

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046122.D
 Acq On : 20 Jun 2024 14:30
 Operator : MA/JU
 Sample : P2710-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 20 15:00:27 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	2866	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.205	136	8386	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.076	164	4666	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.820	188	9473	0.400	ng/ul	-0.04
17) Chrysene-d12	21.023	240	7688	0.400	ng/ul	-0.02
23) Perylene-d12	23.115	264	8009m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	8196	2.084	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	1720	0.153	ng/ul	-0.03
18) Fluoranthene-d10	18.853	212	4012	0.174	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.249	128	554	0.024	ng/ul#	63
10) Acenaphthylene	13.794	152	1368	0.062	ng/ul#	85
11) Acenaphthene	14.137	153	1086	0.068	ng/ul	96
12) Fluorene	15.131	166	1355	0.079	ng/ul#	98
15) Phenanthrene	16.858	178	22736	0.854	ng/ul	96
16) Anthracene	16.951	178	4846	0.244	ng/ul	96
19) Fluoranthene	18.881	202	42674	1.282	ng/ul	97
20) Pyrene	19.244	202	37162	1.032	ng/ul	97
21) Benzo(a)anthracene	21.006	228	17826	0.600	ng/ul	98
22) Chrysene	21.058	228	18056	0.476	ng/ul	98
24) Benzo(b)fluoranthene	22.496	252	25861m	0.896	ng/ul	
25) Benzo(k)fluoranthene	22.534	252	11120m	0.324	ng/ul	
26) Benzo(a)pyrene	23.019	252	17855m	0.668	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.168	276	14212	0.325	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.168	278	3168	0.097	ng/ul#	68
29) Benzo(g,h,i)perylene	25.789	276	14411	0.384	ng/ul	99

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

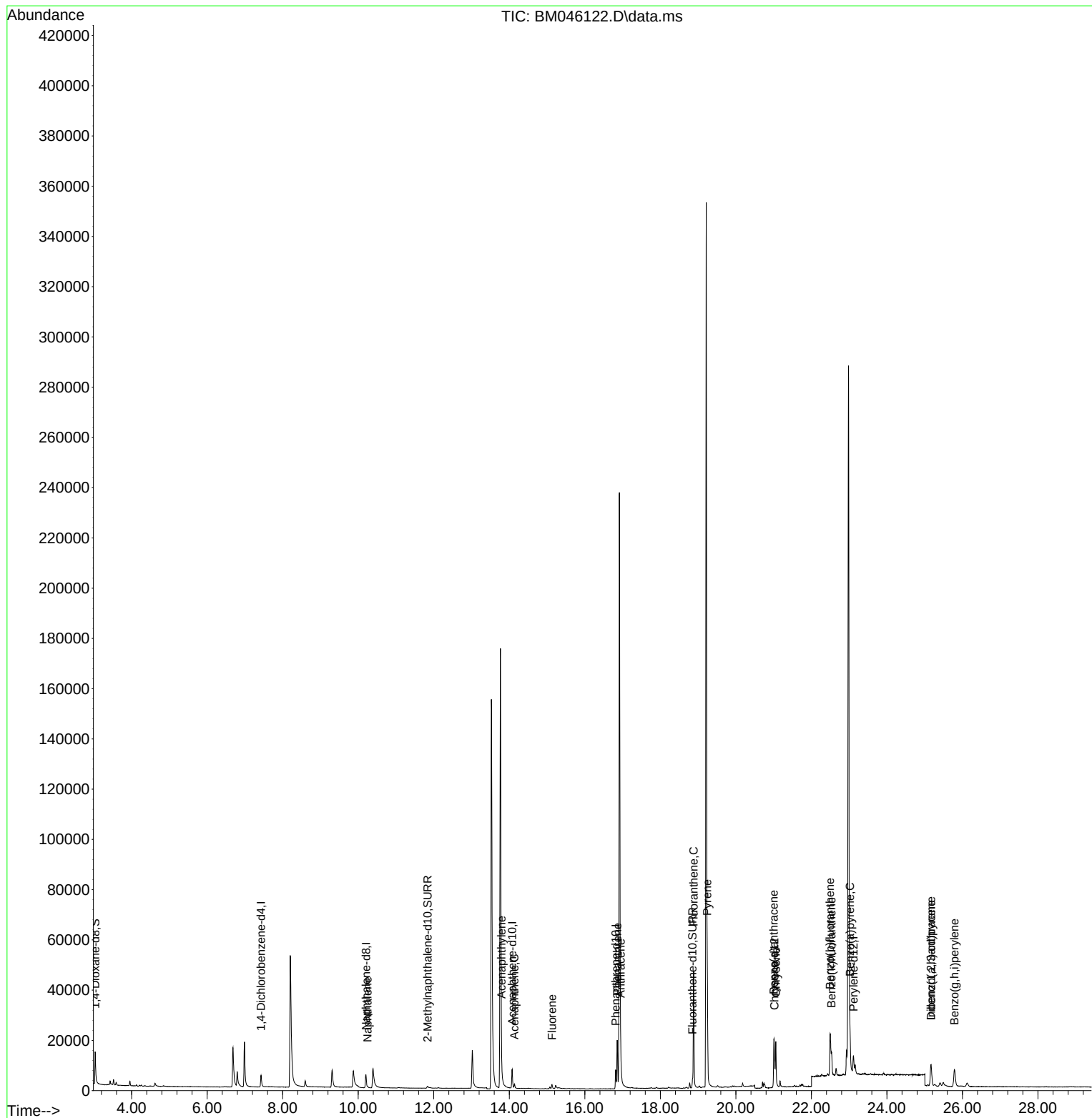
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046122.D
Acq On : 20 Jun 2024 14:30
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Sample : P2710-09
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ALS Vial : 11 Sample Multiplier: 1

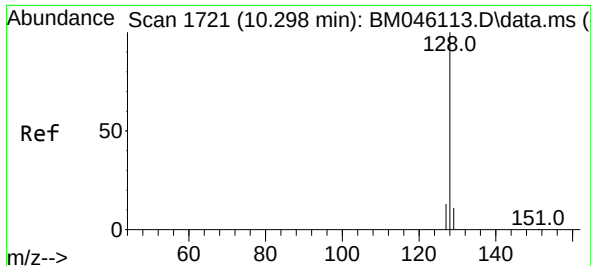
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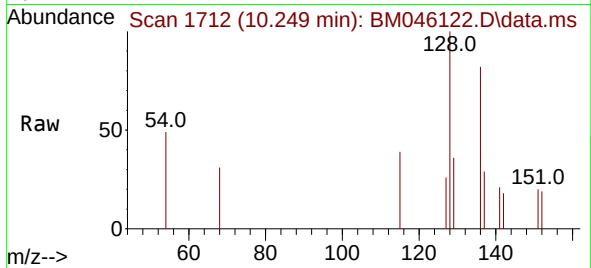
Quant Time: Jun 20 15:00:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
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#5
Naphthalene
Concen: 0.024 ng/uI
RT: 10.249 min Scan# 1712
Delta R.T. -0.054 min
Lab File: BM046122.D
Acq: 20 Jun 2024 14:30

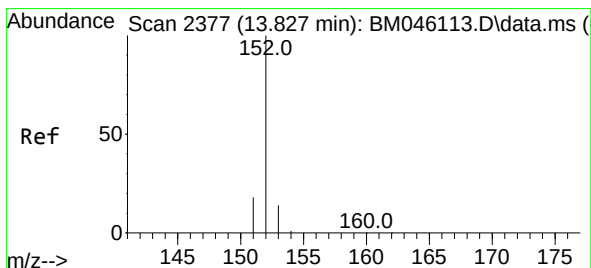
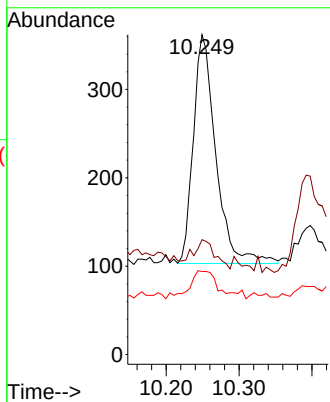
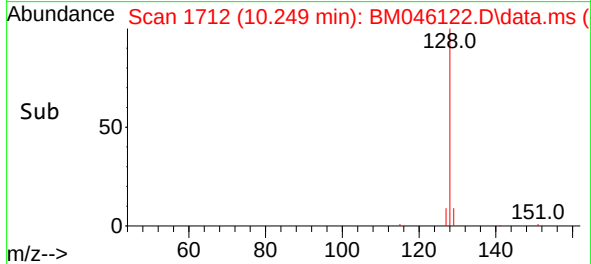
Instrument :
BNA_M
ClientSampleId :
A4BL8



Tgt Ion:128 Resp: 554
Ion Ratio Lower Upper
128 100
129 35.9 11.8 17.6#
127 26.0 12.8 19.2#

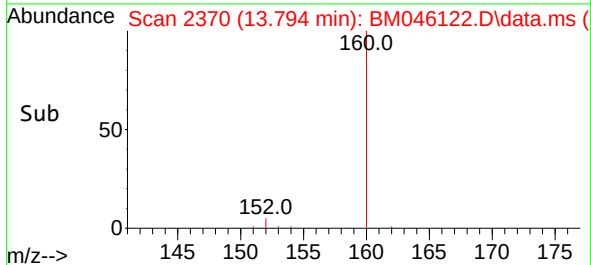
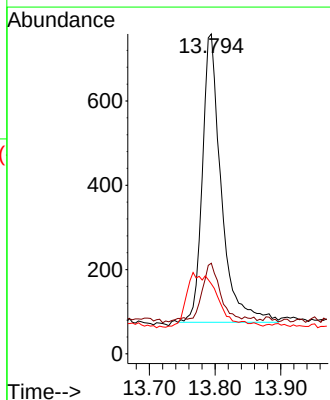
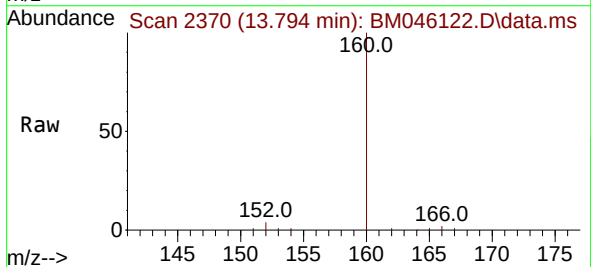
Manual Integrations
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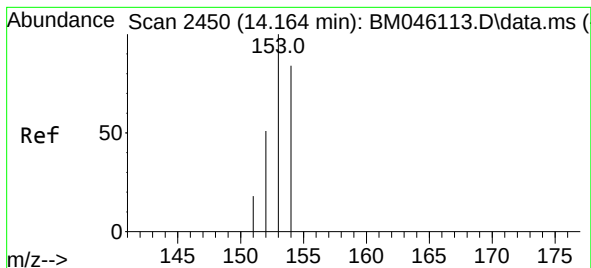
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.062 ng/uI
RT: 13.794 min Scan# 2370
Delta R.T. -0.040 min
Lab File: BM046122.D
Acq: 20 Jun 2024 14:30

Tgt Ion:152 Resp: 1368
Ion Ratio Lower Upper
152 100
151 28.3 17.4 26.2#
153 21.9 11.8 17.8#





#11

Acenaphthene

Concen: 0.068 ng/u1

RT: 14.137 min Scan# 2444

Delta R.T. -0.036 min

Lab File: BM046122.D

Acq: 20 Jun 2024 14:30

Instrument :

BNA_M

ClientSampleId :

A4BL8

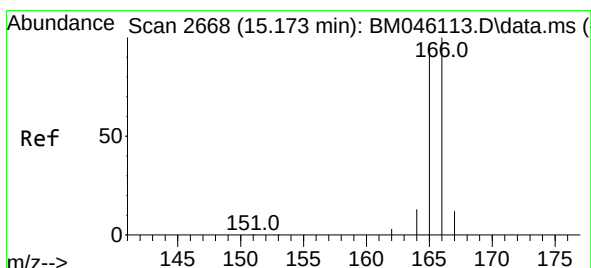
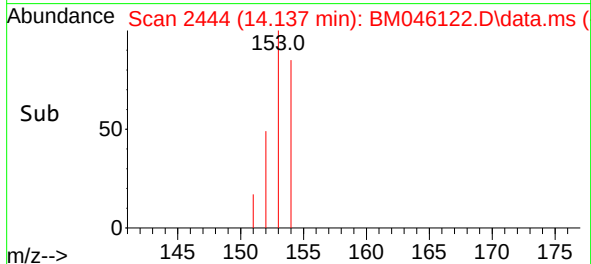
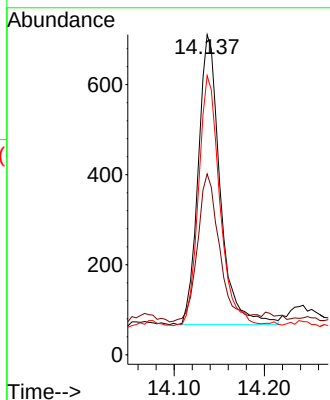
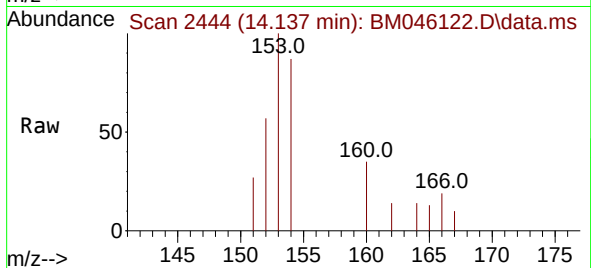
Tgt Ion:153 Resp: 1080

Ion	Ratio	Lower	Upper
153	100		
152	56.5	41.3	61.9
154	87.2	68.2	102.4

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#12

Fluorene

Concen: 0.079 ng/u1

RT: 15.131 min Scan# 2659

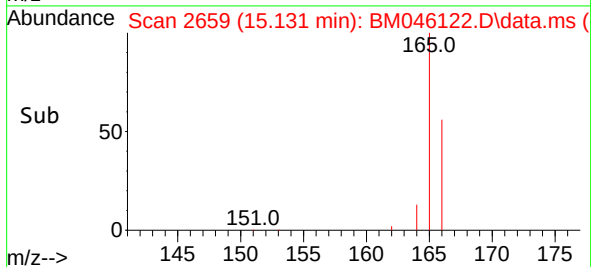
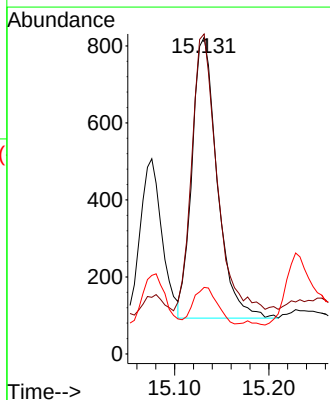
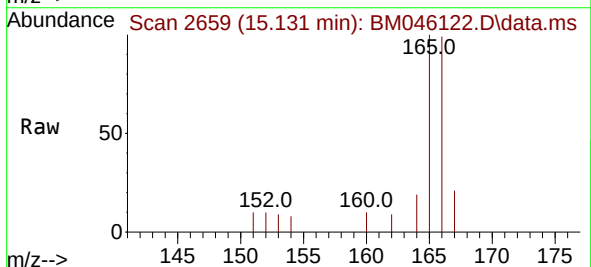
Delta R.T. -0.050 min

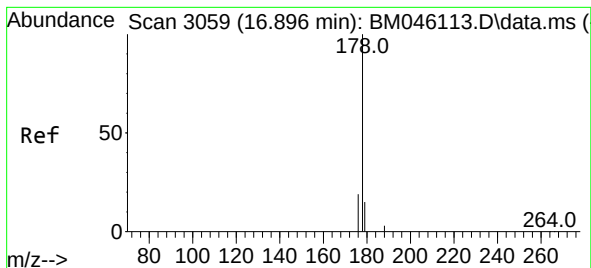
Lab File: BM046122.D

Acq: 20 Jun 2024 14:30

Tgt Ion:166 Resp: 1355

Ion	Ratio	Lower	Upper
166	100		
165	101.1	80.4	120.6
167	21.0	12.4	18.6





#15

Phenanthrene

Concen: 0.854 ng/ul

RT: 16.858 min Scan# 3050

Delta R.T. -0.045 min

Lab File: BM046122.D

Acq: 20 Jun 2024 14:30

Instrument :

BNA_M

ClientSampleId :

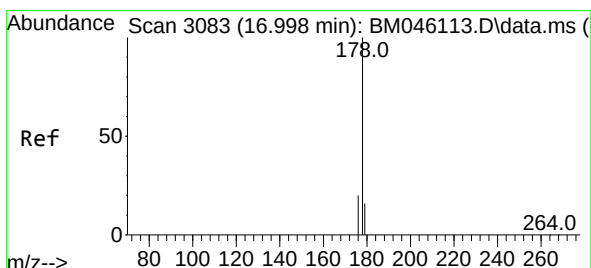
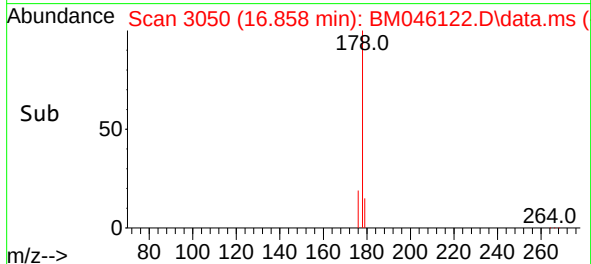
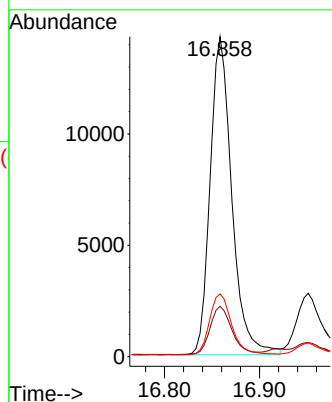
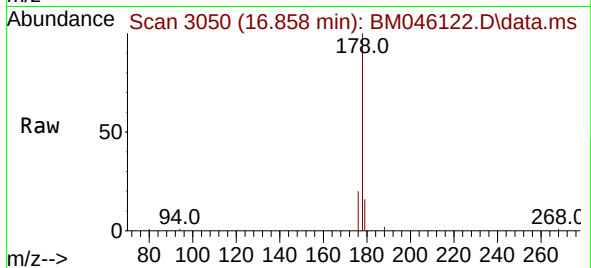
A4BL8

Tgt Ion:	178	Resp:	22730
Ion Ratio	Lower	Upper	
178	100		
179	15.8	14.2	21.2
176	19.7	17.1	25.7

Manual Integrations

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#16

Anthracene

Concen: 0.244 ng/ul

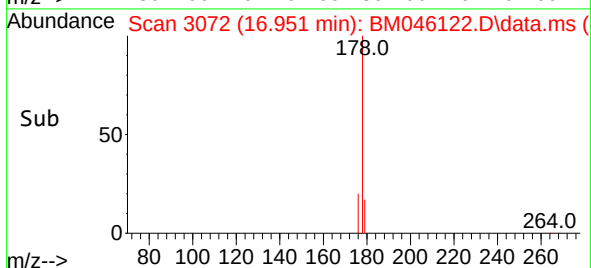
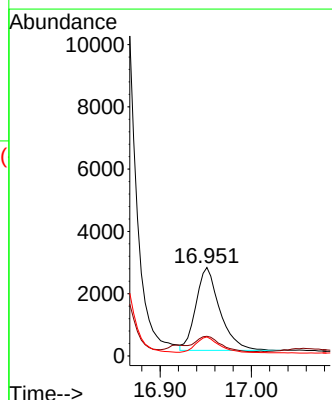
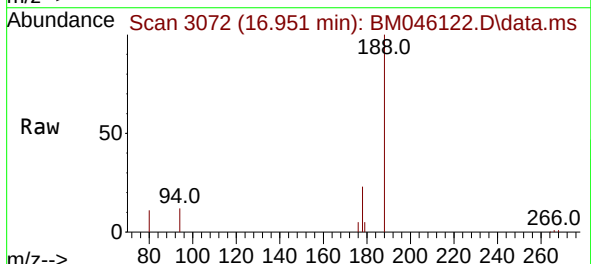
RT: 16.951 min Scan# 3072

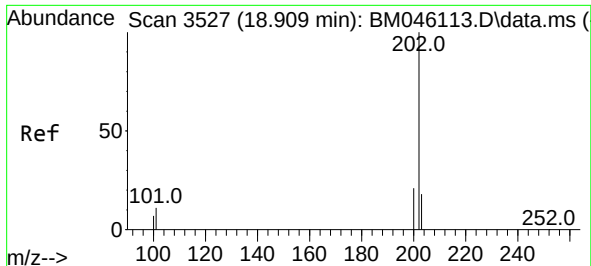
Delta R.T. -0.054 min

Lab File: BM046122.D

Acq: 20 Jun 2024 14:30

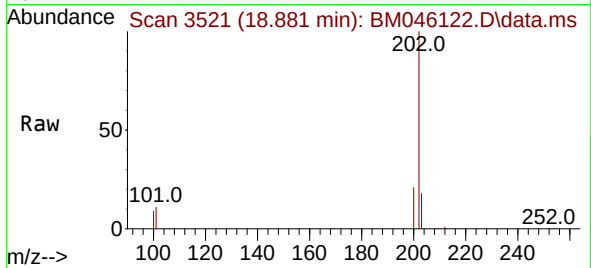
Tgt Ion:	178	Resp:	4846
Ion Ratio	Lower	Upper	
178	100		
179	22.3	14.9	22.3
176	21.6	17.0	25.4





#19
Fluoranthene
Concen: 1.282 ng/u1
RT: 18.881 min Scan# 3521
Delta R.T. -0.036 min
Lab File: BM046122.D
Acq: 20 Jun 2024 14:30

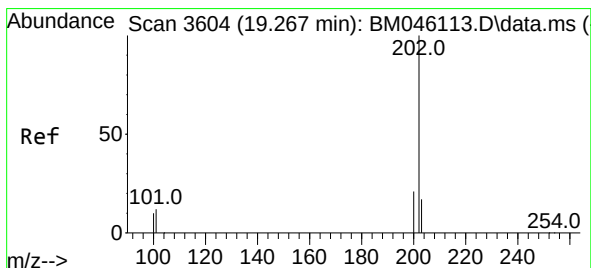
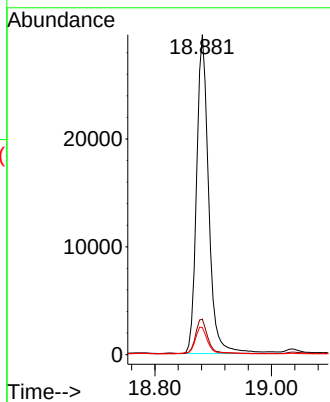
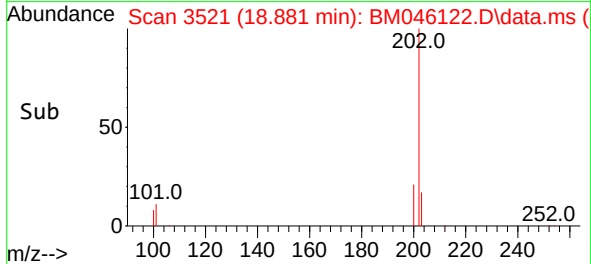
Instrument :
BNA_M
ClientSampleId :
A4BL8



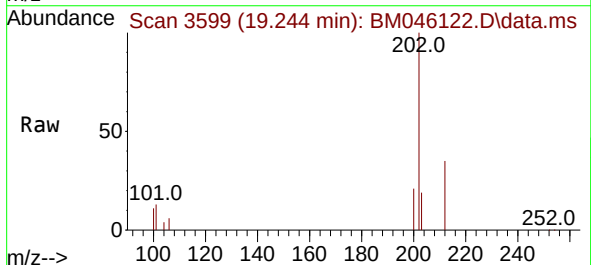
Tgt Ion:202 Resp: 42674
Ion Ratio Lower Upper
202 100
101 11.1 9.6 14.4
100 8.5 7.6 11.4

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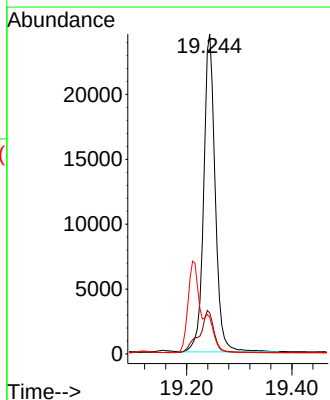
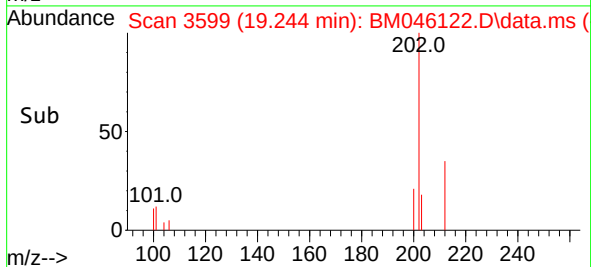
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

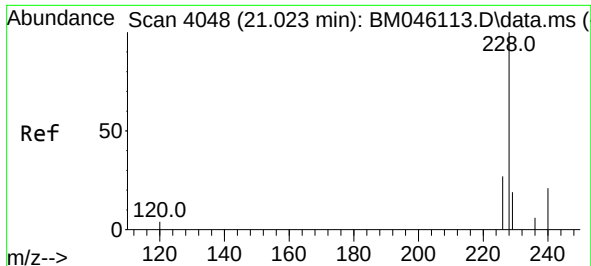


#20
Pyrene
Concen: 1.032 ng/u1
RT: 19.244 min Scan# 3599
Delta R.T. -0.031 min
Lab File: BM046122.D
Acq: 20 Jun 2024 14:30



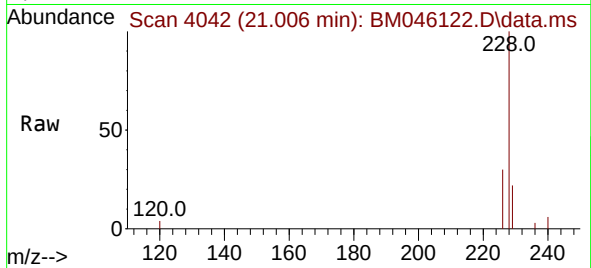
Tgt Ion:202 Resp: 37162
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 11.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.600 ng/ul
RT: 21.006 min Scan# 4048
Delta R.T. -0.024 min
Lab File: BM046122.D
Acq: 20 Jun 2024 14:30

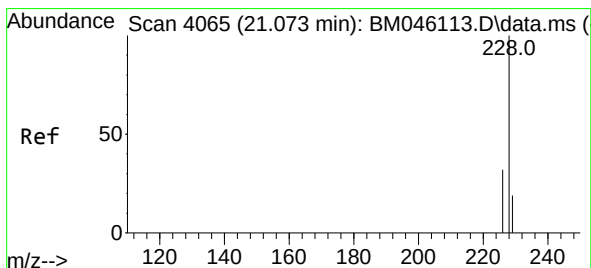
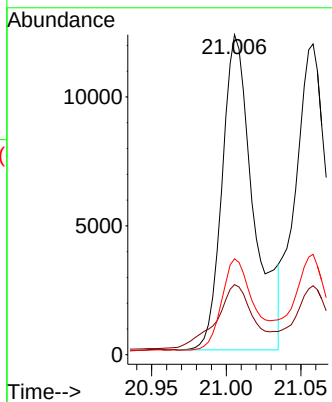
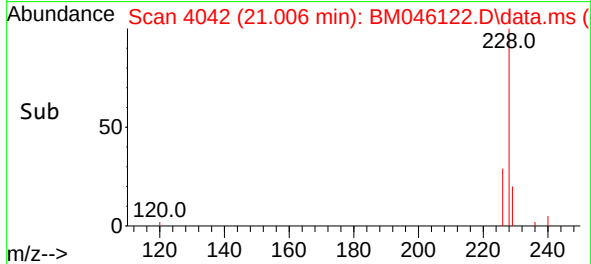
Instrument :
BNA_M
ClientSampleId :
A4BL8



Tgt Ion:228 Resp: 17820
Ion Ratio Lower Upper
228 100
229 21.9 16.4 24.6
226 30.0 23.4 35.2

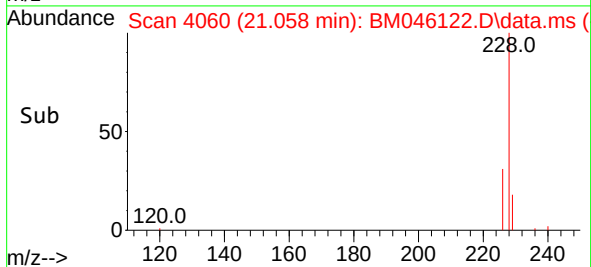
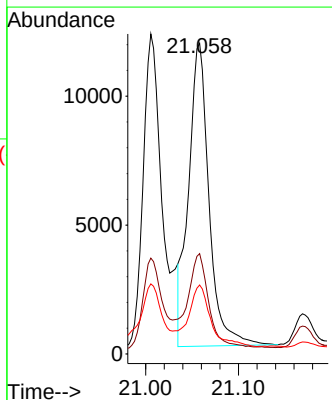
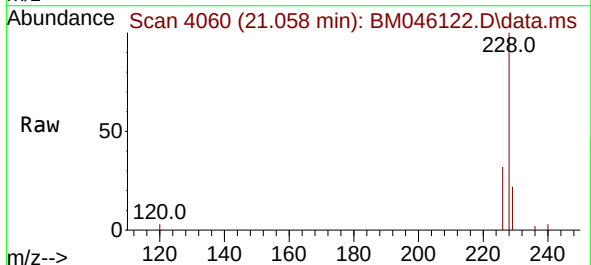
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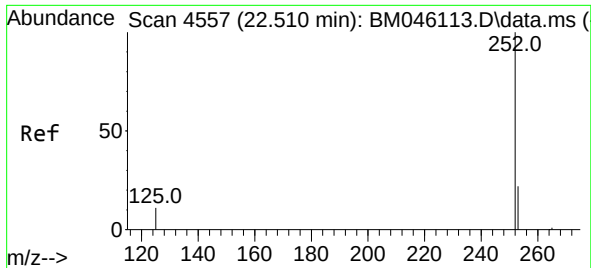
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 0.476 ng/ul
RT: 21.058 min Scan# 4060
Delta R.T. -0.018 min
Lab File: BM046122.D
Acq: 20 Jun 2024 14:30

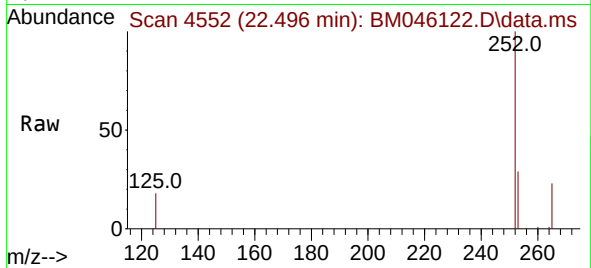
Tgt Ion:228 Resp: 18056
Ion Ratio Lower Upper
228 100
226 32.3 25.2 37.8
229 22.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.896 ng/ul m
RT: 22.496 min Scan# 4552
Delta R.T. -0.024 min
Lab File: BM046122.D
Acq: 20 Jun 2024 14:30

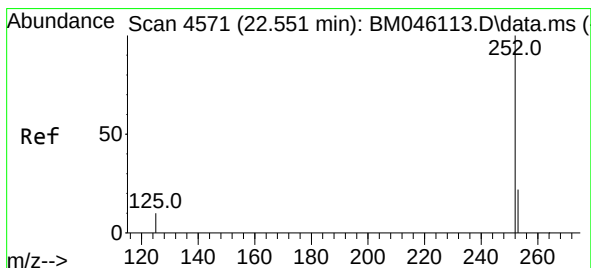
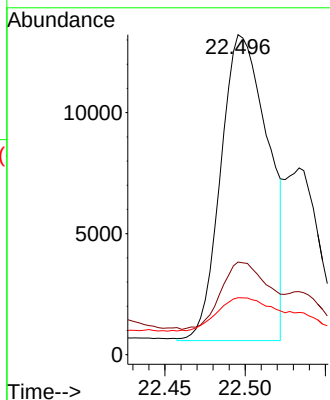
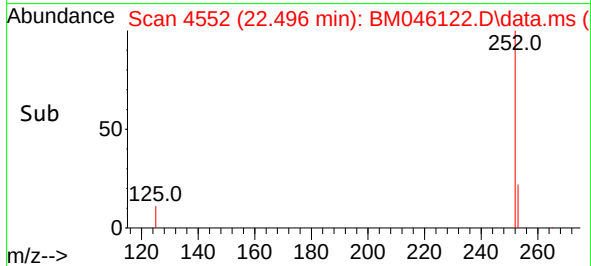
Instrument :
BNA_M
ClientSampleId :
A4BL8



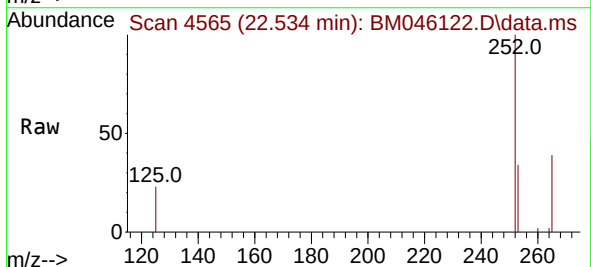
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Ion Ratio Lower Upper
252 100
253 29.0 0.0 65.8
125 17.8 0.0 40.2

Manual Integrations
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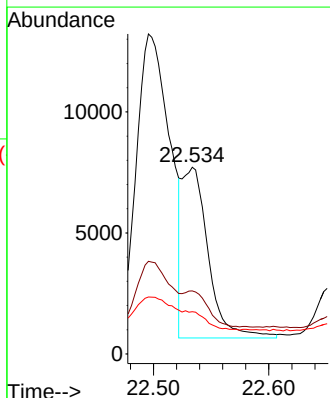
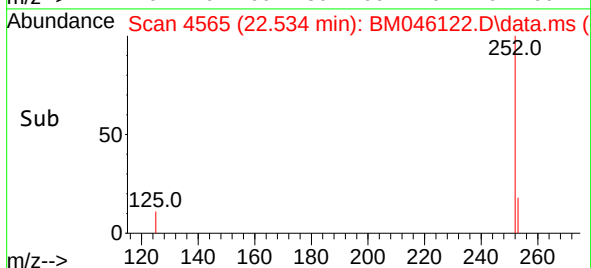
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

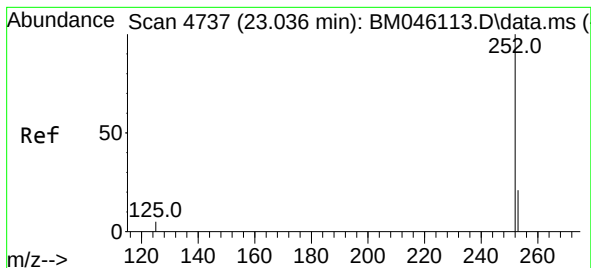


#25
Benzo(k)fluoranthene
Concen: 0.324 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.030 min
Lab File: BM046122.D
Acq: 20 Jun 2024 14:30



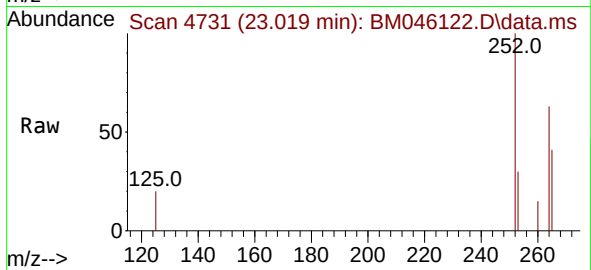
Tgt Ion:252 Resp: 11120
Ion Ratio Lower Upper
252 100
253 33.7 27.2 40.8
125 22.6 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.668 ng/ul m
RT: 23.019 min Scan# 4731
Delta R.T. -0.036 min
Lab File: BM046122.D
Acq: 20 Jun 2024 14:30

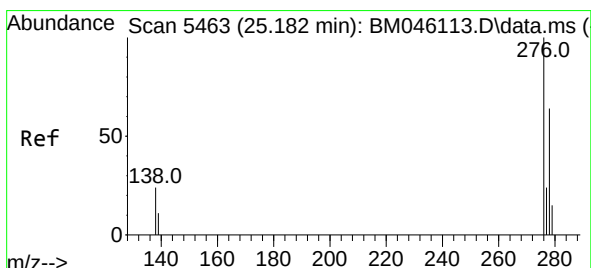
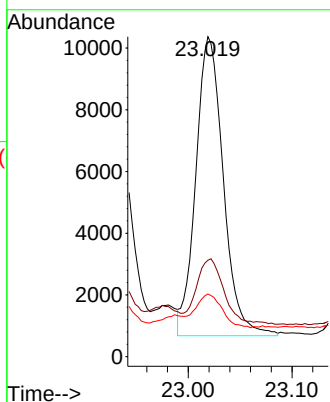
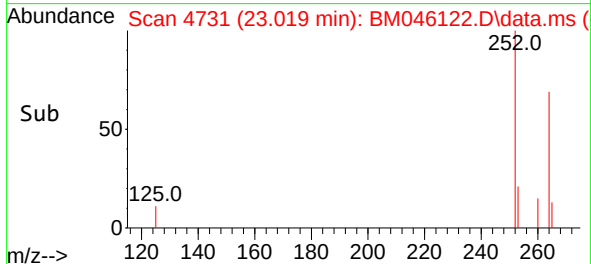
Instrument :
BNA_M
ClientSampleId :
A4BL8



Tgt Ion:252 Resp: 1785
Ion Ratio Lower Upper
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125 19.6 21.2 31.8

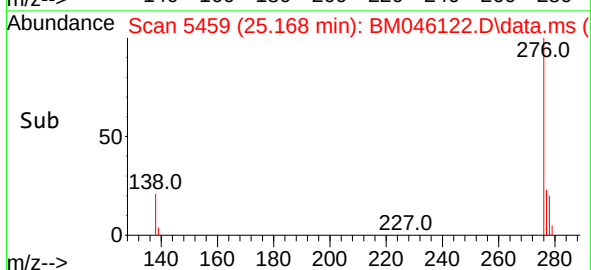
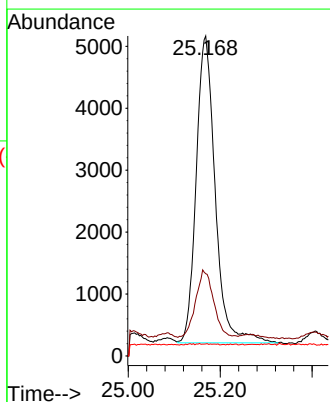
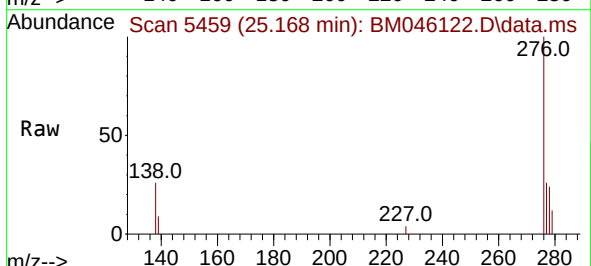
Manual Integrations
APPROVED

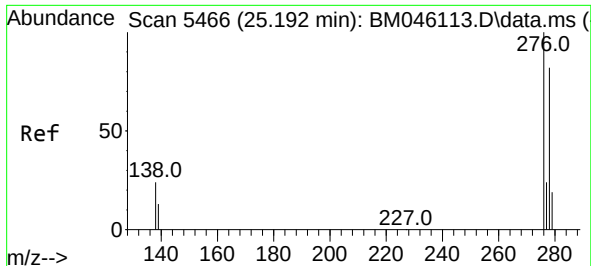
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.325 ng/ul
RT: 25.168 min Scan# 5459
Delta R.T. -0.034 min
Lab File: BM046122.D
Acq: 20 Jun 2024 14:30

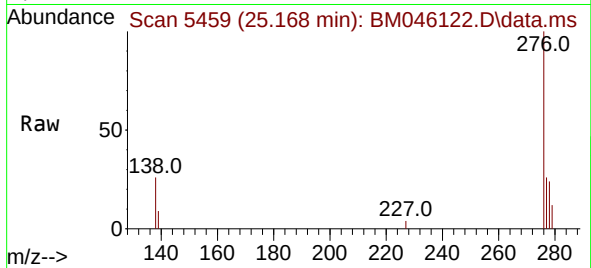
Tgt Ion:276 Resp: 14212
Ion Ratio Lower Upper
276 100
138 21.2 21.0 31.4
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 25.168 min Scan# 5466
Delta R.T. -0.047 min
Lab File: BM046122.D
Acq: 20 Jun 2024 14:30

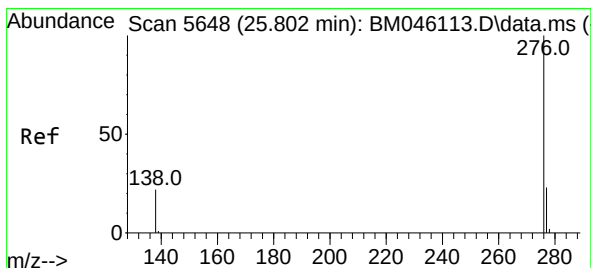
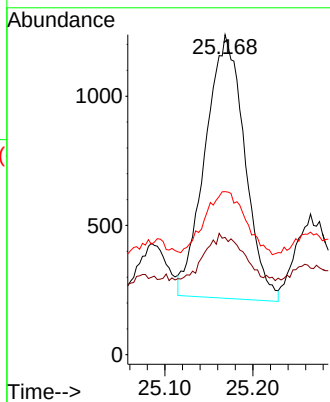
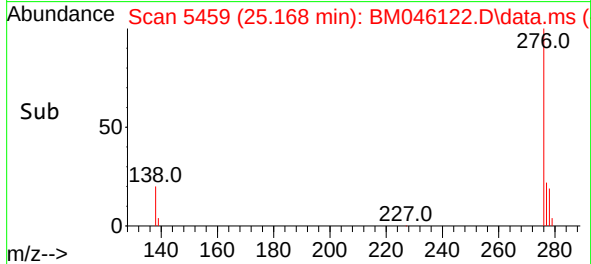
Instrument :
BNA_M
ClientSampleId :
A4BL8



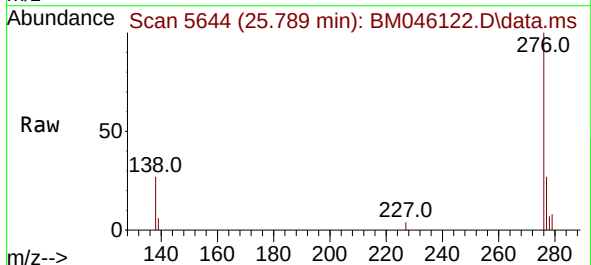
Tgt Ion:278 Resp: 3168
Ion Ratio Lower Upper
278 100
139 36.7 17.6 26.4
279 51.0 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 25.789 min Scan# 5644
Delta R.T. -0.041 min
Lab File: BM046122.D
Acq: 20 Jun 2024 14:30



Tgt Ion:276 Resp: 14411
Ion Ratio Lower Upper
276 100
138 27.0 21.7 32.5
277 26.9 20.4 30.6

