

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046147.D
 Acq On : 21 Jun 2024 06:18
 Operator : MA/JU
 Sample : P2710-16DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN0DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 07:09:13 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	2983	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.227	136	8234	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.081	164	4710	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.825	188	9431	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240	7859	0.400	ng/ul	-0.02
23) Perylene-d12	23.109	264	9204m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	3633	0.888	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.860	152	688	0.062	ng/ul	0.00
18) Fluoranthene-d10	18.853	212	1616	0.069	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.277	128	481	0.021	ng/ul#	49
10) Acenaphthylene	13.799	152	1468	0.066	ng/ul#	84
11) Acenaphthene	14.141	153	631	0.039	ng/ul#	90
12) Fluorene	15.136	166	829	0.048	ng/ul#	96
15) Phenanthrene	16.863	178	18174	0.686	ng/ul	97
16) Anthracene	16.960	178	3879	0.197	ng/ul#	94
19) Fluoranthene	18.881	202	51354	1.509	ng/ul	98
20) Pyrene	19.244	202	36220	0.984	ng/ul	96
21) Benzo(a)anthracene	21.003	228	20122	0.663	ng/ul	99
22) Chrysene	21.055	228	25718	0.664	ng/ul	99
24) Benzo(b)fluoranthene	22.493	252	37413m	1.128	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	15822m	0.401	ng/ul	
26) Benzo(a)pyrene	23.019	252	11986	0.390	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.162	276	13761	0.274	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.162	278	4117	0.110	ng/ul#	80
29) Benzo(g,h,i)perylene	25.789	276	2040	0.047	ng/ul#	63

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

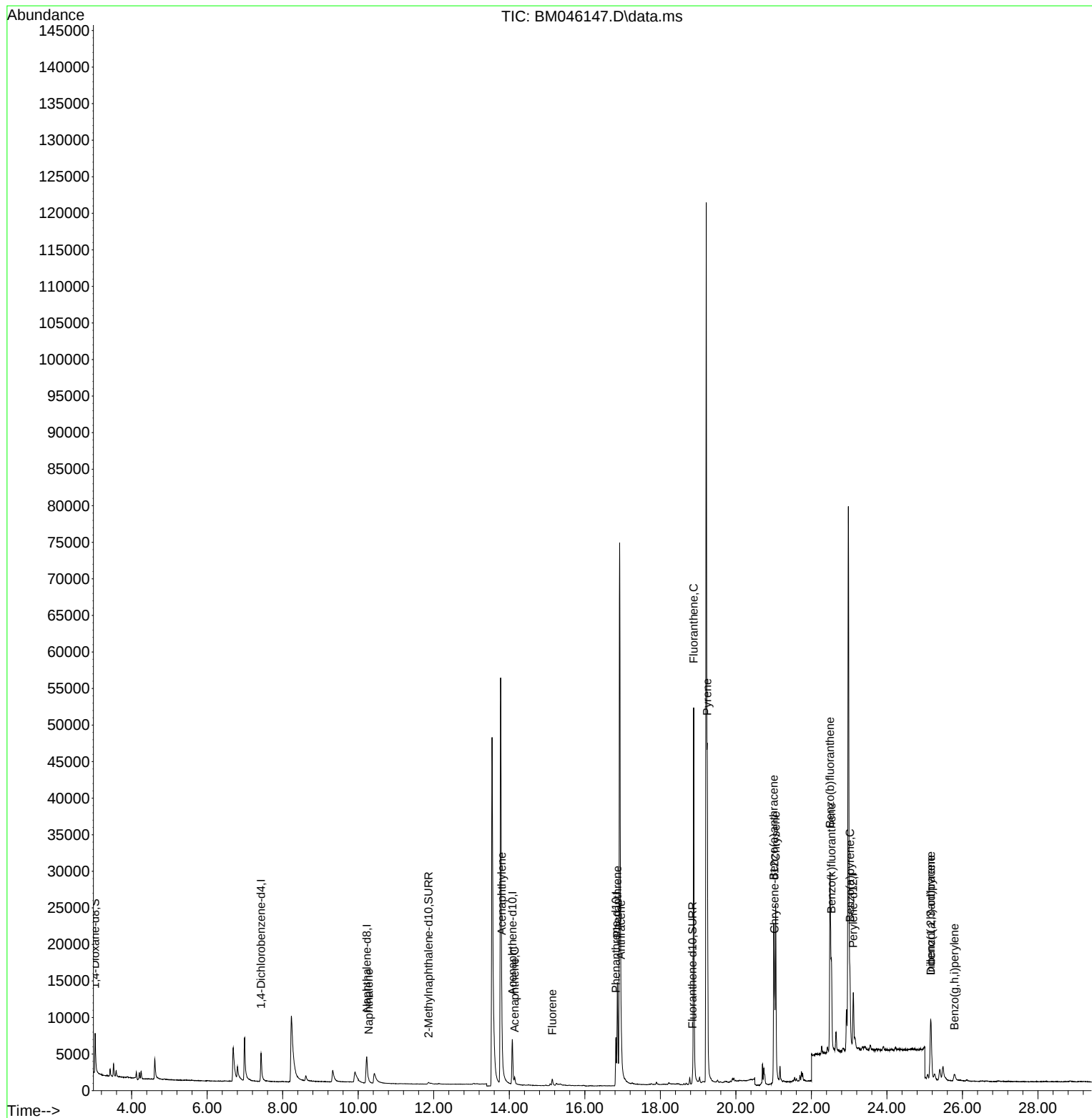
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046147.D
Acq On : 21 Jun 2024 06:18
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ALS Vial : 36 Sample Multiplier: 1

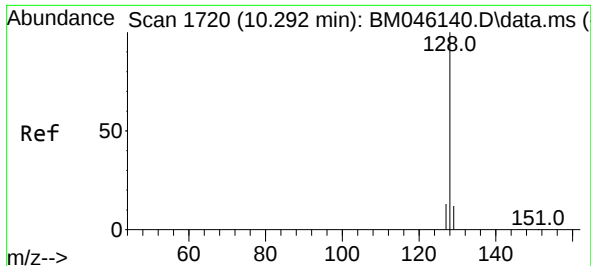
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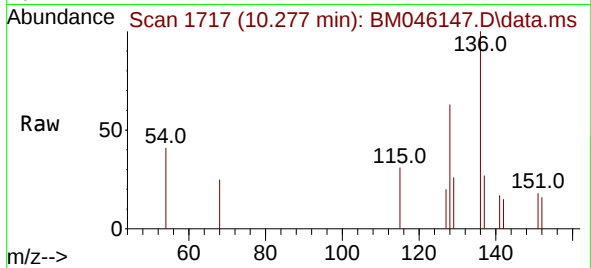
Quant Time: Jun 21 07:09:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/uI
RT: 10.277 min Scan# 1717
Delta R.T. -0.026 min
Lab File: BM046147.D
Acq: 21 Jun 2024 06:18

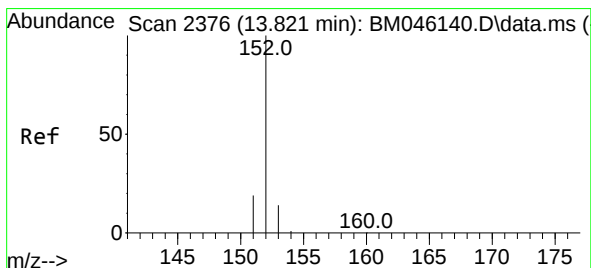
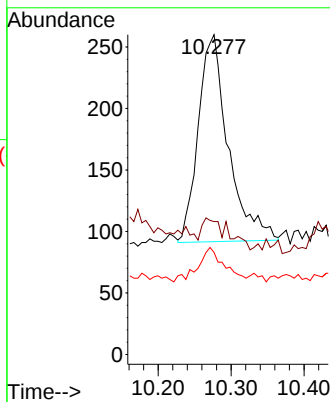
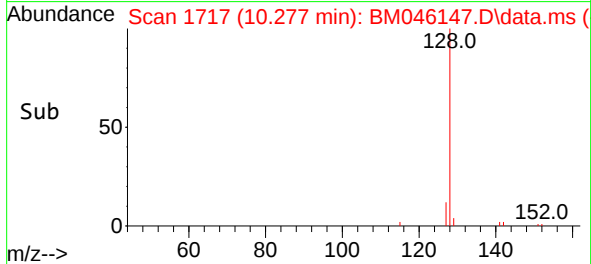
Instrument :
BNA_M
ClientSampleId :
A4BN0DL



Tgt Ion:128 Resp: 483
Ion Ratio Lower Upper
128 100
129 41.5 11.8 17.6#
127 31.9 12.8 19.2#

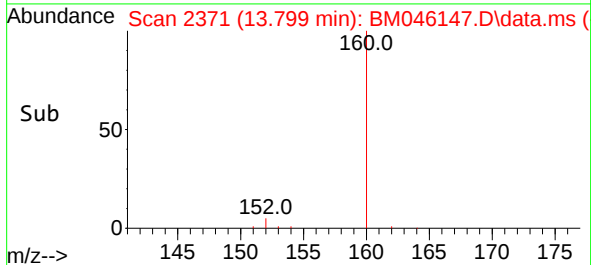
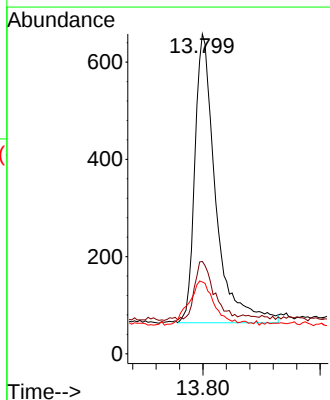
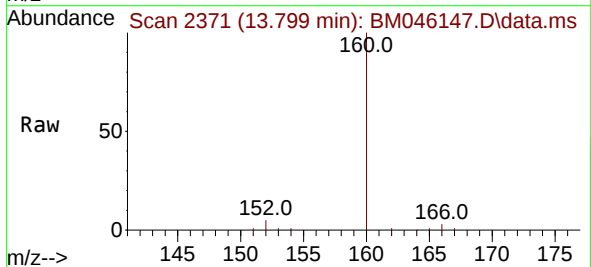
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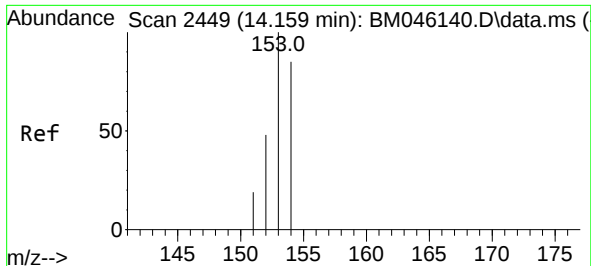
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.066 ng/uI
RT: 13.799 min Scan# 2371
Delta R.T. -0.036 min
Lab File: BM046147.D
Acq: 21 Jun 2024 06:18

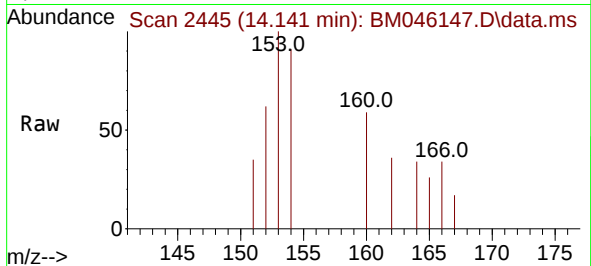
Tgt Ion:152 Resp: 1468
Ion Ratio Lower Upper
152 100
151 28.9 17.4 26.2#
153 22.5 11.8 17.8#





#11
Acenaphthene
Concen: 0.039 ng/u1
RT: 14.141 min Scan# 2445
Delta R.T. -0.031 min
Lab File: BM046147.D
Acq: 21 Jun 2024 06:18

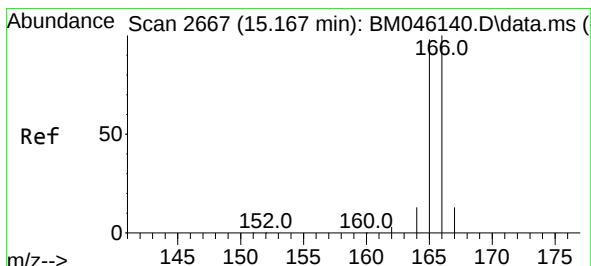
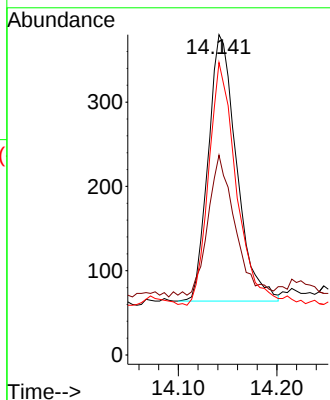
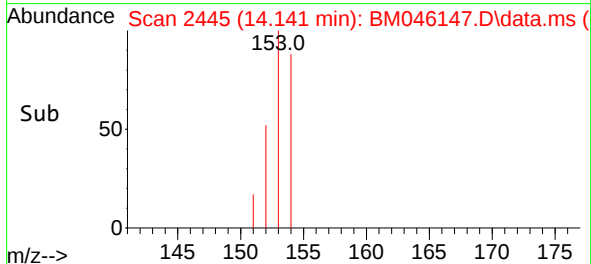
Instrument :
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ClientSampleId :
A4BN0DL



Tgt Ion:153 Resp: 63
Ion Ratio Lower Upper
153 100
152 62.4 41.3 61.9
154 91.3 68.2 102.4

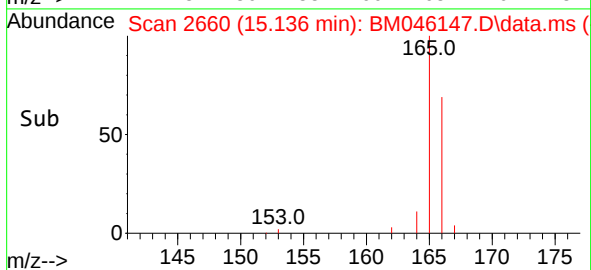
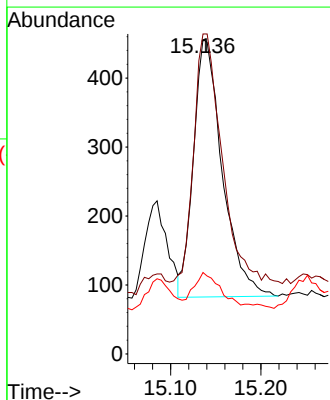
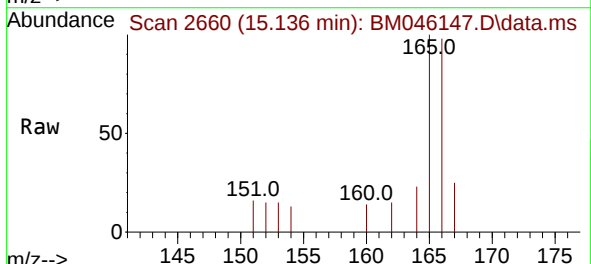
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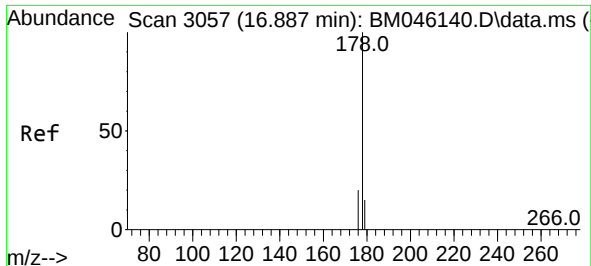
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.048 ng/u1
RT: 15.136 min Scan# 2660
Delta R.T. -0.045 min
Lab File: BM046147.D
Acq: 21 Jun 2024 06:18

Tgt Ion:166 Resp: 829
Ion Ratio Lower Upper
166 100
165 101.8 80.4 120.6
167 25.9 12.4 18.6#





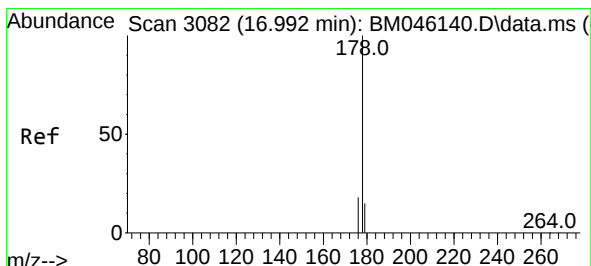
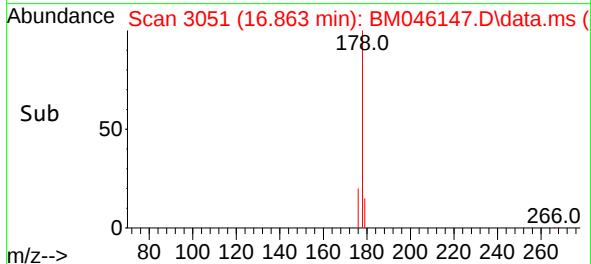
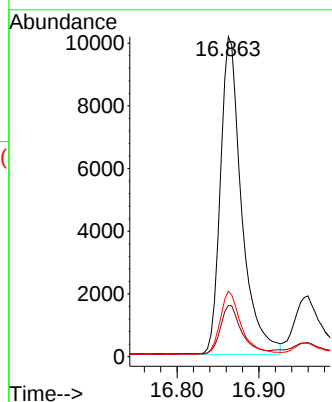
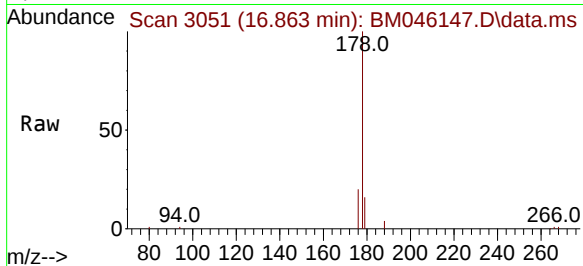
#15
Phenanthrene
Concen: 0.686 ng/uI
RT: 16.863 min Scan# 3051
Delta R.T. -0.041 min
Lab File: BM046147.D
Acq: 21 Jun 2024 06:18

Instrument :
BNA_M
ClientSampleId :
A4BN0DL

Tgt Ion:178 Resp: 18174
Ion Ratio Lower Upper
178 100
179 16.0 14.2 21.2
176 20.5 17.1 25.7

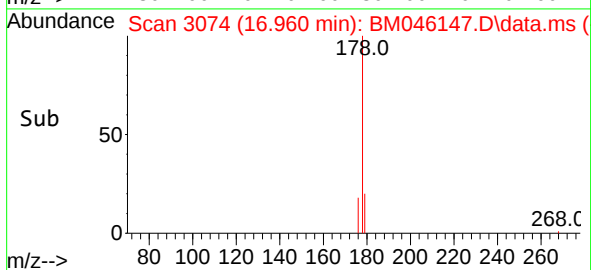
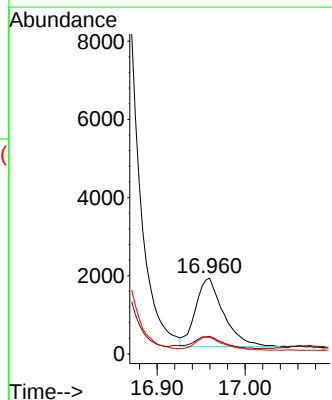
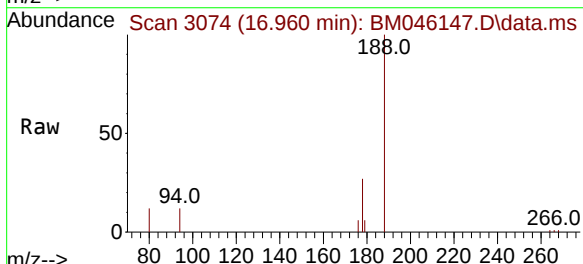
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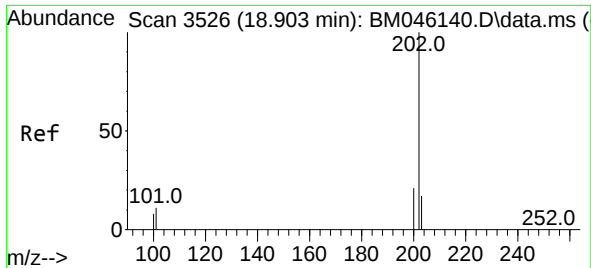
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 0.197 ng/uI
RT: 16.960 min Scan# 3074
Delta R.T. -0.045 min
Lab File: BM046147.D
Acq: 21 Jun 2024 06:18

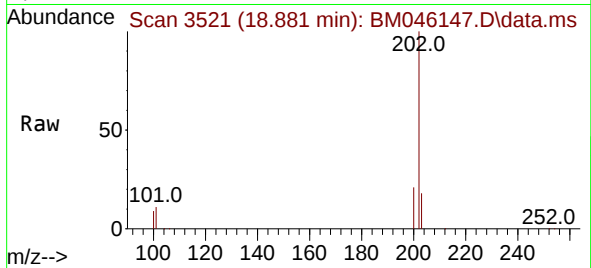
Tgt Ion:178 Resp: 3879
Ion Ratio Lower Upper
178 100
179 23.1 14.9 22.3#
176 22.0 17.0 25.4





#19
Fluoranthene
Concen: 1.509 ng/u1
RT: 18.881 min Scan# 31
Delta R.T. -0.036 min
Lab File: BM046147.D
Acq: 21 Jun 2024 06:18

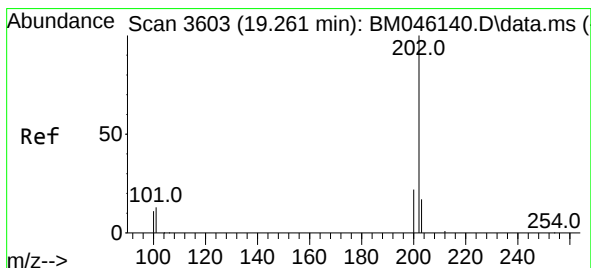
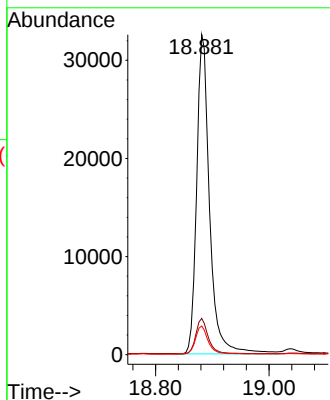
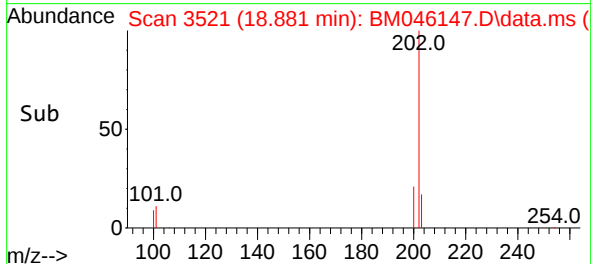
Instrument :
BNA_M
ClientSampleId :
A4BN0DL



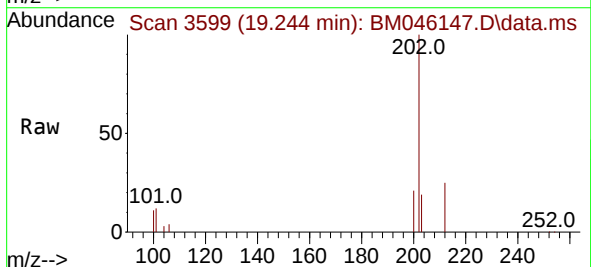
Tgt Ion:202 Resp: 51354
Ion Ratio Lower Upper
202 100
101 11.3 9.6 14.4
100 8.9 7.6 11.4

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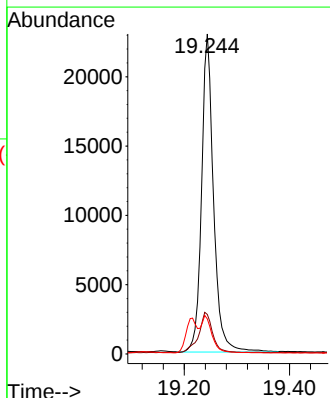
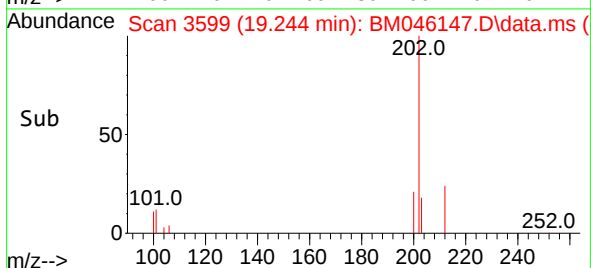
Reviewed By :Jagrut Upadhyay 06/21/2024
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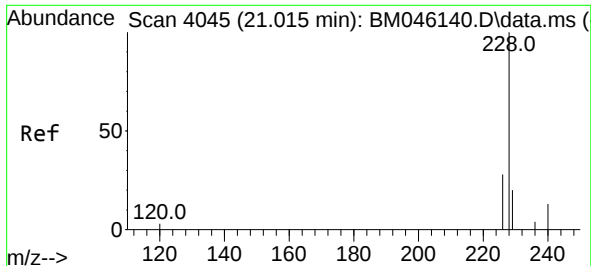


#20
Pyrene
Concen: 0.984 ng/u1
RT: 19.244 min Scan# 3599
Delta R.T. -0.031 min
Lab File: BM046147.D
Acq: 21 Jun 2024 06:18



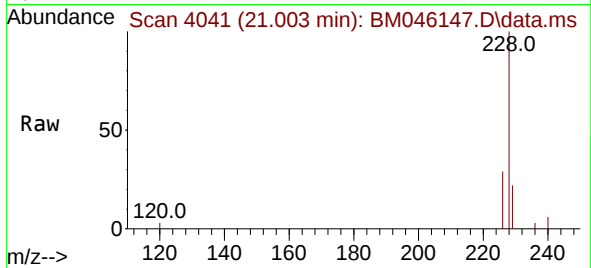
Tgt Ion:202 Resp: 36220
Ion Ratio Lower Upper
202 100
101 12.4 11.3 16.9
100 10.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.663 ng/u1
RT: 21.003 min Scan# 4041
Delta R.T. -0.027 min
Lab File: BM046147.D
Acq: 21 Jun 2024 06:18

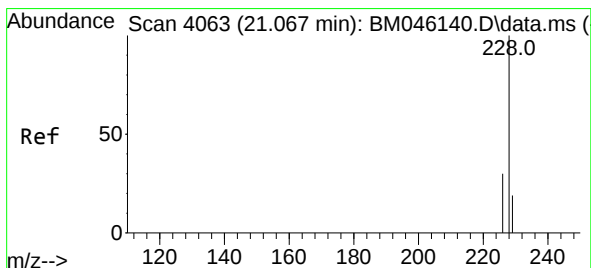
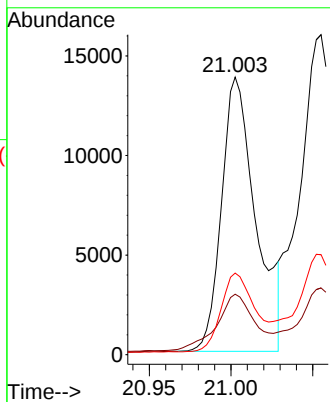
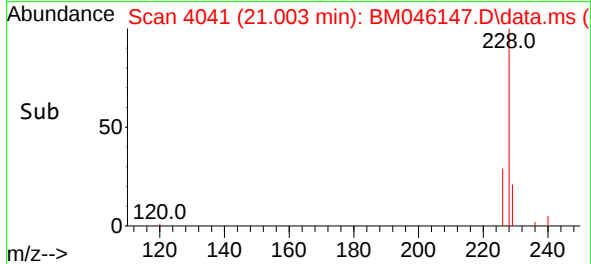
Instrument :
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Tgt Ion:228 Resp: 2012
Ion Ratio Lower Upper
228 100
229 21.8 16.4 24.6
226 29.4 23.4 35.2

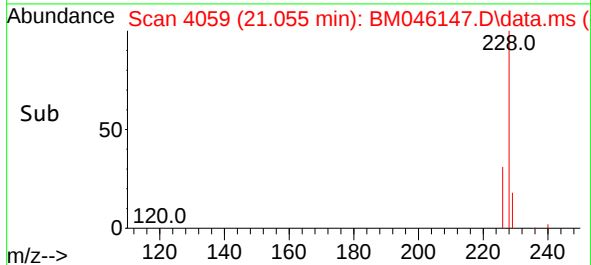
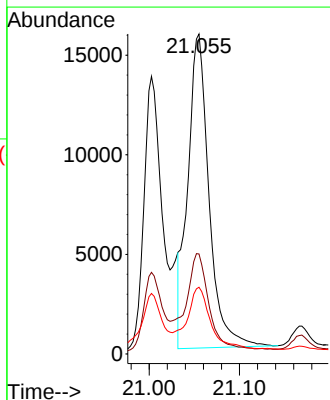
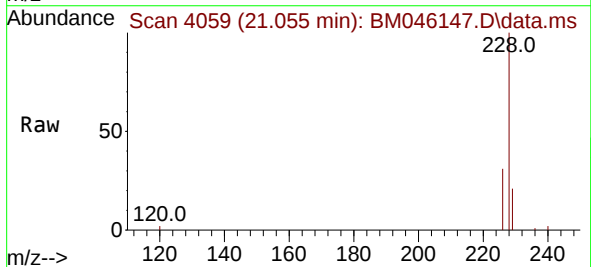
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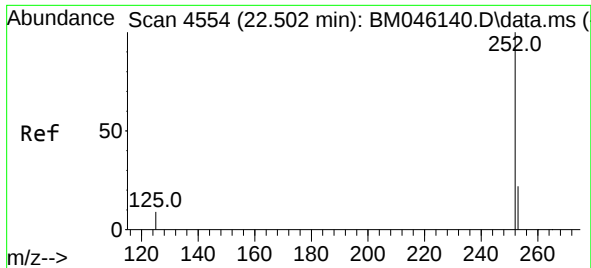
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 0.664 ng/u1
RT: 21.055 min Scan# 4059
Delta R.T. -0.021 min
Lab File: BM046147.D
Acq: 21 Jun 2024 06:18

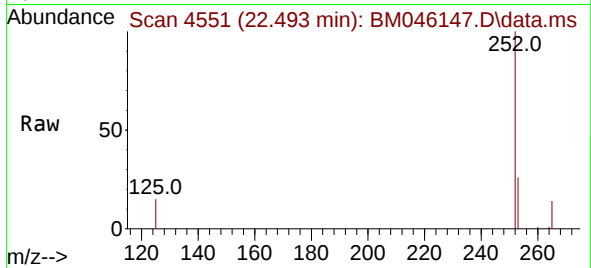
Tgt Ion:228 Resp: 25718
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 20.8 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.128 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.027 min
Lab File: BM046147.D
Acq: 21 Jun 2024 06:18

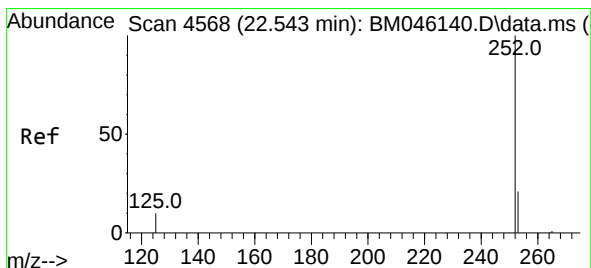
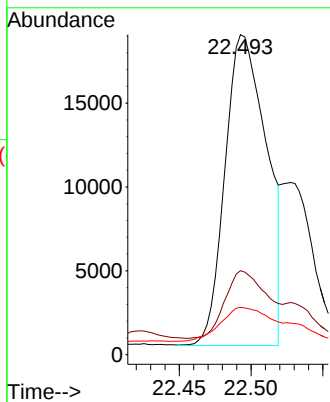
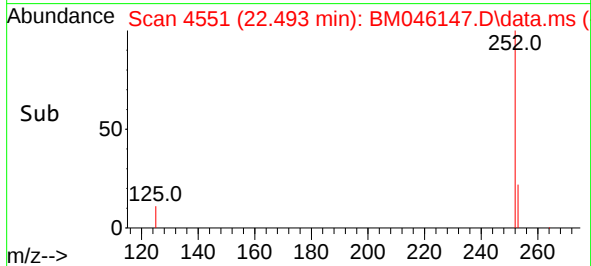
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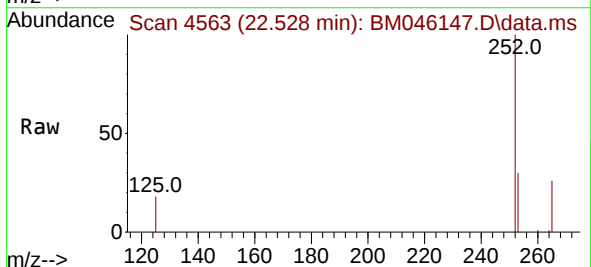
Tgt Ion:252 Resp: 3741
Ion Ratio Lower Upper
252 100
253 26.2 0.0 65.8
125 14.8 0.0 40.2

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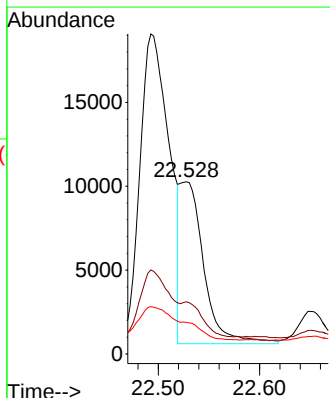
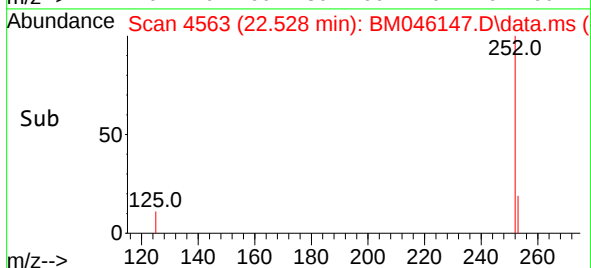
Reviewed By :Jagrut Upadhyay 06/21/2024
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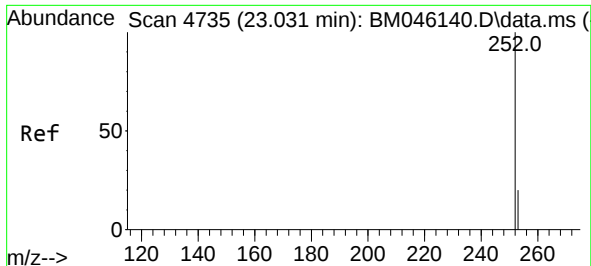


#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.036 min
Lab File: BM046147.D
Acq: 21 Jun 2024 06:18



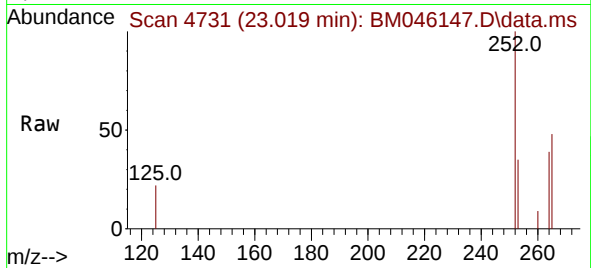
Tgt Ion:252 Resp: 15822
Ion Ratio Lower Upper
252 100
253 30.3 27.2 40.8
125 18.4 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.019 min Scan# 41
Delta R.T. -0.036 min
Lab File: BM046147.D
Acq: 21 Jun 2024 06:18

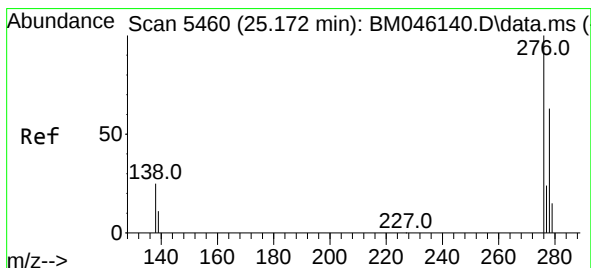
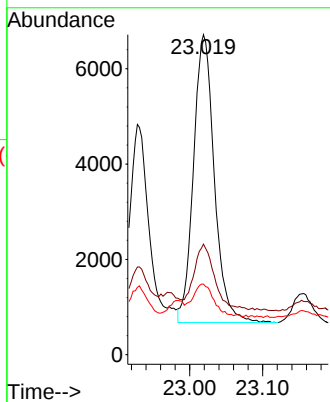
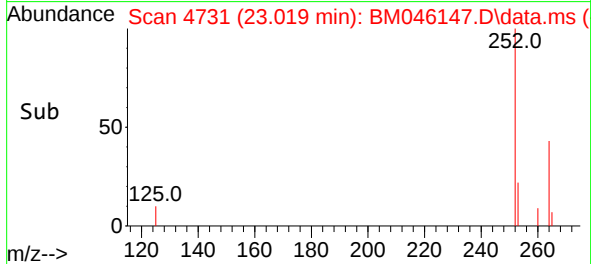
Instrument :
BNA_M
ClientSampleId :
A4BN0DL



Tgt Ion:252 Resp: 11980
Ion Ratio Lower Upper
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125 22.1 21.2 31.8

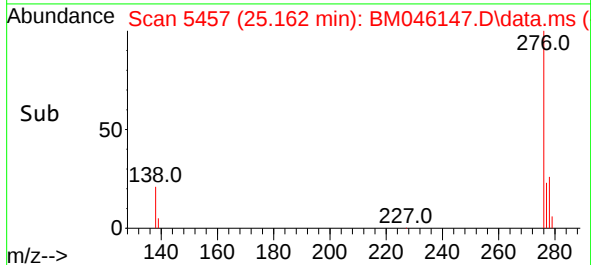
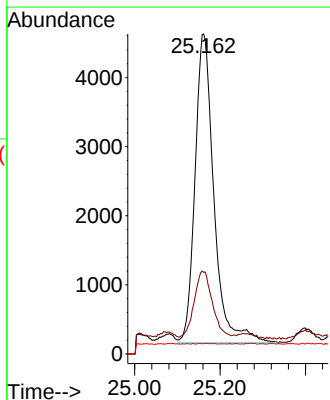
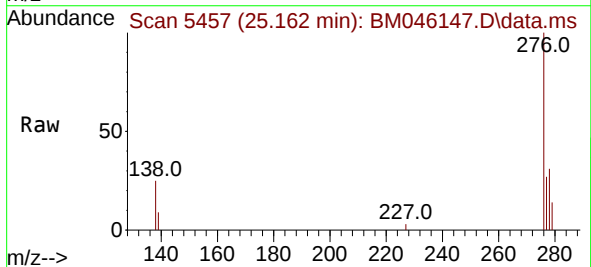
Manual Integrations
APPROVED

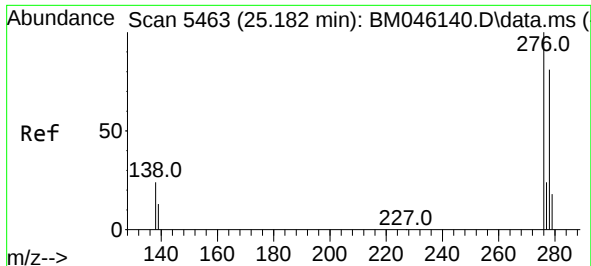
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.274 ng/ul
RT: 25.162 min Scan# 5457
Delta R.T. -0.041 min
Lab File: BM046147.D
Acq: 21 Jun 2024 06:18

Tgt Ion:276 Resp: 13761
Ion Ratio Lower Upper
276 100
138 21.1 21.0 31.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.110 ng/ul

RT: 25.162 min Scan# 54

Delta R.T. -0.054 min

Lab File: BM046147.D

Acq: 21 Jun 2024 06:18

Instrument :

BNA_M

ClientSampleId :

A4BN0DL

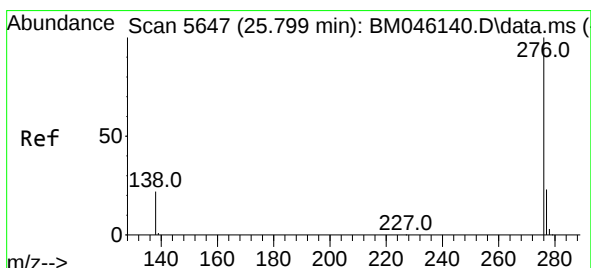
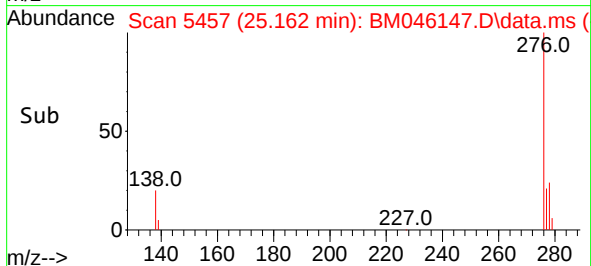
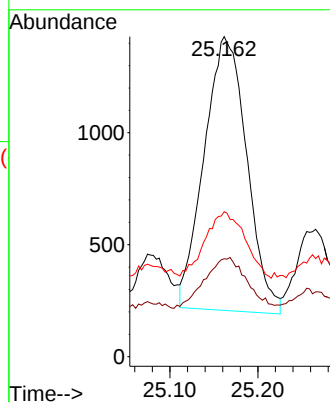
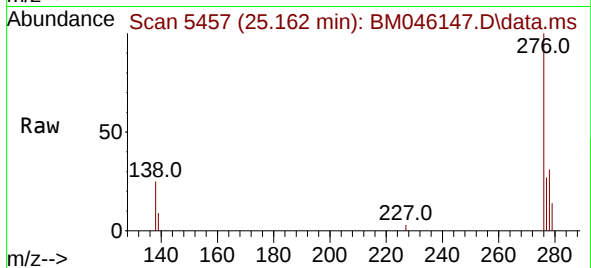
Tgt Ion: 278 Resp: 411

Ion	Ratio	Lower	Upper
278	100		
139	30.6	17.6	26.4
279	45.3	26.3	39.5

Manual Integrations

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#29

Benzo(g,h,i)perylene

Concen: 0.047 ng/ul

RT: 25.789 min Scan# 5644

Delta R.T. -0.041 min

Lab File: BM046147.D

Acq: 21 Jun 2024 06:18

Tgt Ion: 276 Resp: 2040

Ion	Ratio	Lower	Upper
276	100		
138	48.8	21.7	32.5
277	41.4	20.4	30.6

