

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041502.D
 Acq On : 25 Aug 2023 20:21
 Operator : MA/JU
 Sample : 04037-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023

Quant Time: Aug 26 00:18:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 24 18:34:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10819	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	28233	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	13545	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.510	188	24631	0.400	ng/ul	0.00
17) Chrysene-d12	21.699	240	13085	0.400	ng/ul	0.00
23) Perylene-d12	24.272	264	15987	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	130046	9.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	16277	0.437	ng/ul	0.00
18) Fluoranthene-d10	19.533	212	22568	0.391	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.999	128	34653	0.412	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	299649	5.929	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	164523	3.201	ng/ul	100
11) Acenaphthene	14.819	153	5291	0.093	ng/ul	98
15) Phenanthrene	17.552	178	246958	2.731	ng/ul	100
16) Anthracene	17.645	178	2984m	0.036	ng/ul	
19) Fluoranthene	19.561	202	96207	0.801	ng/ul	99
20) Pyrene	19.928	202	50599m	0.418	ng/ul	
21) Benzo(a)anthracene	21.682	228	20101	0.236	ng/ul#	87
22) Chrysene	21.737	228	33207	0.361	ng/ul#	92
24) Benzo(b)fluoranthene	23.474	252	59362	0.542	ng/ul	85
25) Benzo(k)fluoranthene	23.523	252	21410m	0.195	ng/ul	
26) Benzo(a)pyrene	24.158	252	37410	0.416	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.988	276	45901	0.408	ng/ul#	88
28) Dibenzo(a,h)anthracene	27.018	278	10000	0.116	ng/ul#	49
29) Benzo(g,h,i)perylene	27.833	276	49855	0.504	ng/ul	97

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

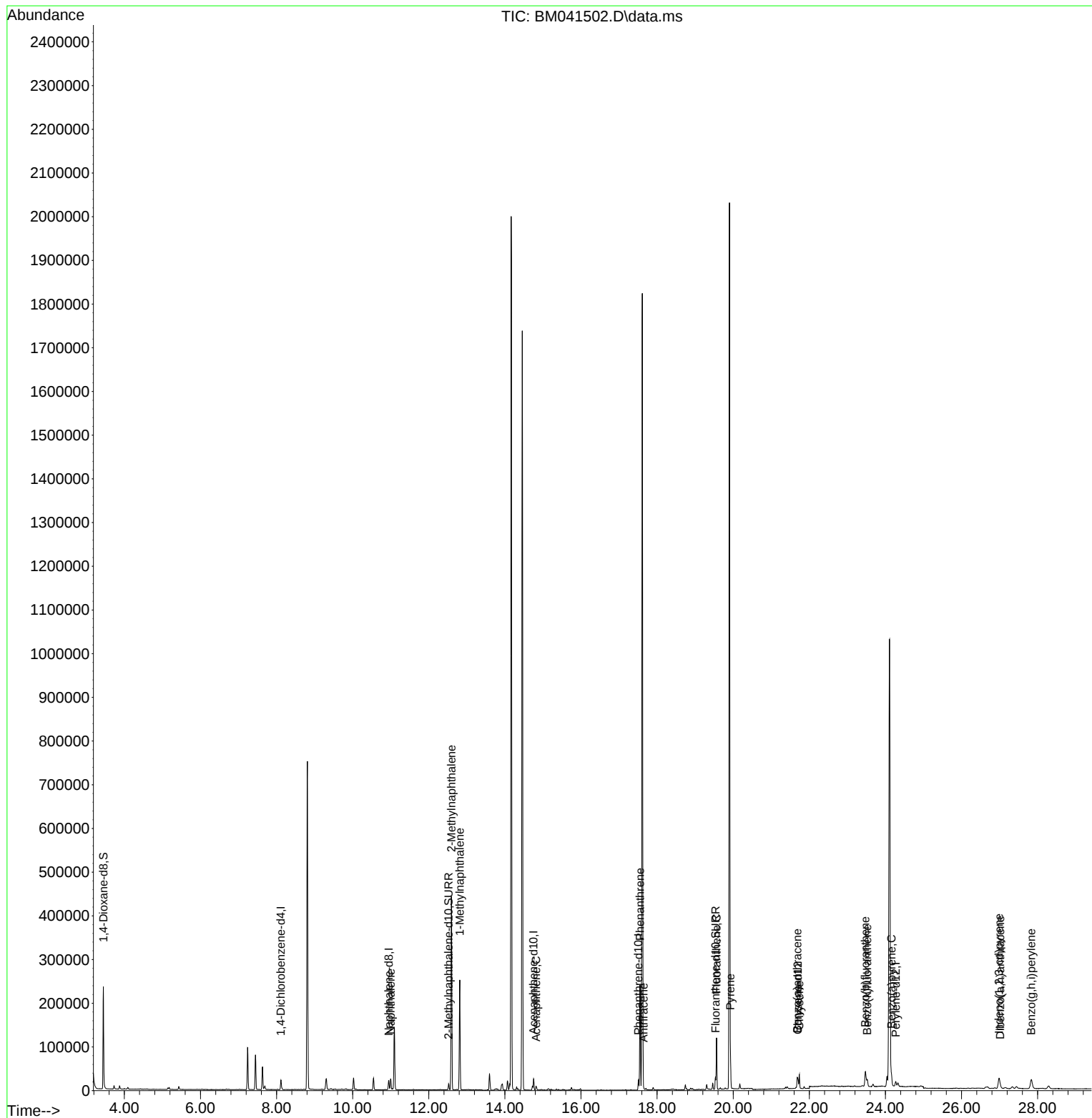
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041502.D
Acq On : 25 Aug 2023 20:21
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Sample : 04037-03
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ALS Vial : 40 Sample Multiplier: 1

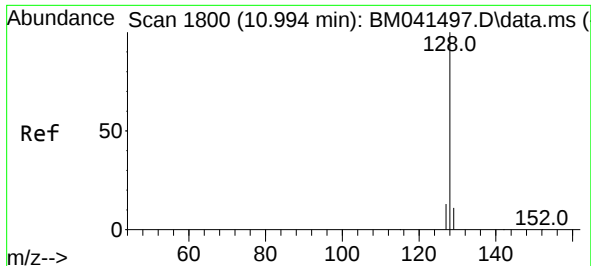
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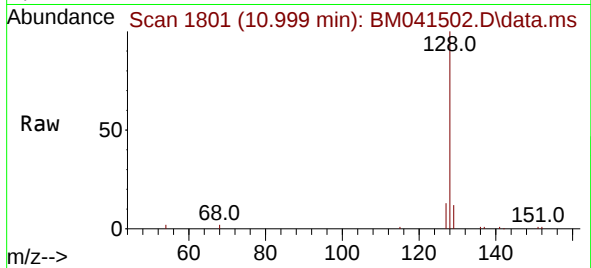
Quant Time: Aug 26 00:18:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

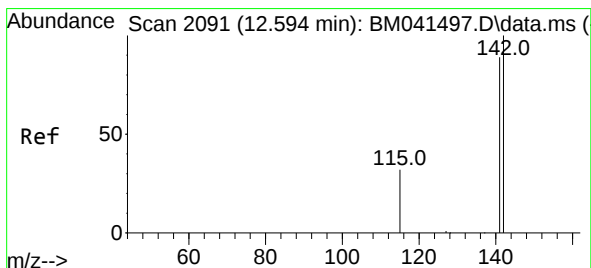
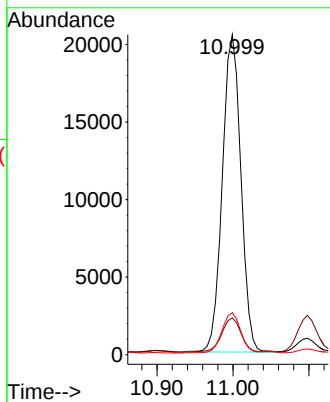
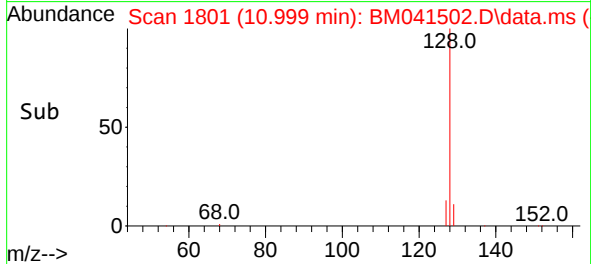
Instrument :
BNA_M
ClientSampleId :
EZYJ8



Tgt Ion:128 Resp: 3465
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.2 10.6 15.8

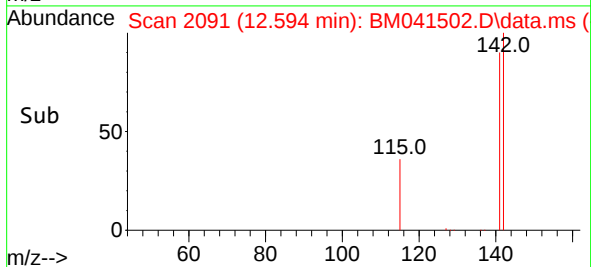
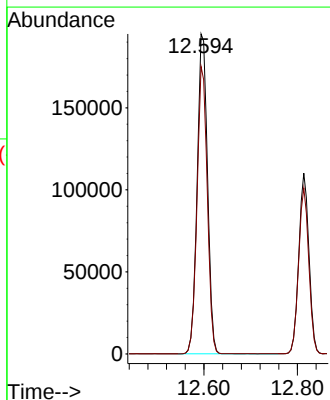
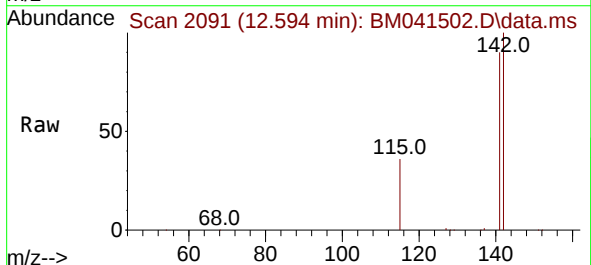
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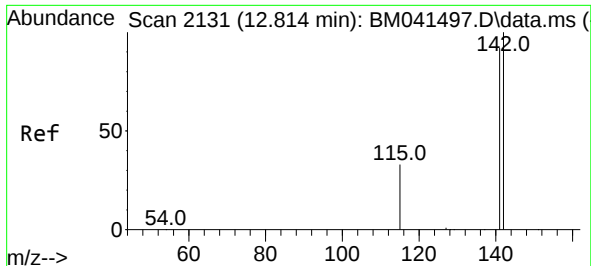
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#7
2-Methylnaphthalene
Concen: 5.929 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

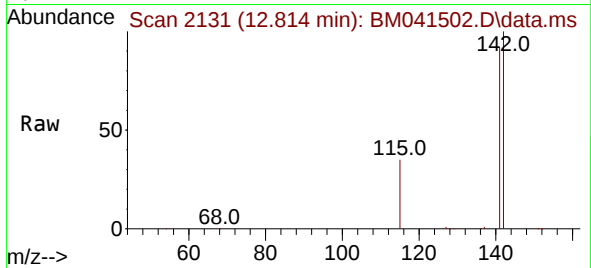
Tgt Ion:142 Resp: 299649
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7





#8
1-Methylnaphthalene
Concen: 3.201 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

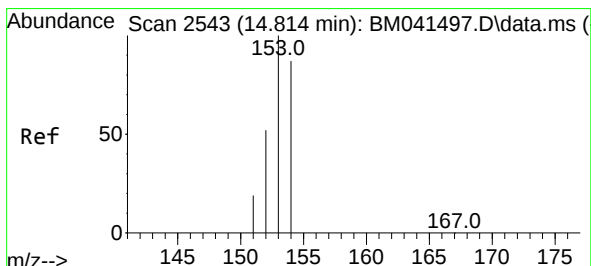
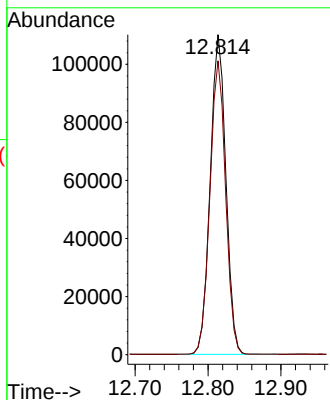
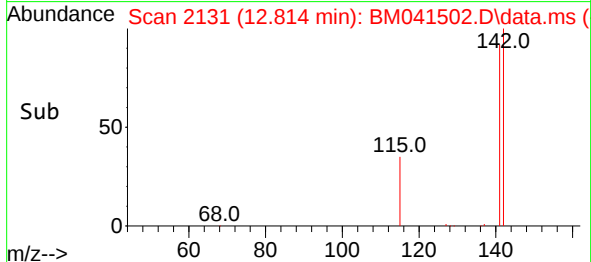
Instrument :
BNA_M
ClientSampleId :
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Ion Ratio Lower Upper
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141 91.8 73.4 110.2

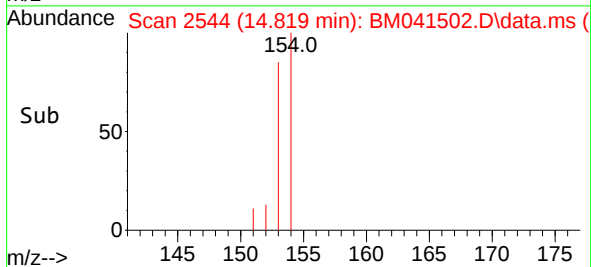
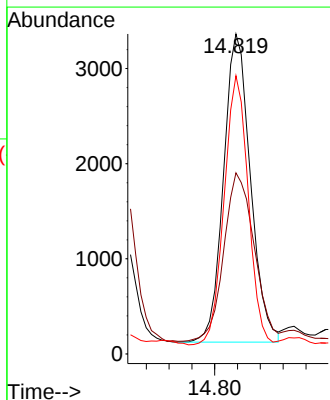
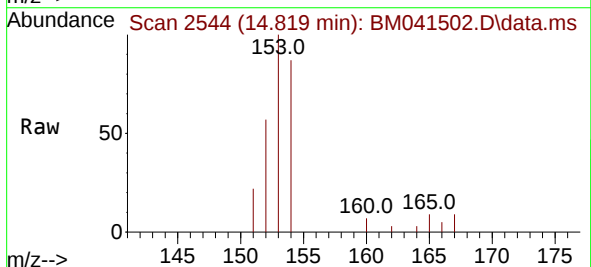
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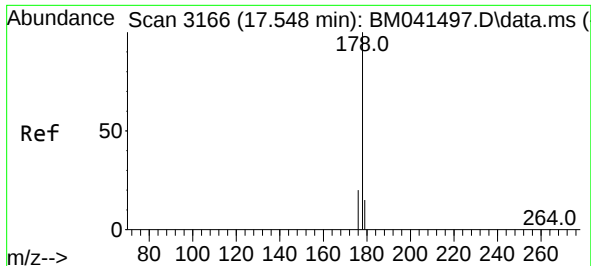
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#11
Acenaphthene
Concen: 0.093 ng/ul
RT: 14.819 min Scan# 2544
Delta R.T. -0.000 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

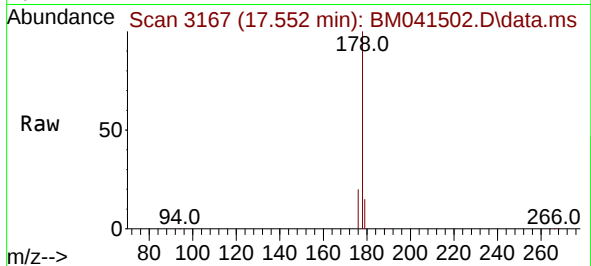
Tgt Ion:153 Resp: 5291
Ion Ratio Lower Upper
153 100
152 56.6 42.9 64.3
154 87.0 68.9 103.3





#15
Phenanthrene
Concen: 2.731 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

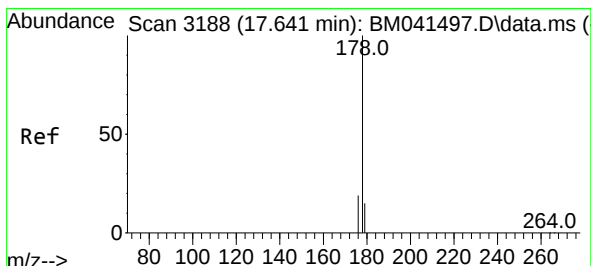
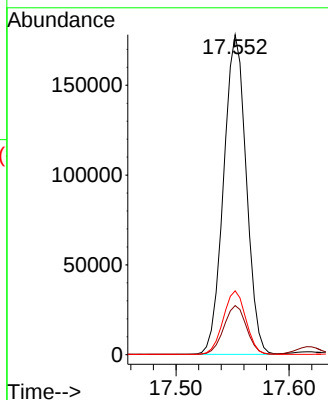
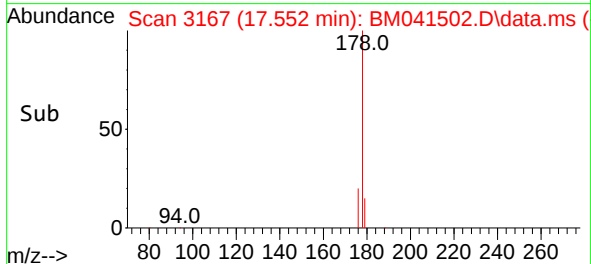
Instrument :
BNA_M
ClientSampleId :
EZYJ8



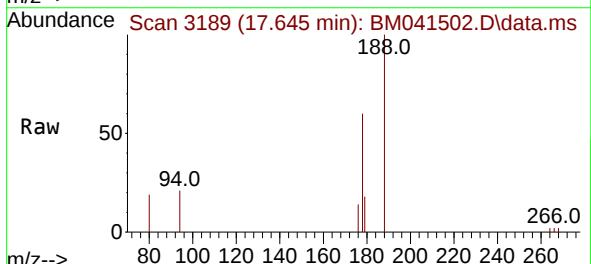
Tgt Ion:178 Resp: 246958
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 20.0 15.8 23.8

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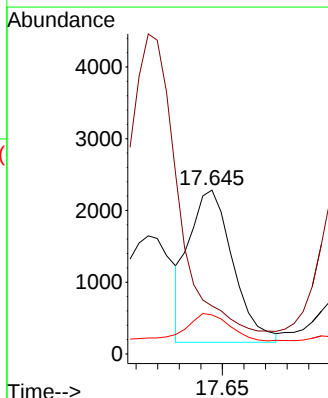
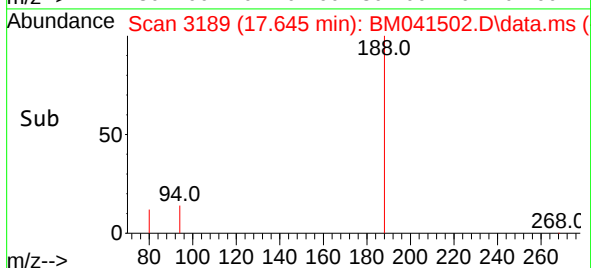
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

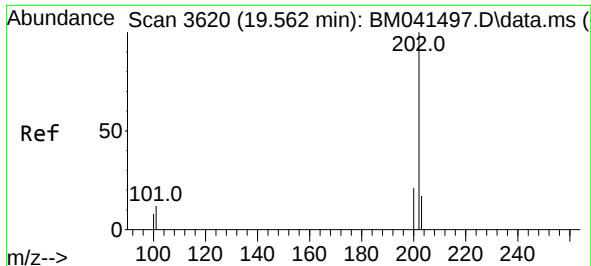


#16
Anthracene
Concen: 0.036 ng/ul m
RT: 17.645 min Scan# 3189
Delta R.T. -0.000 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21



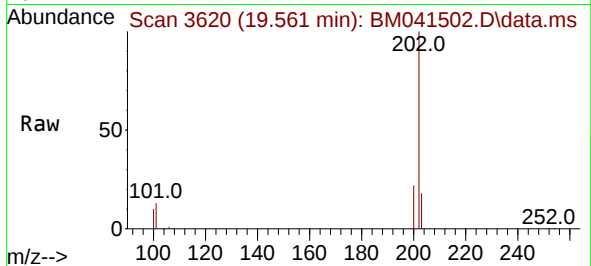
Tgt Ion:178 Resp: 2984
Ion Ratio Lower Upper
178 100
179 29.3 12.6 18.8#
176 23.8 15.5 23.3#





#19
Fluoranthene
Concen: 0.801 ng/ul
RT: 19.561 min Scan# 3620
Delta R.T. -0.005 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

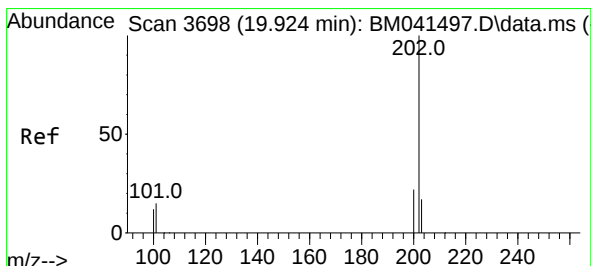
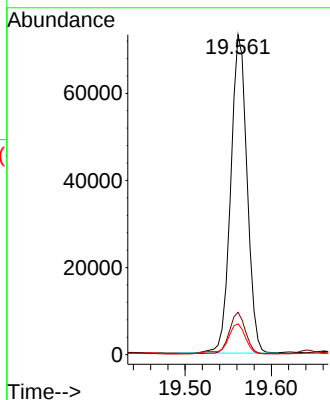
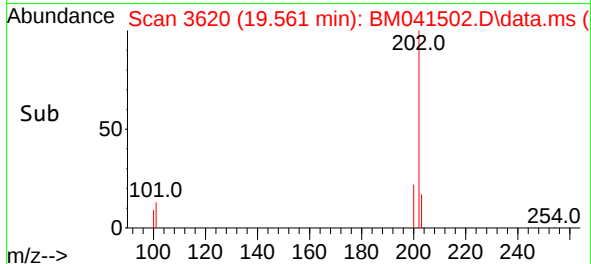
Instrument :
BNA_M
ClientSampleId :
EZYJ8



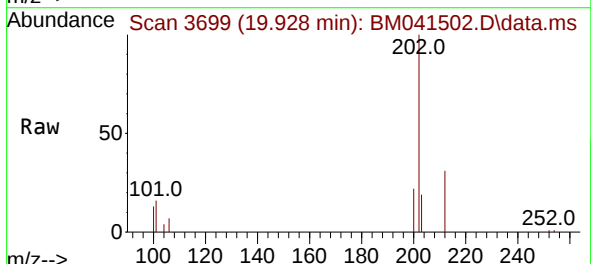
Tgt Ion:202 Resp: 9620
Ion Ratio Lower Upper
202 100
101 13.3 11.0 16.6
100 9.7 7.9 11.9

Manual Integrations
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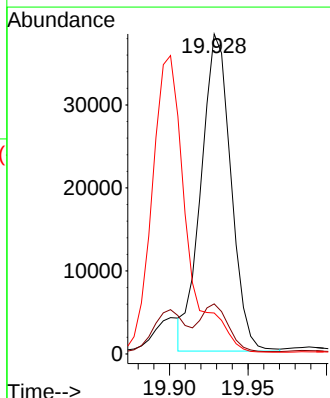
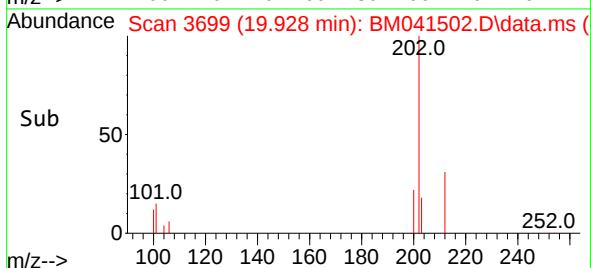
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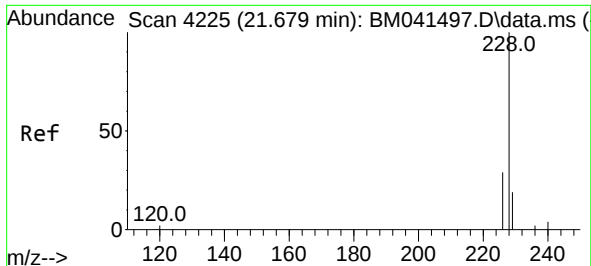


#20
Pyrene
Concen: 0.418 ng/ul m
RT: 19.928 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21



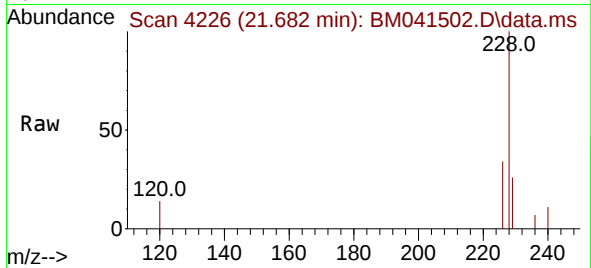
Tgt Ion:202 Resp: 50599
Ion Ratio Lower Upper
202 100
101 15.7 12.2 18.2
100 12.8 9.8 14.8





#21
Benzo(a)anthracene
Concen: 0.236 ng/u1
RT: 21.682 min Scan# 4226
Delta R.T. -0.006 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

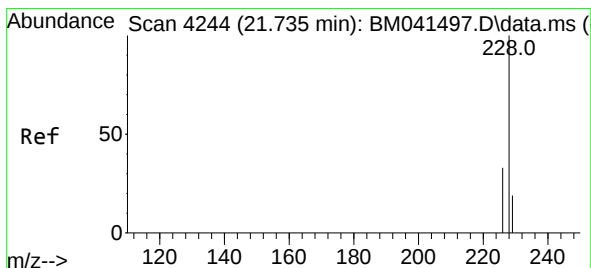
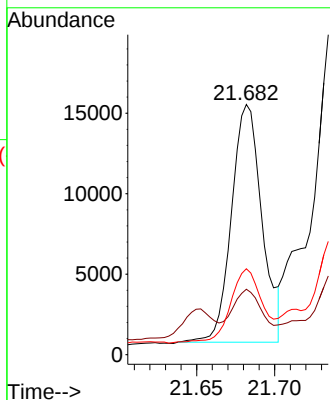
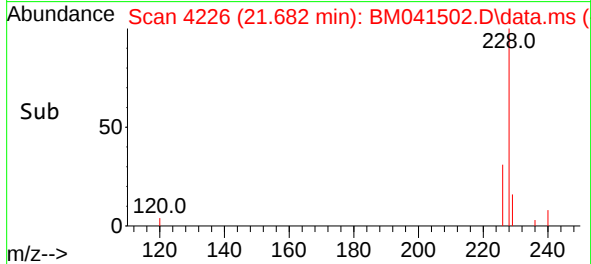
Instrument :
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ClientSampleId :
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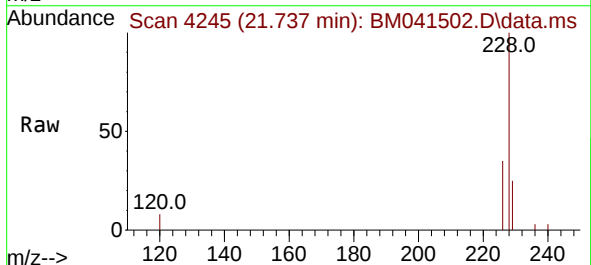
Tgt Ion:228 Resp: 2010
Ion Ratio Lower Upper
228 100
229 26.2 15.3 22.9
226 34.3 22.7 34.1

Manual Integrations
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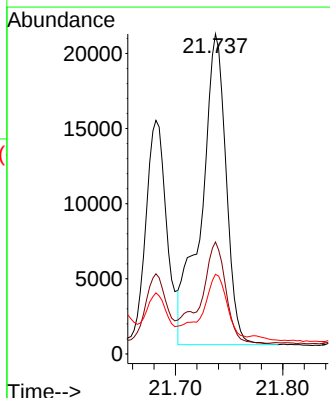
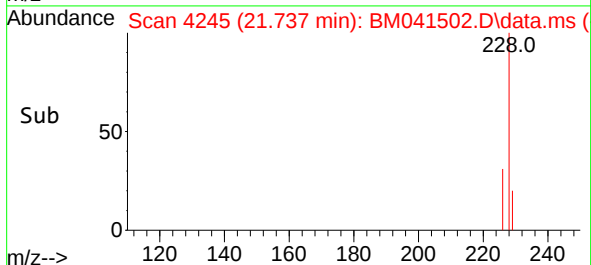
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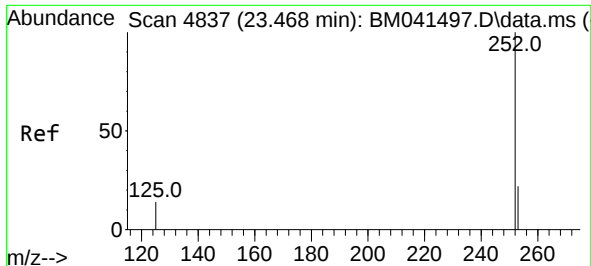


#22
Chrysene
Concen: 0.361 ng/u1
RT: 21.737 min Scan# 4245
Delta R.T. -0.006 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21



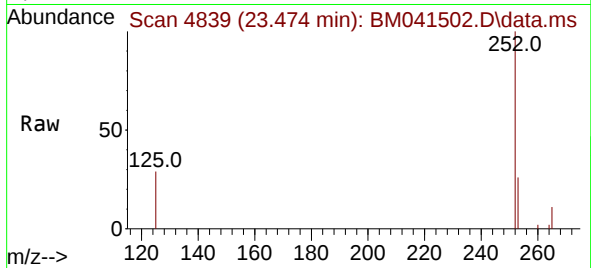
Tgt Ion:228 Resp: 33207
Ion Ratio Lower Upper
228 100
226 35.0 25.6 38.4
229 24.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.542 ng/ul
RT: 23.474 min Scan# 4839
Delta R.T. -0.009 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

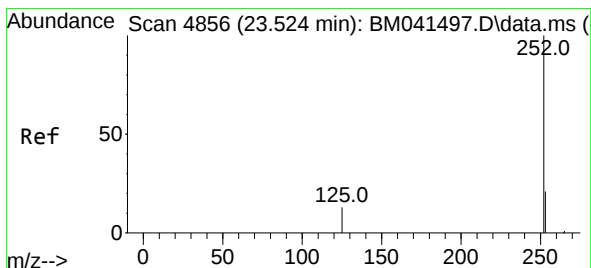
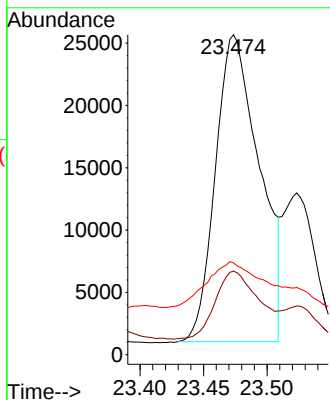
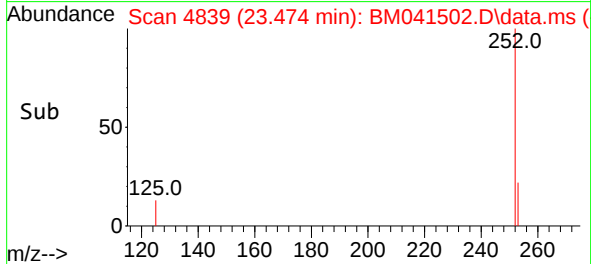
Instrument :
BNA_M
ClientSampleId :
EZYJ8



Tgt Ion:252 Resp: 5936
Ion Ratio Lower Upper
252 100
253 26.1 0.0 46.8
125 28.7 0.0 32.8

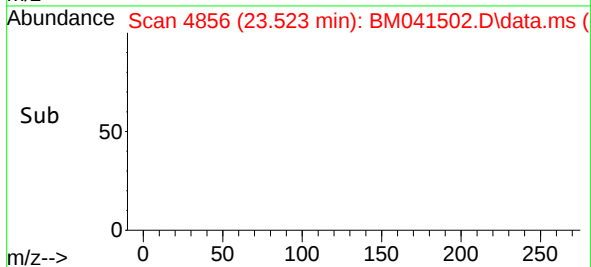
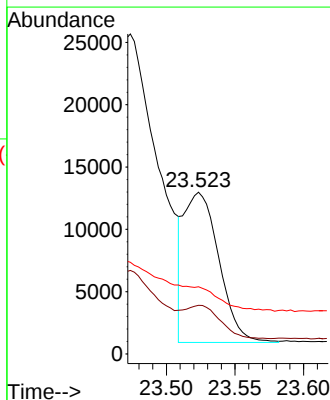
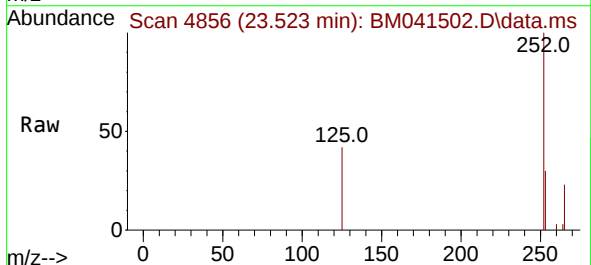
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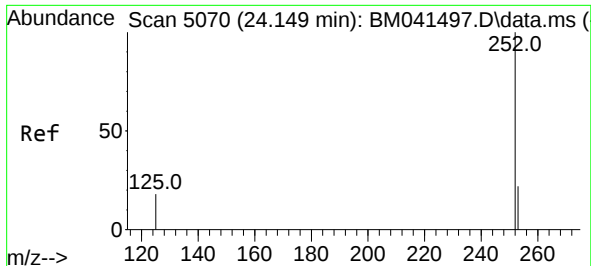
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#25
Benzo(k)fluoranthene
Concen: 0.195 ng/ul m
RT: 23.523 min Scan# 4856
Delta R.T. -0.012 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

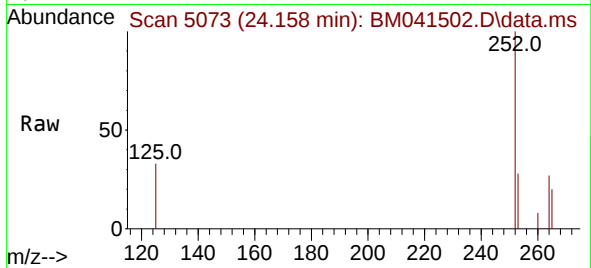
Tgt Ion:252 Resp: 21410
Ion Ratio Lower Upper
252 100
253 30.1 19.1 28.7#
125 41.5 13.4 20.0#





#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 24.158 min Scan# 5073
Delta R.T. -0.006 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21

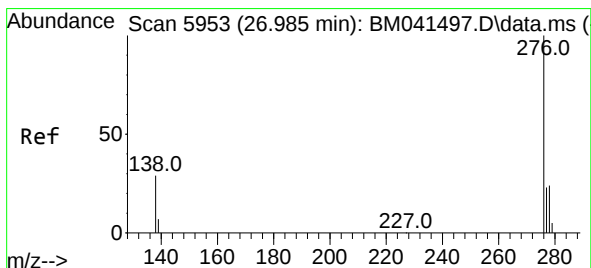
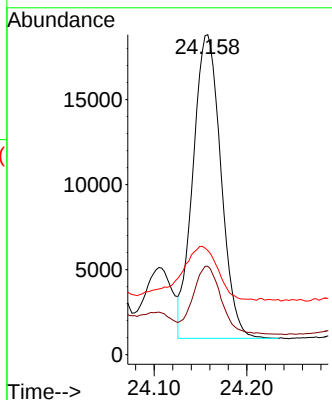
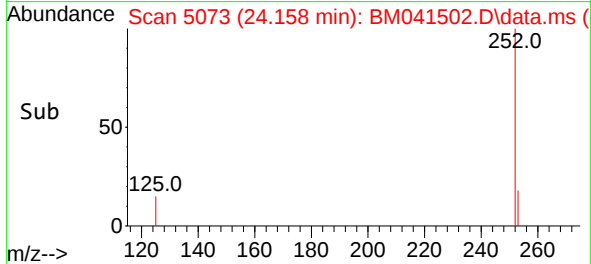
Instrument :
BNA_M
ClientSampleId :
EZYJ8



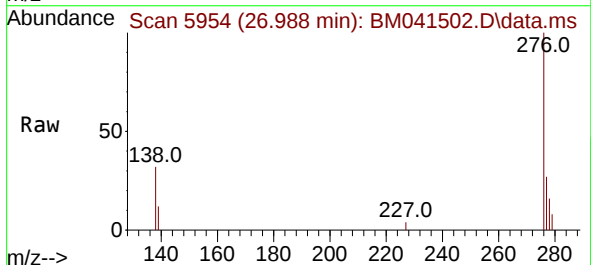
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125 32.5 16.0 24.0

Manual Integrations
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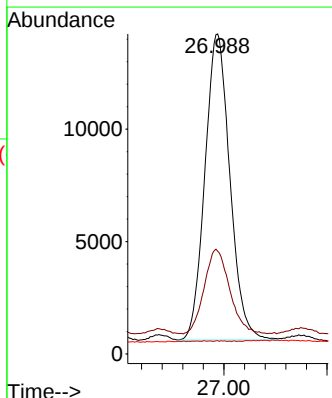
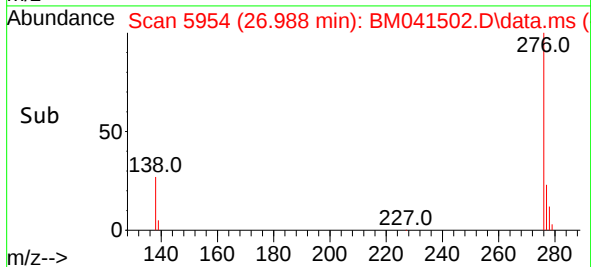
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

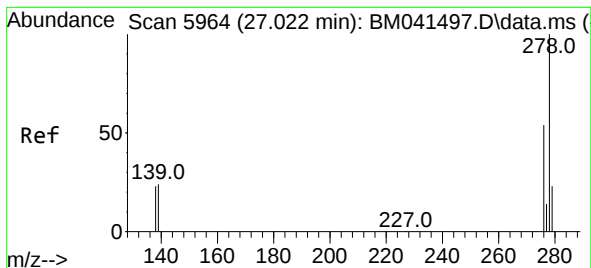


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng/ul
RT: 26.988 min Scan# 5954
Delta R.T. -0.017 min
Lab File: BM041502.D
Acq: 25 Aug 2023 20:21



Tgt Ion:276 Resp: 45901
Ion Ratio Lower Upper
276 100
138 28.0 27.8 41.6
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.116 ng/ul

RT: 27.018 min Scan# 5963

Delta R.T. -0.027 min

Lab File: BM041502.D

Acq: 25 Aug 2023 20:21

Instrument :

BNA_M

ClientSampleId :

EZYJ8

Tgt Ion:278 Resp: 10000

Ion Ratio Lower Upper

278 100

139 63.1 21.9 32.9

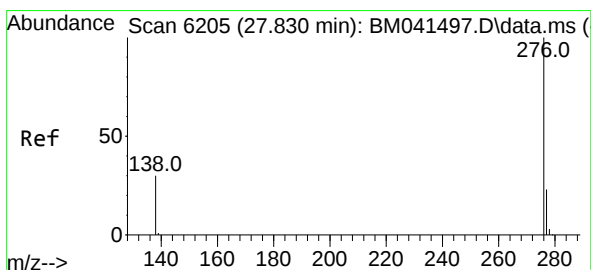
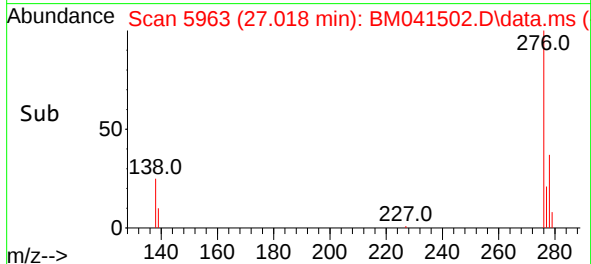
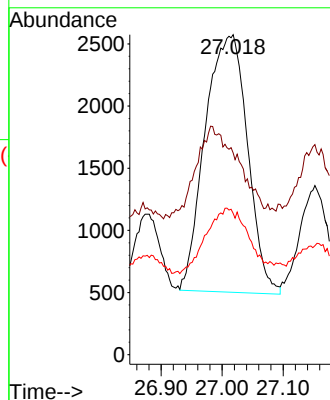
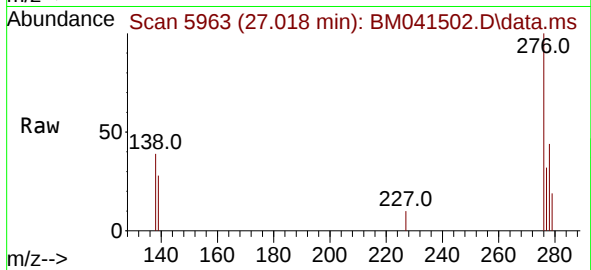
279 44.1 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023



#29

Benzo(g,h,i)perylene

Concen: 0.504 ng/ul

RT: 27.833 min Scan# 6206

Delta R.T. -0.020 min

Lab File: BM041502.D

Acq: 25 Aug 2023 20:21

Tgt Ion:276 Resp: 49855

Ion Ratio Lower Upper

276 100

138 32.7 25.9 38.9

277 26.9 19.4 29.2

