
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#21
Benzo(a)anthracene
Concen: 0.028 ng/ul
RT: 21.298 min Scan# 4142
Delta R.T. -0.023 min
Lab File: BM048188.D
Acq: 22 Oct 2024 12:20

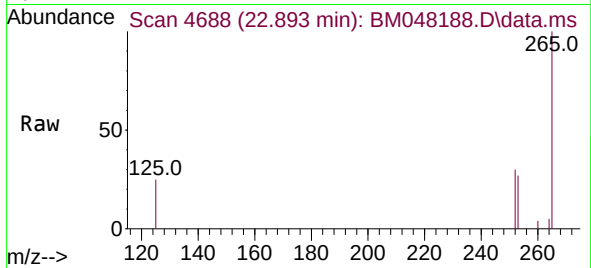
Tgt Ion:228 Resp: 1703
Ion Ratio Lower Upper
228 100
229 57.9 16.4 24.6#
226 53.4 22.5 33.7#





#24
Benzo(b)fluoranthene
Concen: 0.022 ng/ul
RT: 22.893 min Scan# 4688
Delta R.T. -0.017 min
Lab File: BM048188.D
Acq: 22 Oct 2024 12:20

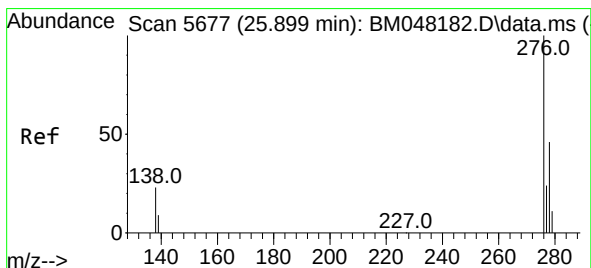
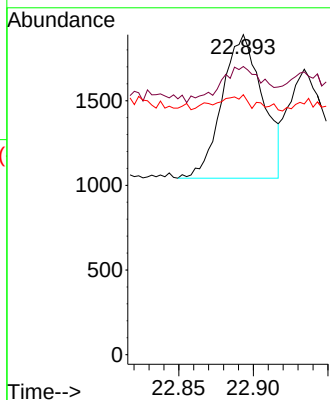
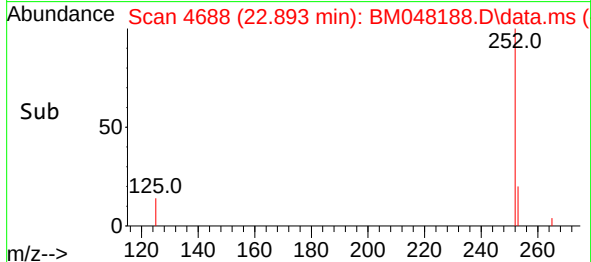
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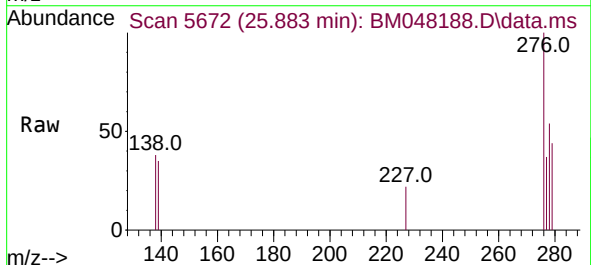
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Ion Ratio Lower Upper
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253 90.1 0.0 61.6
125 81.3 0.0 42.8

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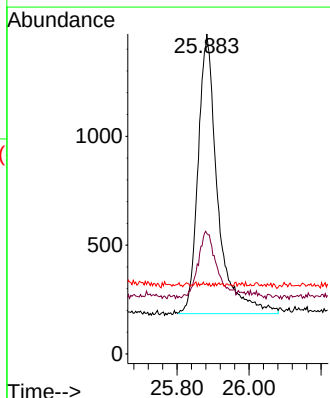
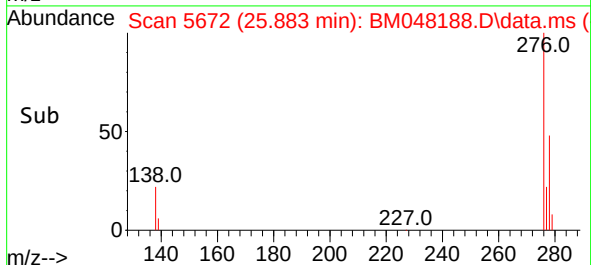
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024

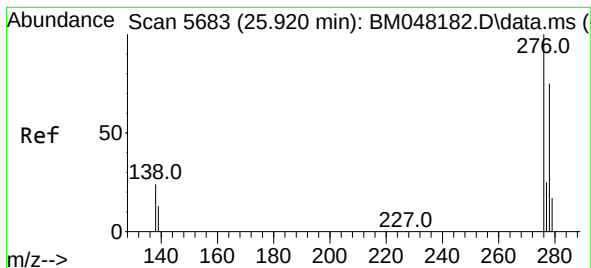


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.054 ng/ul
RT: 25.883 min Scan# 5672
Delta R.T. -0.017 min
Lab File: BM048188.D
Acq: 22 Oct 2024 12:20



Tgt Ion:276 Resp: 4836
Ion Ratio Lower Upper
276 100
138 22.5 20.2 30.2
227 0.3 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.039 ng/ul

RT: 25.893 min Scan# 5675

Delta R.T. -0.027 min

Lab File: BM048188.D

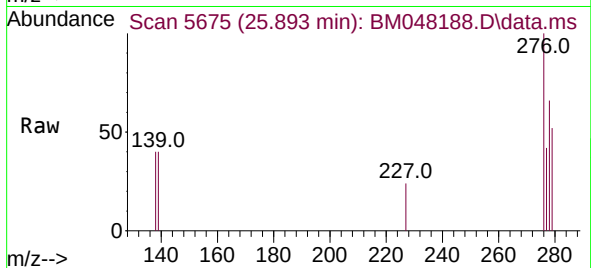
Acq: 22 Oct 2024 12:20

Instrument :

BNA_M

ClientSampleId :

E27G9DL



Tgt Ion:278 Resp: 2670

Ion Ratio Lower Upper

278 100

139 61.0 18.9 28.3

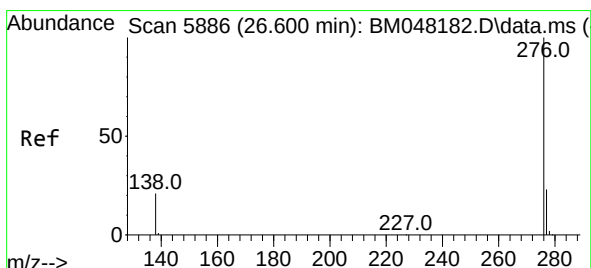
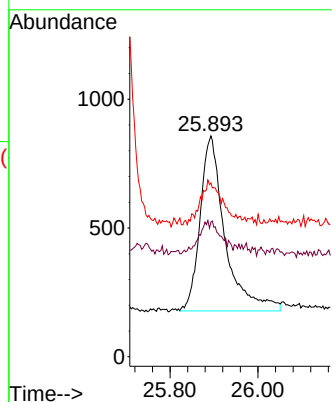
279 78.7 27.6 41.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :mohammad ahmed 10/23/2024



#29

Benzo(g,h,i)perylene

Concen: 0.177 ng/ul

RT: 26.577 min Scan# 5879

Delta R.T. -0.023 min

Lab File: BM048188.D

Acq: 22 Oct 2024 12:20

Tgt Ion:276 Resp: 13379

Ion Ratio Lower Upper

276 100

138 27.0 20.3 30.5

277 28.9 20.4 30.6

