

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040554.D
 Acq On : 03 Jul 2023 00:23
 Operator : MA/JU
 Sample : 03243-19
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 02:39:38 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	7337	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	25987	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.572	164	12324	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	24194	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	15878	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	19078	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	31702	2.751	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	6525	0.179	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	10569	0.208	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.783	128	4387	0.061	ng/ul#	87
7) 2-Methylnaphthalene	12.395	142	2862	0.068	ng/ul	100
8) 1-Methylnaphthalene	12.615	142	2208	0.052	ng/ul	97
10) Acenaphthylene	14.290	152	65083	1.182	ng/ul	100
11) Acenaphthene	14.633	153	2494	0.054	ng/ul	95
12) Fluorene	15.623	166	3413	0.069	ng/ul#	95
15) Phenanthrene	17.362	178	45210	0.602	ng/ul	99
16) Anthracene	17.455	178	71901	1.139	ng/ul	99
19) Fluoranthene	19.375	202	385086	5.709	ng/ul	95
20) Pyrene	19.737	202	433439	5.994	ng/ul	99
21) Benzo(a)anthracene	21.483	228	299518	5.577	ng/ul	99
22) Chrysene	21.538	228	338296	5.522	ng/ul	98
24) Benzo(b)fluoranthene	23.178	252	649483	8.797	ng/ul	87
25) Benzo(k)fluoranthene	23.219	252	259398m	3.565	ng/ul	
26) Benzo(a)pyrene	23.806	252	281682	4.235	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.417	276	247770	2.675	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.420	278	63058	0.870	ng/ul	98
29) Benzo(g,h,i)perylene	27.192	276	209893	2.585	ng/ul	94

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

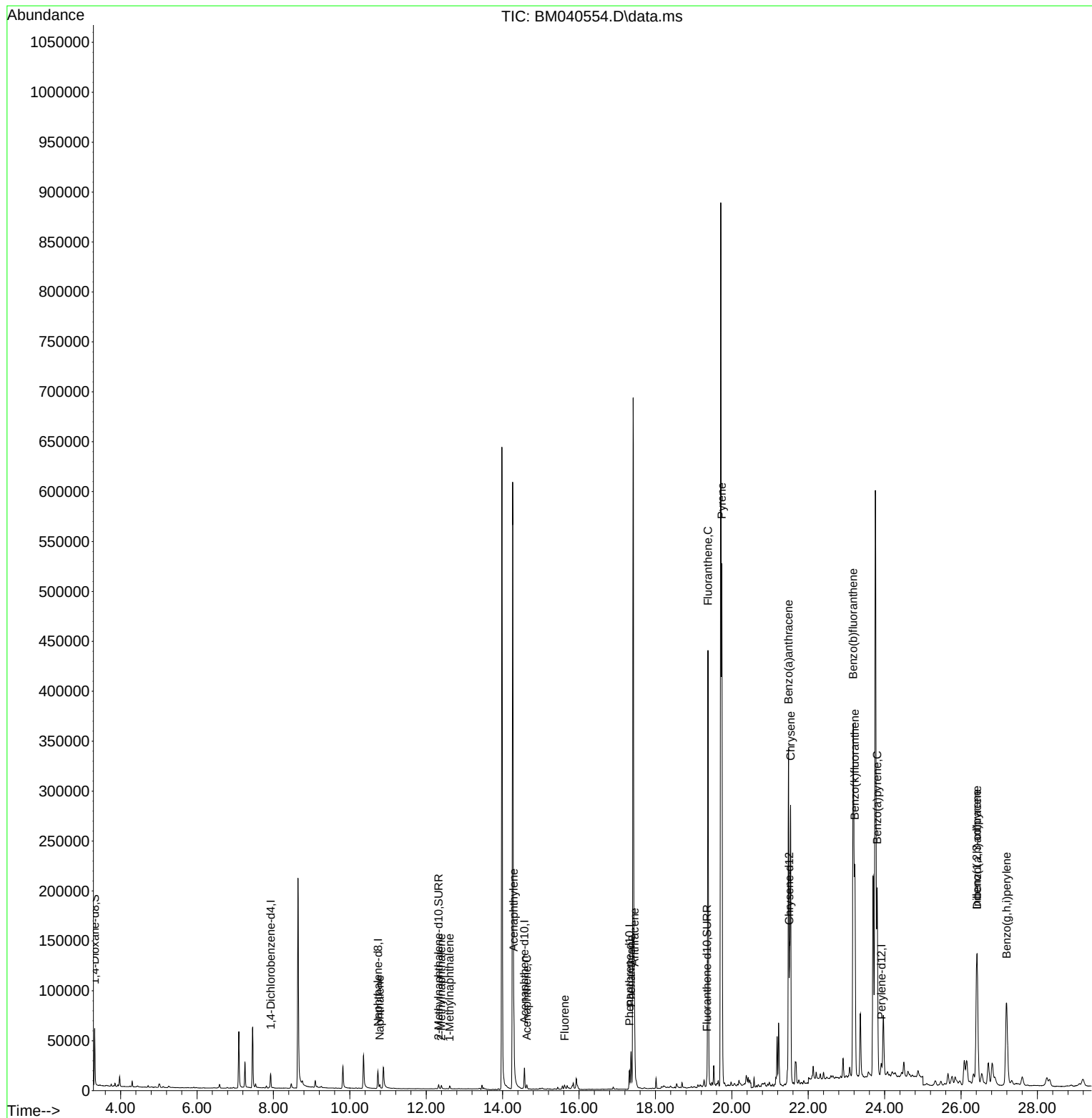
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040554.D
Acq On : 03 Jul 2023 00:23
Operator : MA/JU
Sample : 03243-19
Misc :
ALS Vial : 59 Sample Multiplier: 1

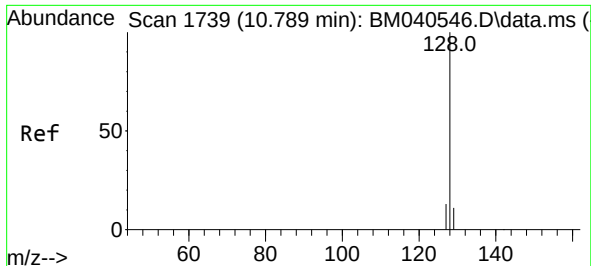
Instrument :
BNA_M
ClientSampleId :
DCGD9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

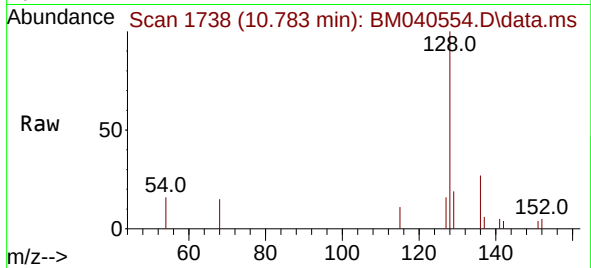
Quant Time: Jul 03 02:39:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.061 ng/ul
RT: 10.783 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

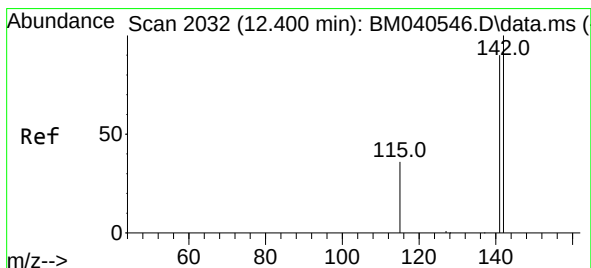
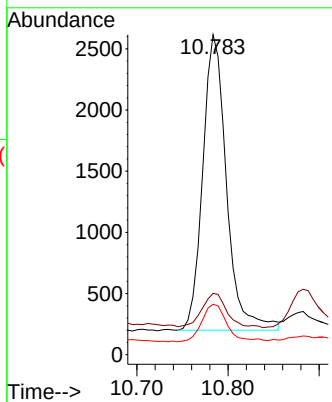
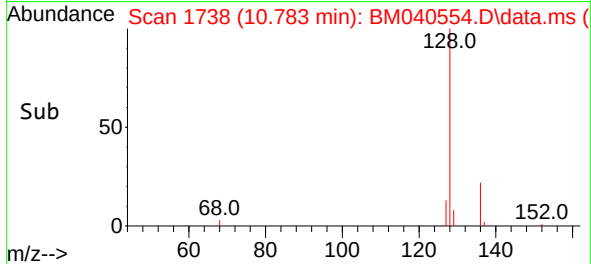
Instrument :
BNA_M
ClientSampleId :
DCGD9



Tgt Ion:128 Resp: 438
Ion Ratio Lower Upper
128 100
129 19.2 9.2 13.8
127 15.8 10.6 15.8

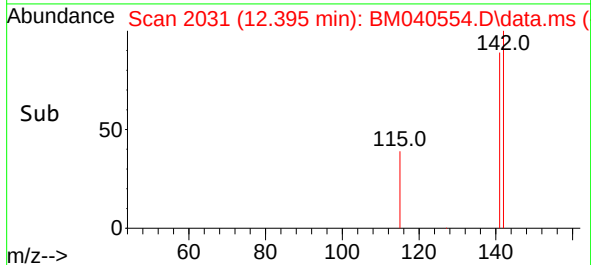
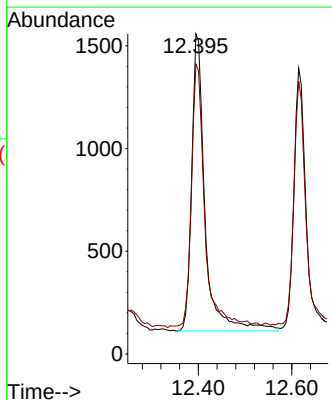
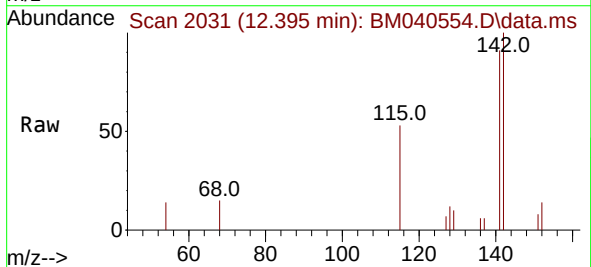
Manual Integrations
APPROVED

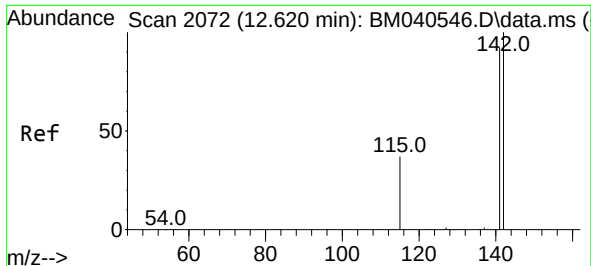
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

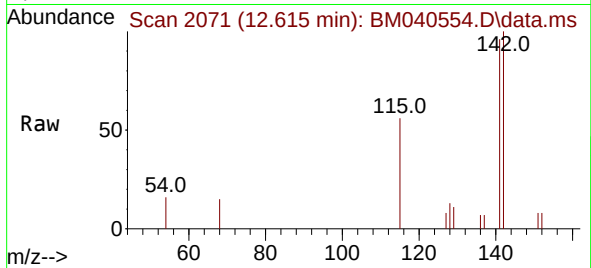
Tgt Ion:142 Resp: 2862
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.011 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

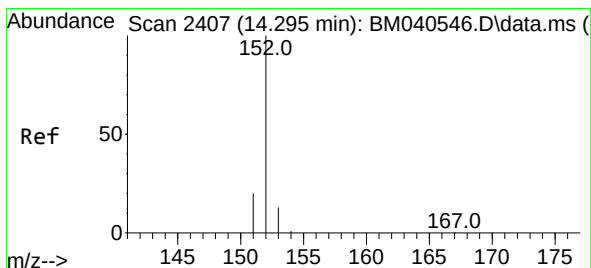
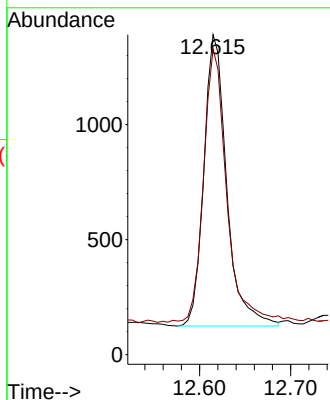
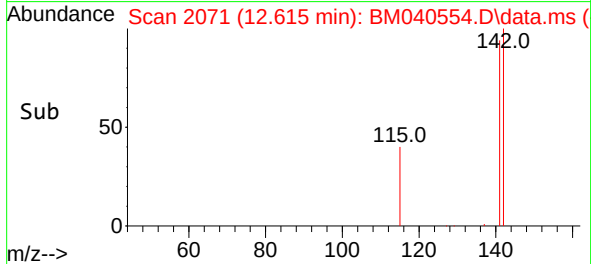
Instrument :
BNA_M
ClientSampleId :
DCGD9



Tgt Ion:142 Resp: 2208
Ion Ratio Lower Upper
142 100
141 94.6 73.7 110.5

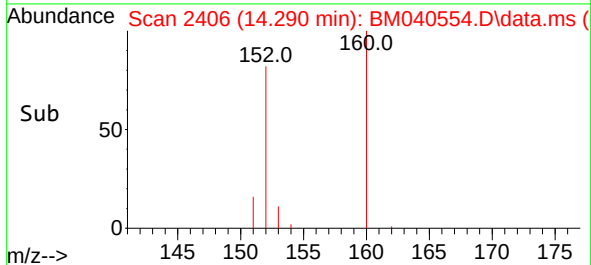
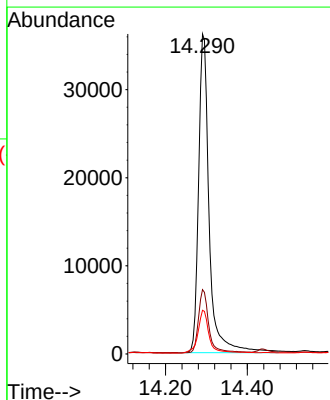
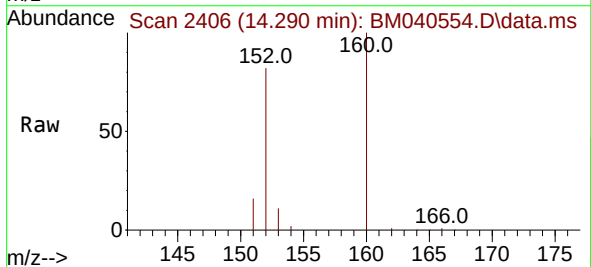
Manual Integrations
APPROVED

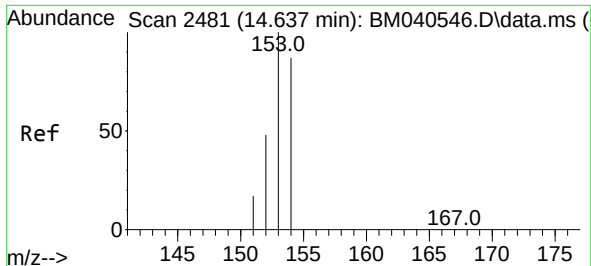
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 1.182 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

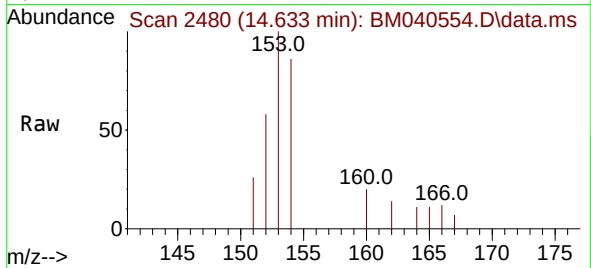
Tgt Ion:152 Resp: 65083
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.7 10.9 16.3





#11
Acenaphthene
Concen: 0.054 ng/u1
RT: 14.633 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

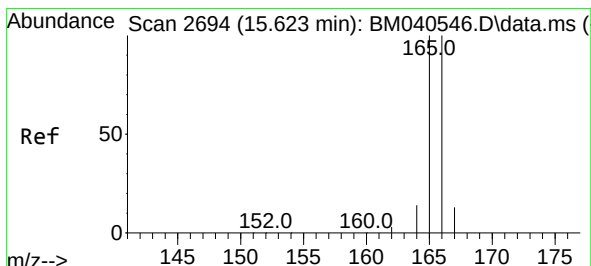
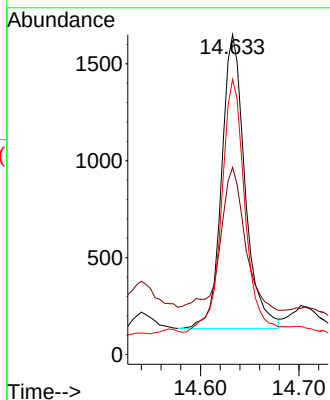
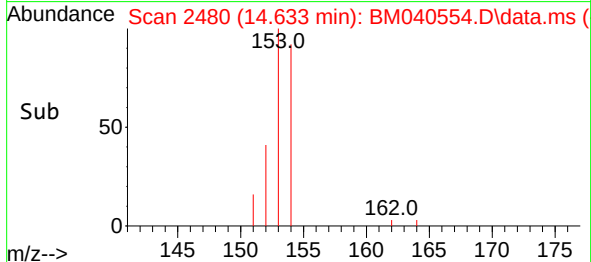
Instrument :
BNA_M
ClientSampleId :
DCGD9



Tgt Ion:153 Resp: 2494
Ion Ratio Lower Upper
153 100
152 58.5 41.0 61.4
154 86.1 70.8 106.2

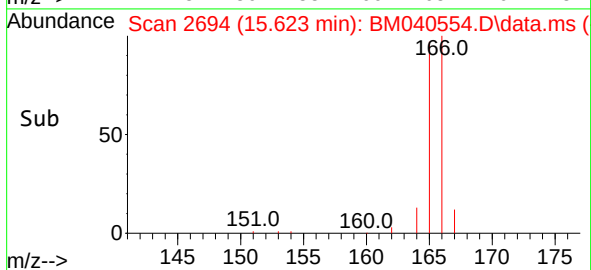
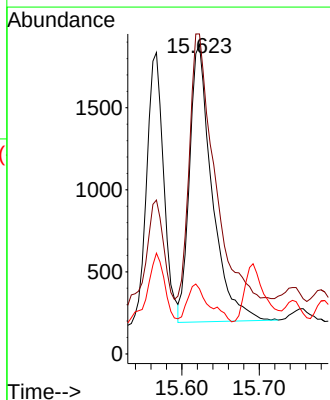
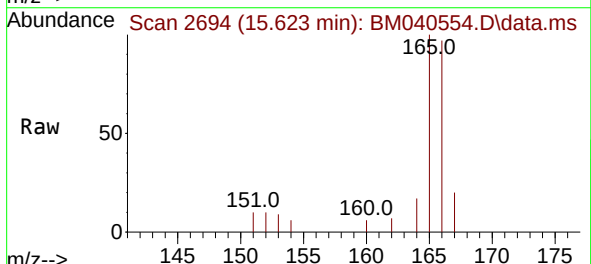
Manual Integrations
APPROVED

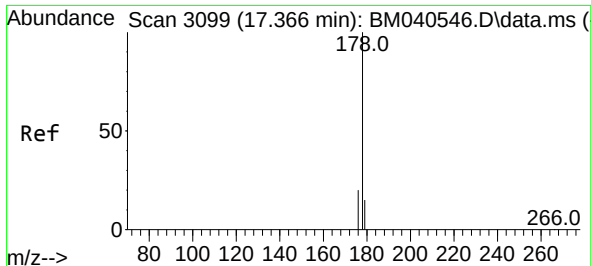
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#12
Fluorene
Concen: 0.069 ng/u1
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

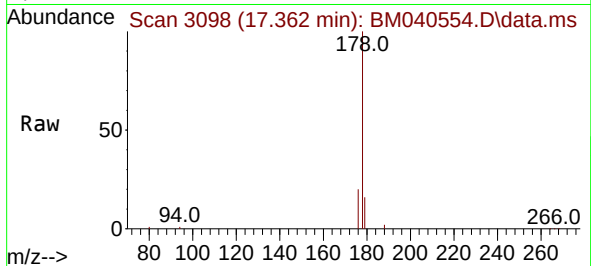
Tgt Ion:166 Resp: 3413
Ion Ratio Lower Upper
166 100
165 103.4 79.6 119.4
167 21.0 11.4 17.0#





#15
Phenanthrene
Concen: 0.602 ng/u1
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

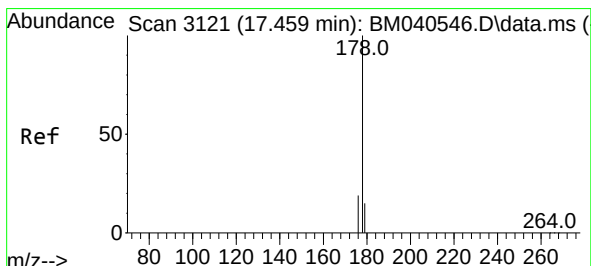
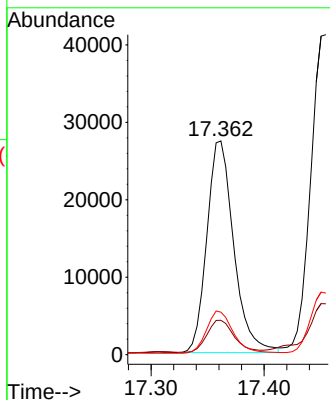
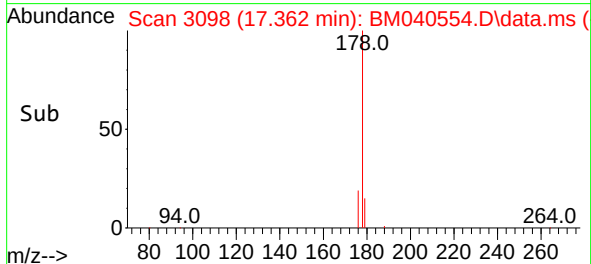
Instrument :
BNA_M
ClientSampleId :
DCGD9



Tgt Ion:178 Resp: 45210
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 19.9 16.4 24.6

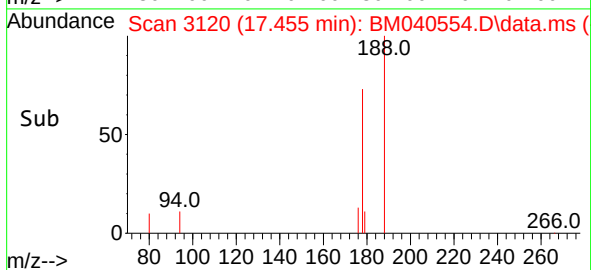
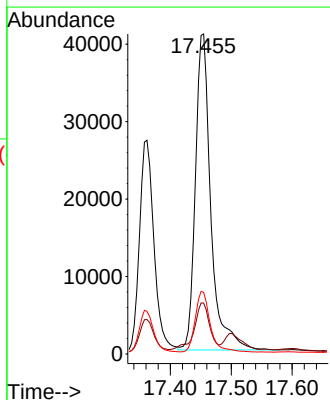
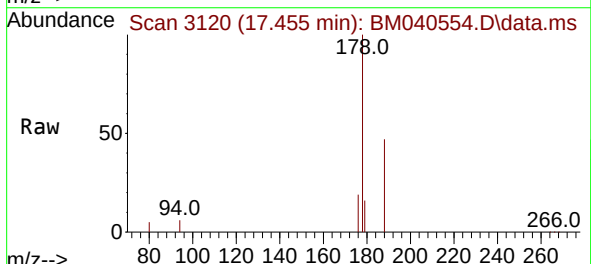
Manual Integrations
APPROVED

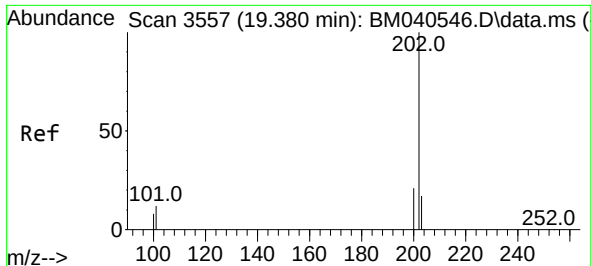
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#16
Anthracene
Concen: 1.139 ng/u1
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

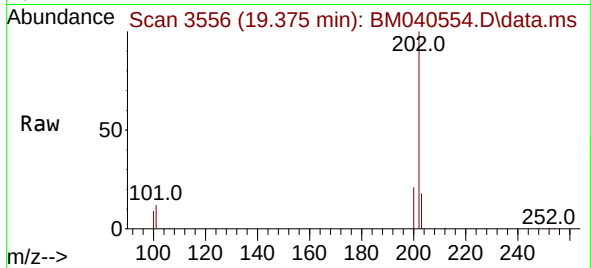
Tgt Ion:178 Resp: 71901
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.2 15.8 23.6





#19
Fluoranthene
Concen: 5.709 ng/u1
RT: 19.375 min Scan# 3557
Delta R.T. -0.009 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

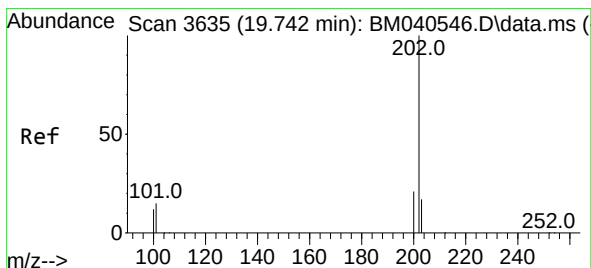
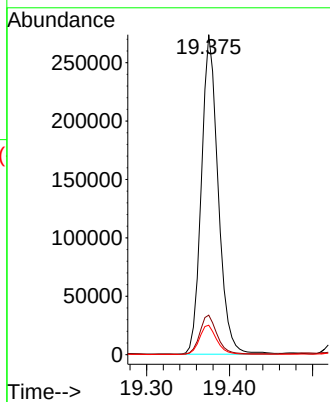
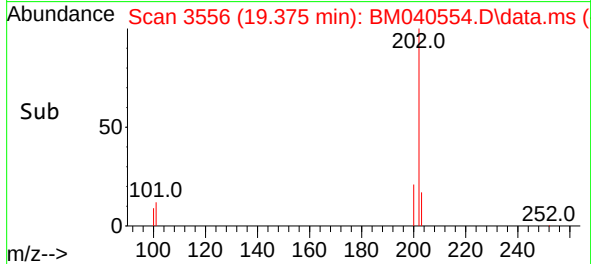
Instrument :
BNA_M
ClientSampleId :
DCGD9



Tgt Ion:202 Resp: 385080
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 9.2 8.7 13.1

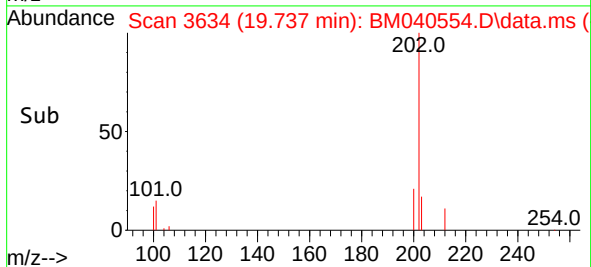
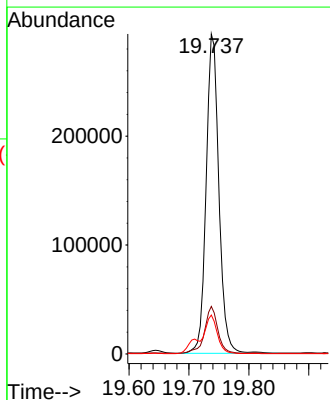
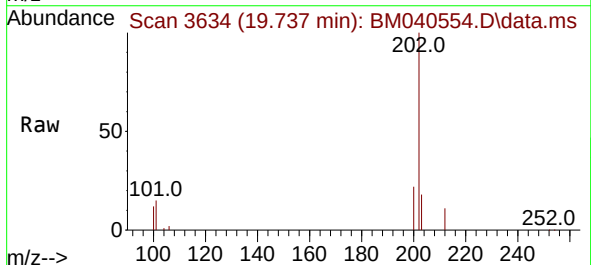
Manual Integrations
APPROVED

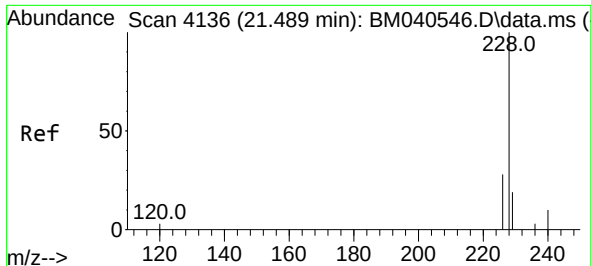
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#20
Pyrene
Concen: 5.994 ng/u1
RT: 19.737 min Scan# 3634
Delta R.T. -0.009 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

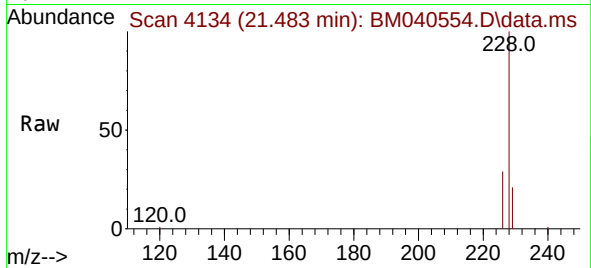
Tgt Ion:202 Resp: 433439
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 12.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 5.577 ng/u1
RT: 21.483 min Scan# 4136
Delta R.T. -0.009 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

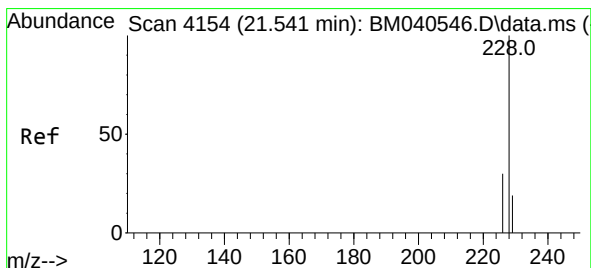
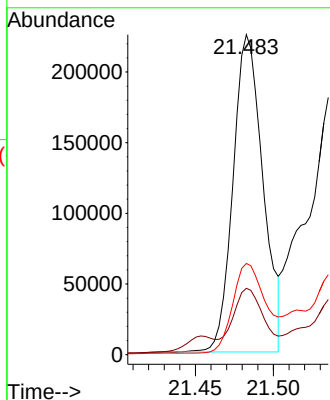
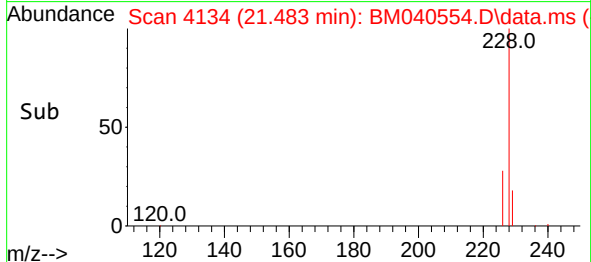
Instrument :
BNA_M
ClientSampleId :
DCGD9



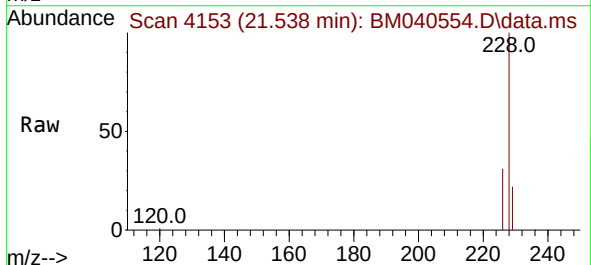
Tgt Ion:228 Resp: 299518
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.5 22.3 33.5

Manual Integrations
APPROVED

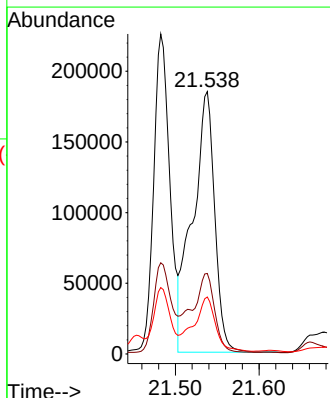
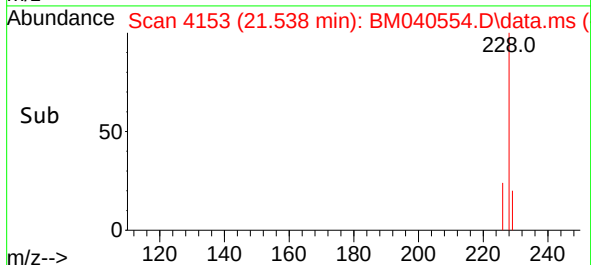
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

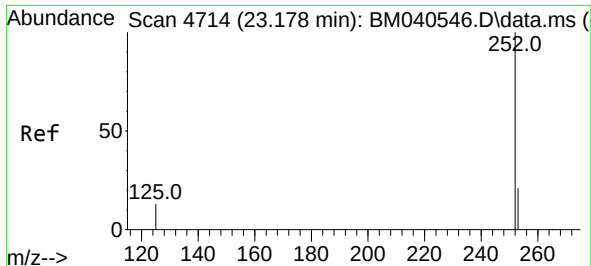


#22
Chrysene
Concen: 5.522 ng/u1
RT: 21.538 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23



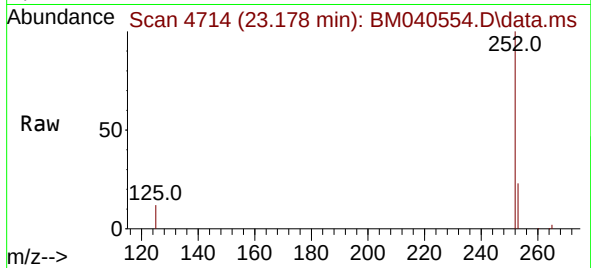
Tgt Ion:228 Resp: 338296
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 21.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 8.797 ng/ul
RT: 23.178 min Scan# 4714
Delta R.T. -0.003 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

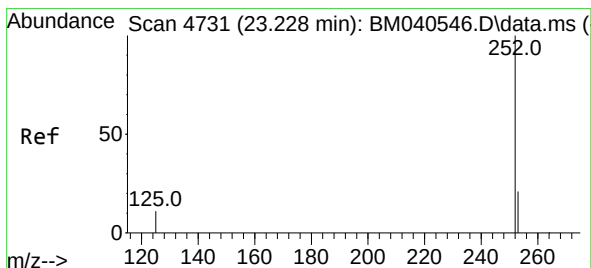
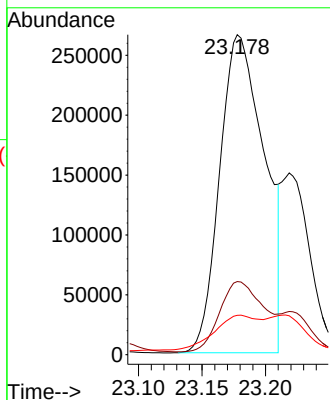
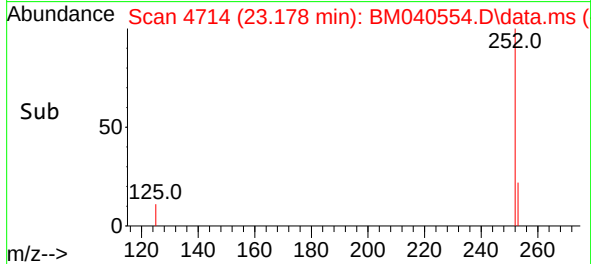
Instrument :
BNA_M
ClientSampleId :
DCGD9



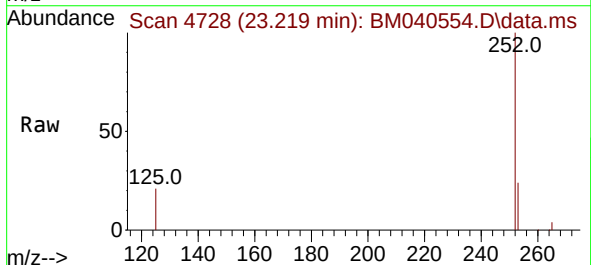
Tgt Ion:252 Resp: 64948
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.8
125 12.3 0.0 43.0

Manual Integrations
APPROVED

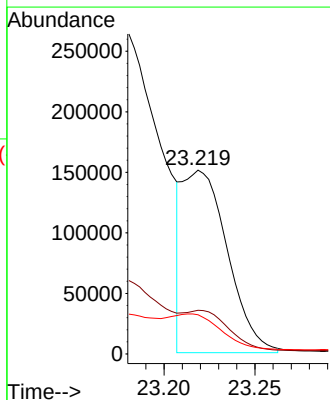
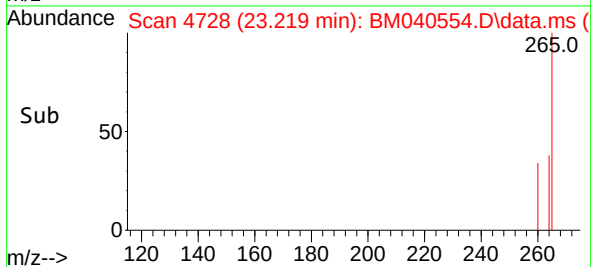
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

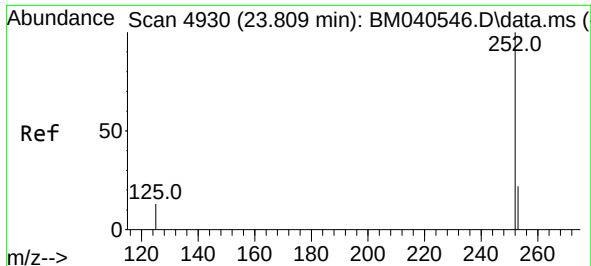


#25
Benzo(k)fluoranthene
Concen: 3.565 ng/ul m
RT: 23.219 min Scan# 4728
Delta R.T. -0.009 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23



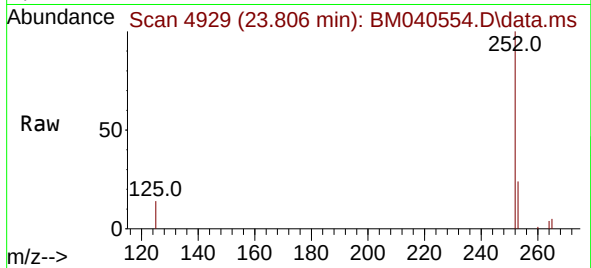
Tgt Ion:252 Resp: 259398
Ion Ratio Lower Upper
252 100
253 23.8 21.2 31.8
125 21.4 16.4 24.6





#26
Benzo(a)pyrene
Concen: 4.235 ng/ul
RT: 23.806 min Scan# 4930
Delta R.T. -0.006 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

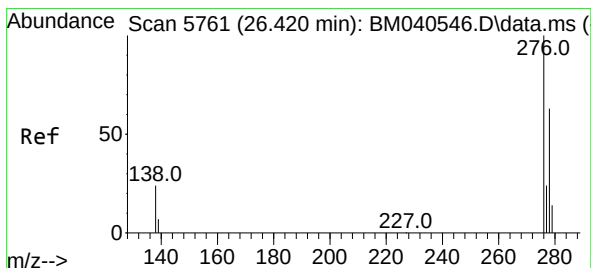
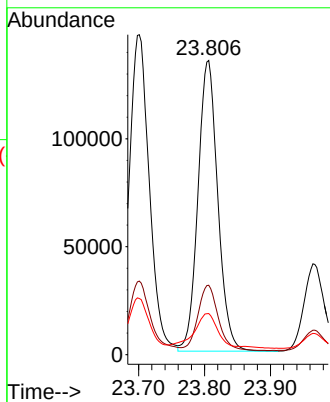
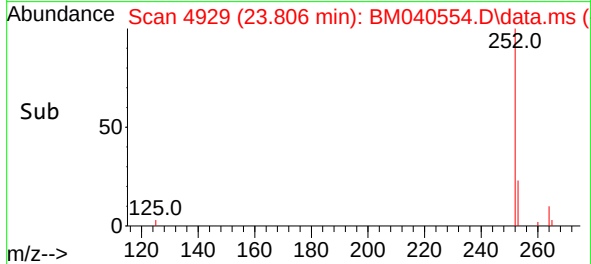
Instrument :
BNA_M
ClientSampleId :
DCGD9



Tgt Ion:252 Resp: 28168
Ion Ratio Lower Upper
252 100
253 23.6 22.9 34.3
125 14.0 21.0 31.4

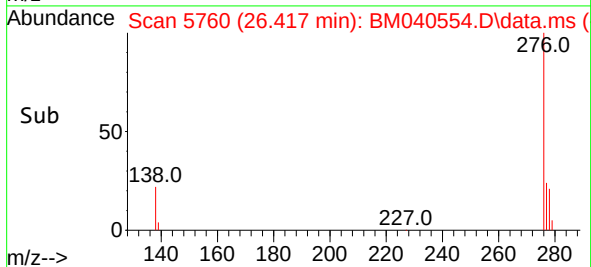
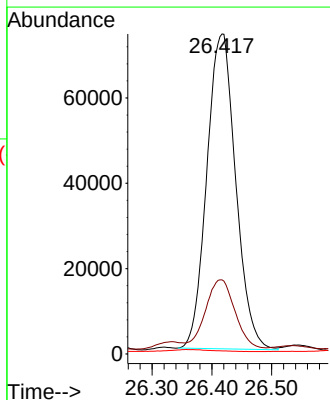
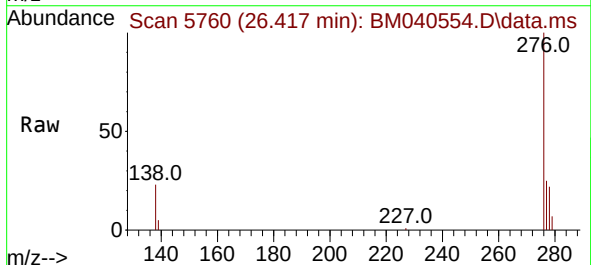
Manual Integrations
APPROVED

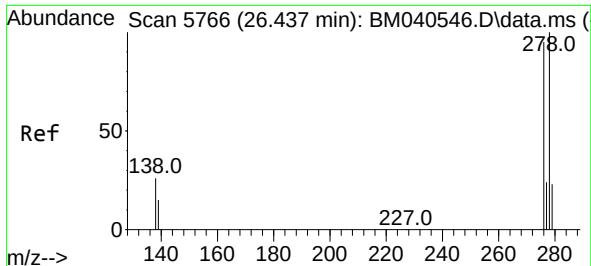
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.675 ng/ul
RT: 26.417 min Scan# 5760
Delta R.T. -0.003 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

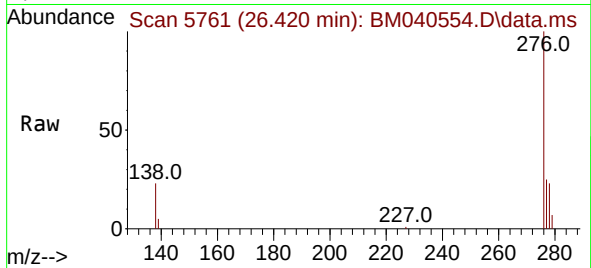
Tgt Ion:276 Resp: 247770
Ion Ratio Lower Upper
276 100
138 22.5 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.870 ng/ul
RT: 26.420 min Scan# 5766
Delta R.T. -0.017 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

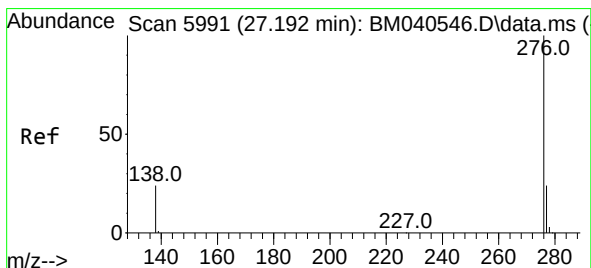
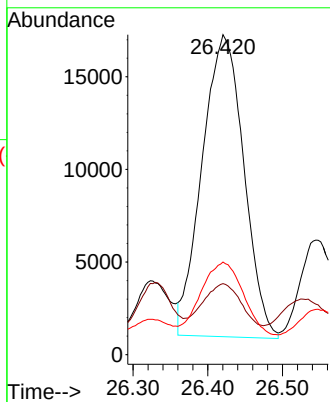
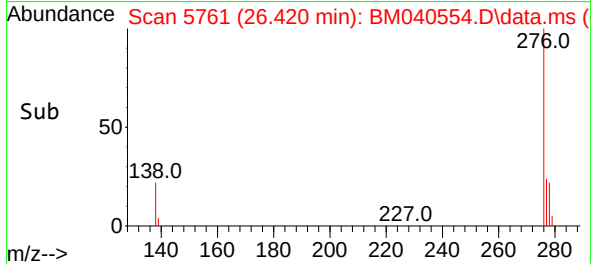
Instrument :
BNA_M
ClientSampleId :
DCGD9



Tgt Ion:278 Resp: 63058
Ion Ratio Lower Upper
278 100
139 22.2 17.9 26.9
279 29.0 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#29
Benzo(g,h,i)perylene
Concen: 2.585 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040554.D
Acq: 03 Jul 2023 00:23

Tgt Ion:276 Resp: 209893
Ion Ratio Lower Upper
276 100
138 24.0 23.0 34.6
277 24.3 20.3 30.5

