

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040296.D
 Acq On : 17 Jun 2023 00:34
 Operator : MA/JU
 Sample : 03080-09DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 01:18:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	9472	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	35222	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	18132	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	32139	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	18272	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	18090	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	8990	0.769	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	2072	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	2952	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	2443	0.029	ng/ul#	84
7) 2-Methylnaphthalene	12.439	142	1334	0.026	ng/ul	100
10) Acenaphthylene	14.327	152	2320	0.037	ng/ul#	84
11) Acenaphthene	14.670	153	1304	0.024	ng/ul	96
15) Phenanthrene	17.391	178	24204	0.286	ng/ul	100
16) Anthracene	17.484	178	3609	0.050	ng/ul#	90
19) Fluoranthene	19.403	202	55363	0.889	ng/ul	99
20) Pyrene	19.765	202	49399m	0.764	ng/ul	
21) Benzo(a)anthracene	21.509	228	21411	0.397	ng/ul	98
22) Chrysene	21.562	228	28155	0.494	ng/ul	96
24) Benzo(b)fluoranthene	23.210	252	43870	0.658	ng/ul	96
25) Benzo(k)fluoranthene	23.251	252	16115m	0.257	ng/ul	
26) Benzo(a)pyrene	23.839	252	28028	0.512	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.464	276	25052	0.362	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.477	278	5953	0.107	ng/ul#	70
29) Benzo(g,h,i)perylene	27.242	276	24815	0.429	ng/ul	96

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

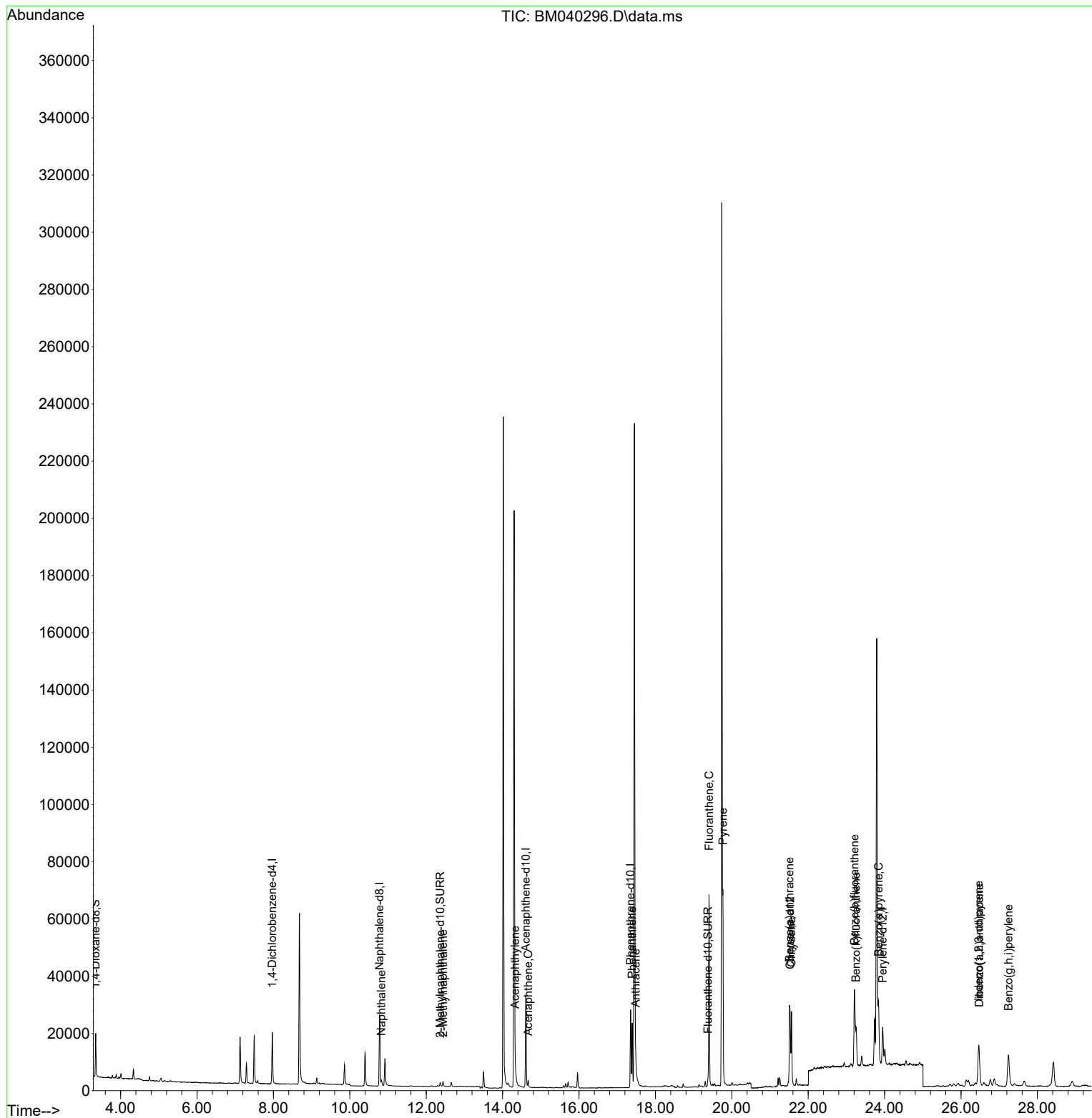
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040296.D
Acq On : 17 Jun 2023 00:34
Operator : MA/JU
Sample : 03080-09DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

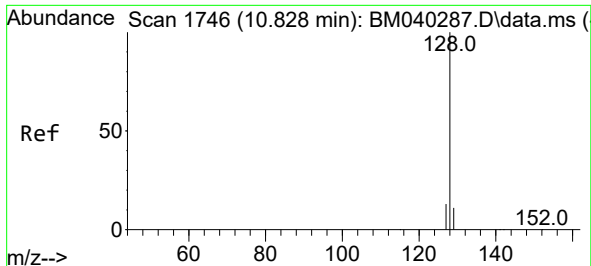
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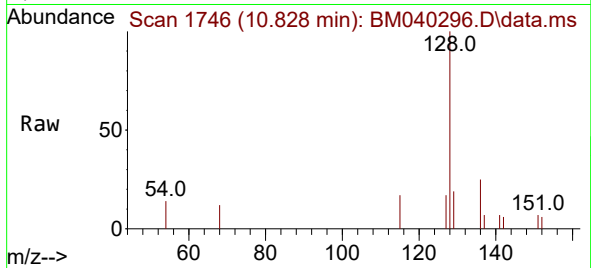
Quant Time: Jun 17 01:18:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.828 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BM040296.D
Acq: 17 Jun 2023 00:34

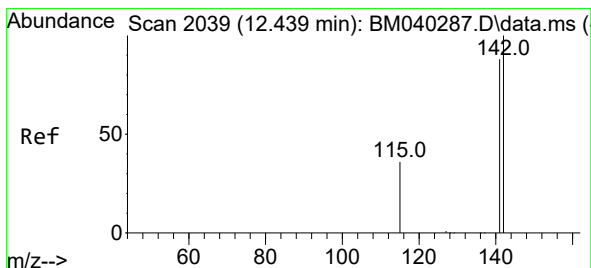
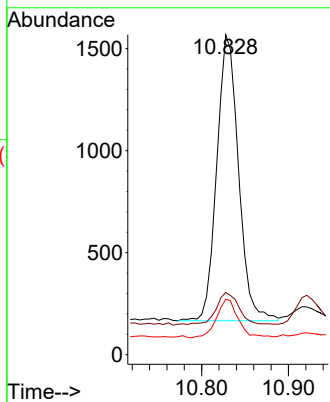
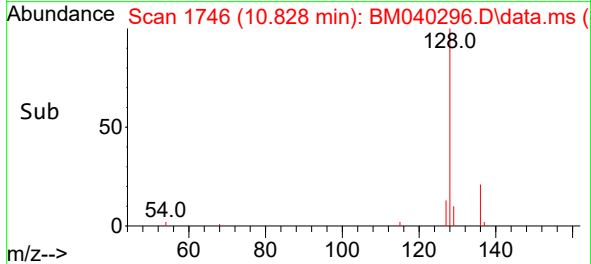
Instrument :
BNA_M
ClientSampleId :
DCFH8DL



Tgt Ion:128 Resp: 244
Ion Ratio Lower Upper
128 100
129 19.5 9.1 13.7
127 17.3 10.4 15.6

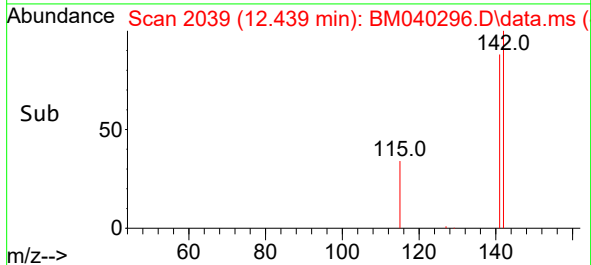
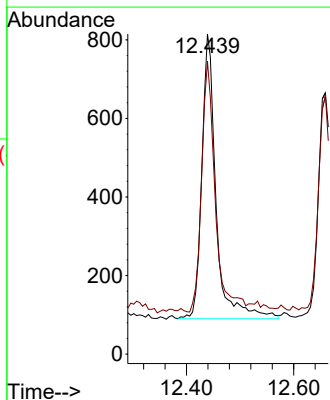
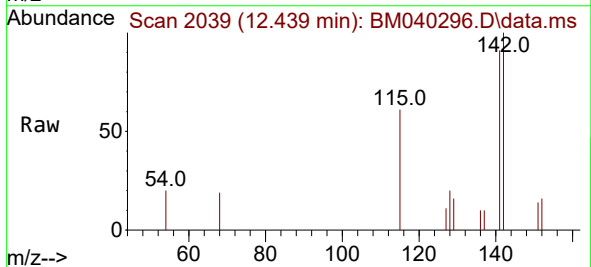
Manual Integrations
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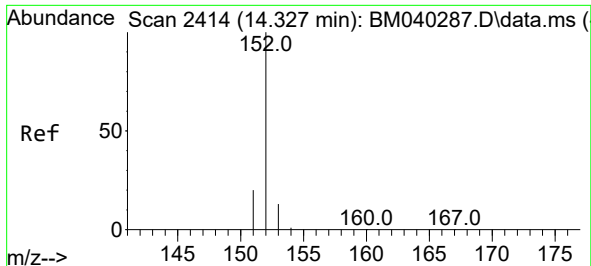
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040296.D
Acq: 17 Jun 2023 00:34

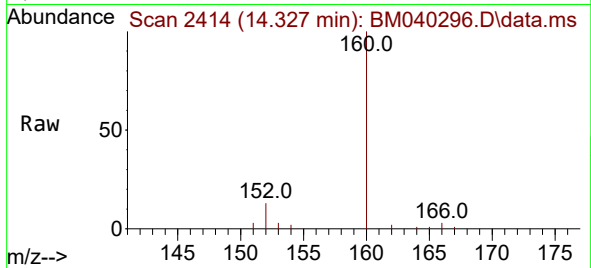
Tgt Ion:142 Resp: 1334
Ion Ratio Lower Upper
142 100
141 88.4 70.6 106.0





#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040296.D
Acq: 17 Jun 2023 00:34

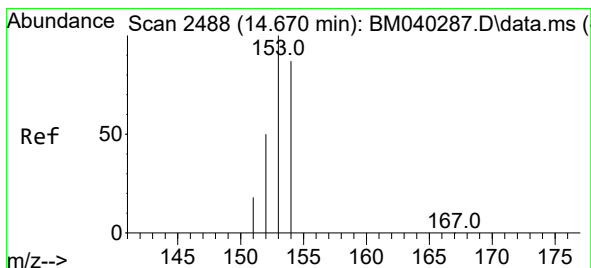
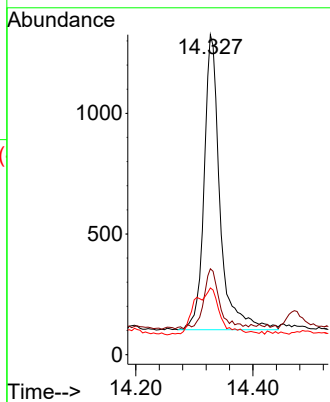
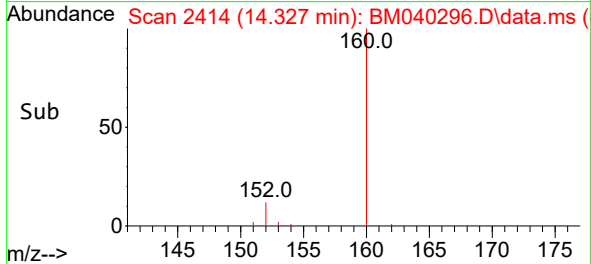
Instrument :
BNA_M
ClientSampleId :
DCFH8DL



Tgt Ion:152 Resp: 2320
Ion Ratio Lower Upper
152 100
151 26.8 16.3 24.5
153 20.8 10.7 16.1

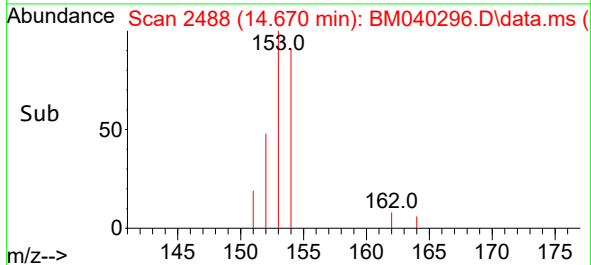
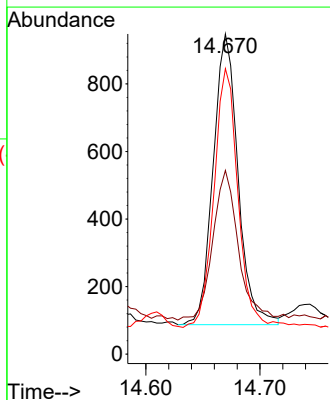
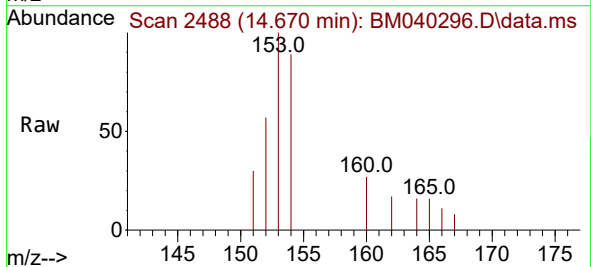
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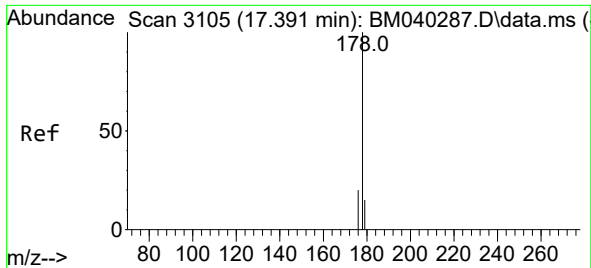
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040296.D
Acq: 17 Jun 2023 00:34

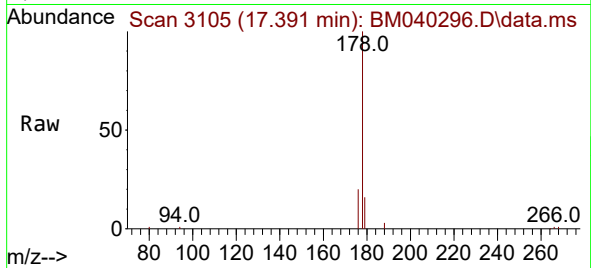
Tgt Ion:153 Resp: 1304
Ion Ratio Lower Upper
153 100
152 57.4 40.3 60.5
154 89.1 70.5 105.7





#15
Phenanthrene
Concen: 0.286 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040296.D
Acq: 17 Jun 2023 00:34

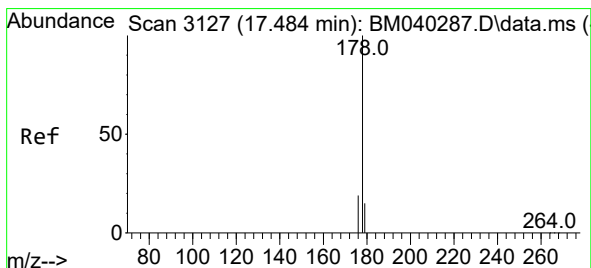
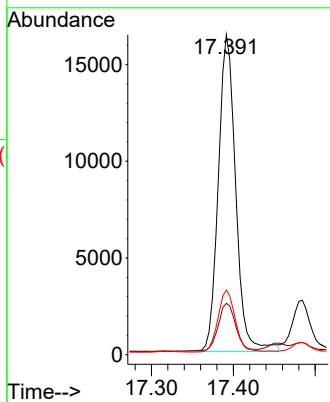
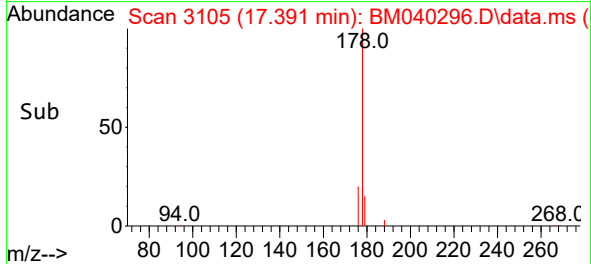
Instrument :
BNA_M
ClientSampleId :
DCFH8DL



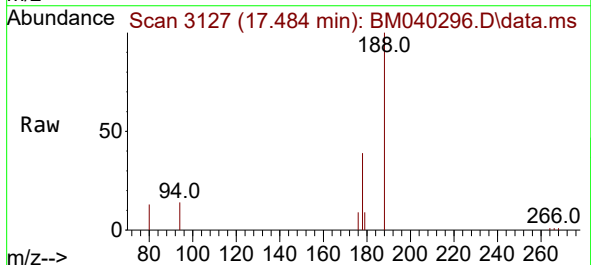
Tgt Ion:178 Resp: 24204
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 20.2 16.1 24.1

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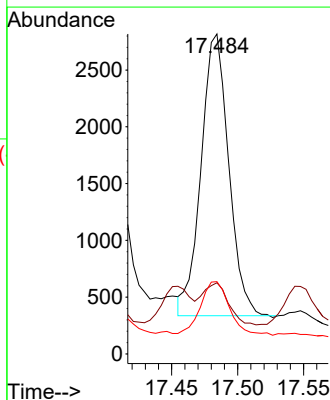
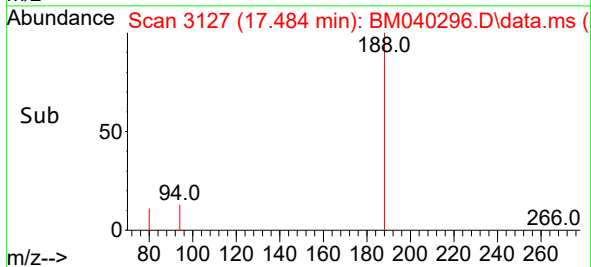
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

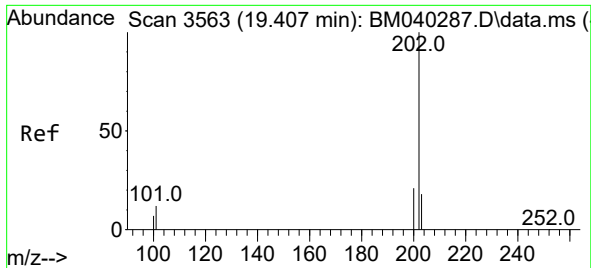


#16
Anthracene
Concen: 0.050 ng/ul
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040296.D
Acq: 17 Jun 2023 00:34



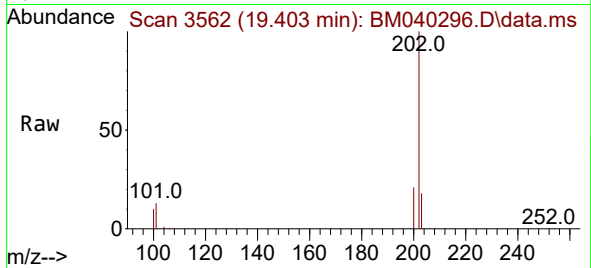
Tgt Ion:178 Resp: 3609
Ion Ratio Lower Upper
178 100
179 22.2 13.0 19.4#
176 22.6 15.5 23.3





#19
Fluoranthene
Concen: 0.889 ng/ul
RT: 19.403 min Scan# 3563
Delta R.T. -0.005 min
Lab File: BM040296.D
Acq: 17 Jun 2023 00:34

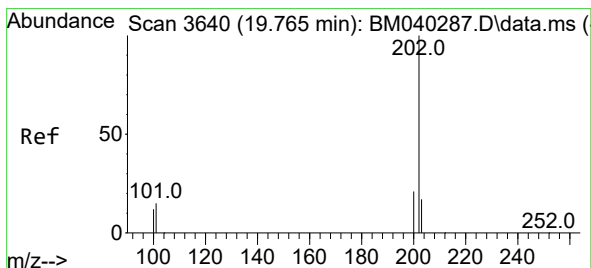
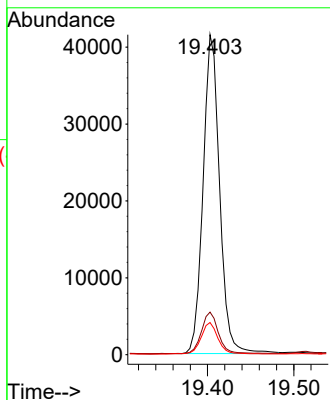
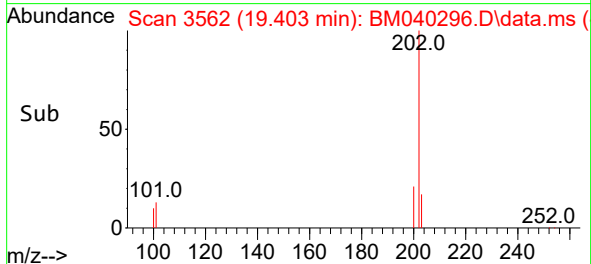
Instrument :
BNA_M
ClientSampleId :
DCFH8DL



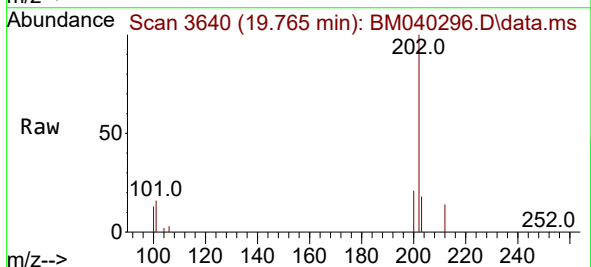
Tgt Ion:202 Resp: 5536
Ion Ratio Lower Upper
202 100
101 13.3 10.2 15.4
100 10.0 7.6 11.4

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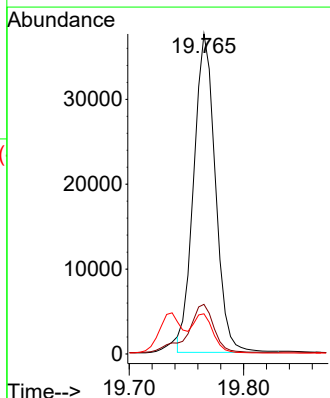
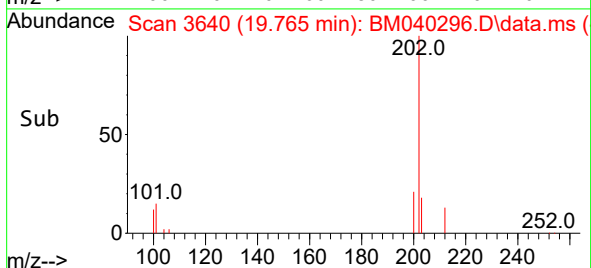
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

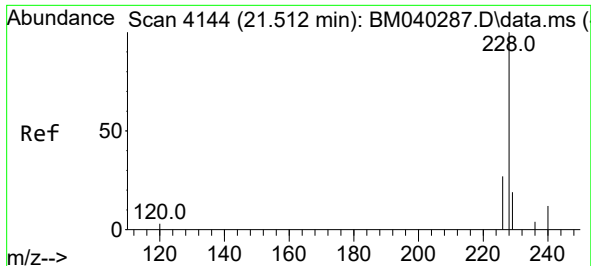


#20
Pyrene
Concen: 0.764 ng/ul m
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040296.D
Acq: 17 Jun 2023 00:34



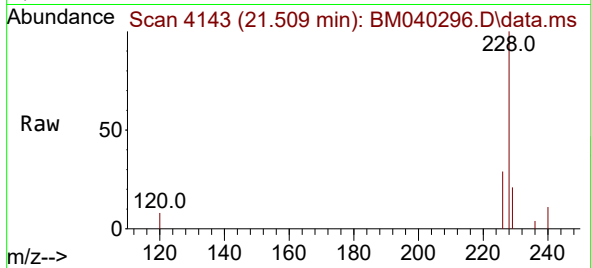
Tgt Ion:202 Resp: 49399
Ion Ratio Lower Upper
202 100
101 15.5 11.8 17.8
100 12.6 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040296.D
Acq: 17 Jun 2023 00:34

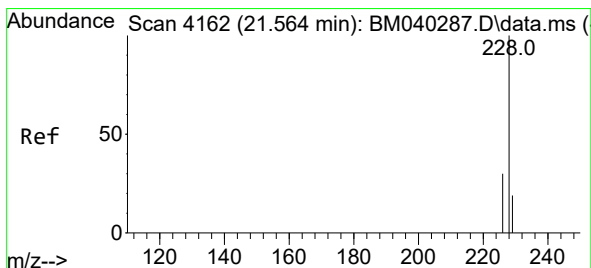
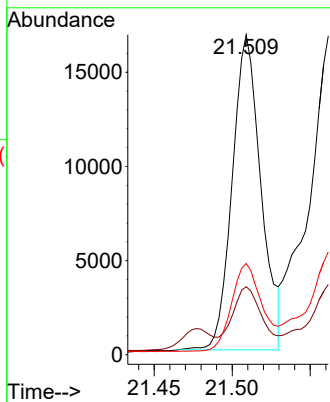
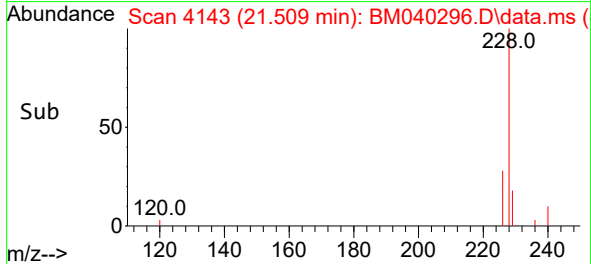
Instrument :
BNA_M
ClientSampleId :
DCFH8DL



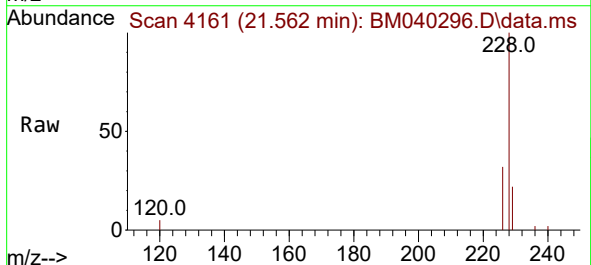
Tgt Ion:228 Resp: 2141
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.8
226 28.5 22.0 33.0

Manual Integrations
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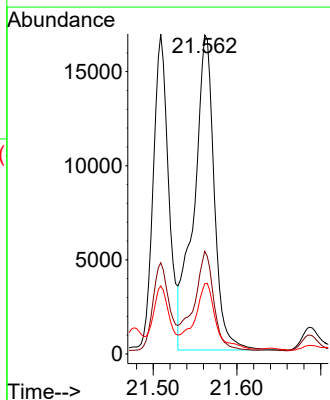
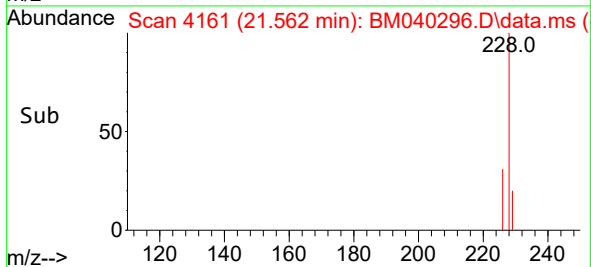
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

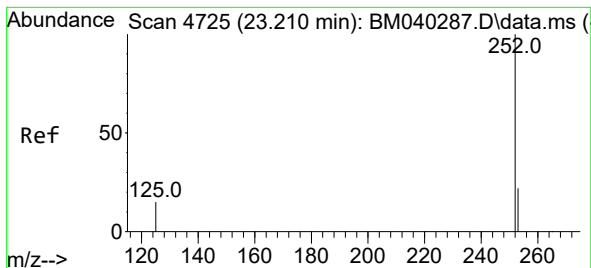


#22
Chrysene
Concen: 0.494 ng/ul
RT: 21.562 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM040296.D
Acq: 17 Jun 2023 00:34



Tgt Ion:228 Resp: 28155
Ion Ratio Lower Upper
228 100
226 32.2 24.3 36.5
229 22.0 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.658 ng/ul

RT: 23.210 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM040296.D

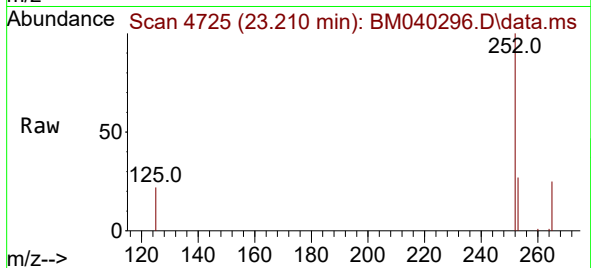
Acq: 17 Jun 2023 00:34

Instrument :

BNA_M

ClientSampleId :

DCFH8DL



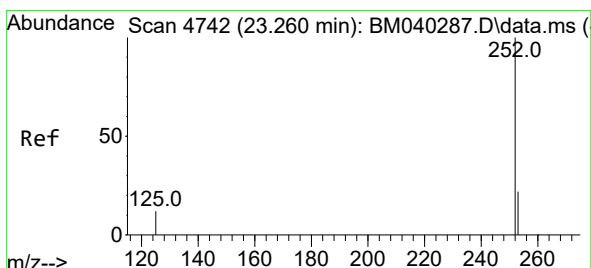
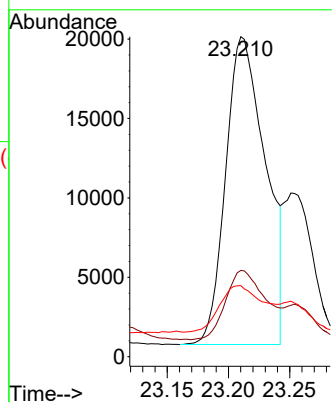
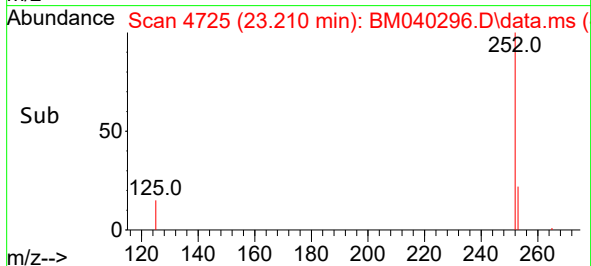
Tgt Ion:	252	Resp:	43870
Ion Ratio	Lower	Upper	
252	100		
253	27.0	0.0	52.4
125	22.2	0.0	38.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#25

Benzo(k)fluoranthene

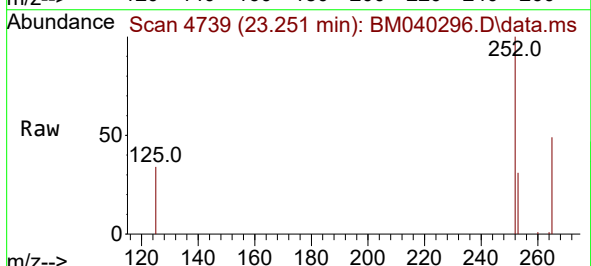
Concen: 0.257 ng/ul m

RT: 23.251 min Scan# 4739

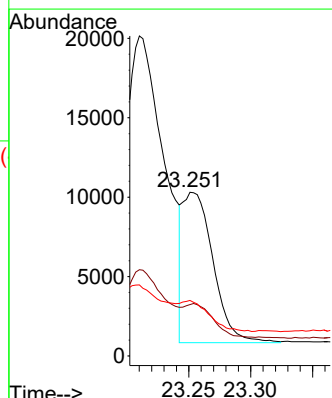
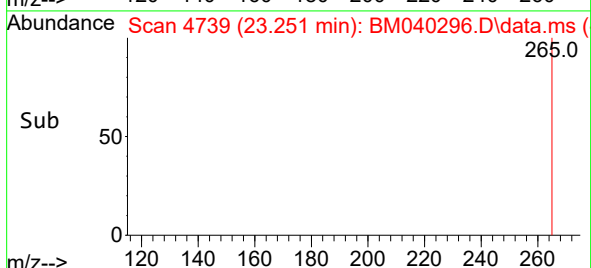
Delta R.T. -0.015 min

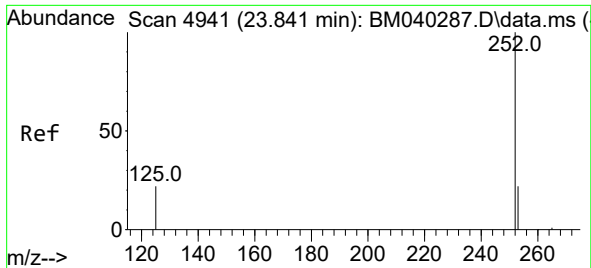
Lab File: BM040296.D

Acq: 17 Jun 2023 00:34



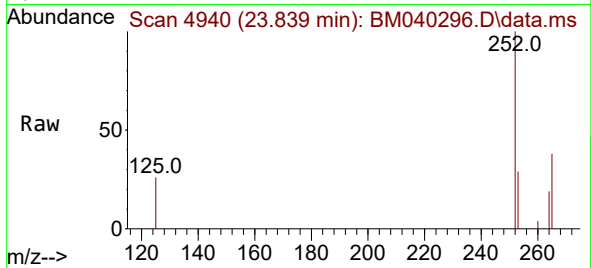
Tgt Ion:	252	Resp:	16115
Ion Ratio	Lower	Upper	
252	100		
253	31.4	21.5	32.3
125	33.9	14.7	22.1





#26
Benzo(a)pyrene
Concen: 0.512 ng/ul
RT: 23.839 min Scan# 4941
Delta R.T. -0.012 min
Lab File: BM040296.D
Acq: 17 Jun 2023 00:34

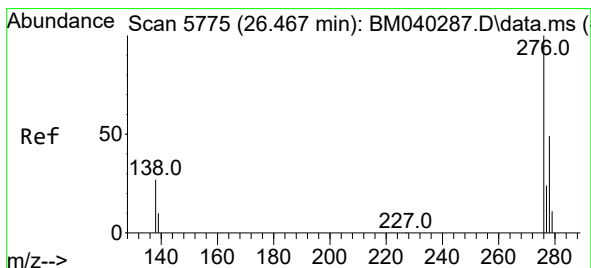
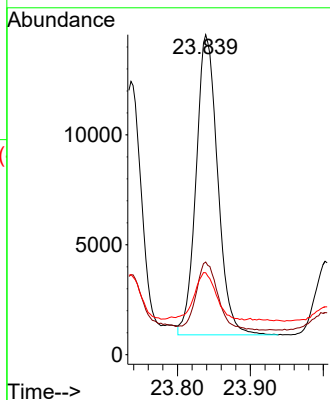
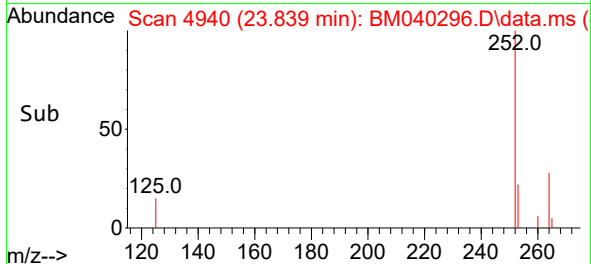
Instrument :
BNA_M
ClientSampleId :
DCFH8DL



Tgt Ion:252 Resp: 28028
Ion Ratio Lower Upper
252 100
253 29.0 23.4 35.0
125 25.6 19.7 29.5

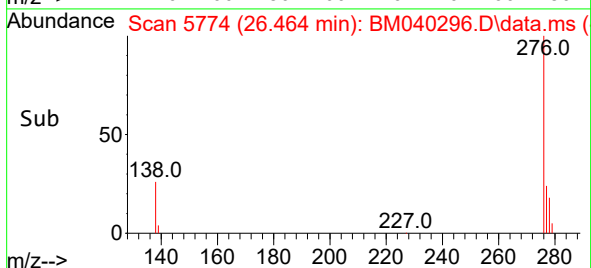
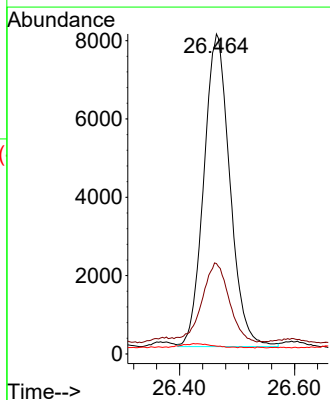
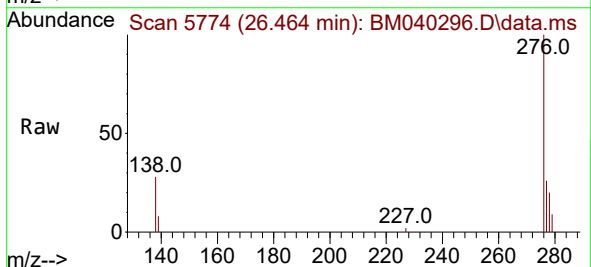
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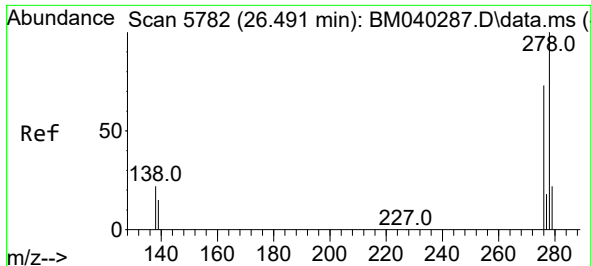
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng/ul
RT: 26.464 min Scan# 5774
Delta R.T. -0.013 min
Lab File: BM040296.D
Acq: 17 Jun 2023 00:34

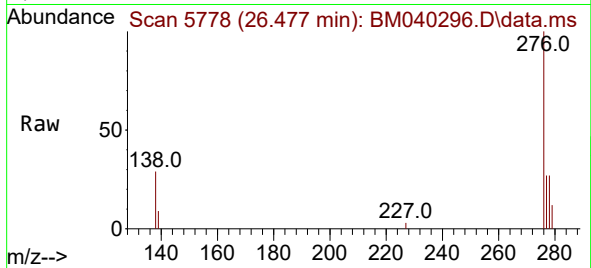
Tgt Ion:276 Resp: 25052
Ion Ratio Lower Upper
276 100
138 26.7 23.3 34.9
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.107 ng/ul
RT: 26.477 min Scan# 5778
Delta R.T. -0.020 min
Lab File: BM040296.D
Acq: 17 Jun 2023 00:34

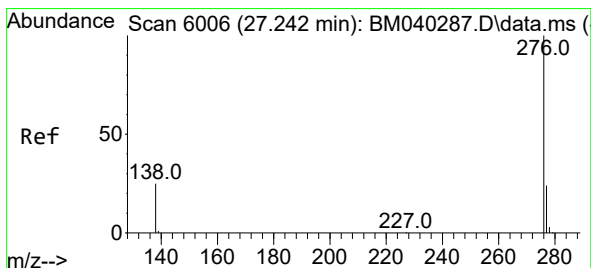
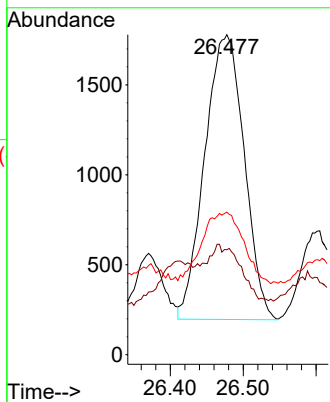
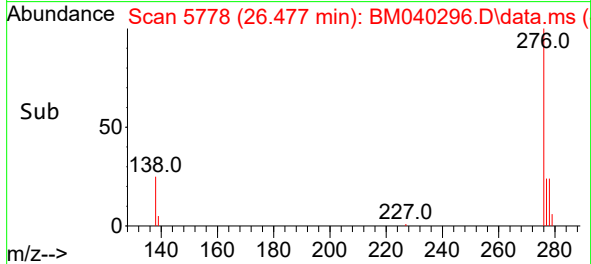
Instrument :
BNA_M
ClientSampleId :
DCFH8DL



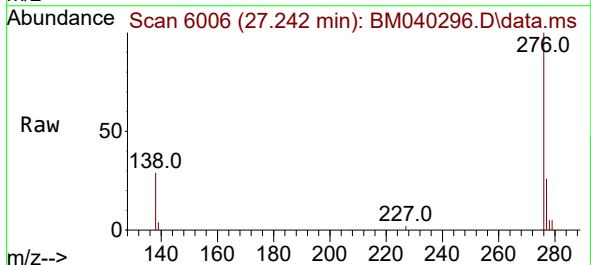
Tgt Ion:278 Resp: 595
Ion Ratio Lower Upper
278 100
139 32.8 16.4 24.6
279 44.6 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#29
Benzo(g,h,i)perylene
Concen: 0.429 ng/ul
RT: 27.242 min Scan# 6006
Delta R.T. -0.013 min
Lab File: BM040296.D
Acq: 17 Jun 2023 00:34



Tgt Ion:276 Resp: 24815
Ion Ratio Lower Upper
276 100
138 28.9 21.0 31.4
277 25.7 19.6 29.4

