

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039337.D
 Acq On : 07 Apr 2023 04:00
 Operator : CG/JU
 Sample : PB151753BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS753

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/07/2023
 Supervised By :Jagrut Upadhyay 04/07/2023

Quant Time: Apr 07 04:38:02 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 23:58:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	4591	0.400	ng/ul	0.00
4) Naphthalene-d8	10.697	136	20958	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.532	164	12881	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	22930	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	19775	0.400	ng/ul	# 0.00
23) Perylene-d12	23.860	264	19537	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	5606	0.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	9428	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	21881	0.355	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.297	88	14369	1.579	ng/ul#	77
5) Naphthalene	10.741	128	18098	0.363	ng/ul	99
7) 2-Methylnaphthalene	12.363	142	10472	0.374	ng/ul	99
8) 1-Methylnaphthalene	12.577	142	11868	0.374	ng/ul	100
10) Acenaphthylene	14.254	152	17921	0.359	ng/ul	99
11) Acenaphthene	14.597	153	14208	0.361	ng/ul	99
12) Fluorene	15.587	166	15005	0.383	ng/ul	100
14) Pentachlorophenol	16.945	266	3693	0.675	ng/ul#	83
15) Phenanthrene	17.325	178	22019	0.346	ng/ul	100
16) Anthracene	17.422	178	17461	0.361	ng/ul	98
19) Fluoranthene	19.343	202	28017	0.342	ng/ul	100
20) Pyrene	19.706	202	31779	0.339	ng/ul	99
21) Benzo(a)anthracene	21.454	228	19522	0.428	ng/ul	100
22) Chrysene	21.507	228	22933	0.410	ng/ul	99
24) Benzo(b)fluoranthene	23.129	252	23823m	0.384	ng/ul	
25) Benzo(k)fluoranthene	23.179	252	23711	0.401	ng/ul	96
26) Benzo(a)pyrene	23.755	252	22640	0.362	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.341	276	25406	0.323	ng/ul	97
28) Dibenzo(a,h)anthracene	26.361	278	18773	0.341	ng/ul	95
29) Benzo(g,h,i)perylene	27.095	276	22647	0.300	ng/ul	98

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

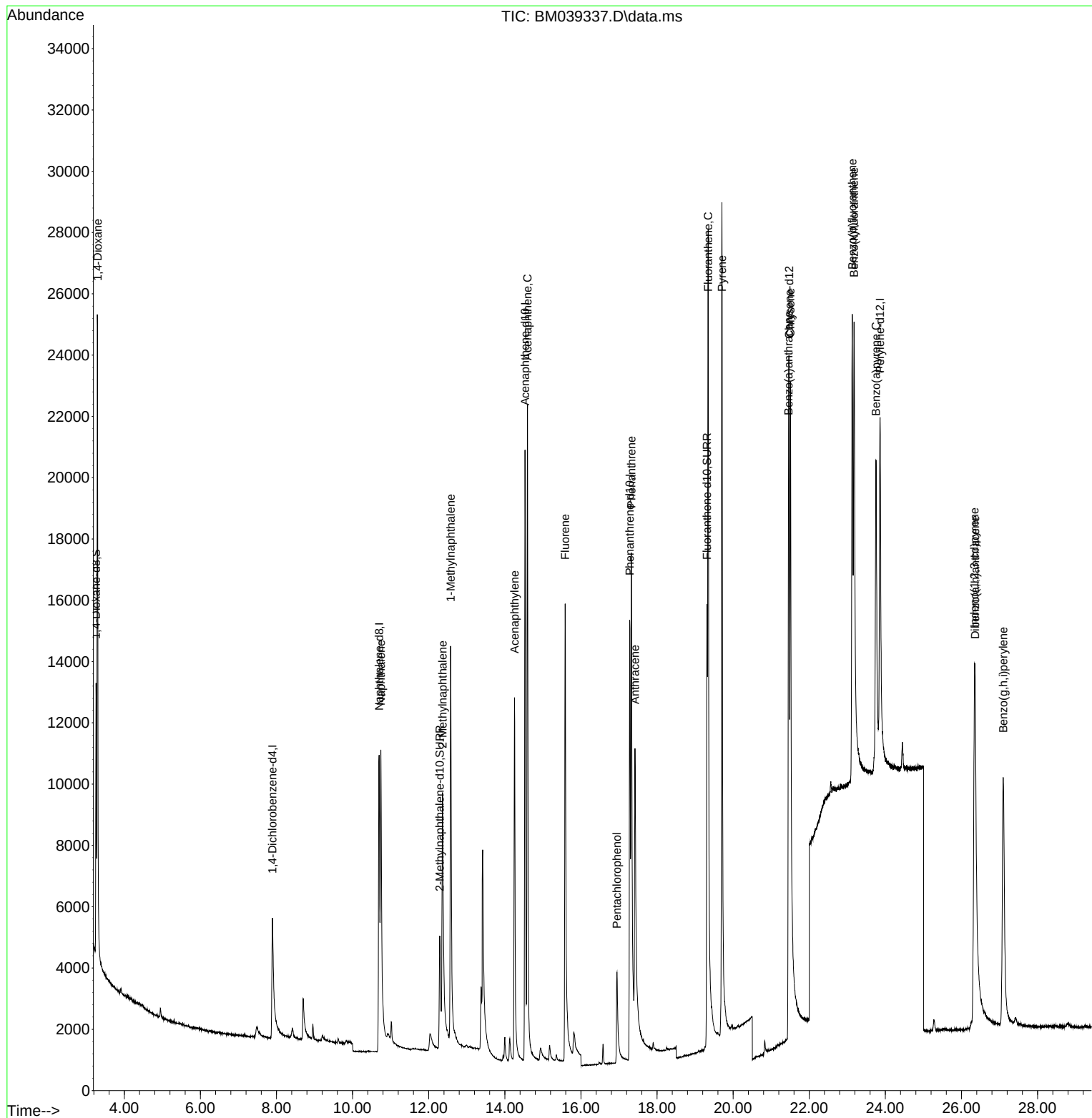
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039337.D
Acq On : 07 Apr 2023 04:00
Operator : CG/JU
Sample : PB151753BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

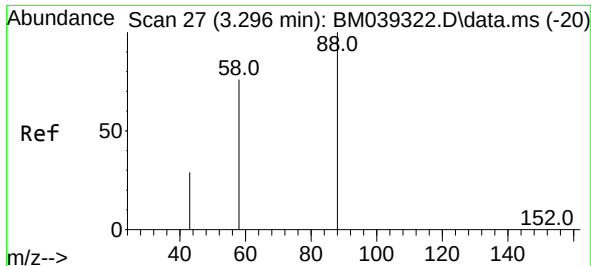
Instrument :
BNA_M
ClientSampleId :
SLCS753

Quant Time: Apr 07 04:38:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 23:58:10 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

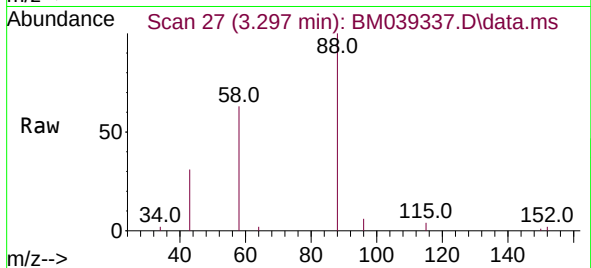
Reviewed By : Christian Giraldo 04/07/2023
Supervised By : Jagrut Upadhyay 04/07/2023





#2
1,4-Dioxane
Concen: 1.579 ng/ul
RT: 3.297 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00

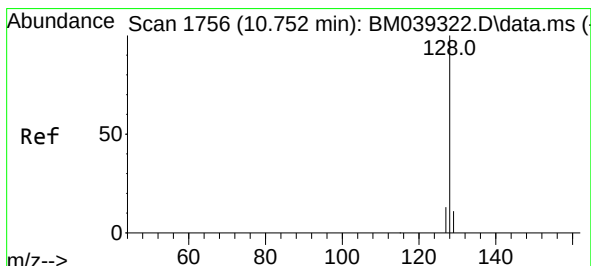
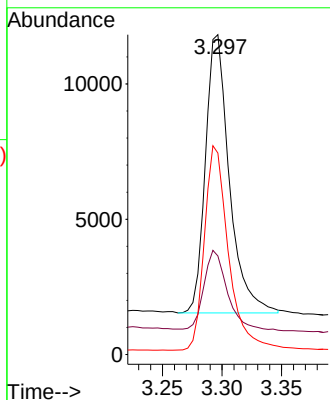
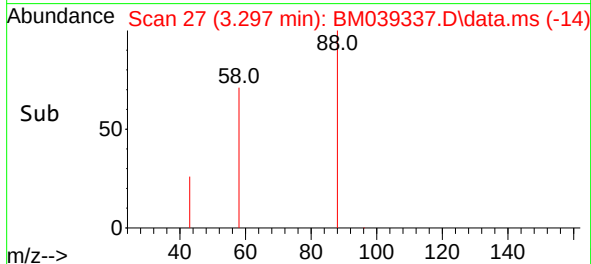
Instrument :
BNA_M
ClientSampleId :
SLCS753



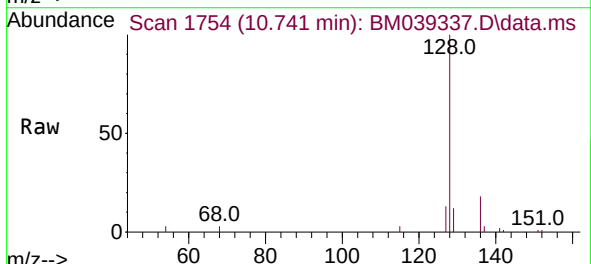
Tgt Ion: 88 Resp: 14369
Ion Ratio Lower Upper
88 100
43 30.8 30.6 45.8
58 63.0 34.1 51.1

Manual Integrations
APPROVED

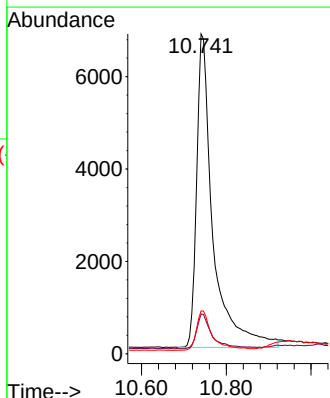
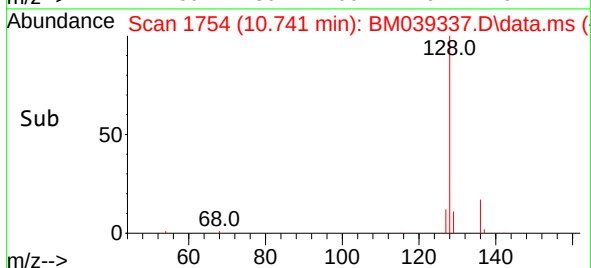
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

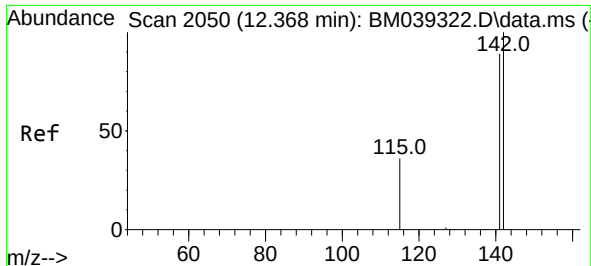


#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.741 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00



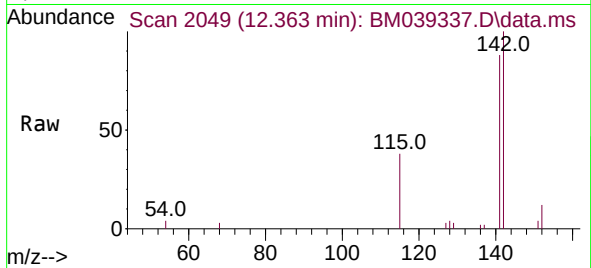
Tgt Ion:128 Resp: 18098
Ion Ratio Lower Upper
128 100
129 12.5 10.1 15.1
127 13.4 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.363 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00

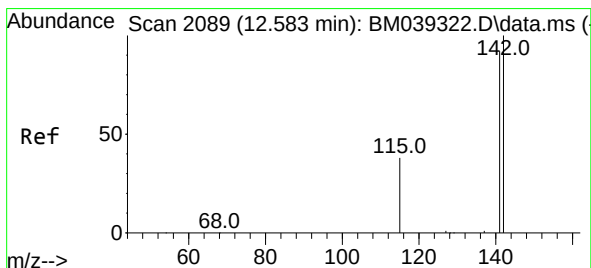
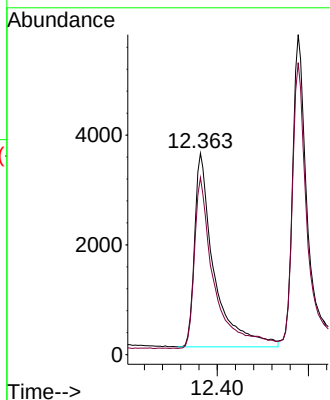
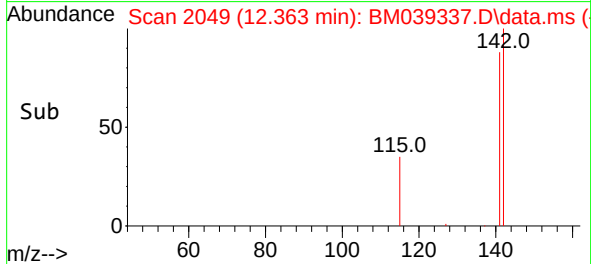
Instrument :
BNA_M
ClientSampleId :
SLCS753



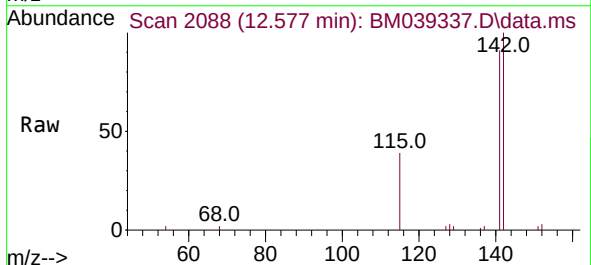
Tgt Ion:142 Resp: 10472
Ion Ratio Lower Upper
142 100
141 90.7 71.8 107.6

Manual Integrations
APPROVED

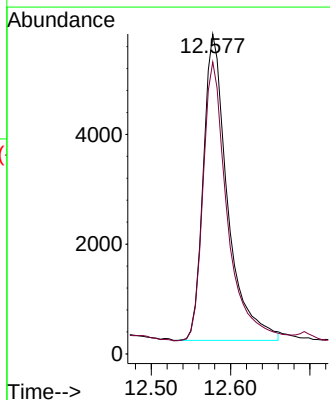
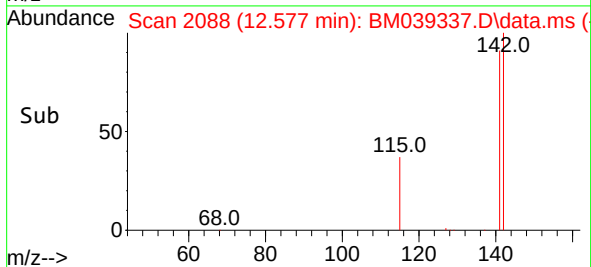
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

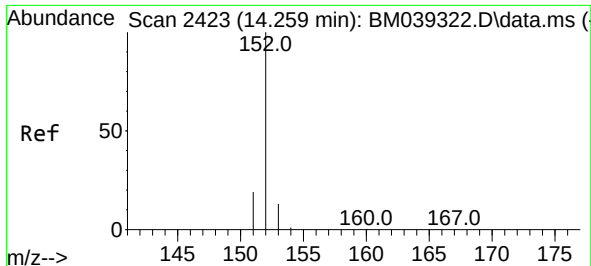


#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.577 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00



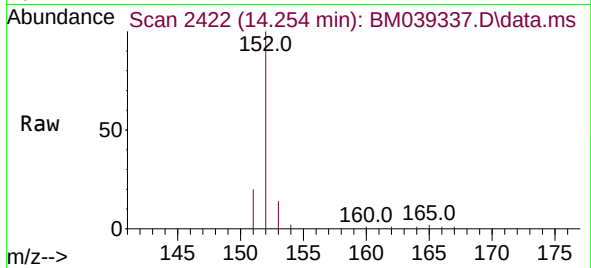
Tgt Ion:142 Resp: 11868
Ion Ratio Lower Upper
142 100
141 91.0 72.6 109.0





#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.254 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00

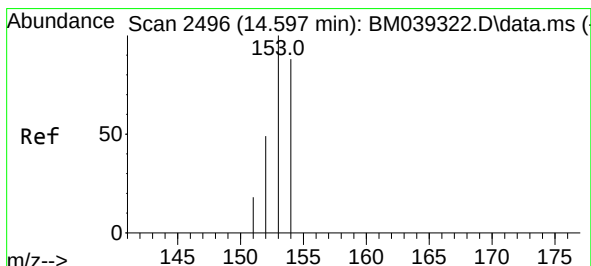
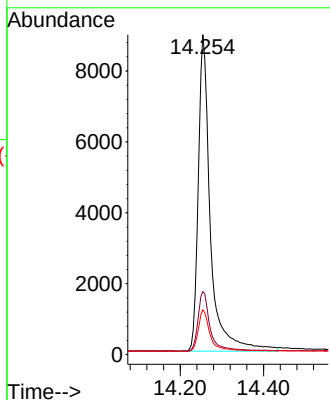
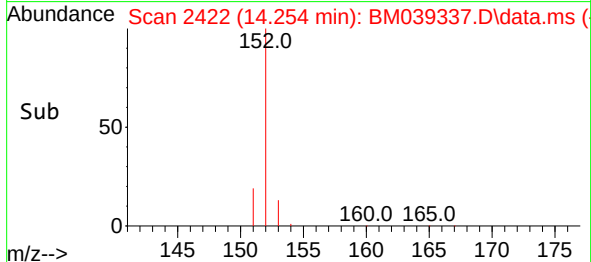
Instrument :
BNA_M
ClientSampleId :
SLCS753



Tgt Ion:152 Resp: 1792
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 14.0 11.6 17.4

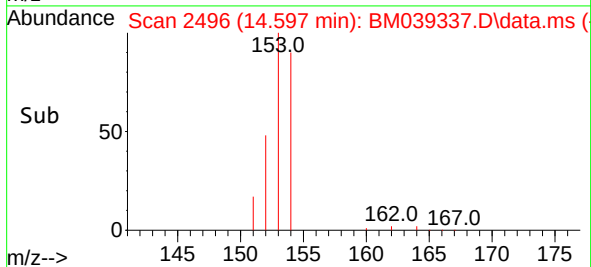
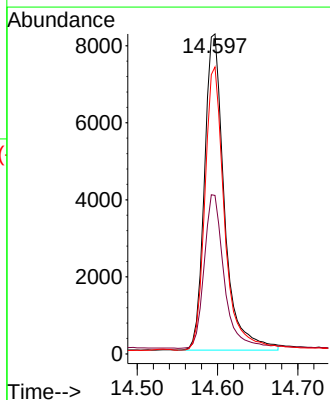
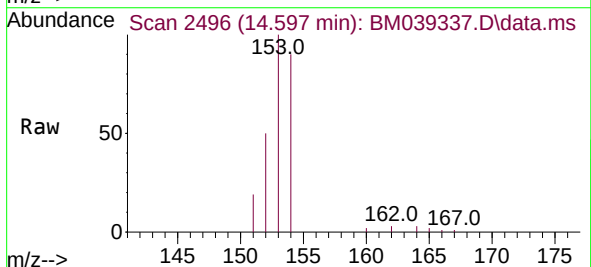
Manual Integrations
APPROVED

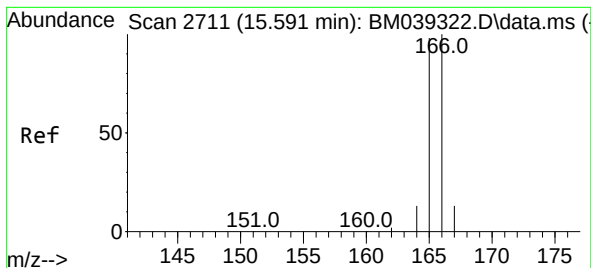
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00

Tgt Ion:153 Resp: 14208
Ion Ratio Lower Upper
153 100
152 49.5 40.3 60.5
154 89.7 71.5 107.3





#12

Fluorene

Concen: 0.383 ng/ul

RT: 15.587 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM039337.D

Acq: 07 Apr 2023 04:00

Instrument :

BNA_M

ClientSampleId :

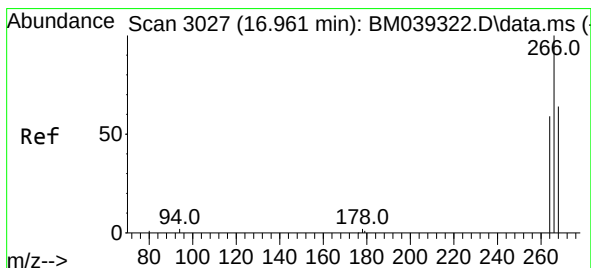
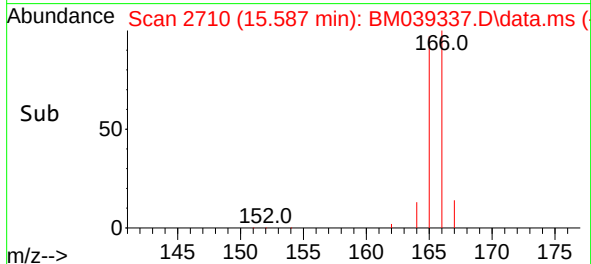
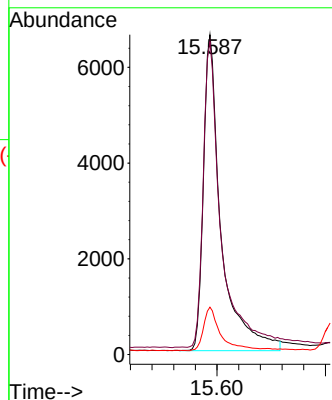
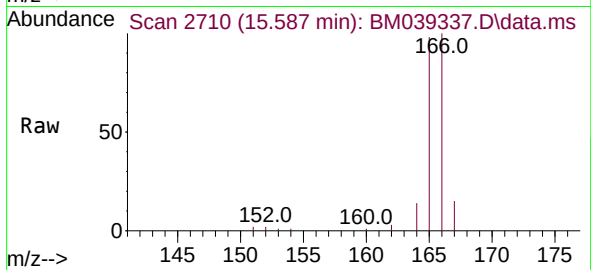
SLCS753

Tgt Ion:	166	Resp:	1500
Ion Ratio	Lower	Upper	
166	100		
165	97.8	77.8	116.8
167	14.8	11.8	17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#14

Pentachlorophenol

Concen: 0.675 ng/ul

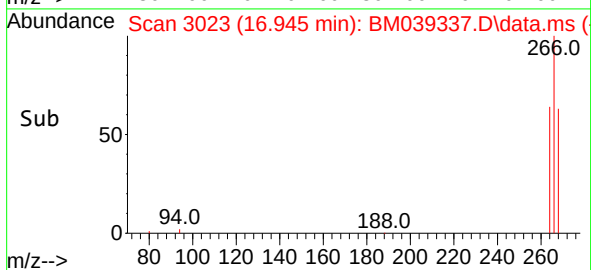
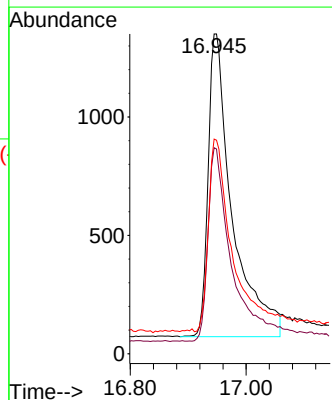
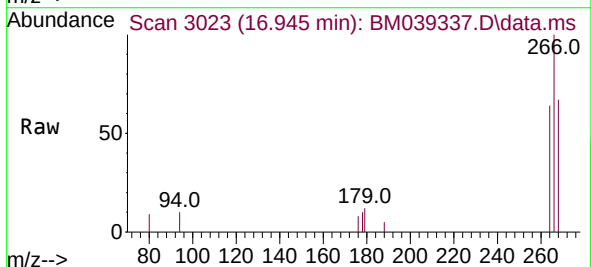
RT: 16.945 min Scan# 3023

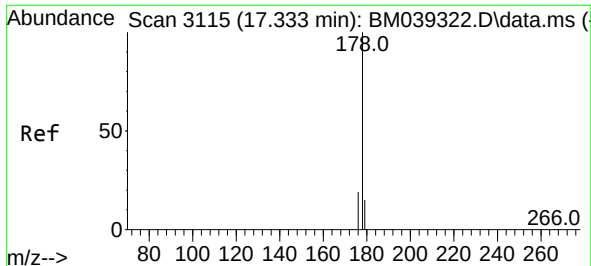
Delta R.T. -0.008 min

Lab File: BM039337.D

Acq: 07 Apr 2023 04:00

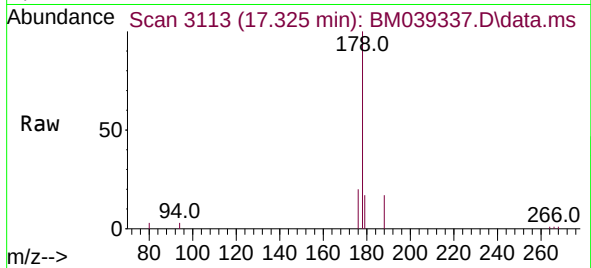
Tgt Ion:	266	Resp:	3693
Ion Ratio	Lower	Upper	
266	100		
264	62.8	39.6	59.4#
268	64.1	42.4	63.6#





#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.325 min Scan# 3115
Delta R.T. -0.004 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00

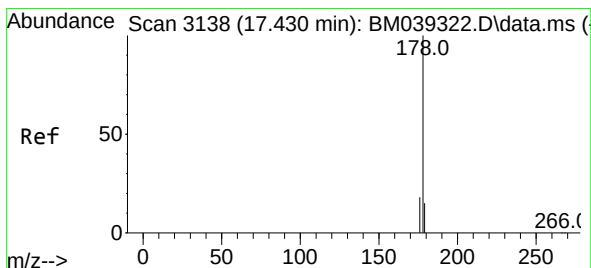
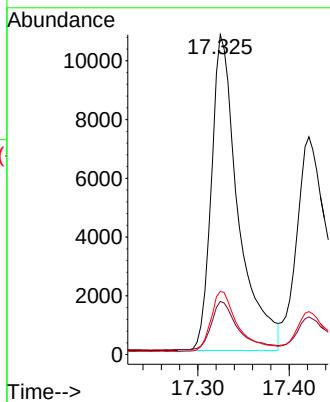
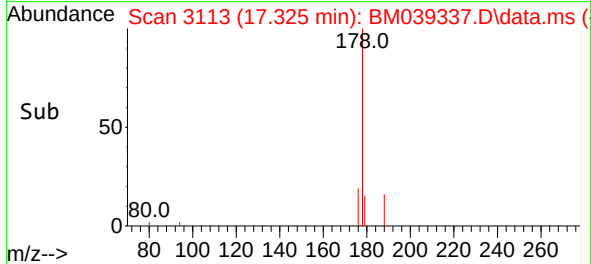
Instrument :
BNA_M
ClientSampleId :
SLCS753



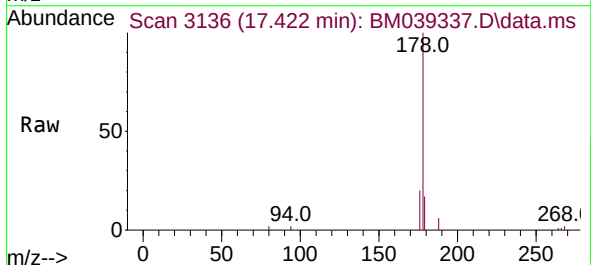
Tgt Ion:178 Resp: 22019
Ion Ratio Lower Upper
178 100
179 16.6 13.4 20.2
176 19.7 15.8 23.6

Manual Integrations
APPROVED

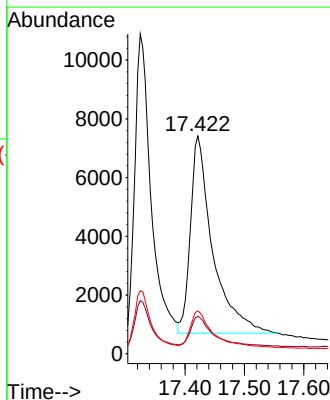
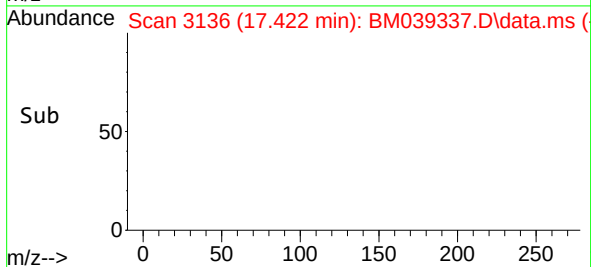
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

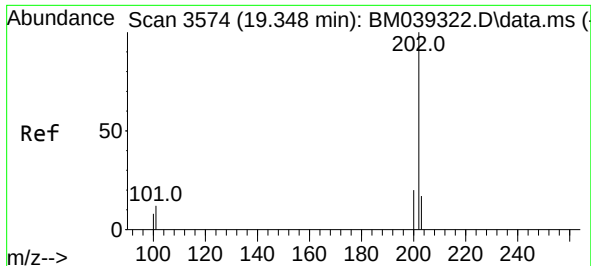


#16
Anthracene
Concen: 0.361 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00



Tgt Ion:178 Resp: 17461
Ion Ratio Lower Upper
178 100
179 17.3 14.6 21.8
176 19.7 16.6 24.8





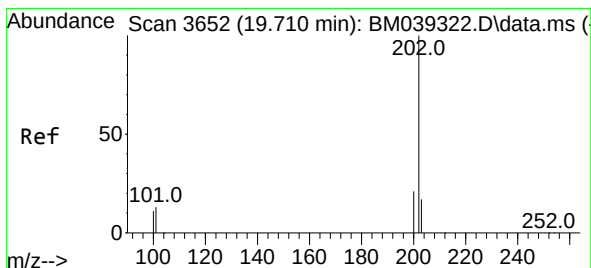
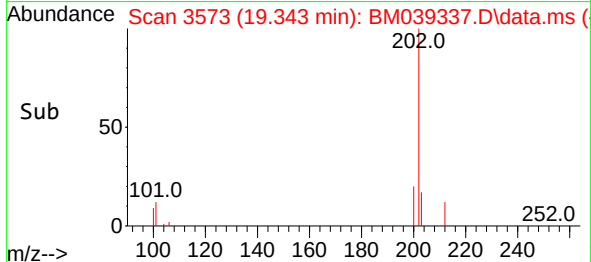
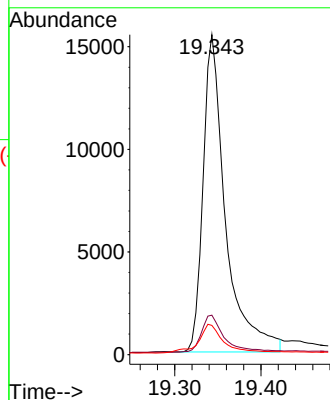
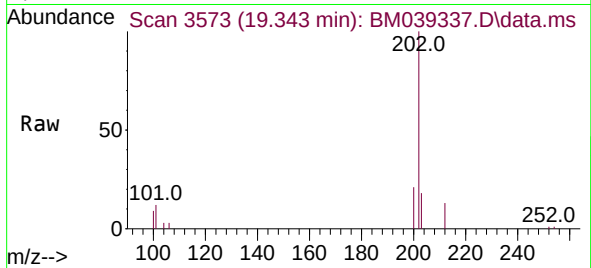
#19
Fluoranthene
Concen: 0.342 ng/ul
RT: 19.343 min Scan# 3573
Delta R.T. -0.005 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00

Instrument :
BNA_M
ClientSampleId :
SLCS753

Tgt Ion:202 Resp: 28017
Ion Ratio Lower Upper
202 100
101 12.3 9.7 14.5
100 9.1 7.4 11.0

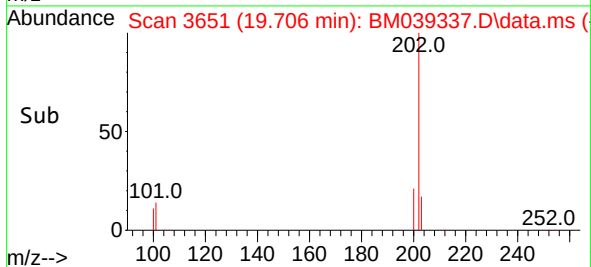
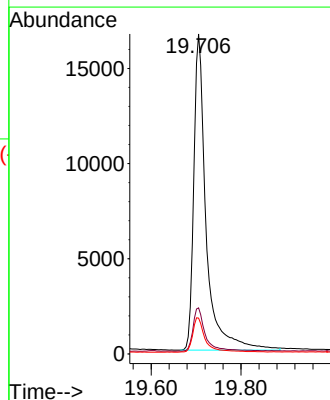
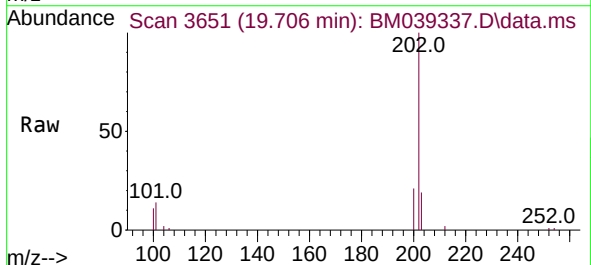
Manual Integrations
APPROVED

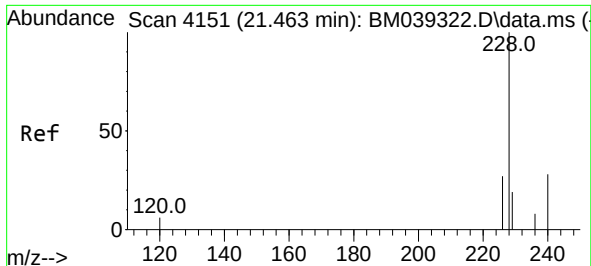
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#20
Pyrene
Concen: 0.339 ng/ul
RT: 19.706 min Scan# 3651
Delta R.T. -0.005 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00

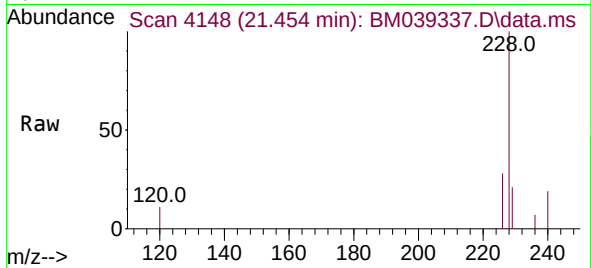
Tgt Ion:202 Resp: 31779
Ion Ratio Lower Upper
202 100
101 14.4 11.1 16.7
100 11.2 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.454 min Scan# 4151
Delta R.T. -0.006 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00

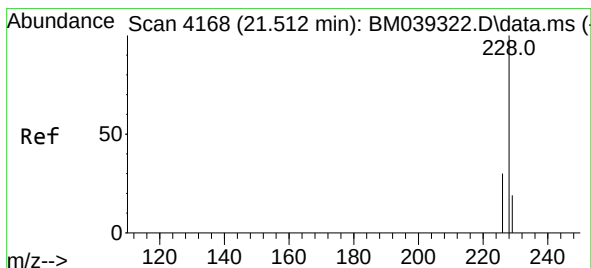
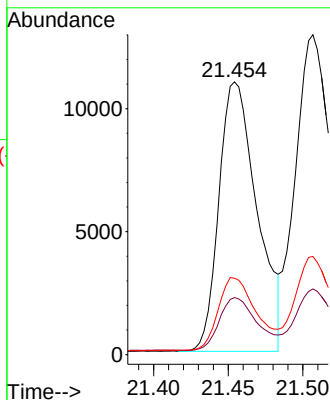
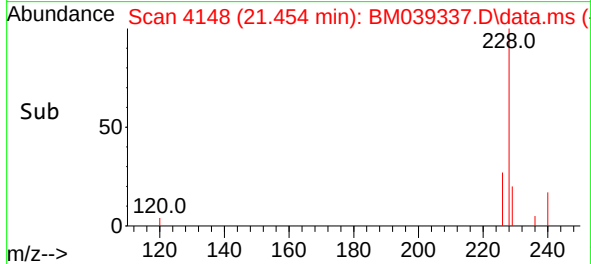
Instrument :
BNA_M
ClientSampleId :
SLCS753



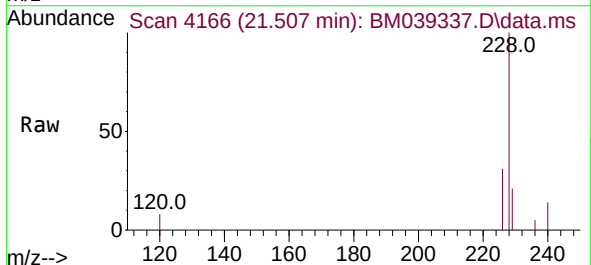
Tgt Ion:228 Resp: 1952
Ion Ratio Lower Upper
228 100
229 20.9 16.6 24.8
226 28.0 22.6 34.0

Manual Integrations
APPROVED

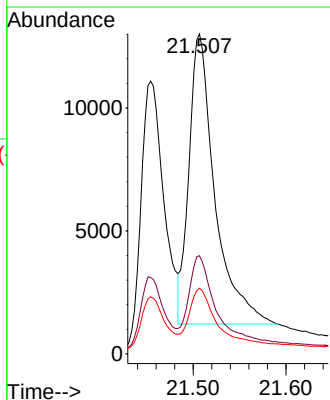
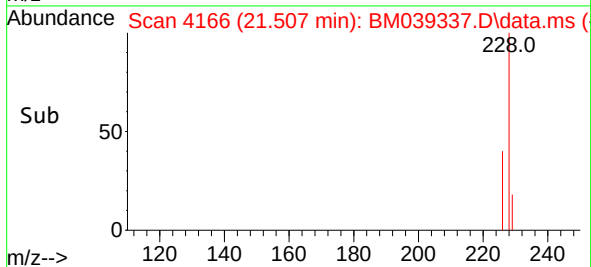
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

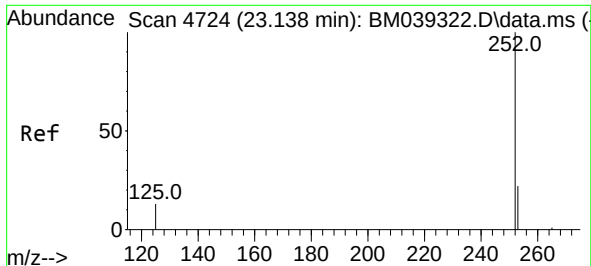


#22
Chrysene
Concen: 0.410 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00



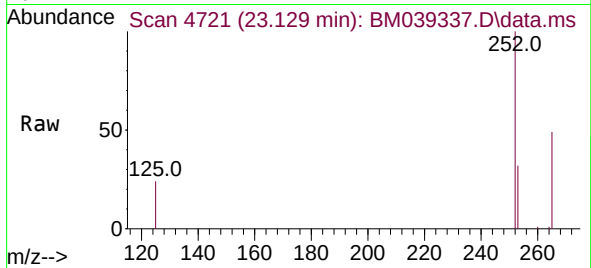
Tgt Ion:228 Resp: 22933
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 20.5 16.2 24.4





#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul m
RT: 23.129 min Scan# 4721
Delta R.T. -0.006 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00

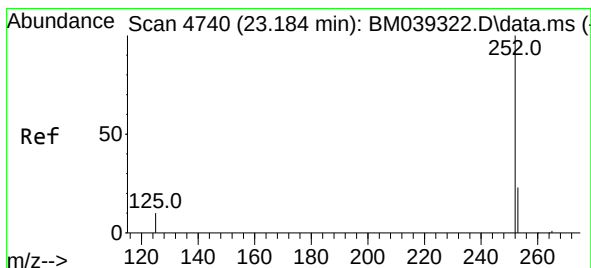
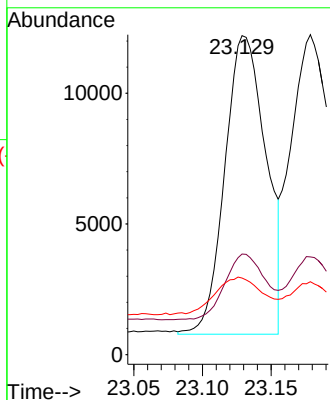
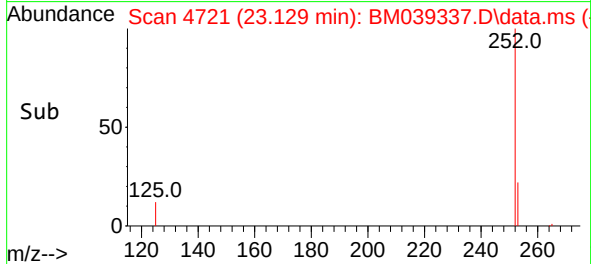
Instrument :
BNA_M
ClientSampleId :
SLCS753



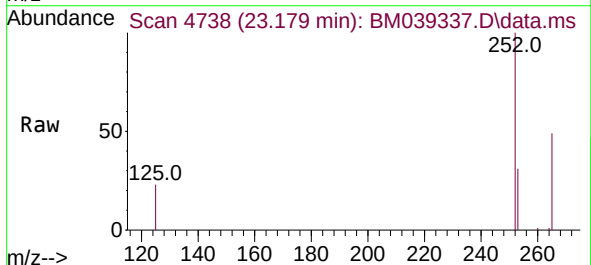
Tgt Ion:252 Resp: 23823
Ion Ratio Lower Upper
252 100
253 31.5 0.0 64.4
125 24.0 0.0 50.4

Manual Integrations
APPROVED

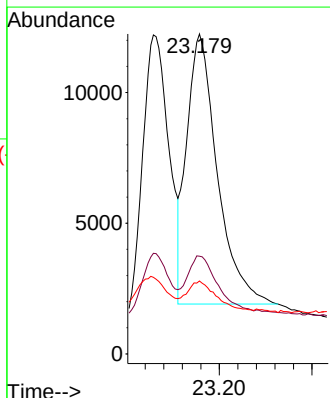
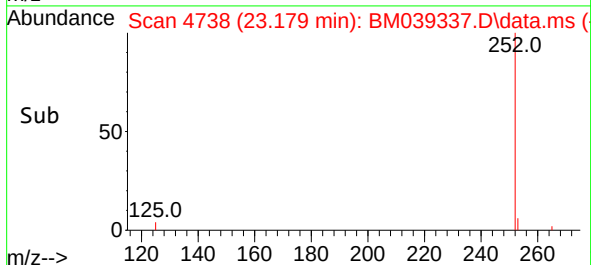
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

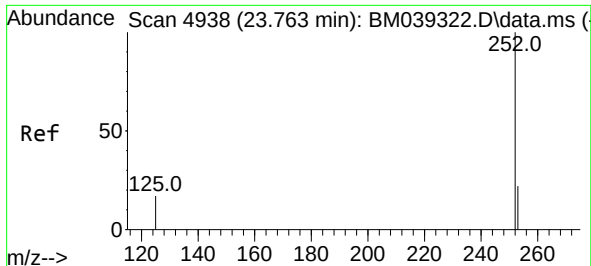


#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 23.179 min Scan# 4738
Delta R.T. -0.006 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00



Tgt Ion:252 Resp: 23711
Ion Ratio Lower Upper
252 100
253 30.5 25.5 38.3
125 22.8 20.4 30.6





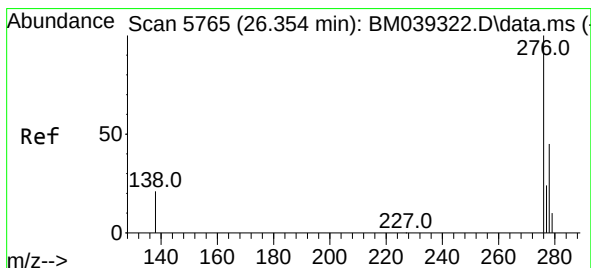
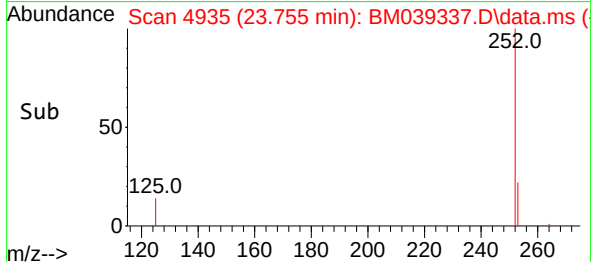
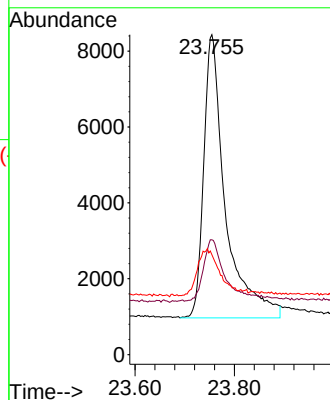
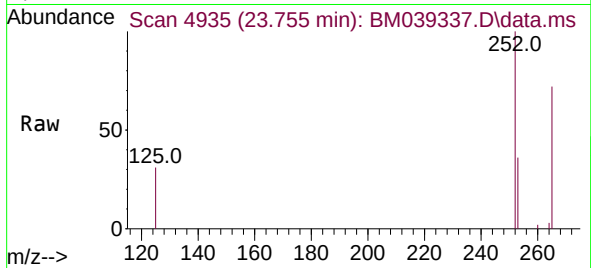
#26
Benzo(a)pyrene
Concen: 0.362 ng/ul
RT: 23.755 min Scan# 4938
Delta R.T. -0.009 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00

Instrument :
BNA_M
ClientSampleId :
SLCS753

Tgt Ion:252 Resp: 22640
Ion Ratio Lower Upper
252 100
253 35.9 31.0 46.4
125 31.2 28.2 42.4

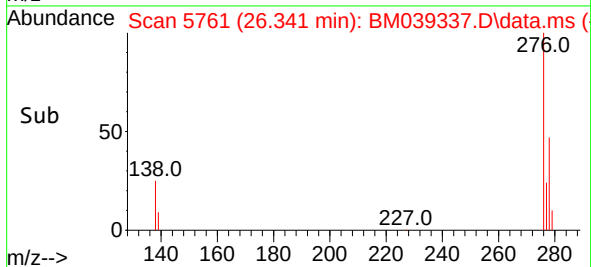
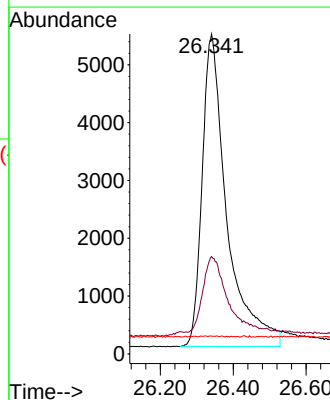
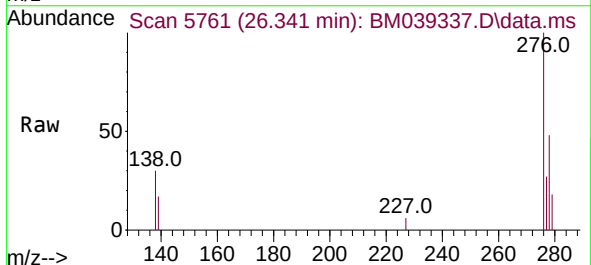
Manual Integrations
APPROVED

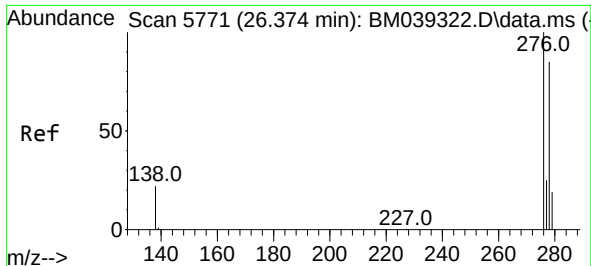
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng/ul
RT: 26.341 min Scan# 5761
Delta R.T. -0.010 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00

Tgt Ion:276 Resp: 25406
Ion Ratio Lower Upper
276 100
138 25.3 21.4 32.0
227 0.1 0.1 0.1





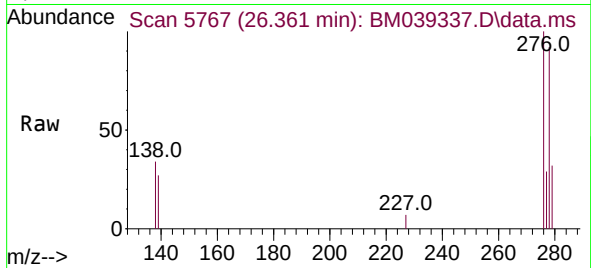
#28
Dibenzo(a,h)anthracene
Concen: 0.341 ng/ul
RT: 26.361 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00

Instrument :

BNA_M

ClientSampleId :

SLCS753

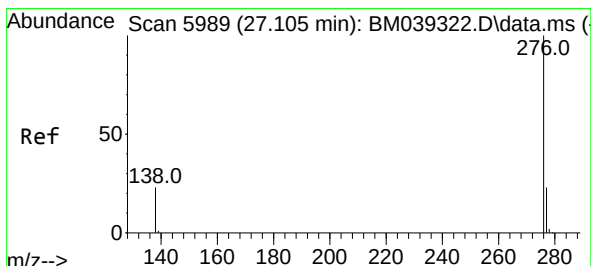
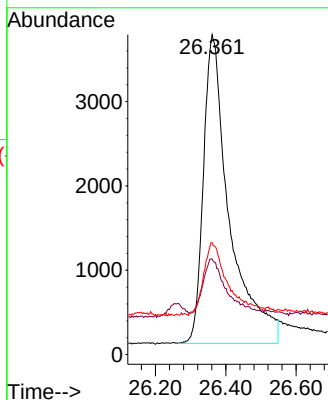
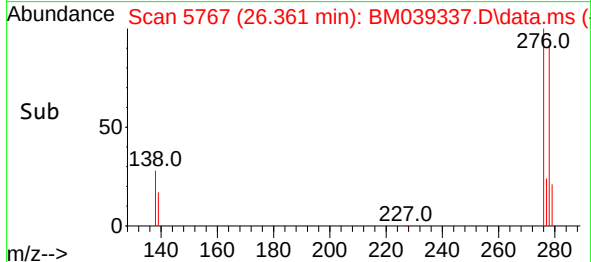


Tgt Ion:278 Resp: 18773
Ion Ratio Lower Upper
278 100
139 29.9 21.8 32.6
279 35.0 30.0 45.0

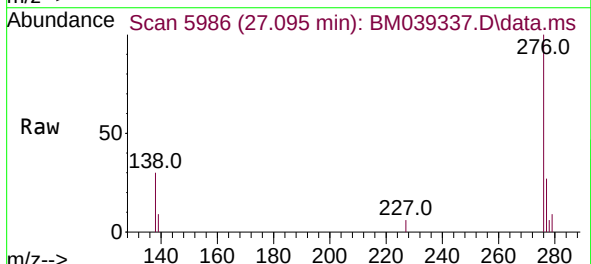
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#29
Benzo(g,h,i)perylene
Concen: 0.300 ng/ul
RT: 27.095 min Scan# 5986
Delta R.T. -0.007 min
Lab File: BM039337.D
Acq: 07 Apr 2023 04:00



Tgt Ion:276 Resp: 22647
Ion Ratio Lower Upper
276 100
138 29.8 22.2 33.2
277 26.7 21.2 31.8

