

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040569.D
 Acq On : 03 Jul 2023 11:12
 Operator : MA/JU
 Sample : 03245-22
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGJ0

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 01:53:51 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	8091	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	29085	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.568	164	13586	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	25779	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	14326	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	15665	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	17026	1.340	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	4024	0.099	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	5571	0.121	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	7802	0.097	ng/ul#	95
7) 2-Methylnaphthalene	12.395	142	2512	0.053	ng/ul	100
8) 1-Methylnaphthalene	12.609	142	1427	0.030	ng/ul	99
10) Acenaphthylene	14.290	152	12661	0.209	ng/ul	97
11) Acenaphthene	14.628	153	1284	0.025	ng/ul#	93
12) Fluorene	15.618	166	1246	0.023	ng/ul#	89
15) Phenanthrene	17.358	178	23352	0.292	ng/ul	99
16) Anthracene	17.450	178	9502	0.141	ng/ul#	93
19) Fluoranthene	19.375	202	94273	1.549	ng/ul	96
20) Pyrene	19.737	202	76909m	1.179	ng/ul	
21) Benzo(a)anthracene	21.486	228	48689	1.005	ng/ul	94
22) Chrysene	21.538	228	53639m	0.970	ng/ul	
24) Benzo(b)fluoranthene	23.178	252	99192	1.636	ng/ul	95
25) Benzo(k)fluoranthene	23.219	252	29383m	0.492	ng/ul	
26) Benzo(a)pyrene	23.806	252	54973	1.007	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.414	276	51836	0.682	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.424	278	12530	0.210	ng/ul#	75
29) Benzo(g,h,i)perylene	27.185	276	45166	0.678	ng/ul	99

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

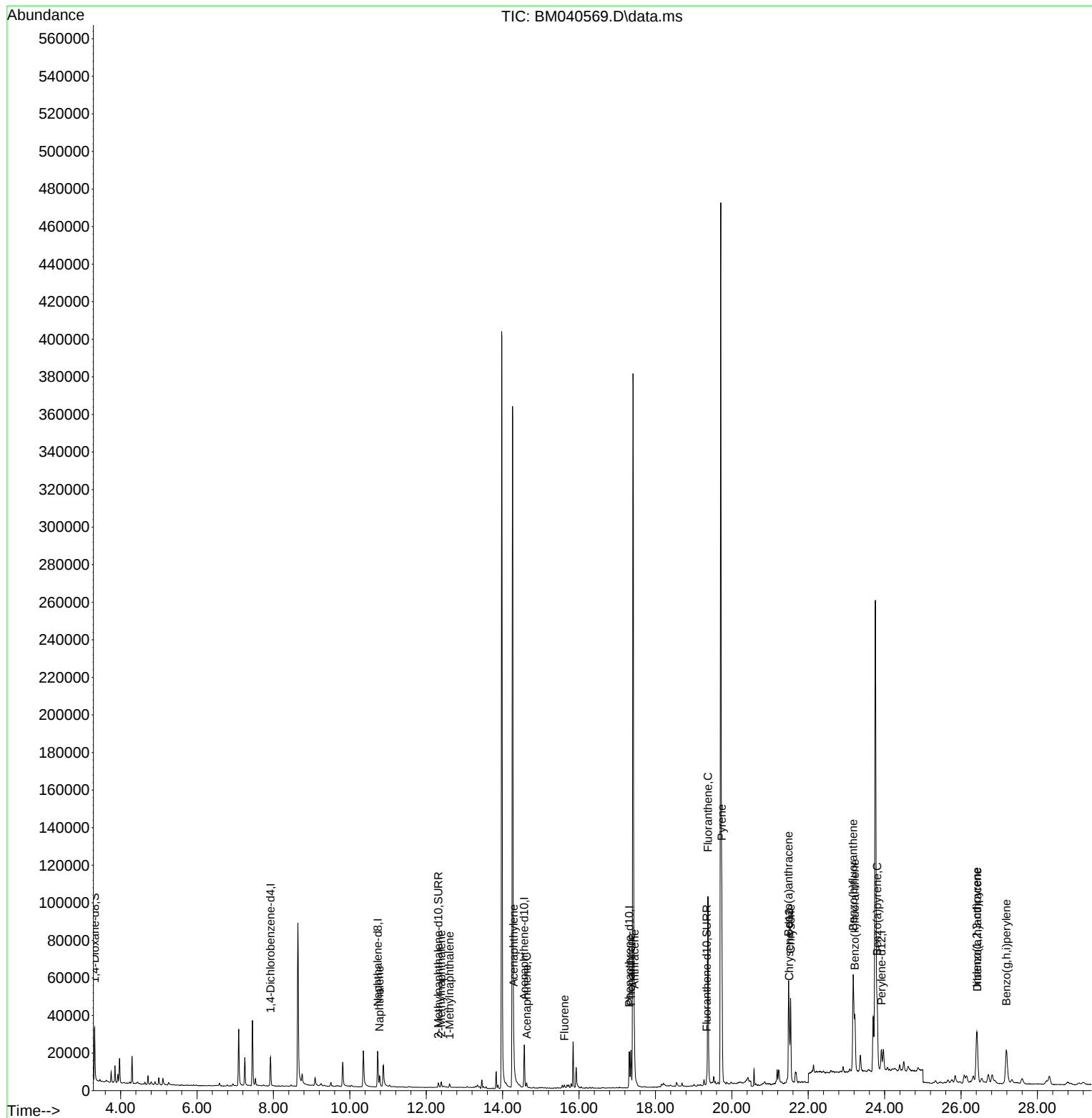
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040569.D
Acq On : 03 Jul 2023 11:12
Operator : MA/JU
Sample : 03245-22
Misc :
ALS Vial : 6 Sample Multiplier: 1

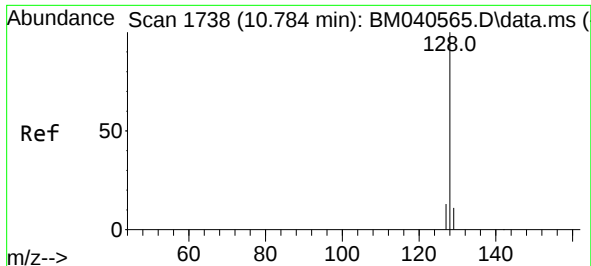
Instrument :
BNA_M
ClientSampleId :
DCGJ0

Manual Integrations
APPROVED

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

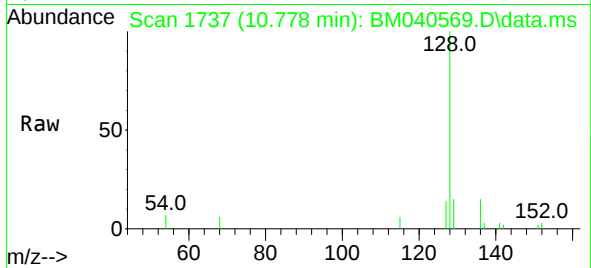
Quant Time: Jul 04 01:53:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.097 ng/ul
RT: 10.778 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

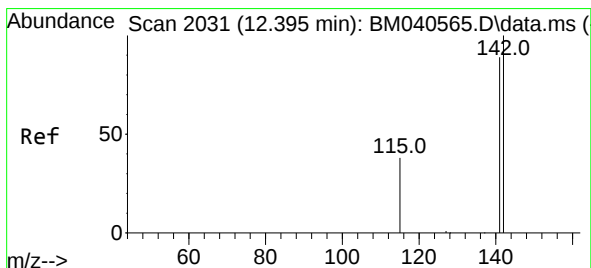
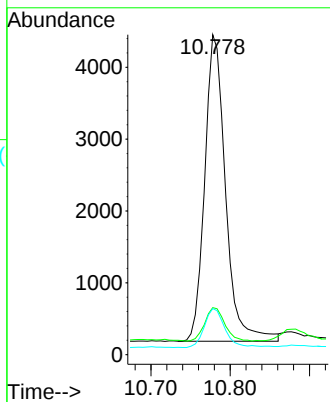
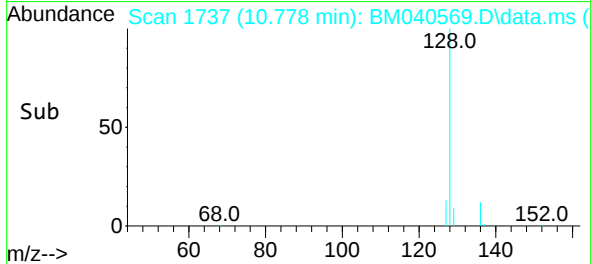
Instrument :
BNA_M
ClientSampleId :
DCGJ0



Tgt Ion:128 Resp: 7802
Ion Ratio Lower Upper
128 100
129 14.7 9.2 13.8
127 14.4 10.6 15.8

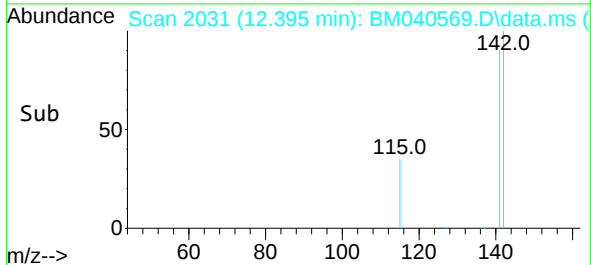
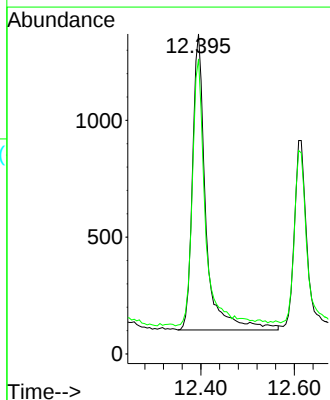
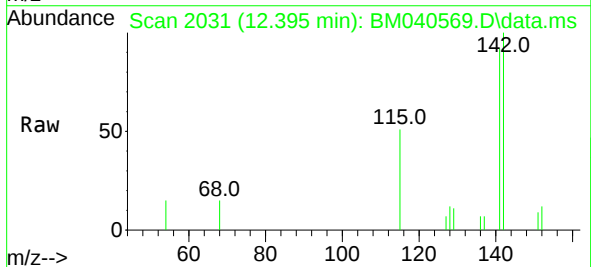
Manual Integrations
APPROVED

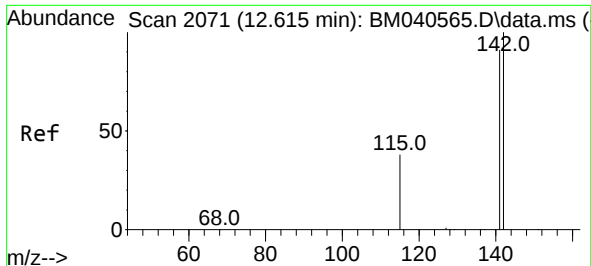
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

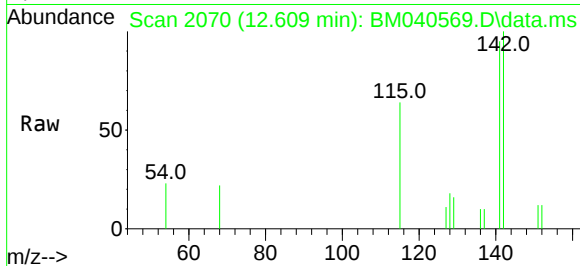
Tgt Ion:142 Resp: 2512
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.609 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

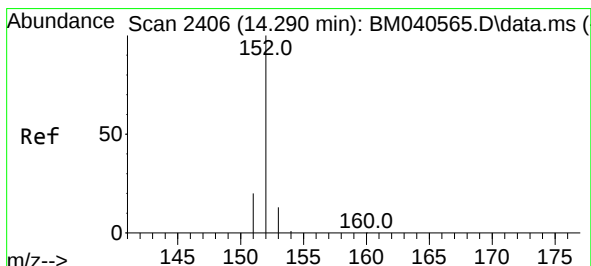
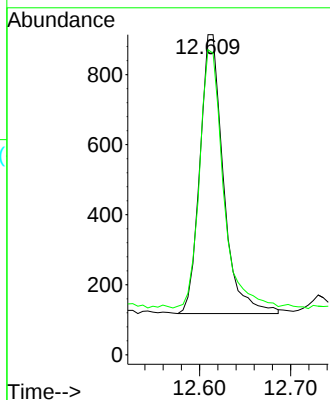
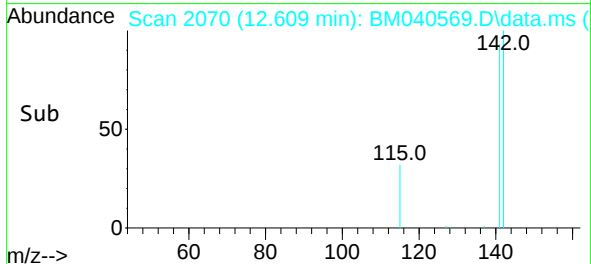
Instrument :
BNA_M
ClientSampleId :
DCGJ0



Tgt Ion:142 Resp: 142
Ion Ratio Lower Upper
142 100
141 93.1 73.7 110.5

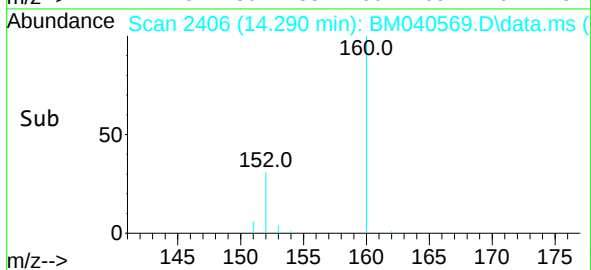
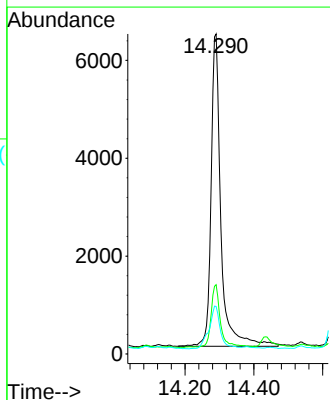
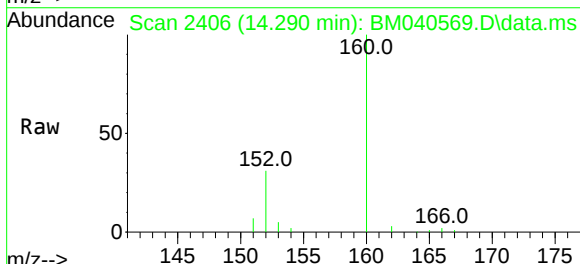
Manual Integrations
APPROVED

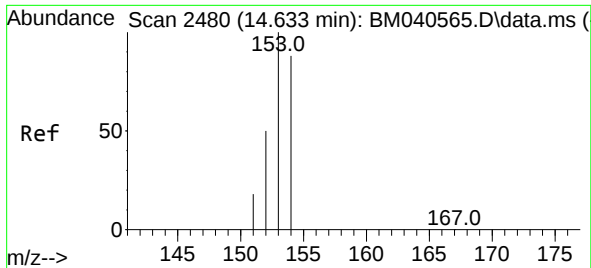
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.209 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

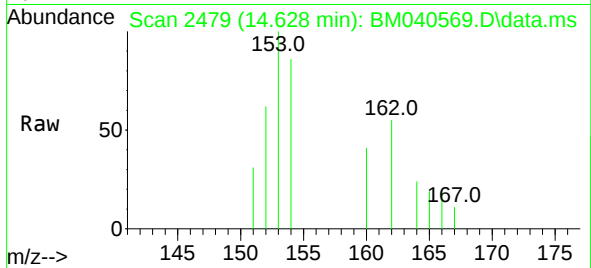
Tgt Ion:152 Resp: 12661
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.2
153 14.9 10.9 16.3





#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.628 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

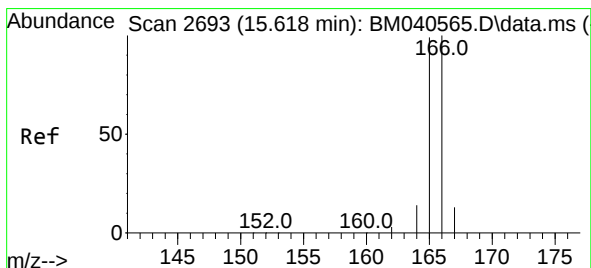
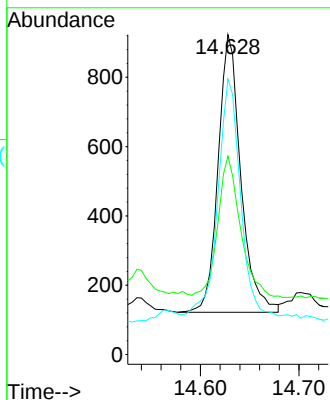
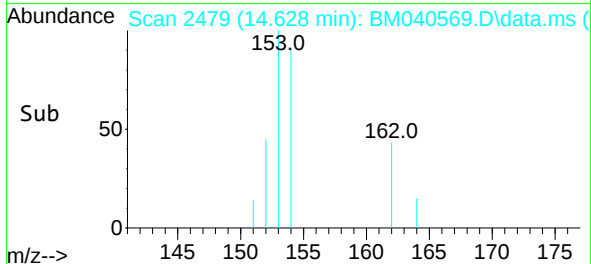
Instrument :
BNA_M
ClientSampleId :
DCGJ0



Tgt Ion:153 Resp: 1284
Ion Ratio Lower Upper
153 100
152 62.0 41.0 61.4
154 86.1 70.8 106.2

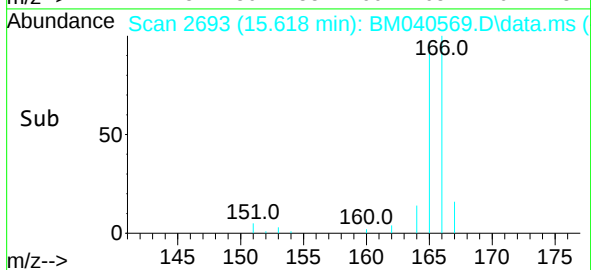
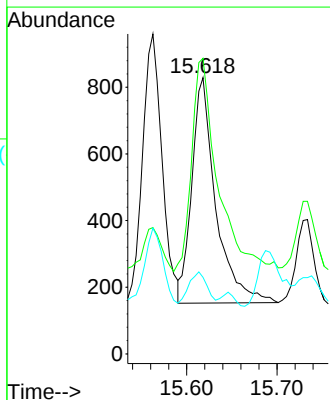
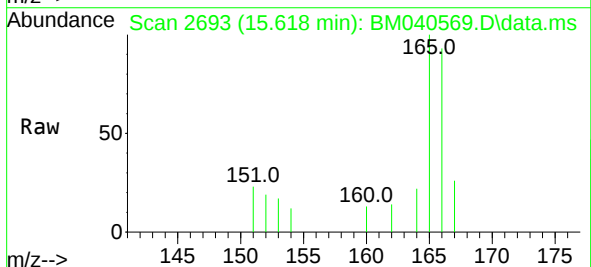
Manual Integrations
APPROVED

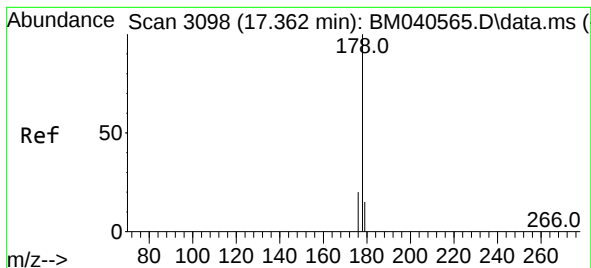
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.000 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

Tgt Ion:166 Resp: 1246
Ion Ratio Lower Upper
166 100
165 107.0 79.6 119.4
167 27.7 11.4 17.0#





#15

Phenanthrene

Concen: 0.292 ng/ul

RT: 17.358 min Scan# 3098

Delta R.T. -0.004 min

Lab File: BM040569.D

Acq: 03 Jul 2023 11:12

Instrument :

BNA_M

ClientSampleId :

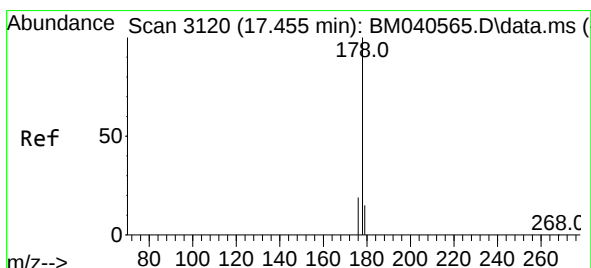
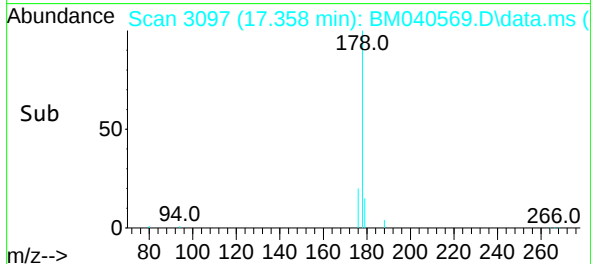
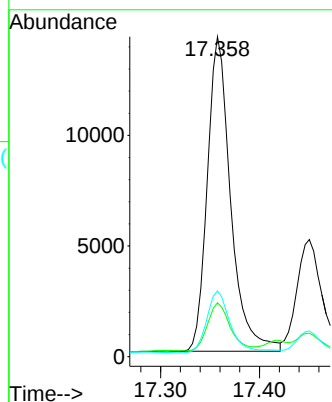
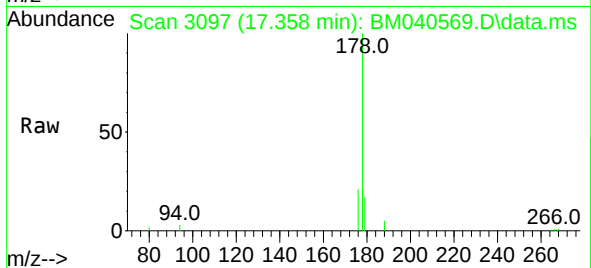
DCGJ0

Tgt Ion:178	Resp:	2335
Ion Ratio	Lower	Upper
178	100	
179	16.8	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: 0.141 ng/ul

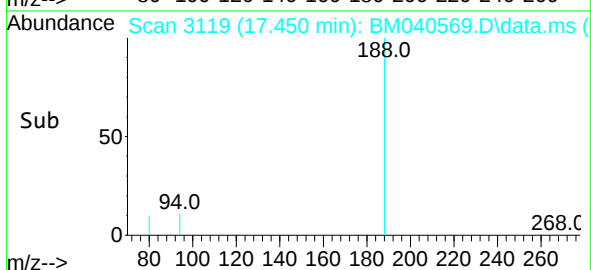
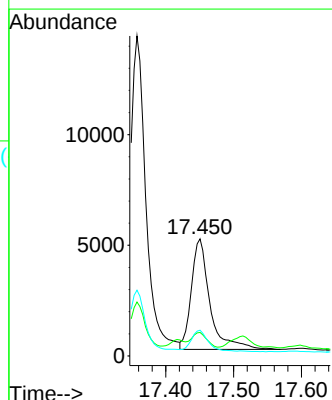
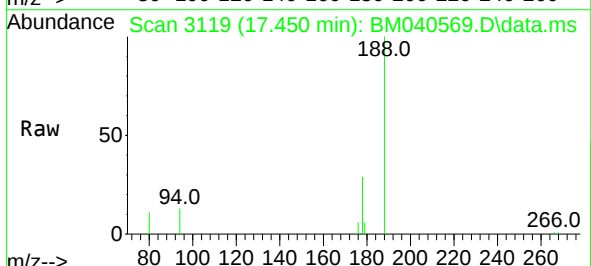
RT: 17.450 min Scan# 3119

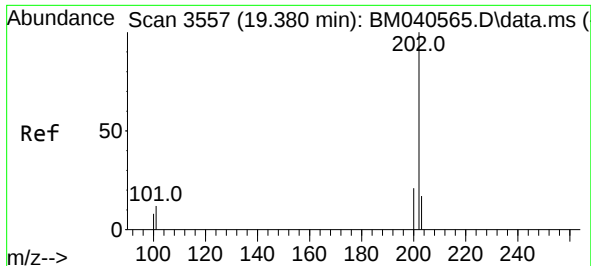
Delta R.T. -0.004 min

Lab File: BM040569.D

Acq: 03 Jul 2023 11:12

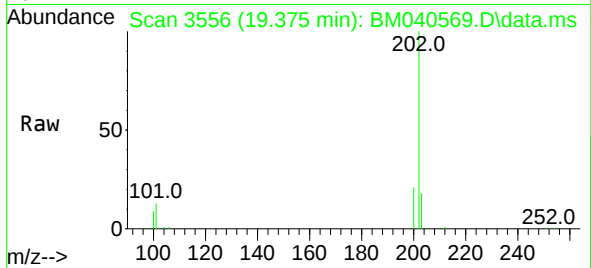
Tgt Ion:178	Resp:	9502
Ion Ratio	Lower	Upper
178	100	
179	20.0	12.9 19.3#
176	22.0	15.8 23.6





#19
Fluoranthene
Concen: 1.549 ng/ul
RT: 19.375 min Scan# 3556
Delta R.T. -0.005 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

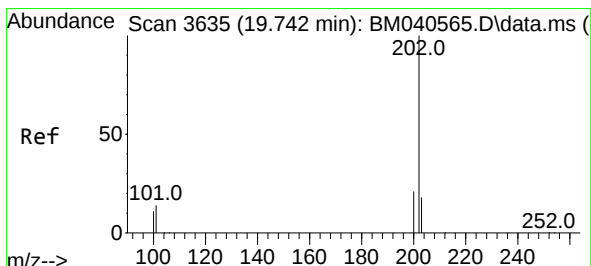
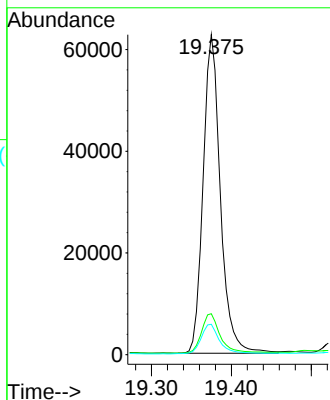
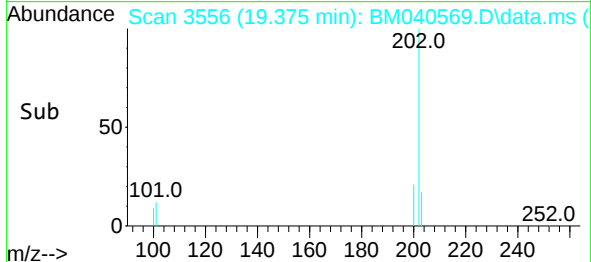
Instrument :
BNA_M
ClientSampleId :
DCGJ0



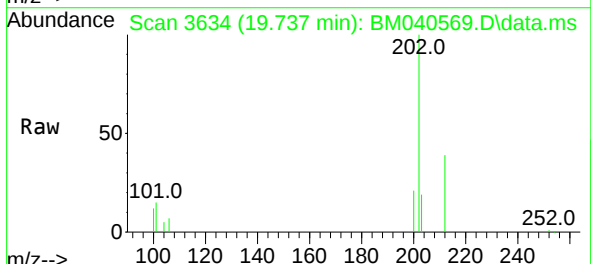
Tgt Ion:202 Resp: 9427
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 9.5 8.7 13.1

Manual Integrations
APPROVED

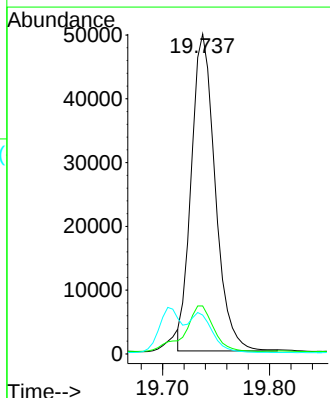
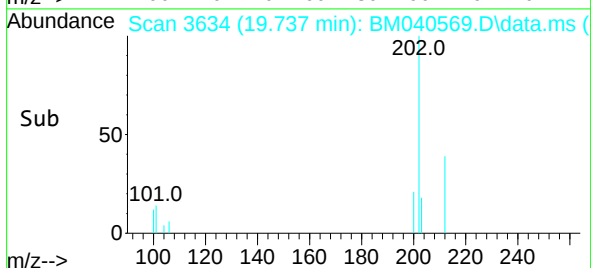
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

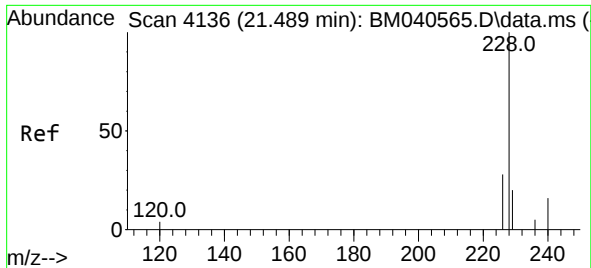


#20
Pyrene
Concen: 1.179 ng/ul m
RT: 19.737 min Scan# 3634
Delta R.T. -0.005 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12



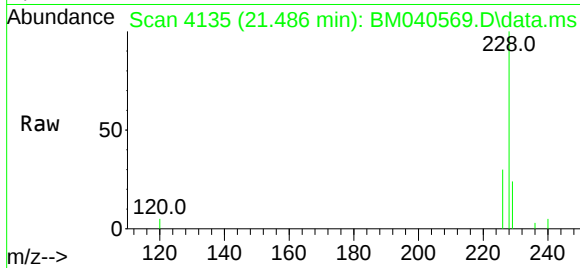
Tgt Ion:202 Resp: 76909
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.005 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.003 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

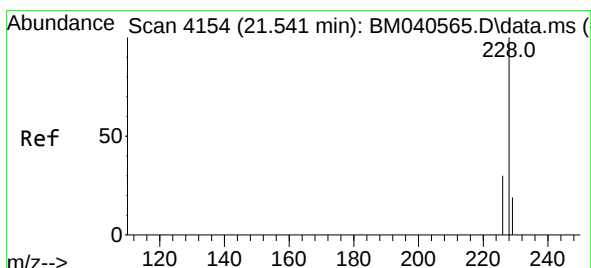
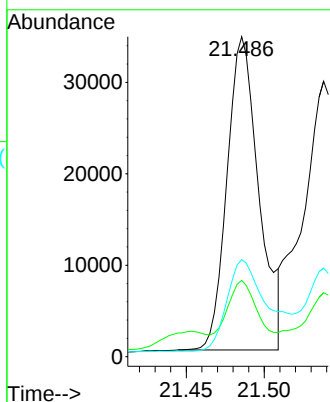
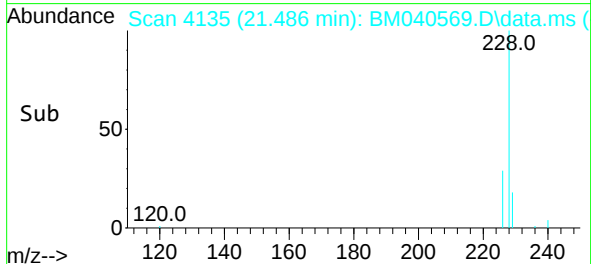
Instrument :
BNA_M
ClientSampleId :
DCGJ0



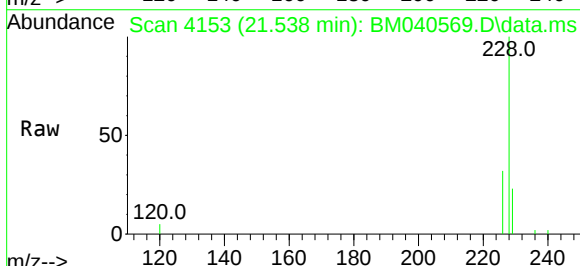
Tgt Ion:228 Resp: 48689
Ion Ratio Lower Upper
228 100
229 23.9 16.0 24.0
226 30.3 22.3 33.5

Manual Integrations
APPROVED

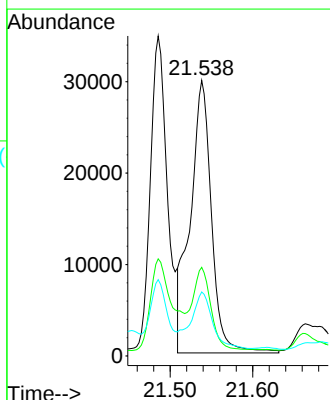
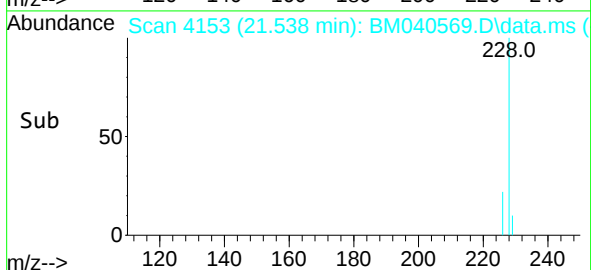
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

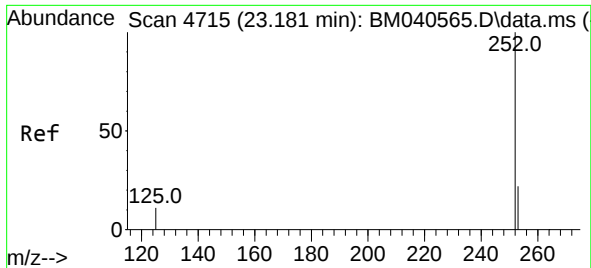


#22
Chrysene
Concen: 0.970 ng/ul m
RT: 21.538 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12



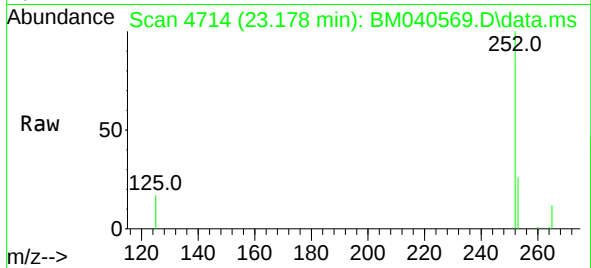
Tgt Ion:228 Resp: 53639
Ion Ratio Lower Upper
228 100
226 32.2 24.9 37.3
229 23.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.636 ng/ul
RT: 23.178 min Scan# 4714
Delta R.T. -0.003 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

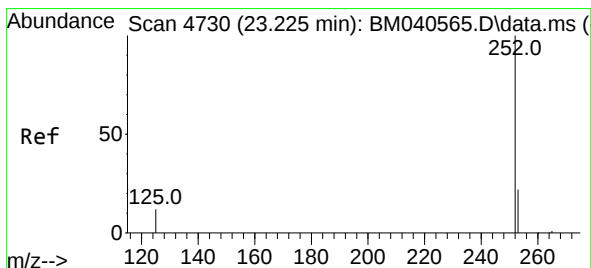
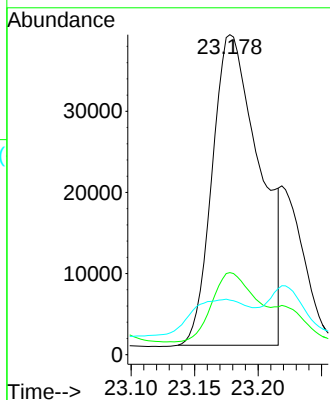
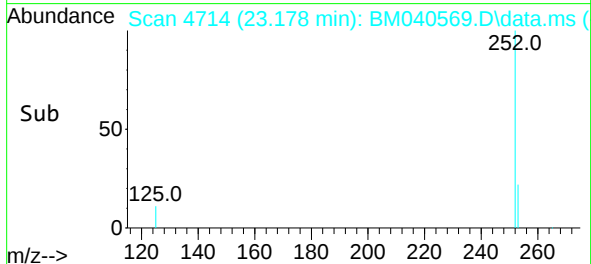
Instrument :
BNA_M
ClientSampleId :
DCGJ0



Tgt Ion:252 Resp: 99192
Ion Ratio Lower Upper
252 100
253 25.7 0.0 52.8
125 17.1 0.0 43.0

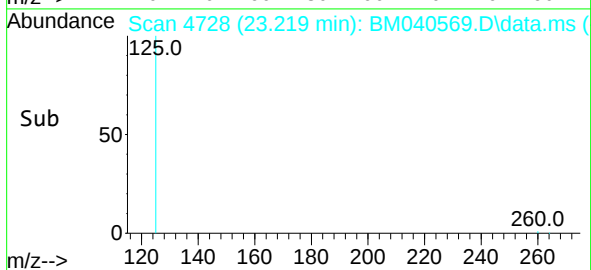
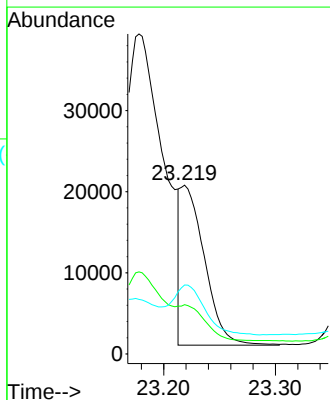
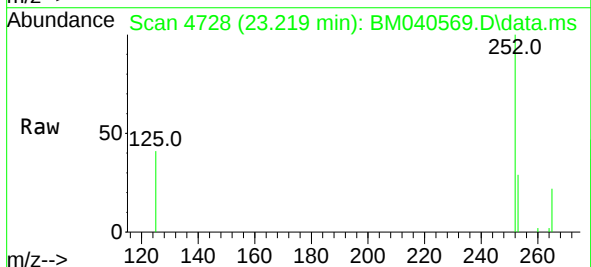
Manual Integrations
APPROVED

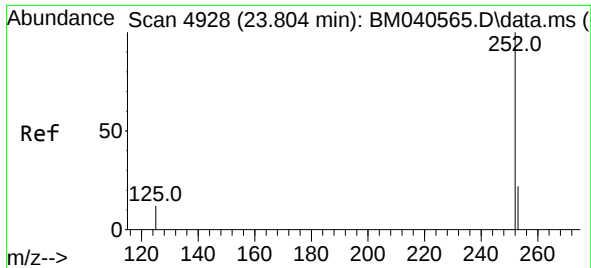
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.492 ng/ul m
RT: 23.219 min Scan# 4728
Delta R.T. -0.006 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

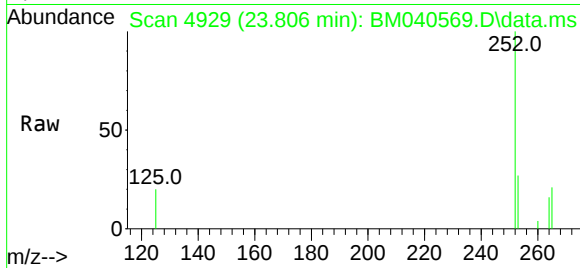
Tgt Ion:252 Resp: 29383
Ion Ratio Lower Upper
252 100
253 29.2 21.2 31.8
125 40.8 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.007 ng/u1
RT: 23.806 min Scan# 4928
Delta R.T. 0.003 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

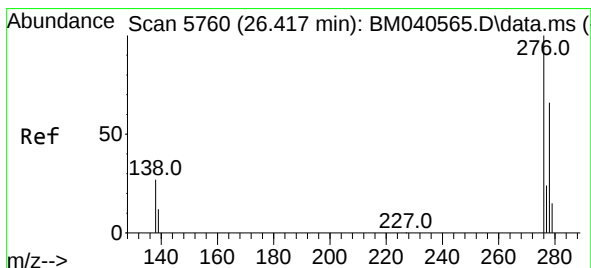
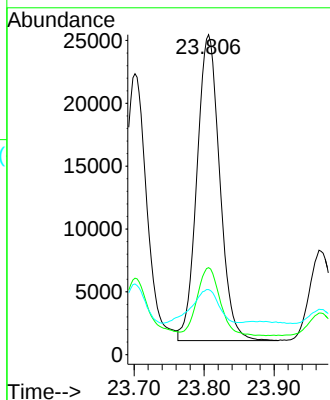
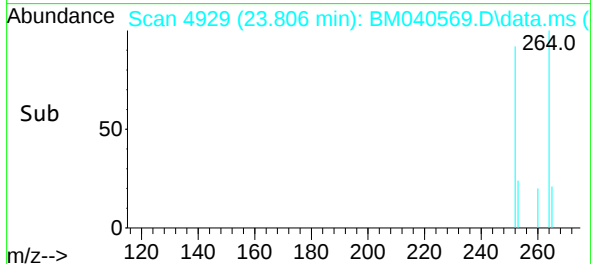
Instrument :
BNA_M
ClientSampleId :
DCGJ0



Tgt Ion:252 Resp: 5497
Ion Ratio Lower Upper
252 100
253 27.2 22.9 34.3
125 20.4 21.0 31.4

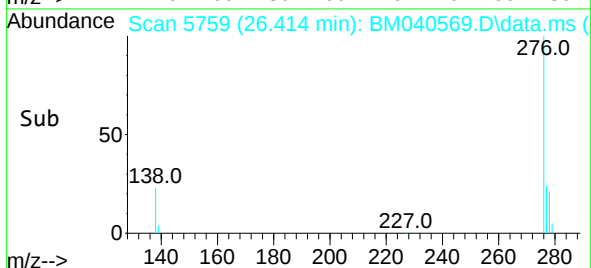
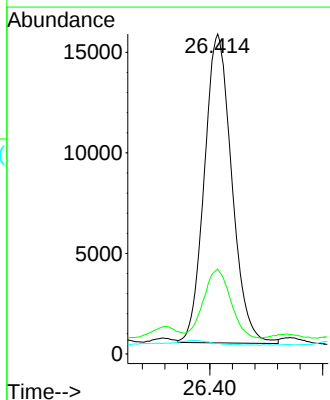
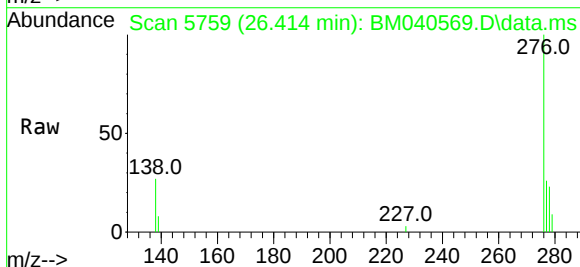
Manual Integrations
APPROVED

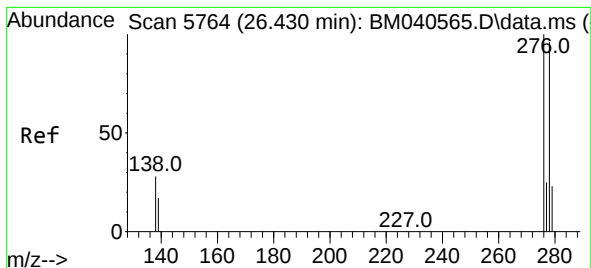
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.682 ng/u1
RT: 26.414 min Scan# 5759
Delta R.T. -0.003 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

Tgt Ion:276 Resp: 51836
Ion Ratio Lower Upper
276 100
138 22.1 24.5 36.7#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.210 ng/ul

RT: 26.424 min Scan# 51

Delta R.T. -0.007 min

Lab File: BM040569.D

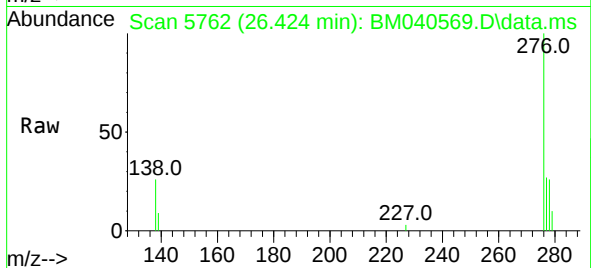
Acq: 03 Jul 2023 11:12

Instrument :

BNA_M

ClientSampleId :

DCGJ0



Tgt Ion:278 Resp: 12530

Ion Ratio Lower Upper

278 100

139 34.9 17.9 26.9

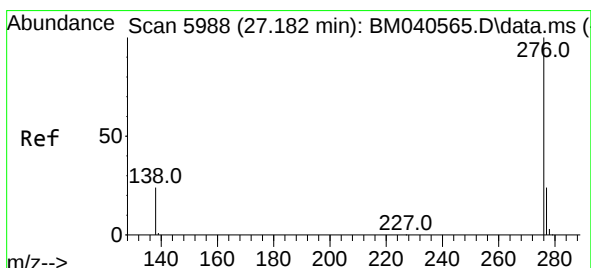
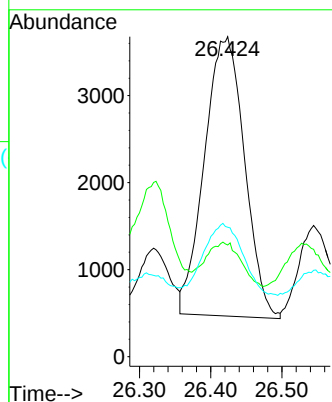
279 40.5 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/04/2023

Supervised By :Sohil Jodhani 07/04/2023



#29

Benzo(g,h,i)perylene

Concen: 0.678 ng/ul

RT: 27.185 min Scan# 5989

Delta R.T. 0.003 min

Lab File: BM040569.D

Acq: 03 Jul 2023 11:12

Tgt Ion:276 Resp: 45166

Ion Ratio Lower Upper

276 100

138 28.9 23.0 34.6

277 26.7 20.3 30.5

