

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040591.D
 Acq On : 04 Jul 2023 01:03
 Operator : MA/JU
 Sample : 03242-19DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGC0DL

Quant Time: Jul 04 04:17:20 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	6915	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	25822	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.563	164	12007	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	21896	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	12378	0.400	ng/ul	0.00
23) Perylene-d12	23.903	264	11954	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	6078	0.560	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	1606	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	2101	0.053	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.778	128	8420	0.118	ng/ul#	96
7) 2-Methylnaphthalene	12.389	142	5972	0.143	ng/ul	99
8) 1-Methylnaphthalene	12.609	142	2260	0.054	ng/ul	100
10) Acenaphthylene	14.286	152	7729	0.144	ng/ul	95
15) Phenanthrene	17.353	178	22433	0.330	ng/ul	99
16) Anthracene	17.446	178	8716	0.152	ng/ul#	95
19) Fluoranthene	19.370	202	93041	1.770	ng/ul	97
20) Pyrene	19.733	202	75182	1.334	ng/ul	99
21) Benzo(a)anthracene	21.480	228	59565	1.423	ng/ul	97
22) Chrysene	21.529	228	50645	1.060	ng/ul	97
24) Benzo(b)fluoranthene	23.169	252	93875	2.029	ng/ul	93
25) Benzo(k)fluoranthene	23.210	252	24685m	0.541	ng/ul	
26) Benzo(a)pyrene	23.795	252	46752	1.122	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.397	276	43757	0.754	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.407	278	11219	0.247	ng/ul#	81
29) Benzo(g,h,i)perylene	27.172	276	42847	0.842	ng/ul	98

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

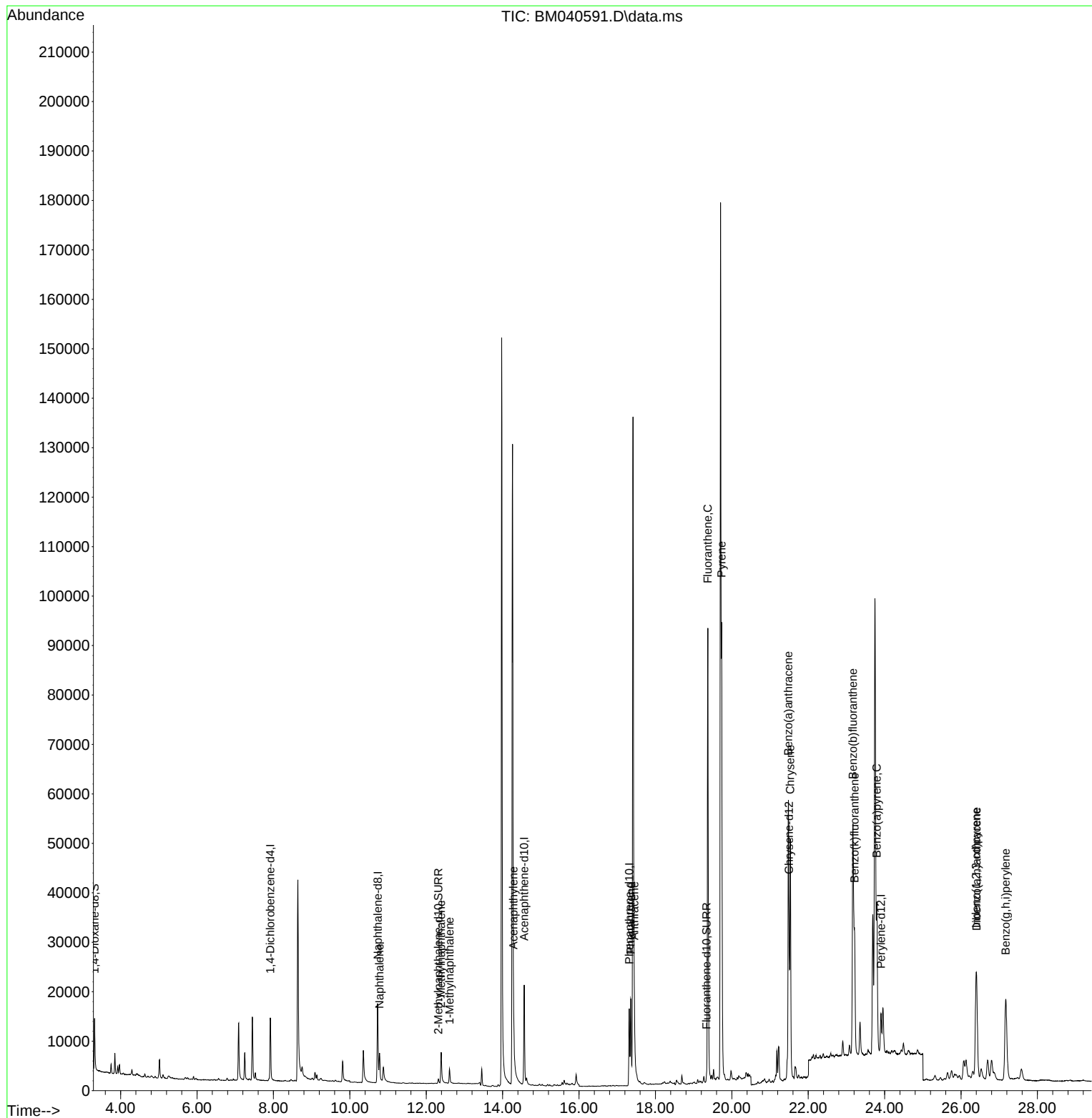
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040591.D
Acq On : 04 Jul 2023 01:03
Operator : MA/JU
Sample : 03242-19DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

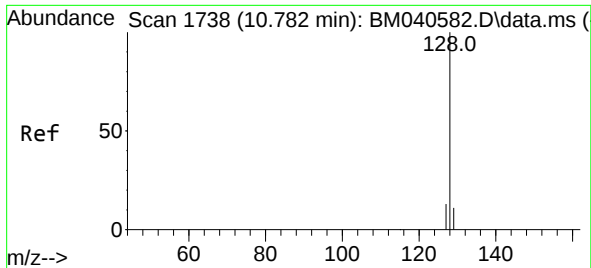
Instrument :
BNA_M
ClientSampleId :
DCGC0DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

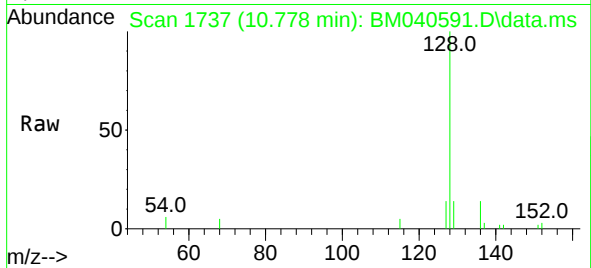
Quant Time: Jul 04 04:17:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.118 ng/ul
RT: 10.778 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

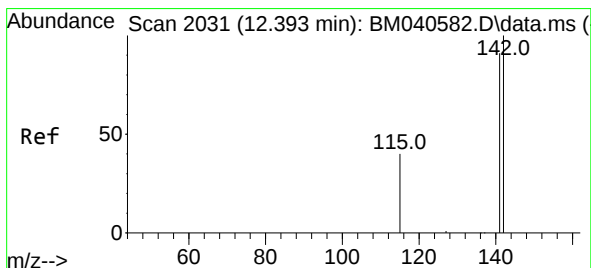
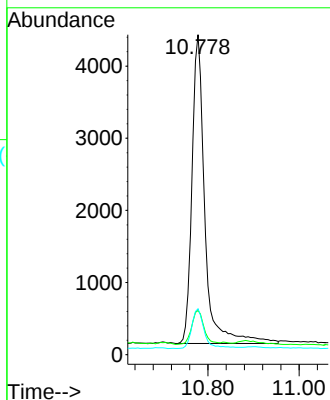
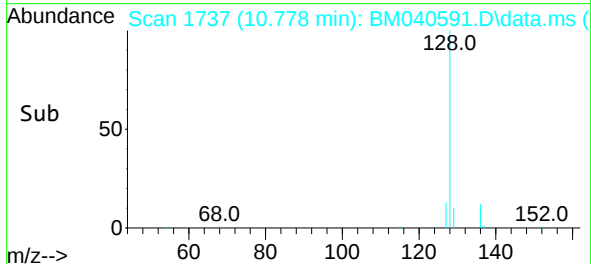
Instrument :
BNA_M
ClientSampleId :
DCGC0DL



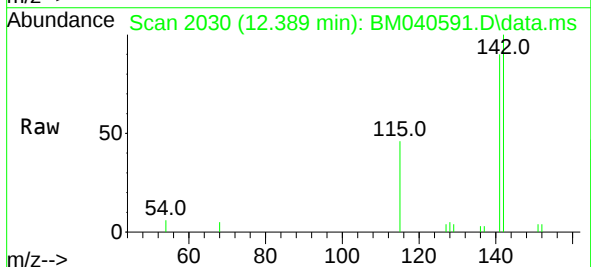
Tgt Ion:128 Resp: 8420
Ion Ratio Lower Upper
128 100
129 13.8 9.2 13.8
127 14.4 10.6 15.8

Manual Integrations
APPROVED

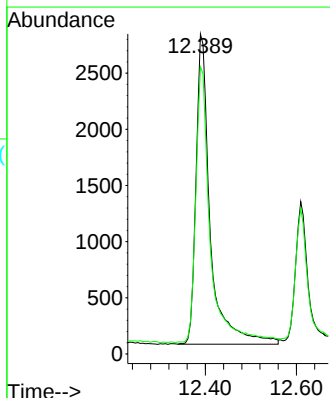
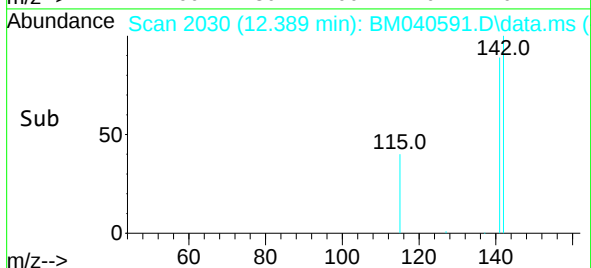
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

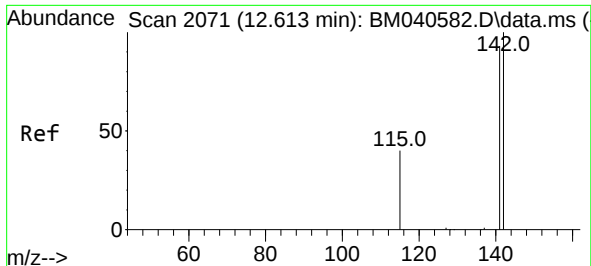


#7
2-Methylnaphthalene
Concen: 0.143 ng/ul
RT: 12.389 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03



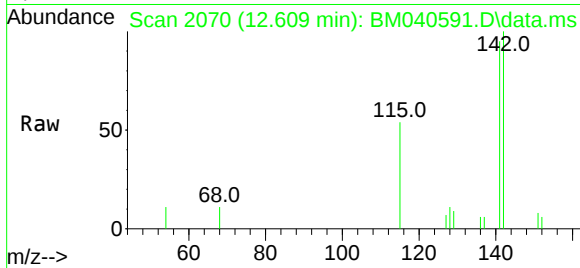
Tgt Ion:142 Resp: 5972
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.609 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

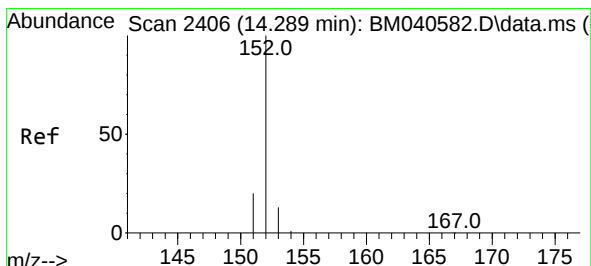
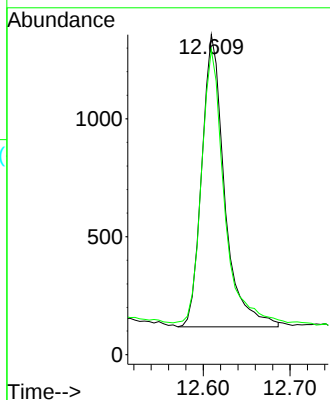
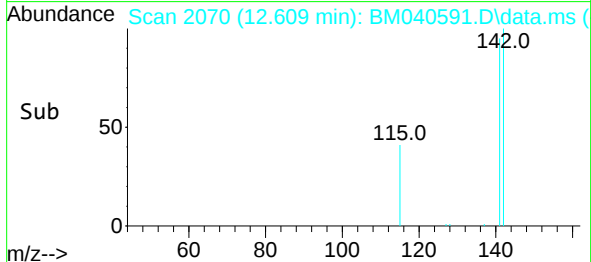
Instrument :
BNA_M
ClientSampleId :
DCGC0DL



Tgt Ion:142 Resp: 2260
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5

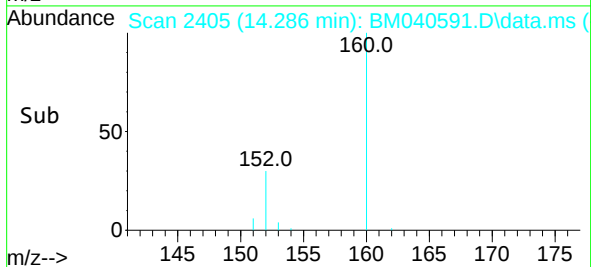
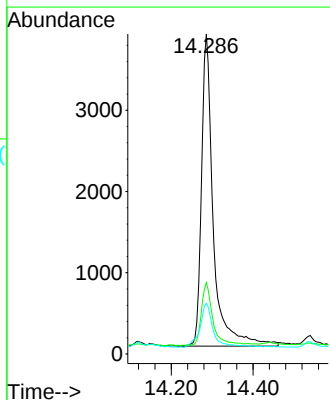
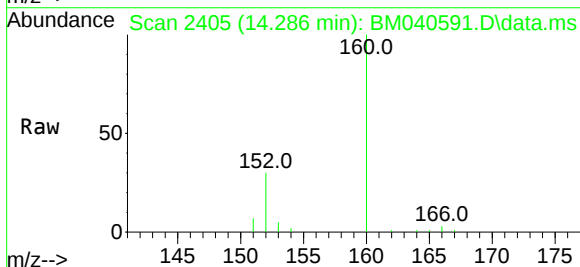
Manual Integrations
APPROVED

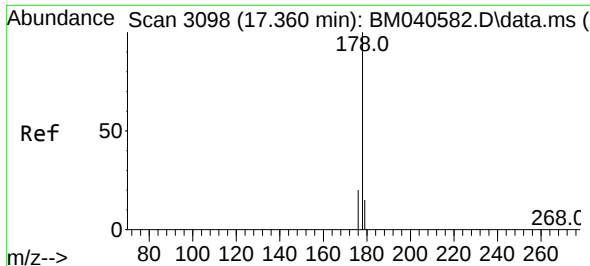
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.144 ng/ul
RT: 14.286 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

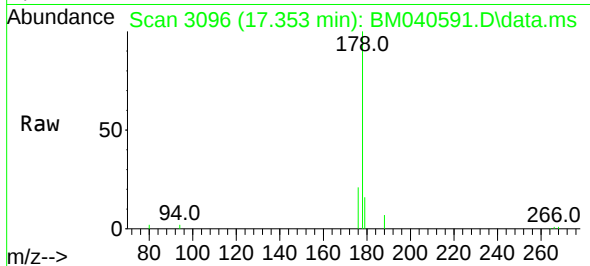
Tgt Ion:152 Resp: 7729
Ion Ratio Lower Upper
152 100
151 22.3 16.2 24.2
153 15.8 10.9 16.3





#15
Phenanthrene
Concen: 0.330 ng/ul
RT: 17.353 min Scan# 3096
Delta R.T. -0.009 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

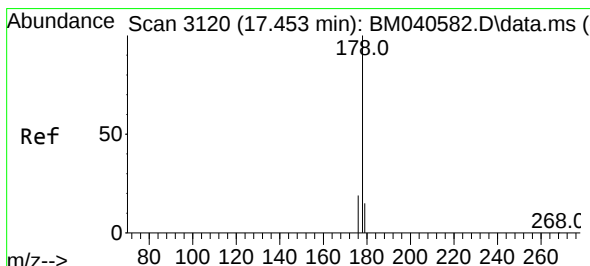
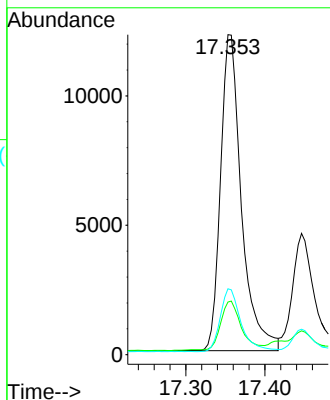
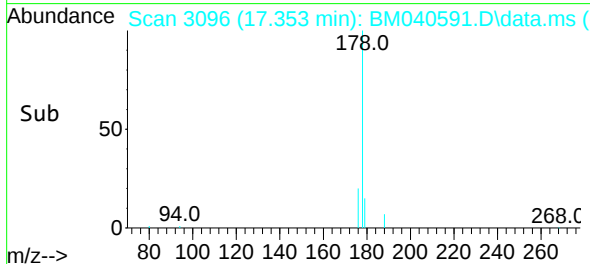
Instrument :
BNA_M
ClientSampleId :
DCGC0DL



Tgt Ion:178 Resp: 2243
Ion Ratio Lower Upper
178 100
179 16.5 12.8 19.2
176 20.6 16.4 24.6

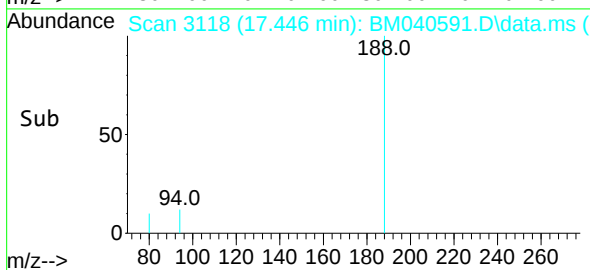
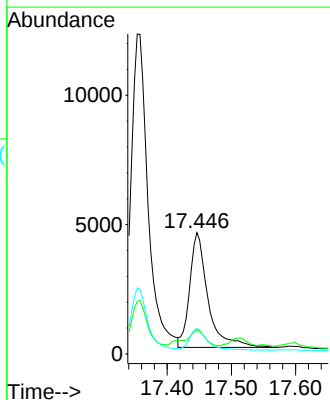
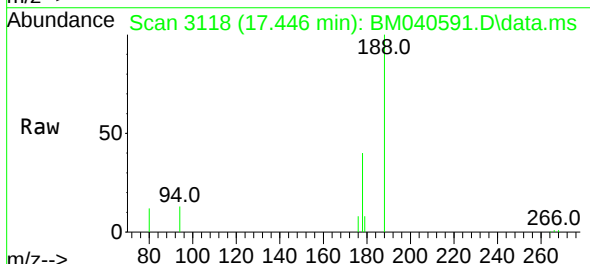
Manual Integrations
APPROVED

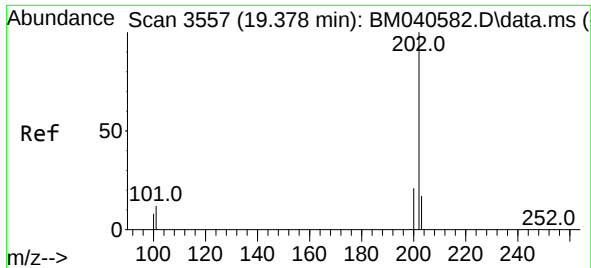
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 0.152 ng/ul
RT: 17.446 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

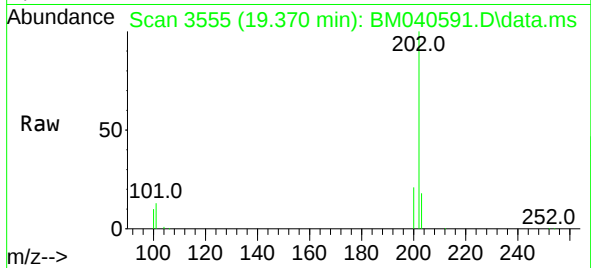
Tgt Ion:178 Resp: 8716
Ion Ratio Lower Upper
178 100
179 19.6 12.9 19.3#
176 21.0 15.8 23.6





#19
Fluoranthene
Concen: 1.770 ng/ul
RT: 19.370 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

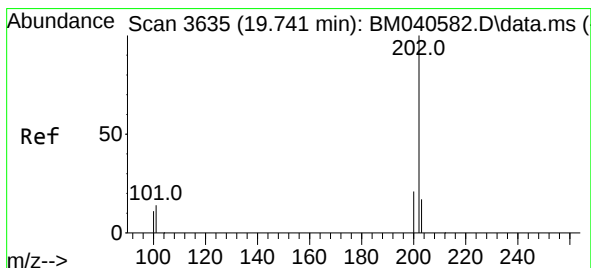
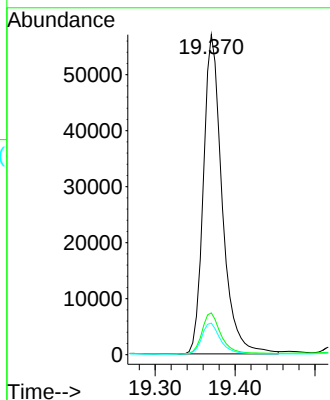
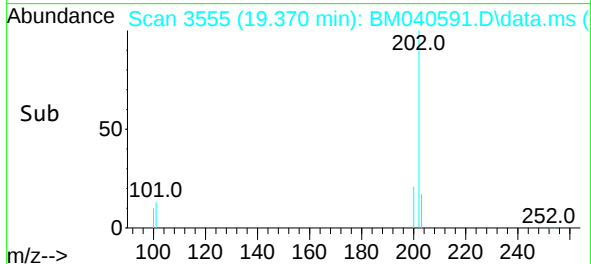
Instrument :
BNA_M
ClientSampleId :
DCGC0DL



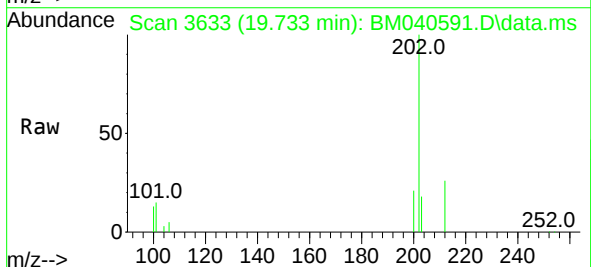
Tgt Ion:202 Resp: 9304
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 9.9 8.7 13.1

Manual Integrations
APPROVED

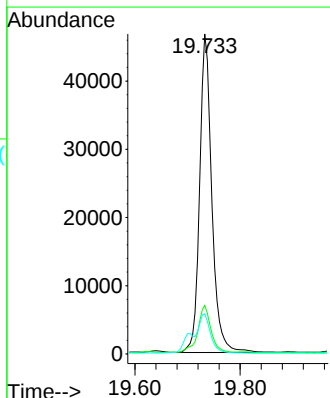
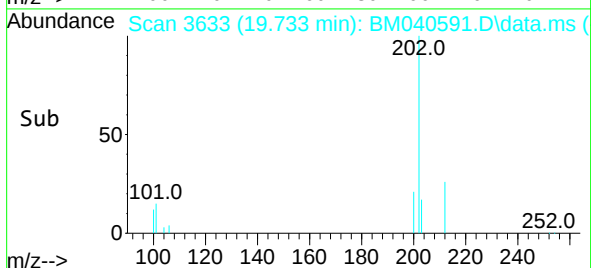
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

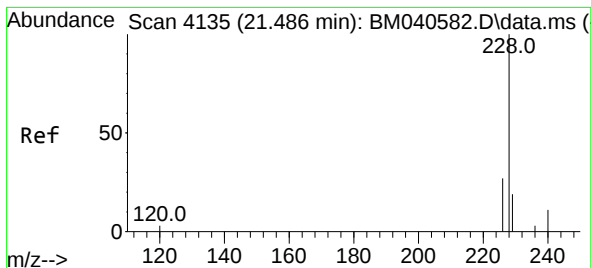


#20
Pyrene
Concen: 1.334 ng/ul
RT: 19.733 min Scan# 3633
Delta R.T. -0.009 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03



Tgt Ion:202 Resp: 75182
Ion Ratio Lower Upper
202 100
101 15.2 12.6 18.8
100 12.5 9.8 14.6





#21

Benzo(a)anthracene

Concen: 1.423 ng/ul

RT: 21.480 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM040591.D

Acq: 04 Jul 2023 01:03

Instrument :

BNA_M

ClientSampleId :

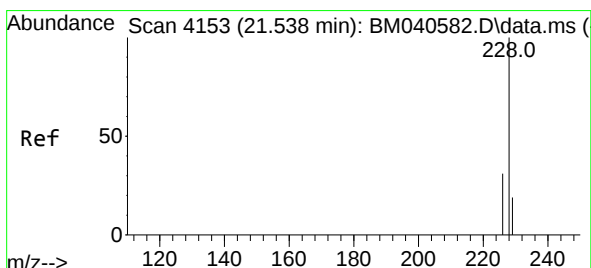
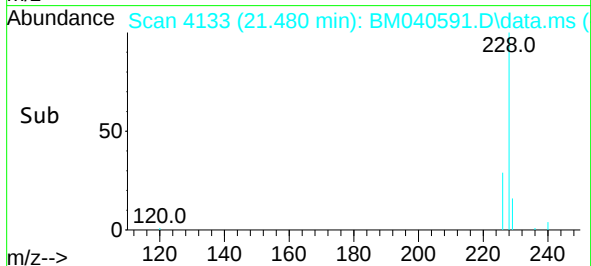
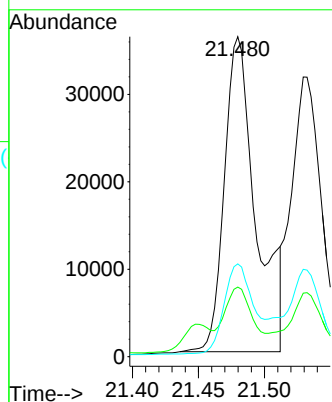
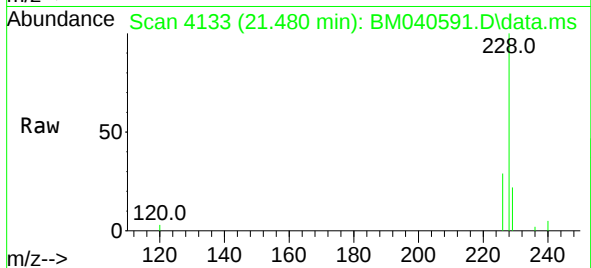
DCGC0DL

Tgt Ion:228	Resp:	5956
Ion Ratio	Lower	Upper
228	100	
229	21.8	16.0 24.0
226	29.0	22.3 33.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#22

Chrysene

Concen: 1.060 ng/ul

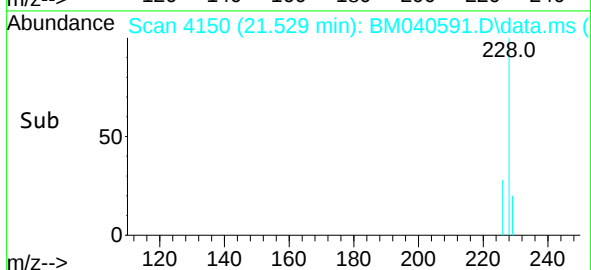
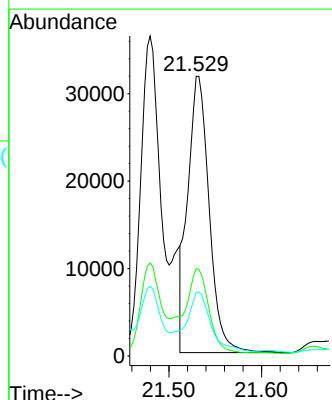
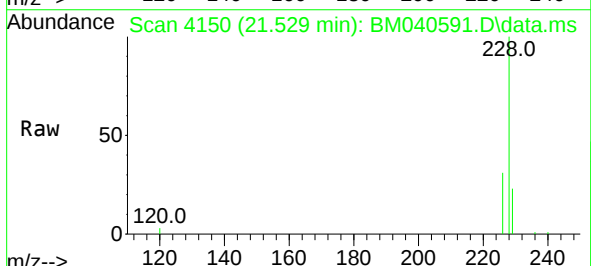
RT: 21.529 min Scan# 4150

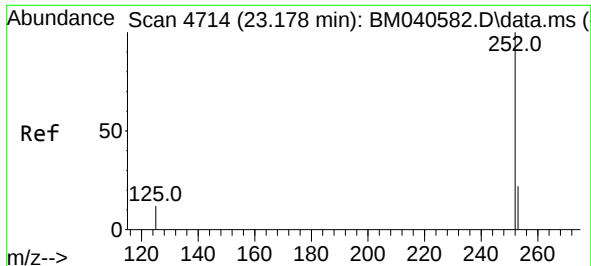
Delta R.T. -0.012 min

Lab File: BM040591.D

Acq: 04 Jul 2023 01:03

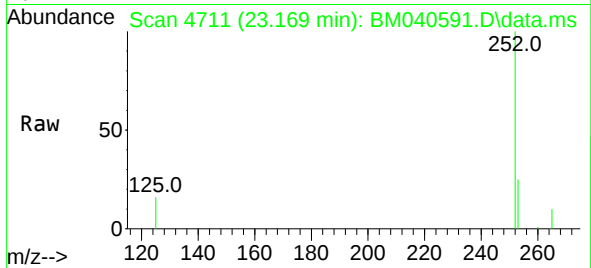
Tgt Ion:228	Resp:	50645
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.9 37.3
229	22.7	15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.029 ng/ul
RT: 23.169 min Scan# 4711
Delta R.T. -0.012 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

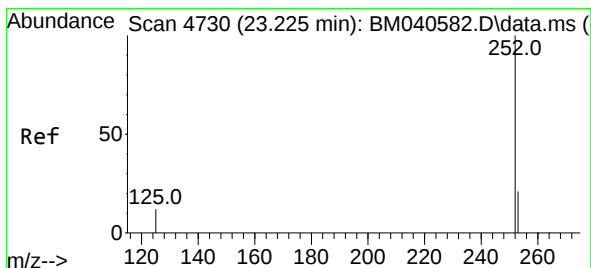
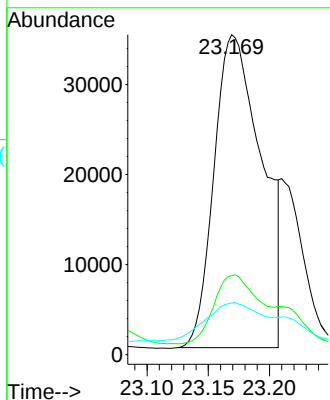
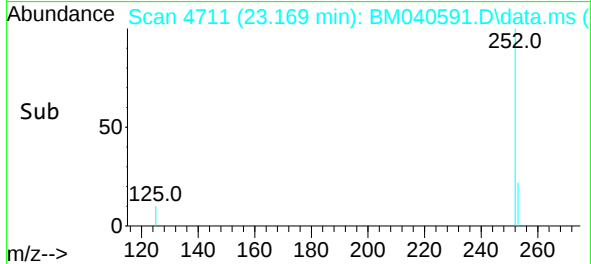
Instrument :
BNA_M
ClientSampleId :
DCGC0DL



Tgt Ion:252 Resp: 93875
Ion Ratio Lower Upper
252 100
253 24.7 0.0 52.8
125 16.1 0.0 43.0

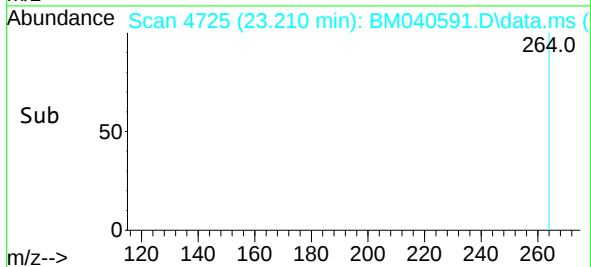
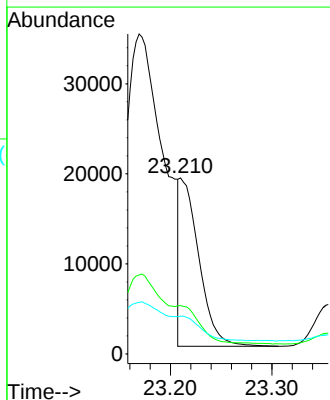
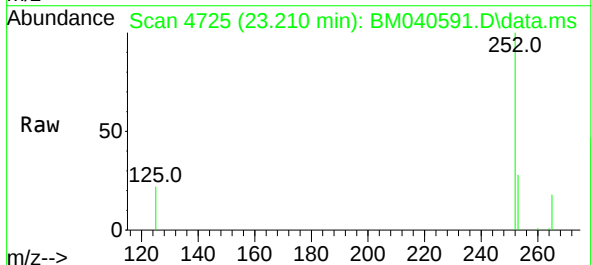
Manual Integrations
APPROVED

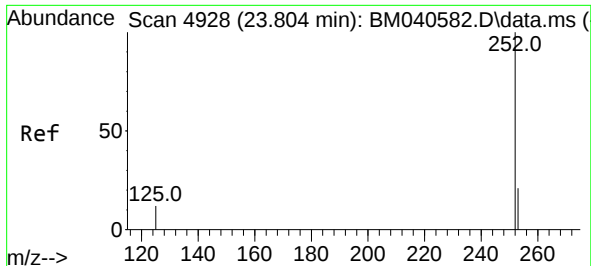
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.541 ng/ul m
RT: 23.210 min Scan# 4725
Delta R.T. -0.015 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

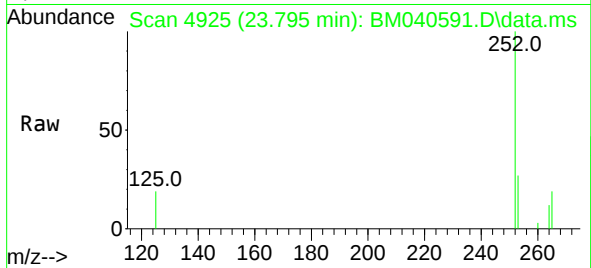
Tgt Ion:252 Resp: 24685
Ion Ratio Lower Upper
252 100
253 27.5 21.2 31.8
125 21.5 16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.122 ng/ul
RT: 23.795 min Scan# 4925
Delta R.T. -0.009 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

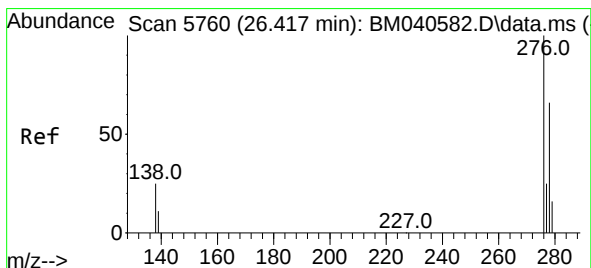
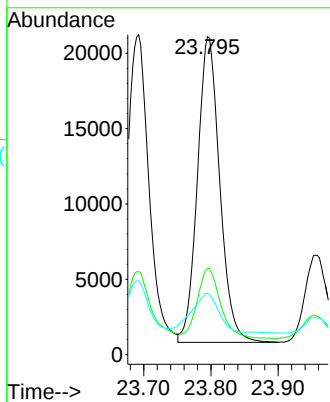
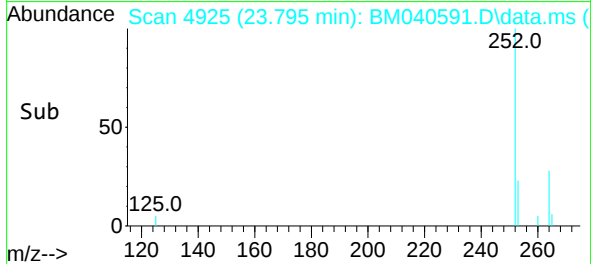
Instrument :
BNA_M
ClientSampleId :
DCGC0DL



Tgt Ion:252 Resp: 46752
Ion Ratio Lower Upper
252 100
253 27.1 22.9 34.3
125 19.2 21.0 31.4

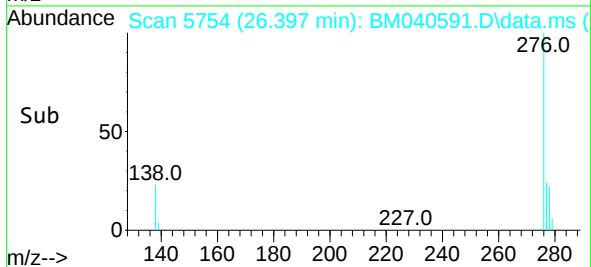
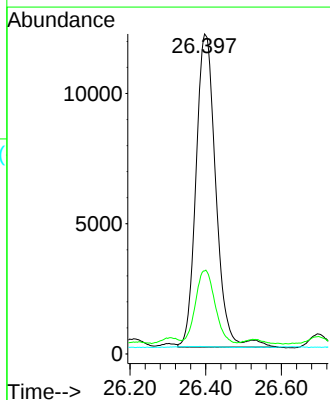
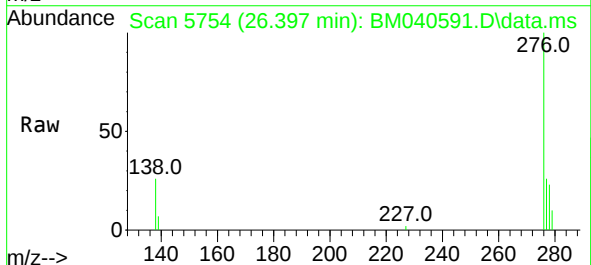
Manual Integrations
APPROVED

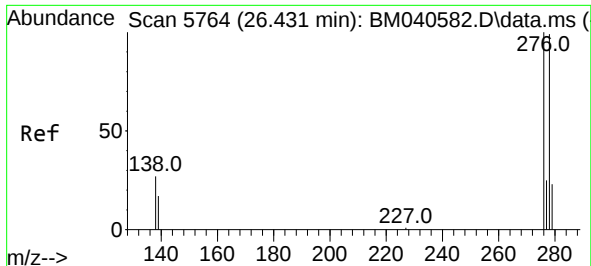
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.754 ng/ul
RT: 26.397 min Scan# 5754
Delta R.T. -0.020 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

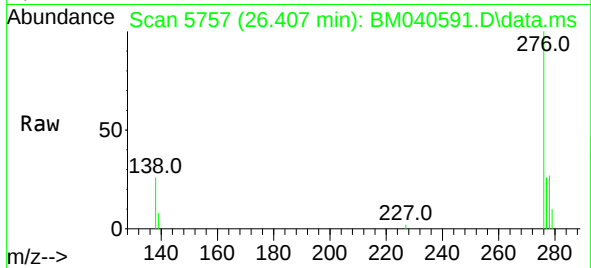
Tgt Ion:276 Resp: 43757
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.247 ng/ul
RT: 26.407 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

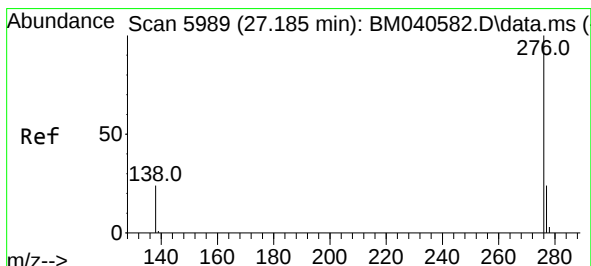
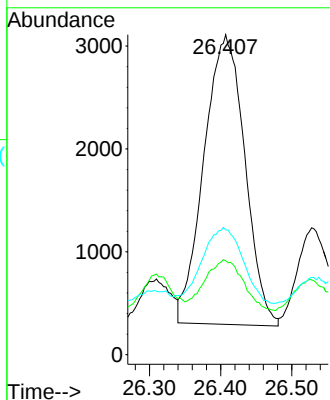
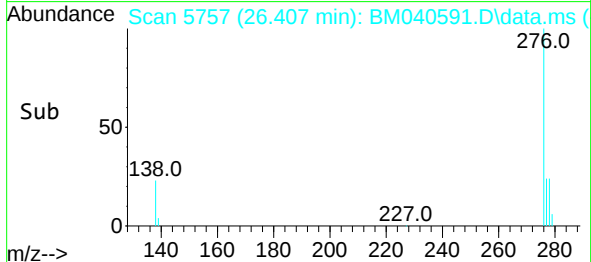
Instrument :
BNA_M
ClientSampleId :
DCGC0DL



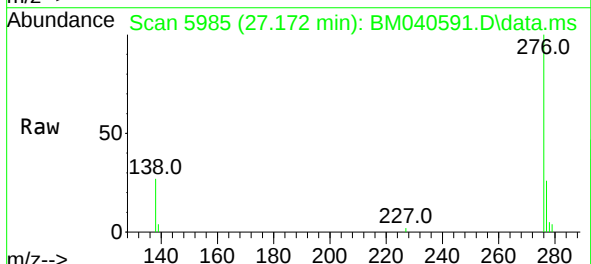
Tgt Ion:278 Resp: 11219
Ion Ratio Lower Upper
278 100
139 29.3 17.9 26.9
279 39.0 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#29
Benzo(g,h,i)perylene
Concen: 0.842 ng/ul
RT: 27.172 min Scan# 5985
Delta R.T. -0.010 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03



Tgt Ion:276 Resp: 42847
Ion Ratio Lower Upper
276 100
138 26.6 23.0 34.6
277 25.6 20.3 30.5

