

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040365.D
 Acq On : 23 Jun 2023 01:13
 Operator : MA/JU
 Sample : 03084-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFN3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 02:28:53 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 : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	7733	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	25422	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.590	164	11962	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.335	188	20340	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	14765	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	18627	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	25487	2.098	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	4996	0.140	ng/ul	0.00
18) Fluoranthene-d10	19.360	212	6977	0.147	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.810	128	7791	0.111	ng/ul#	94
7) 2-Methylnaphthalene	12.421	142	3748	0.091	ng/ul	98
8) 1-Methylnaphthalene	12.641	142	2432	0.059	ng/ul	98
10) Acenaphthylene	14.312	152	4918	0.092	ng/ul#	92
12) Fluorene	15.640	166	1001	0.021	ng/ul#	82
15) Phenanthrene	17.377	178	25337	0.401	ng/ul	99
16) Anthracene	17.466	178	4130	0.078	ng/ul#	87
19) Fluoranthene	19.392	202	53304	0.850	ng/ul	95
20) Pyrene	19.755	202	46457m	0.691	ng/ul	
21) Benzo(a)anthracene	21.498	228	24364	0.488	ng/ul	95
22) Chrysene	21.550	228	31835	0.559	ng/ul	96
24) Benzo(b)fluoranthene	23.193	252	54048	0.750	ng/ul	92
25) Benzo(k)fluoranthene	23.234	252	17731m	0.250	ng/ul	
26) Benzo(a)pyrene	23.821	252	31645	0.487	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.431	276	30203	0.334	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.441	278	7291	0.103	ng/ul#	54
29) Benzo(g,h,i)perylene	27.205	276	29486	0.372	ng/ul	95

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

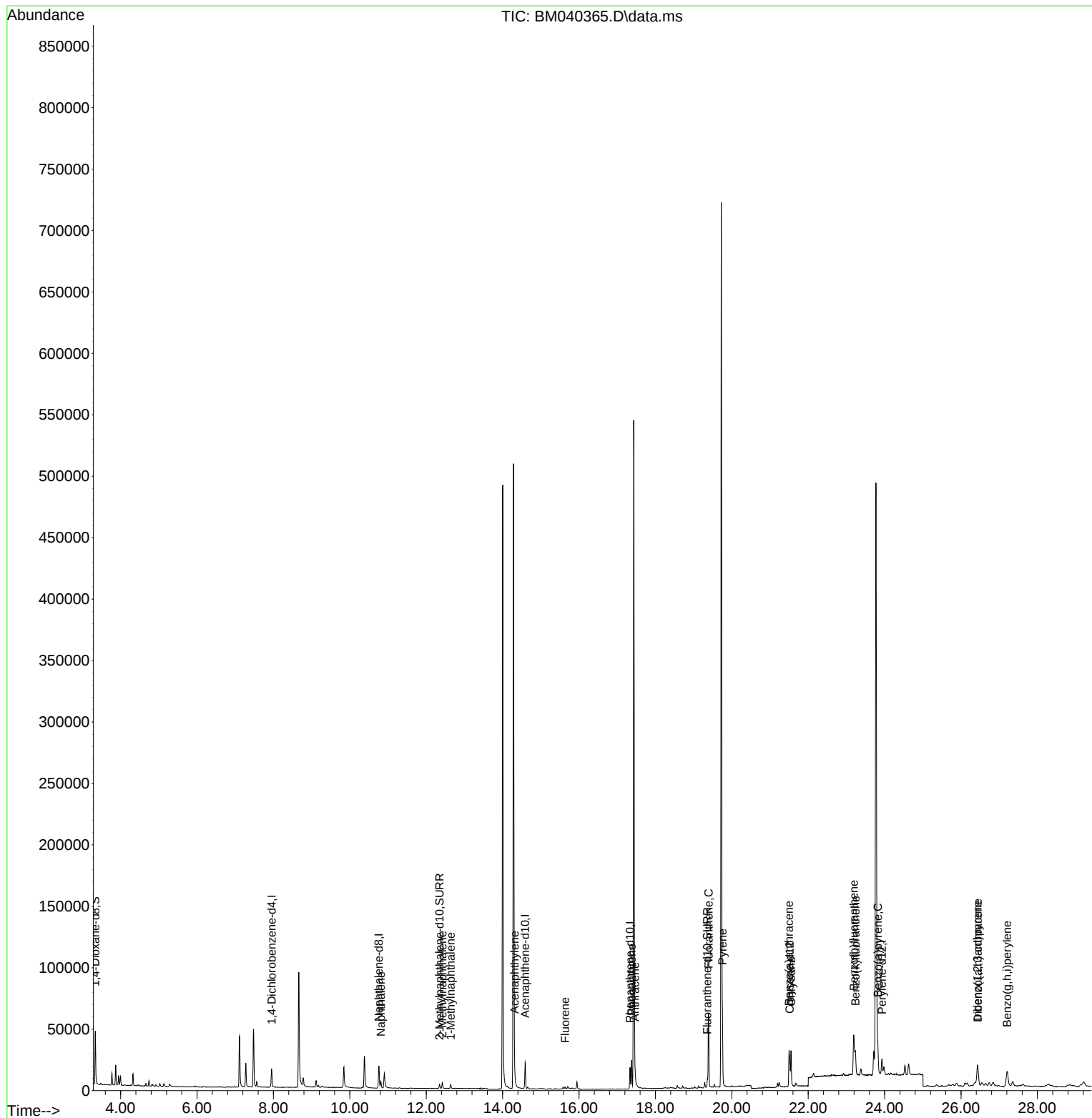
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040365.D
Acq On : 23 Jun 2023 01:13
Operator : MA/JU
Sample : 03084-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

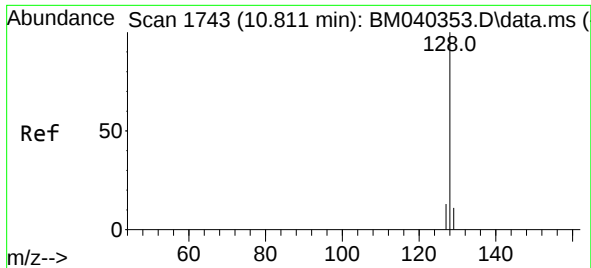
Instrument :
BNA_M
ClientSampleId :
DCFN3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

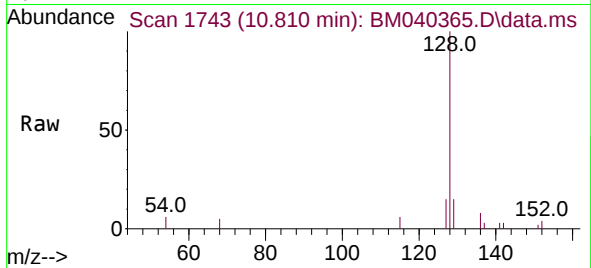
Quant Time: Jun 23 02:28:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.111 ng/ul
RT: 10.810 min Scan# 1743
Delta R.T. -0.001 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

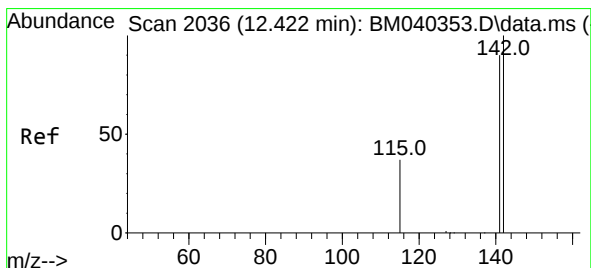
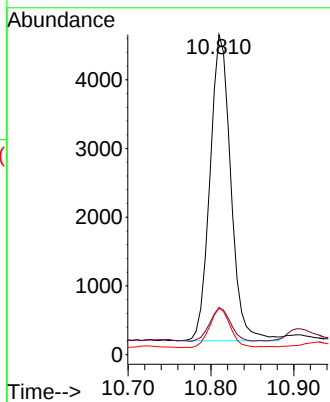
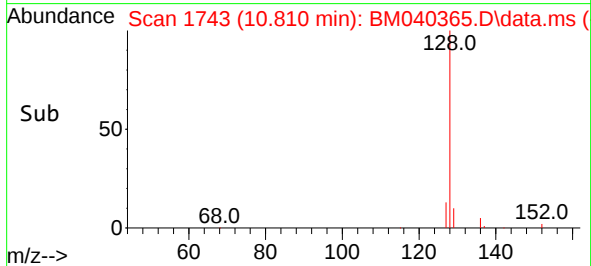
Instrument :
BNA_M
ClientSampleId :
DCFN3



Tgt Ion:128 Resp: 779
Ion Ratio Lower Upper
128 100
129 14.7 9.2 13.8
127 14.5 10.6 15.8

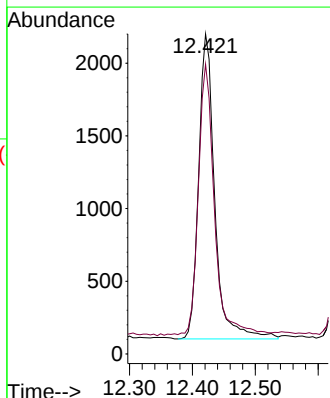
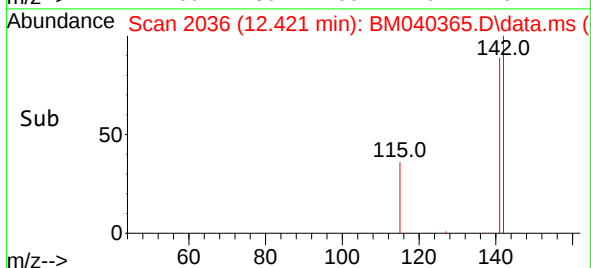
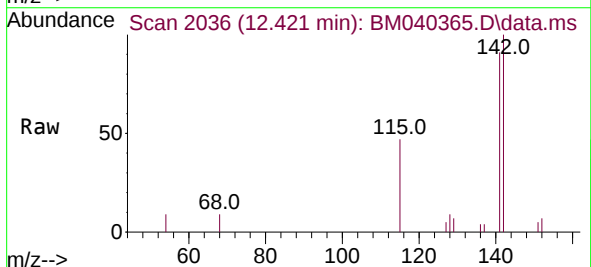
Manual Integrations
APPROVED

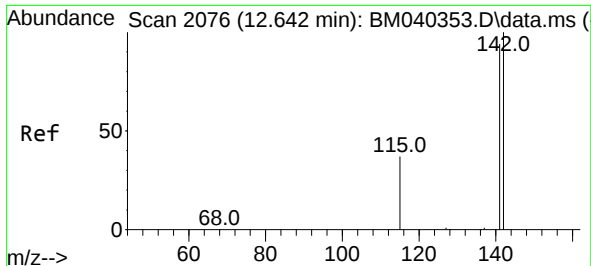
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#7
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.421 min Scan# 2036
Delta R.T. -0.001 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

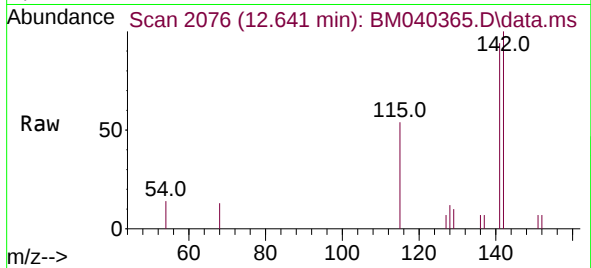
Tgt Ion:142 Resp: 3748
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.641 min Scan# 2076
Delta R.T. -0.002 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

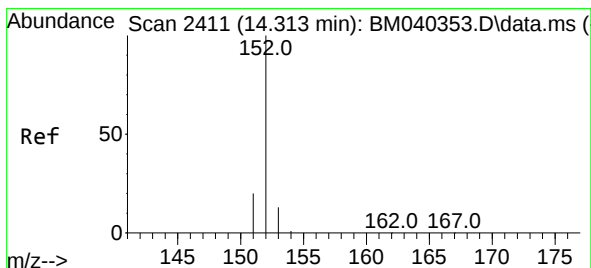
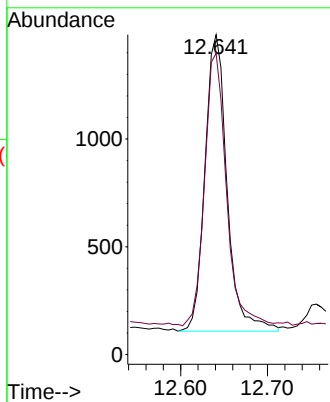
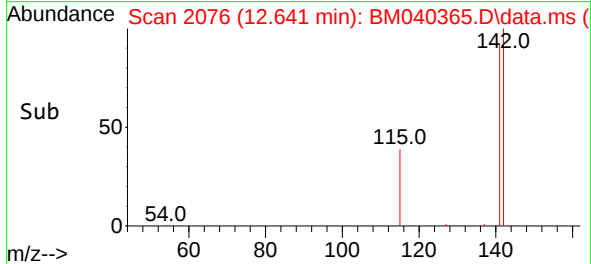
Instrument :
BNA_M
ClientSampleId :
DCFN3



Tgt Ion:142 Resp: 243
Ion Ratio Lower Upper
142 100
141 90.6 73.7 110.5

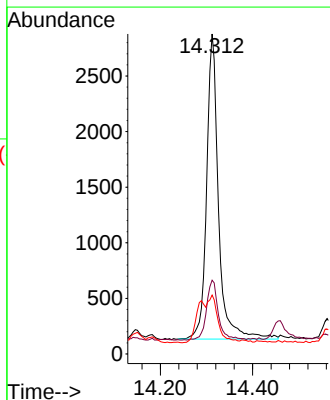
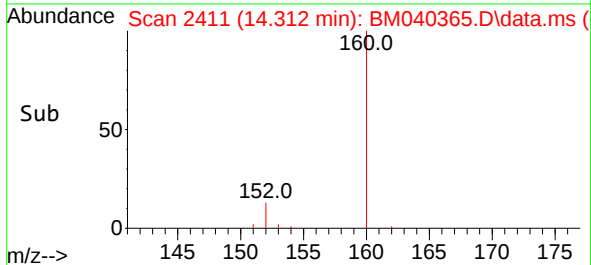
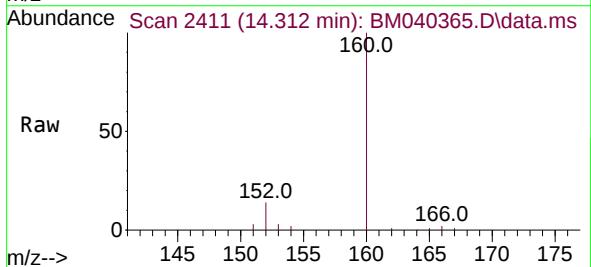
Manual Integrations
APPROVED

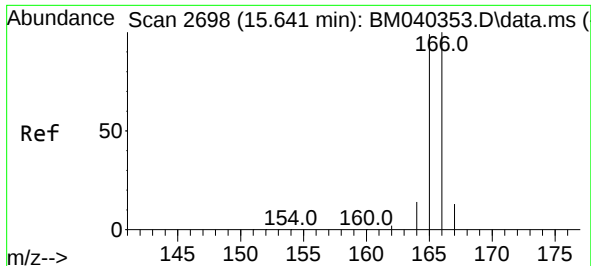
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Acenaphthylene
Concen: 0.092 ng/ul
RT: 14.312 min Scan# 2411
Delta R.T. -0.002 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

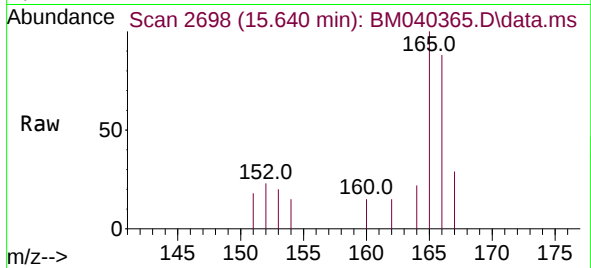
Tgt Ion:152 Resp: 4918
Ion Ratio Lower Upper
152 100
151 23.0 16.2 24.2
153 18.4 10.9 16.3#





#12
Fluorene
Concen: 0.021 ng/u1
RT: 15.640 min Scan# 2698
Delta R.T. -0.001 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

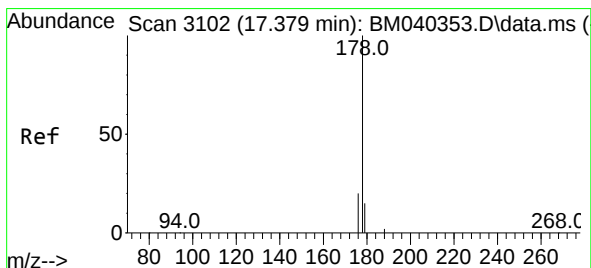
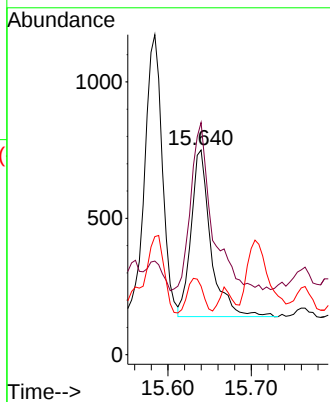
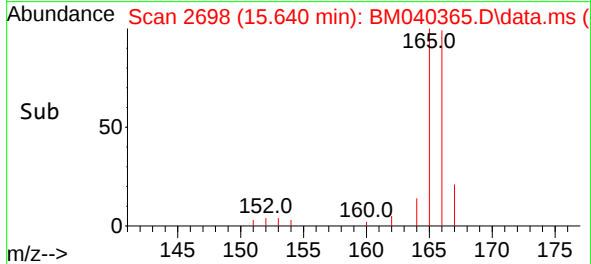
Instrument :
BNA_M
ClientSampleId :
DCFN3



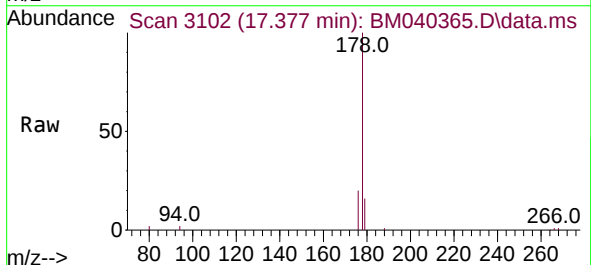
Tgt Ion:166 Resp: 100
Ion Ratio Lower Upper
166 100
165 113.5 79.6 119.4
167 33.5 11.4 17.0

Manual Integrations
APPROVED

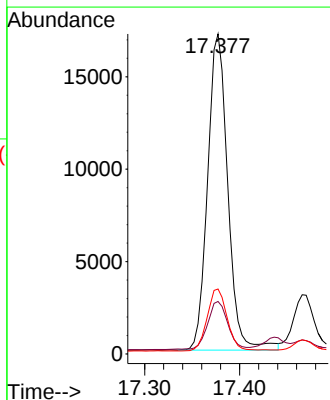
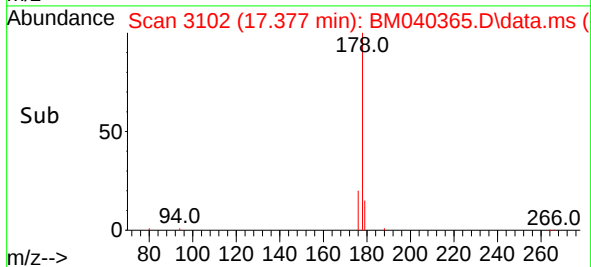
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

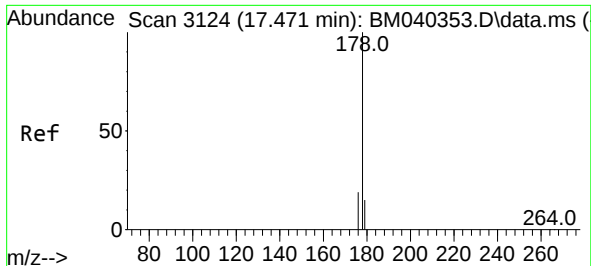


#15
Phenanthrene
Concen: 0.401 ng/u1
RT: 17.377 min Scan# 3102
Delta R.T. -0.001 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13



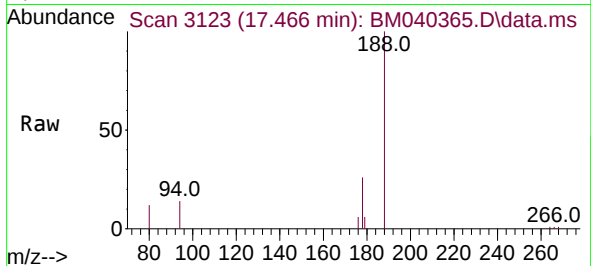
Tgt Ion:178 Resp: 25337
Ion Ratio Lower Upper
178 100
179 16.4 12.8 19.2
176 20.3 16.4 24.6





#16
 Anthracene
 Concen: 0.078 ng/ul
 RT: 17.466 min Scan# 3123
 Delta R.T. -0.006 min
 Lab File: BM040365.D
 Acq: 23 Jun 2023 01:13

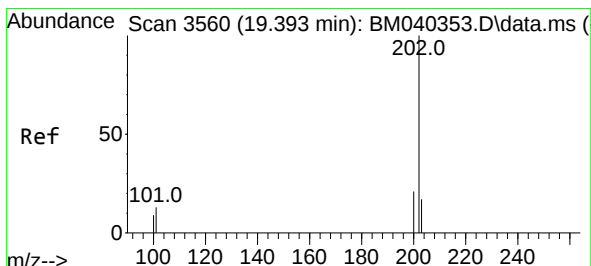
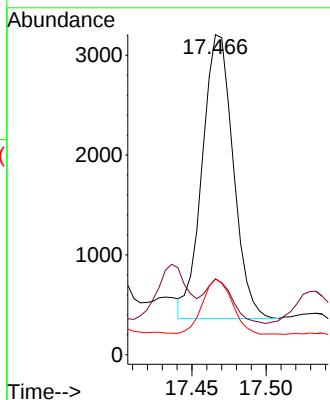
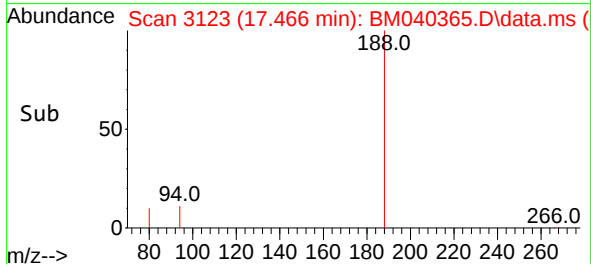
Instrument :
 BNA_M
 ClientSampleId :
 DCFN3



Tgt Ion:178 Resp: 4130
 Ion Ratio Lower Upper
 178 100
 179 23.6 12.9 19.3
 176 23.7 15.8 23.6

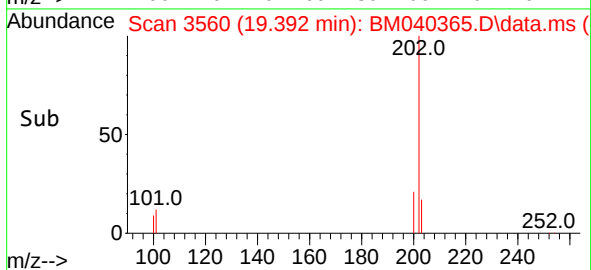
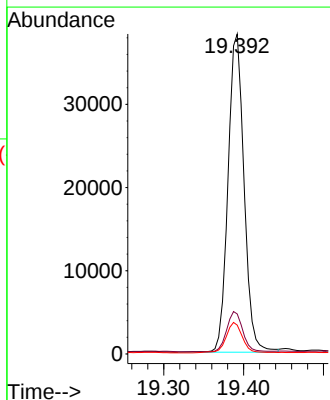
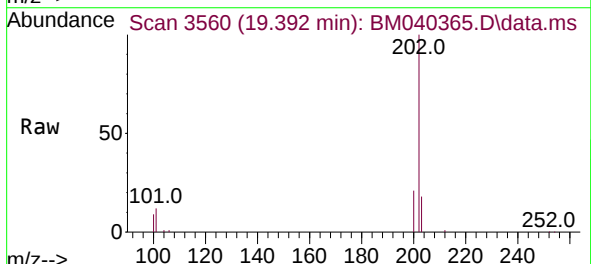
Manual Integrations
 APPROVED

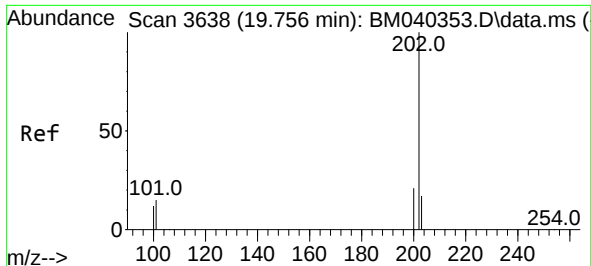
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#19
 Fluoranthene
 Concen: 0.850 ng/ul
 RT: 19.392 min Scan# 3560
 Delta R.T. 0.003 min
 Lab File: BM040365.D
 Acq: 23 Jun 2023 01:13

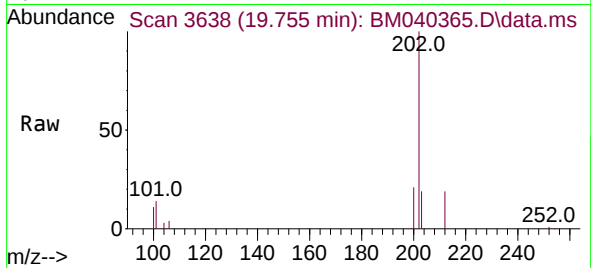
Tgt Ion:202 Resp: 53304
 Ion Ratio Lower Upper
 202 100
 101 12.5 11.4 17.0
 100 9.0 8.7 13.1





#20
Pyrene
Concen: 0.691 ng/ul m
RT: 19.755 min Scan# 3
Delta R.T. -0.002 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

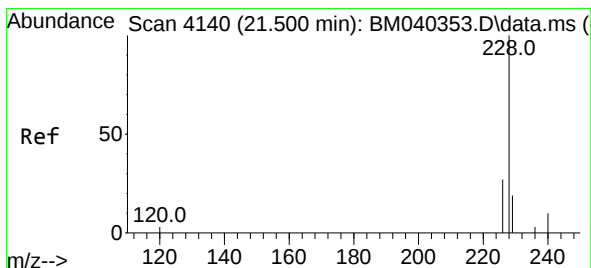
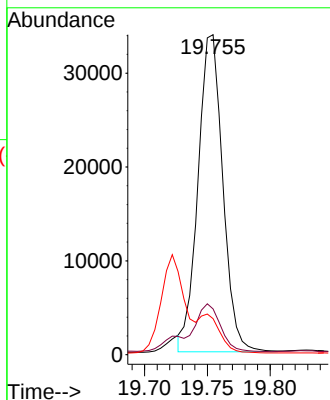
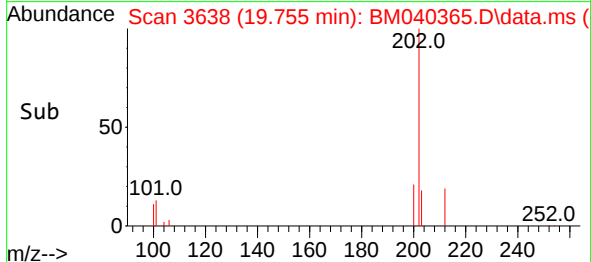
Instrument :
BNA_M
ClientSampleId :
DCFN3



Tgt Ion:202 Resp: 4645
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 11.3 9.8 14.6

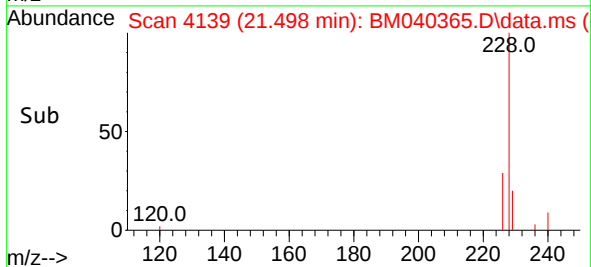
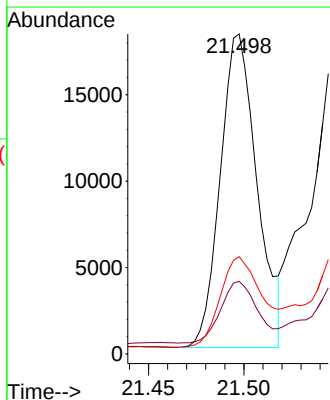
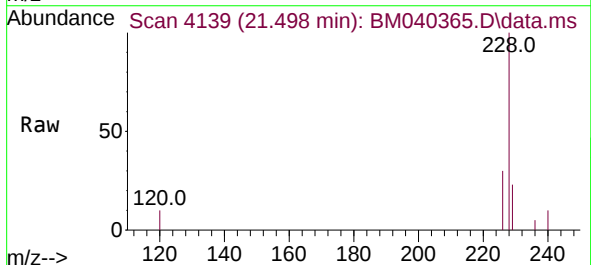
Manual Integrations
APPROVED

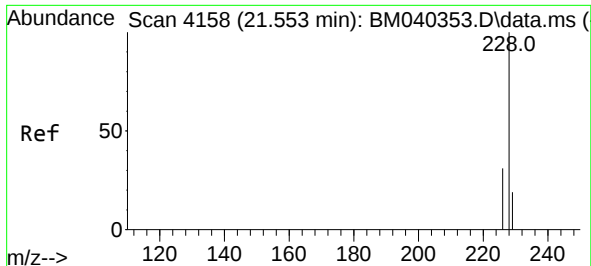
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#21
Benzo(a)anthracene
Concen: 0.488 ng/ul
RT: 21.498 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

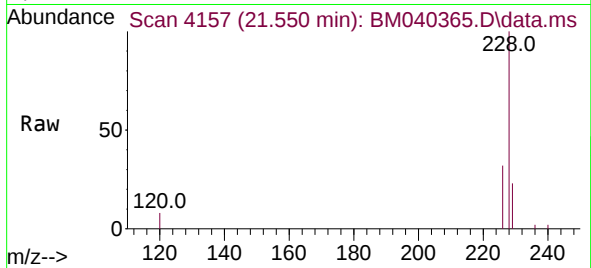
Tgt Ion:228 Resp: 24364
Ion Ratio Lower Upper
228 100
229 22.7 16.0 24.0
226 30.4 22.3 33.5





#22
Chrysene
Concen: 0.559 ng/ul
RT: 21.550 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

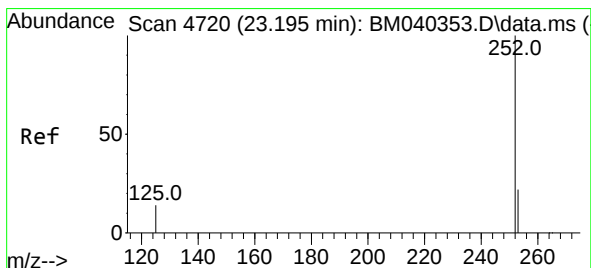
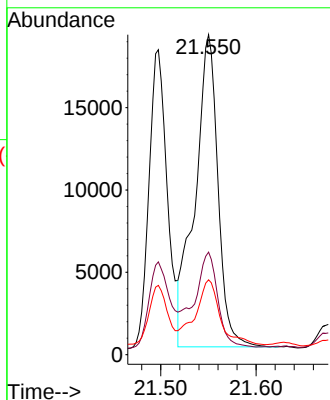
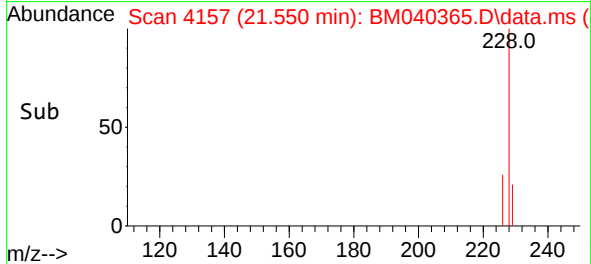
Instrument :
BNA_M
ClientSampleId :
DCFN3



Tgt Ion:228 Resp: 3183
Ion Ratio Lower Upper
228 100
226 32.1 24.9 37.3
229 23.4 15.8 23.6

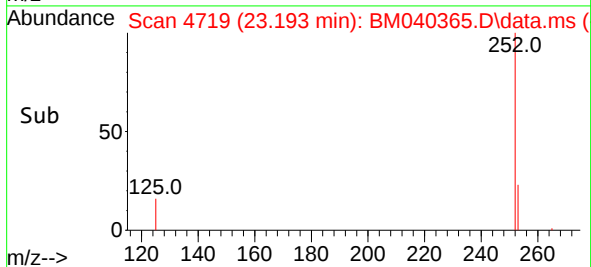
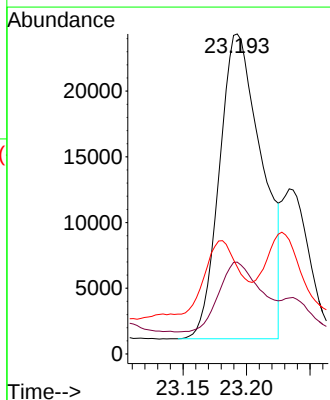
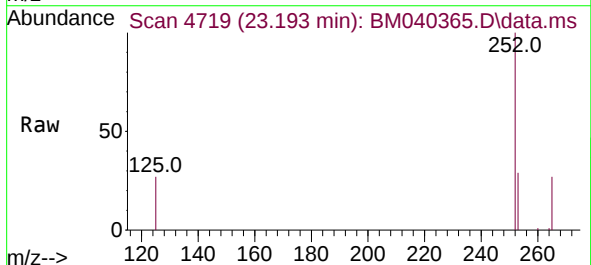
Manual Integrations
APPROVED

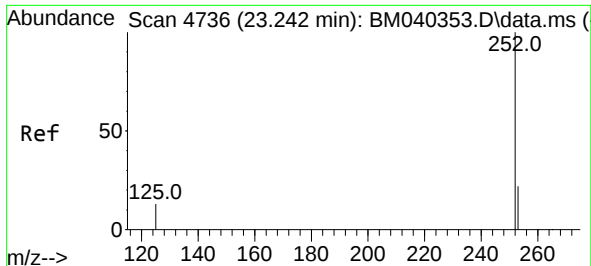
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#24
Benzo(b)fluoranthene
Concen: 0.750 ng/ul
RT: 23.193 min Scan# 4719
Delta R.T. 0.000 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

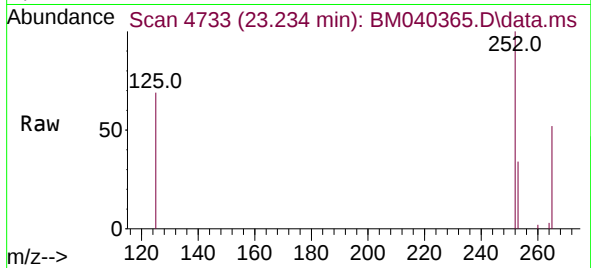
Tgt Ion:252 Resp: 54048
Ion Ratio Lower Upper
252 100
253 28.7 0.0 52.8
125 27.2 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.250 ng/ul m
RT: 23.234 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

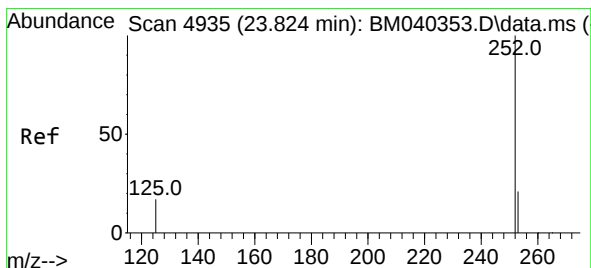
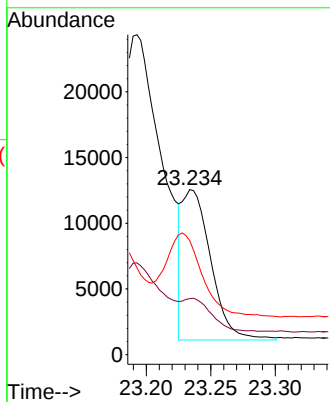
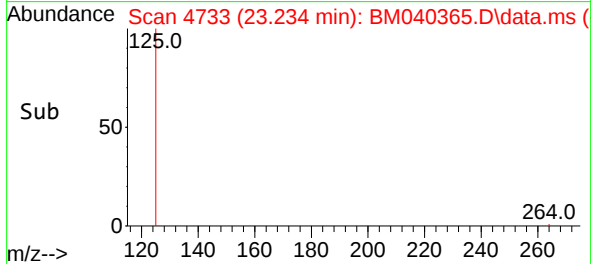
Instrument :
BNA_M
ClientSampleId :
DCFN3



Tgt Ion:252 Resp: 1773
Ion Ratio Lower Upper
252 100
253 33.9 21.2 31.8
125 69.1 16.4 24.6

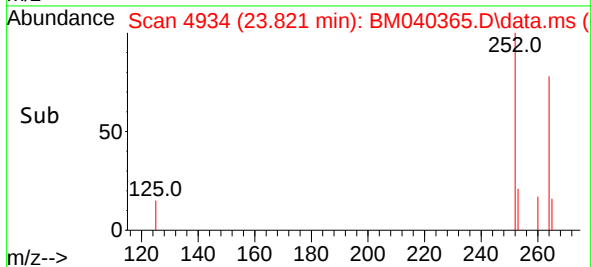
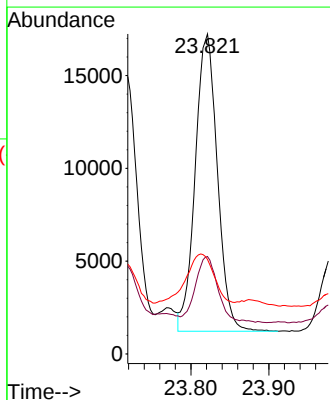
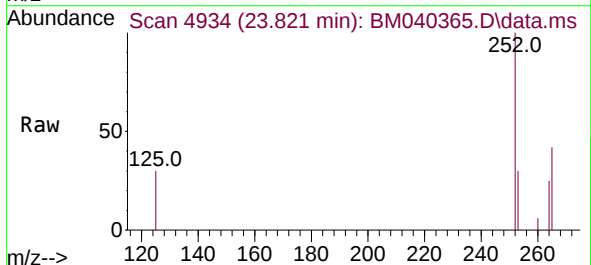
Manual Integrations
APPROVED

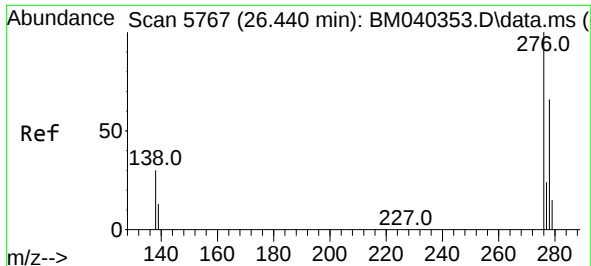
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#26
Benzo(a)pyrene
Concen: 0.487 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

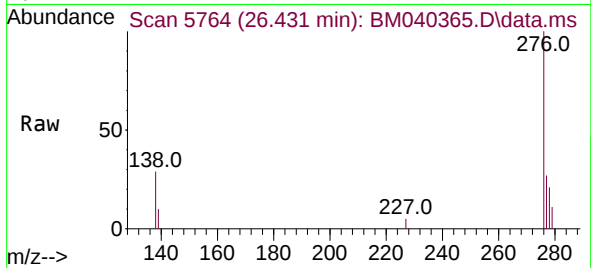
Tgt Ion:252 Resp: 31645
Ion Ratio Lower Upper
252 100
253 30.5 22.9 34.3
125 29.6 21.0 31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng/ul
RT: 26.431 min Scan# 5767
Delta R.T. -0.003 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

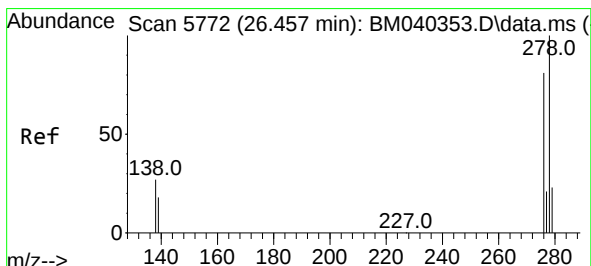
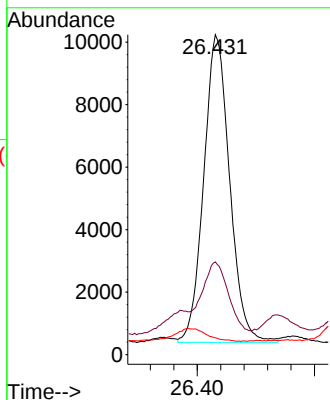
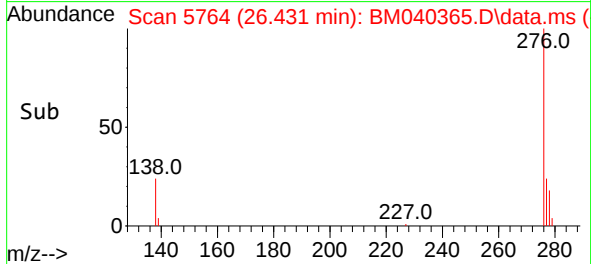
Instrument :
BNA_M
ClientSampleId :
DCFN3



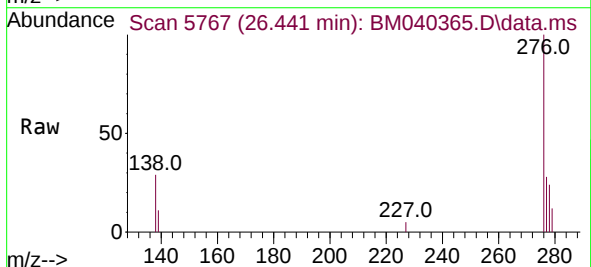
Tgt Ion:276 Resp: 3020
Ion Ratio Lower Upper
276 100
138 22.6 24.5 36.7
227 0.0 0.1 0.1

Manual Integrations
APPROVED

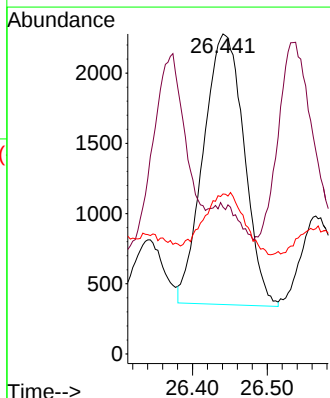
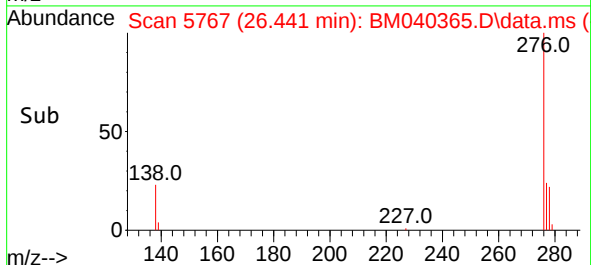
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

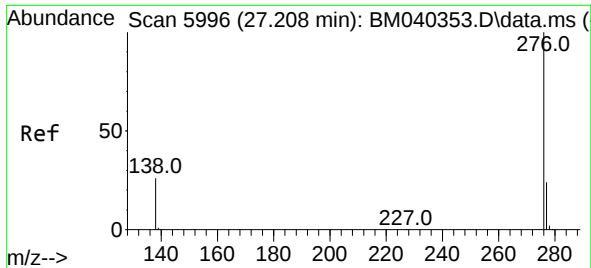


#28
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 26.441 min Scan# 5767
Delta R.T. -0.013 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13



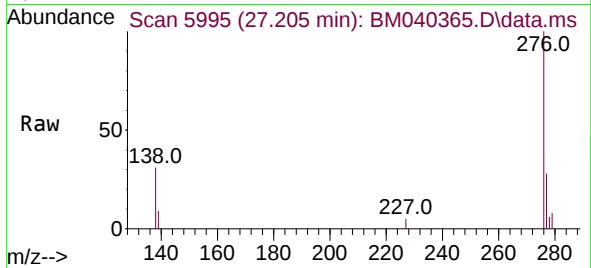
Tgt Ion:278 Resp: 7291
Ion Ratio Lower Upper
278 100
139 45.9 17.9 26.9#
279 50.0 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. 0.000 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

Instrument :
BNA_M
ClientSampleId :
DCFN3



Tgt Ion:276 Resp: 29480
Ion Ratio Lower Upper
276 100
138 31.2 23.0 34.6
277 27.8 20.3 30.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

