

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
 Data File : BM040806.D
 Acq On : 11 Jul 2023 10:57
 Operator : MA/JU
 Sample : PB153941BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS941

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 04:32:52 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 : Tue Jul 11 03:54:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	2909	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	11267	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.532	164	4855	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	7681	0.400	ng/ul	0.00
17) Chrysene-d12	21.483	240	5091	0.400	ng/ul	0.00
23) Perylene-d12	23.880	264	3701	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2935	0.642	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	4457	0.282	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	5215	0.320	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	7066	1.519	ng/ul	90
5) Naphthalene	10.741	128	9052	0.291	ng/ul	98
7) 2-Methylnaphthalene	12.357	142	5078	0.278	ng/ul	97
8) 1-Methylnaphthalene	12.572	142	4792	0.263	ng/ul	98
10) Acenaphthylene	14.254	152	5962	0.275	ng/ul	94
11) Acenaphthene	14.597	153	5213	0.285	ng/ul	97
12) Fluorene	15.587	166	5359	0.274	ng/ul	96
14) Pentachlorophenol	16.949	266	325	0.220	ng/ul	87
15) Phenanthrene	17.333	178	6830	0.286	ng/ul	95
16) Anthracene	17.426	178	6085	0.303	ng/ul#	92
19) Fluoranthene	19.352	202	6726	0.311	ng/ul	97
20) Pyrene	19.710	202	7307	0.315	ng/ul	96
21) Benzo(a)anthracene	21.466	228	4556	0.265	ng/ul	97
22) Chrysene	21.518	228	5695	0.290	ng/ul	97
24) Benzo(b)fluoranthene	23.146	252	4357m	0.304	ng/ul	
25) Benzo(k)fluoranthene	23.190	252	5140m	0.364	ng/ul	
26) Benzo(a)pyrene	23.769	252	4084	0.317	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.361	276	4926	0.274	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.371	278	3848	0.274	ng/ul#	84
29) Benzo(g,h,i)perylene	27.115	276	4615	0.293	ng/ul	91

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

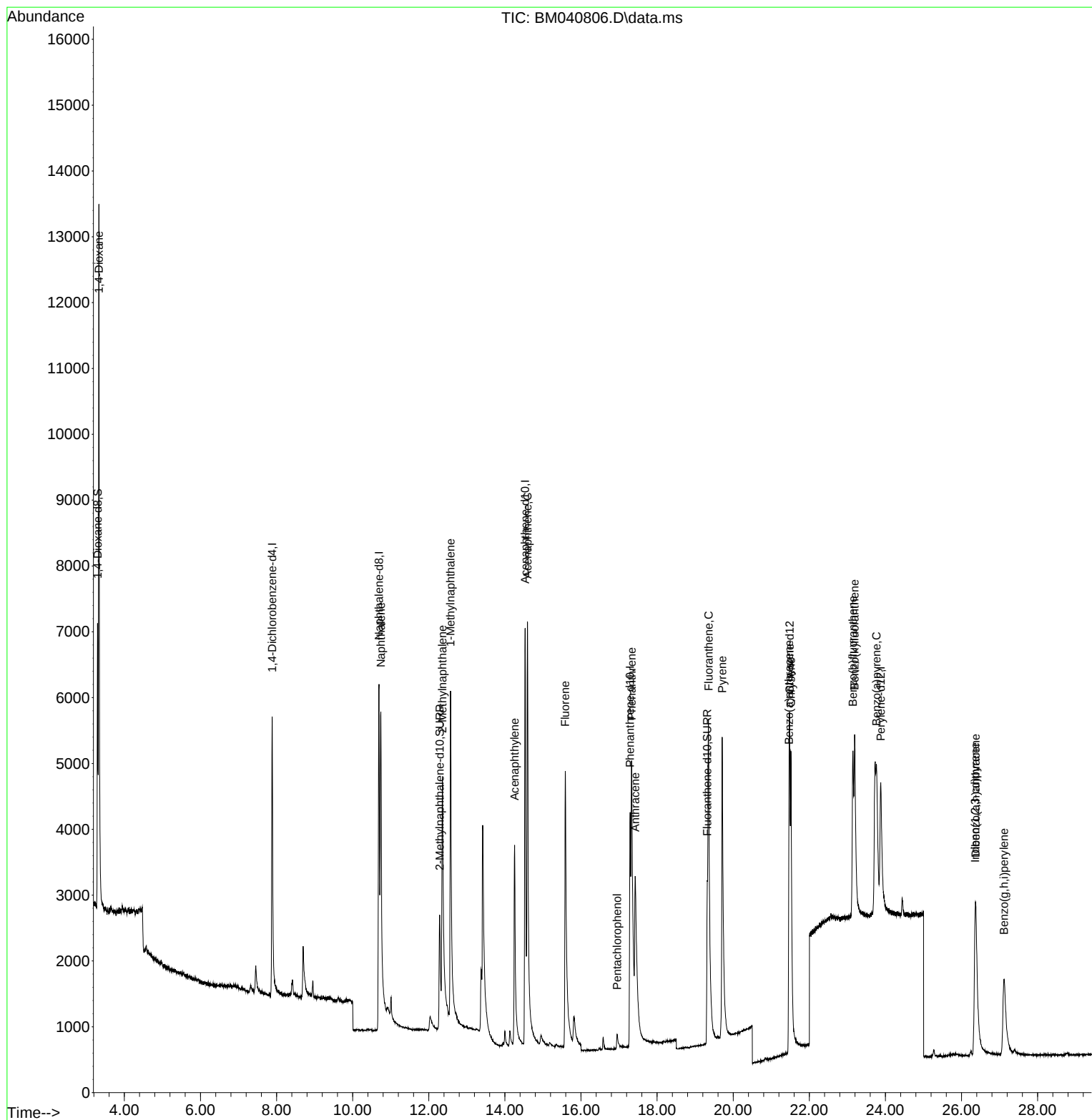
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
Data File : BM040806.D
Acq On : 11 Jul 2023 10:57
Operator : MA/JU
Sample : PB153941BS
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ALS Vial : 4 Sample Multiplier: 1

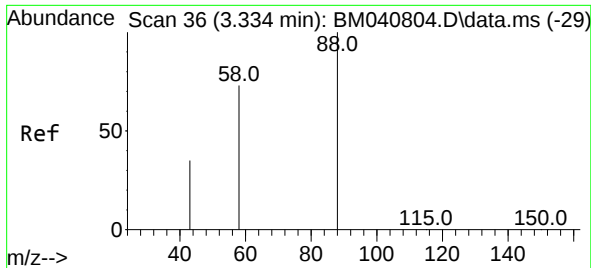
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Supervised By :mohammad ahmed 07/12/2023

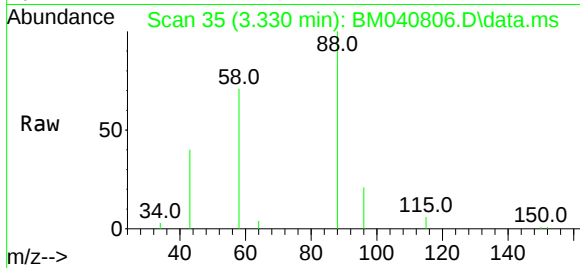
Quant Time: Jul 12 04:32:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 03:54:24 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.519 ng/ul
RT: 3.330 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

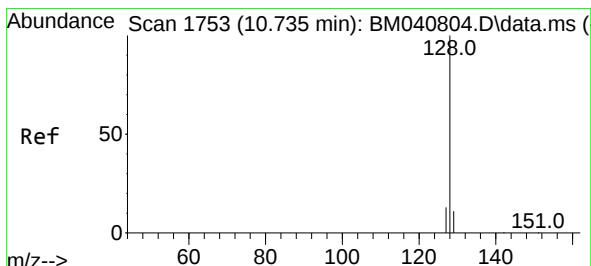
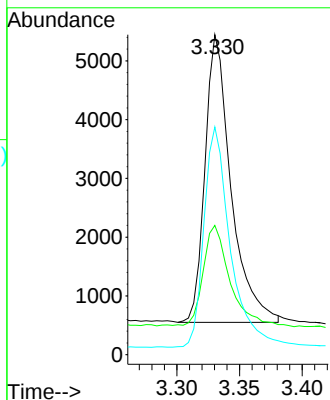
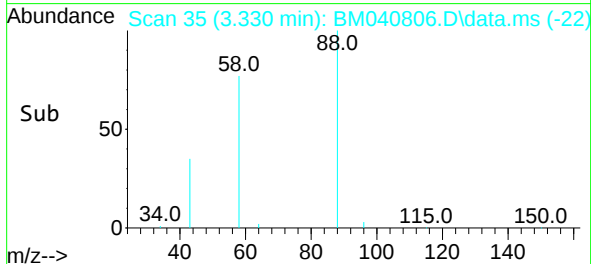
Instrument :
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Tgt Ion: 88 Resp: 7060
Ion Ratio Lower Upper
88 100
43 40.4 36.1 54.1
58 71.1 49.8 74.8

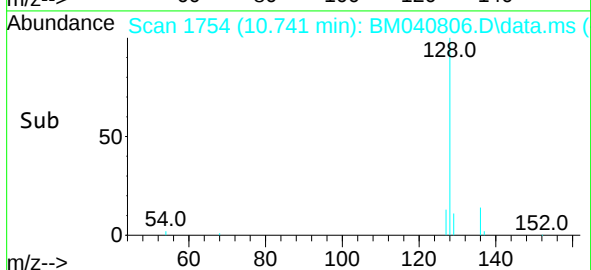
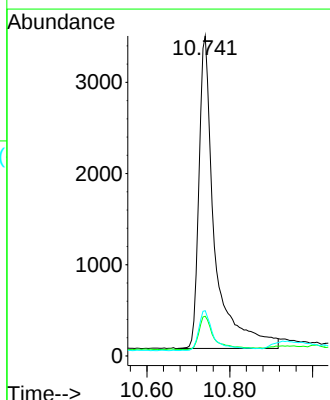
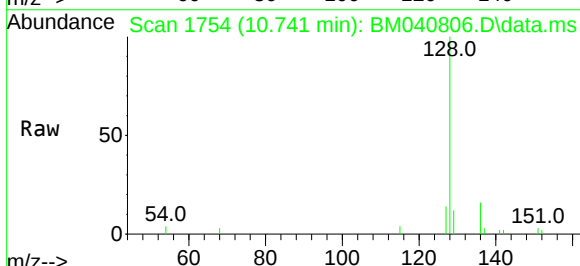
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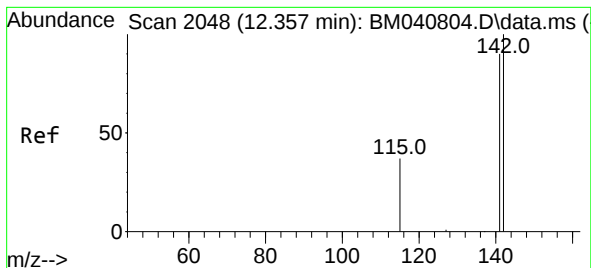
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#5
Naphthalene
Concen: 0.291 ng/ul
RT: 10.741 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

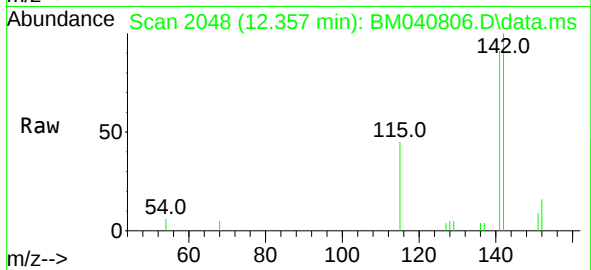
Tgt Ion:128 Resp: 9052
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 14.2 10.6 15.8





#7
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.357 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

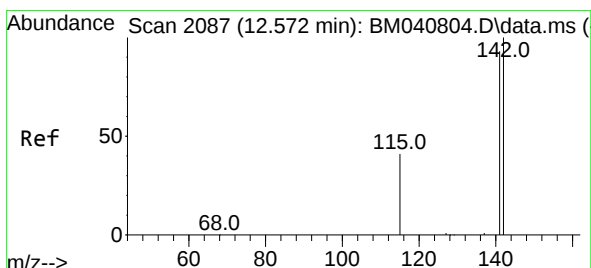
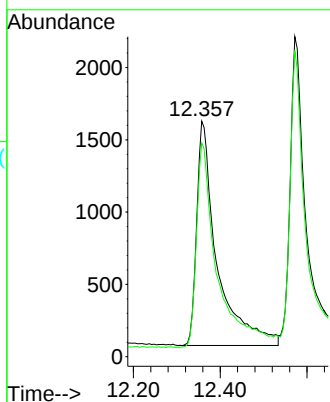
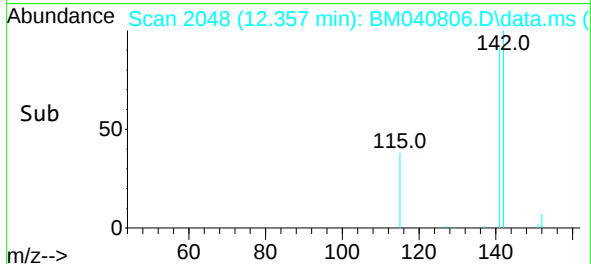
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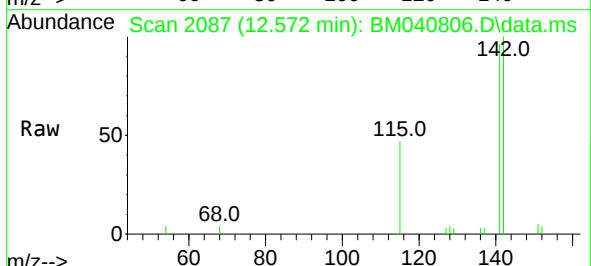
Tgt Ion:142 Resp: 5078
Ion Ratio Lower Upper
142 100
141 93.0 71.9 107.9

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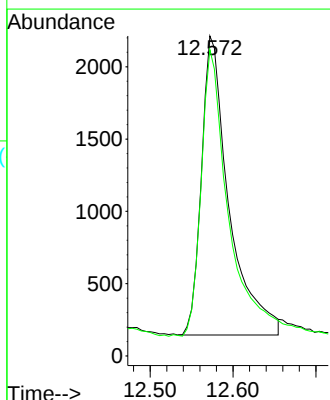
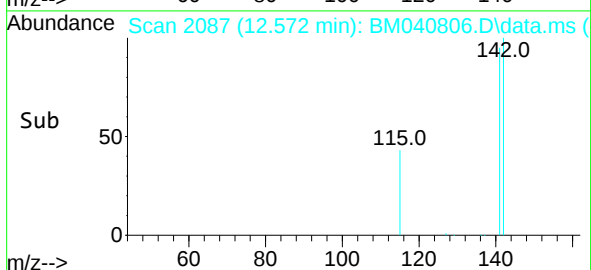
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

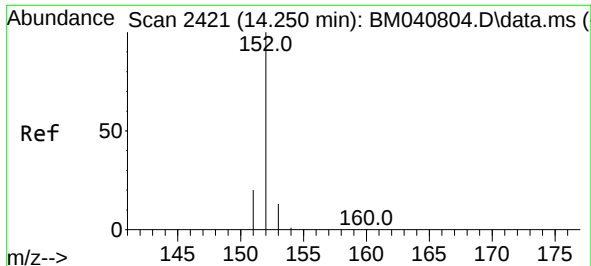


#8
1-Methylnaphthalene
Concen: 0.263 ng/ul
RT: 12.572 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57



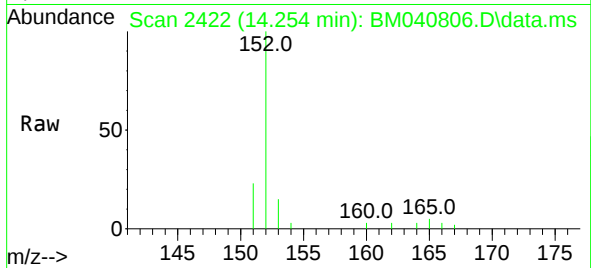
Tgt Ion:142 Resp: 4792
Ion Ratio Lower Upper
142 100
141 94.2 73.7 110.5





#10
Acenaphthylene
Concen: 0.275 ng/ul
RT: 14.254 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

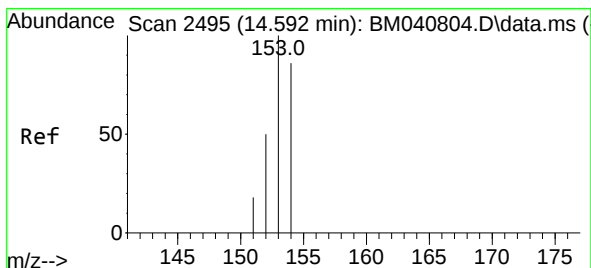
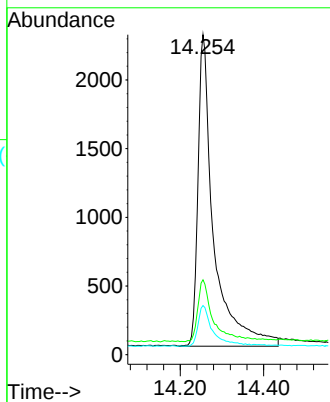
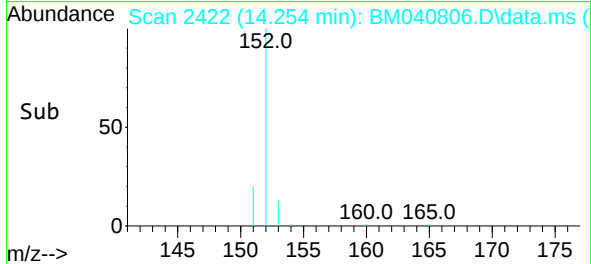
Instrument :
BNA_M
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Tgt Ion:152 Resp: 596
Ion Ratio Lower Upper
152 100
151 23.4 16.2 24.2
153 15.4 10.9 16.3

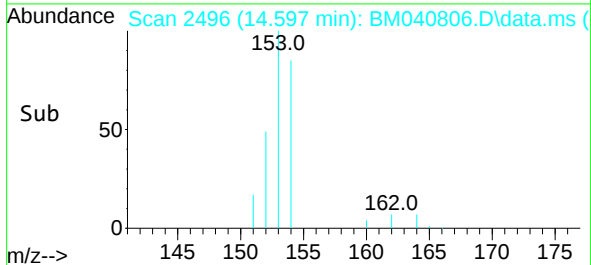
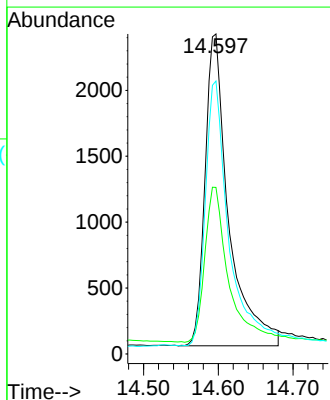
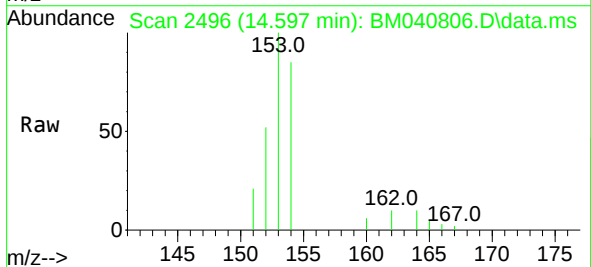
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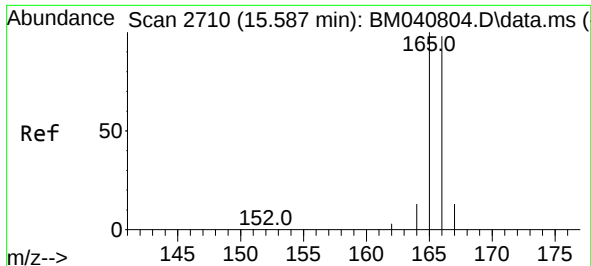
Reviewed By :Yogesh Patel 07/12/2023
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#11
Acenaphthene
Concen: 0.285 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

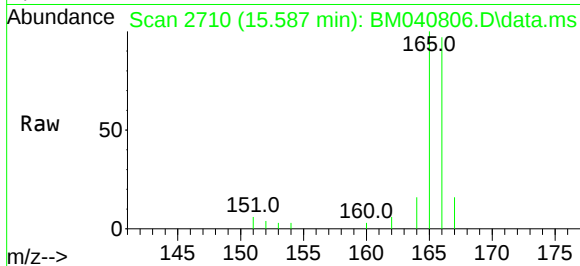
Tgt Ion:153 Resp: 5213
Ion Ratio Lower Upper
153 100
152 52.1 41.0 61.4
154 85.3 70.8 106.2





#12
Fluorene
Concen: 0.274 ng/ul
RT: 15.587 min Scan# 2710
Delta R.T. -0.004 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

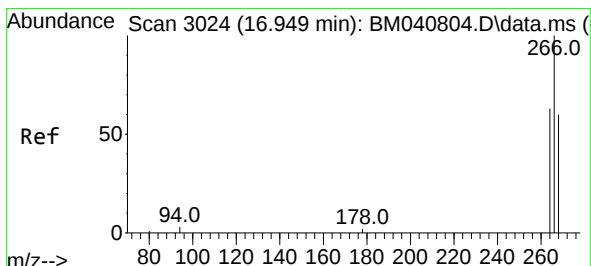
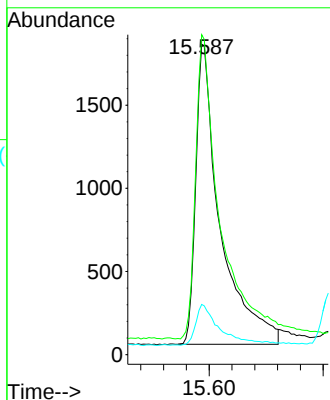
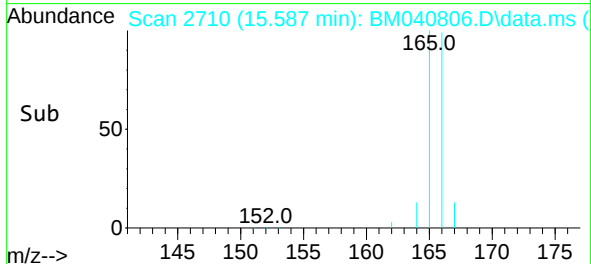
Instrument :
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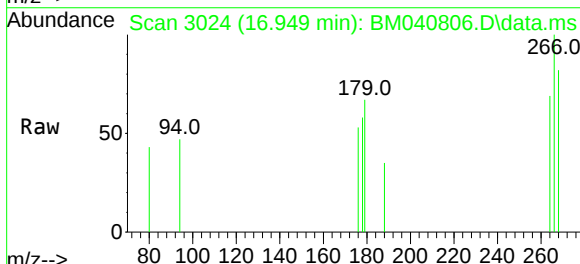
Tgt Ion:166 Resp: 535
Ion Ratio Lower Upper
166 100
165 103.1 79.6 119.4
167 16.2 11.4 17.0

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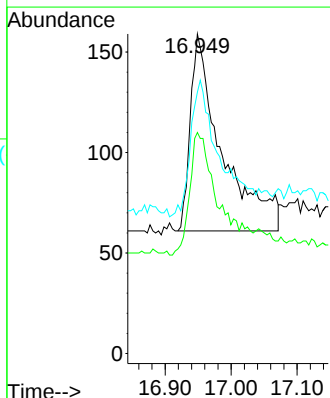
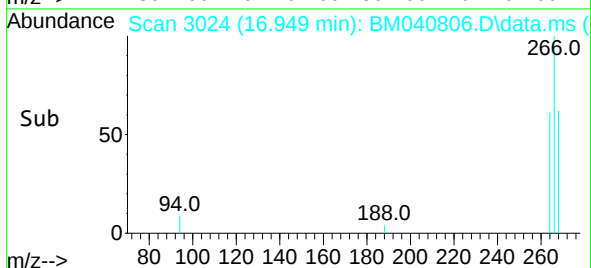
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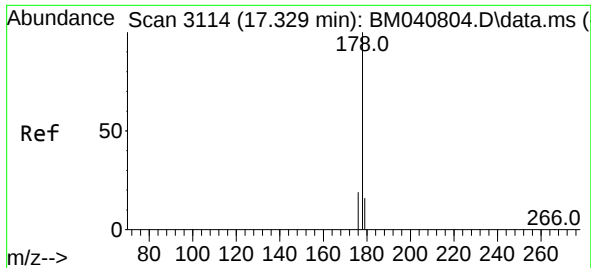


#14
Pentachlorophenol
Concen: 0.220 ng/ul
RT: 16.949 min Scan# 3024
Delta R.T. -0.008 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57



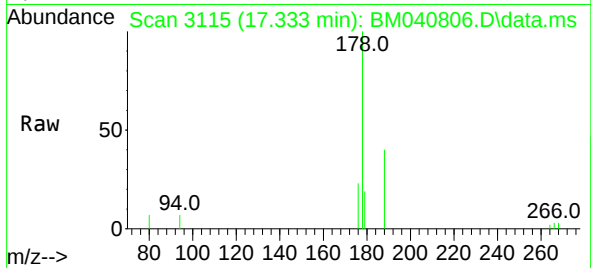
Tgt Ion:266 Resp: 325
Ion Ratio Lower Upper
266 100
264 64.6 45.4 68.0
268 70.8 47.2 70.8





#15
Phenanthrene
Concen: 0.286 ng/u1
RT: 17.333 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

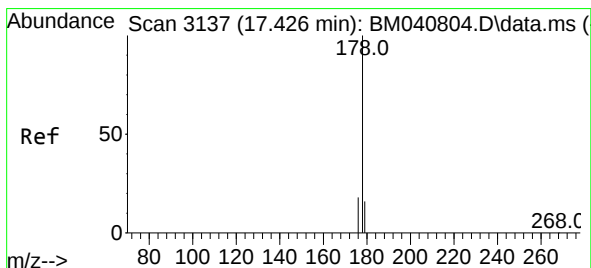
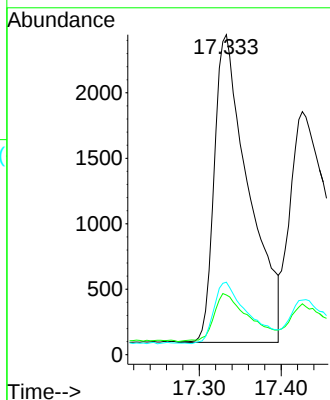
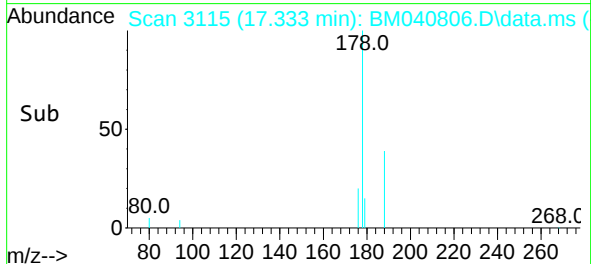
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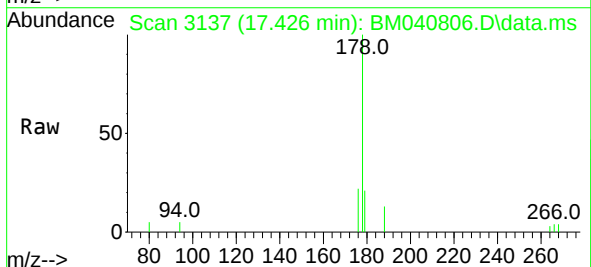
Tgt Ion:178 Resp: 6830
Ion Ratio Lower Upper
178 100
179 18.7 12.8 19.2
176 22.7 16.4 24.6

Manual Integrations
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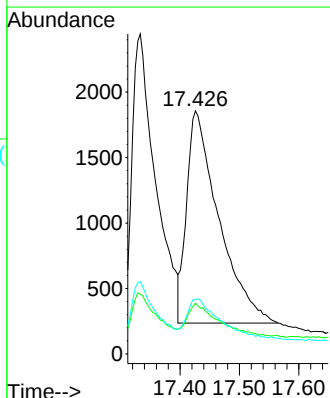
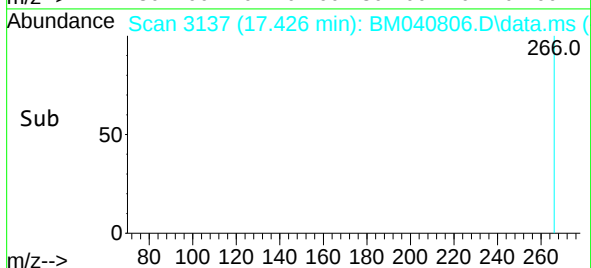
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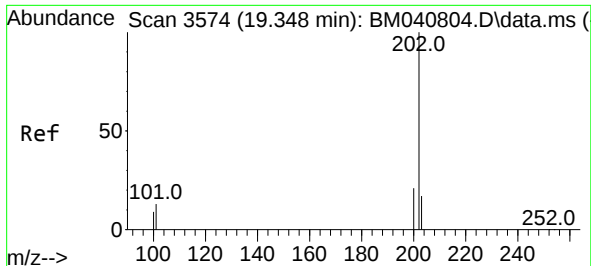


#16
Anthracene
Concen: 0.303 ng/u1
RT: 17.426 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57



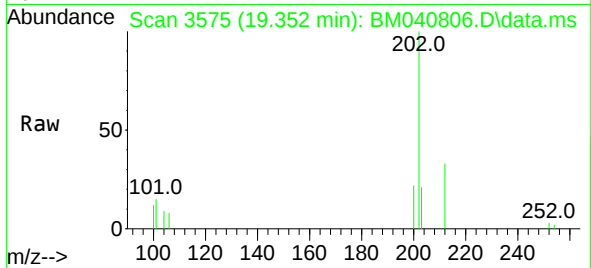
Tgt Ion:178 Resp: 6085
Ion Ratio Lower Upper
178 100
179 21.0 12.9 19.3#
176 22.5 15.8 23.6





#19
Fluoranthene
Concen: 0.311 ng/ul
RT: 19.352 min Scan# 3575
Delta R.T. 0.000 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

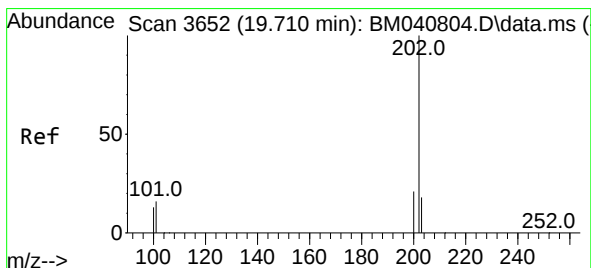
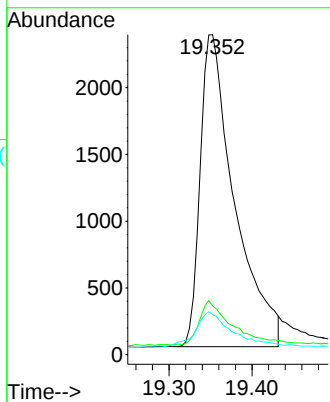
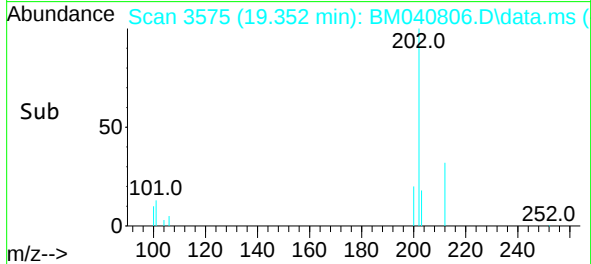
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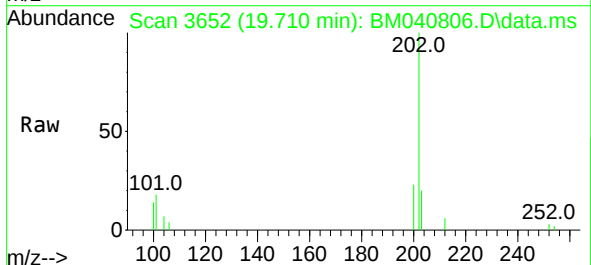
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Ion Ratio Lower Upper
202 100
101 15.2 11.4 17.0
100 12.5 8.7 13.1

Manual Integrations
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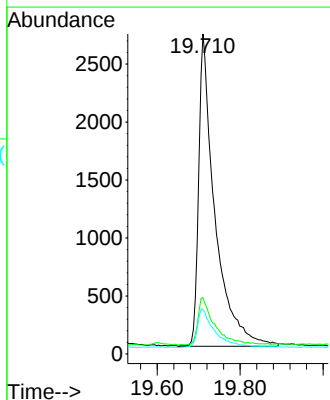
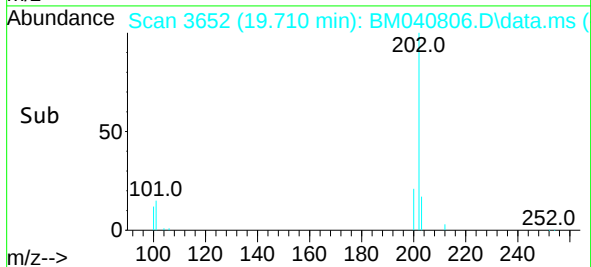
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

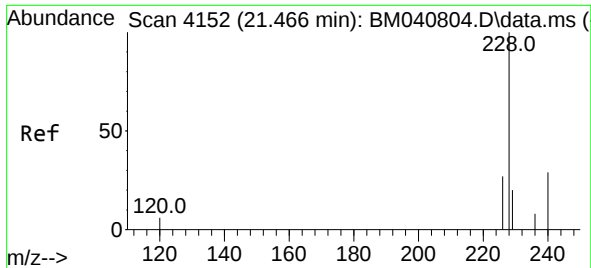


#20
Pyrene
Concen: 0.315 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.004 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57



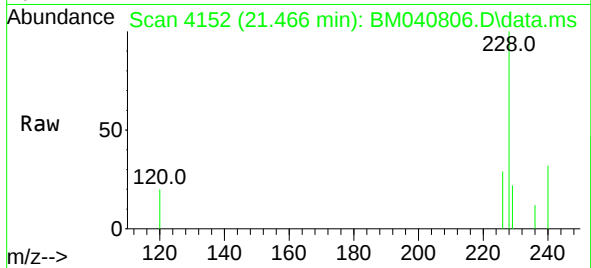
Tgt Ion:202 Resp: 7307
Ion Ratio Lower Upper
202 100
101 17.6 12.6 18.8
100 13.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.265 ng/u1
RT: 21.466 min Scan# 4152
Delta R.T. -0.003 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

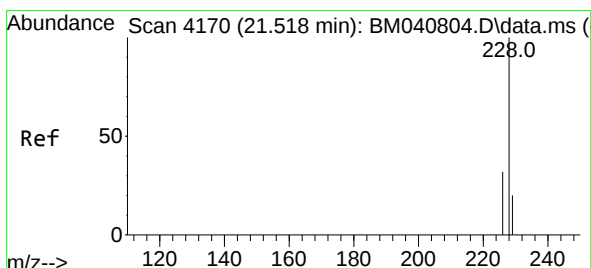
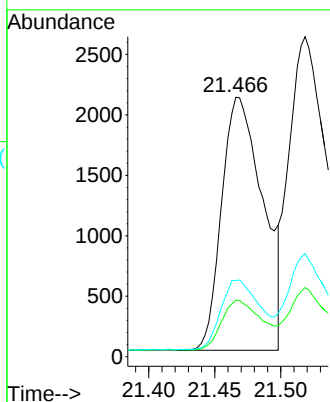
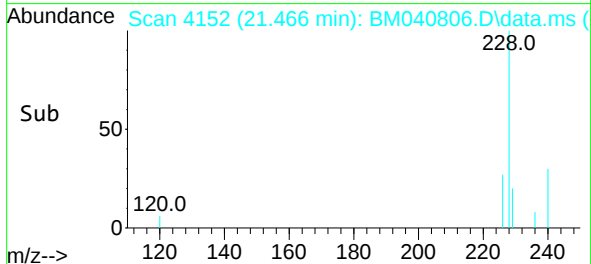
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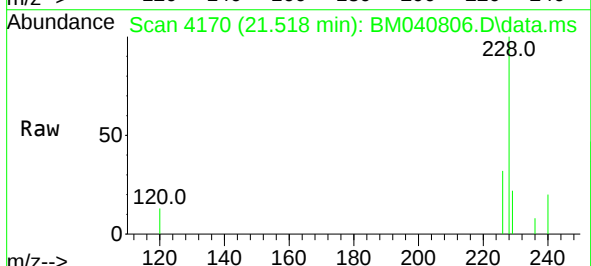
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Ion Ratio Lower Upper
228 100
229 21.8 16.0 24.0
226 29.4 22.3 33.5

Manual Integrations
APPROVED

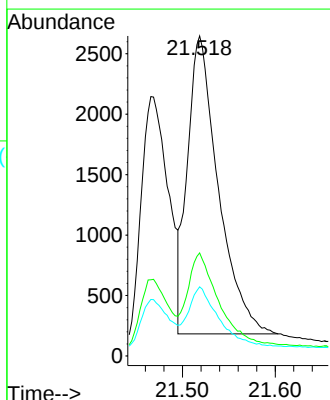
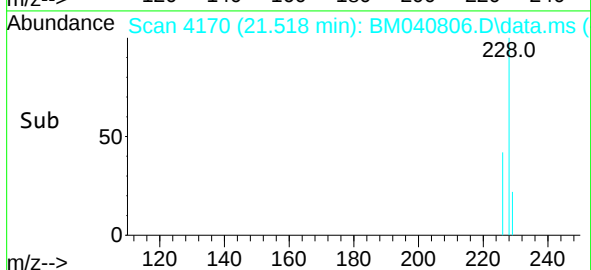
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

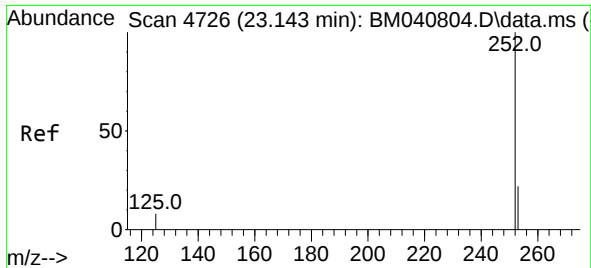


#22
Chrysene
Concen: 0.290 ng/u1
RT: 21.518 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57



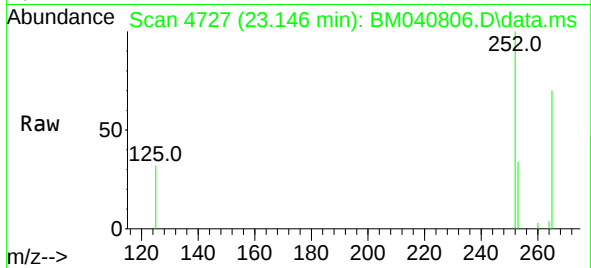
Tgt Ion:228 Resp: 5695
Ion Ratio Lower Upper
228 100
226 32.2 24.9 37.3
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul m
RT: 23.146 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

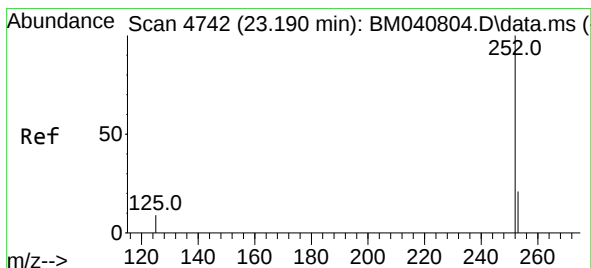
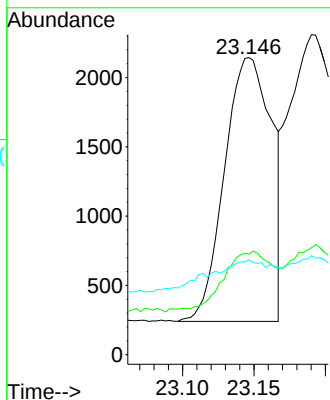
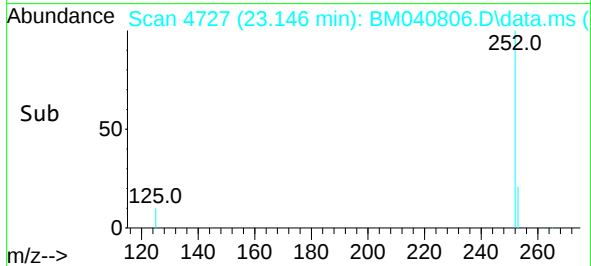
Instrument :
BNA_M
ClientSampleId :
SLCS941



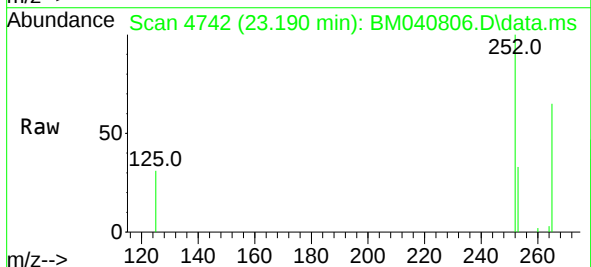
Tgt Ion:252 Resp: 435
Ion Ratio Lower Upper
252 100
253 33.8 0.0 52.8
125 31.9 0.0 43.0

Manual Integrations
APPROVED

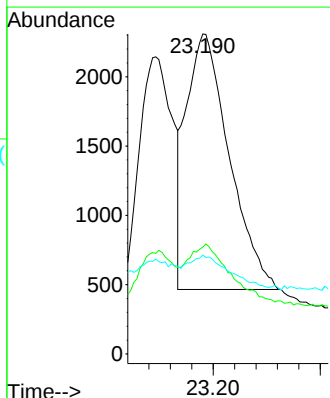
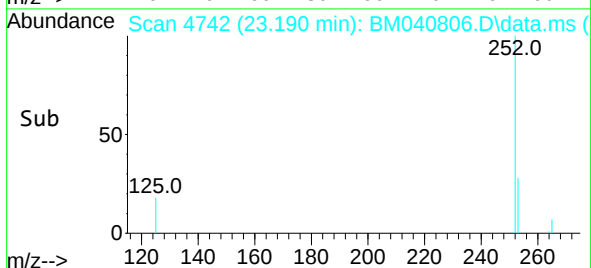
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

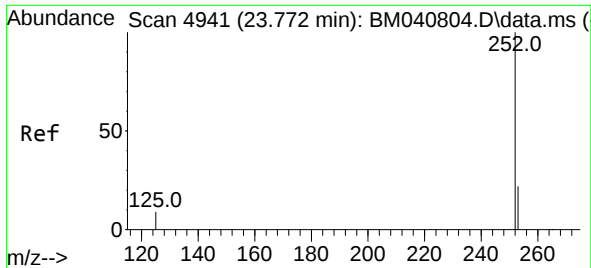


#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul m
RT: 23.190 min Scan# 4742
Delta R.T. -0.006 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57



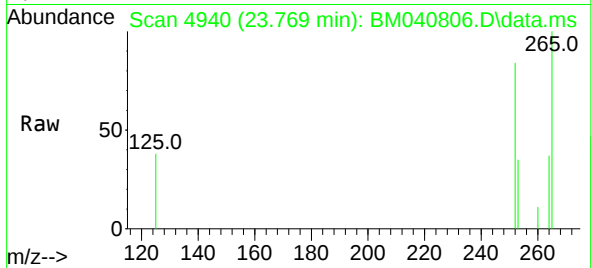
Tgt Ion:252 Resp: 5140
Ion Ratio Lower Upper
252 100
253 33.4 21.2 31.8#
125 30.9 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.317 ng/ul
RT: 23.769 min Scan# 4941
Delta R.T. -0.006 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57

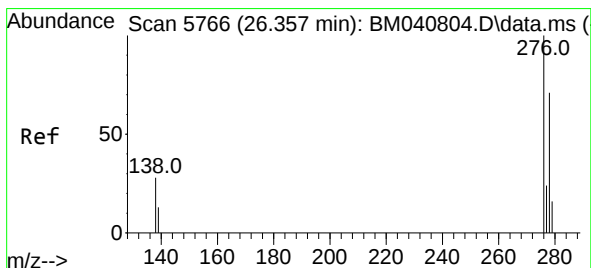
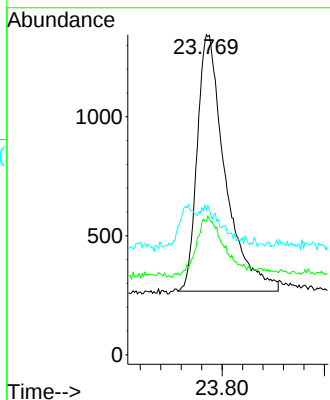
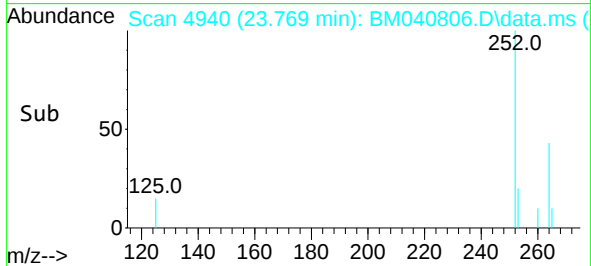
Instrument :
BNA_M
ClientSampleId :
SLCS941



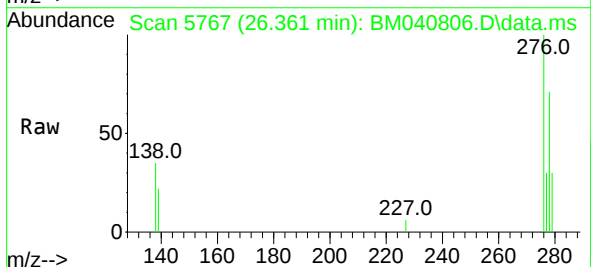
Tgt Ion:252 Resp: 4084
Ion Ratio Lower Upper
252 100
253 41.8 22.9 34.3
125 45.2 21.0 31.4

Manual Integrations
APPROVED

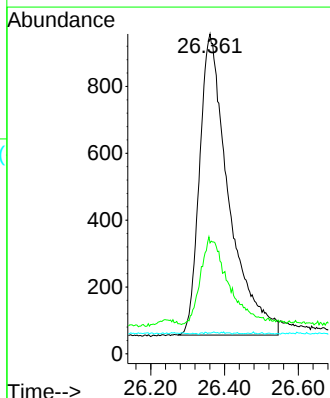
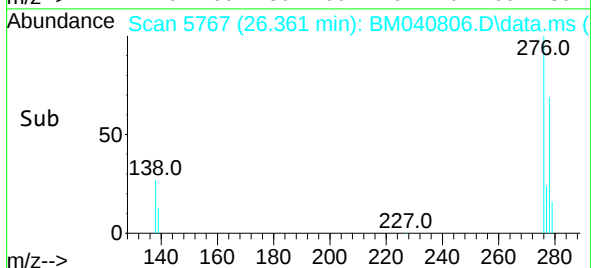
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

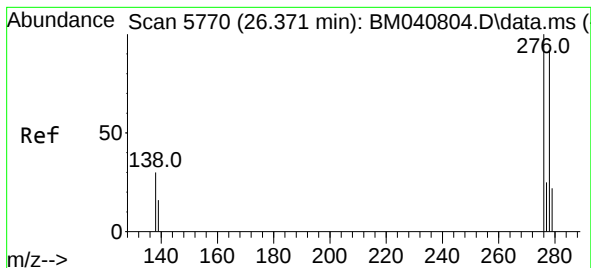


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.274 ng/ul
RT: 26.361 min Scan# 5767
Delta R.T. 0.000 min
Lab File: BM040806.D
Acq: 11 Jul 2023 10:57



Tgt Ion:276 Resp: 4926
Ion Ratio Lower Upper
276 100
138 27.5 24.5 36.7
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.274 ng/ul

RT: 26.371 min Scan# 51

Delta R.T. -0.003 min

Lab File: BM040806.D

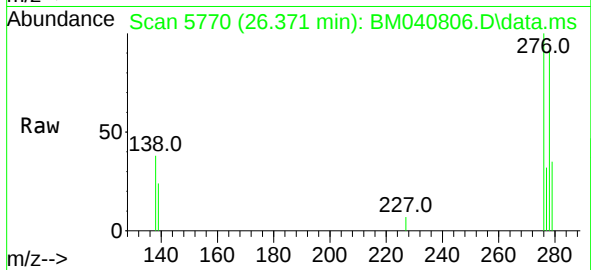
Acq: 11 Jul 2023 10:57

Instrument :

BNA_M

ClientSampleId :

SLCS941



Tgt Ion:278 Resp: 384

Ion Ratio Lower Upper

278 100

139 26.9 17.9 26.9

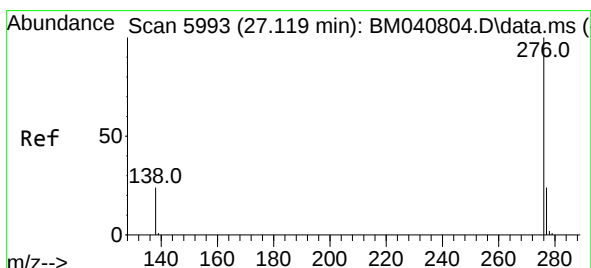
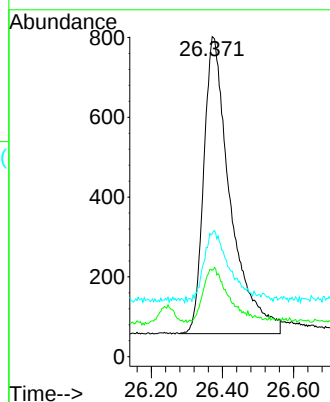
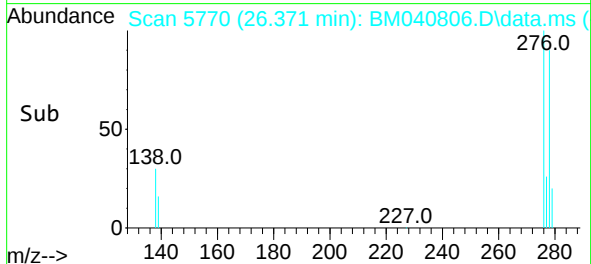
279 38.4 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#29

Benzo(g,h,i)perylene

Concen: 0.293 ng/ul

RT: 27.115 min Scan# 5992

Delta R.T. -0.003 min

Lab File: BM040806.D

Acq: 11 Jul 2023 10:57

Tgt Ion:276 Resp: 4615

Ion Ratio Lower Upper

276 100

138 33.7 23.0 34.6

277 29.9 20.3 30.5

