

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040597.D
 Acq On : 04 Jul 2023 04:47
 Operator : MA/JU
 Sample : 03242-07DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGC7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 05:51:14 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	7.919	152	7657	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	27876	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.563	164	12432	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	22815	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	13286	0.400	ng/ul	0.00
23) Perylene-d12	23.900	264	13814	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	8141	0.677	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	2008	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	2491	0.058	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.773	128	11584	0.151	ng/ul	97
7) 2-Methylnaphthalene	12.389	142	2832	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.609	142	1117	0.025	ng/ul	99
10) Acenaphthylene	14.281	152	10667	0.192	ng/ul	97
11) Acenaphthene	14.623	153	1331	0.028	ng/ul	95
12) Fluorene	15.613	166	1401	0.028	ng/ul#	95
15) Phenanthrene	17.353	178	29243	0.413	ng/ul	100
16) Anthracene	17.446	178	10121	0.170	ng/ul	96
19) Fluoranthene	19.370	202	74391	1.318	ng/ul	96
20) Pyrene	19.733	202	59812	0.989	ng/ul	99
21) Benzo(a)anthracene	21.480	228	35706	0.795	ng/ul	95
22) Chrysene	21.532	228	33374	0.651	ng/ul	98
24) Benzo(b)fluoranthene	23.169	252	63526	1.188	ng/ul	94
25) Benzo(k)fluoranthene	23.213	252	22634m	0.430	ng/ul	
26) Benzo(a)pyrene	23.795	252	35669	0.741	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.394	276	41574	0.620	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.407	278	9393	0.179	ng/ul#	83
29) Benzo(g,h,i)perylene	27.168	276	37204	0.633	ng/ul	97

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

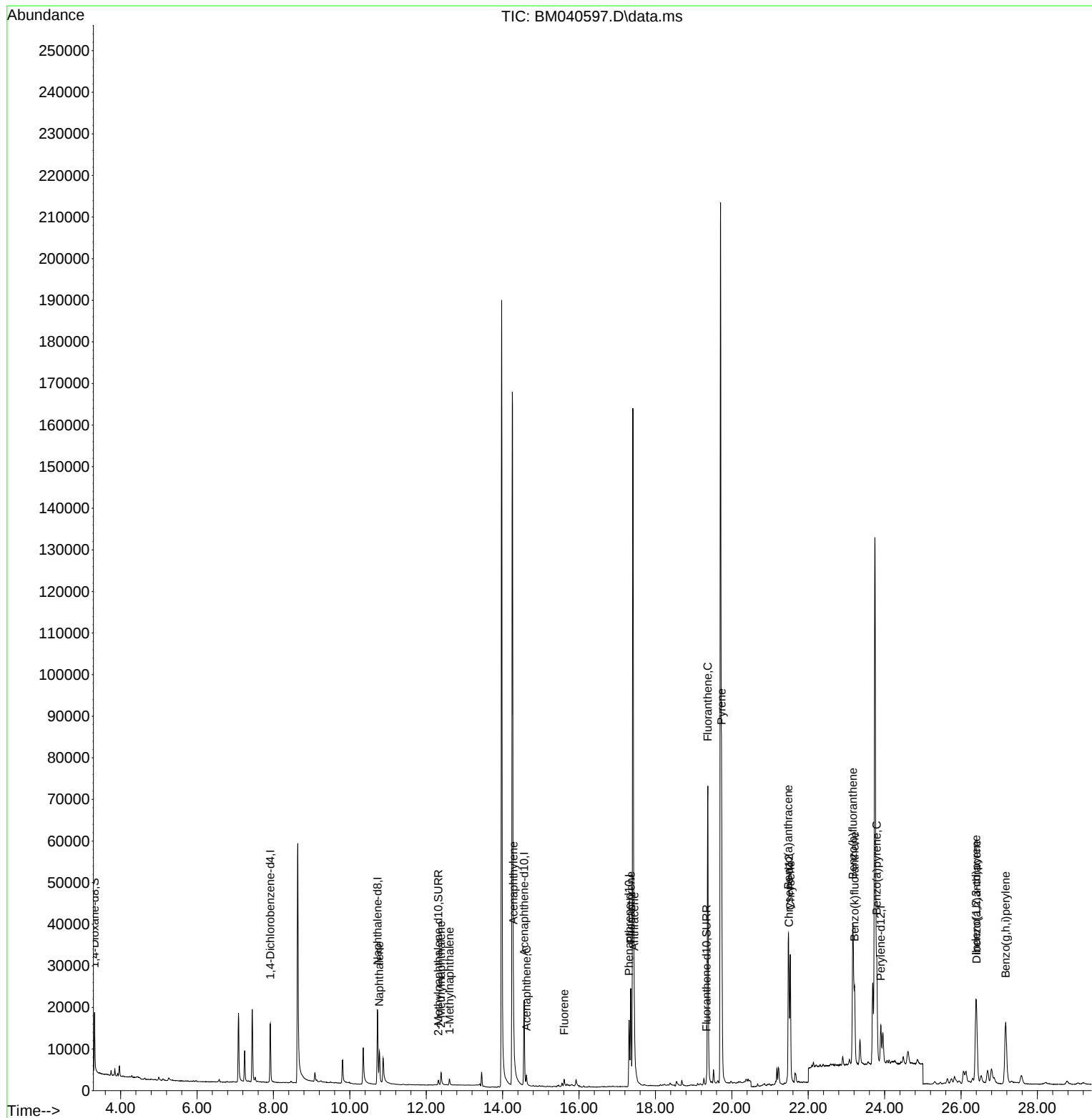
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040597.D
Acq On : 04 Jul 2023 04:47
Operator : MA/JU
Sample : 03242-07DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

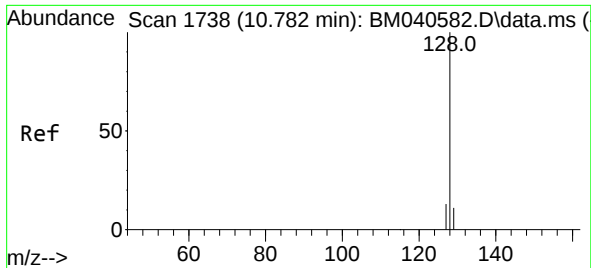
Instrument :
BNA_M
ClientSampleId :
DCGC7DL

Manual Integrations
APPROVED

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

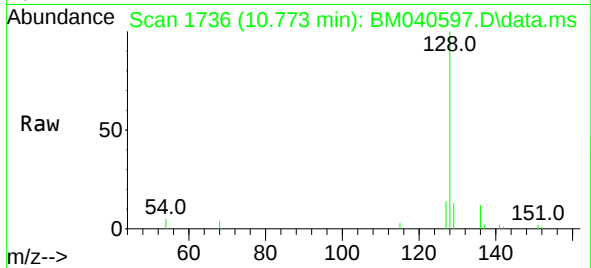
Quant Time: Jul 04 05:51:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.151 ng/ul
RT: 10.773 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

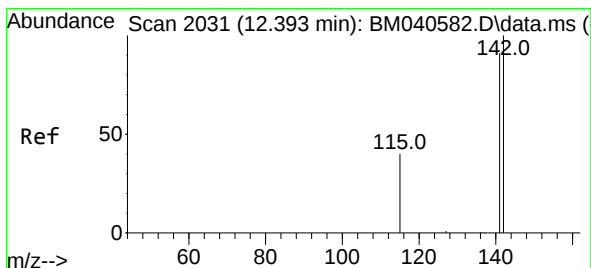
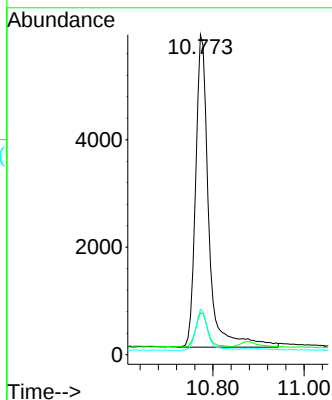
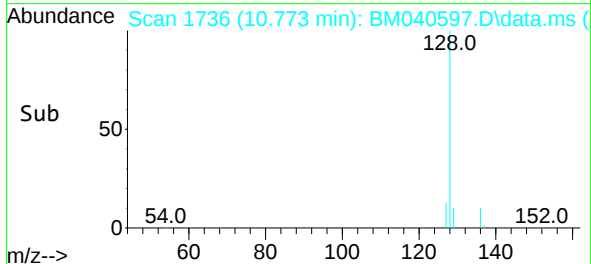
Instrument :
BNA_M
ClientSampleId :
DCGC7DL



Tgt Ion:128 Resp: 11584
Ion Ratio Lower Upper
128 100
129 13.1 9.2 13.8
127 14.1 10.6 15.8

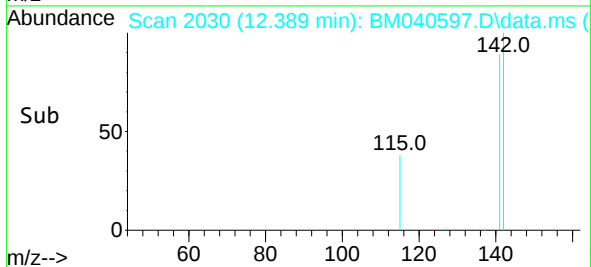
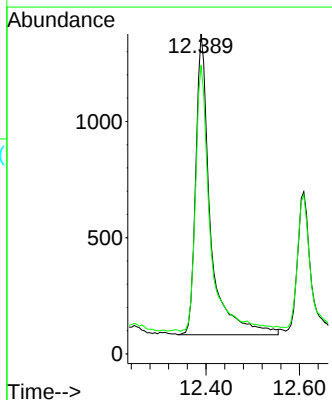
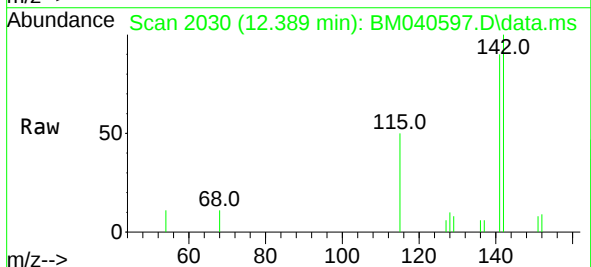
Manual Integrations
APPROVED

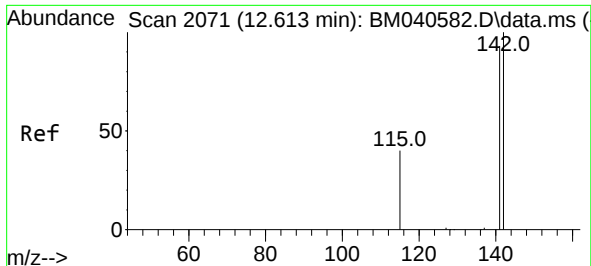
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.389 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

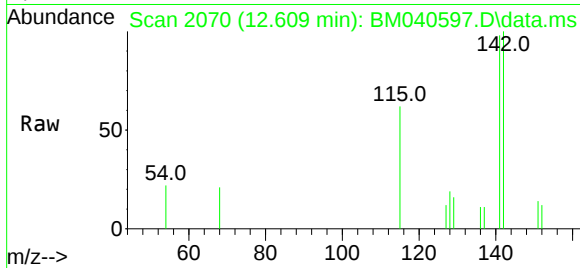
Tgt Ion:142 Resp: 2832
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.609 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

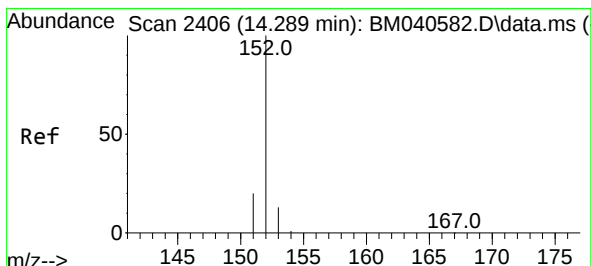
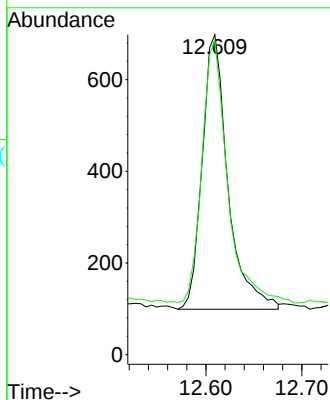
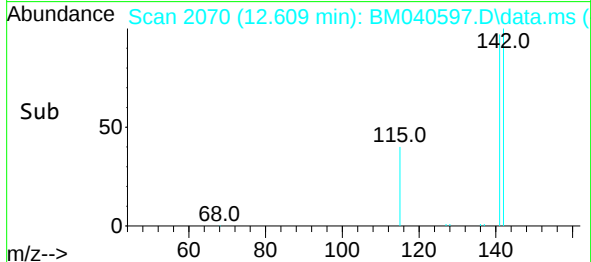
Instrument :
BNA_M
ClientSampleId :
DCGC7DL



Tgt Ion:142 Resp: 111
Ion Ratio Lower Upper
142 100
141 93.4 73.7 110.5

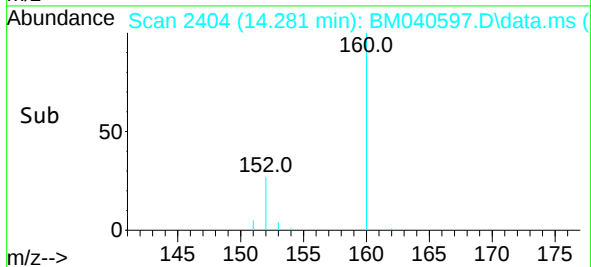
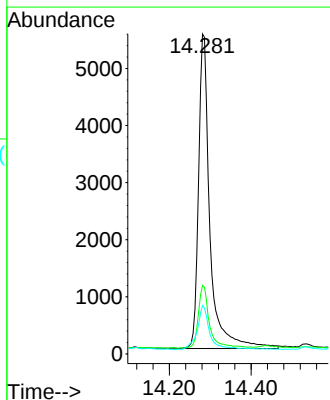
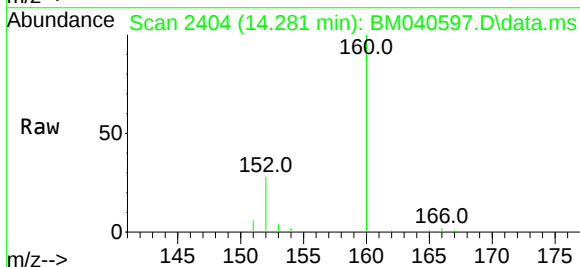
Manual Integrations
APPROVED

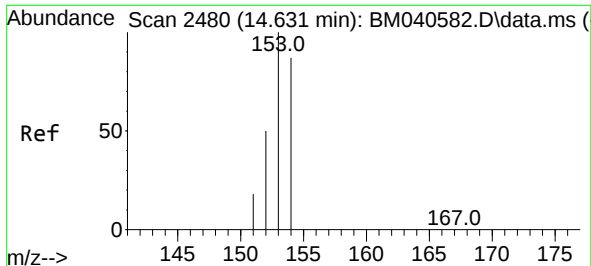
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.192 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

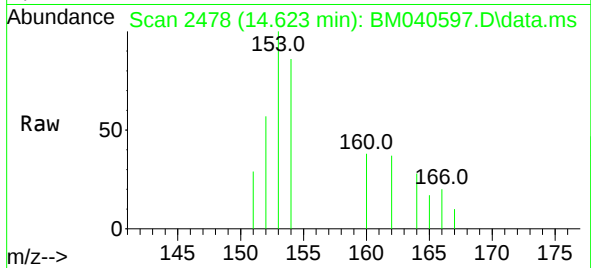
Tgt Ion:152 Resp: 10667
Ion Ratio Lower Upper
152 100
151 21.4 16.2 24.2
153 15.1 10.9 16.3





#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.623 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

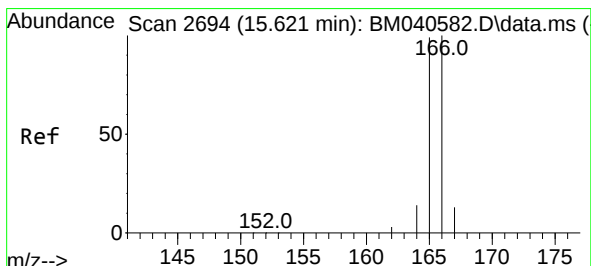
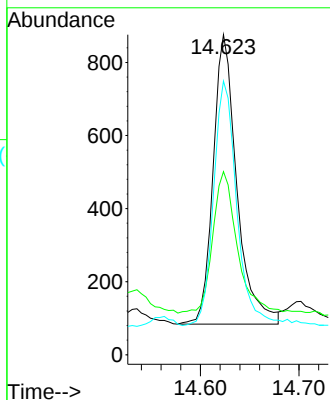
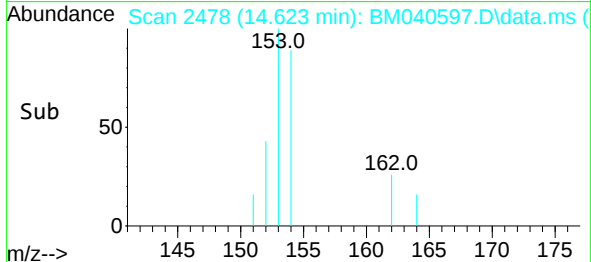
Instrument :
BNA_M
ClientSampleId :
DCGC7DL



Tgt Ion:153 Resp: 133
Ion Ratio Lower Upper
153 100
152 57.2 41.0 61.4
154 85.5 70.8 106.2

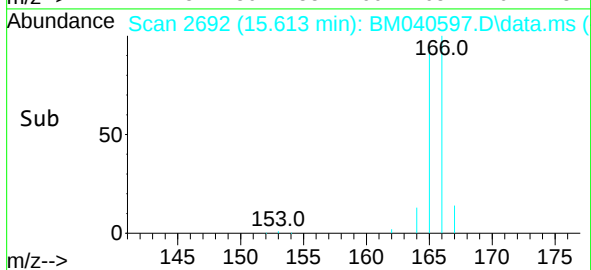
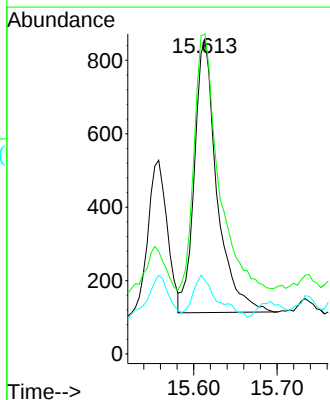
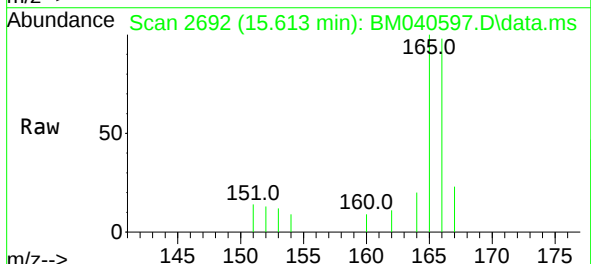
Manual Integrations
APPROVED

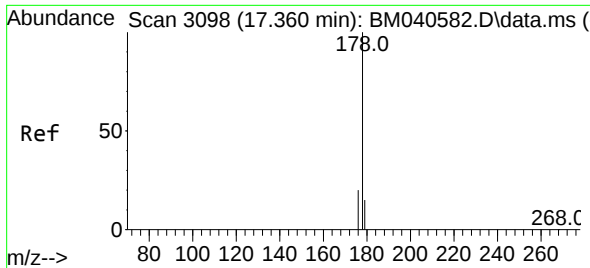
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.613 min Scan# 2692
Delta R.T. -0.005 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

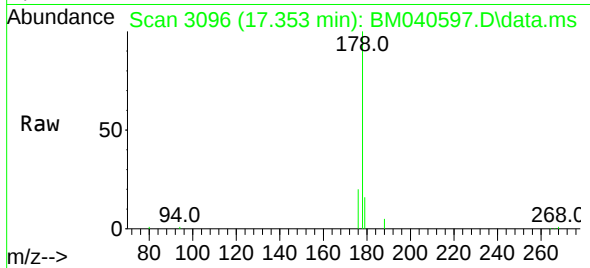
Tgt Ion:166 Resp: 1401
Ion Ratio Lower Upper
166 100
165 101.8 79.6 119.4
167 23.3 11.4 17.0#





#15
Phenanthrene
Concen: 0.413 ng/ul
RT: 17.353 min Scan# 3098
Delta R.T. -0.009 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

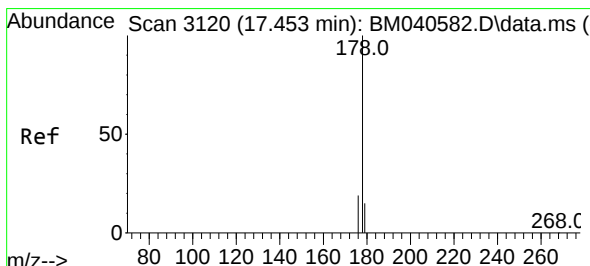
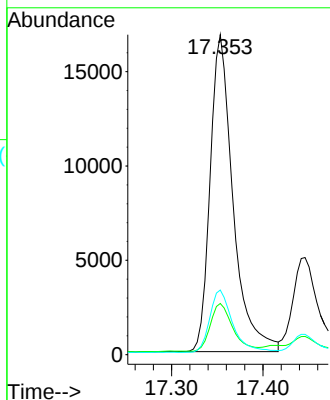
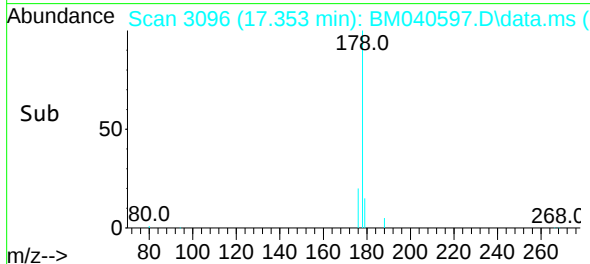
Instrument :
BNA_M
ClientSampleId :
DCGC7DL



Tgt Ion:178 Resp: 2924
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 20.2 16.4 24.6

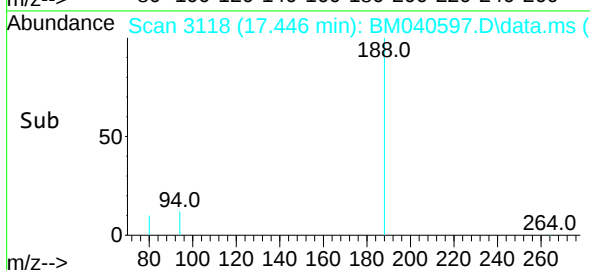
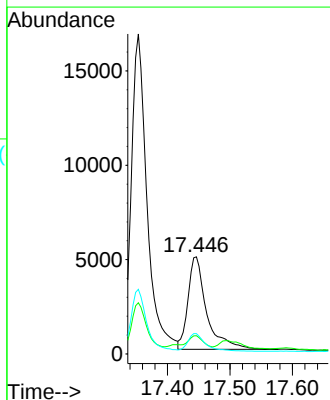
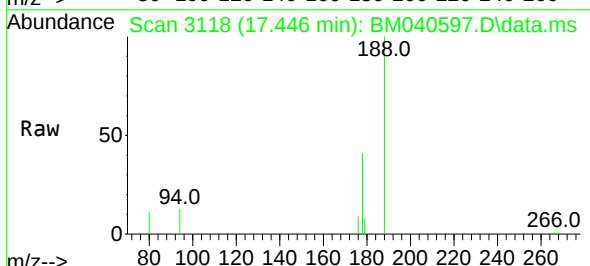
Manual Integrations
APPROVED

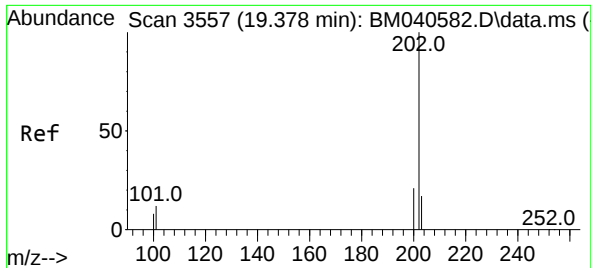
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 0.170 ng/ul
RT: 17.446 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

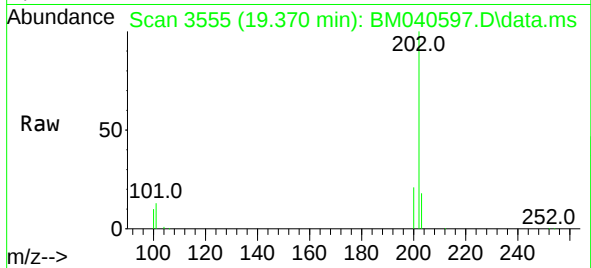
Tgt Ion:178 Resp: 10121
Ion Ratio Lower Upper
178 100
179 18.9 12.9 19.3
176 20.9 15.8 23.6





#19
Fluoranthene
Concen: 1.318 ng/u1
RT: 19.370 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

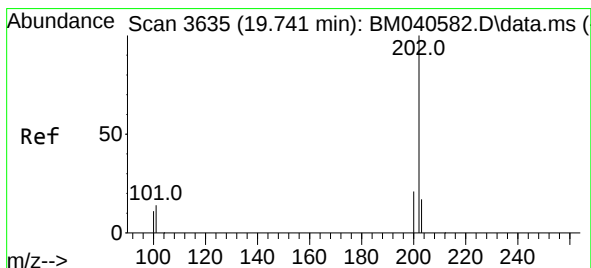
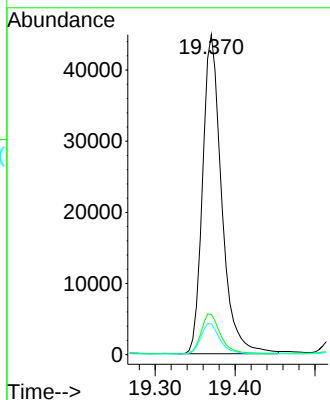
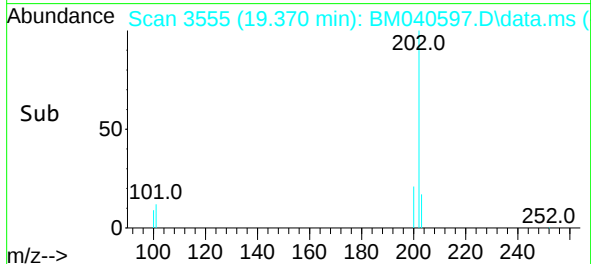
Instrument :
BNA_M
ClientSampleId :
DCGC7DL



Tgt Ion:202 Resp: 7439
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.6 8.7 13.1

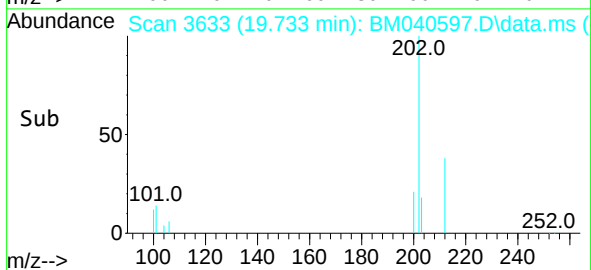
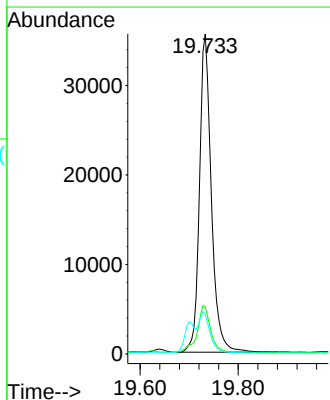
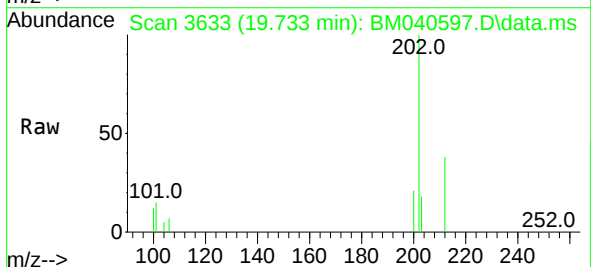
Manual Integrations
APPROVED

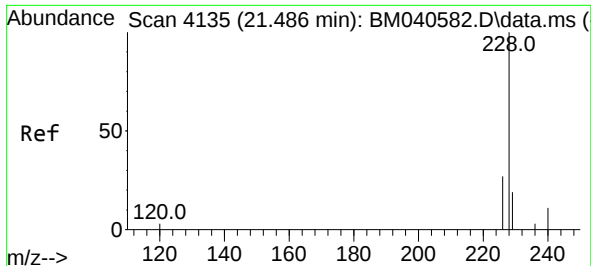
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 0.989 ng/u1
RT: 19.733 min Scan# 3633
Delta R.T. -0.009 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

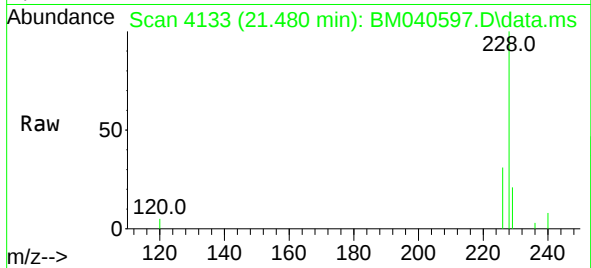
Tgt Ion:202 Resp: 59812
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 12.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.795 ng/ul
RT: 21.480 min Scan# 4135
Delta R.T. -0.009 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

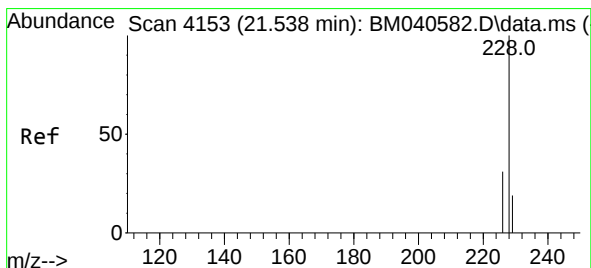
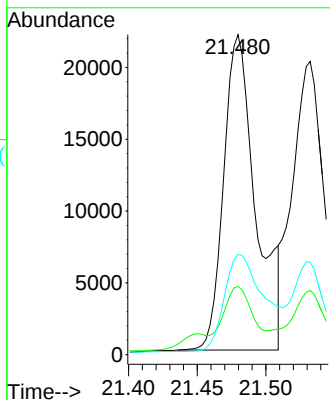
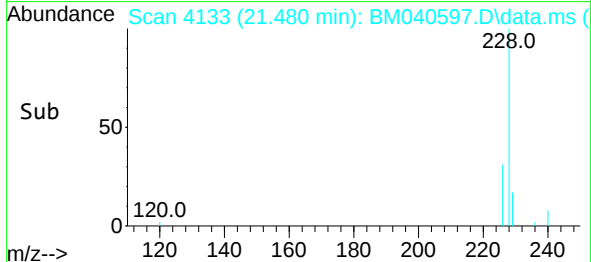
Instrument :
BNA_M
ClientSampleId :
DCGC7DL



Tgt Ion:228 Resp: 35700
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 31.3 22.3 33.5

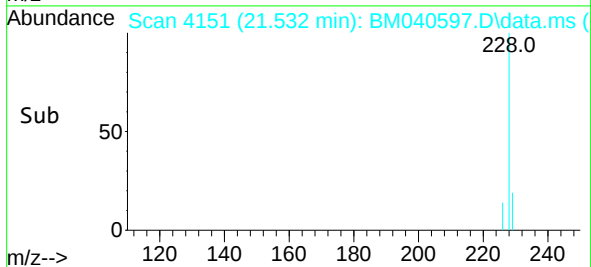
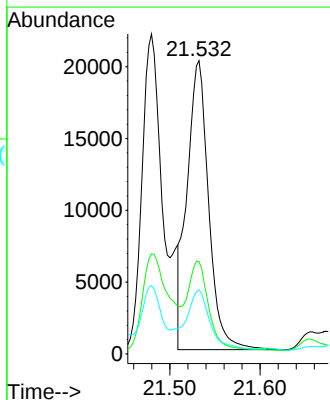
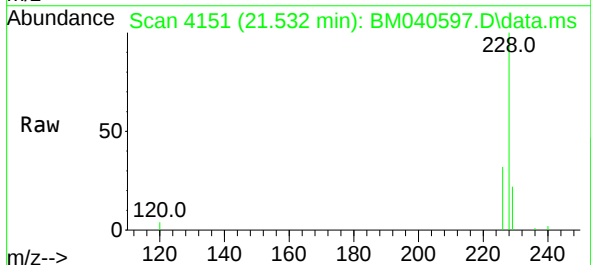
Manual Integrations
APPROVED

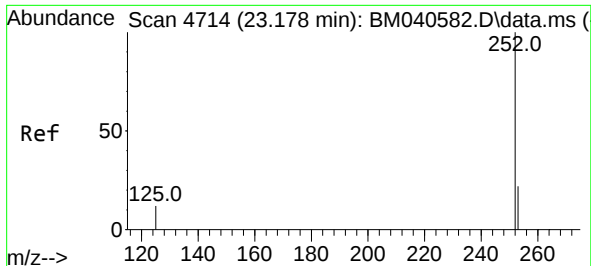
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 0.651 ng/ul
RT: 21.532 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

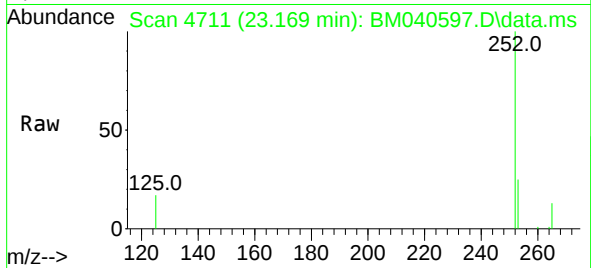
Tgt Ion:228 Resp: 33374
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.188 ng/ul
RT: 23.169 min Scan# 4711
Delta R.T. -0.012 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

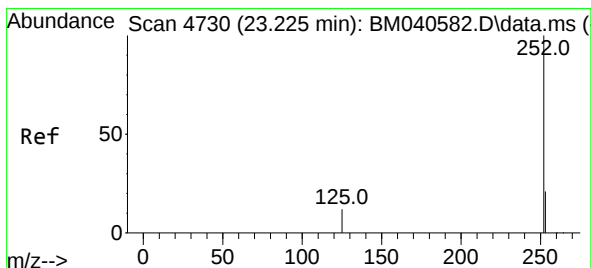
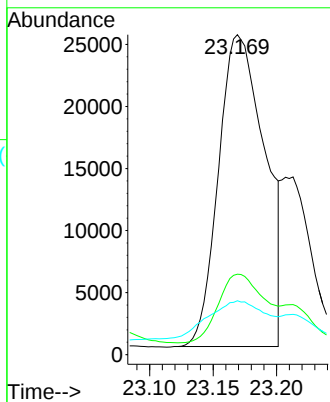
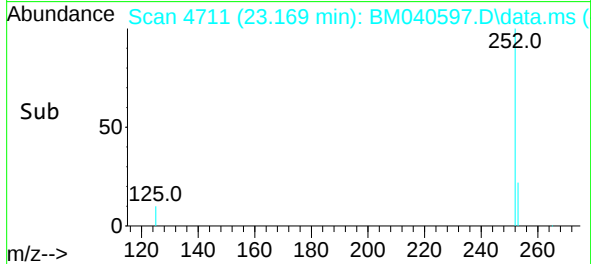
Instrument :
BNA_M
ClientSampleId :
DCGC7DL



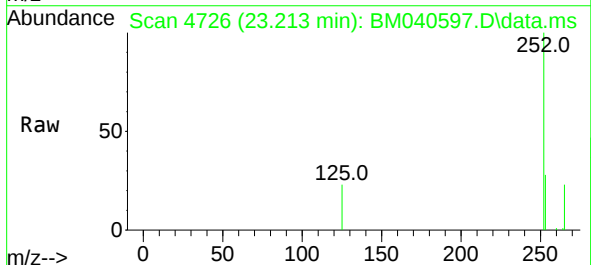
Tgt Ion:252 Resp: 63520
Ion Ratio Lower Upper
252 100
253 25.2 0.0 52.8
125 16.9 0.0 43.0

Manual Integrations
APPROVED

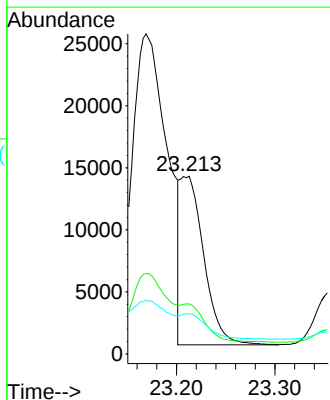
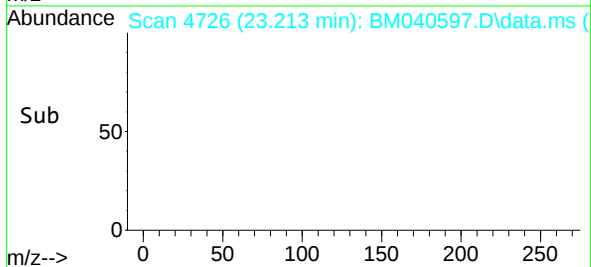
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

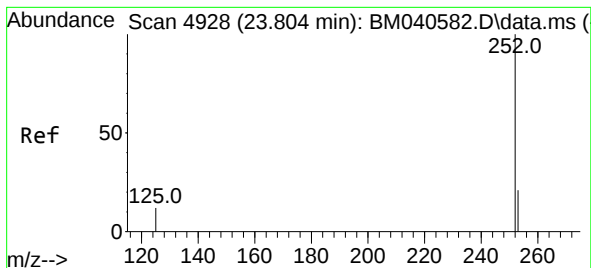


#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul m
RT: 23.213 min Scan# 4726
Delta R.T. -0.012 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47



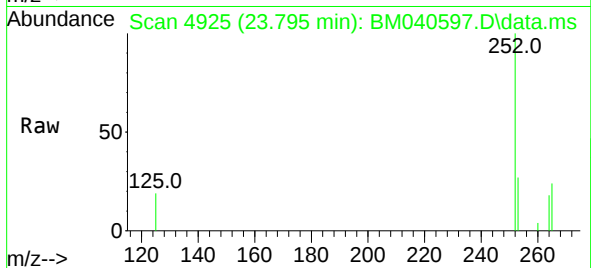
Tgt Ion:252 Resp: 22634
Ion Ratio Lower Upper
252 100
253 28.2 21.2 31.8
125 22.7 16.4 24.6





#26
Benzo(a)pyrene
Concen: 0.741 ng/ul
RT: 23.795 min Scan# 4925
Delta R.T. -0.009 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

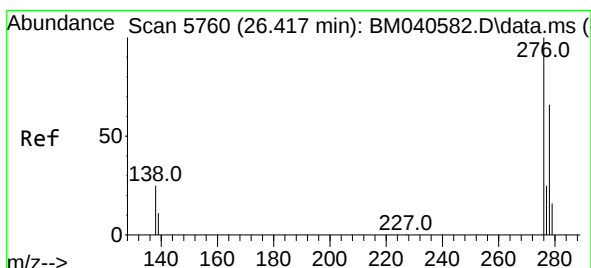
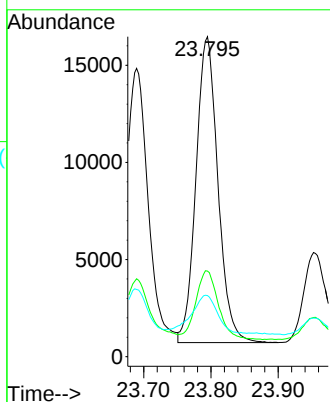
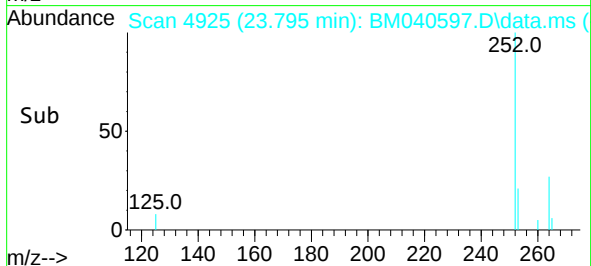
Instrument :
BNA_M
ClientSampleId :
DCGC7DL



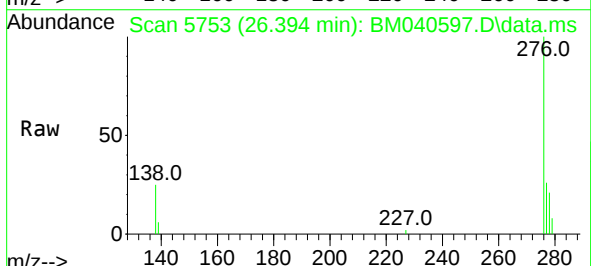
Tgt Ion:252 Resp: 35669
Ion Ratio Lower Upper
252 100
253 26.8 22.9 34.3
125 19.1 21.0 31.4

Manual Integrations
APPROVED

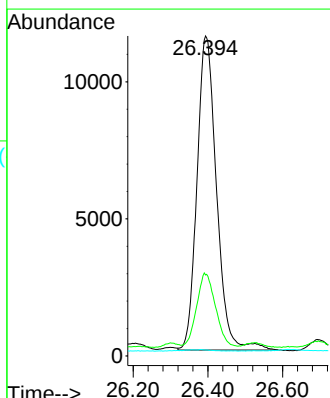
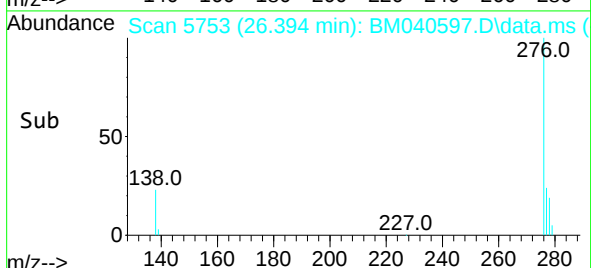
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

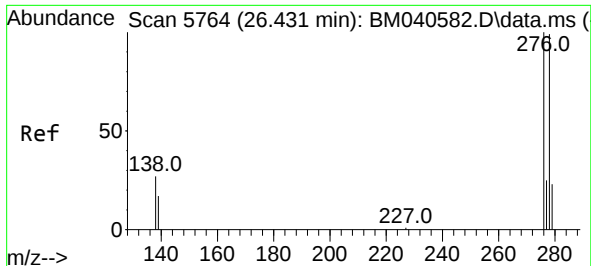


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.620 ng/ul
RT: 26.394 min Scan# 5753
Delta R.T. -0.024 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47



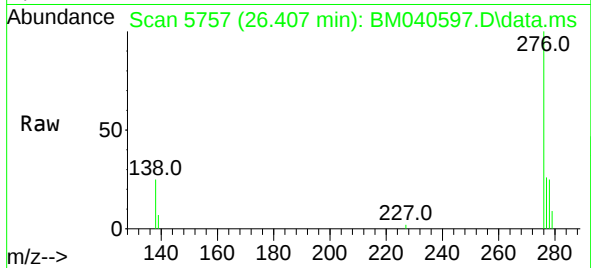
Tgt Ion:276 Resp: 41574
Ion Ratio Lower Upper
276 100
138 22.9 24.5 36.7#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.179 ng/ul
RT: 26.407 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47

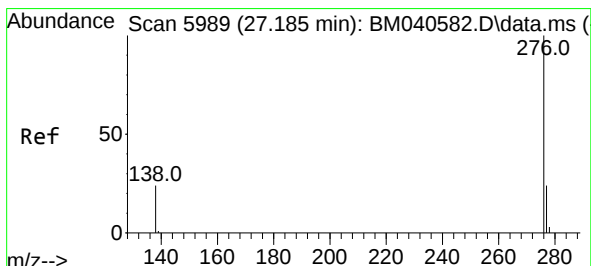
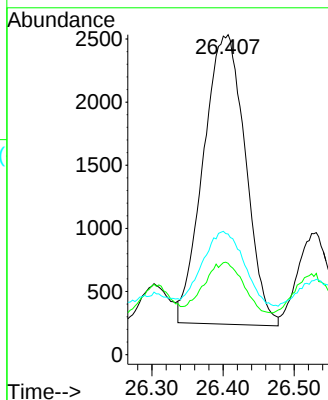
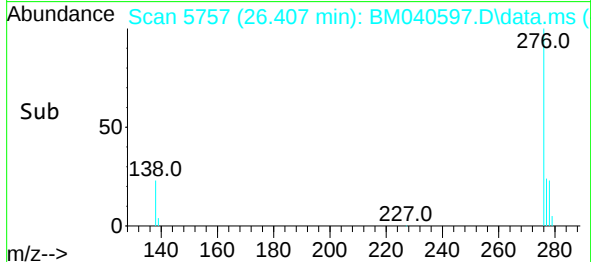
Instrument :
BNA_M
ClientSampleId :
DCGC7DL



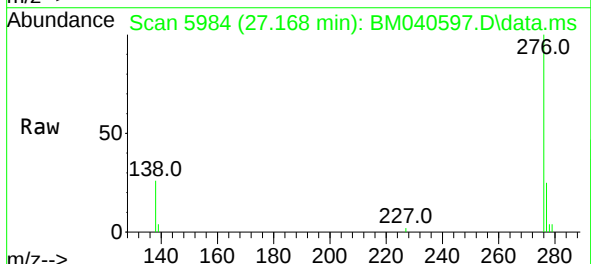
Tgt Ion:278 Resp: 939
Ion Ratio Lower Upper
278 100
139 28.5 17.9 26.9
279 37.7 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.633 ng/ul
RT: 27.168 min Scan# 5984
Delta R.T. -0.013 min
Lab File: BM040597.D
Acq: 04 Jul 2023 04:47



Tgt Ion:276 Resp: 37204
Ion Ratio Lower Upper
276 100
138 26.2 23.0 34.6
277 25.1 20.3 30.5

