

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046277.D
 Acq On : 25 Jun 2024 06:14
 Operator : MA/JU
 Sample : P2776-08DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 06/25/2024

Supervised By :mohammad
 ahmed
 06/27/2024

Quant Time: Jun 25 06:43:35 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 24 02:25:34 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2531	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.216	136	7205	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.067	164	4220	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.808	188	8085	0.400	ng/ul	-0.05
17) Chrysene-d12	21.009	240	6588	0.400	ng/ul	-0.04
23) Perylene-d12	23.092	264	7409m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2503	0.721	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.849	152	464	0.048	ng/ul	-0.02
18) Fluoranthene-d10	18.839	212	1168	0.059	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.271	128	612	0.030	ng/ul#	51
10) Acenaphthylene	13.785	152	1399	0.070	ng/ul#	79
11) Acenaphthene	14.123	153	733	0.051	ng/ul	91
12) Fluorene	15.122	166	874	0.056	ng/ul#	96
15) Phenanthrene	16.850	178	18521	0.815	ng/ul	98
16) Anthracene	16.943	178	3812	0.225	ng/ul#	92
19) Fluoranthene	18.867	202	41805	1.466	ng/ul	97
20) Pyrene	19.230	202	30525	0.990	ng/ul	97
21) Benzo(a)anthracene	20.991	228	18161	0.714	ng/ul	97
22) Chrysene	21.041	228	17962	0.553	ng/ul	99
24) Benzo(b)fluoranthene	22.478	252	27436m	1.028	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	11332m	0.357	ng/ul	
26) Benzo(a)pyrene	23.001	252	9475	0.383	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.142	276	9651	0.238	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.148	278	3084	0.102	ng/ul#	76
29) Benzo(g,h,i)perylene	25.762	276	1535	0.044	ng/ul#	56

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

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Misc :
ALS Vial : 36 Sample Multiplier: 1

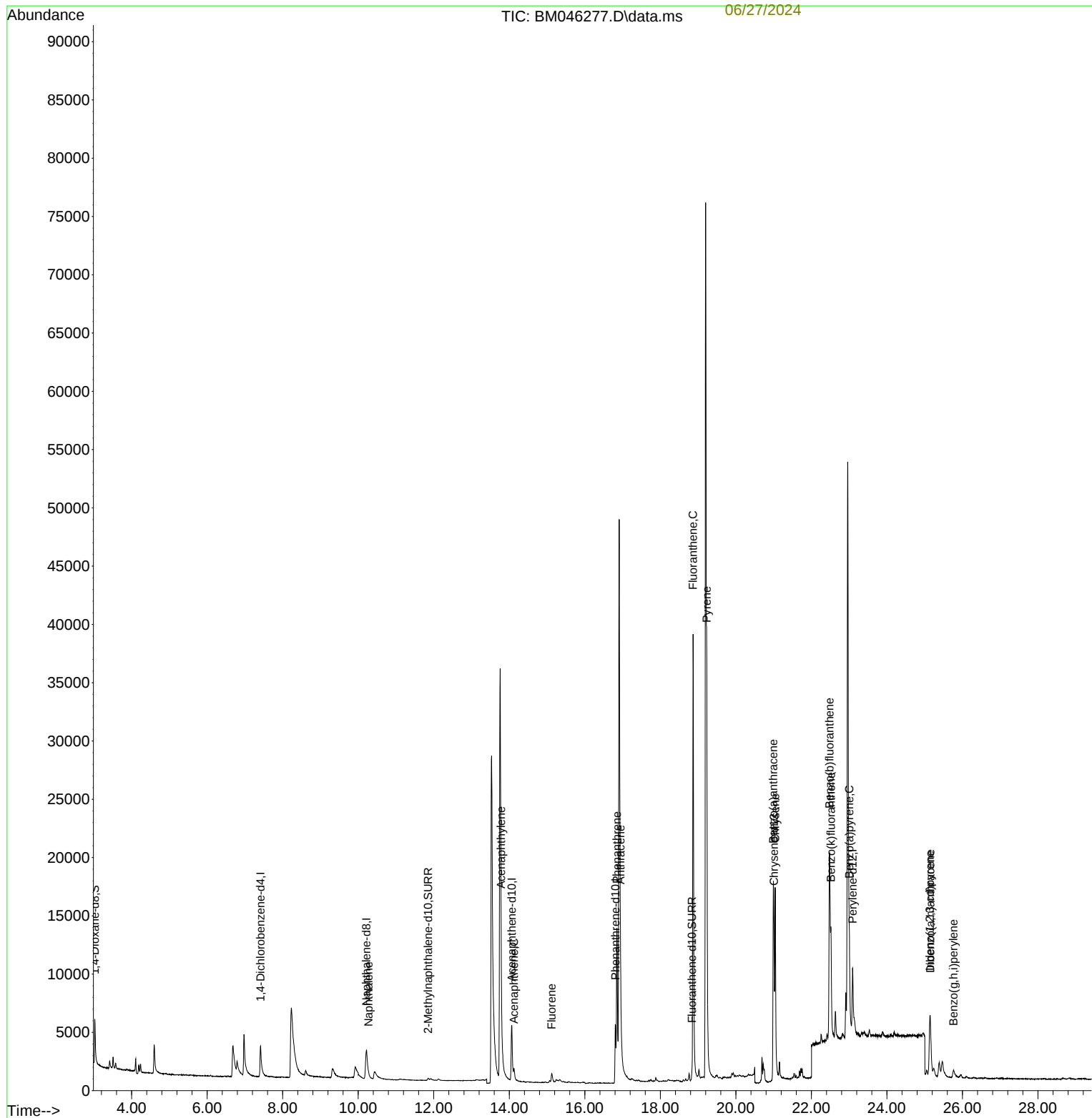
Instrument :
BNA_M
ClientSampleId :
A4CA0DL

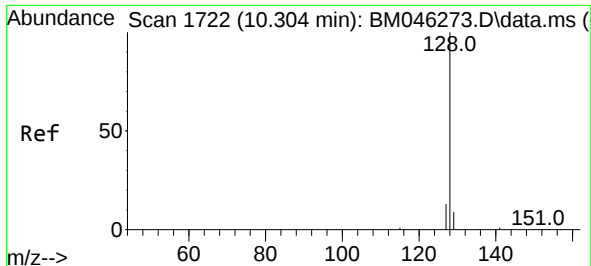
Quant Time: Jun 25 06:43:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration

Manual Integrations
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Reviewed By :Yogesh
Patel
06/25/2024

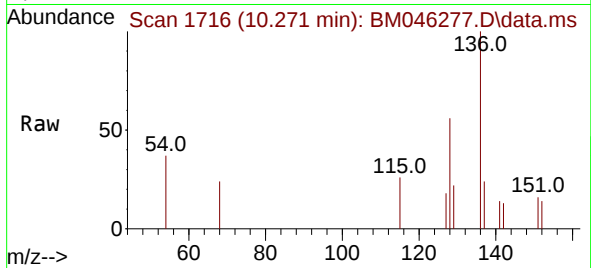
Supervised By :mohammad
ahmed
06/27/2024





#5
Naphthalene
Concen: 0.030 ng/u1
RT: 10.271 min Scan# 1716
Delta R.T. -0.032 min
Lab File: BM046277.D
Acq: 25 Jun 2024 06:14

Instrument :
BNA_M
ClientSampleId :
A4CA0DL

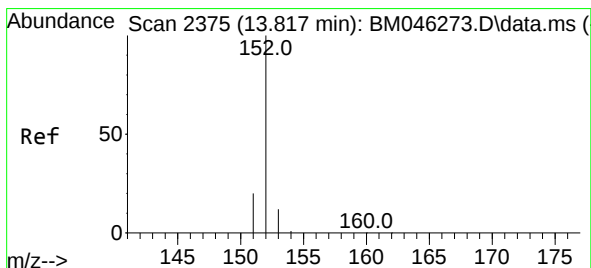
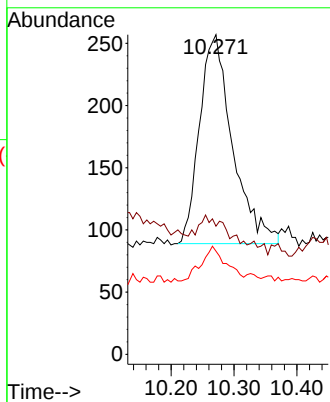
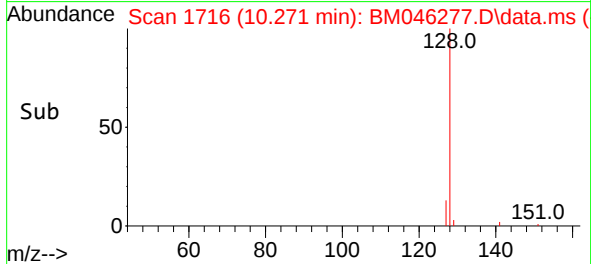


Tgt Ion:128 Resp: 612
Ion Ratio Lower Upper
128 100
129 40.1 11.8 17.6#
127 32.3 12.8 19.2#

Manual Integrations
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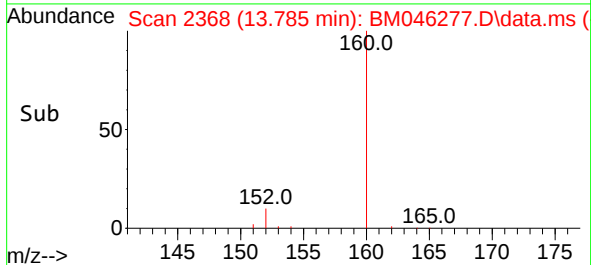
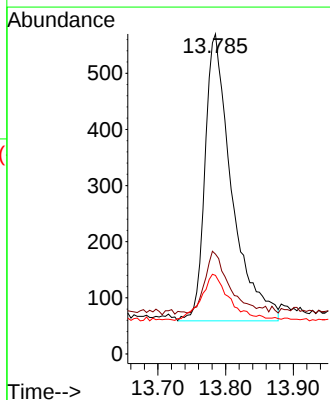
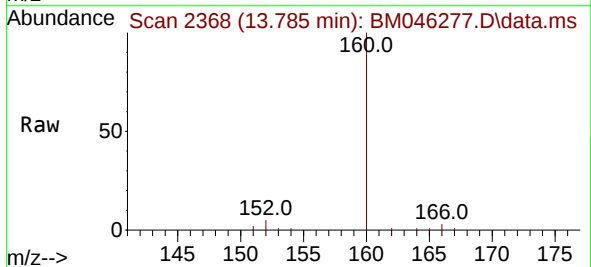
Reviewed By :Yogesh
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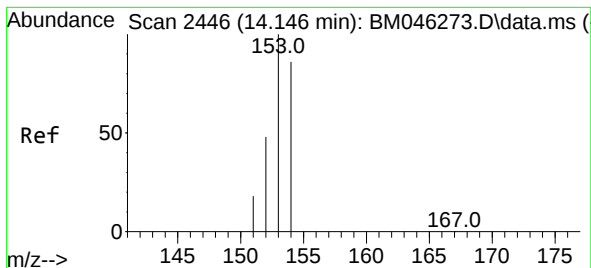
Supervised By :mohammad
ahmed
06/27/2024



#10
Acenaphthylene
Concen: 0.070 ng/u1
RT: 13.785 min Scan# 2368
Delta R.T. -0.050 min
Lab File: BM046277.D
Acq: 25 Jun 2024 06:14

Tgt Ion:152 Resp: 1399
Ion Ratio Lower Upper
152 100
151 31.2 17.4 26.2#
153 24.6 11.8 17.8#





#11

Acenaphthene

Concen: 0.051 ng/uI

RT: 14.123 min Scan# 2441

Delta R.T. -0.050 min

Lab File: BM046277.D

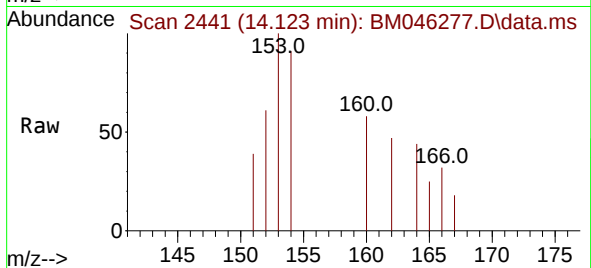
Acq: 25 Jun 2024 06:14

Instrument :

BNA_M

ClientSampleId :

A4CA0DL



Tgt Ion:153 Resp: 73

Ion Ratio Lower Upper

153 100

152 60.8 41.3 61.9

154 91.1 68.2 102.4

Manual Integrations

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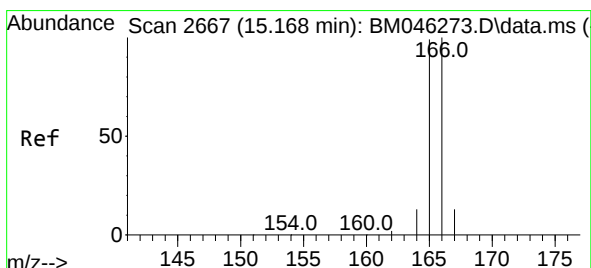
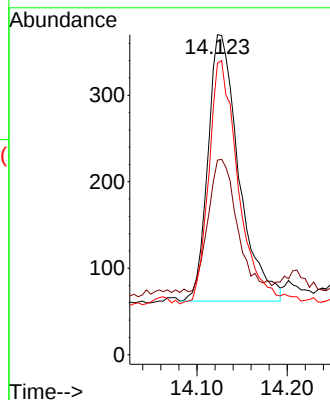
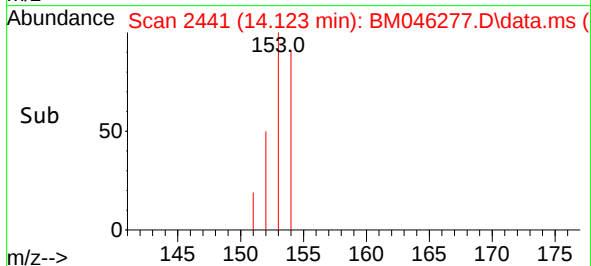
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#12

Fluorene

Concen: 0.056 ng/uI

RT: 15.122 min Scan# 2657

Delta R.T. -0.059 min

Lab File: BM046277.D

Acq: 25 Jun 2024 06:14

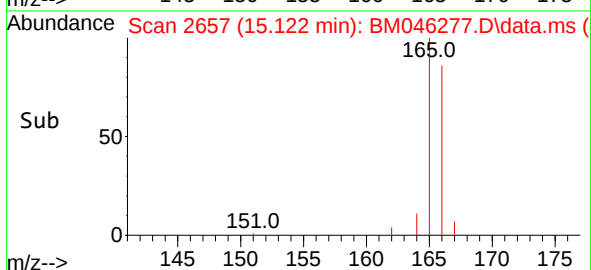
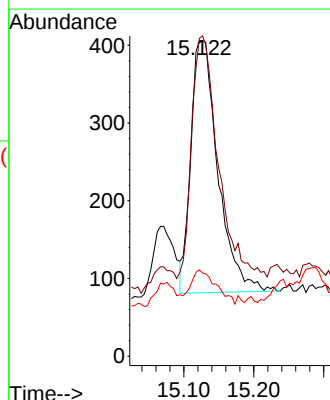
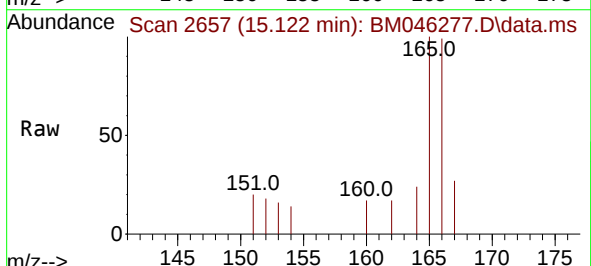
Tgt Ion:166 Resp: 874

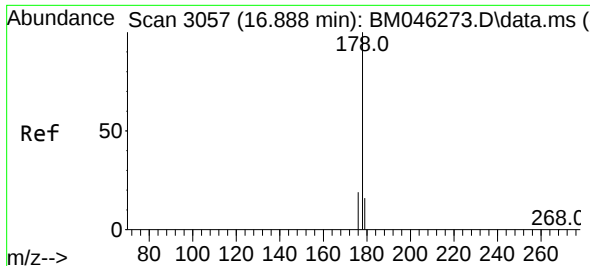
Ion Ratio Lower Upper

166 100

165 100.7 80.4 120.6

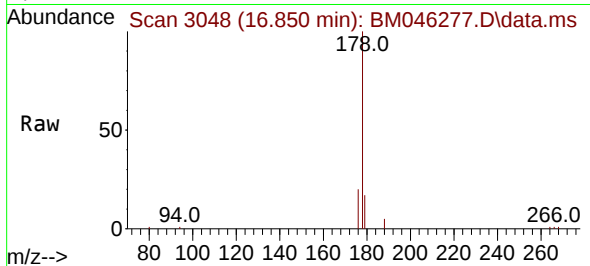
167 27.3 12.4 18.6#





#15
Phenanthrene
Concen: 0.815 ng/u1
RT: 16.850 min Scan# 3057
Delta R.T. -0.054 min
Lab File: BM046277.D
Acq: 25 Jun 2024 06:14

Instrument :
BNA_M
ClientSampleId :
A4CA0DL

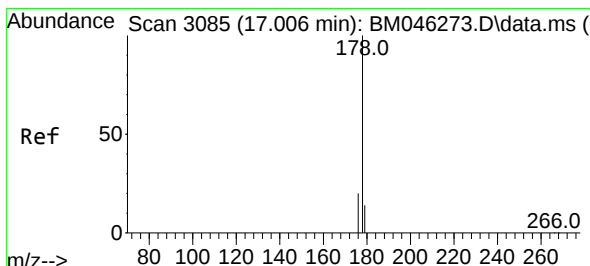
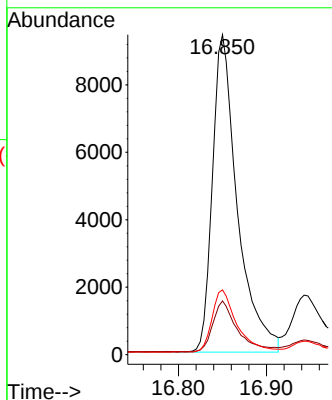


Tgt Ion:178 Resp: 1852
Ion Ratio Lower Upper
178 100
179 16.8 14.2 21.2
176 20.2 17.1 25.7

Manual Integrations
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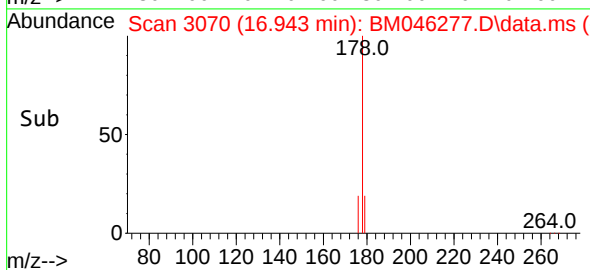
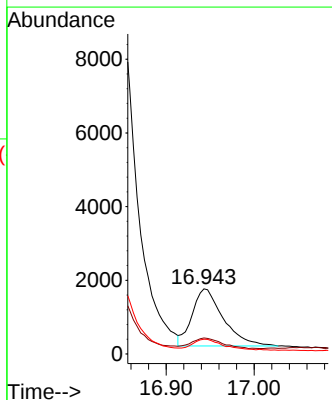
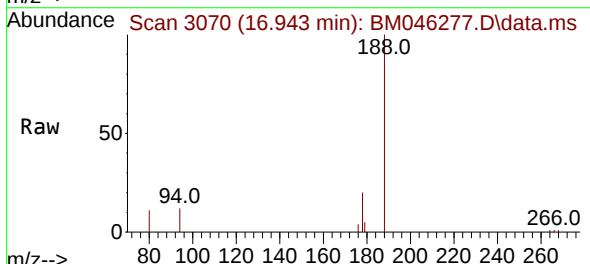
Reviewed By :Yogesh
Patel
06/25/2024

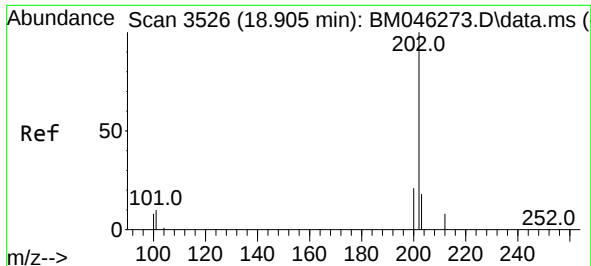
Supervised By :mohammad
ahmed
06/27/2024



#16
Anthracene
Concen: 0.225 ng/u1
RT: 16.943 min Scan# 3070
Delta R.T. -0.062 min
Lab File: BM046277.D
Acq: 25 Jun 2024 06:14

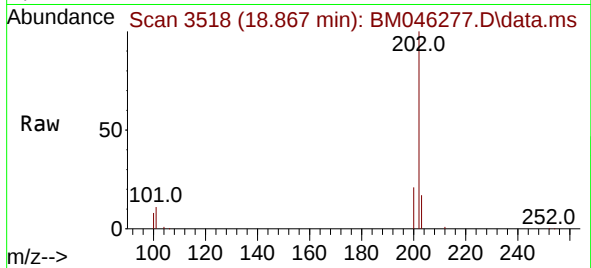
Tgt Ion:178 Resp: 3812
Ion Ratio Lower Upper
178 100
179 24.7 14.9 22.3#
176 22.5 17.0 25.4





#19
Fluoranthene
Concen: 1.466 ng/u1
RT: 18.867 min Scan# 3518
Delta R.T. -0.050 min
Lab File: BM046277.D
Acq: 25 Jun 2024 06:14

Instrument :
BNA_M
ClientSampleId :
A4CA0DL

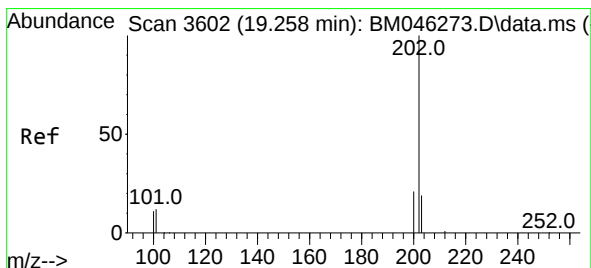
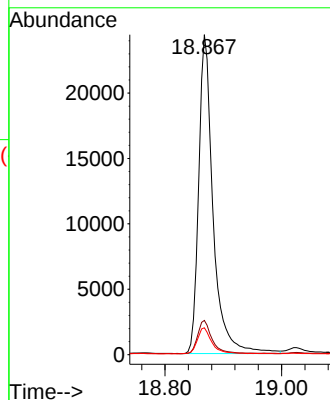


Tgt Ion:202 Resp: 4180
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
100 8.4 7.6 11.4

Manual Integrations
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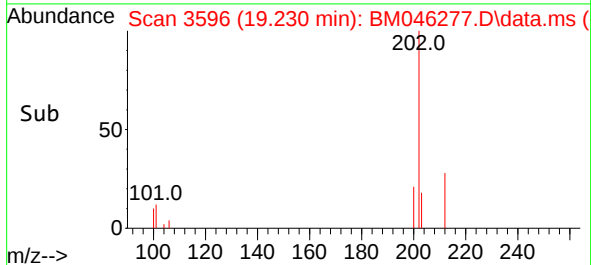
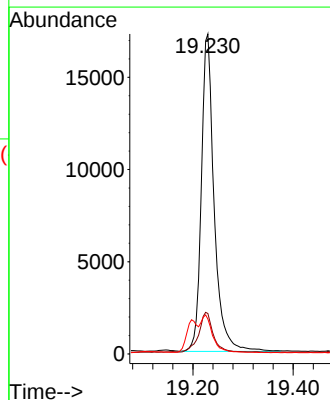
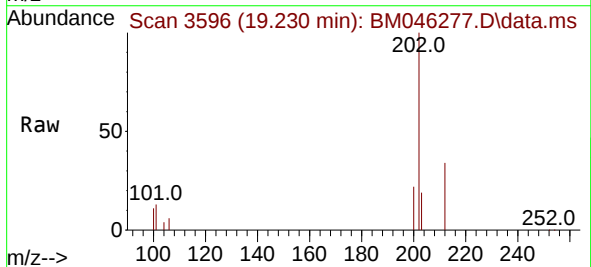
Reviewed By :Yogesh
Patel
06/25/2024

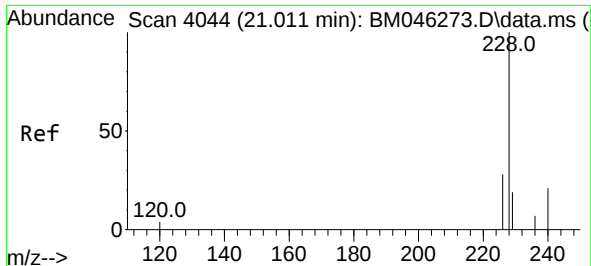
Supervised By :mohammad
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#20
Pyrene
Concen: 0.990 ng/u1
RT: 19.230 min Scan# 3596
Delta R.T. -0.045 min
Lab File: BM046277.D
Acq: 25 Jun 2024 06:14

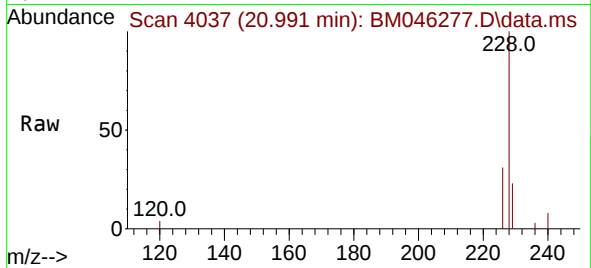
Tgt Ion:202 Resp: 30525
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 10.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.714 ng/ul
RT: 20.991 min Scan# 4037
Delta R.T. -0.038 min
Lab File: BM046277.D
Acq: 25 Jun 2024 06:14

Instrument :
BNA_M
ClientSampleId :
A4CA0DL

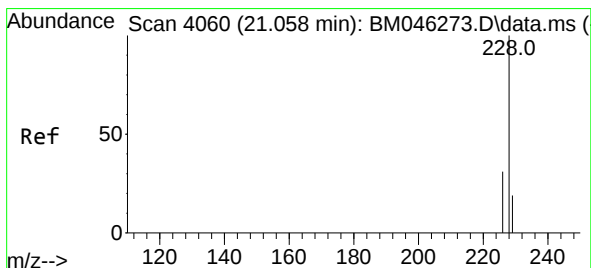
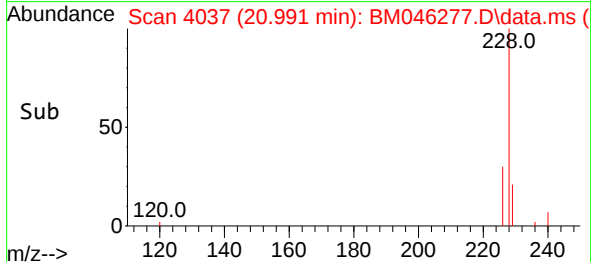
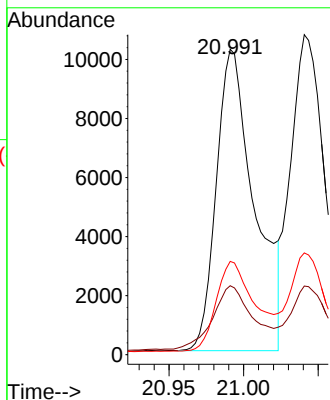


Tgt Ion:228 Resp: 1816
Ion Ratio Lower Upper
228 100
229 22.6 16.4 24.6
226 30.5 23.4 35.2

Manual Integrations
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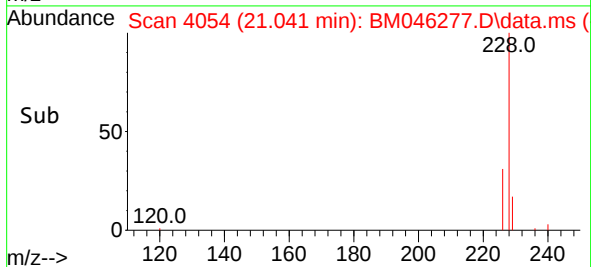
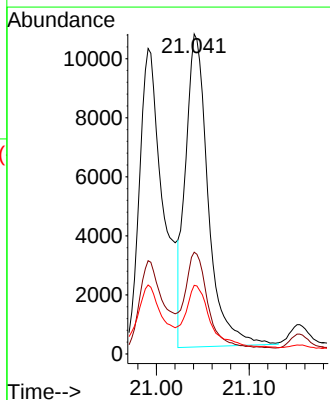
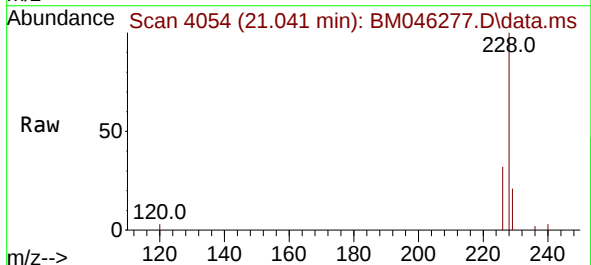
Reviewed By :Yogesh
Patel
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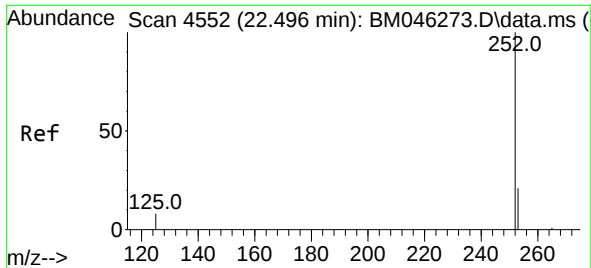
Supervised By :mohammad
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06/27/2024



#22
Chrysene
Concen: 0.553 ng/ul
RT: 21.041 min Scan# 4054
Delta R.T. -0.035 min
Lab File: BM046277.D
Acq: 25 Jun 2024 06:14

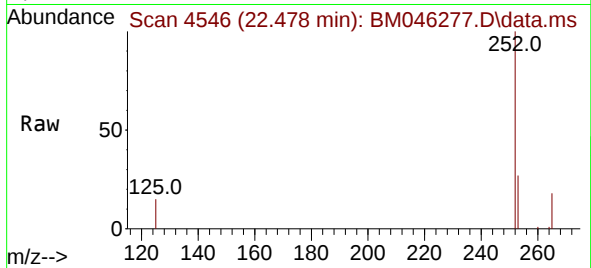
Tgt Ion:228 Resp: 17962
Ion Ratio Lower Upper
228 100
226 31.8 25.2 37.8
229 21.5 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.028 ng/ul m
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046277.D
Acq: 25 Jun 2024 06:14

Instrument :
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ClientSampleId :
A4CA0DL

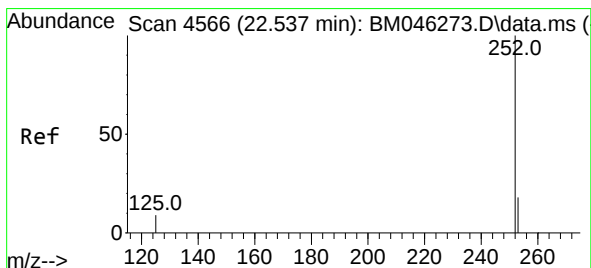
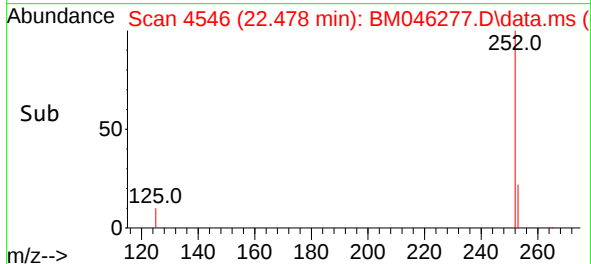
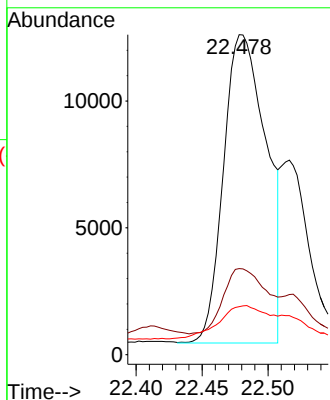


Tgt Ion:252 Resp: 27430
Ion Ratio Lower Upper
252 100
253 26.9 0.0 65.8
125 15.0 0.0 40.2

Manual Integrations
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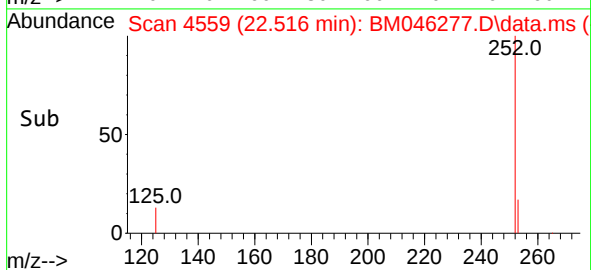
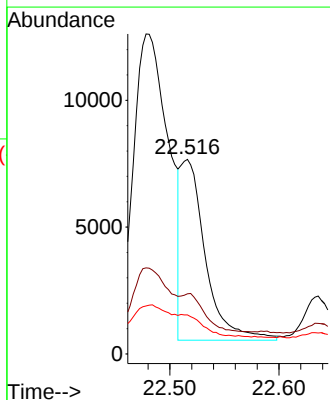
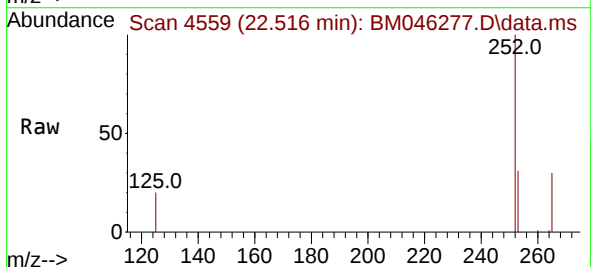
Reviewed By :Yogesh
Patel
06/25/2024

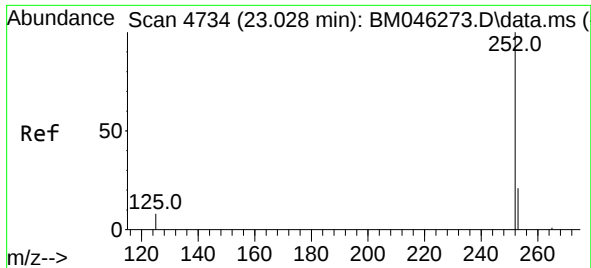
Supervised By :mohammad
ahmed
06/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul m
RT: 22.516 min Scan# 4559
Delta R.T. -0.047 min
Lab File: BM046277.D
Acq: 25 Jun 2024 06:14

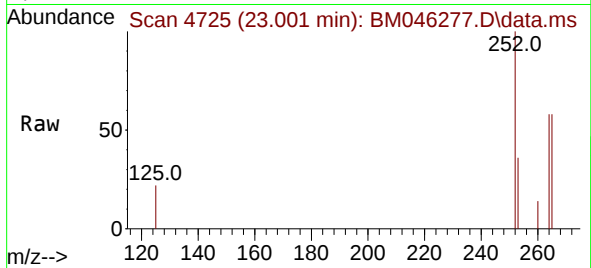
Tgt Ion:252 Resp: 11332
Ion Ratio Lower Upper
252 100
253 30.9 27.2 40.8
125 20.0 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.001 min Scan# 4725
Delta R.T. -0.053 min
Lab File: BM046277.D
Acq: 25 Jun 2024 06:14

Instrument :
BNA_M
ClientSampleId :
A4CA0DL

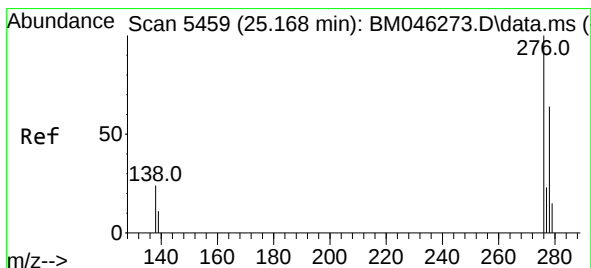
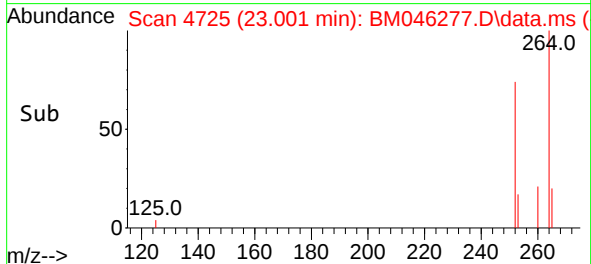
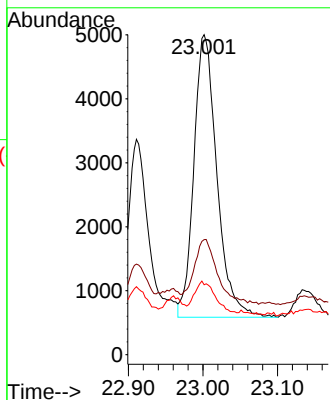


Tgt Ion:252 Resp: 9475
Ion Ratio Lower Upper
252 100
253 35.9 32.1 48.1
125 21.9 21.2 31.8

Manual Integrations
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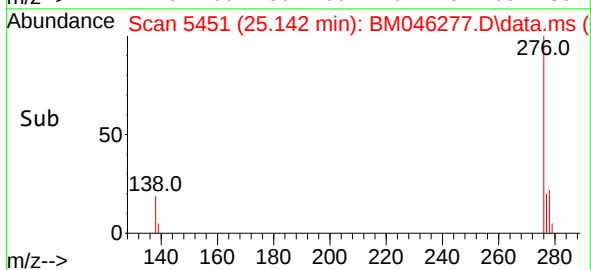
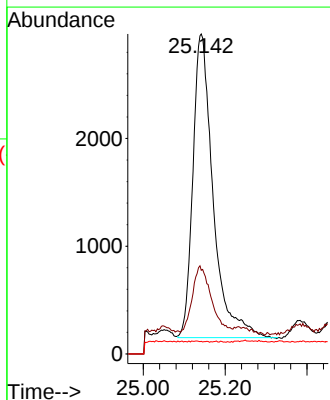
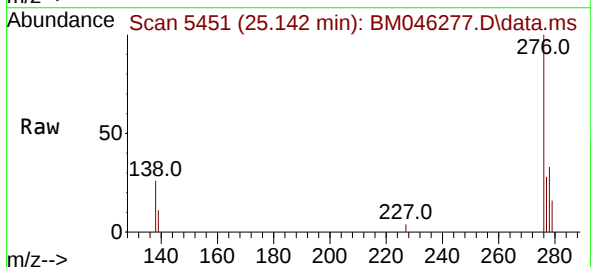
Reviewed By :Yogesh
Patel
06/25/2024

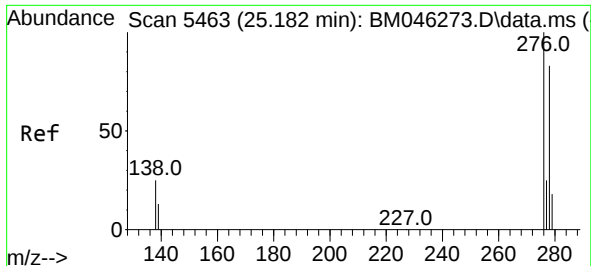
Supervised By :mohammad
ahmed
06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.238 ng/ul
RT: 25.142 min Scan# 5451
Delta R.T. -0.061 min
Lab File: BM046277.D
Acq: 25 Jun 2024 06:14

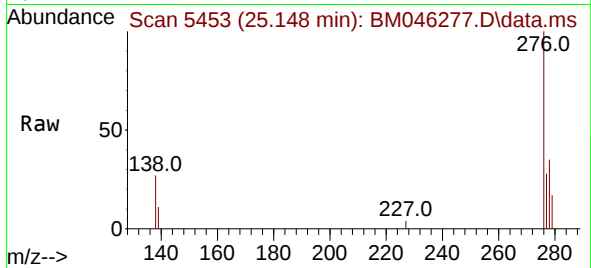
Tgt Ion:276 Resp: 9651
Ion Ratio Lower Upper
276 100
138 24.3 21.0 31.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul
RT: 25.148 min Scan# 5463
Delta R.T. -0.067 min
Lab File: BM046277.D
Acq: 25 Jun 2024 06:14

Instrument :
BNA_M
ClientSampleId :
A4CA0DL

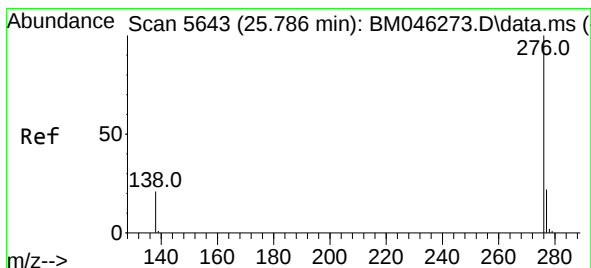
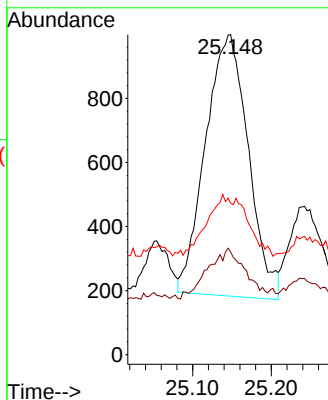


Tgt Ion:278 Resp: 3084
Ion Ratio Lower Upper
278 100
139 32.0 17.6 26.4#
279 47.3 26.3 39.5#

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
06/25/2024

Supervised By :mohammad
ahmed
06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.044 ng/ul
RT: 25.762 min Scan# 5636
Delta R.T. -0.067 min
Lab File: BM046277.D
Acq: 25 Jun 2024 06:14

Tgt Ion:276 Resp: 1535
Ion Ratio Lower Upper
276 100
138 54.2 21.7 32.5#
277 43.5 20.4 30.6#

