

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040506.D
 Acq On : 01 Jul 2023 16:46
 Operator : MA/JU
 Sample : 03161-17DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 23:48:05 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	7.932	152	7047	0.400	ng/ul	0.00
4) Naphthalene-d8	10.744	136	26474	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.576	164	13223	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	25964	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	16214	0.400	ng/ul	0.00
23) Perylene-d12	23.913	264	15672	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	2970	0.268	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.333	152	715	0.019	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	1214	0.023	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.793	128	6611	0.091	ng/ul#	94
7) 2-Methylnaphthalene	12.404	142	4077	0.095	ng/ul	99
8) 1-Methylnaphthalene	12.624	142	2547	0.059	ng/ul	99
10) Acenaphthylene	14.298	152	20777	0.352	ng/ul	99
11) Acenaphthene	14.636	153	4033	0.081	ng/ul	97
12) Fluorene	15.626	166	3920	0.074	ng/ul#	96
15) Phenanthrene	17.365	178	87006	1.079	ng/ul	99
16) Anthracene	17.457	178	21987	0.324	ng/ul	98
19) Fluoranthene	19.378	202	221749	3.220	ng/ul	97
20) Pyrene	19.741	202	175514	2.377	ng/ul	99
21) Benzo(a)anthracene	21.487	228	95165	1.735	ng/ul	98
22) Chrysene	21.540	228	94781	1.515	ng/ul	98
24) Benzo(b)fluoranthene	23.179	252	141320	2.330	ng/ul	91
25) Benzo(k)fluoranthene	23.220	252	44148m	0.739	ng/ul	
26) Benzo(a)pyrene	23.805	252	80215	1.468	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.416	276	63517	0.835	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.426	278	16007	0.269	ng/ul#	91
29) Benzo(g,h,i)perylene	27.187	276	54225	0.813	ng/ul	96

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

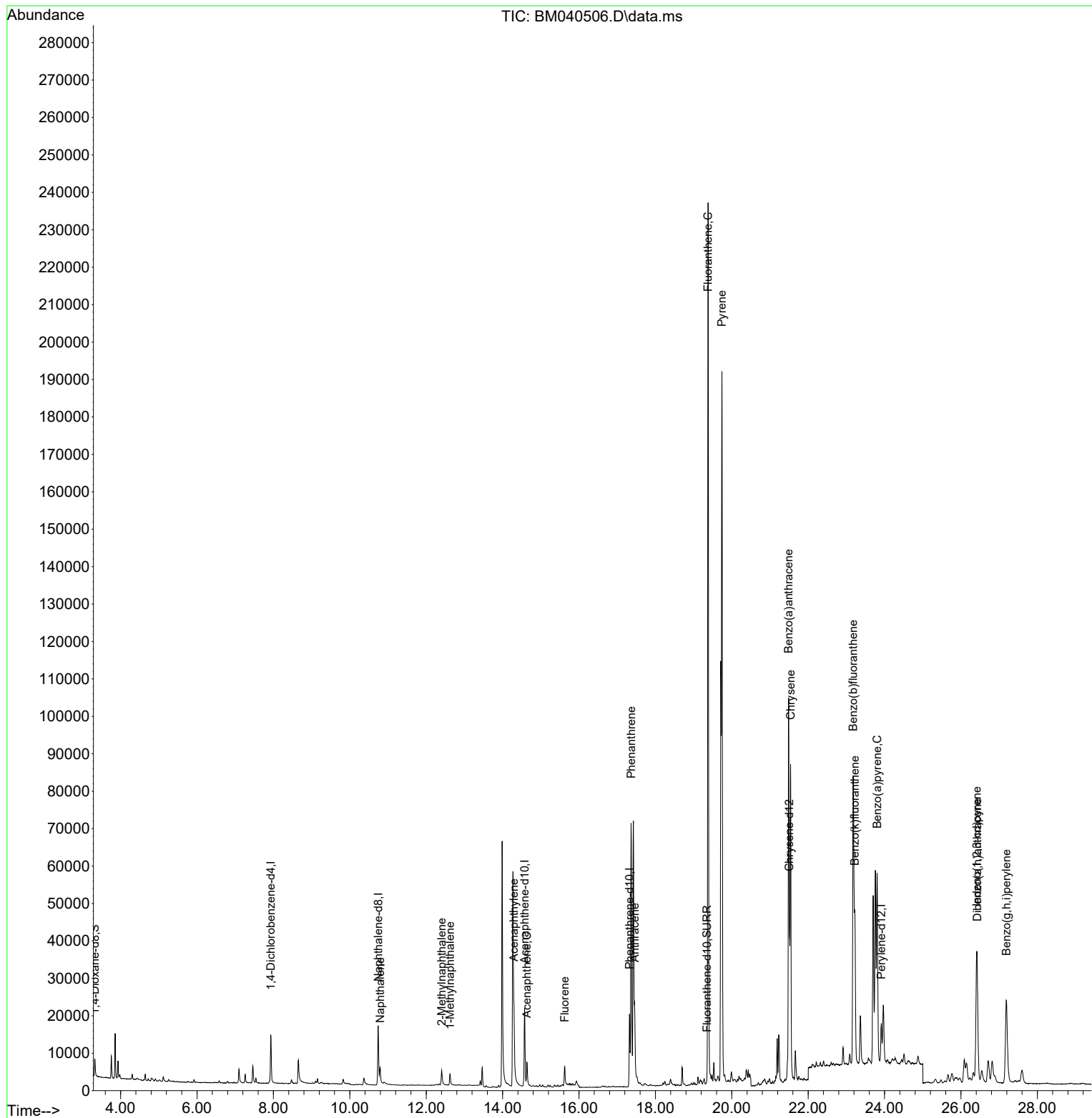
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040506.D
Acq On : 01 Jul 2023 16:46
Operator : MA/JU
Sample : 03161-17DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

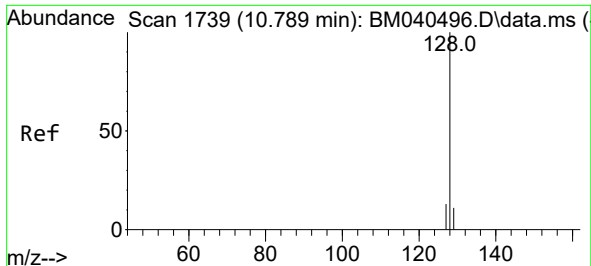
Instrument :
BNA_M
ClientSampleId :
DCFX3DL

Quant Time: Jul 01 23:48:05 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

Manual Integrations
APPROVED

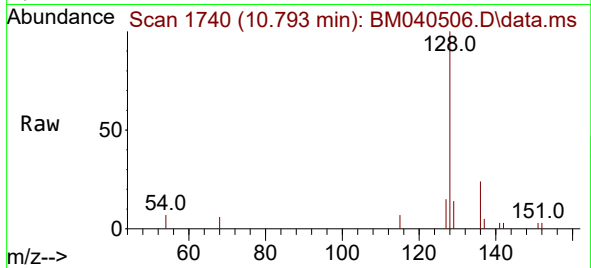
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.091 ng/ul
RT: 10.793 min Scan# 1739
Delta R.T. -0.001 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46

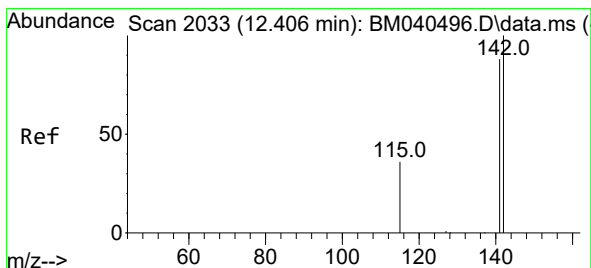
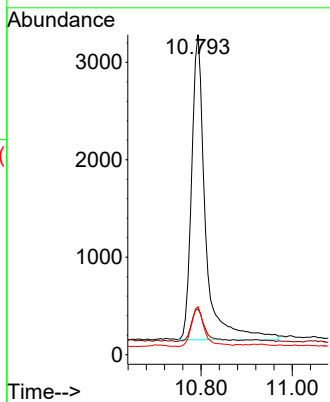
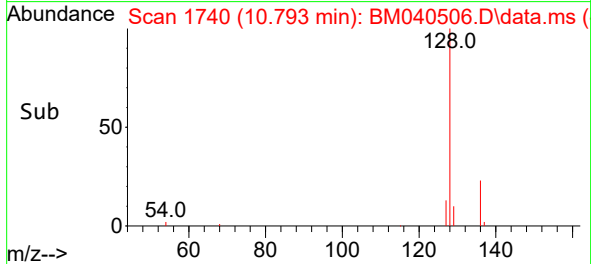
Instrument :
BNA_M
ClientSampleId :
DCFX3DL



Tgt Ion:128 Resp: 661
Ion Ratio Lower Upper
128 100
129 14.3 9.2 13.8
127 15.0 10.6 15.8

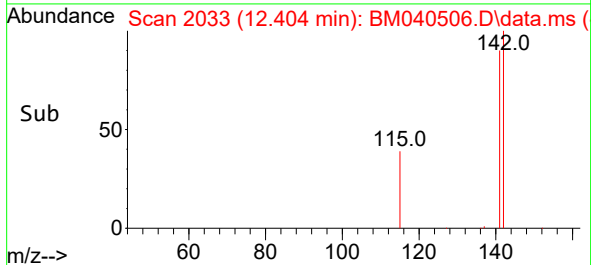
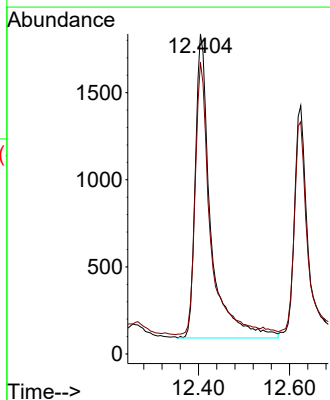
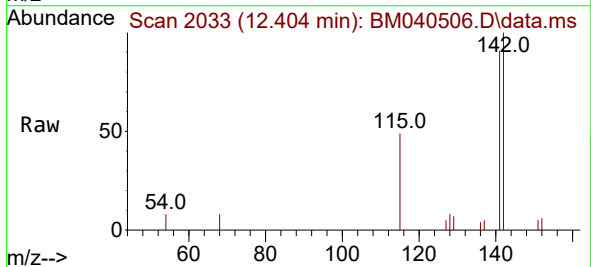
Manual Integrations
APPROVED

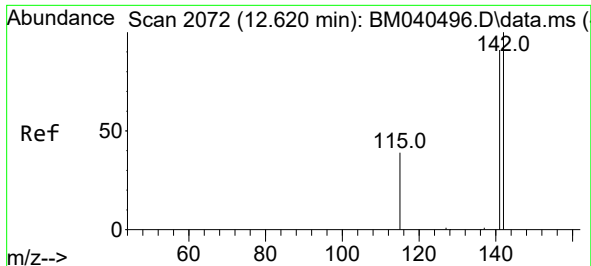
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.404 min Scan# 2033
Delta R.T. -0.001 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46

Tgt Ion:142 Resp: 4077
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9





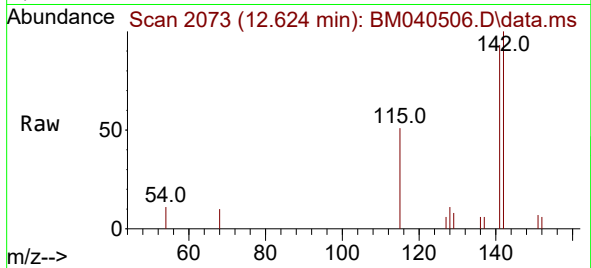
#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.624 min Scan# 2072
Delta R.T. -0.001 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46

Instrument :

BNA_M

ClientSampleId :

DCFX3DL

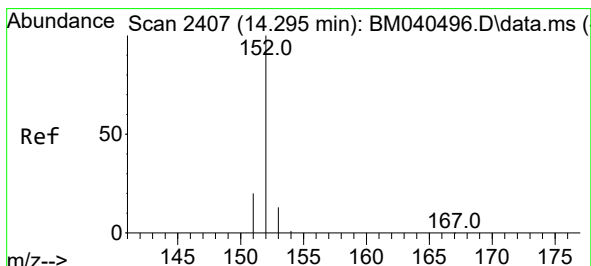
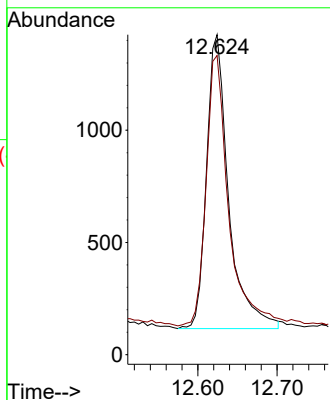
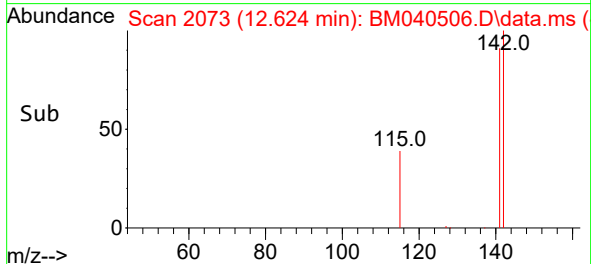


Tgt Ion:142 Resp: 254
Ion Ratio Lower Upper
142 100
141 93.0 73.7 110.5

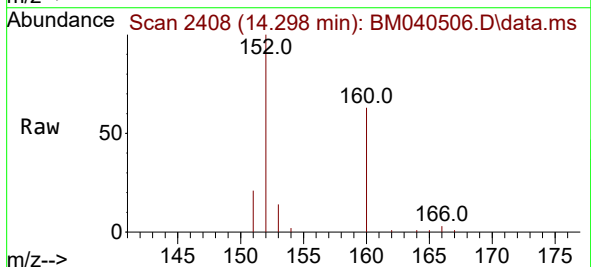
Manual Integrations

APPROVED

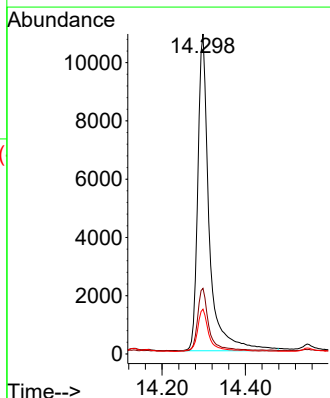
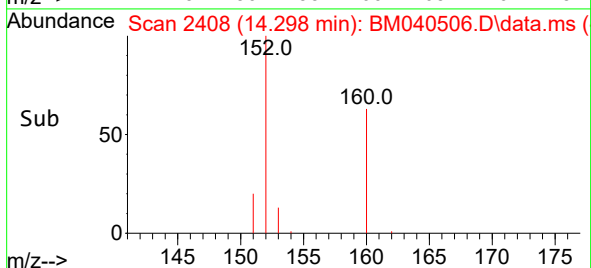
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

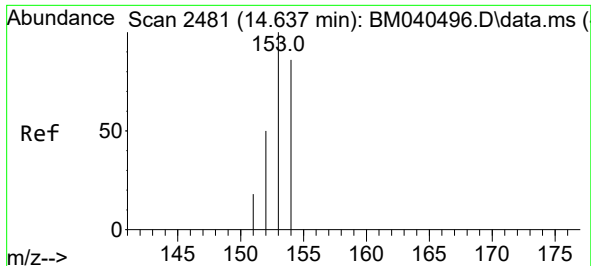


#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 14.298 min Scan# 2408
Delta R.T. -0.001 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46



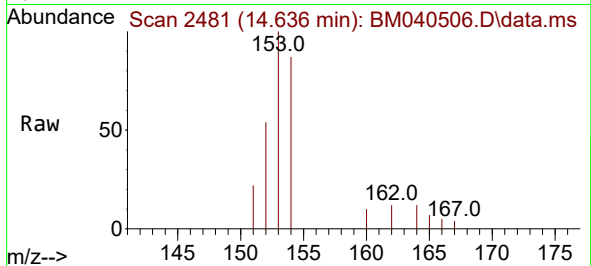
Tgt Ion:152 Resp: 20777
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 0.081 ng/ul
RT: 14.636 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46

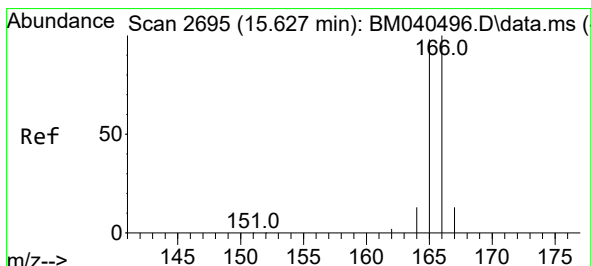
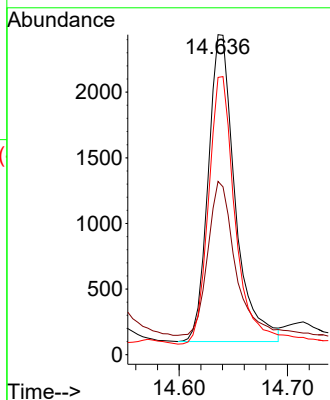
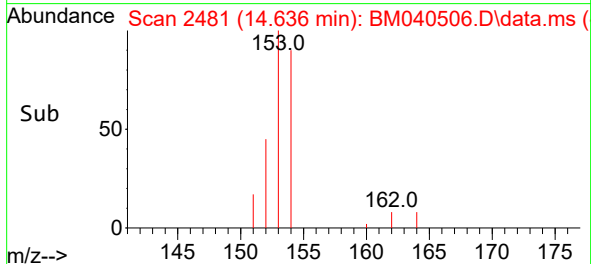
Instrument :
BNA_M
ClientSampleId :
DCFX3DL



Tgt Ion:153 Resp: 403
Ion Ratio Lower Upper
153 100
152 54.1 41.0 61.4
154 86.6 70.8 106.2

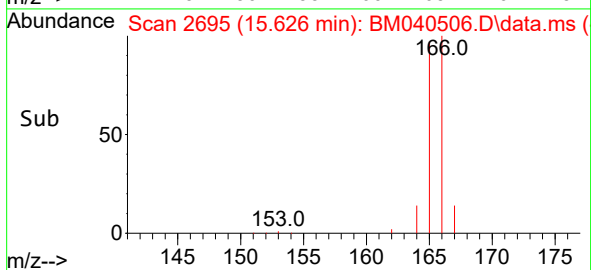
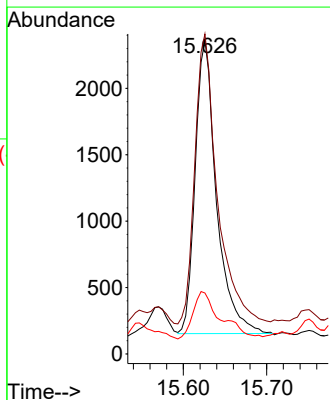
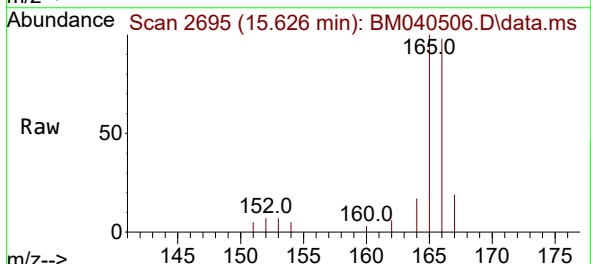
Manual Integrations
APPROVED

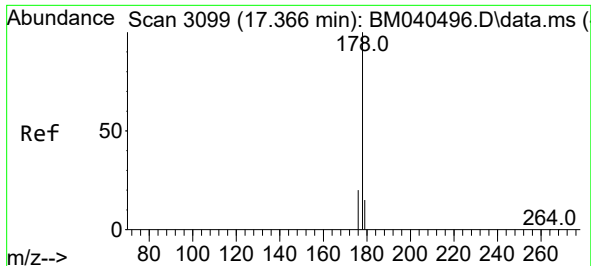
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.074 ng/ul
RT: 15.626 min Scan# 2695
Delta R.T. -0.006 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46

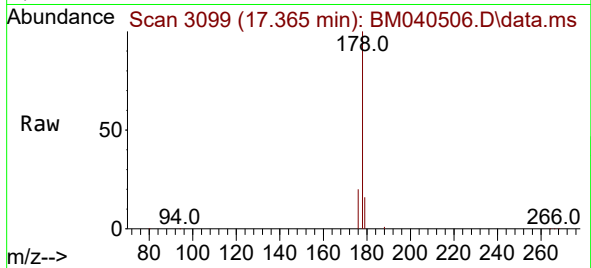
Tgt Ion:166 Resp: 3920
Ion Ratio Lower Upper
166 100
165 102.1 79.6 119.4
167 19.4 11.4 17.0#





#15
Phenanthrene
Concen: 1.079 ng/ul
RT: 17.365 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46

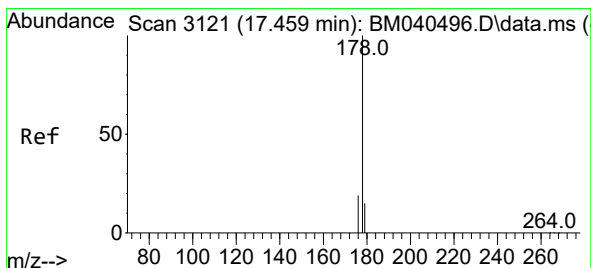
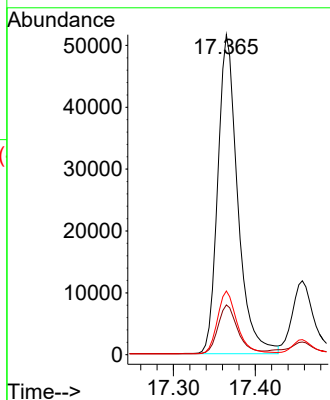
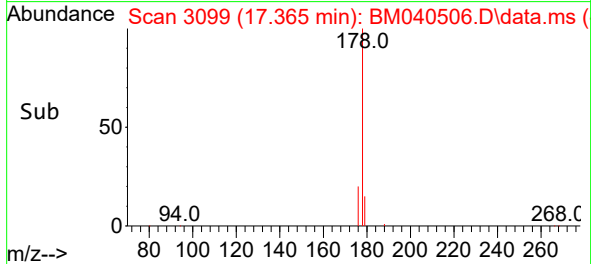
Instrument :
BNA_M
ClientSampleId :
DCFX3DL



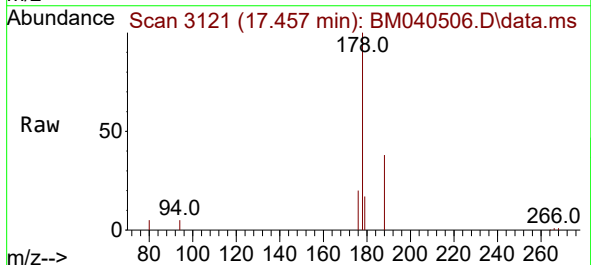
Tgt Ion:178 Resp: 87000
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.9 16.4 24.6

Manual Integrations
APPROVED

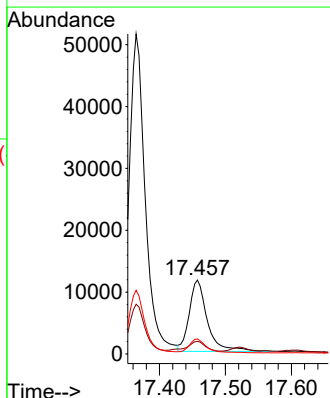
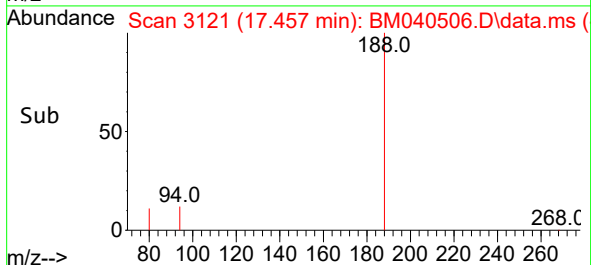
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

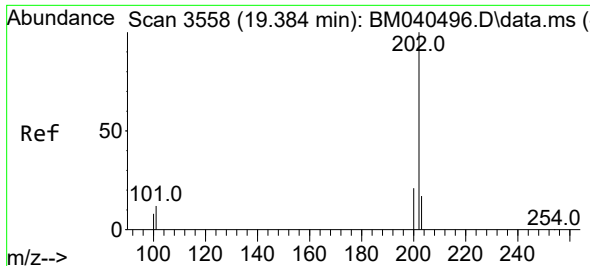


#16
Anthracene
Concen: 0.324 ng/ul
RT: 17.457 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46



Tgt Ion:178 Resp: 21987
Ion Ratio Lower Upper
178 100
179 17.1 12.9 19.3
176 20.3 15.8 23.6





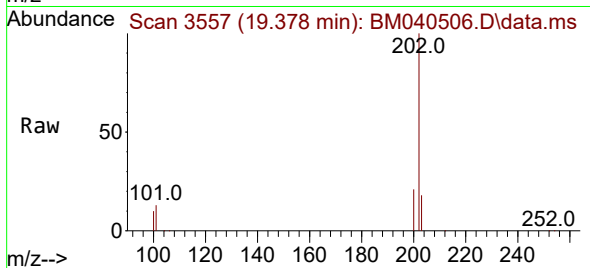
#19
Fluoranthene
Concen: 3.220 ng/ul
RT: 19.378 min Scan# 3557
Delta R.T. -0.006 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46

Instrument :

BNA_M

ClientSampleId :

DCFX3DL

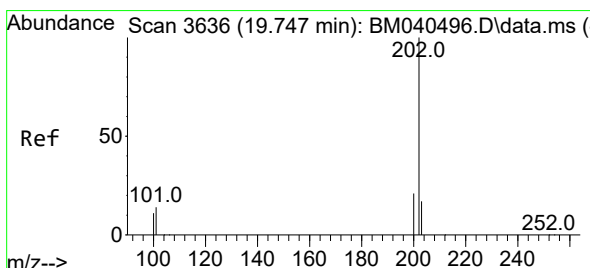
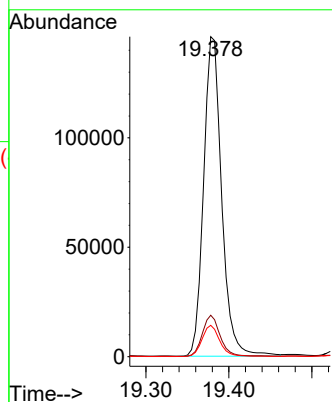
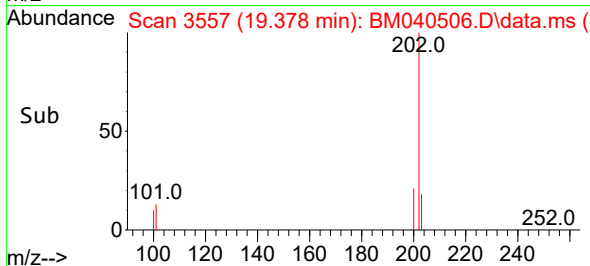


Tgt Ion:202 Resp: 221749
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 9.8 8.7 13.1

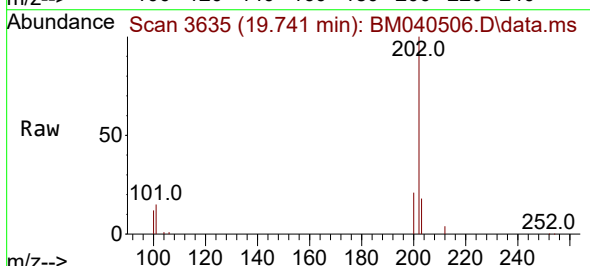
Manual Integrations

APPROVED

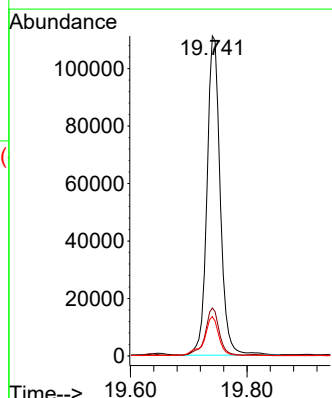
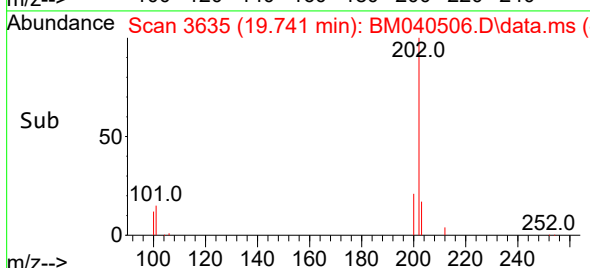
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

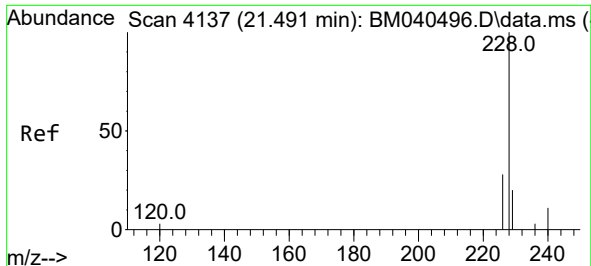


#20
Pyrene
Concen: 2.377 ng/ul
RT: 19.741 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46



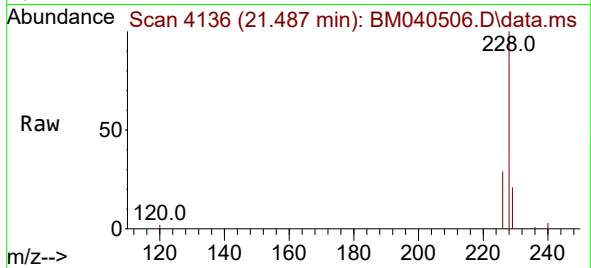
Tgt Ion:202 Resp: 175514
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.735 ng/ul
RT: 21.487 min Scan# 4136
Delta R.T. -0.004 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46

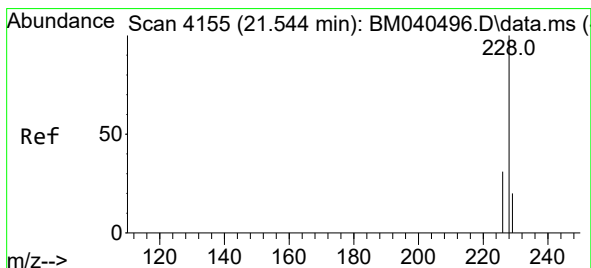
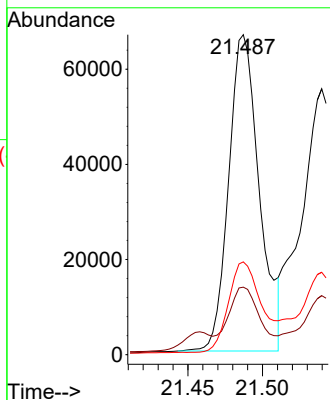
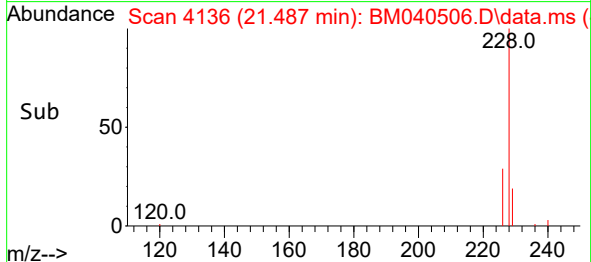
Instrument :
BNA_M
ClientSampleId :
DCFX3DL



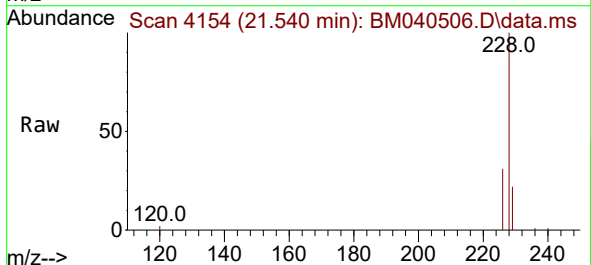
Tgt Ion:228 Resp: 9516
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 29.0 22.3 33.5

Manual Integrations
APPROVED

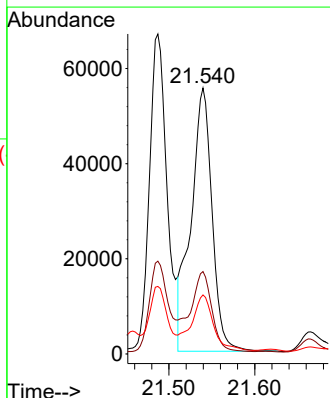
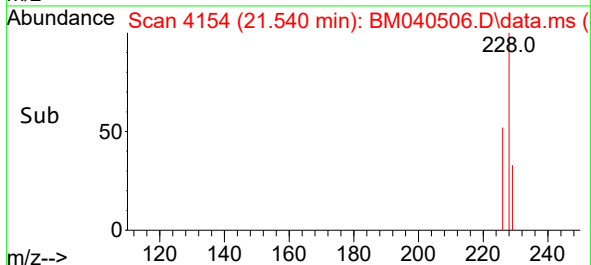
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

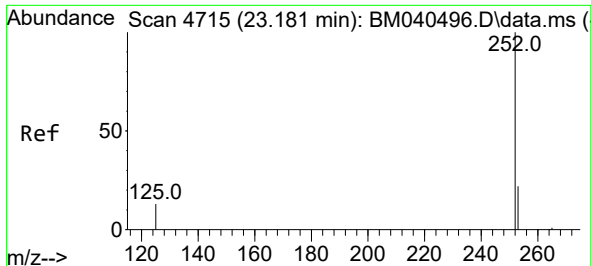


#22
Chrysene
Concen: 1.515 ng/ul
RT: 21.540 min Scan# 4154
Delta R.T. -0.004 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46



Tgt Ion:228 Resp: 94781
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 22.2 15.8 23.6





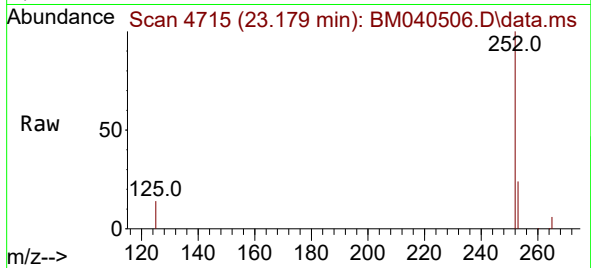
#24
Benzo(b)fluoranthene
Concen: 2.330 ng/ul
RT: 23.179 min Scan# 4715
Delta R.T. -0.001 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46

Instrument :

BNA_M

ClientSampleId :

DCFX3DL

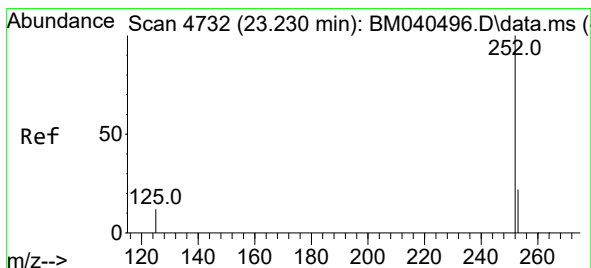
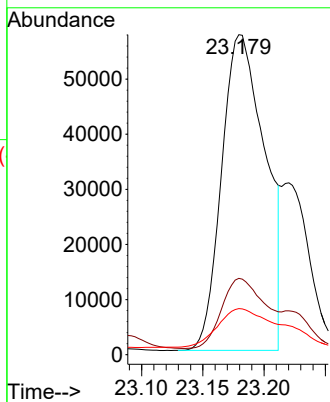
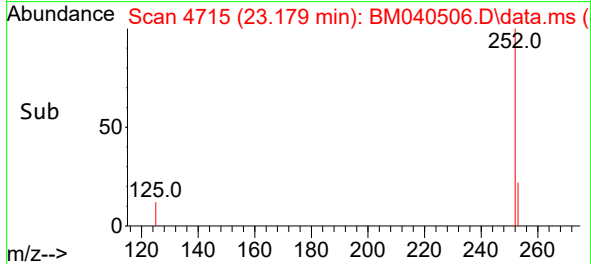


Tgt Ion:252 Resp: 141320
Ion Ratio Lower Upper
252 100
253 23.9 0.0 52.8
125 14.4 0.0 43.0

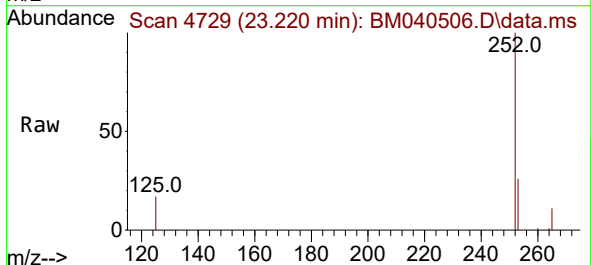
Manual Integrations

APPROVED

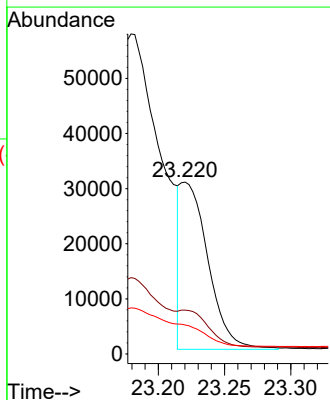
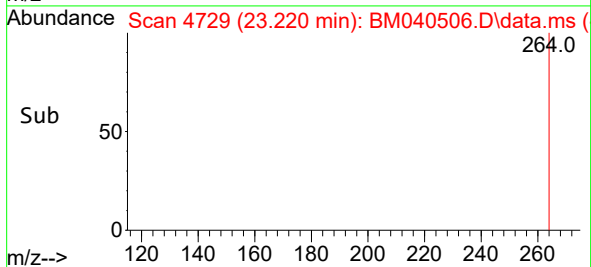
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

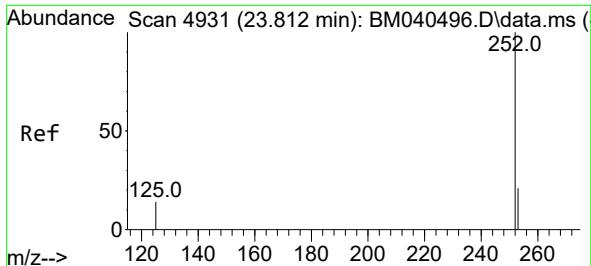


#25
Benzo(k)fluoranthene
Concen: 0.739 ng/ul m
RT: 23.220 min Scan# 4729
Delta R.T. -0.007 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46



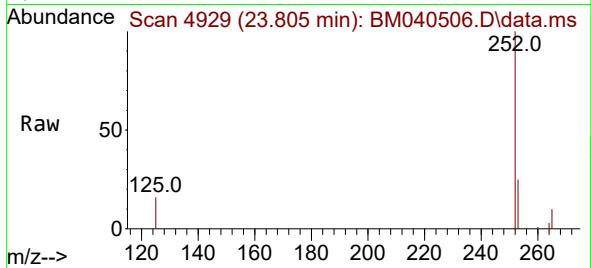
Tgt Ion:252 Resp: 44148
Ion Ratio Lower Upper
252 100
253 25.5 21.2 31.8
125 16.9 16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.468 ng/ul
RT: 23.805 min Scan# 4931
Delta R.T. -0.007 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46

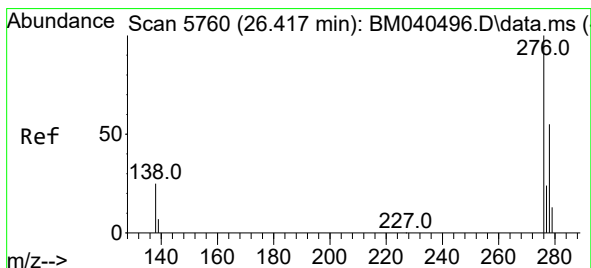
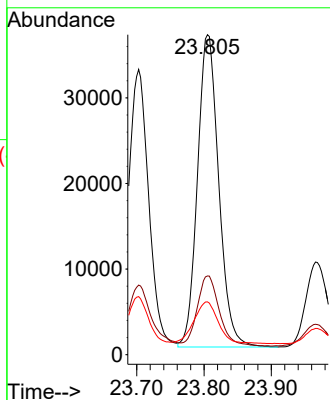
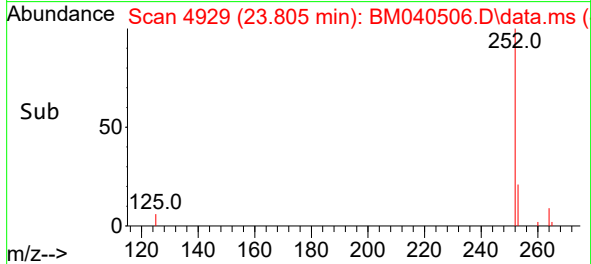
Instrument :
BNA_M
ClientSampleId :
DCFX3DL



Tgt Ion:252 Resp: 80215
Ion Ratio Lower Upper
252 100
253 24.6 22.9 34.3
125 16.5 21.0 31.4

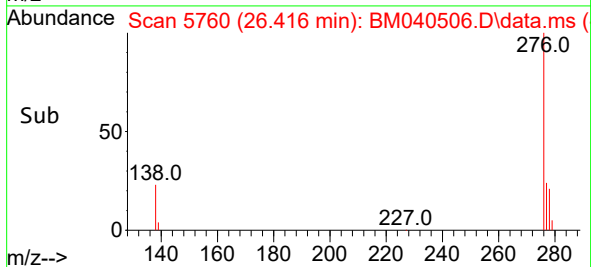
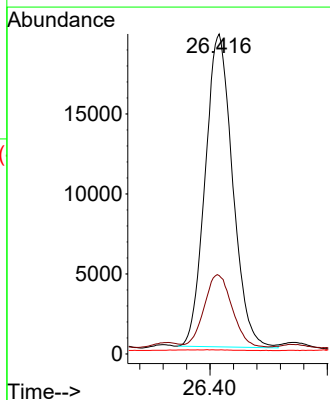
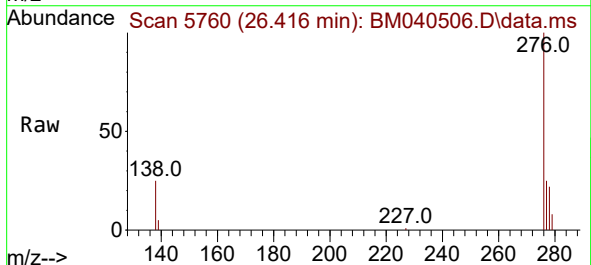
Manual Integrations
APPROVED

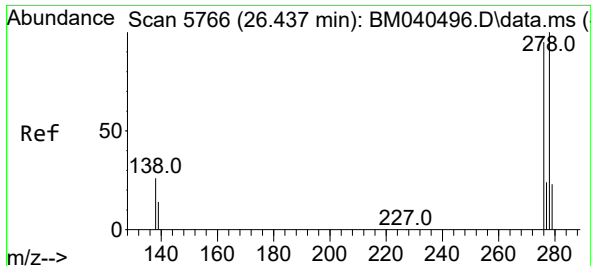
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.835 ng/ul
RT: 26.416 min Scan# 5760
Delta R.T. -0.005 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46

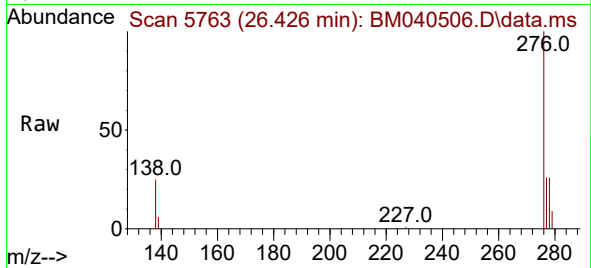
Tgt Ion:276 Resp: 63517
Ion Ratio Lower Upper
276 100
138 24.0 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.269 ng/ul
RT: 26.426 min Scan# 51
Delta R.T. -0.011 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46

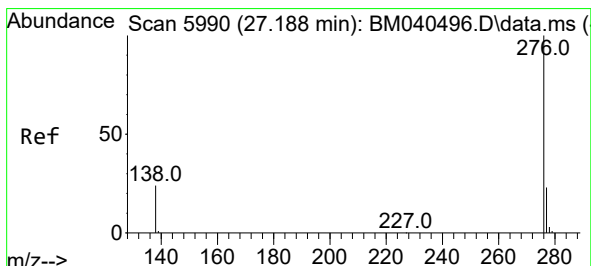
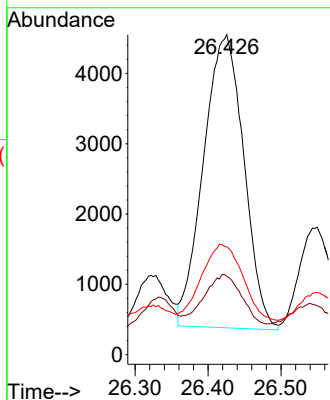
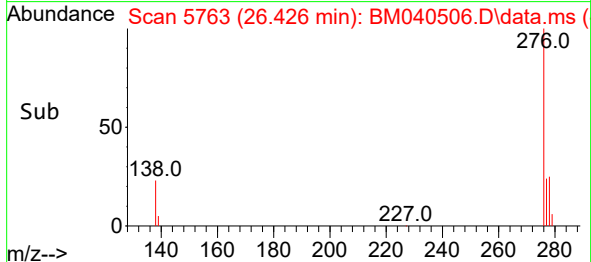
Instrument :
BNA_M
ClientSampleId :
DCFX3DL



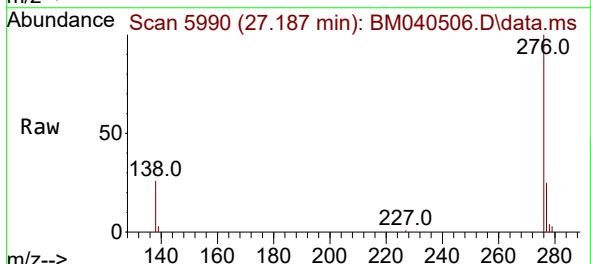
Tgt Ion:278 Resp: 1600
Ion Ratio Lower Upper
278 100
139 24.5 17.9 26.9
279 33.7 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.813 ng/ul
RT: 27.187 min Scan# 5990
Delta R.T. 0.002 min
Lab File: BM040506.D
Acq: 01 Jul 2023 16:46



Tgt Ion:276 Resp: 54225
Ion Ratio Lower Upper
276 100
138 25.6 23.0 34.6
277 24.8 20.3 30.5

