

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040986.D
 Acq On : 20 Jul 2023 17:59
 Operator : MA/JU
 Sample : PB154066BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS066

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

Quant Time: Jul 20 22:14:55 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 20 05:08:42 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	1990	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	9795	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.523	164	3047	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	5412m	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	3811	0.400	ng/ul	0.00
23) Perylene-d12	23.863	264	4190	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	2683	0.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	5142	0.394	ng/ul	0.00
18) Fluoranthene-d10	19.310	212	4696	0.293	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	6250	1.815	ng/ul#	75
5) Naphthalene	10.730	128	9019	0.337	ng/ul	99
7) 2-Methylnaphthalene	12.352	142	5054	0.344	ng/ul	99
8) 1-Methylnaphthalene	12.566	142	5534	0.354	ng/ul	99
10) Acenaphthylene	14.245	152	6447	0.505	ng/ul	99
11) Acenaphthene	14.583	153	3851	0.342	ng/ul	99
12) Fluorene	15.582	166	3594	0.309	ng/ul	99
14) Pentachlorophenol	16.944	266	773	0.709	ng/ul	97
15) Phenanthrene	17.324	178	4733	0.293	ng/ul	97
16) Anthracene	17.417	178	3654	0.290	ng/ul	94
19) Fluoranthene	19.338	202	5350	0.272	ng/ul	97
20) Pyrene	19.701	202	5871	0.292	ng/ul	97
21) Benzo(a)anthracene	21.454	228	4177	0.360	ng/ul	97
22) Chrysene	21.507	228	4749	0.358	ng/ul	98
24) Benzo(b)fluoranthene	23.135	252	5156	0.321	ng/ul	93
25) Benzo(k)fluoranthene	23.181	252	5036	0.330	ng/ul#	92
26) Benzo(a)pyrene	23.757	252	4693	0.338	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.341	276	6730	0.365	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.357	278	5137	0.368	ng/ul	95
29) Benzo(g,h,i)perylene	27.098	276	6249	0.367	ng/ul	98

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

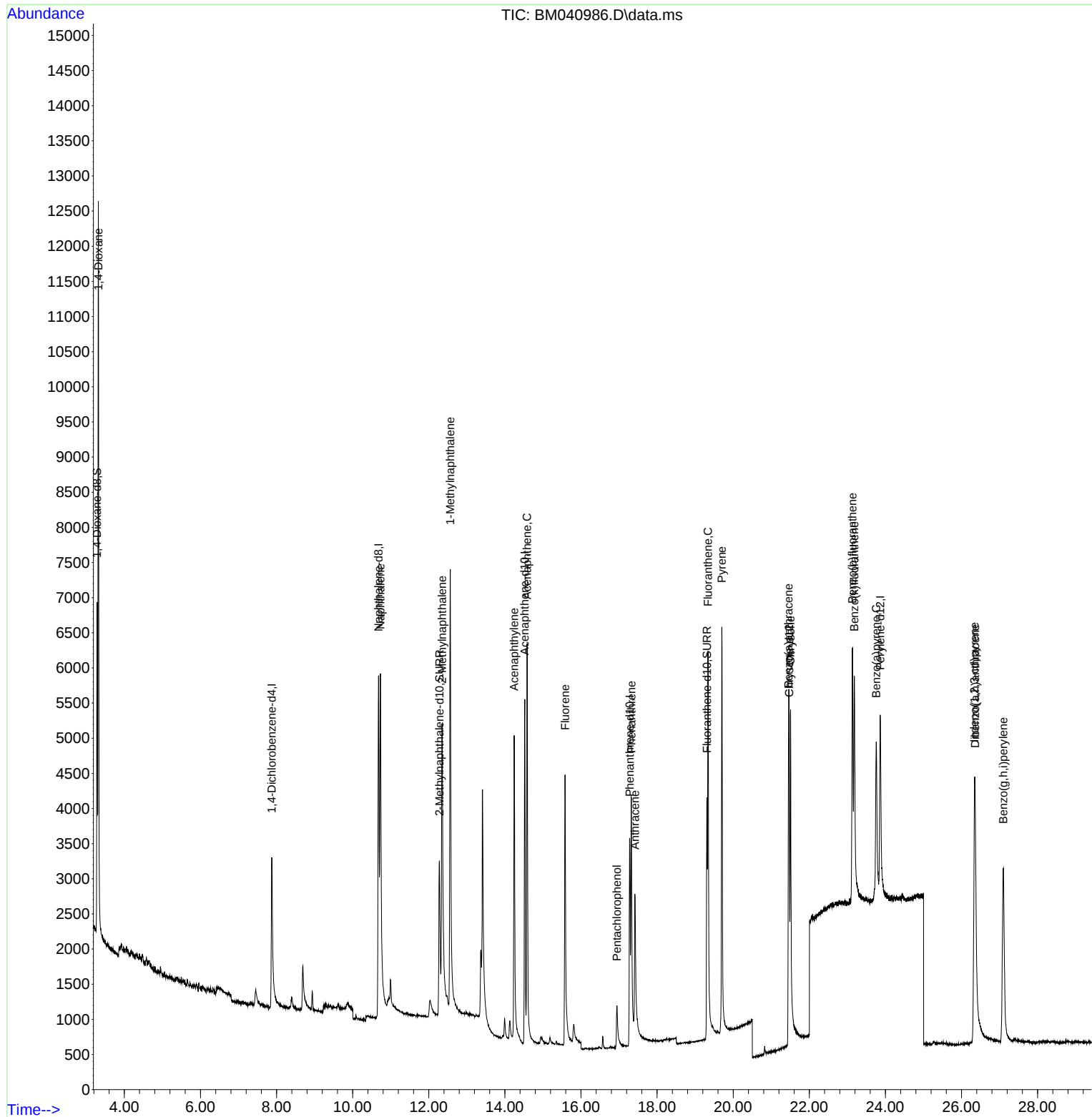
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
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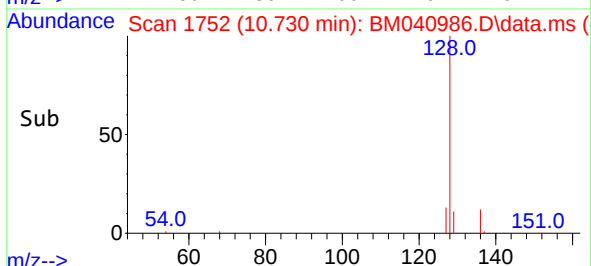
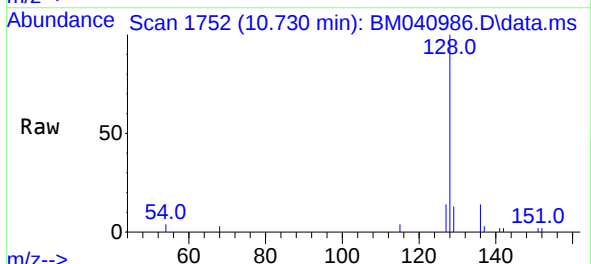
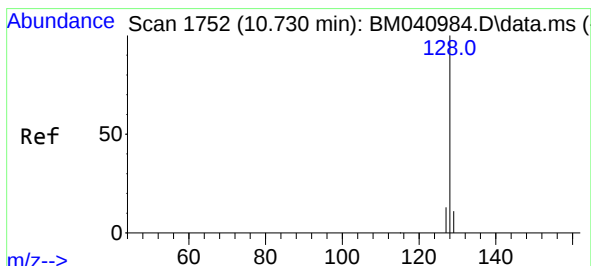
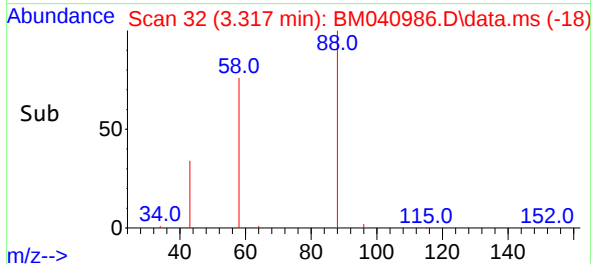
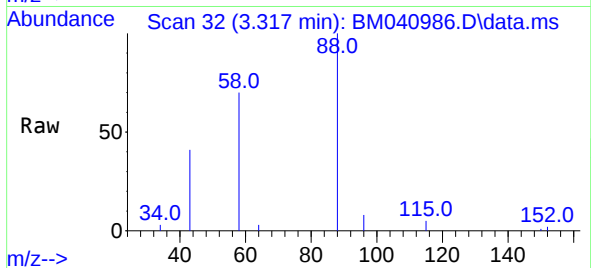
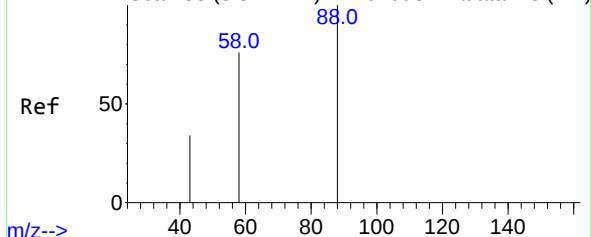
Manual Integrations
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Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

Quant Time: Jul 20 22:14:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
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Abundance Scan 33 (3.322 min): BM040984.D\data.ms (-24)



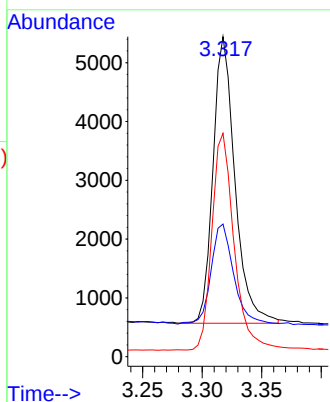
#2
1,4-Dioxane
Concen: 1.815 ng/ul
RT: 3.317 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Tgt Ion: 88 Resp: 6250
Ion Ratio Lower Upper
88 100
43 41.5 46.7 70.1
58 69.8 40.3 60.5

Instrument :
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ClientSampleId :
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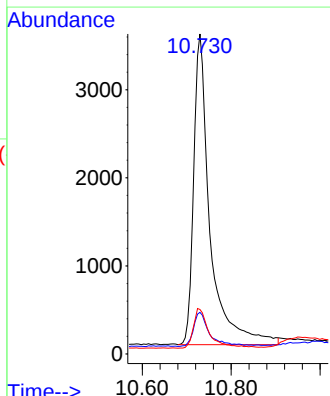
Manual Integrations
APPROVED

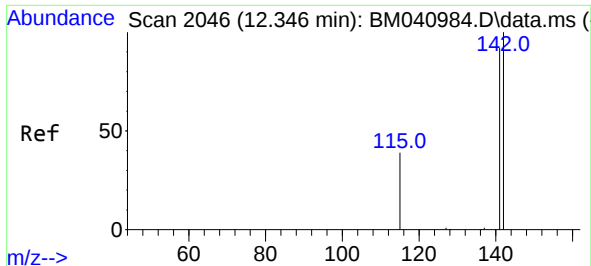
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#5
Naphthalene
Concen: 0.337 ng/ul
RT: 10.730 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

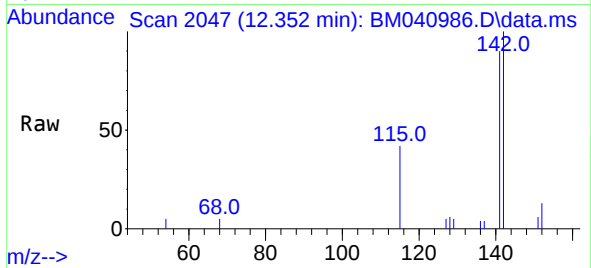
Tgt Ion:128 Resp: 9019
Ion Ratio Lower Upper
128 100
129 13.0 9.8 14.8
127 13.9 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

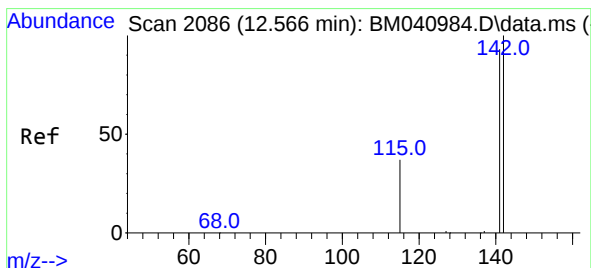
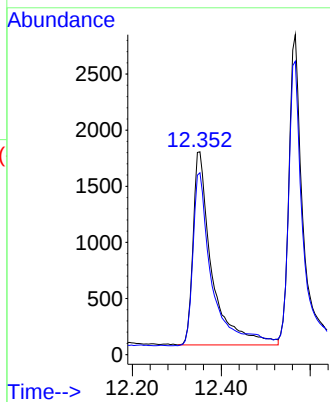
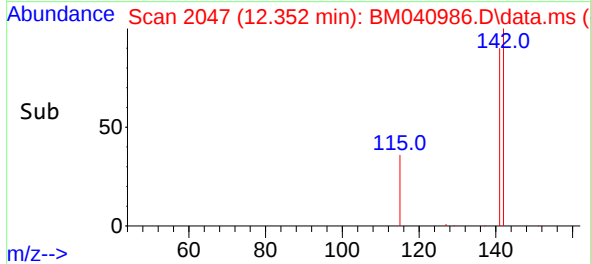
Instrument :
BNA_M
ClientSampleId :
SLCS066



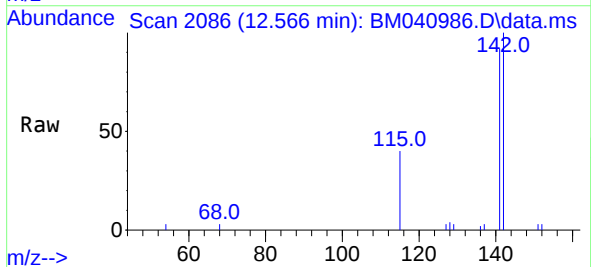
Tgt Ion:142 Resp: 5054
Ion Ratio Lower Upper
142 100
141 90.8 73.2 109.8

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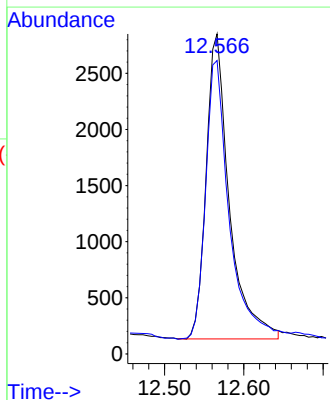
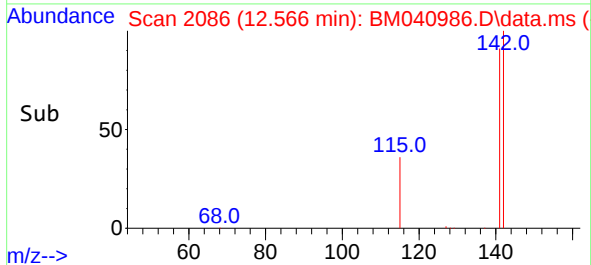
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

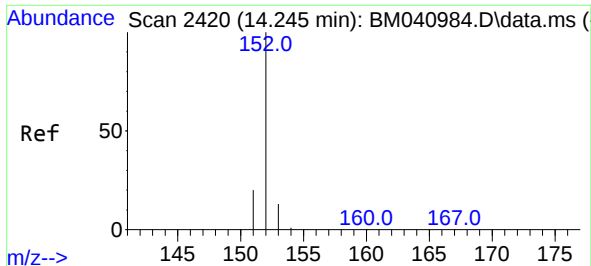


#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59



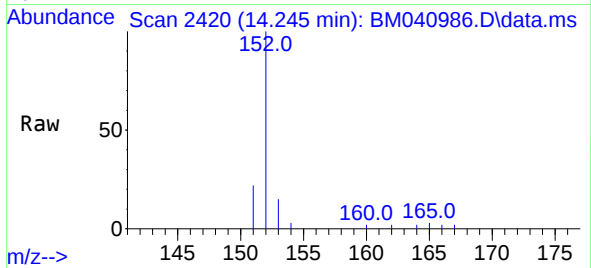
Tgt Ion:142 Resp: 5534
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.2





#10
Acenaphthylene
Concen: 0.505 ng/ul
RT: 14.245 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

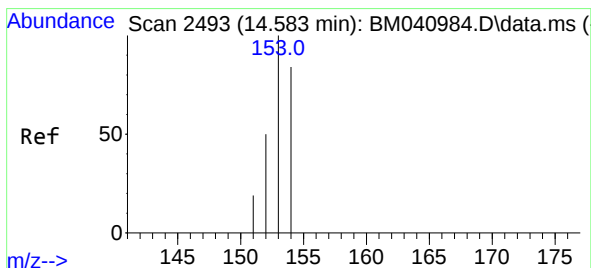
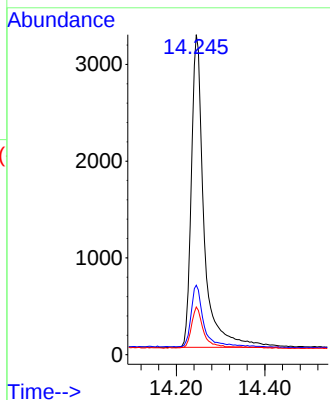
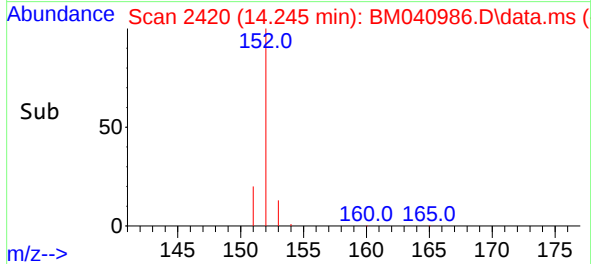
Instrument :
BNA_M
ClientSampleId :
SLCS066



Tgt Ion:152 Resp: 644
Ion Ratio Lower Upper
152 100
151 21.7 16.8 25.2
153 14.9 11.6 17.4

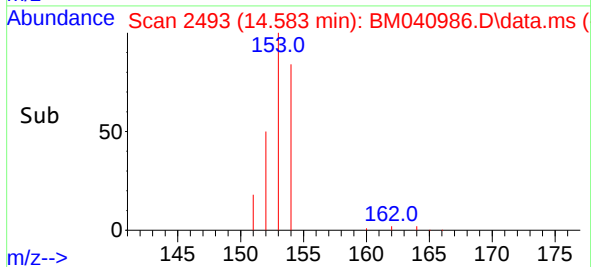
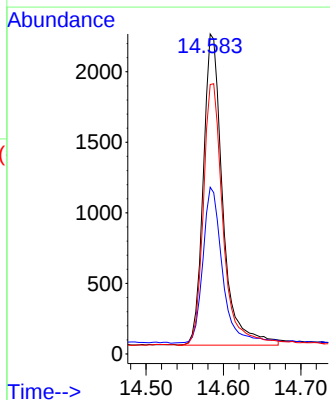
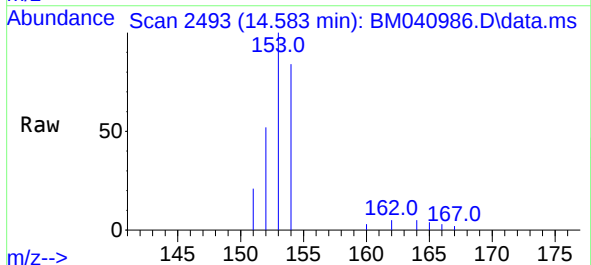
Manual Integrations
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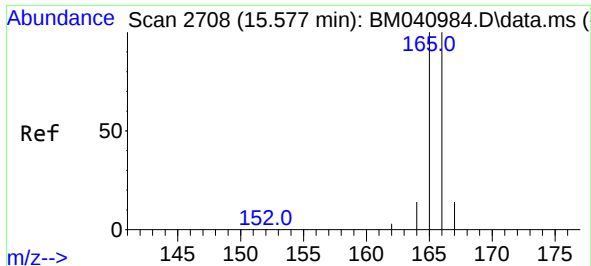
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#11
Acenaphthene
Concen: 0.342 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

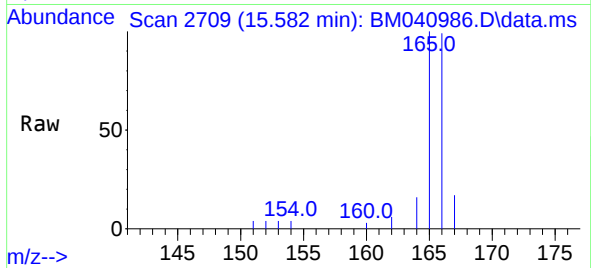
Tgt Ion:153 Resp: 3851
Ion Ratio Lower Upper
153 100
152 52.1 41.0 61.6
154 84.2 68.2 102.2





#12
Fluorene
Concen: 0.309 ng/ul
RT: 15.582 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

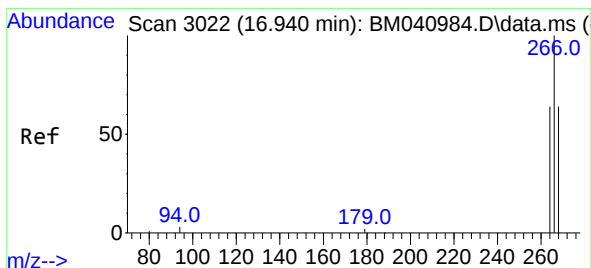
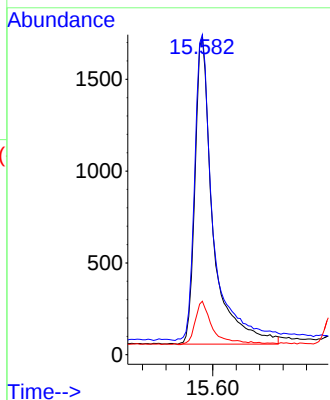
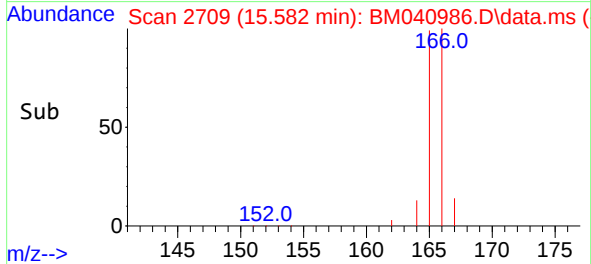
Instrument :
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SLCS066



Tgt Ion:166 Resp: 3594
Ion Ratio Lower Upper
166 100
165 100.8 80.3 120.5
167 16.8 11.7 17.5

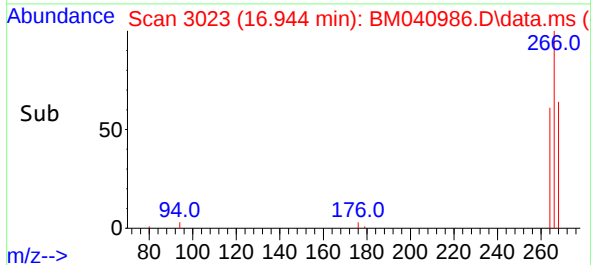
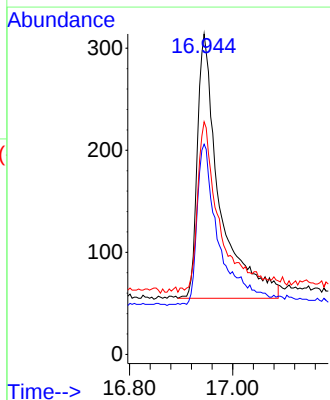
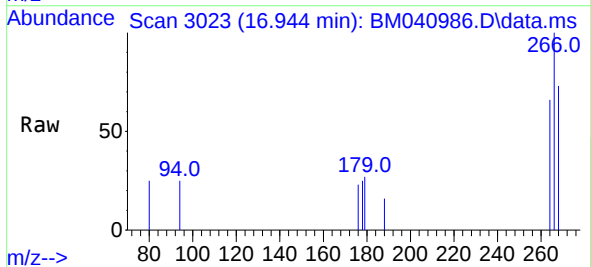
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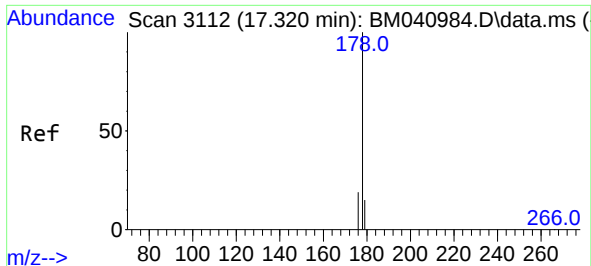
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#14
Pentachlorophenol
Concen: 0.709 ng/ul
RT: 16.944 min Scan# 3023
Delta R.T. -0.029 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

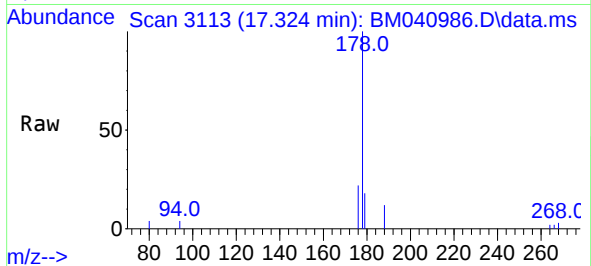
Tgt Ion:266 Resp: 773
Ion Ratio Lower Upper
266 100
264 60.7 50.7 76.1
268 63.6 52.8 79.2





#15
Phenanthrene
Concen: 0.293 ng/u1
RT: 17.324 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

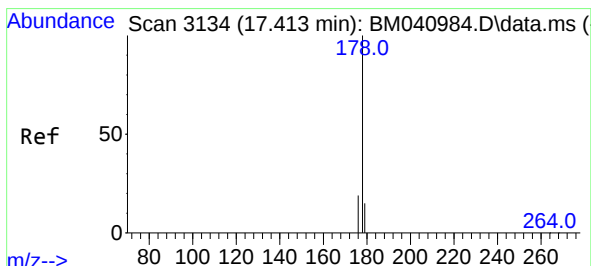
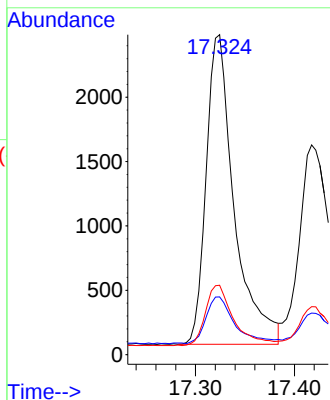
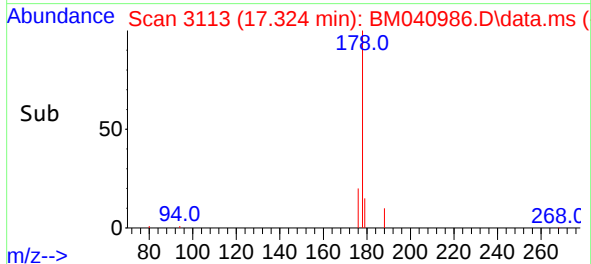
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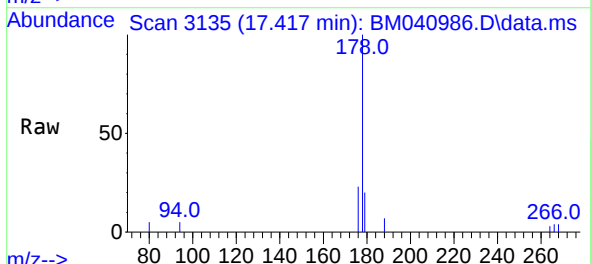
Tgt Ion:178 Resp: 473
Ion Ratio Lower Upper
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179 18.1 13.0 19.6
176 21.7 16.2 24.4

Manual Integrations
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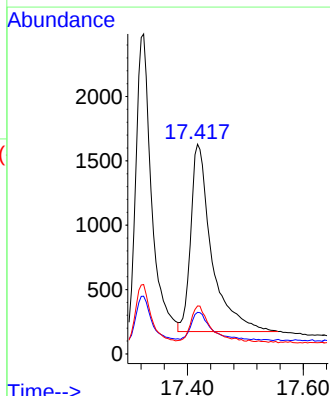
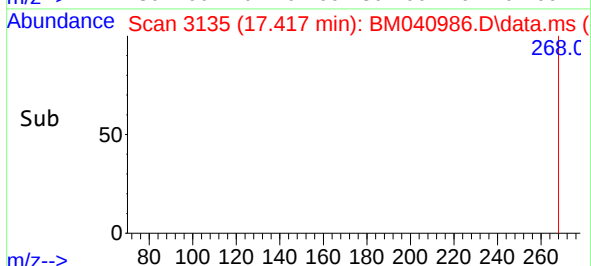
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

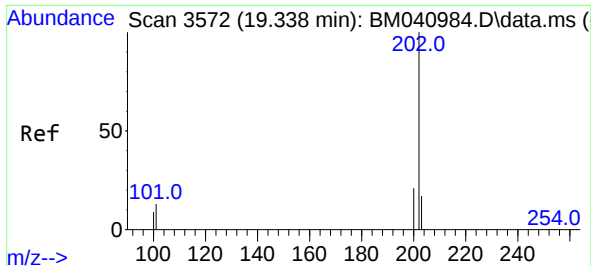


#16
Anthracene
Concen: 0.290 ng/u1
RT: 17.417 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59



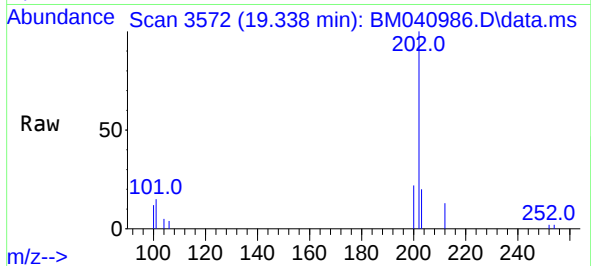
Tgt Ion:178 Resp: 3654
Ion Ratio Lower Upper
178 100
179 19.8 13.7 20.5
176 22.8 16.4 24.6





#19
Fluoranthene
Concen: 0.272 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.005 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

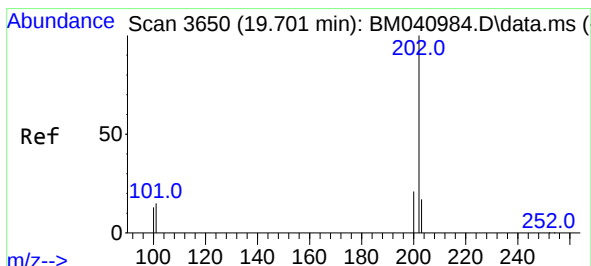
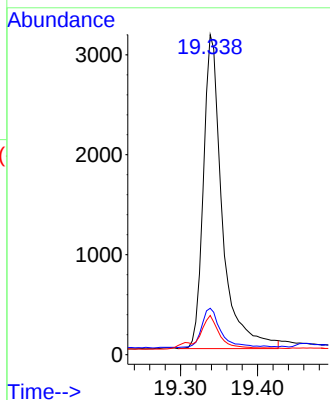
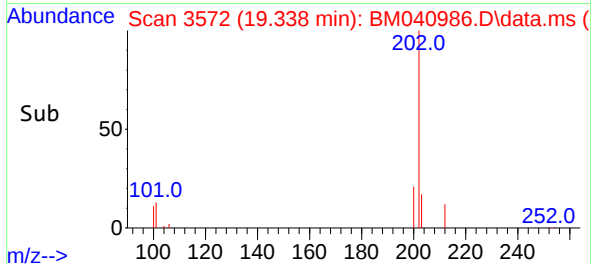
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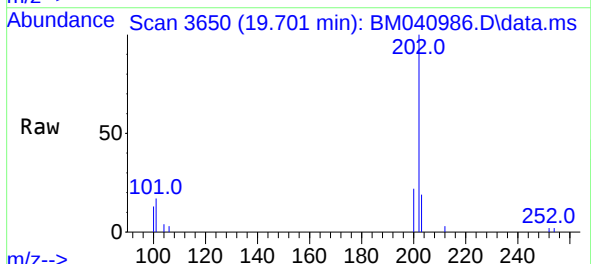
Tgt Ion:202 Resp: 5350
Ion Ratio Lower Upper
202 100
101 14.5 11.0 16.4
100 12.2 8.3 12.5

Manual Integrations
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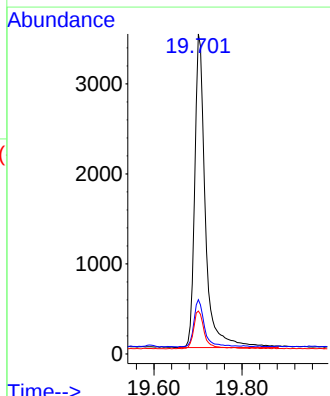
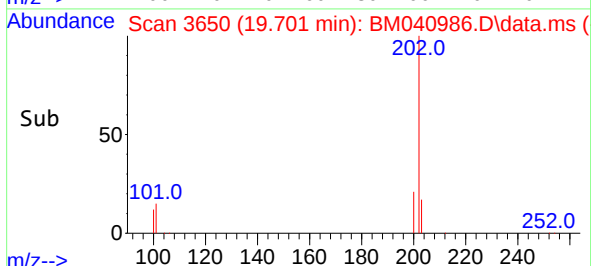
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

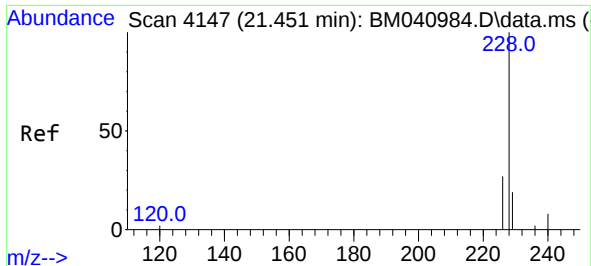


#20
Pyrene
Concen: 0.292 ng/ul
RT: 19.701 min Scan# 3650
Delta R.T. -0.005 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59



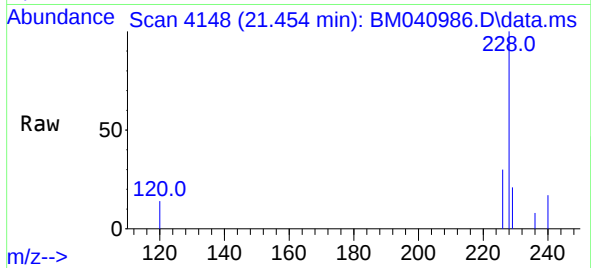
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Ion Ratio Lower Upper
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101 17.0 12.5 18.7
100 13.4 10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.360 ng/u1
RT: 21.454 min Scan# 4147
Delta R.T. -0.003 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

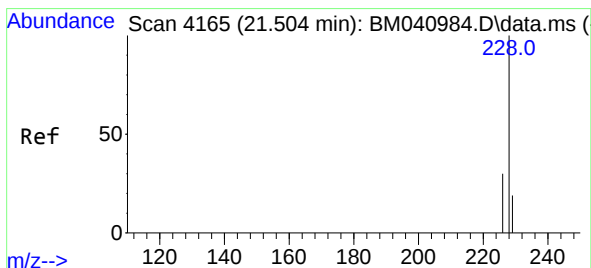
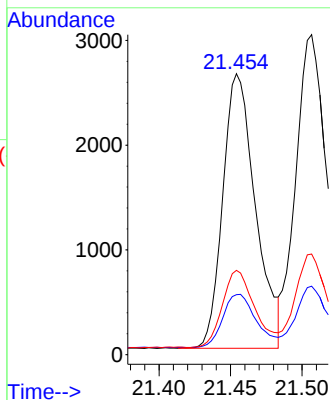
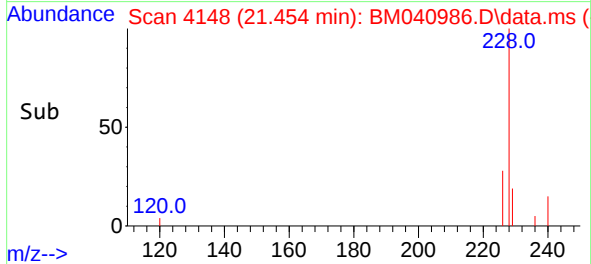
Instrument :
BNA_M
ClientSampleId :
SLCS066



Tgt Ion:228 Resp: 417
Ion Ratio Lower Upper
228 100
229 21.3 16.2 24.4
226 30.0 22.3 33.5

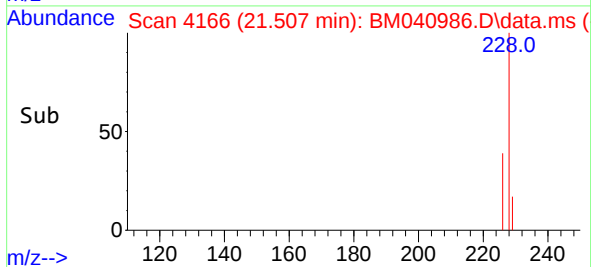
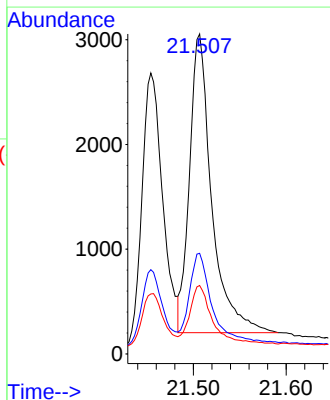
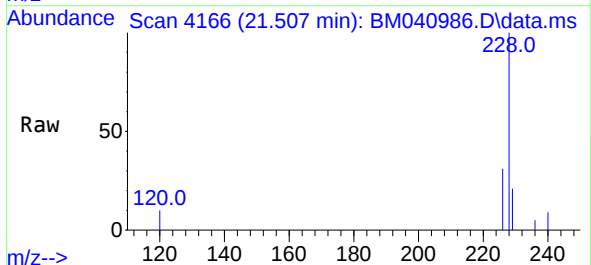
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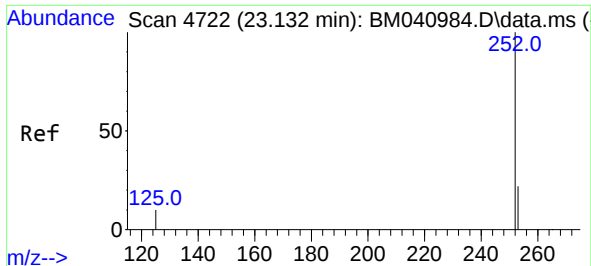
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#22
Chrysene
Concen: 0.358 ng/u1
RT: 21.507 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Tgt Ion:228 Resp: 4749
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 21.4 16.1 24.1





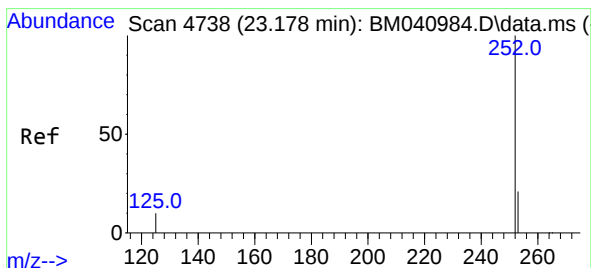
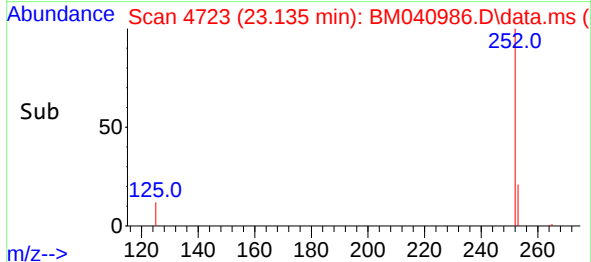
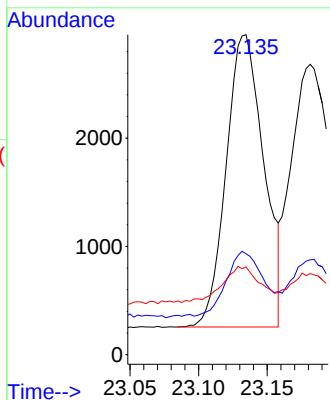
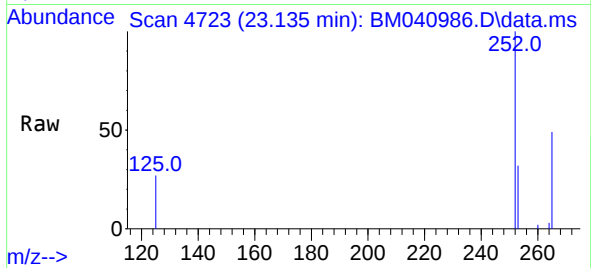
#24
Benzo(b)fluoranthene
Concen: 0.321 ng/ul
RT: 23.135 min Scan# 4722
Delta R.T. 0.000 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :
SLCS066

Tgt Ion:252 Resp: 5150
Ion Ratio Lower Upper
252 100
253 31.6 0.0 57.4
125 27.4 0.0 45.2

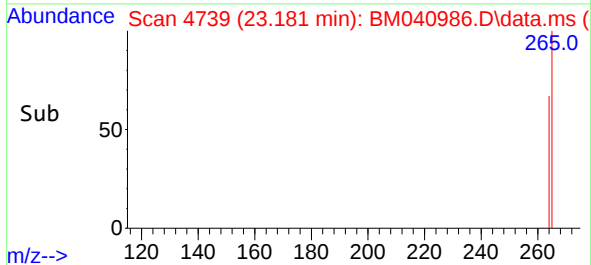
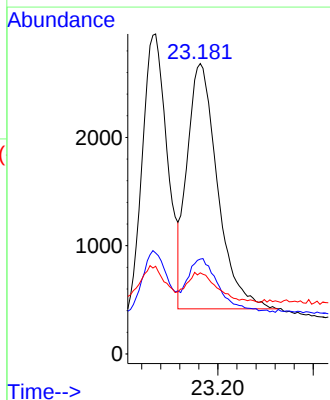
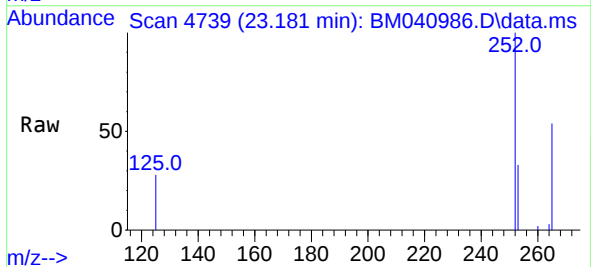
Manual Integrations
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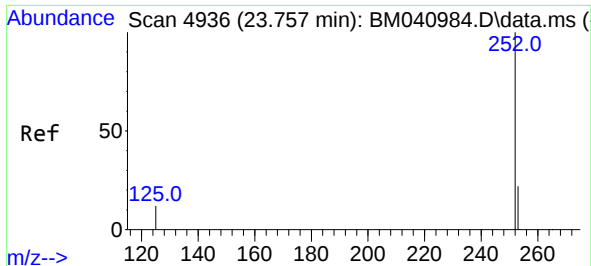
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul
RT: 23.181 min Scan# 4739
Delta R.T. -0.006 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Tgt Ion:252 Resp: 5036
Ion Ratio Lower Upper
252 100
253 32.7 23.3 34.9
125 27.9 18.2 27.2#





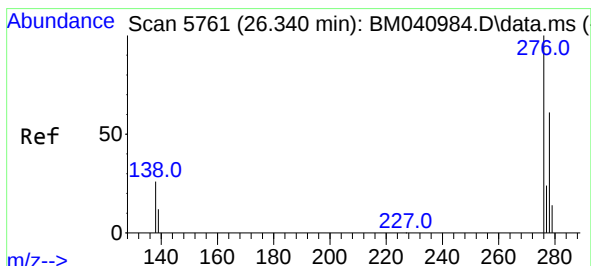
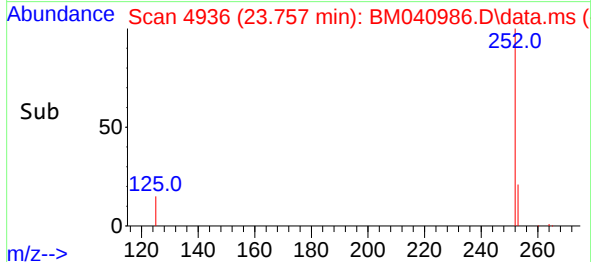
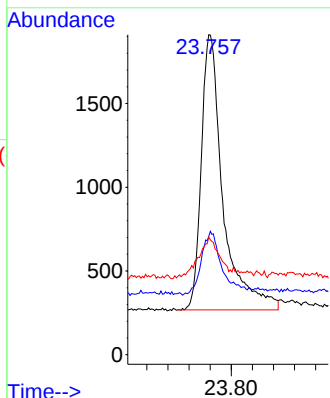
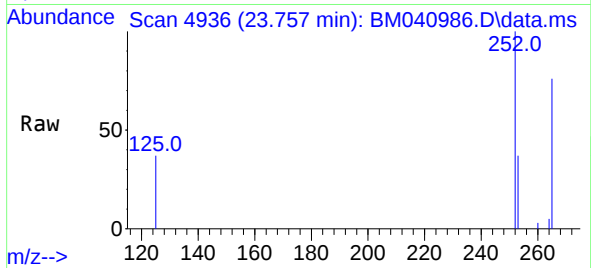
#26
Benzo(a)pyrene
Concen: 0.338 ng/ul
RT: 23.757 min Scan# 4936
Delta R.T. -0.006 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :
SLCS066

Tgt Ion:252 Resp: 469
Ion Ratio Lower Upper
252 100
253 37.0 28.2 42.2
125 36.7 25.2 37.8

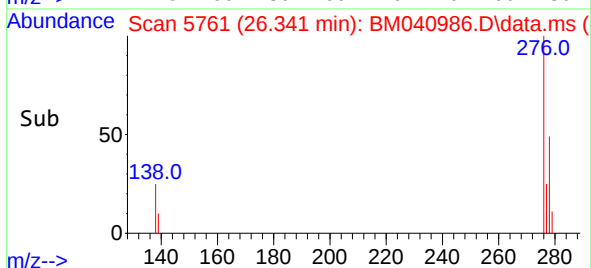
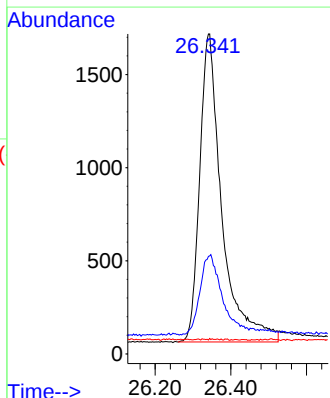
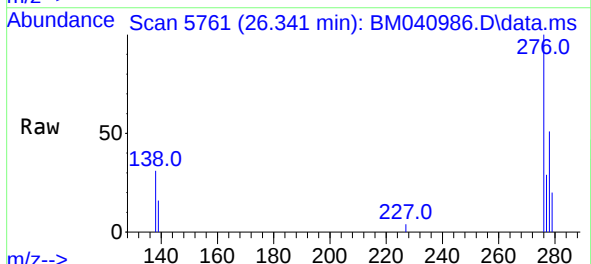
Manual Integrations
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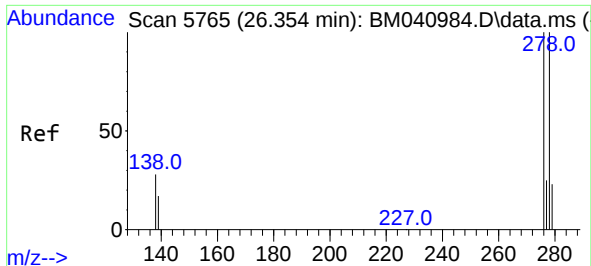
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.341 min Scan# 5761
Delta R.T. -0.010 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

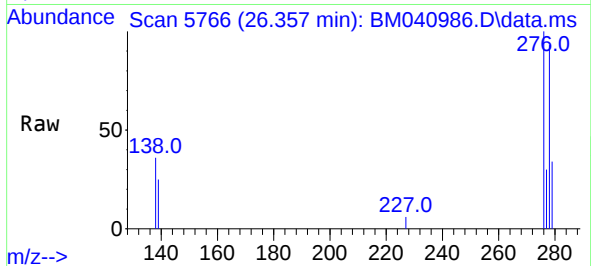
Tgt Ion:276 Resp: 6730
Ion Ratio Lower Upper
276 100
138 27.9 22.3 33.5
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 26.357 min Scan# 513
Delta R.T. -0.010 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59

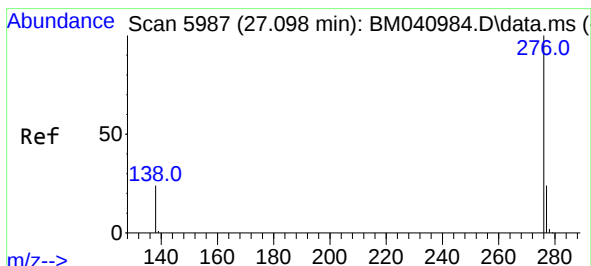
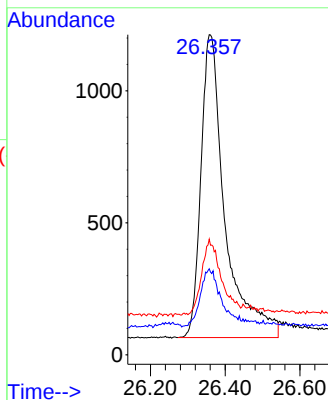
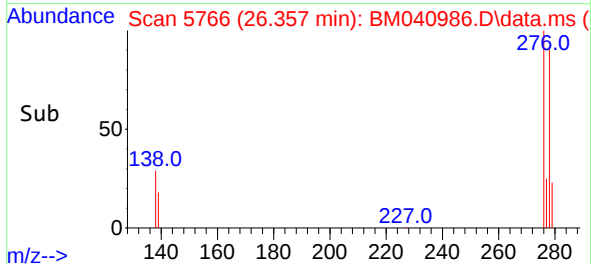
Instrument :
BNA_M
ClientSampleId :
SLCS066



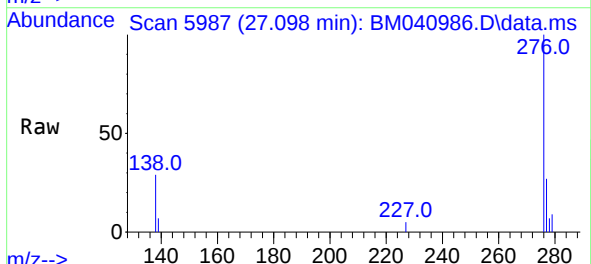
Tgt Ion:278 Resp: 513
Ion Ratio Lower Upper
278 100
139 26.9 19.2 28.8
279 36.1 27.0 40.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#29
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 27.098 min Scan# 5987
Delta R.T. -0.003 min
Lab File: BM040986.D
Acq: 20 Jul 2023 17:59



Tgt Ion:276 Resp: 6249
Ion Ratio Lower Upper
276 100
138 29.4 22.6 34.0
277 27.1 21.2 31.8

