

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040362.D
 Acq On : 22 Jun 2023 23:23
 Operator : MA/JU
 Sample : 03084-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFN5

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 02:28:22 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	11784	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	41326	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.591	164	20552	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	32008	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	21414	0.400	ng/ul	# 0.00
23) Perylene-d12	23.932	264	24366	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	42863	2.316	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	10529	0.182	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	13373	0.195	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.811	128	53877	0.473	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	36233	0.541	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	22321	0.334	ng/ul	100
10) Acenaphthylene	14.313	152	91814	1.000	ng/ul	99
11) Acenaphthene	14.651	153	6062	0.078	ng/ul	95
12) Fluorene	15.637	166	6266	0.076	ng/ul#	83
15) Phenanthrene	17.379	178	156747	1.577	ng/ul	99
16) Anthracene	17.467	178	41940	0.502	ng/ul	99
19) Fluoranthene	19.389	202	570173	6.268	ng/ul	96
20) Pyrene	19.751	202	493149	5.057	ng/ul	99
21) Benzo(a)anthracene	21.500	228	288510	3.983	ng/ul	96
22) Chrysene	21.553	228	337729	4.087	ng/ul	97
24) Benzo(b)fluoranthene	23.195	252	528610	5.606	ng/ul	91
25) Benzo(k)fluoranthene	23.239	252	171973m	1.851	ng/ul	
26) Benzo(a)pyrene	23.824	252	293291	3.453	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.437	276	256536	2.169	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.447	278	66023	0.713	ng/ul	91
29) Benzo(g,h,i)perylene	27.215	276	240822	2.323	ng/ul	96

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

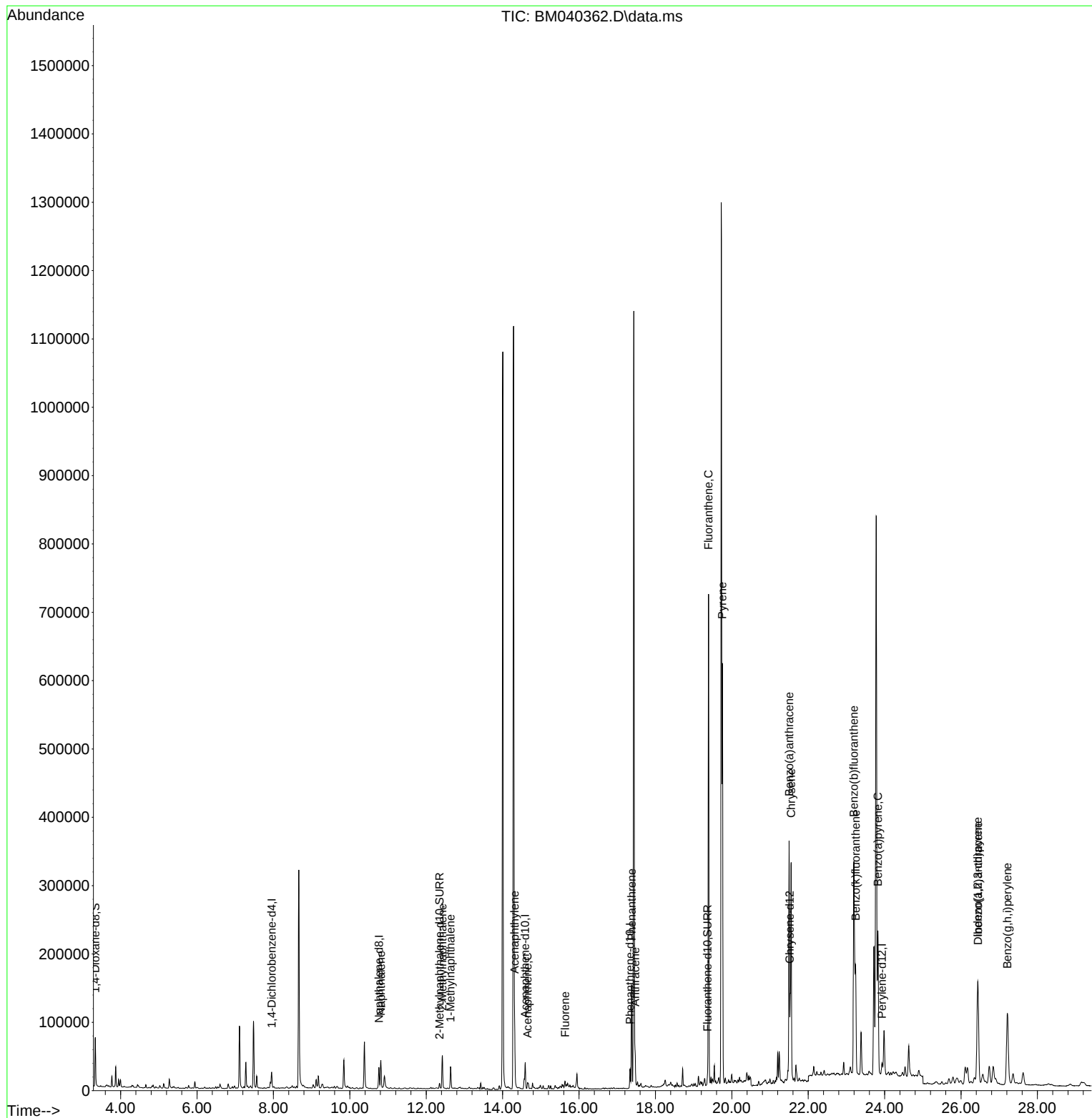
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040362.D
Acq On : 22 Jun 2023 23:23
Operator : MA/JU
Sample : 03084-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

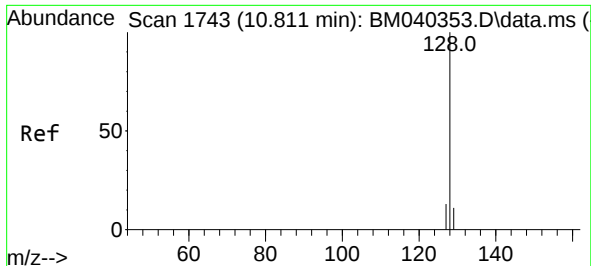
Instrument :
BNA_M
ClientSampleId :
DCFN5

Manual Integrations
APPROVED

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

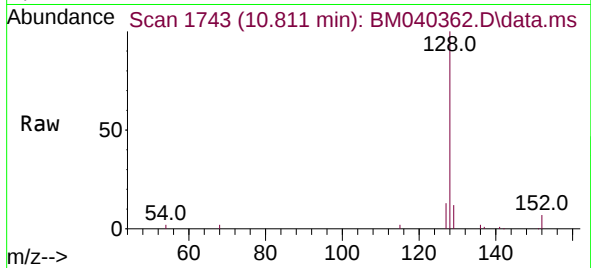
Quant Time: Jun 23 02:28:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.473 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

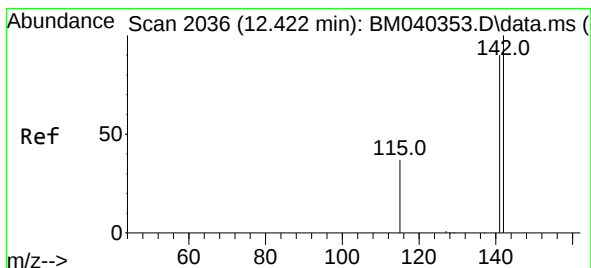
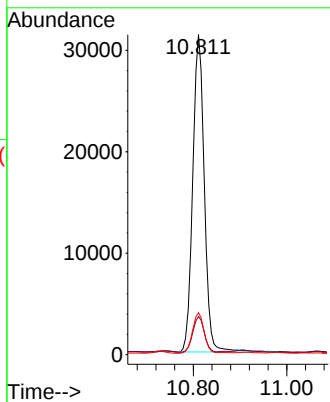
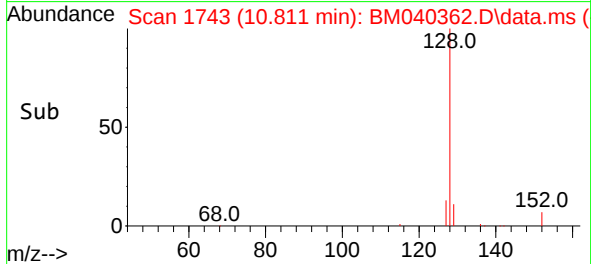
Instrument :
BNA_M
ClientSampleId :
DCFN5



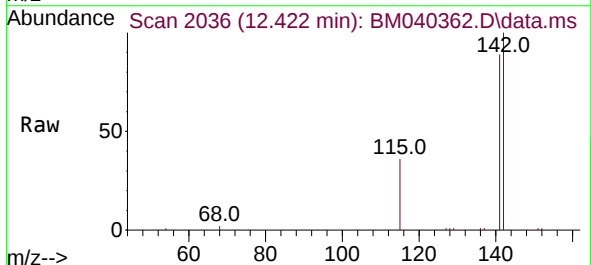
Tgt Ion:128 Resp: 5387
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.1 10.6 15.8

Manual Integrations
APPROVED

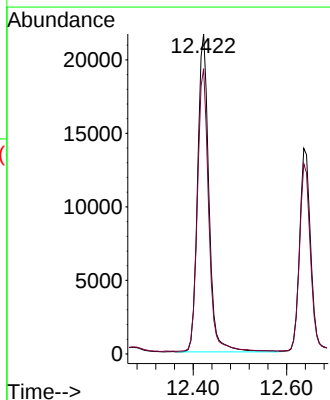
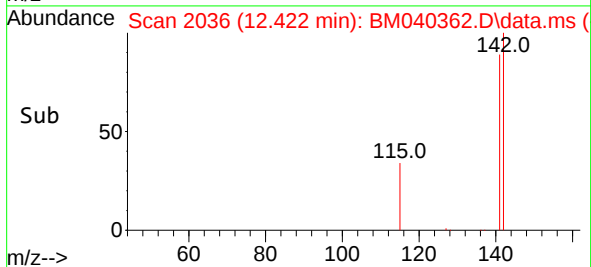
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

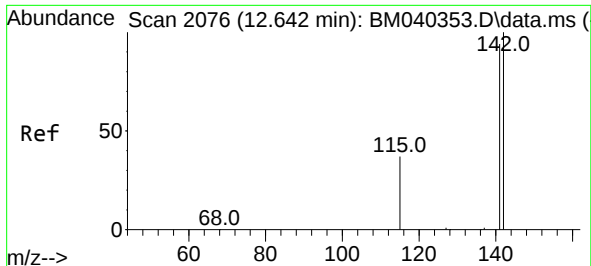


#7
2-Methylnaphthalene
Concen: 0.541 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23



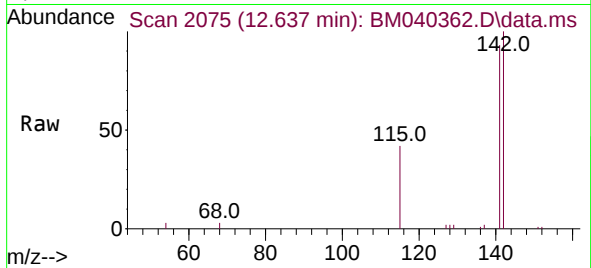
Tgt Ion:142 Resp: 36233
Ion Ratio Lower Upper
142 100
141 88.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.637 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

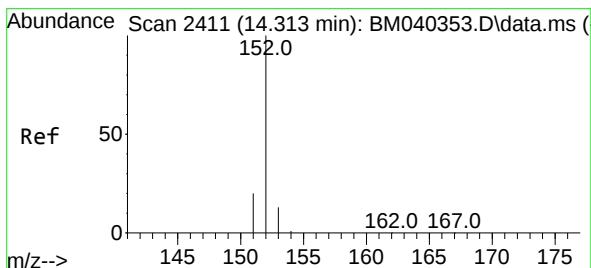
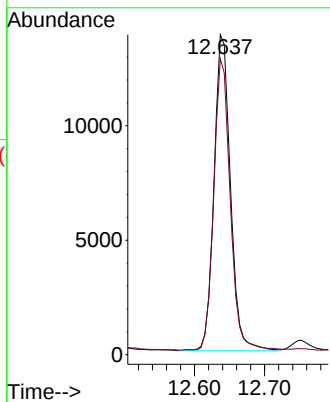
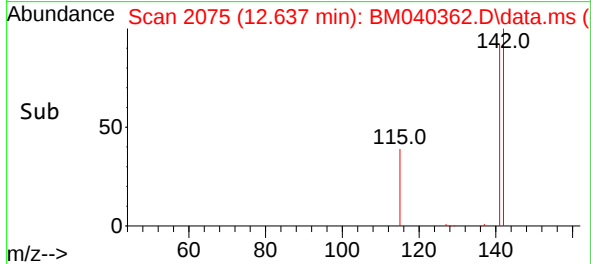
Instrument :
BNA_M
ClientSampleId :
DCFN5



Tgt Ion:142 Resp: 2232
Ion Ratio Lower Upper
142 100
141 92.0 73.7 110.5

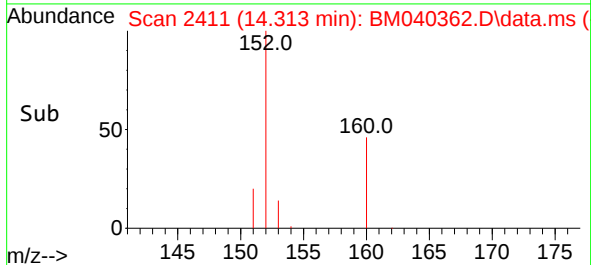
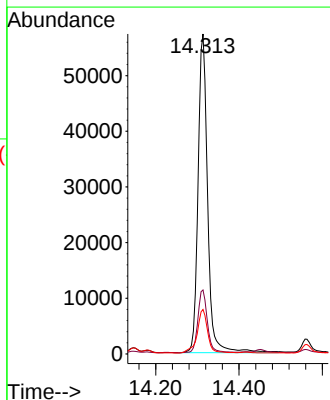
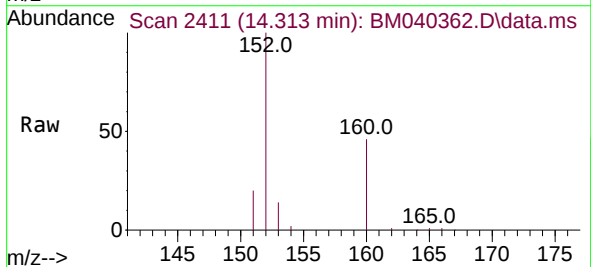
Manual Integrations
APPROVED

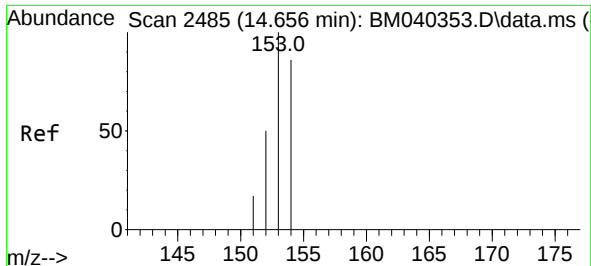
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Acenaphthylene
Concen: 1.000 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

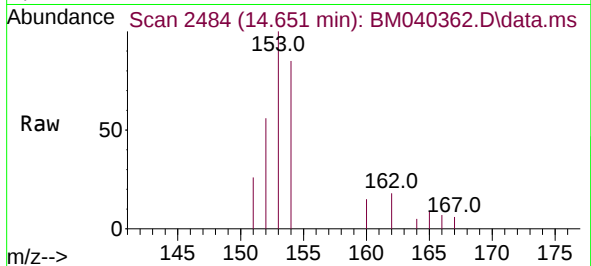
Tgt Ion:152 Resp: 91814
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.9 10.9 16.3





#11
Acenaphthene
Concen: 0.078 ng/u1
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

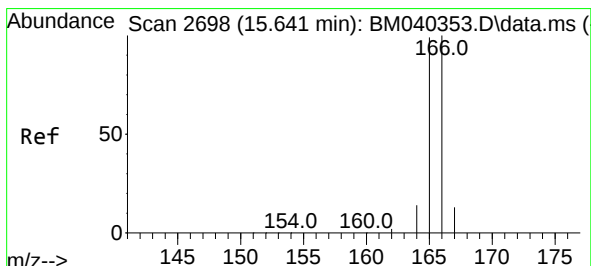
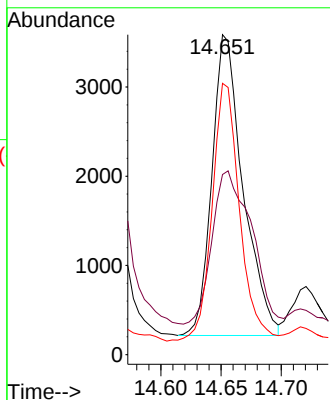
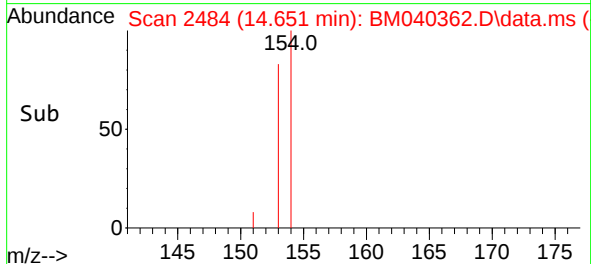
Instrument :
BNA_M
ClientSampleId :
DCFN5



Tgt Ion:153 Resp: 6062
Ion Ratio Lower Upper
153 100
152 56.3 41.0 61.4
154 84.8 70.8 106.2

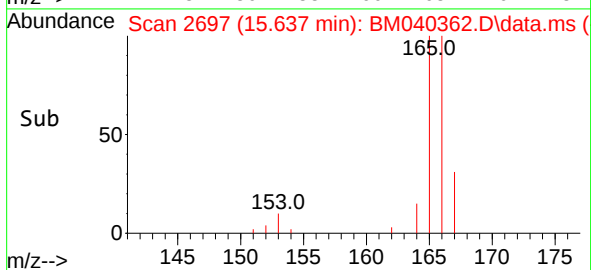
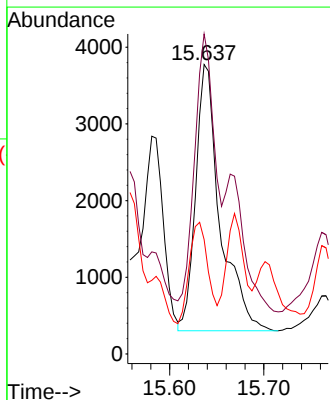
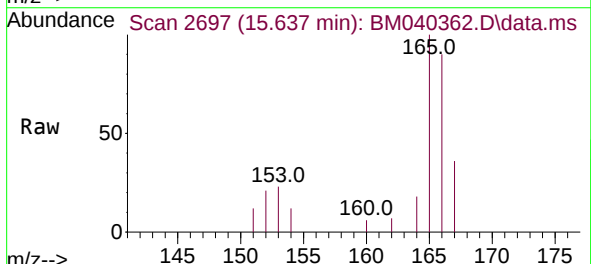
Manual Integrations
APPROVED

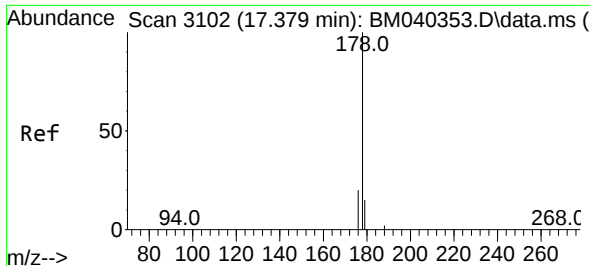
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
Fluorene
Concen: 0.076 ng/u1
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

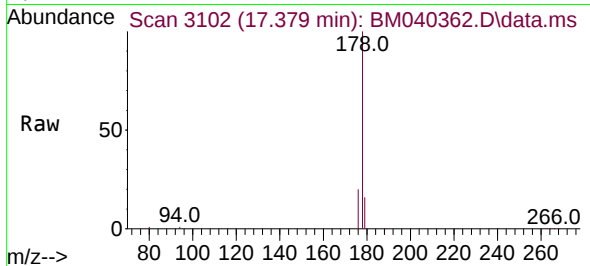
Tgt Ion:166 Resp: 6266
Ion Ratio Lower Upper
166 100
165 110.5 79.6 119.4
167 39.5 11.4 17.0#





#15
Phenanthrene
Concen: 1.577 ng/u1
RT: 17.379 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

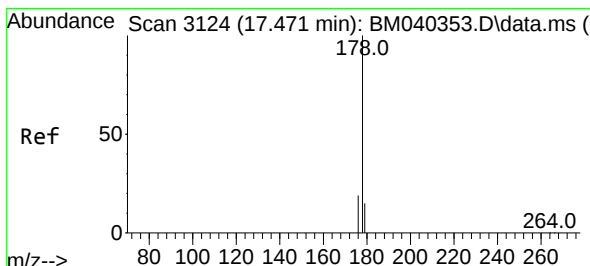
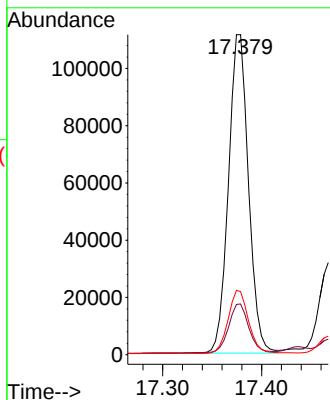
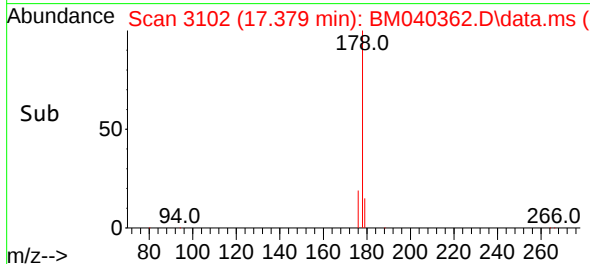
Instrument :
BNA_M
ClientSampleId :
DCFN5



Tgt Ion:178 Resp: 15674
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.7 16.4 24.6

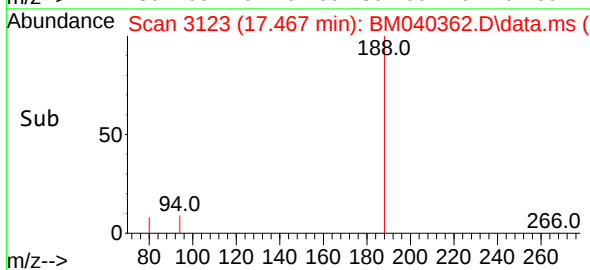
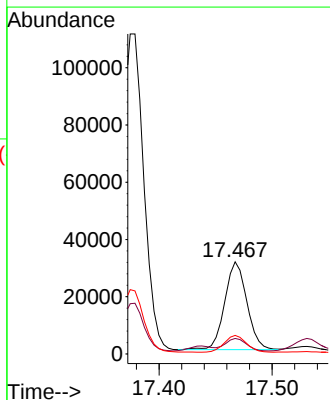
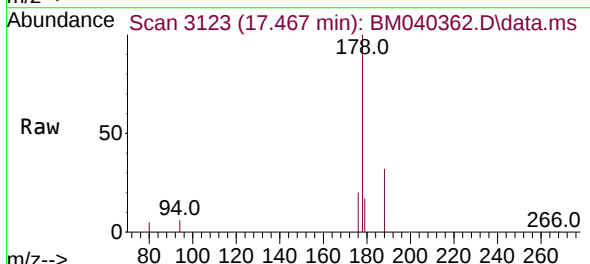
Manual Integrations
APPROVED

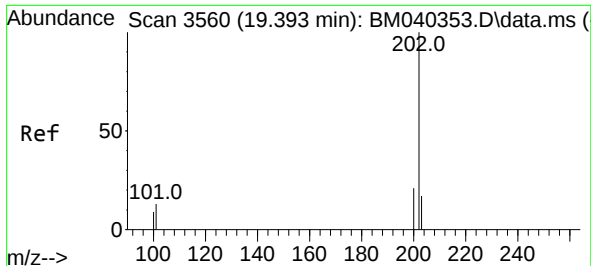
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
Anthracene
Concen: 0.502 ng/u1
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

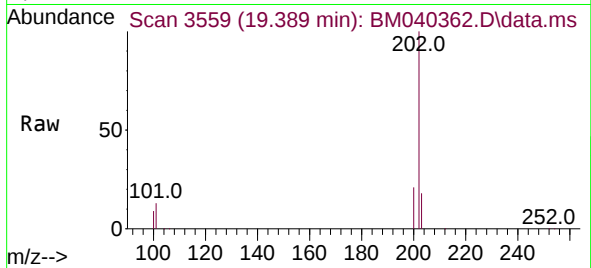
Tgt Ion:178 Resp: 41940
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 20.1 15.8 23.6





#19
Fluoranthene
Concen: 6.268 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

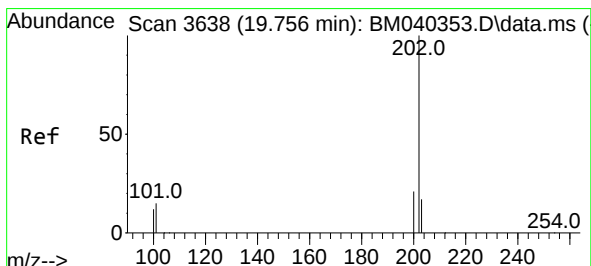
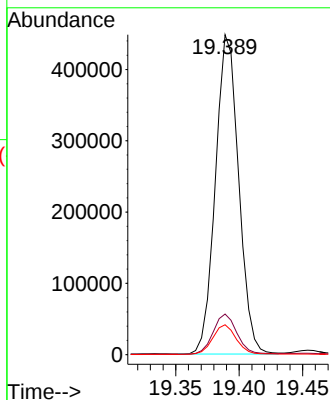
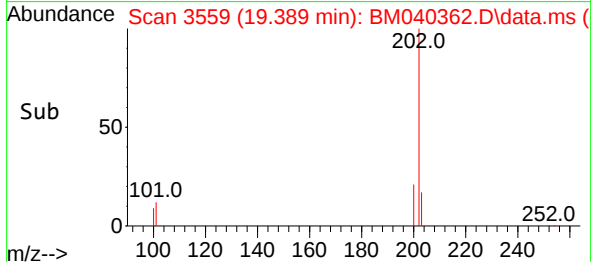
Instrument :
BNA_M
ClientSampleId :
DCFN5



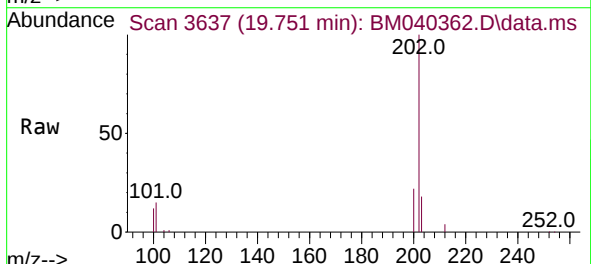
Tgt Ion:202 Resp: 57017
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.4 8.7 13.1

Manual Integrations
APPROVED

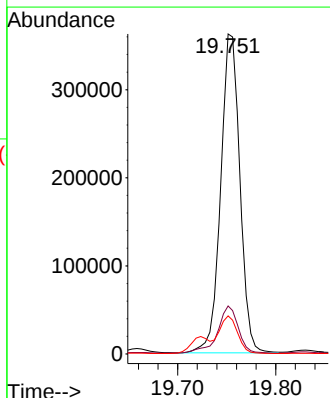
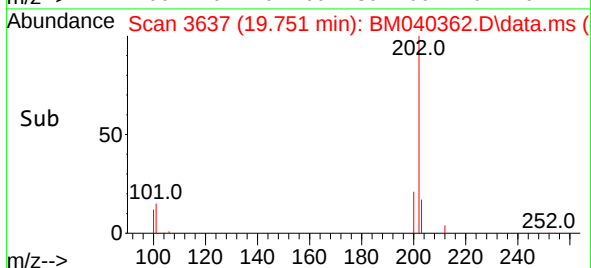
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

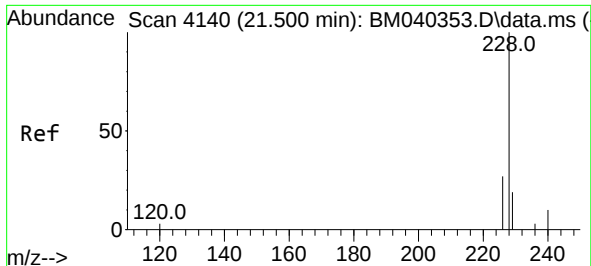


#20
Pyrene
Concen: 5.057 ng/u1
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23



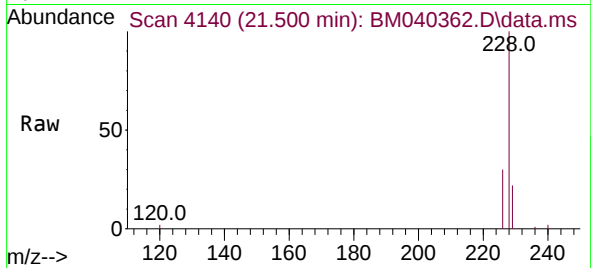
Tgt Ion:202 Resp: 493149
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 11.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.983 ng/u1
RT: 21.500 min Scan# 4140
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

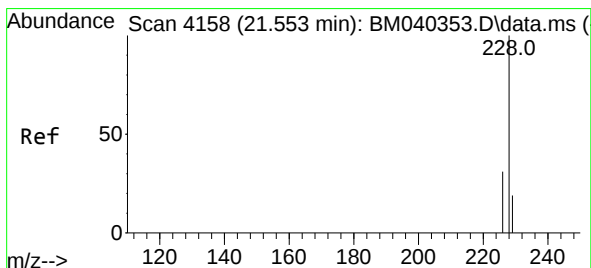
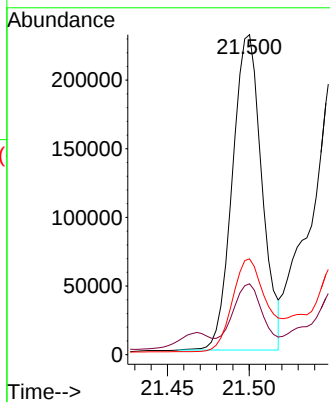
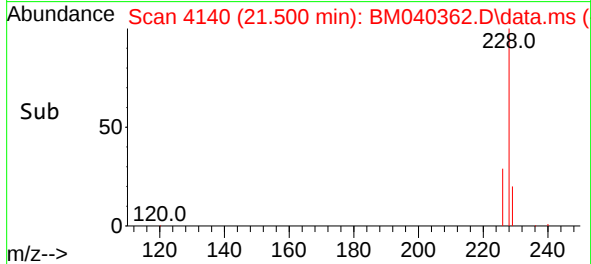
Instrument :
BNA_M
ClientSampleId :
DCFN5



Tgt Ion:228 Resp: 288510
Ion Ratio Lower Upper
228 100
229 22.1 16.0 24.0
226 30.0 22.3 33.5

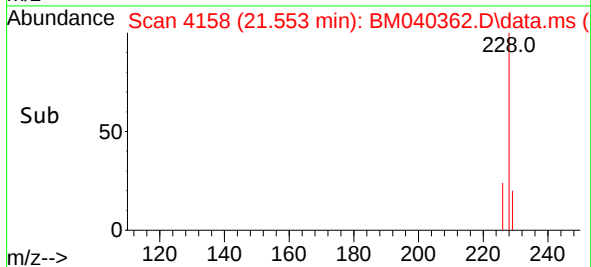
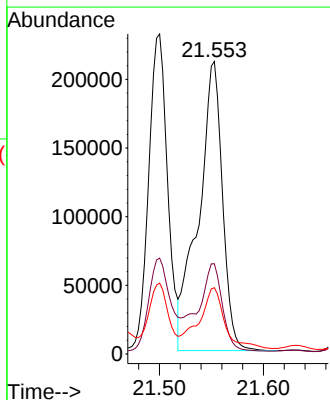
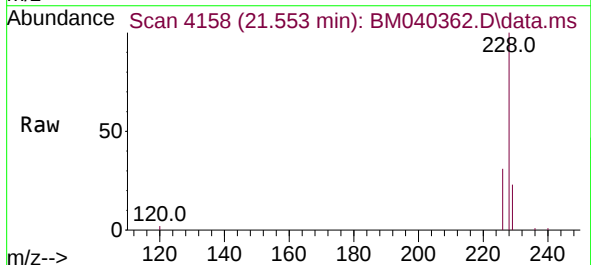
Manual Integrations
APPROVED

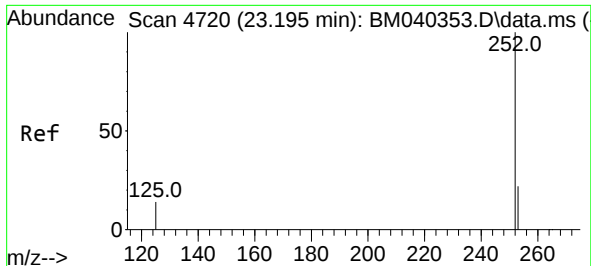
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Chrysene
Concen: 4.087 ng/u1
RT: 21.553 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

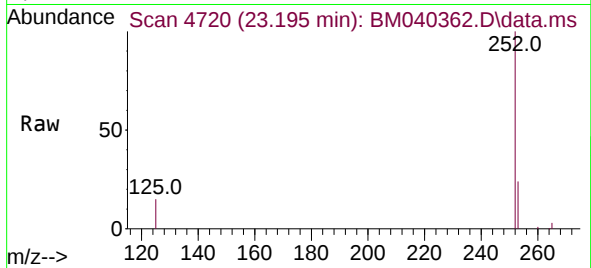
Tgt Ion:228 Resp: 337729
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 22.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 5.606 ng/ul
RT: 23.195 min Scan# 4720
Delta R.T. 0.003 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

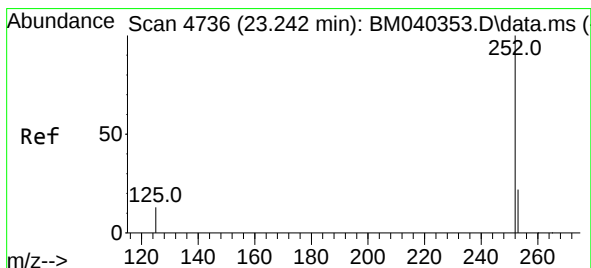
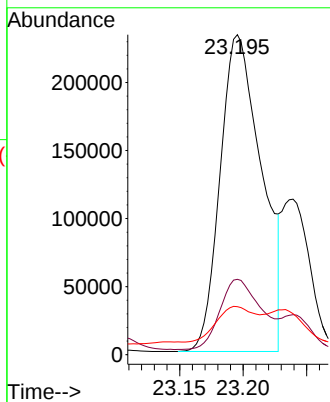
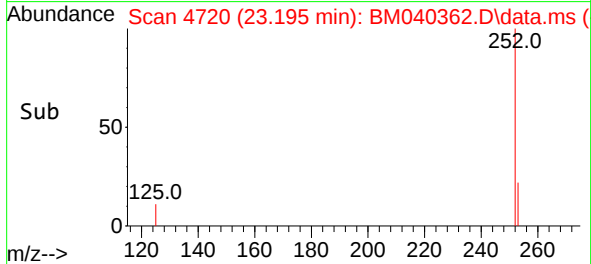
Instrument :
BNA_M
ClientSampleId :
DCFN5



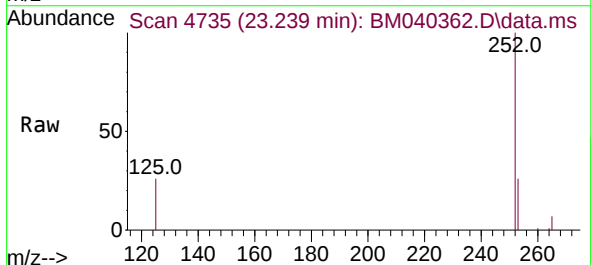
Tgt Ion:252 Resp: 528610
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.8
125 15.0 0.0 43.0

Manual Integrations
APPROVED

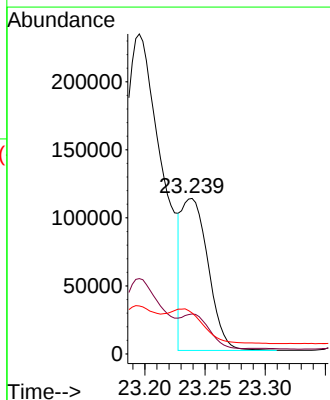
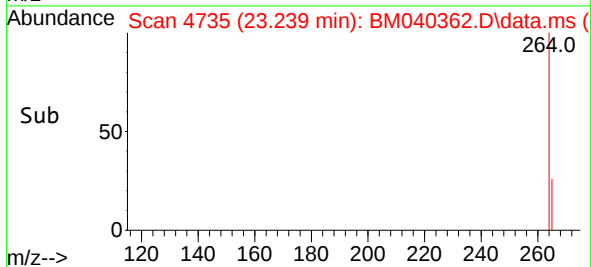
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

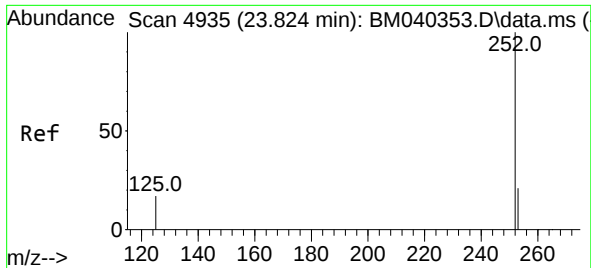


#25
Benzo(k)fluoranthene
Concen: 1.851 ng/ul m
RT: 23.239 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23



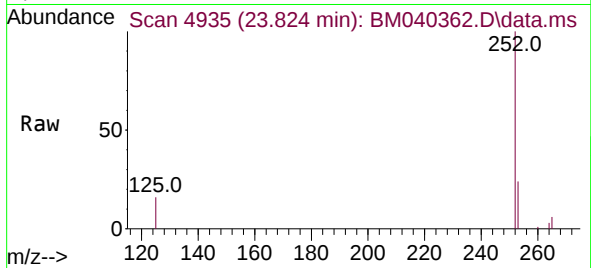
Tgt Ion:252 Resp: 171973
Ion Ratio Lower Upper
252 100
253 25.8 21.2 31.8
125 26.4 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 3.453 ng/u1
RT: 23.824 min Scan# 4935
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

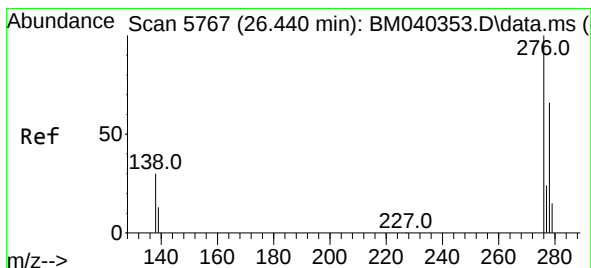
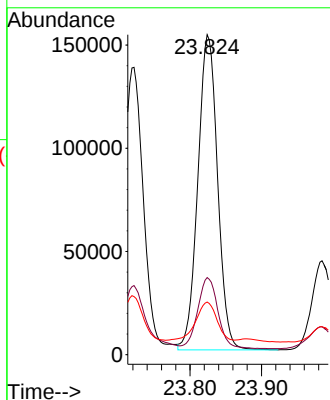
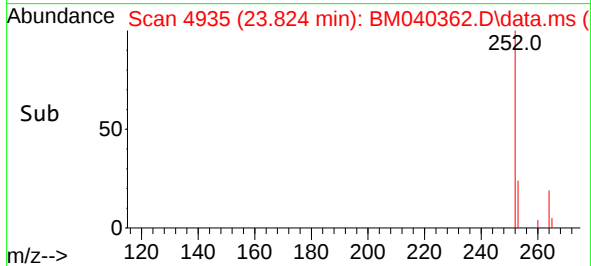
Instrument :
BNA_M
ClientSampleId :
DCFN5



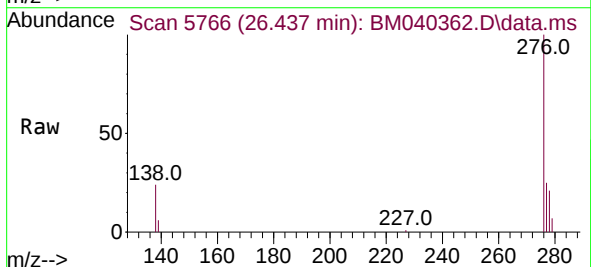
Tgt Ion:252 Resp: 29329
Ion Ratio Lower Upper
252 100
253 24.1 22.9 34.3
125 16.4 21.0 31.4

Manual Integrations
APPROVED

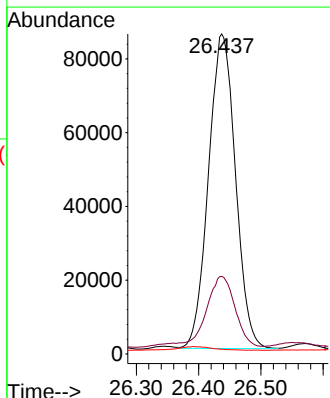
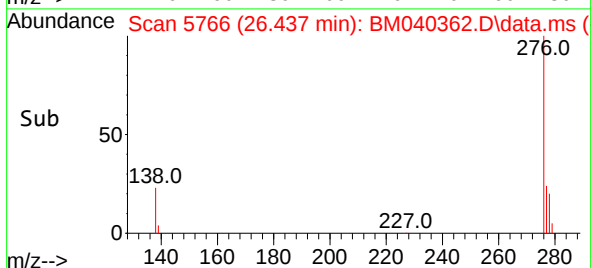
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

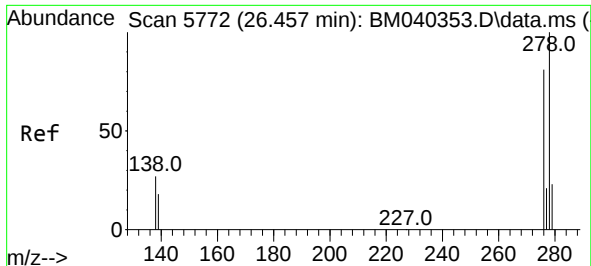


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.169 ng/u1
RT: 26.437 min Scan# 5766
Delta R.T. 0.003 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23



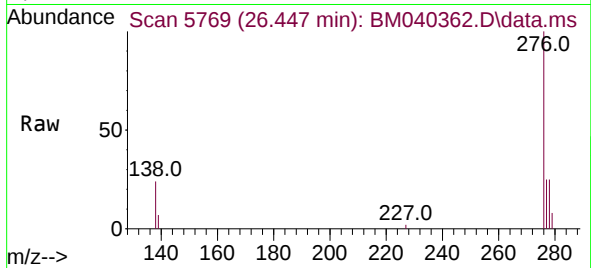
Tgt Ion:276 Resp: 256536
Ion Ratio Lower Upper
276 100
138 24.8 24.5 36.7
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.713 ng/ul
RT: 26.447 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

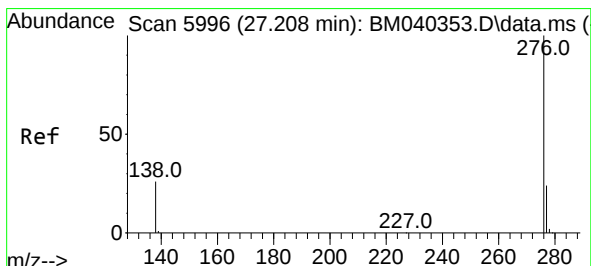
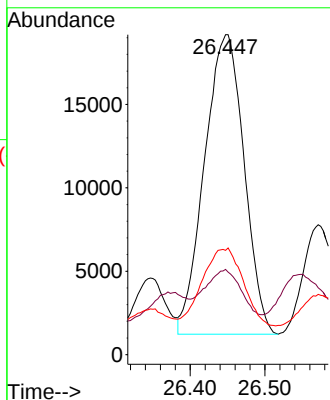
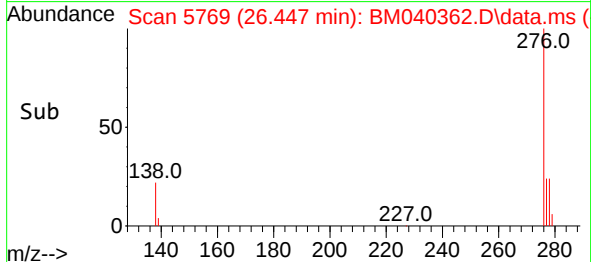
Instrument :
BNA_M
ClientSampleId :
DCFN5



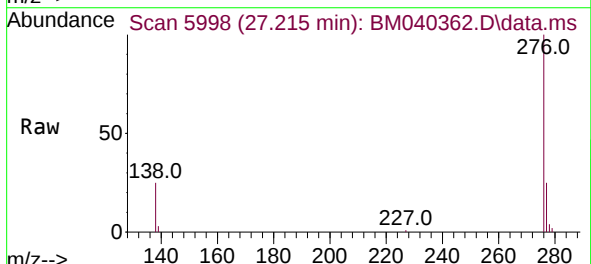
Tgt Ion:278 Resp: 6602
Ion Ratio Lower Upper
278 100
139 26.7 17.9 26.9
279 32.6 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.323 ng/ul
RT: 27.215 min Scan# 5998
Delta R.T. 0.010 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23



Tgt Ion:276 Resp: 240822
Ion Ratio Lower Upper
276 100
138 24.9 23.0 34.6
277 24.8 20.3 30.5

