

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040628.D
 Acq On : 05 Jul 2023 01:13
 Operator : MA/JU
 Sample : 03244-22DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGG1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 02:43:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	7209	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.717	136	27254	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.554	164	12721	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.307	188	23516	0.400	ng/ul	-0.01
17) Chrysene-d12	21.488	240	13587	0.400	ng/ul	-0.01
23) Perylene-d12	23.894	264	12924	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	4613	0.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.307	152	1222	0.032	ng/ul	-0.02
18) Fluoranthene-d10	19.333	212	1651	0.038	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.767	128	2402	0.032	ng/ul#	83
7) 2-Methylnaphthalene	12.384	142	1397	0.032	ng/ul	98
8) 1-Methylnaphthalene	12.604	142	1125	0.025	ng/ul	99
10) Acenaphthylene	14.276	152	4012	0.071	ng/ul#	91
15) Phenanthrene	17.349	178	20181	0.276	ng/ul	99
16) Anthracene	17.438	178	4654	0.076	ng/ul#	89
19) Fluoranthene	19.366	202	42341	0.734	ng/ul	97
20) Pyrene	19.728	202	38135	0.616	ng/ul	99
21) Benzo(a)anthracene	21.474	228	19992	0.435	ng/ul	95
22) Chrysene	21.526	228	19419	0.370	ng/ul	96
24) Benzo(b)fluoranthene	23.163	252	32553	0.651	ng/ul	99
25) Benzo(k)fluoranthene	23.198	252	10745m	0.218	ng/ul	
26) Benzo(a)pyrene	23.786	252	19674	0.437	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.387	276	17904	0.285	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.390	278	4164	0.085	ng/ul#	65
29) Benzo(g,h,i)perylene	27.155	276	18178	0.331	ng/ul	98

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

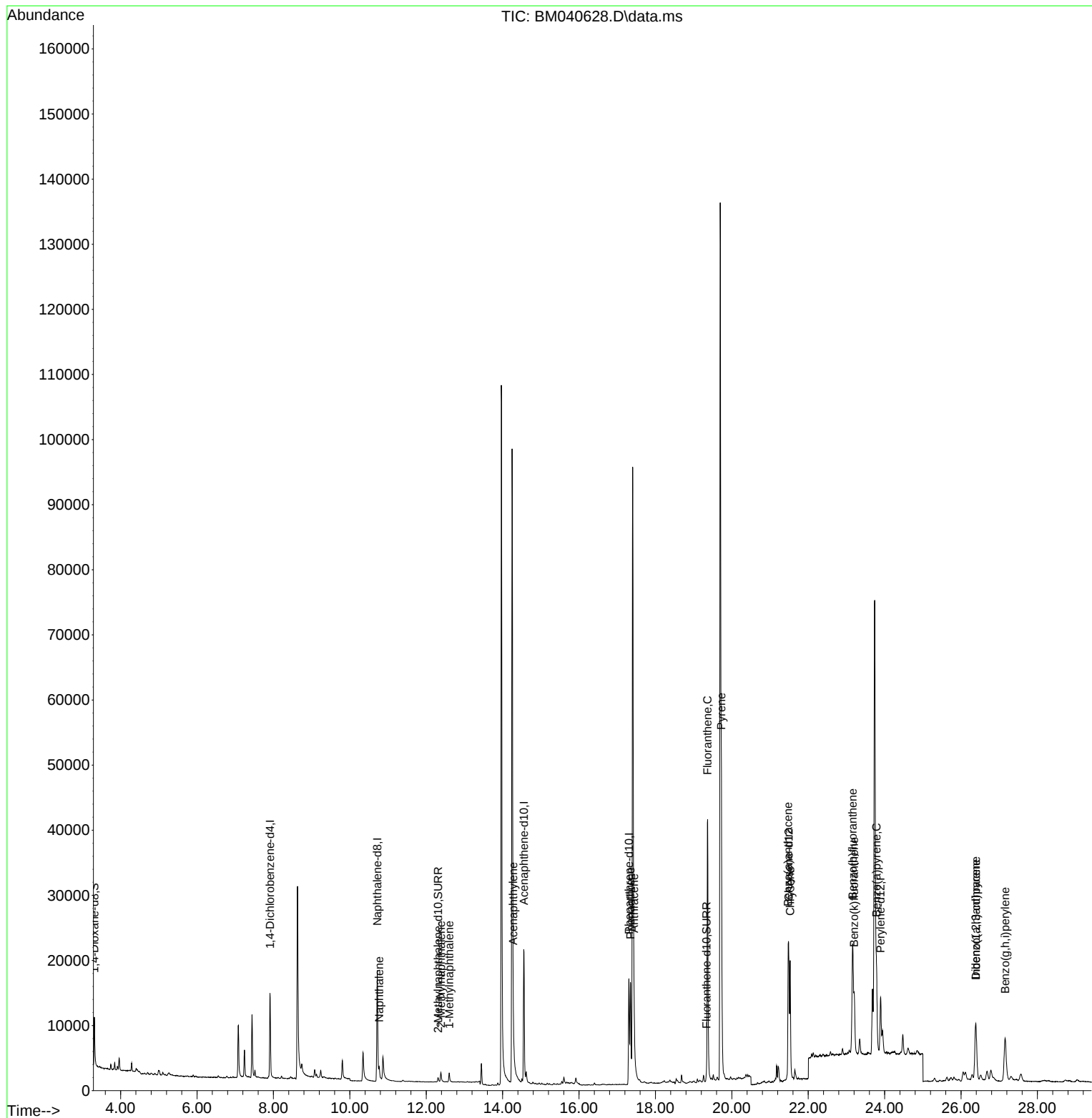
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040628.D
Acq On : 05 Jul 2023 01:13
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Sample : 03244-22DL 5X
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ALS Vial : 65 Sample Multiplier: 1

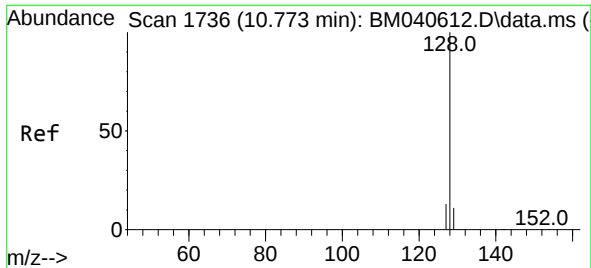
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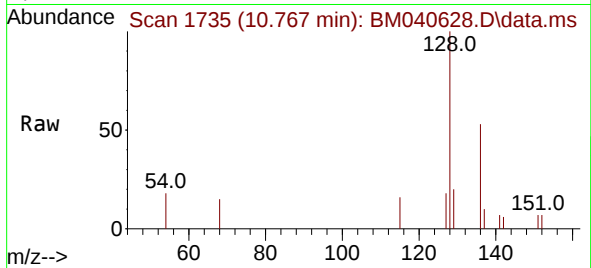
Quant Time: Jul 05 02:43:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
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#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.767 min Scan# 1735
Delta R.T. -0.017 min
Lab File: BM040628.D
Acq: 05 Jul 2023 01:13

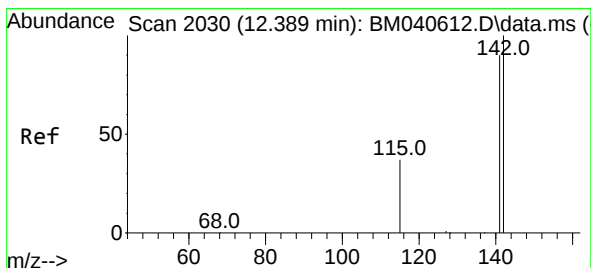
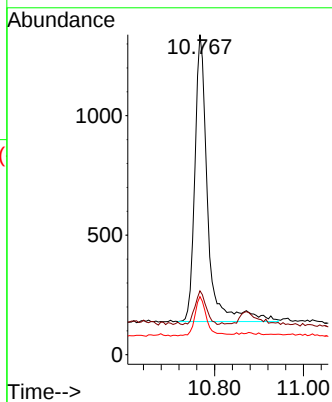
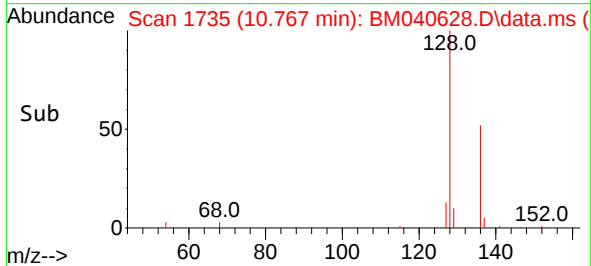
Instrument :
BNA_M
ClientSampleId :
DCGG1DL



Tgt Ion:128 Resp: 240
Ion Ratio Lower Upper
128 100
129 19.9 9.2 13.8
127 18.1 10.6 15.8

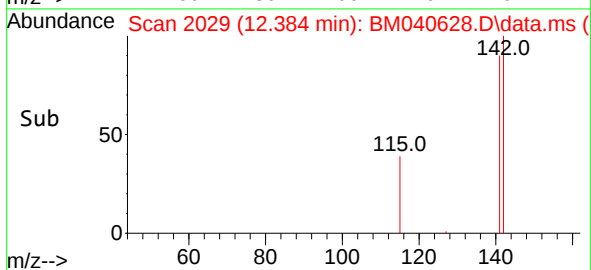
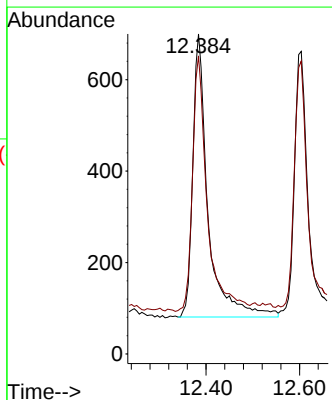
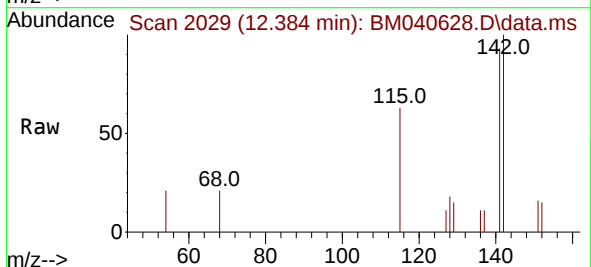
Manual Integrations
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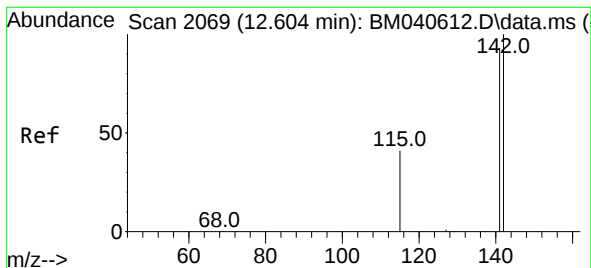
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040628.D
Acq: 05 Jul 2023 01:13

Tgt Ion:142 Resp: 1397
Ion Ratio Lower Upper
142 100
141 87.8 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 12.604 min Scan# 2069

Delta R.T. -0.011 min

Lab File: BM040628.D

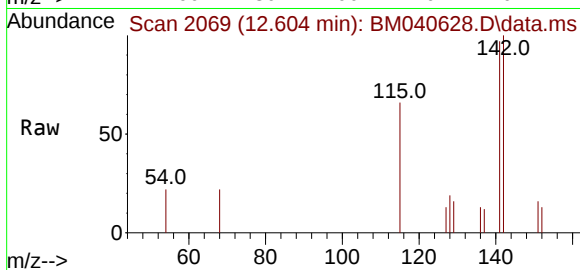
Acq: 05 Jul 2023 01:13

Instrument :

BNA_M

ClientSampleId :

DCGG1DL



Tgt Ion:142 Resp: 1125

Ion Ratio Lower Upper

142 100

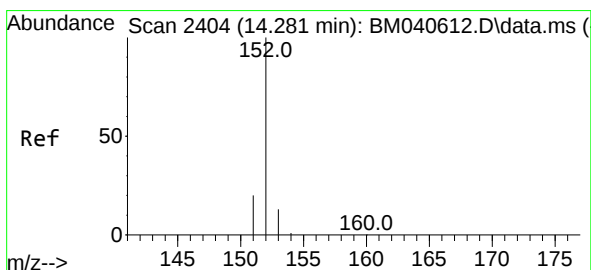
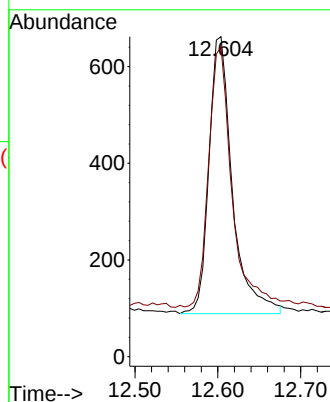
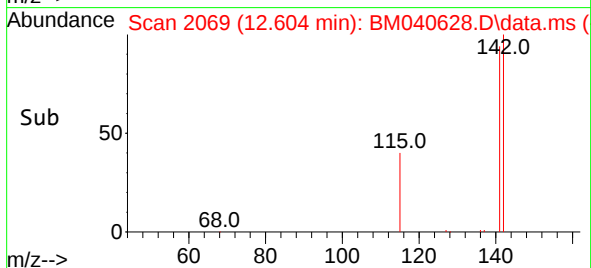
141 93.2 73.7 110.5

Manual Integrations

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#10

Acenaphthylene

Concen: 0.071 ng/ul

RT: 14.276 min Scan# 2403

Delta R.T. -0.014 min

Lab File: BM040628.D

Acq: 05 Jul 2023 01:13

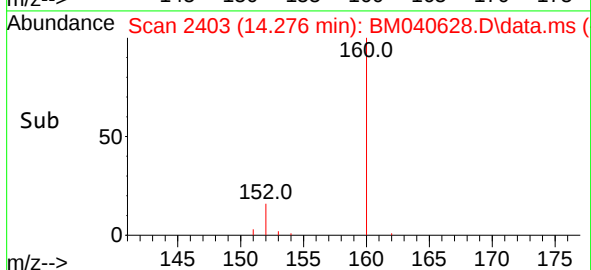
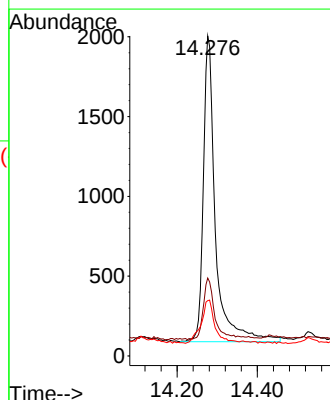
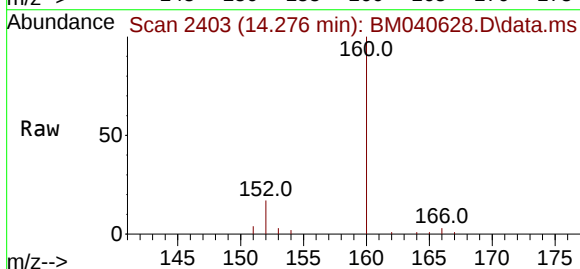
Tgt Ion:152 Resp: 4012

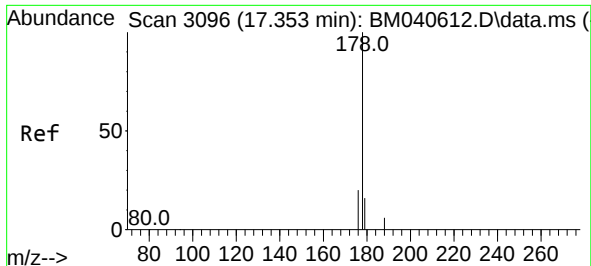
Ion Ratio Lower Upper

152 100

151 24.3 16.2 24.2#

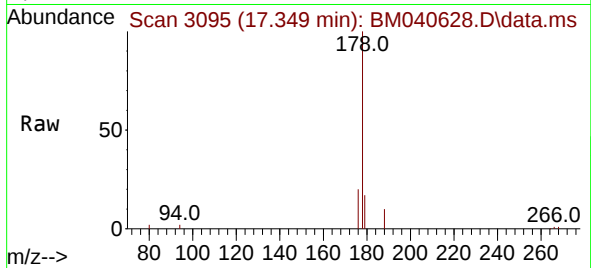
153 17.3 10.9 16.3#





#15
Phenanthrene
Concen: 0.276 ng/ul
RT: 17.349 min Scan# 3096
Delta R.T. -0.013 min
Lab File: BM040628.D
Acq: 05 Jul 2023 01:13

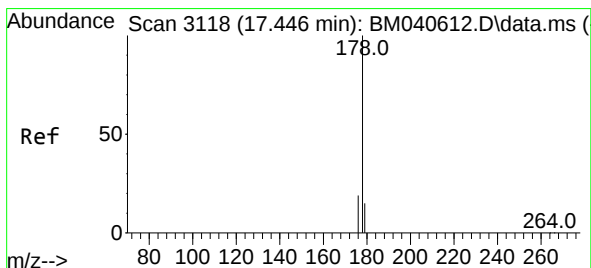
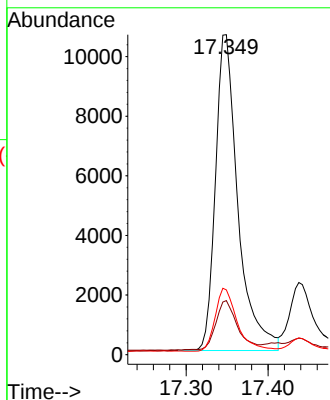
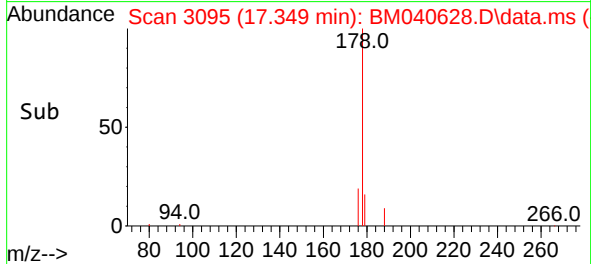
Instrument :
BNA_M
ClientSampleId :
DCGG1DL



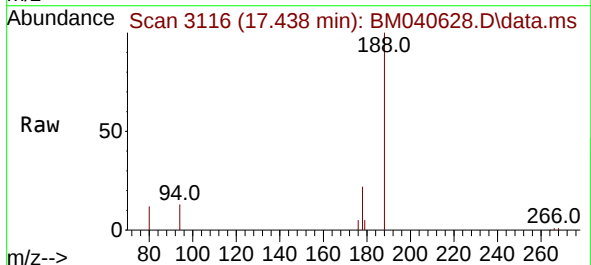
Tgt Ion:178 Resp: 2018
Ion Ratio Lower Upper
178 100
179 16.9 12.8 19.2
176 20.2 16.4 24.6

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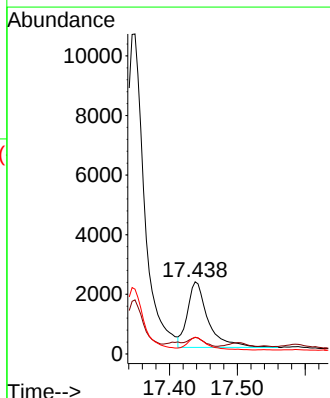
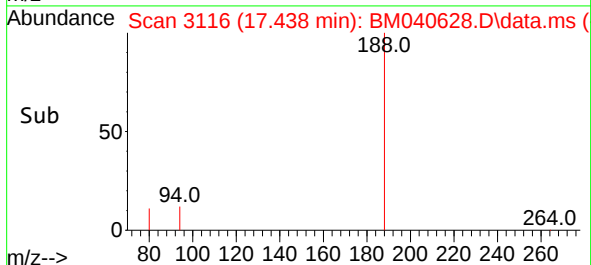
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

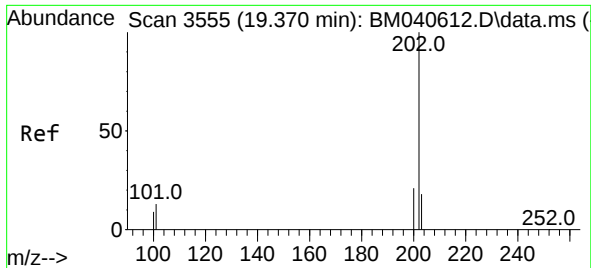


#16
Anthracene
Concen: 0.076 ng/ul
RT: 17.438 min Scan# 3116
Delta R.T. -0.017 min
Lab File: BM040628.D
Acq: 05 Jul 2023 01:13



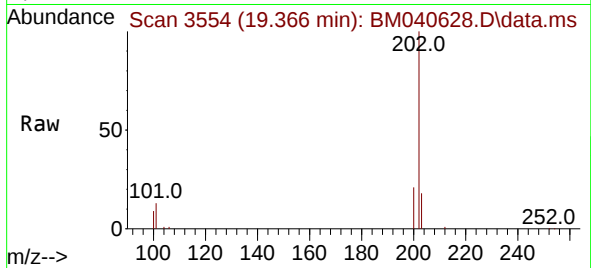
Tgt Ion:178 Resp: 4654
Ion Ratio Lower Upper
178 100
179 22.8 12.9 19.3#
176 23.4 15.8 23.6





#19
Fluoranthene
Concen: 0.734 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.014 min
Lab File: BM040628.D
Acq: 05 Jul 2023 01:13

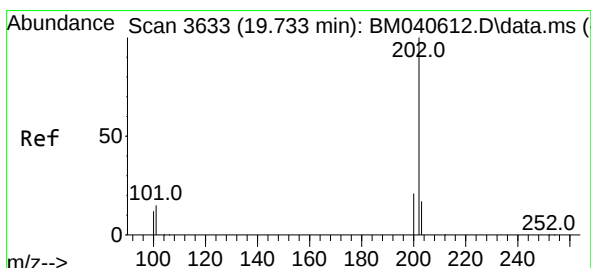
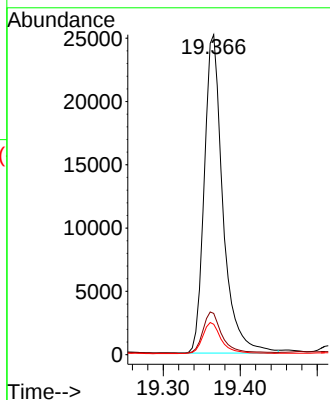
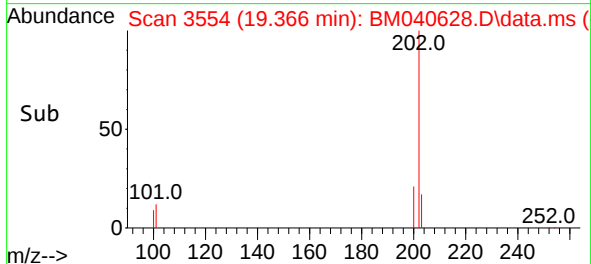
Instrument :
BNA_M
ClientSampleId :
DCGG1DL



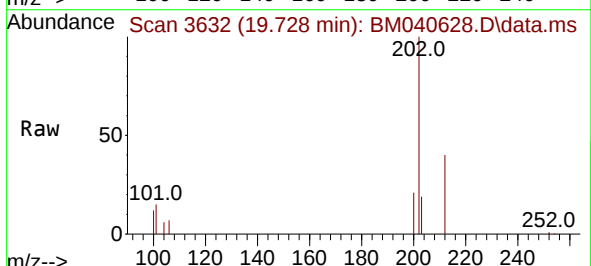
Tgt Ion:202 Resp: 4234
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 9.5 8.7 13.1

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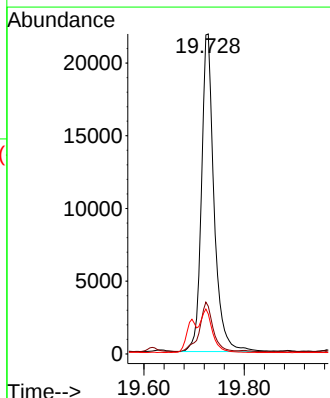
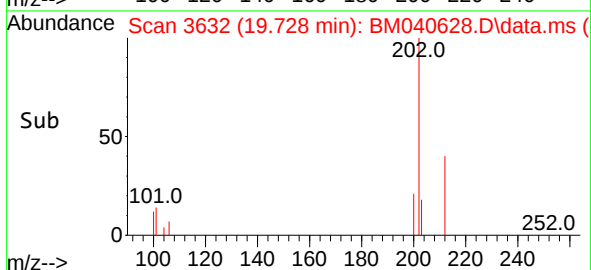
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

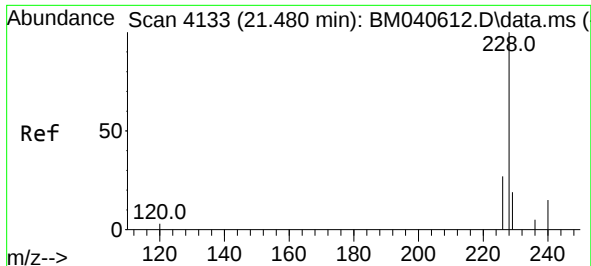


#20
Pyrene
Concen: 0.616 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040628.D
Acq: 05 Jul 2023 01:13



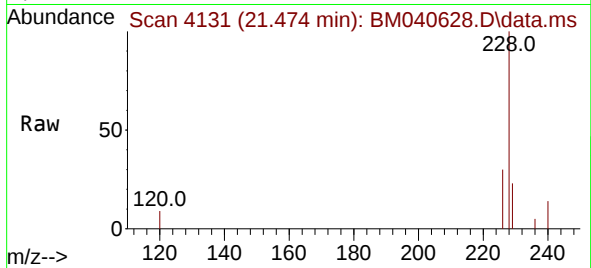
Tgt Ion:202 Resp: 38135
Ion Ratio Lower Upper
202 100
101 14.9 12.6 18.8
100 12.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.435 ng/u1
RT: 21.474 min Scan# 411
Delta R.T. -0.015 min
Lab File: BM040628.D
Acq: 05 Jul 2023 01:13

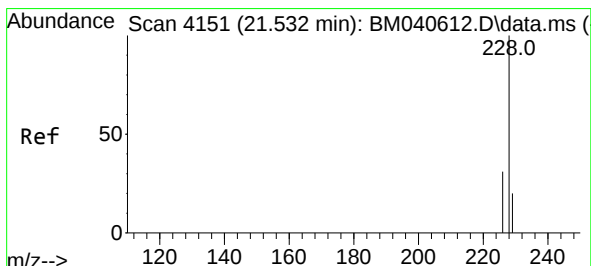
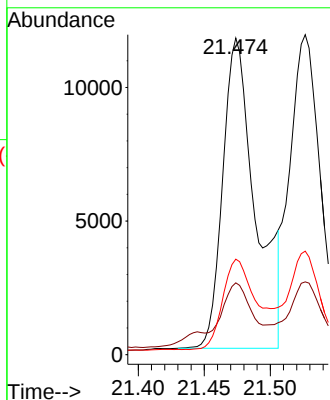
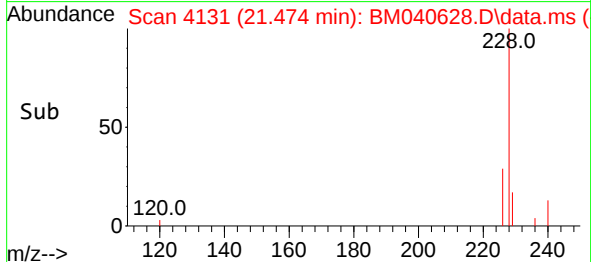
Instrument :
BNA_M
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DCGG1DL



Tgt Ion:228 Resp: 1999
Ion Ratio Lower Upper
228 100
229 22.7 16.0 24.0
226 30.2 22.3 33.5

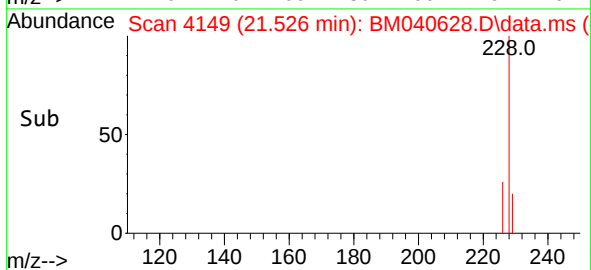
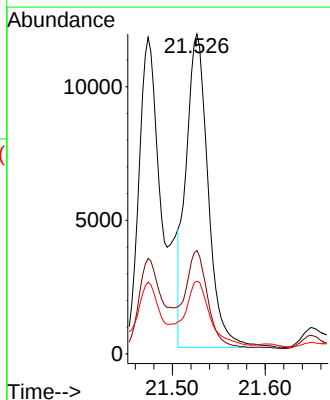
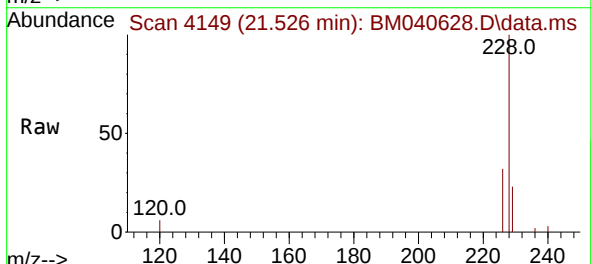
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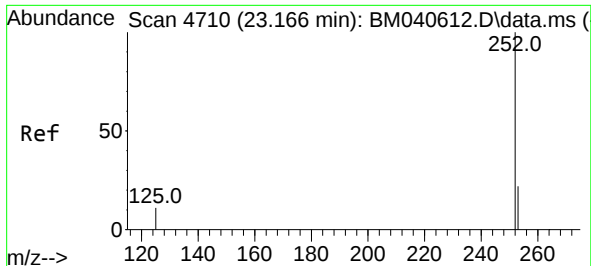
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 0.370 ng/u1
RT: 21.526 min Scan# 4149
Delta R.T. -0.015 min
Lab File: BM040628.D
Acq: 05 Jul 2023 01:13

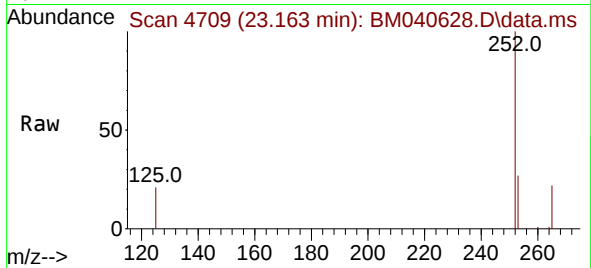
Tgt Ion:228 Resp: 19419
Ion Ratio Lower Upper
228 100
226 32.3 24.9 37.3
229 22.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.651 ng/ul
RT: 23.163 min Scan# 4710
Delta R.T. -0.018 min
Lab File: BM040628.D
Acq: 05 Jul 2023 01:13

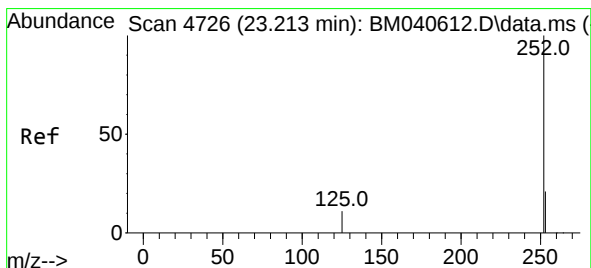
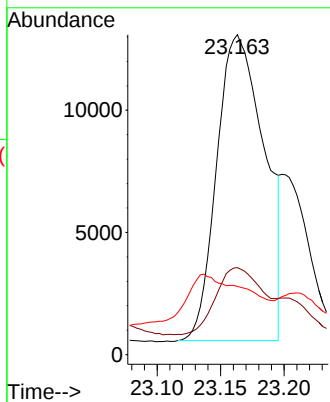
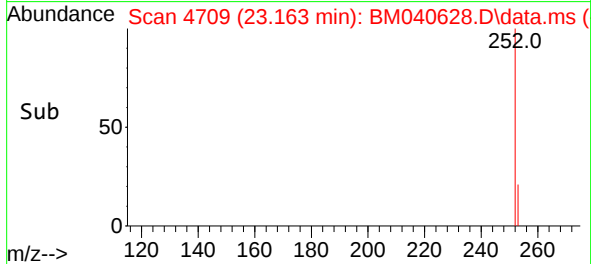
Instrument :
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Tgt Ion:252 Resp: 3255
Ion Ratio Lower Upper
252 100
253 27.2 0.0 52.8
125 21.3 0.0 43.0

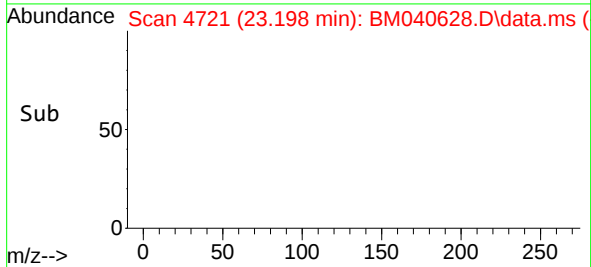
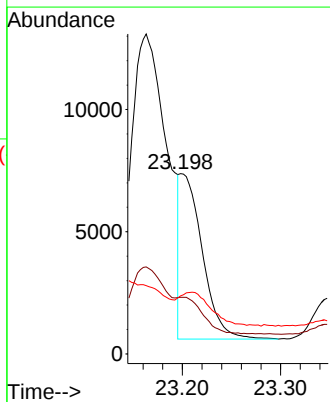
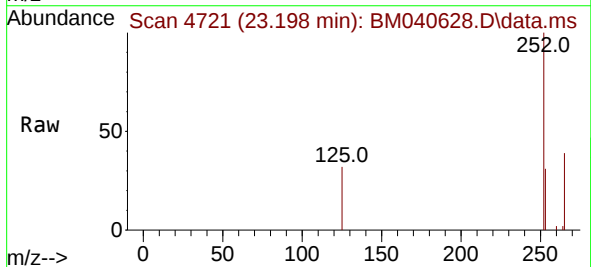
Manual Integrations
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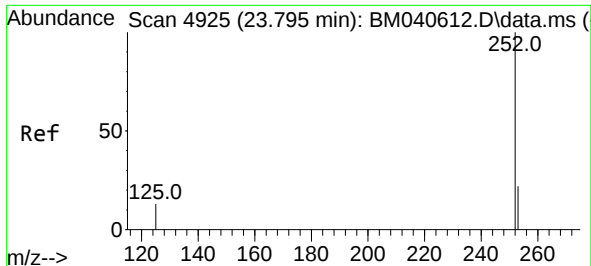
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.218 ng/ul m
RT: 23.198 min Scan# 4721
Delta R.T. -0.026 min
Lab File: BM040628.D
Acq: 05 Jul 2023 01:13

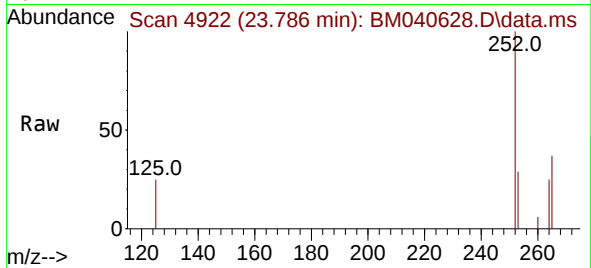
Tgt Ion:252 Resp: 10745
Ion Ratio Lower Upper
252 100
253 31.4 21.2 31.8
125 32.2 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.437 ng/ul
RT: 23.786 min Scan# 4925
Delta R.T. -0.018 min
Lab File: BM040628.D
Acq: 05 Jul 2023 01:13

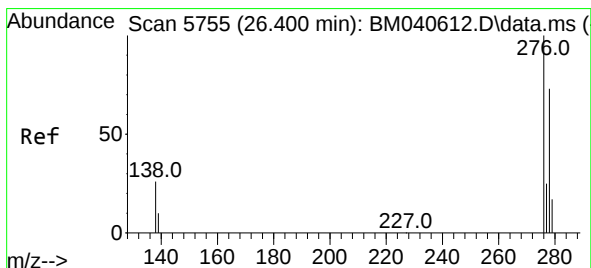
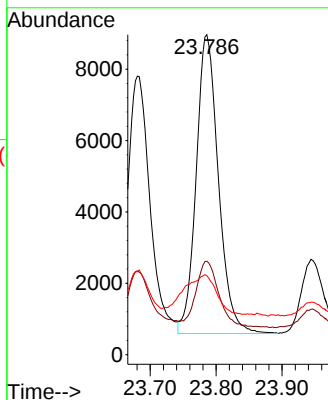
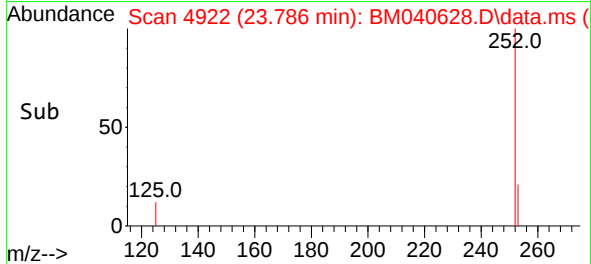
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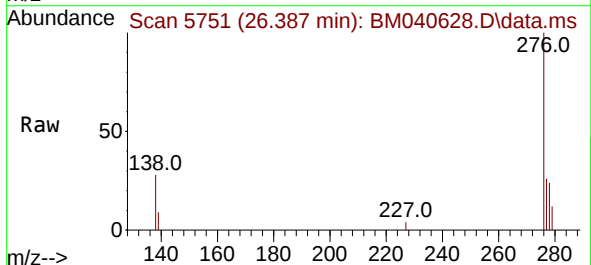
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Ion Ratio Lower Upper
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253 29.2 22.9 34.3
125 24.7 21.0 31.4

Manual Integrations
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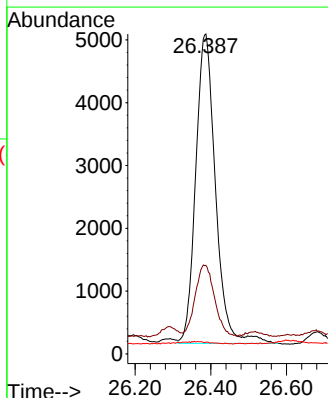
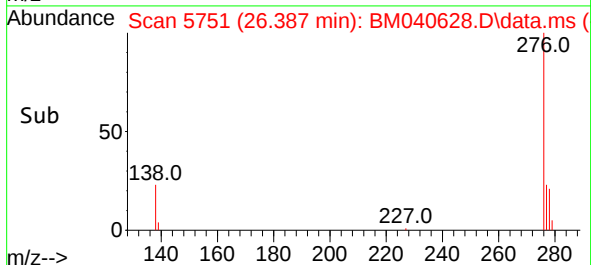
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

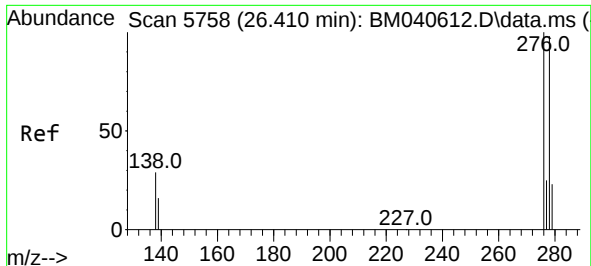


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.285 ng/ul
RT: 26.387 min Scan# 5751
Delta R.T. -0.030 min
Lab File: BM040628.D
Acq: 05 Jul 2023 01:13



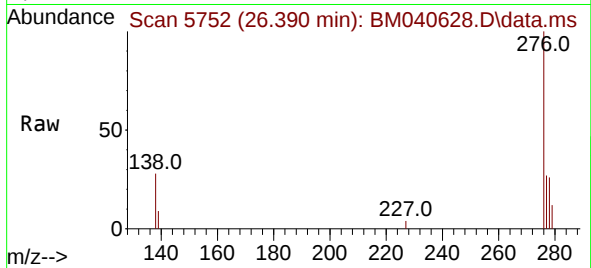
Tgt Ion:276 Resp: 17904
Ion Ratio Lower Upper
276 100
138 22.7 24.5 36.7#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul
RT: 26.390 min Scan# 5758
Delta R.T. -0.040 min
Lab File: BM040628.D
Acq: 05 Jul 2023 01:13

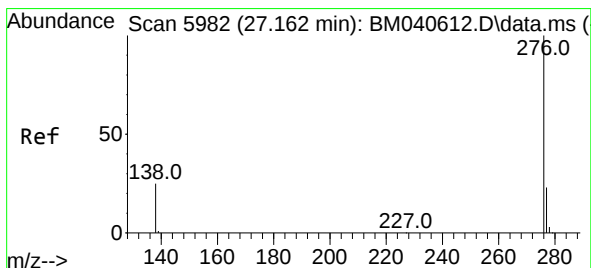
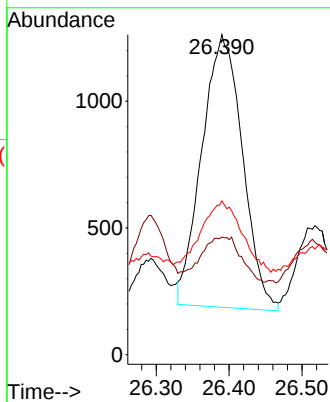
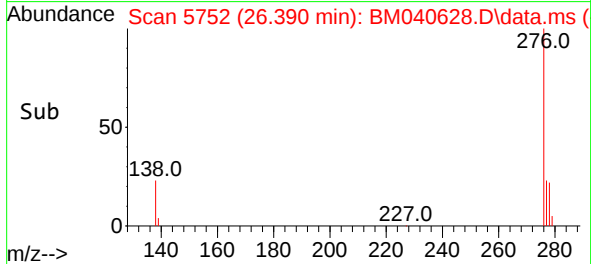
Instrument :
BNA_M
ClientSampleId :
DCGG1DL



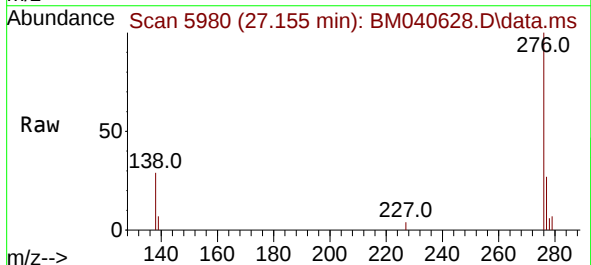
Tgt Ion:278 Resp: 4164
Ion Ratio Lower Upper
278 100
139 36.7 17.9 26.9
279 48.1 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.331 ng/ul
RT: 27.155 min Scan# 5980
Delta R.T. -0.027 min
Lab File: BM040628.D
Acq: 05 Jul 2023 01:13



Tgt Ion:276 Resp: 18178
Ion Ratio Lower Upper
276 100
138 29.1 23.0 34.6
277 26.8 20.3 30.5

