

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041697.D
 Acq On : 07 Sep 2023 16:24
 Operator : MA/JU
 Sample : 04113-01DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH4DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 02:53:50 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	8.000	152	6269	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	14728	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	6220	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	11824	0.400	ng/ul	0.00
17) Chrysene-d12	21.562	240	6087	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	7106	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	5992	0.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	729	0.038	ng/ul	-0.01
18) Fluoranthene-d10	19.413	212	980	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.867	128	1758	0.036	ng/ul#	86
7) 2-Methylnaphthalene	12.473	142	1279	0.047	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	761	0.028	ng/ul	100
10) Acenaphthylene	14.370	152	1389	0.036	ng/ul#	83
11) Acenaphthene	14.708	153	984	0.033	ng/ul	99
15) Phenanthrene	17.434	178	6876	0.138	ng/ul	97
16) Anthracene	17.527	178	2299	0.054	ng/ul#	87
19) Fluoranthene	19.441	202	15166	0.211	ng/ul	99
20) Pyrene	19.808	202	15665m	0.220	ng/ul	
21) Benzo(a)anthracene	21.548	228	12530	0.252	ng/ul	98
22) Chrysene	21.600	228	15060	0.281	ng/ul	96
24) Benzo(b)fluoranthene	23.246	252	30357	0.477	ng/ul	96
25) Benzo(k)fluoranthene	23.295	252	11039m	0.177	ng/ul	
26) Benzo(a)pyrene	23.886	252	21494	0.416	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.512	276	21894	0.309	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.528	278	4816	0.097	ng/ul#	72
29) Benzo(g,h,i)perylene	27.300	276	23183	0.369	ng/ul	99

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

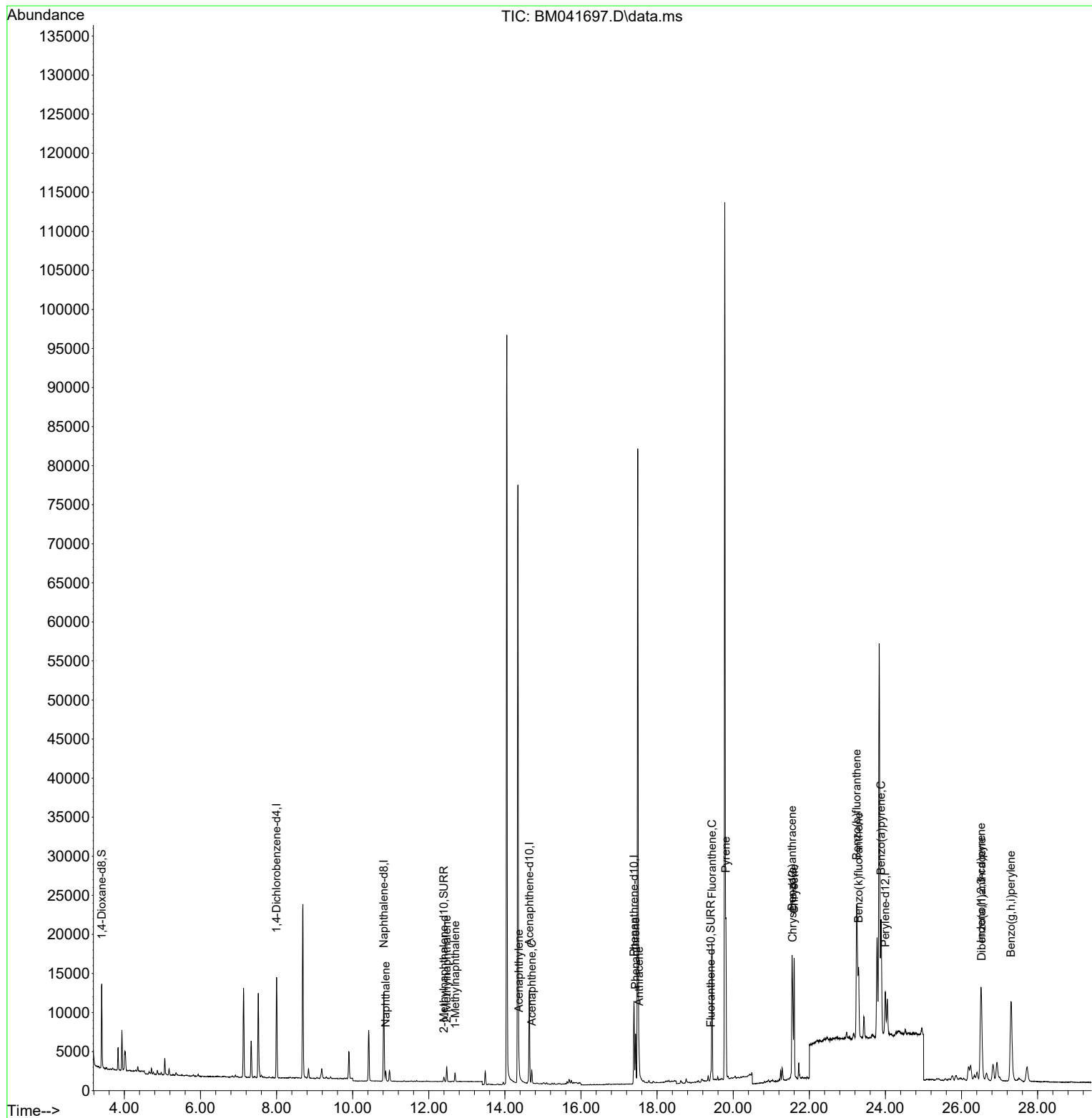
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041697.D
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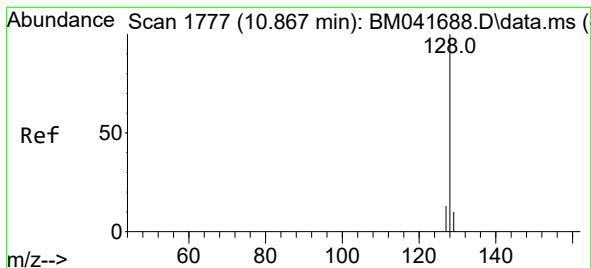
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Quant Time: Sep 08 02:53:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
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#5

Naphthalene

Concen: 0.036 ng/ul

RT: 10.867 min Scan# 1777

Delta R.T. -0.005 min

Lab File: BM041697.D

Acq: 07 Sep 2023 16:24

Instrument :

BNA_M

ClientSampleId :

EZYH4DL

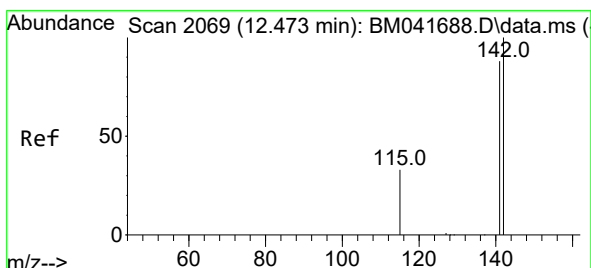
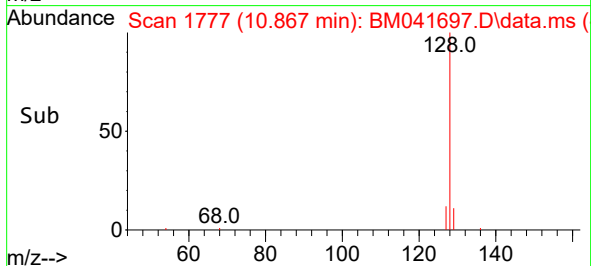
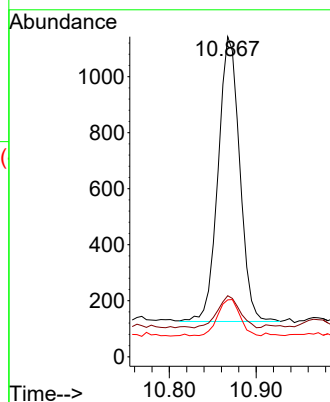
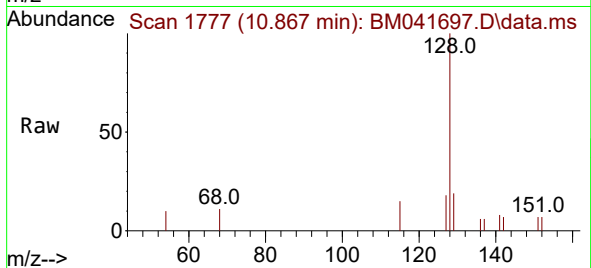
Tgt Ion:	128	Resp:	1758
Ion Ratio	Lower	Upper	
128	100		
129	19.1	9.4	14.0
127	17.8	11.0	16.6

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#7

2-Methylnaphthalene

Concen: 0.047 ng/ul

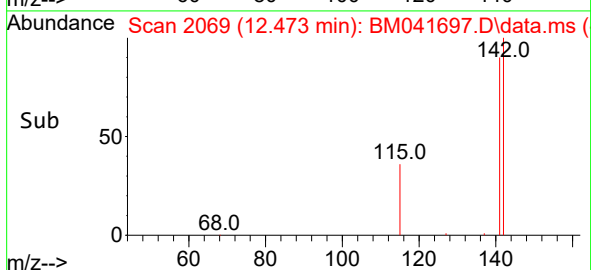
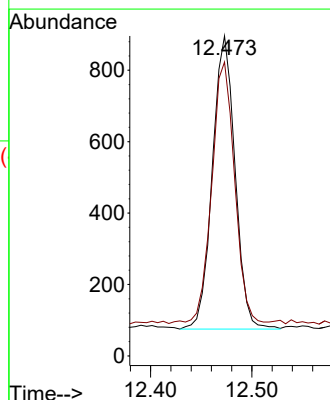
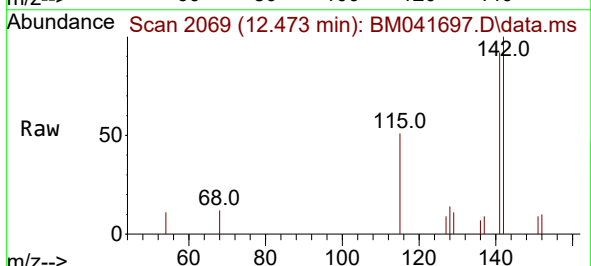
RT: 12.473 min Scan# 2069

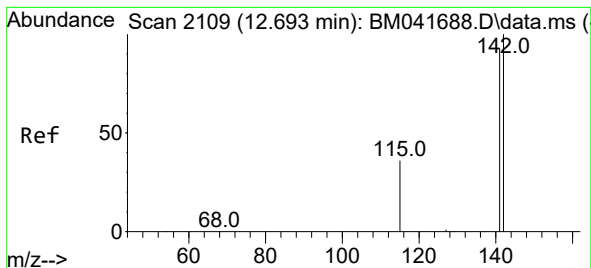
Delta R.T. -0.005 min

Lab File: BM041697.D

Acq: 07 Sep 2023 16:24

Tgt Ion:	142	Resp:	1279
Ion Ratio	Lower	Upper	
142	100		
141	89.8	72.2	108.2





#8

1-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 12.693 min Scan# 2109

Delta R.T. -0.005 min

Lab File: BM041697.D

Acq: 07 Sep 2023 16:24

Instrument :

BNA_M

ClientSampleId :

EZYH4DL

Tgt Ion:142 Resp: 763

Ion Ratio Lower Upper

142 100

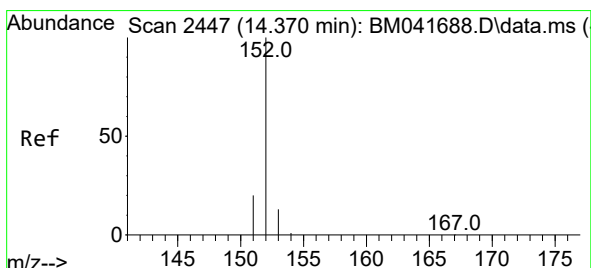
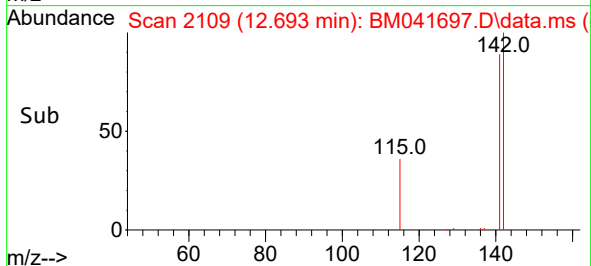
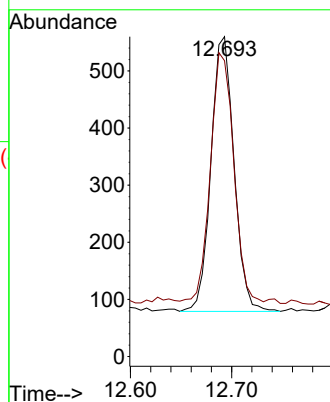
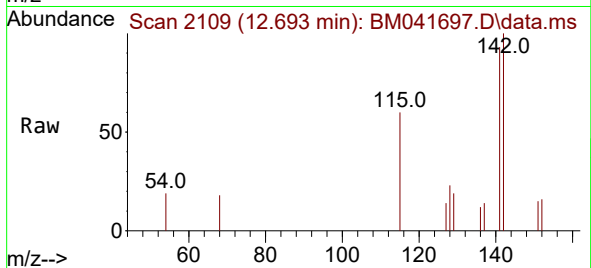
141 93.3 74.4 111.6

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#10

Acenaphthylene

Concen: 0.036 ng/ul

RT: 14.370 min Scan# 2447

Delta R.T. -0.005 min

Lab File: BM041697.D

Acq: 07 Sep 2023 16:24

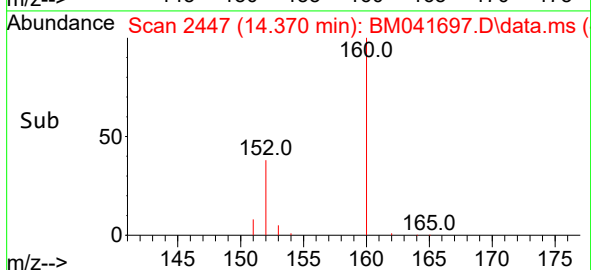
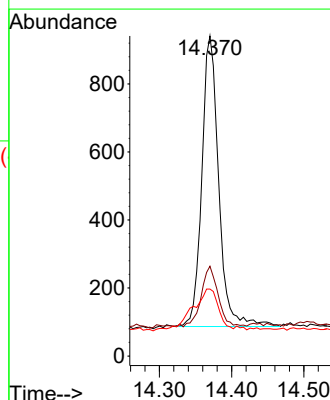
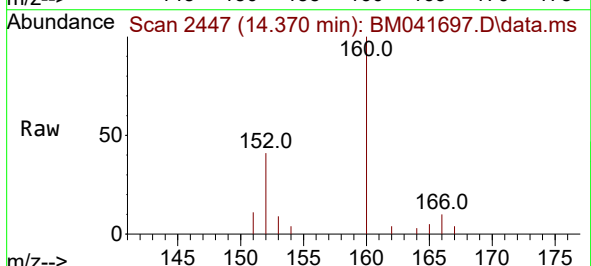
Tgt Ion:152 Resp: 1389

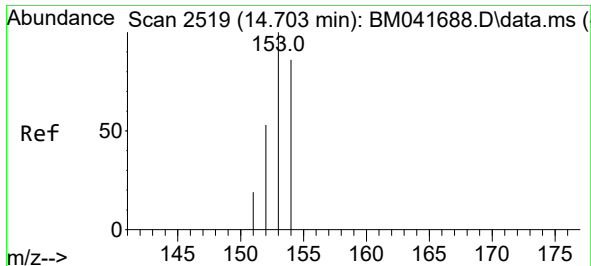
Ion Ratio Lower Upper

152 100

151 28.1 16.4 24.6#

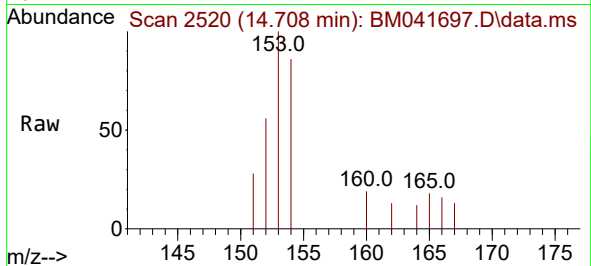
153 20.9 11.1 16.7#





#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.708 min Scan# 2519
Delta R.T. -0.005 min
Lab File: BM041697.D
Acq: 07 Sep 2023 16:24

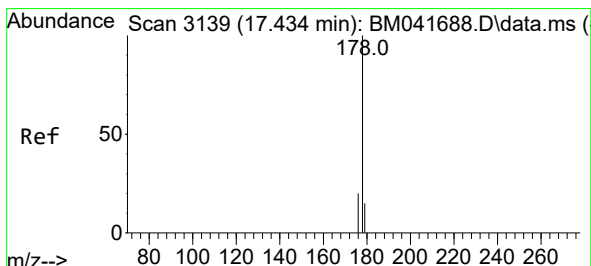
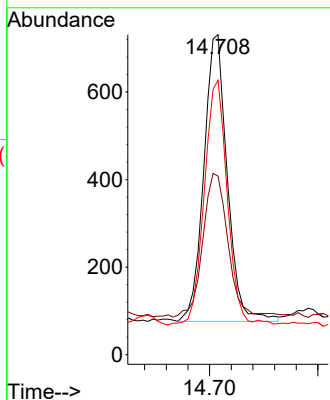
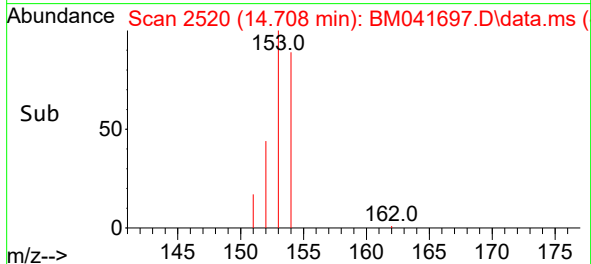
Instrument :
BNA_M
ClientSampleId :
EZYH4DL



Tgt Ion:153 Resp: 984
Ion Ratio Lower Upper
153 100
152 55.8 43.4 65.2
154 85.8 69.4 104.0

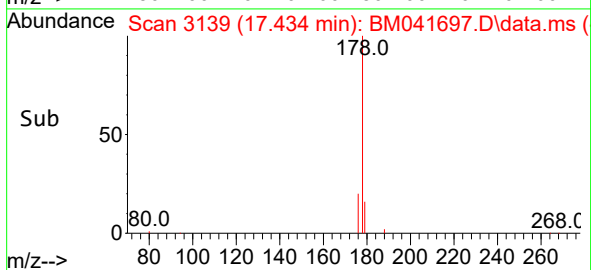
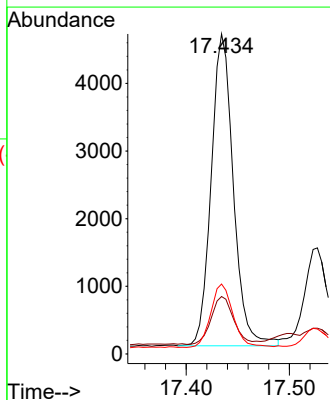
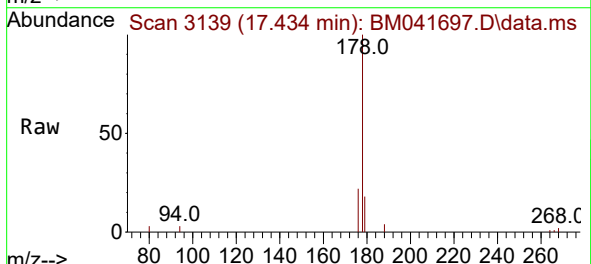
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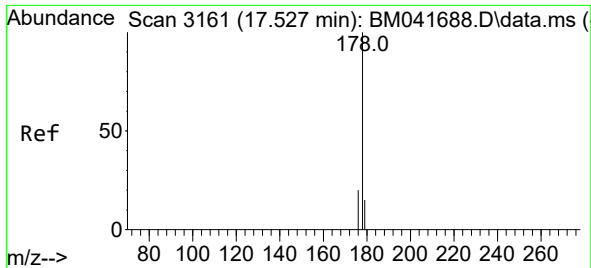
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#15
Phenanthrene
Concen: 0.138 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.008 min
Lab File: BM041697.D
Acq: 07 Sep 2023 16:24

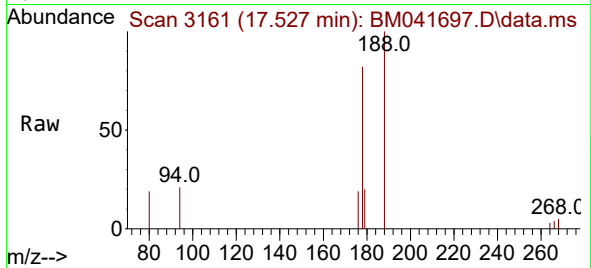
Tgt Ion:178 Resp: 6876
Ion Ratio Lower Upper
178 100
179 18.0 12.9 19.3
176 21.8 16.9 25.3





#16
 Anthracene
 Concen: 0.054 ng/ul
 RT: 17.527 min Scan# 3161
 Delta R.T. -0.008 min
 Lab File: BM041697.D
 Acq: 07 Sep 2023 16:24

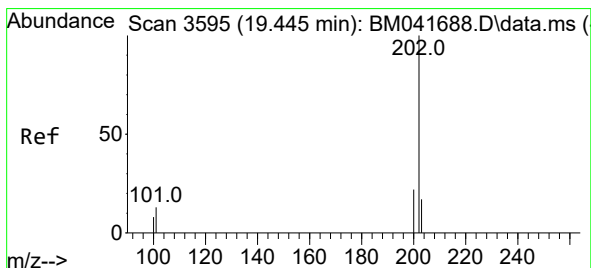
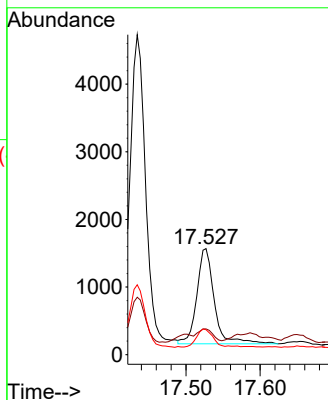
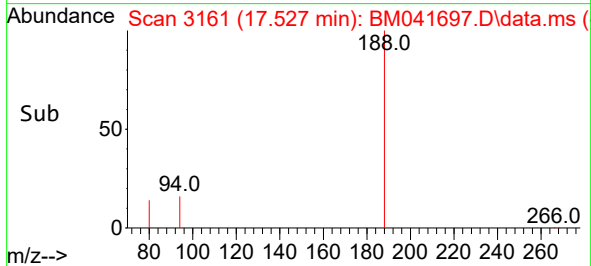
Instrument :
 BNA_M
 ClientSampleId :
 EZYH4DL



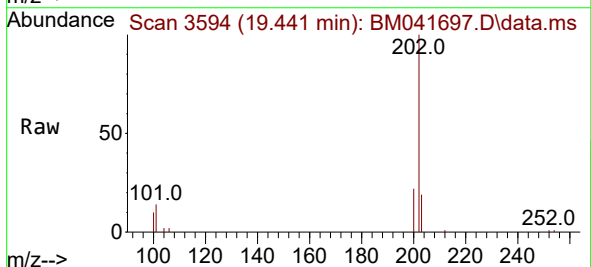
Tgt Ion:178 Resp: 2295
 Ion Ratio Lower Upper
 178 100
 179 24.2 12.9 19.3
 176 23.6 15.8 23.8

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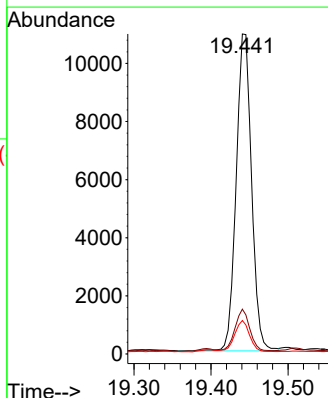
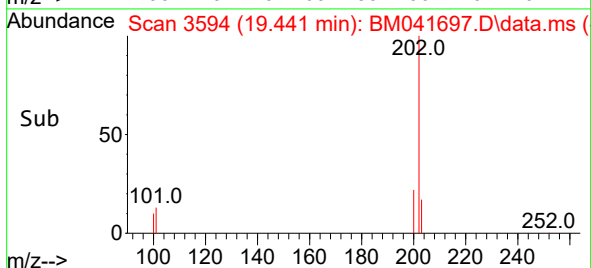
Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/09/2023

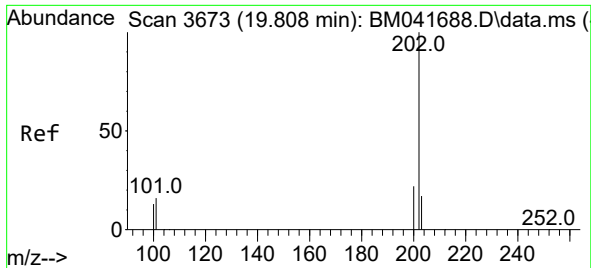


#19
 Fluoranthene
 Concen: 0.211 ng/ul
 RT: 19.441 min Scan# 3594
 Delta R.T. -0.009 min
 Lab File: BM041697.D
 Acq: 07 Sep 2023 16:24



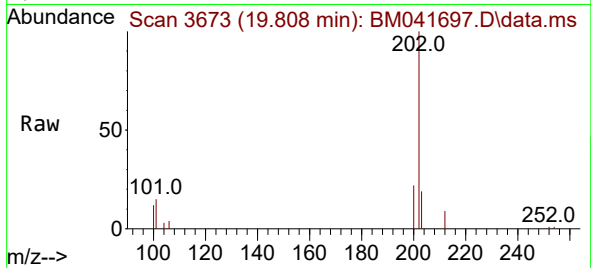
Tgt Ion:202 Resp: 15166
 Ion Ratio Lower Upper
 202 100
 101 14.0 10.5 15.7
 100 10.4 8.4 12.6





#20
Pyrene
Concen: 0.220 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BM041697.D
Acq: 07 Sep 2023 16:24

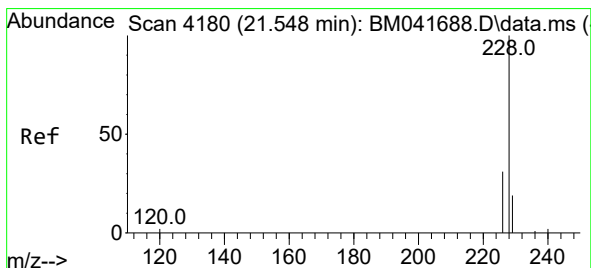
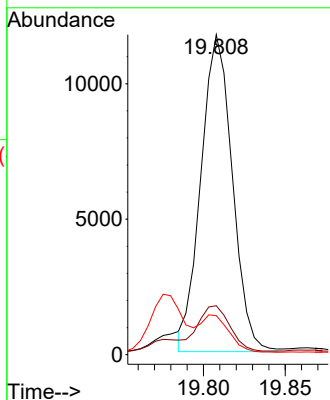
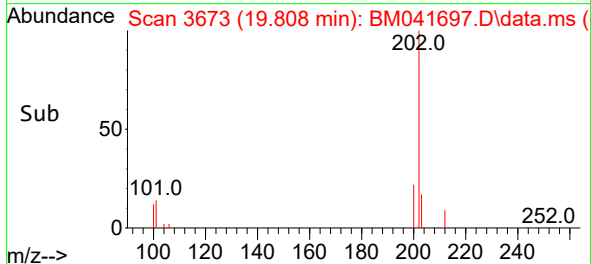
Instrument :
BNA_M
ClientSampleId :
EZYH4DL



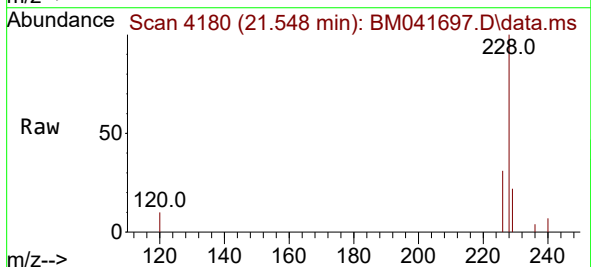
Tgt Ion:202 Resp: 1566
Ion Ratio Lower Upper
202 100
101 15.3 11.8 17.8
100 12.2 9.8 14.6

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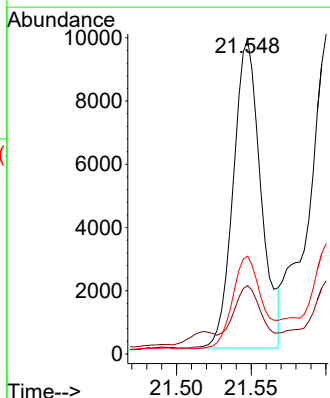
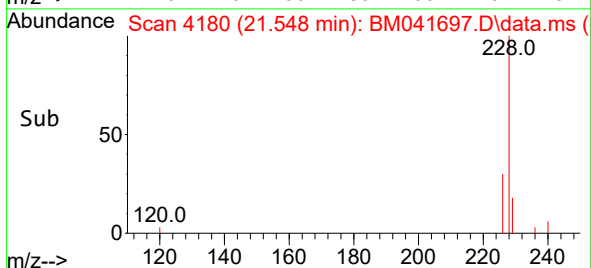
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023

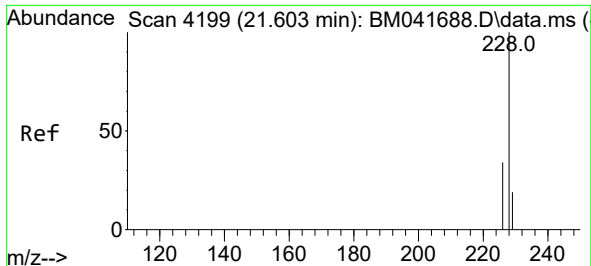


#21
Benzo(a)anthracene
Concen: 0.252 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BM041697.D
Acq: 07 Sep 2023 16:24



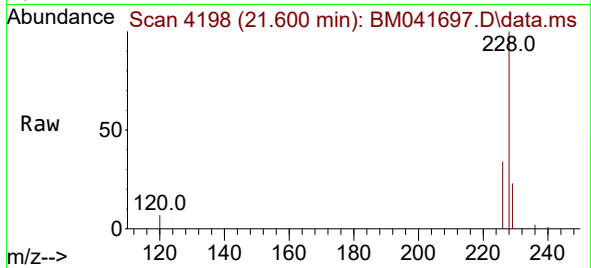
Tgt Ion:228 Resp: 12530
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 31.1 24.8 37.2





#22
Chrysene
Concen: 0.281 ng/ul
RT: 21.600 min Scan# 4199
Delta R.T. -0.009 min
Lab File: BM041697.D
Acq: 07 Sep 2023 16:24

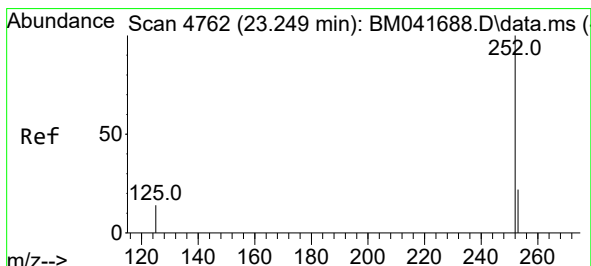
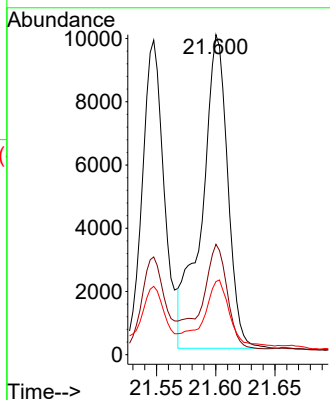
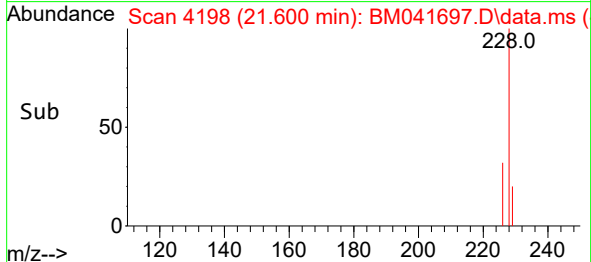
Instrument :
BNA_M
ClientSampleId :
EZYH4DL



Tgt Ion:228 Resp: 15060
Ion Ratio Lower Upper
228 100
226 34.5 27.0 40.6
229 22.9 15.4 23.2

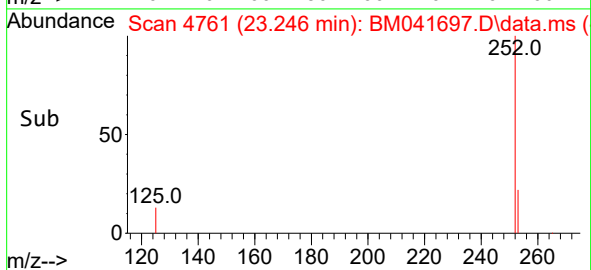
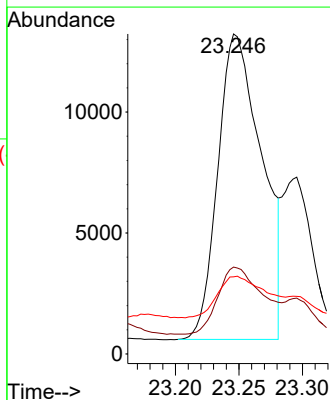
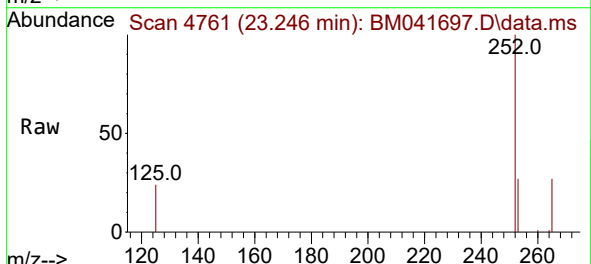
Manual Integrations
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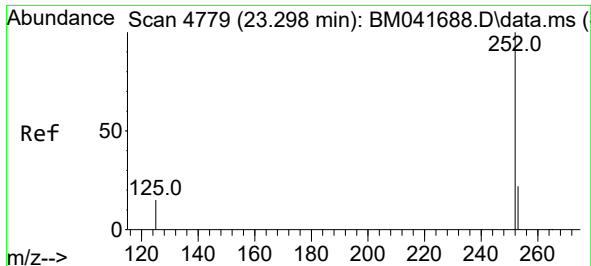
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#24
Benzo(b)fluoranthene
Concen: 0.477 ng/ul
RT: 23.246 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BM041697.D
Acq: 07 Sep 2023 16:24

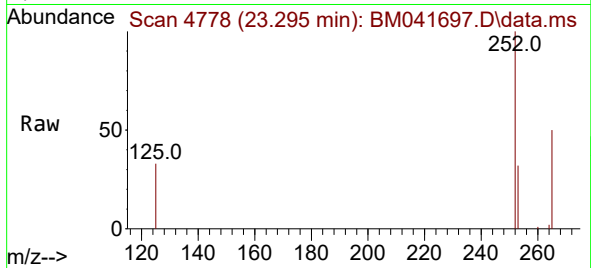
Tgt Ion:252 Resp: 30357
Ion Ratio Lower Upper
252 100
253 27.2 0.0 52.4
125 24.1 0.0 42.8





#25
Benzo(k)fluoranthene
Concen: 0.177 ng/ul m
RT: 23.295 min Scan# 4779
Delta R.T. -0.009 min
Lab File: BM041697.D
Acq: 07 Sep 2023 16:24

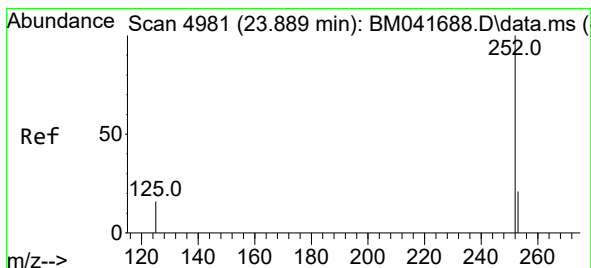
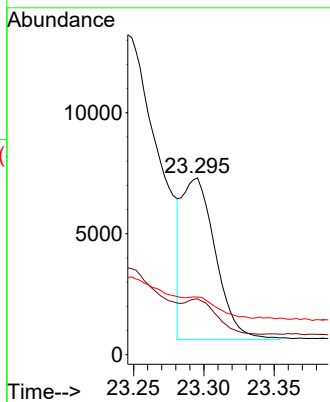
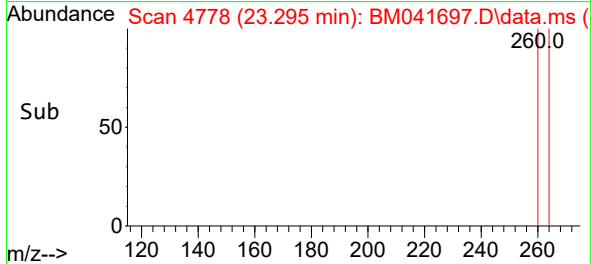
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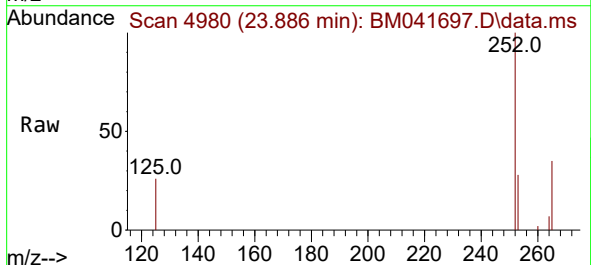
Tgt Ion:252 Resp: 11039
Ion Ratio Lower Upper
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253 31.6 21.3 31.9
125 32.5 17.4 26.0

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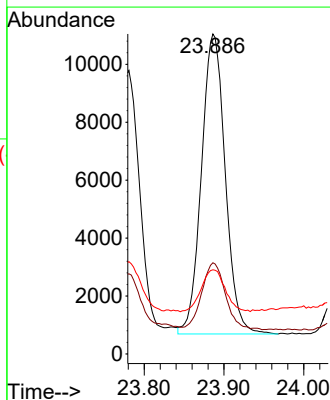
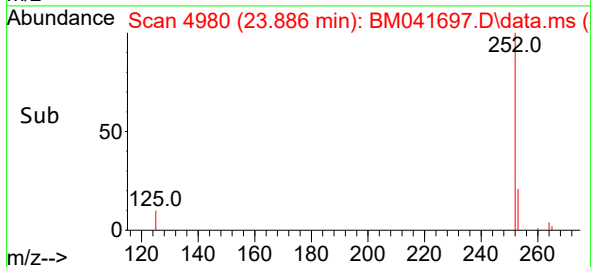
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023

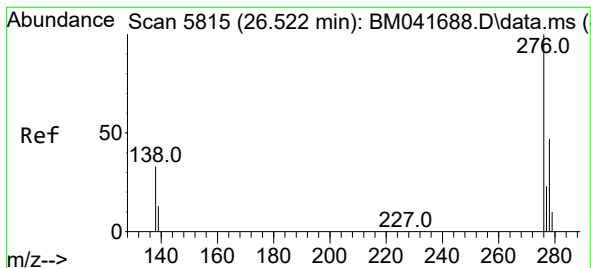


#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.886 min Scan# 4980
Delta R.T. -0.012 min
Lab File: BM041697.D
Acq: 07 Sep 2023 16:24



Tgt Ion:252 Resp: 21494
Ion Ratio Lower Upper
252 100
253 28.5 22.4 33.6
125 26.3 21.0 31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.309 ng/ul

RT: 26.512 min Scan# 5812

Delta R.T. -0.020 min

Lab File: BM041697.D

Acq: 07 Sep 2023 16:24

Instrument :

BNA_M

ClientSampleId :

EZYH4DL

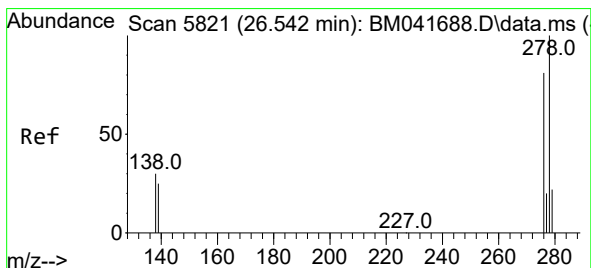
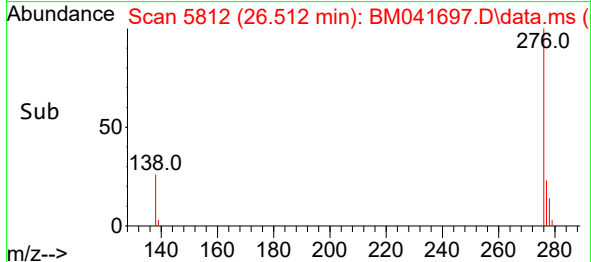
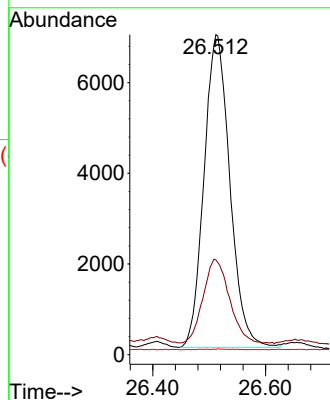
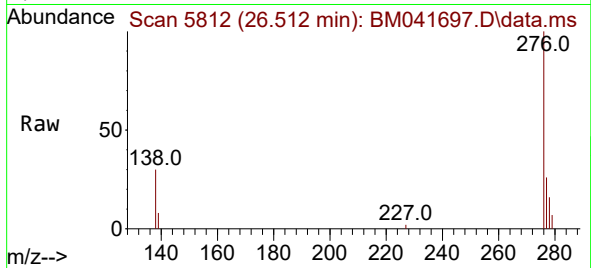
Tgt Ion:276 Resp: 21894
 Ion Ratio Lower Upper
 276 100
 138 27.8 26.4 39.6
 227 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/09/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.097 ng/ul

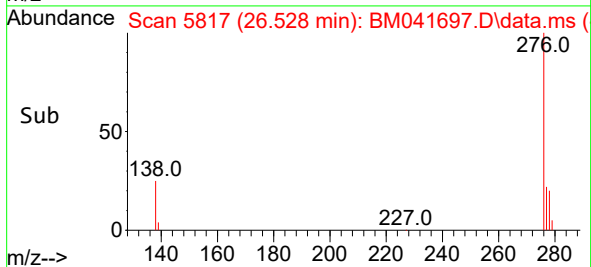
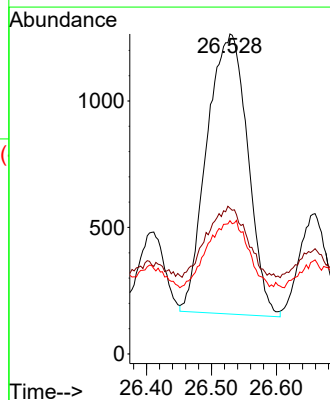
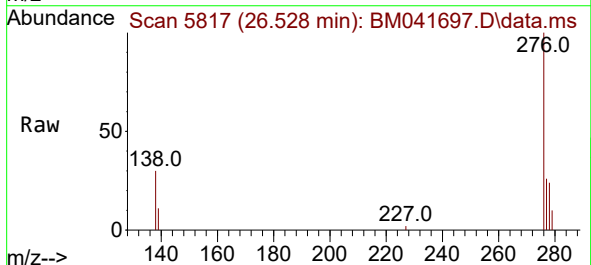
RT: 26.528 min Scan# 5817

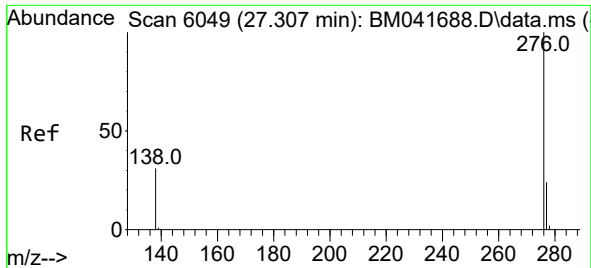
Delta R.T. -0.023 min

Lab File: BM041697.D

Acq: 07 Sep 2023 16:24

Tgt Ion:278 Resp: 4816
 Ion Ratio Lower Upper
 278 100
 139 45.5 23.0 34.6#
 279 41.7 22.9 34.3#





#29

Benzo(g,h,i)perylene

Concen: 0.369 ng/ul

RT: 27.300 min Scan# 6049

Delta R.T. -0.017 min

Lab File: BM041697.D

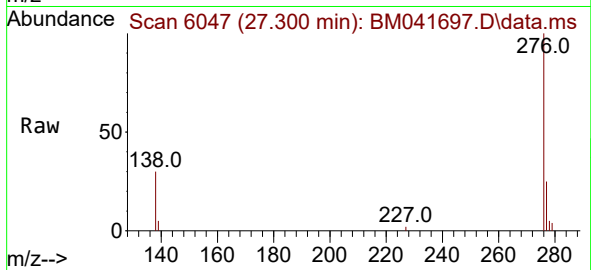
Acq: 07 Sep 2023 16:24

Instrument :

BNA_M

ClientSampleId :

EZYH4DL



Tgt Ion:276 Resp: 2318

Ion Ratio Lower Upper

276 100

138 30.3 25.0 37.4

277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/09/2023

