

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041696.D
 Acq On : 07 Sep 2023 15:46
 Operator : MA/JU
 Sample : 04113-16DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EYZJ2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 08 02:53:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	5648	0.400	ng/ul	0.00
4) Naphthalene-d8	10.819	136	15005	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.644	164	10257	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.397	188	13790	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.566	240	7408	0.400	ng/ul	# 0.00
23) Perylene-d12	23.998	264	8982	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	6515	0.755	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	2944	0.152	ng/ul	0.00
18) Fluoranthene-d10	19.395	212	2381	0.066	ng/ul	-0.02
Target Compounds						Qvalue
7) 2-Methylnaphthalene	12.474	142	21591	0.772	ng/ul	96
8) 1-Methylnaphthalene	12.694	142	296480	10.549	ng/ul	99
10) Acenaphthylene	14.361	152	28400	0.448	ng/ul#	1
11) Acenaphthene	14.708	153	96381	1.956	ng/ul	88
12) Fluorene	15.694	166	143496	2.596	ng/ul#	94
15) Phenanthrene	17.435	178	323273	5.552	ng/ul#	95
19) Fluoranthene	19.441	202	27412	0.314	ng/ul#	90
20) Pyrene	19.808	202	77598m	0.894	ng/ul	
21) Benzo(a)anthracene	21.548	228	6993	0.116	ng/ul#	73
22) Chrysene	21.604	228	10203m	0.157	ng/ul	
24) Benzo(b)fluoranthene	23.249	252	12051	0.150	ng/ul#	1
25) Benzo(k)fluoranthene	23.293	252	4261m	0.054	ng/ul	
26) Benzo(a)pyrene	23.890	252	7928	0.121	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.519	276	7465	0.083	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.533	278	1731	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.304	276	7386	0.093	ng/ul#	63

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

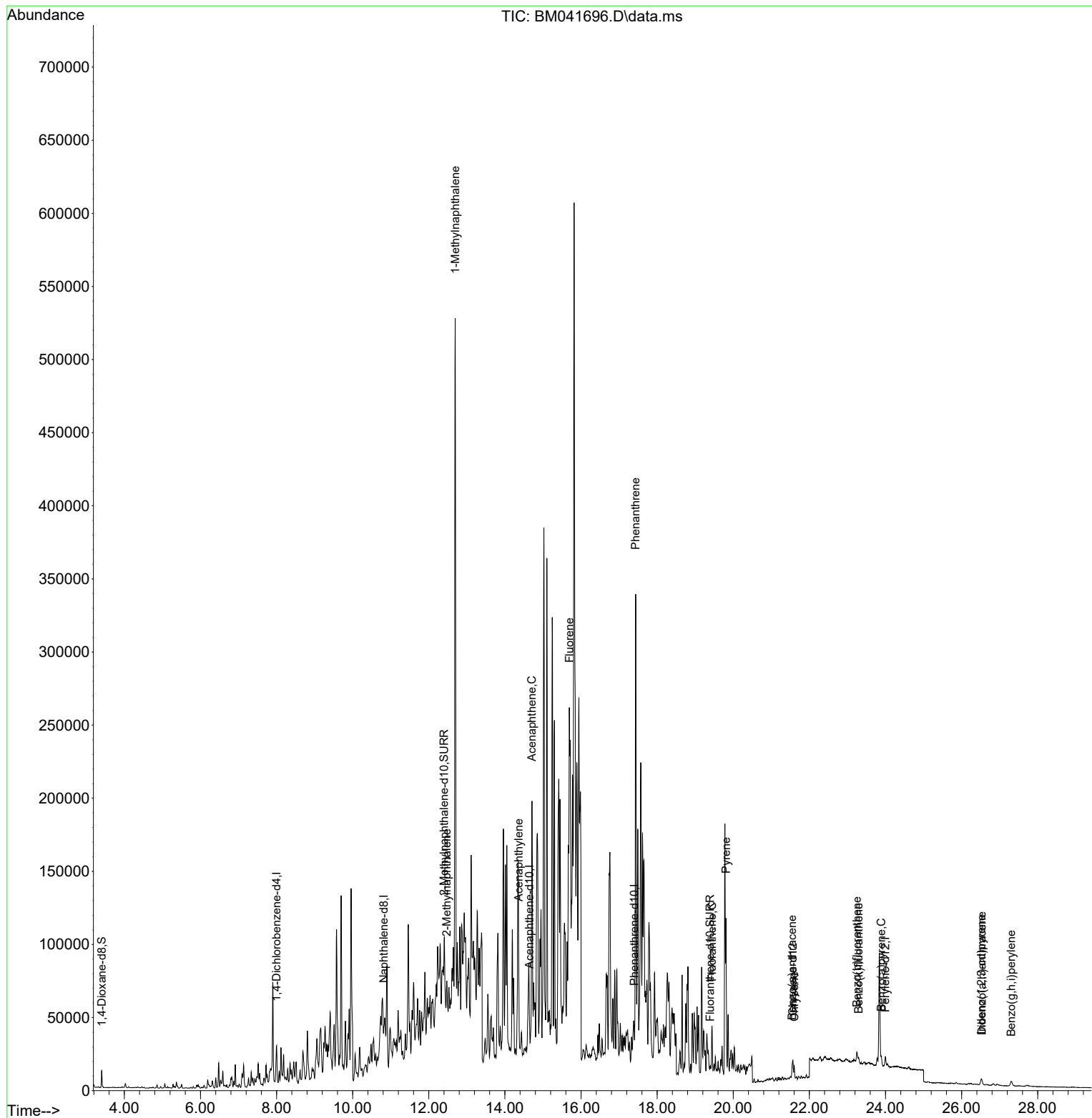
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041696.D
Acq On : 07 Sep 2023 15:46
Operator : MA/JU
Sample : 04113-16DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

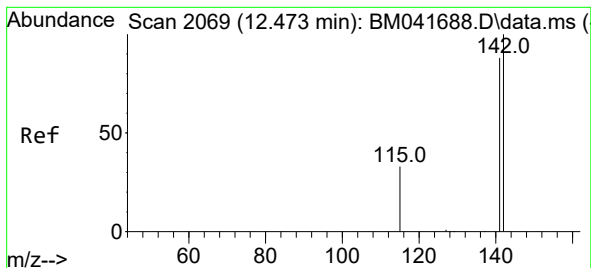
Instrument :
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EZYJ2DL

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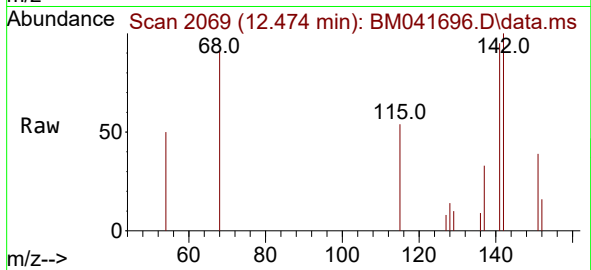
Quant Time: Sep 08 02:53:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration





#7
2-Methylnaphthalene
Concen: 0.772 ng/ul
RT: 12.474 min Scan# 2069
Delta R.T. -0.004 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

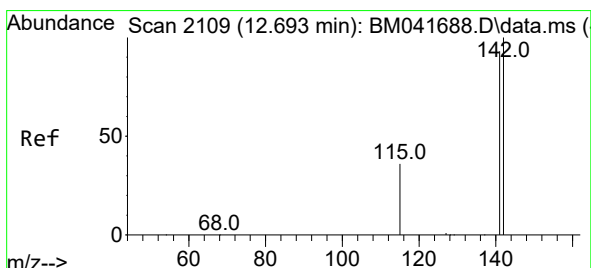
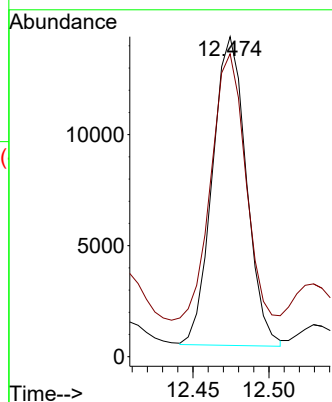
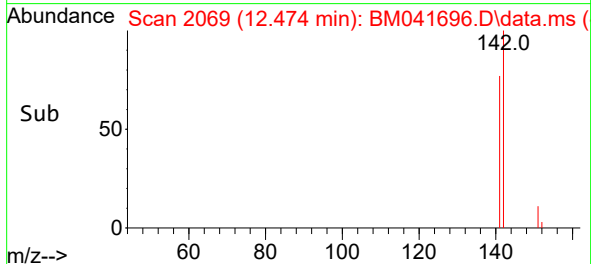
Instrument :
BNA_M
ClientSampleId :
EZYJ2DL



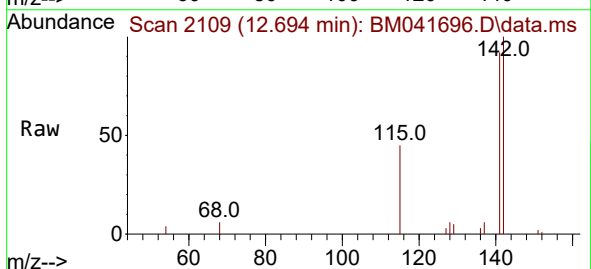
Tgt Ion:142 Resp: 2159
Ion Ratio Lower Upper
142 100
141 86.6 72.2 108.2

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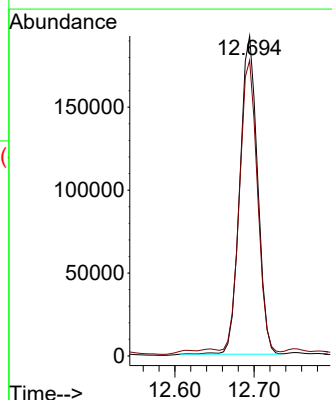
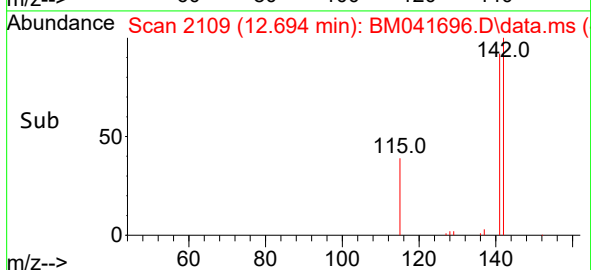
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023

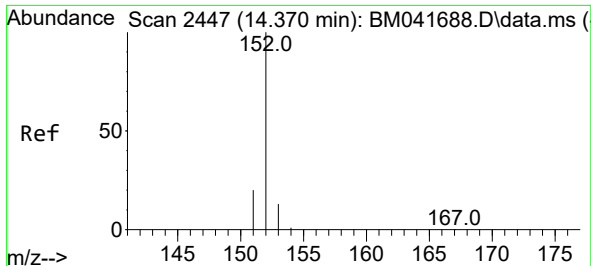


#8
1-Methylnaphthalene
Concen: 10.549 ng/ul
RT: 12.694 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46



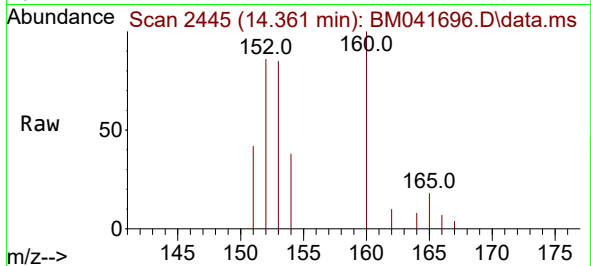
Tgt Ion:142 Resp: 296480
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6





#10
Acenaphthylene
Concen: 0.448 ng/ul
RT: 14.361 min Scan# 2445
Delta R.T. -0.013 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

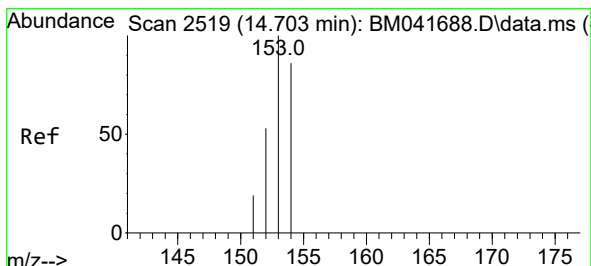
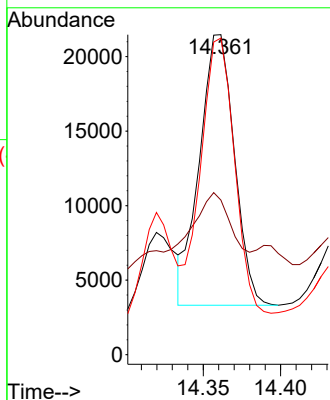
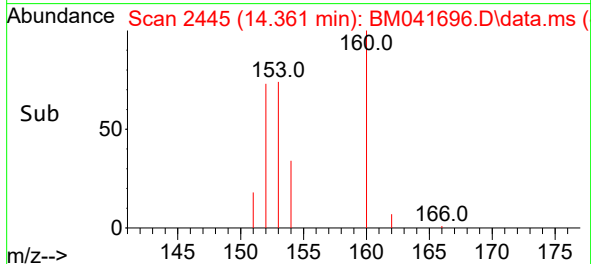
Instrument :
BNA_M
ClientSampleId :
EZYJ2DL



Tgt Ion:152 Resp: 28400
Ion Ratio Lower Upper
152 100
151 48.3 16.4 24.6
153 99.0 11.1 16.7

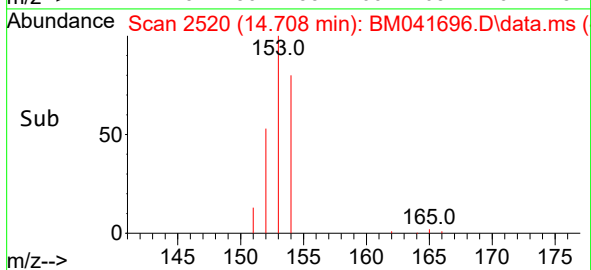
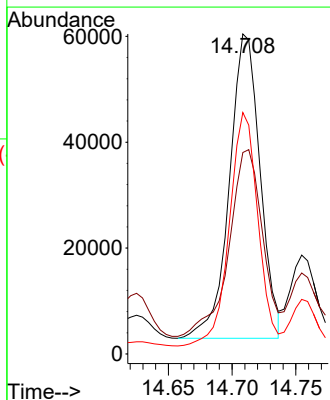
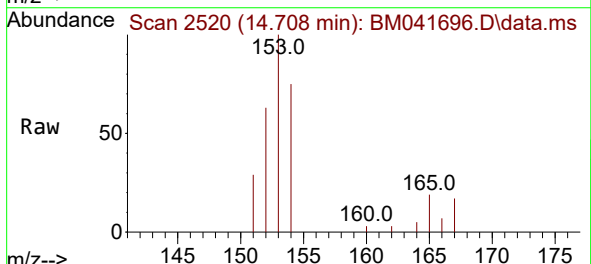
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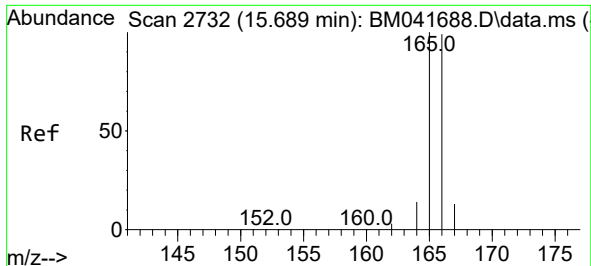
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#11
Acenaphthene
Concen: 1.956 ng/ul
RT: 14.708 min Scan# 2520
Delta R.T. -0.004 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

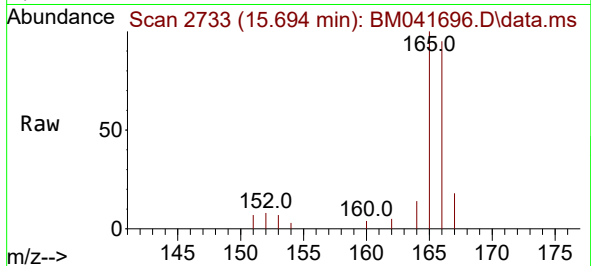
Tgt Ion:153 Resp: 96381
Ion Ratio Lower Upper
153 100
152 63.0 43.4 65.2
154 75.5 69.4 104.0





#12
Fluorene
Concen: 2.596 ng/ul
RT: 15.694 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

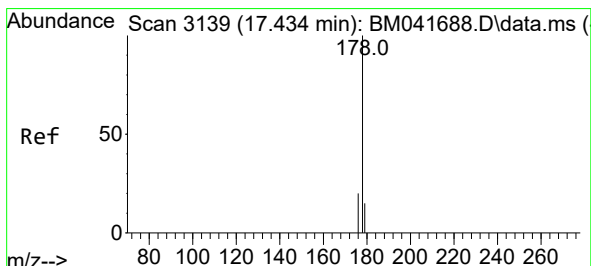
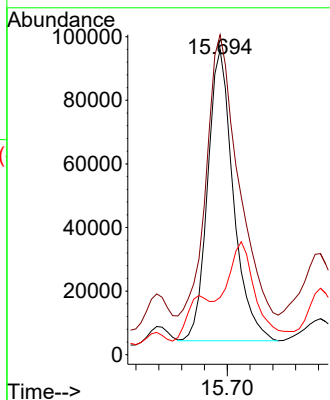
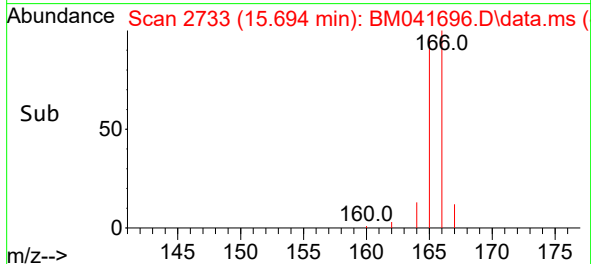
Instrument :
BNA_M
ClientSampleId :
EZYJ2DL



Tgt Ion:166 Resp: 143490
Ion Ratio Lower Upper
166 100
165 104.9 79.4 119.2
167 18.8 11.3 16.9

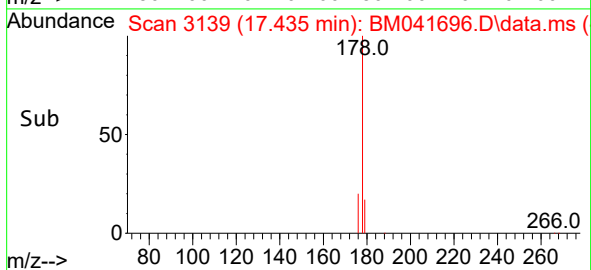
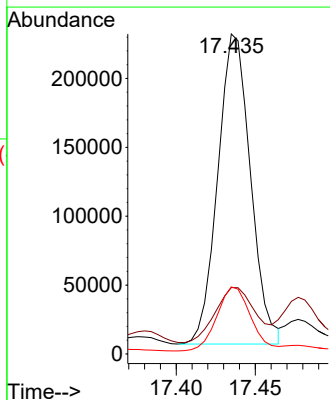
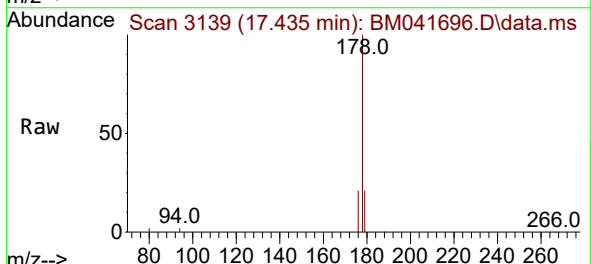
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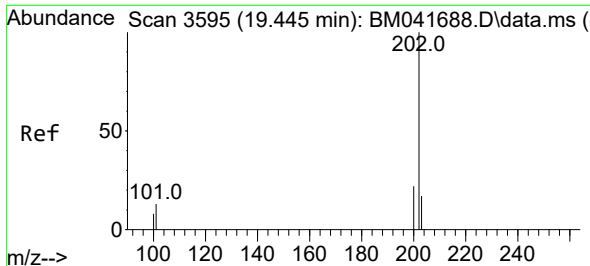
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#15
Phenanthrene
Concen: 5.552 ng/ul
RT: 17.435 min Scan# 3139
Delta R.T. -0.008 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

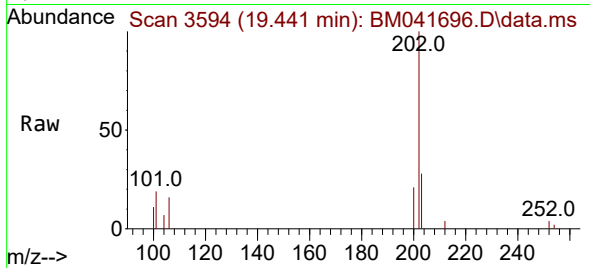
Tgt Ion:178 Resp: 323273
Ion Ratio Lower Upper
178 100
179 20.8 12.9 19.3#
176 21.0 16.9 25.3





#19
Fluoranthene
Concen: 0.314 ng/ul
RT: 19.441 min Scan# 3594
Delta R.T. -0.009 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

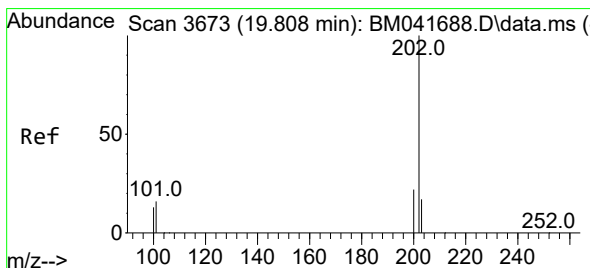
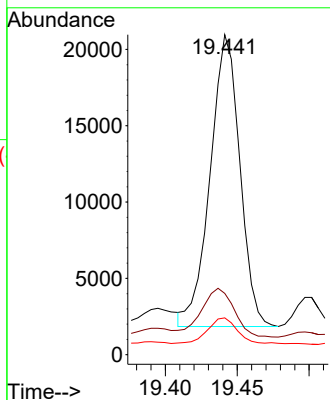
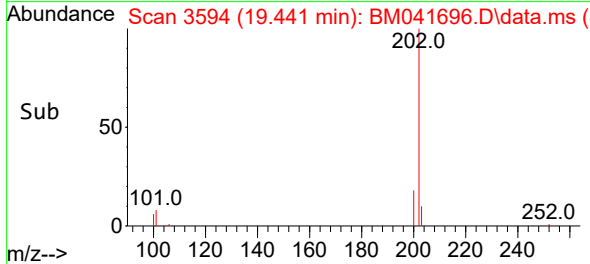
Instrument :
BNA_M
ClientSampleId :
EZYJ2DL



Tgt Ion:202 Resp: 27412
Ion Ratio Lower Upper
202 100
101 19.1 10.5 15.7
100 11.5 8.4 12.6

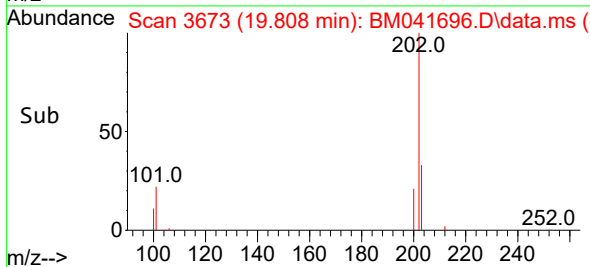
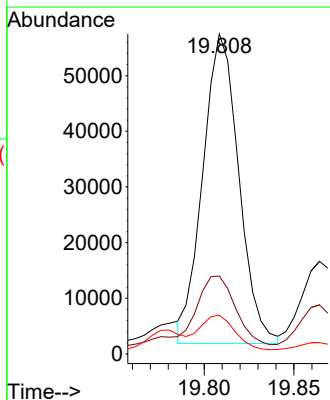
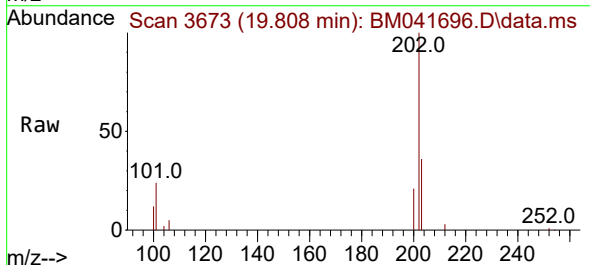
Manual Integrations
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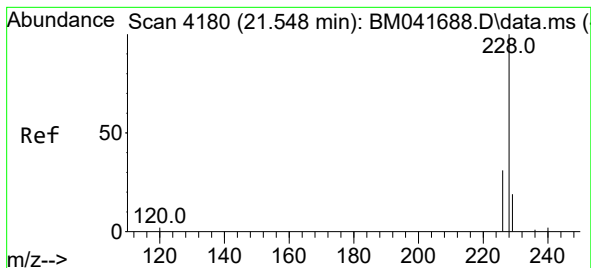
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#20
Pyrene
Concen: 0.894 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

Tgt Ion:202 Resp: 77598
Ion Ratio Lower Upper
202 100
101 24.3 11.8 17.8
100 12.1 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.116 ng/ul

RT: 21.548 min Scan# 4180

Delta R.T. -0.005 min

Lab File: BM041696.D

Acq: 07 Sep 2023 15:46

Instrument :

BNA_M

ClientSampleId :

EZYJ2DL

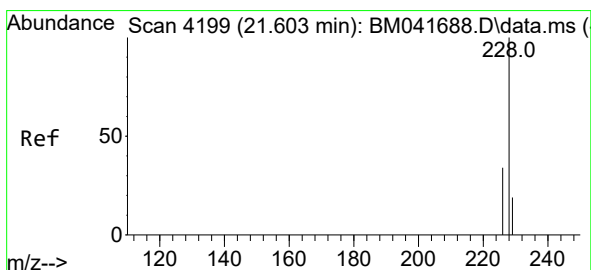
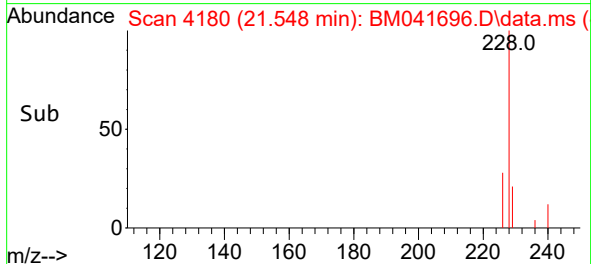
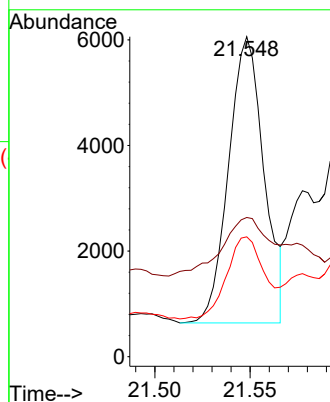
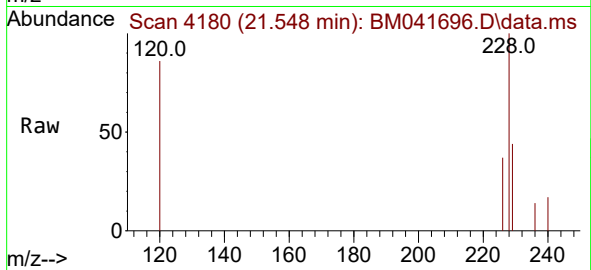
Tgt Ion:	228	Resp:	699
Ion Ratio	Lower	Upper	
228	100		
229	43.5	15.8	23.6
226	37.4	24.8	37.2

Manual Integrations

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Supervised By :mohammad ahmed 09/09/2023



#22

Chrysene

Concen: 0.157 ng/ul m

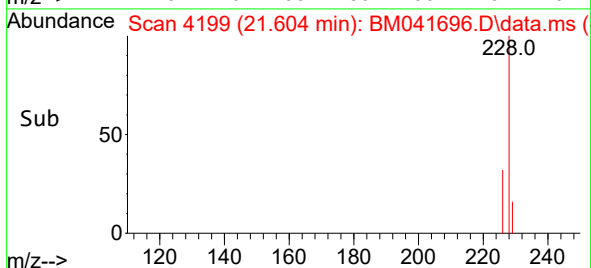
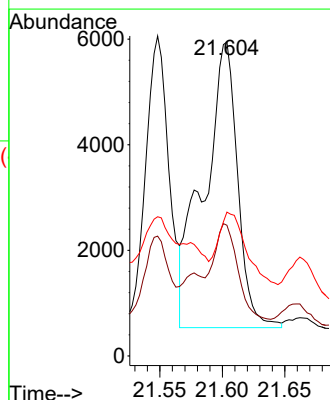
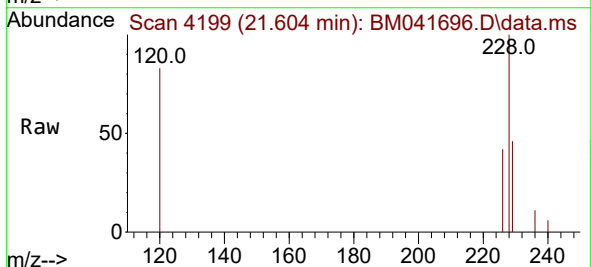
RT: 21.604 min Scan# 4199

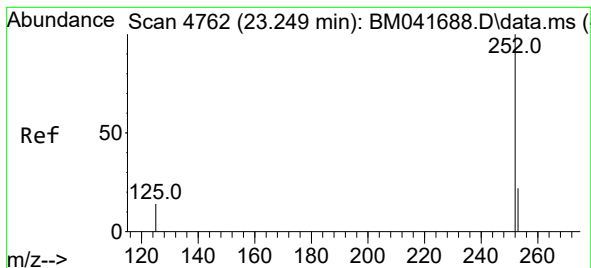
Delta R.T. -0.005 min

Lab File: BM041696.D

Acq: 07 Sep 2023 15:46

Tgt Ion:	228	Resp:	10203
Ion Ratio	Lower	Upper	
228	100		
226	41.7	27.0	40.6#
229	45.9	15.4	23.2#





#24

Benzo(b)fluoranthene

Concen: 0.150 ng/ul

RT: 23.249 min Scan# 4762

Delta R.T. -0.002 min

Lab File: BM041696.D

Acq: 07 Sep 2023 15:46

Instrument :

BNA_M

ClientSampleId :

EZYJ2DL

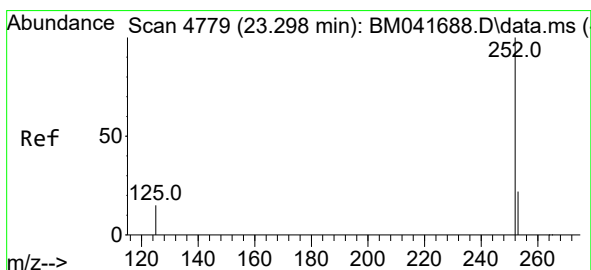
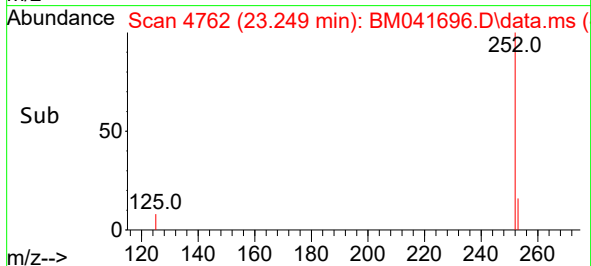
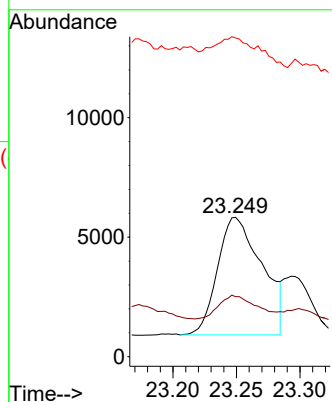
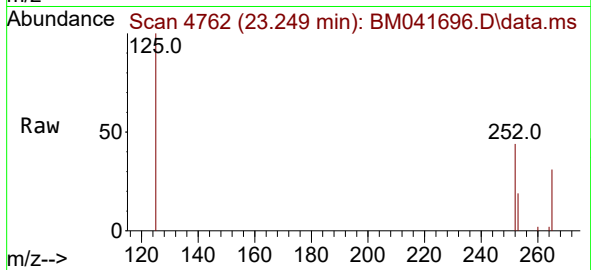
Tgt Ion:	252	Resp:	1205
Ion Ratio	Lower	Upper	
252	100		
253	43.0	0.0	52.4
125	228.8	0.0	42.8

Manual Integrations

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Supervised By :mohammad ahmed 09/09/2023



#25

Benzo(k)fluoranthene

Concen: 0.054 ng/ul m

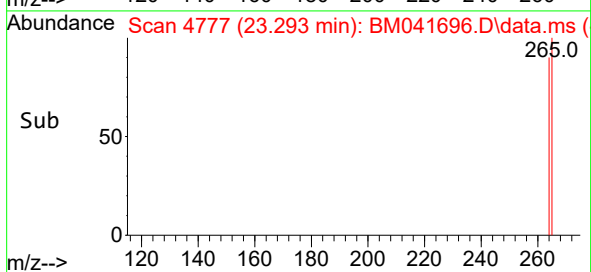
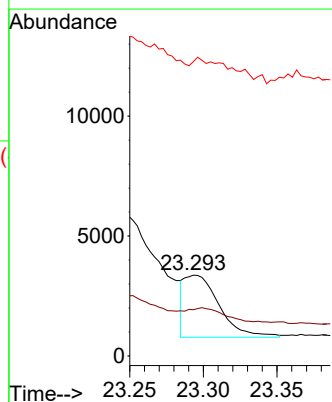
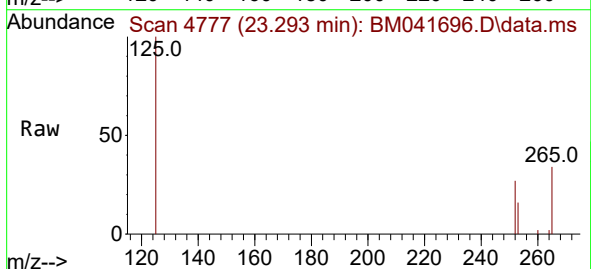
RT: 23.293 min Scan# 4777

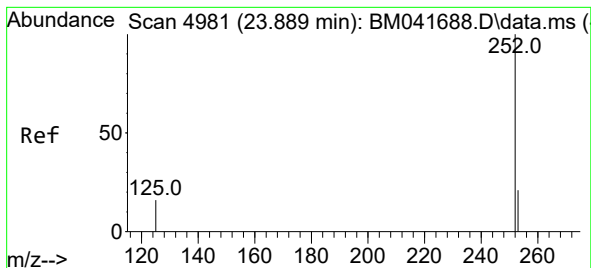
Delta R.T. -0.011 min

Lab File: BM041696.D

Acq: 07 Sep 2023 15:46

Tgt Ion:	252	Resp:	4261
Ion Ratio	Lower	Upper	
252	100		
253	57.2	21.3	31.9#
125	364.1	17.4	26.0#





#26

Benzo(a)pyrene

Concen: 0.121 ng/ul

RT: 23.890 min Scan# 4981

Delta R.T. -0.008 min

Lab File: BM041696.D

Acq: 07 Sep 2023 15:46

Instrument :

BNA_M

ClientSampleId :

EZYJ2DL

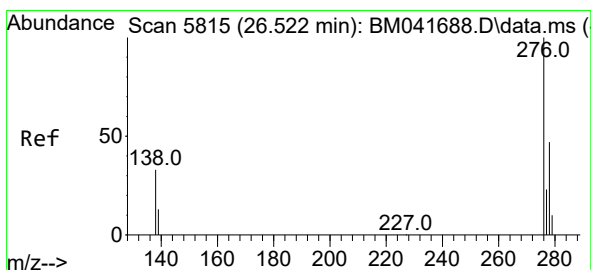
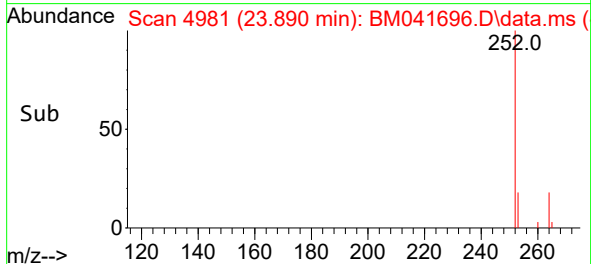
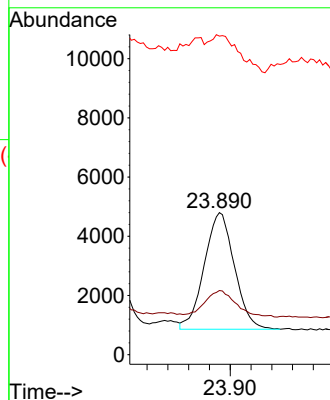
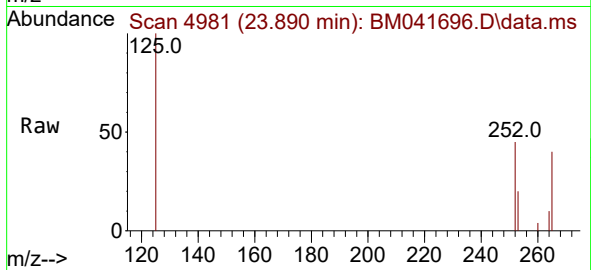
Tgt Ion:	252	Resp:	7928
Ion Ratio	Lower	Upper	
252	100		
253	45.2	22.4	33.6
125	224.2	21.0	31.4

Manual Integrations

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Supervised By :mohammad ahmed 09/09/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.083 ng/ul

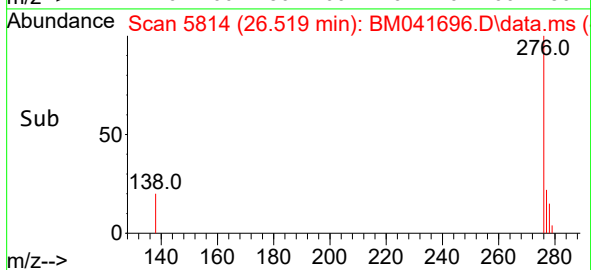
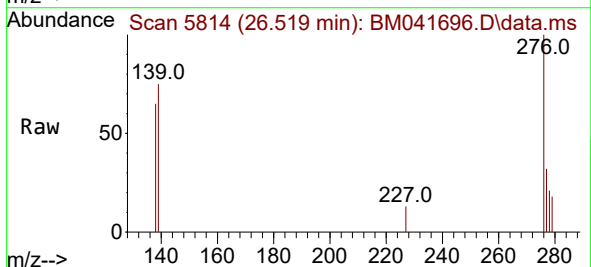
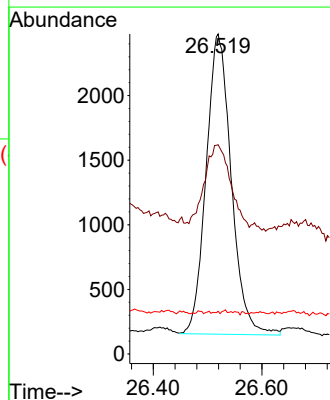
RT: 26.519 min Scan# 5814

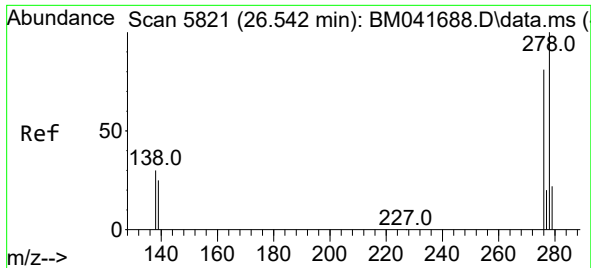
Delta R.T. -0.012 min

Lab File: BM041696.D

Acq: 07 Sep 2023 15:46

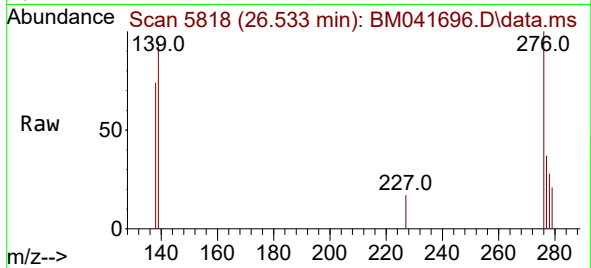
Tgt Ion:	276	Resp:	7465
Ion Ratio	Lower	Upper	
276	100		
138	30.5	26.4	39.6
227	0.7	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 26.533 min Scan# 5818
Delta R.T. -0.019 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

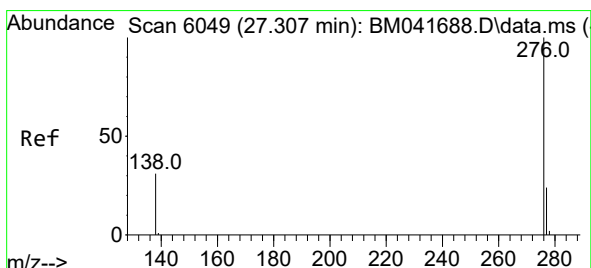
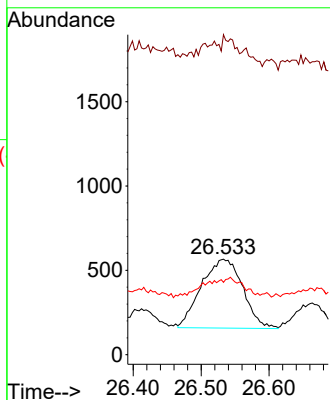
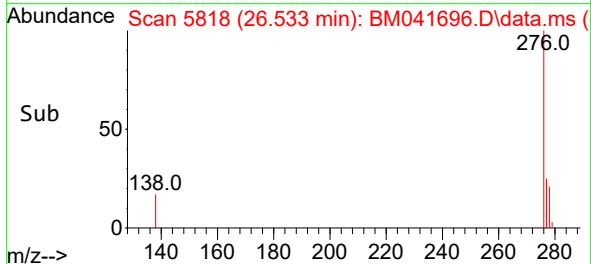
Instrument :
BNA_M
ClientSampleId :
EZYJ2DL



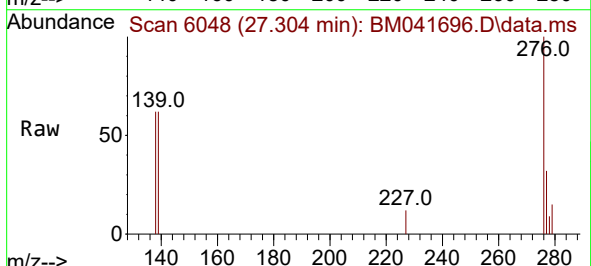
Tgt Ion: 278 Resp: 173
Ion Ratio Lower Upper
278 100
139 335.2 23.0 34.6
279 75.8 22.9 34.3

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 09/09/2023
Supervised By : mohammad ahmed 09/09/2023



#29
Benzo(g,h,i)perylene
Concen: 0.093 ng/ul
RT: 27.304 min Scan# 6048
Delta R.T. -0.012 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46



Tgt Ion: 276 Resp: 7386
Ion Ratio Lower Upper
276 100
138 62.2 25.0 37.4#
277 32.2 20.2 30.2#

