

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048187.D
 Acq On : 22 Oct 2024 11:43
 Operator : RC/JU
 Sample : PB164300BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS300

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 22 12:27:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 22 10:58:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	6376	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.550	136	20400	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.399	164	10654	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.140	188	20875m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.313	240	14996m	0.400	ng/ul	-0.02
23) Perylene-d12	23.575	264	15161m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.231	96	39986	4.613	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.140	152	7550m	0.266	ng/ul	-0.06
18) Fluoranthene-d10	19.164	212	15100	0.346	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.265	88	83606	8.212	ng/ul#	80
5) Naphthalene	10.600	128	1382709	24.940	ng/ul	96
7) 2-Methylnaphthalene	12.217	142	881852	27.801	ng/ul	97
8) 1-Methylnaphthalene	12.437	142	845246	23.154	ng/ul	98
10) Acenaphthylene	14.117	152	1275922	25.926	ng/ul	97
11) Acenaphthene	14.459	153	875698	24.898	ng/ul	98
12) Fluorene	15.449	166	972348	25.807	ng/ul	97
14) Pentachlorophenol	16.798	266	261808m	37.350	ng/ul	
15) Phenanthrene	17.182	178	1484894m	28.147	ng/ul	
16) Anthracene	17.271	178	1467589m	29.404	ng/ul	
19) Fluoranthene	19.196	202	1703953	28.949	ng/ul	97
20) Pyrene	19.559	202	1742103	27.528	ng/ul	99
21) Benzo(a)anthracene	21.295	228	1602483	34.690	ng/ul	99
22) Chrysene	21.348	228	1512553	21.504	ng/ul	99
24) Benzo(b)fluoranthene	22.891	252	1592471	27.413	ng/ul	81
25) Benzo(k)fluoranthene	22.935	252	1588578	22.591	ng/ul#	82
26) Benzo(a)pyrene	23.473	252	1492882	30.857	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.870	276	1909499	26.338	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.877	278	1493851	26.977	ng/ul#	84
29) Benzo(g,h,i)perylene	26.571	276	1540461	25.435	ng/ul	95

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

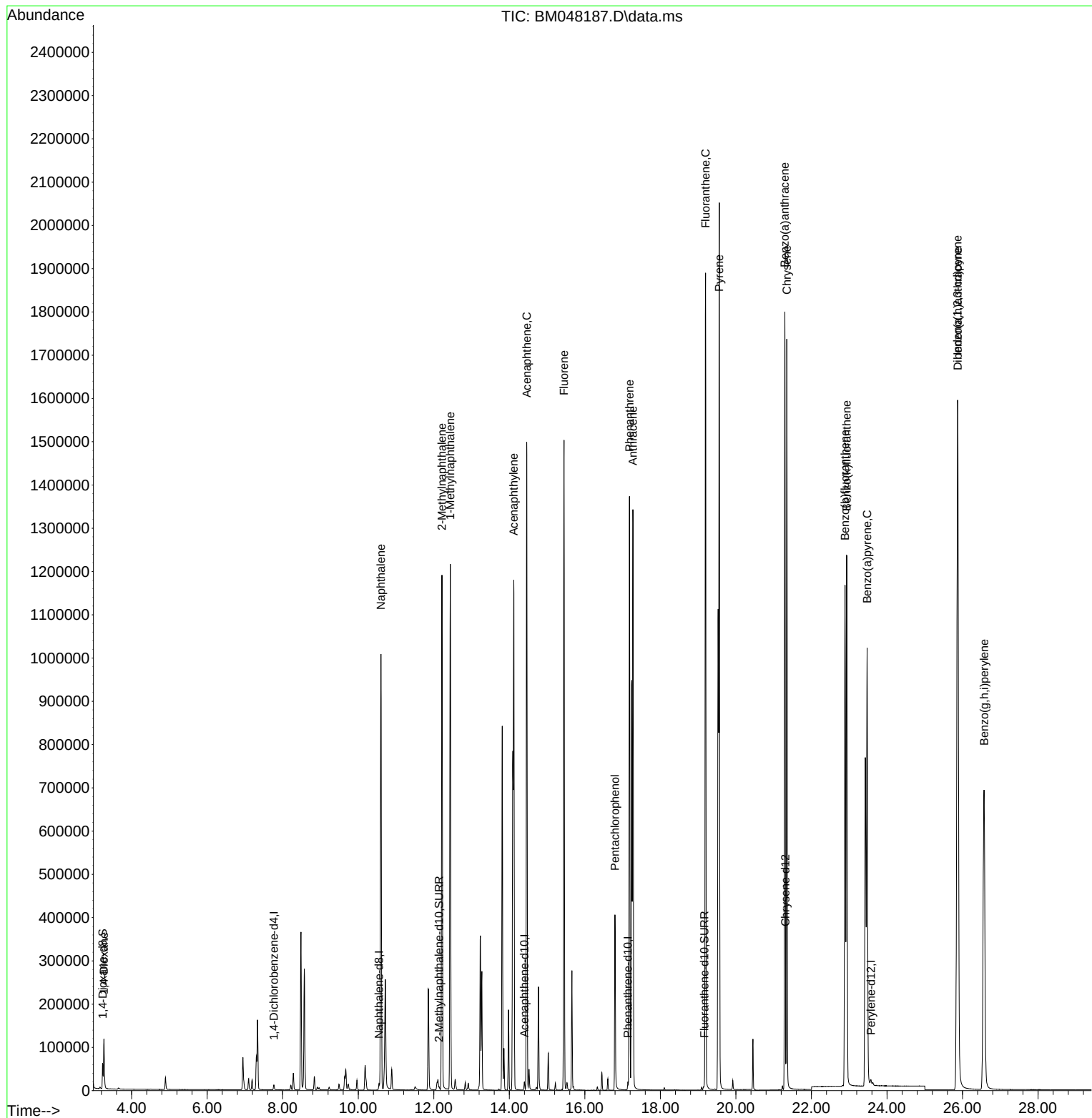
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048187.D
Acq On : 22 Oct 2024 11:43
Operator : RC/JU
Sample : PB164300BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

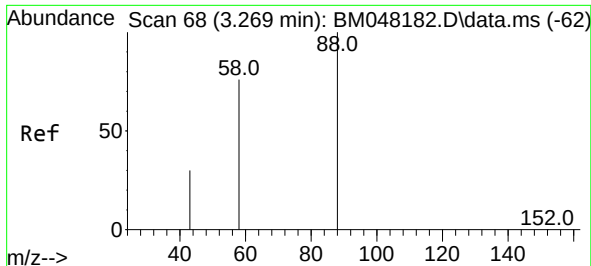
Instrument :
BNA_M
ClientSampleId :
SLCS300

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024

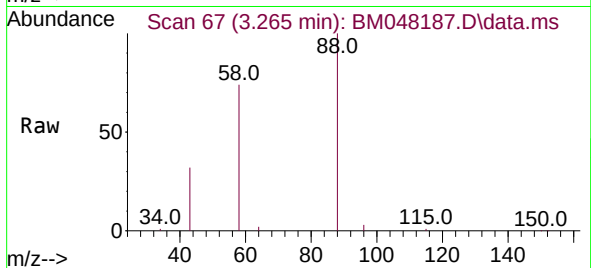
Quant Time: Oct 22 12:27:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 8.212 ng/ul
RT: 3.265 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

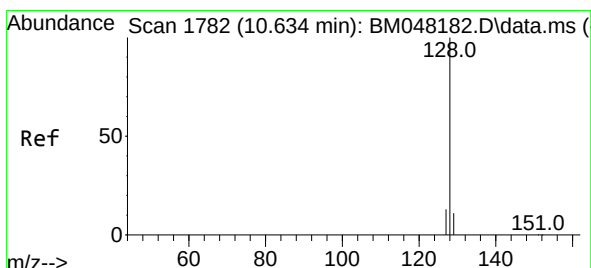
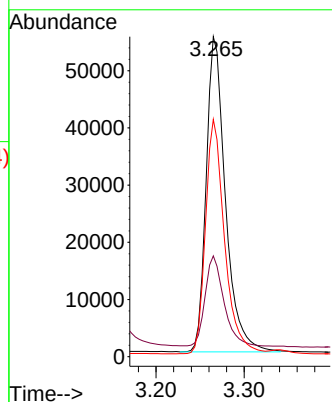
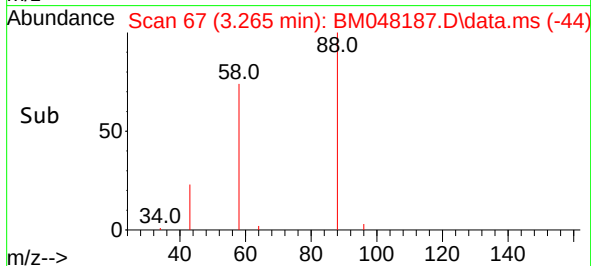
Instrument :
BNA_M
ClientSampleId :
SLCS300



Tgt Ion: 88 Resp: 83600
Ion Ratio Lower Upper
88 100
43 31.5 27.7 41.5
58 74.2 42.5 63.7

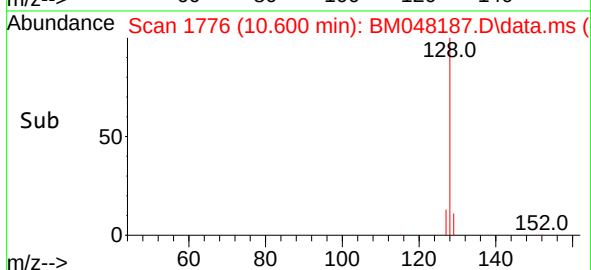
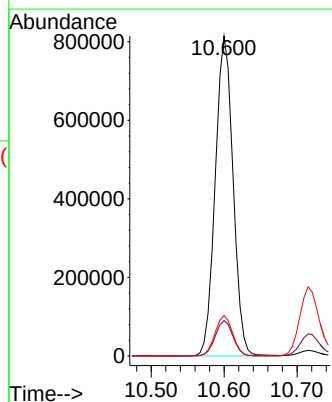
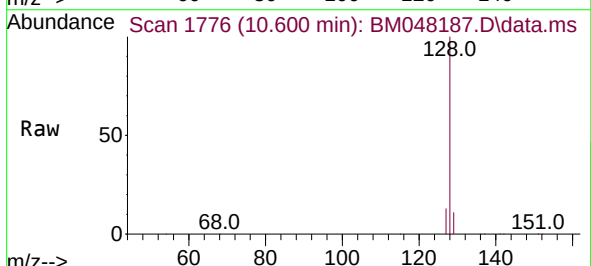
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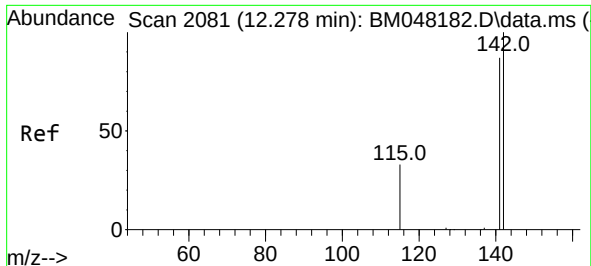
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#5
Naphthalene
Concen: 24.940 ng/ul
RT: 10.600 min Scan# 1776
Delta R.T. -0.034 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

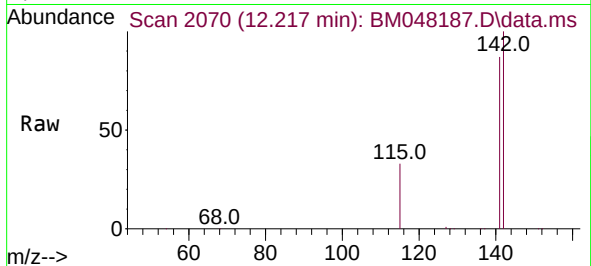
Tgt Ion:128 Resp: 1382709
Ion Ratio Lower Upper
128 100
129 11.0 10.6 15.8
127 12.6 11.3 16.9





#7
2-Methylnaphthalene
Concen: 27.801 ng/ul
RT: 12.217 min Scan# 2081
Delta R.T. -0.062 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

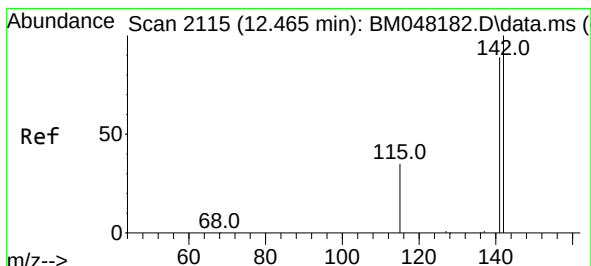
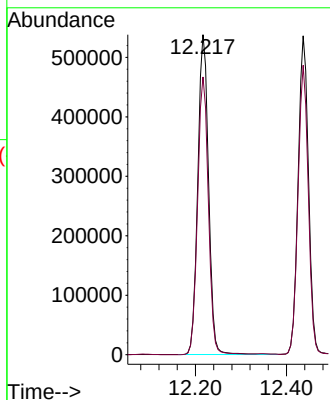
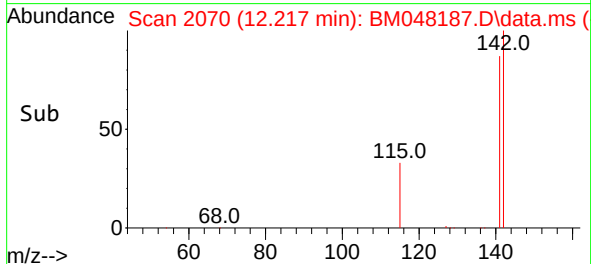
Instrument :
BNA_M
ClientSampleId :
SLCS300



Tgt Ion:142 Resp: 88185
Ion Ratio Lower Upper
142 100
141 87.0 71.9 107.9

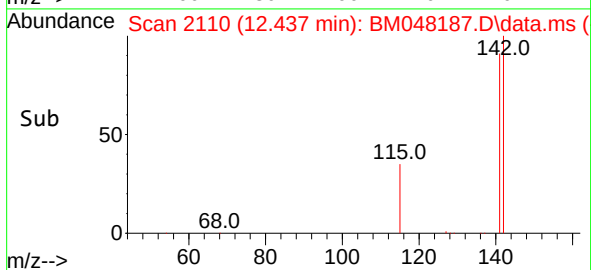
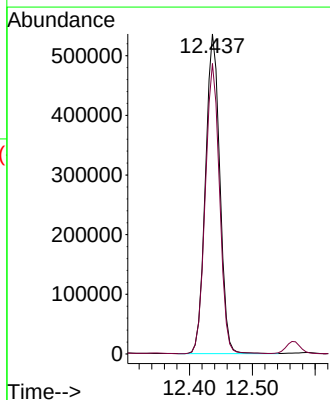
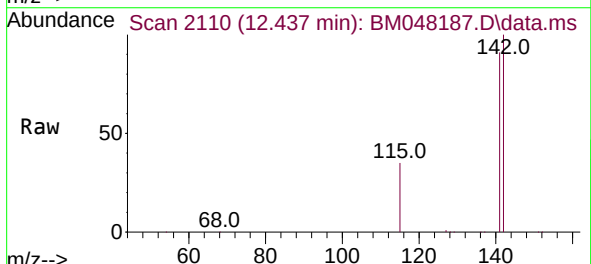
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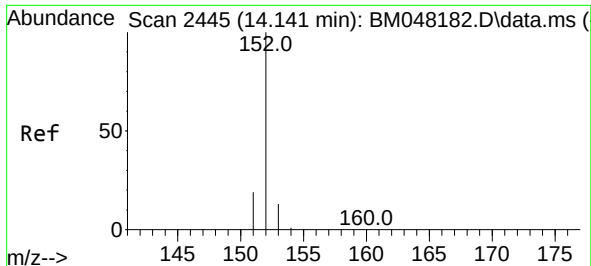
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#8
1-Methylnaphthalene
Concen: 23.154 ng/ul
RT: 12.437 min Scan# 2110
Delta R.T. -0.029 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

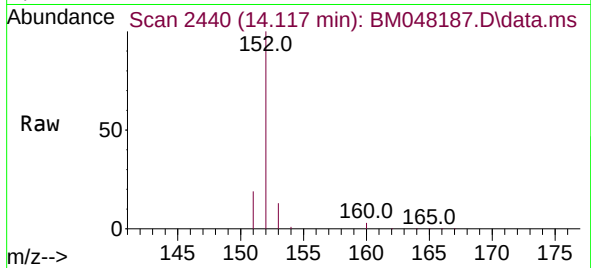
Tgt Ion:142 Resp: 845246
Ion Ratio Lower Upper
142 100
141 90.3 73.8 110.6





#10
Acenaphthylene
Concen: 25.926 ng/ul
RT: 14.117 min Scan# 2445
Delta R.T. -0.024 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

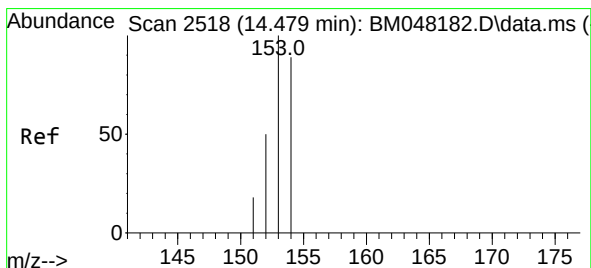
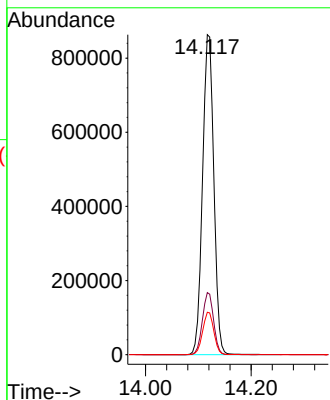
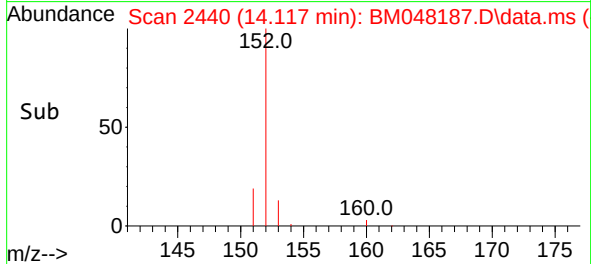
Instrument :
BNA_M
ClientSampleId :
SLCS300



Tgt Ion:152 Resp: 127592
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.4
153 13.2 11.7 17.5

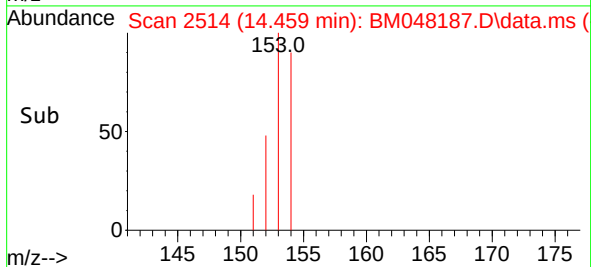
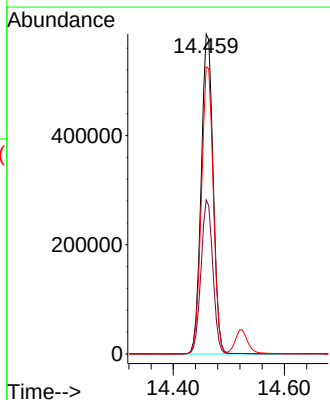
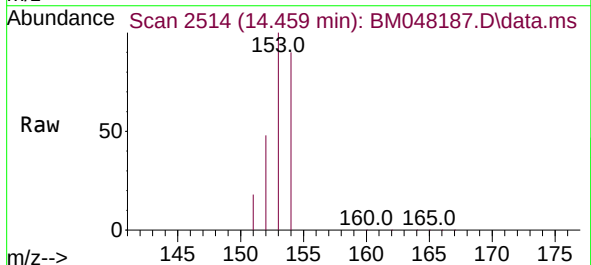
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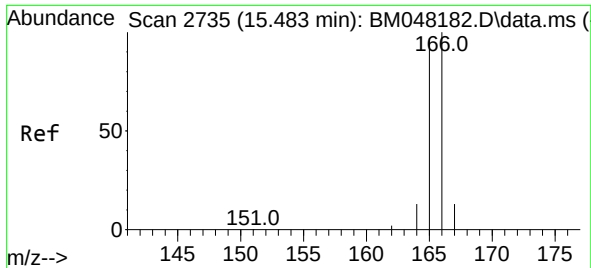
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#11
Acenaphthene
Concen: 24.898 ng/ul
RT: 14.459 min Scan# 2514
Delta R.T. -0.020 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

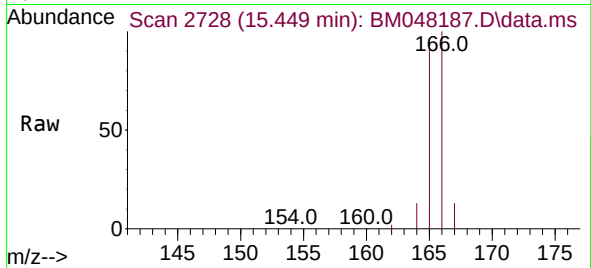
Tgt Ion:153 Resp: 875698
Ion Ratio Lower Upper
153 100
152 48.1 40.9 61.3
154 89.8 71.0 106.4





#12
Fluorene
Concen: 25.807 ng/ul
RT: 15.449 min Scan# 21
Delta R.T. -0.034 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

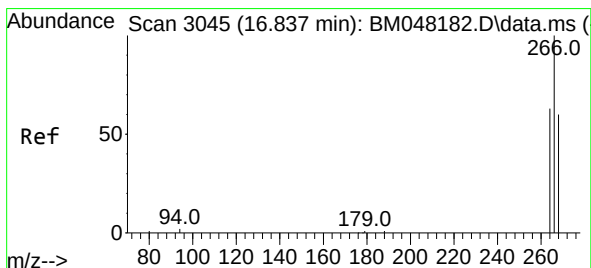
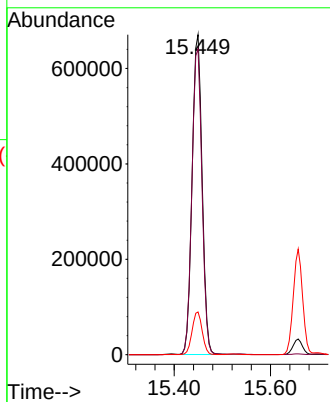
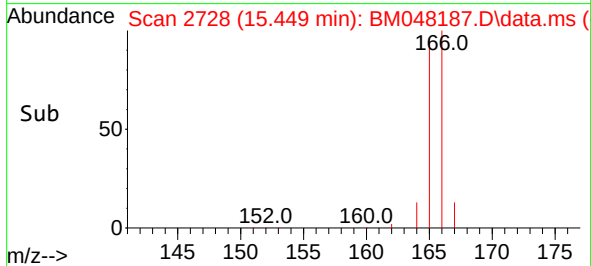
Instrument :
BNA_M
ClientSampleId :
SLCS300



Tgt Ion:166 Resp: 972348
Ion Ratio Lower Upper
166 100
165 95.5 79.1 118.7
167 13.4 12.0 18.0

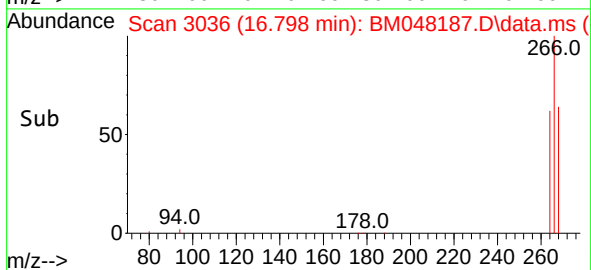
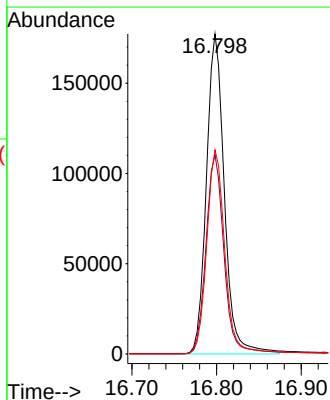
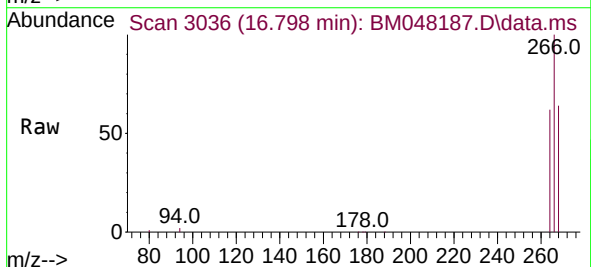
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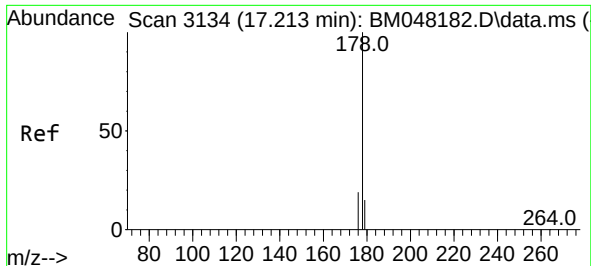
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#14
Pentachlorophenol
Concen: 37.350 ng/ul m
RT: 16.798 min Scan# 3036
Delta R.T. -0.039 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

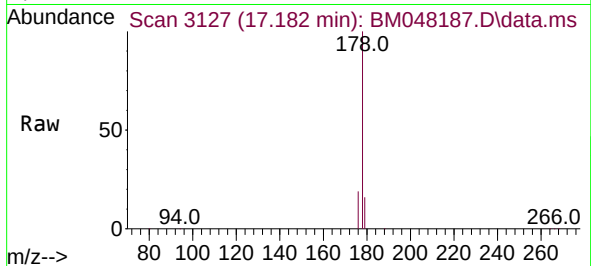
Tgt Ion:266 Resp: 261808
Ion Ratio Lower Upper
266 100
264 0.0 50.2 75.2#
268 0.0 51.8 77.6#





#15
Phenanthrene
Concen: 28.147 ng/ul m
RT: 17.182 min Scan# 3127
Delta R.T. -0.031 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

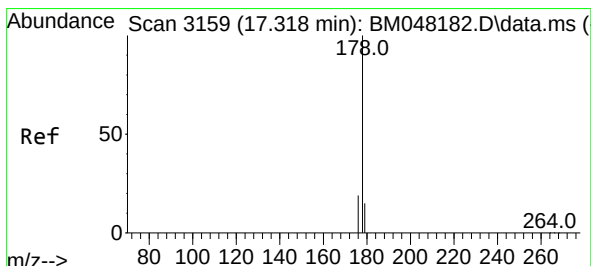
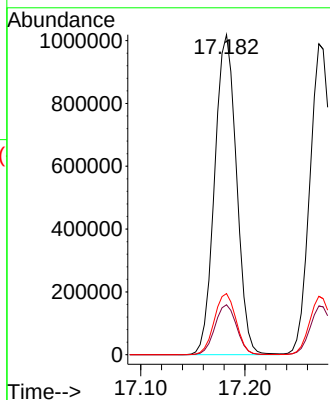
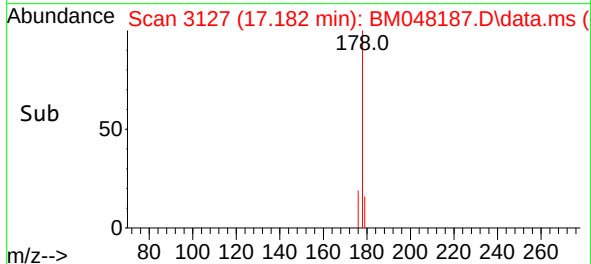
Instrument :
BNA_M
ClientSampleId :
SLCS300



Tgt Ion:178 Resp: 1484894
Ion Ratio Lower Upper
178 100
179 15.6 13.2 19.8
176 19.1 16.0 24.0

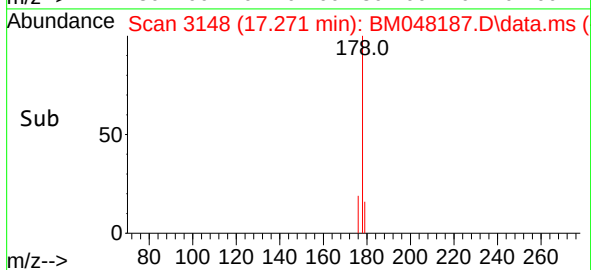
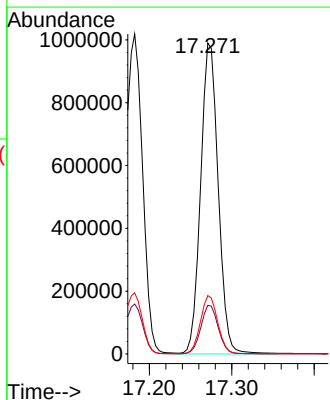
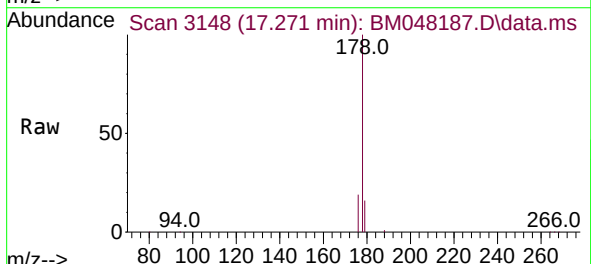
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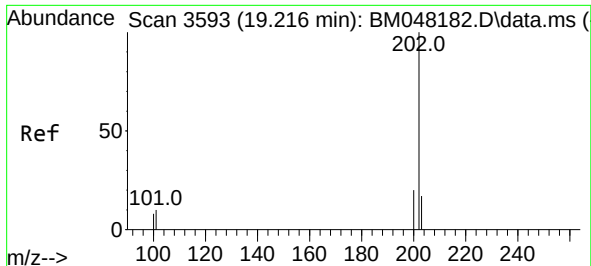
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#16
Anthracene
Concen: 29.404 ng/ul m
RT: 17.271 min Scan# 3148
Delta R.T. -0.048 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

Tgt Ion:178 Resp: 1467589
Ion Ratio Lower Upper
178 100
179 15.6 14.5 21.7
176 18.8 16.0 24.0





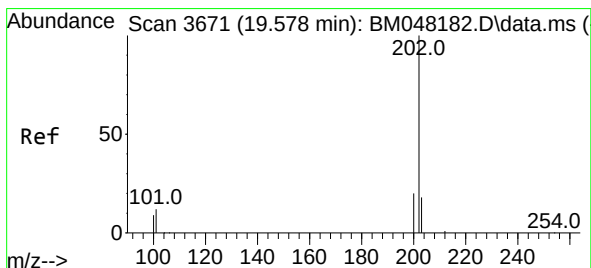
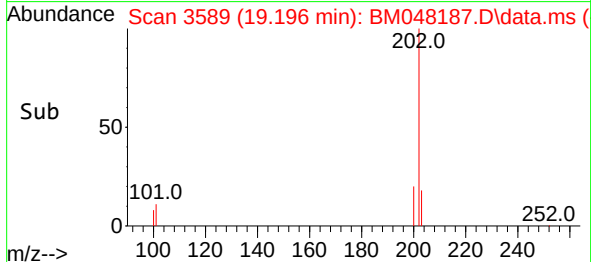
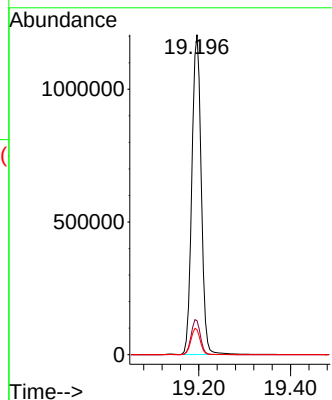
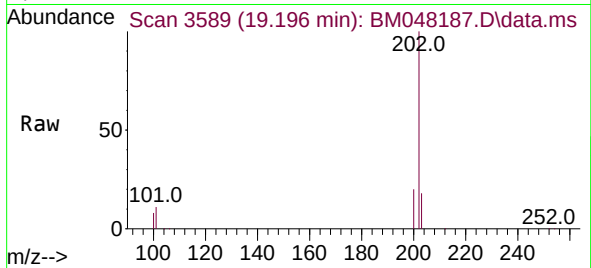
#19
Fluoranthene
Concen: 28.949 ng/ul
RT: 19.196 min Scan# 3589
Delta R.T. -0.020 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

Instrument :
BNA_M
ClientSampleId :
SLCS300

Tgt Ion:202 Resp: 170395
Ion Ratio Lower Upper
202 100
101 10.6 9.3 13.9
100 7.9 7.1 10.7

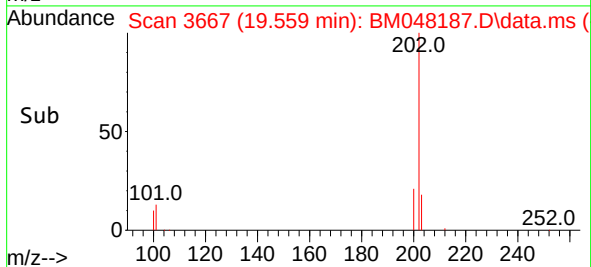
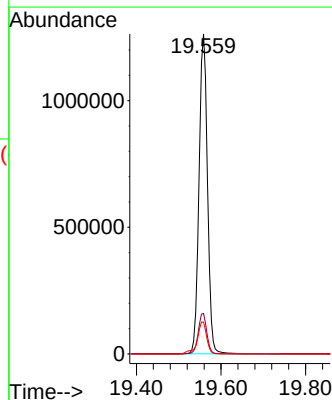
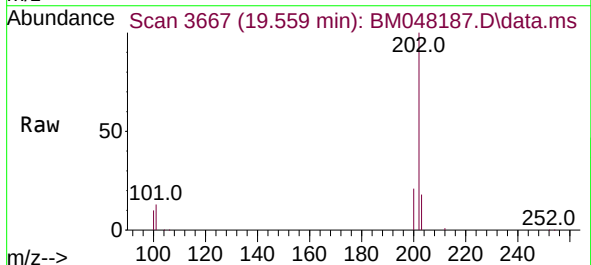
Manual Integrations
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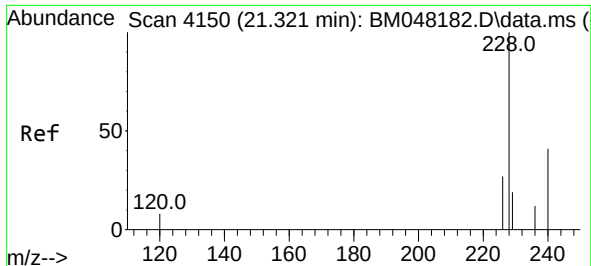
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#20
Pyrene
Concen: 27.528 ng/ul
RT: 19.559 min Scan# 3667
Delta R.T. -0.020 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

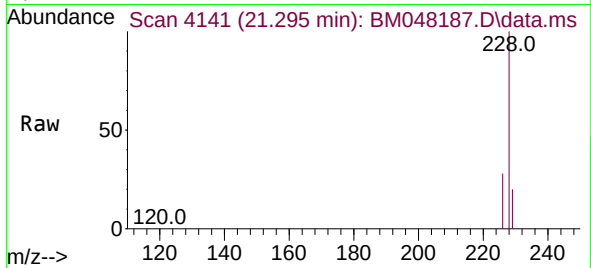
Tgt Ion:202 Resp: 1742103
Ion Ratio Lower Upper
202 100
101 12.7 10.6 16.0
100 9.9 8.1 12.1





#21
Benzo(a)anthracene
Concen: 34.690 ng/u1
RT: 21.295 min Scan# 4150
Delta R.T. -0.026 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

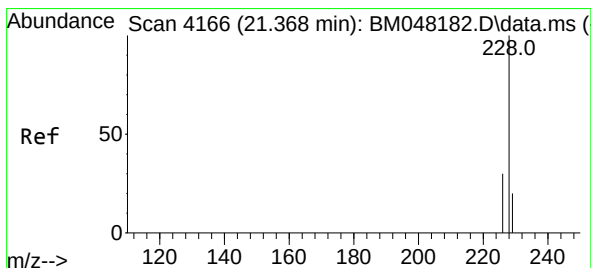
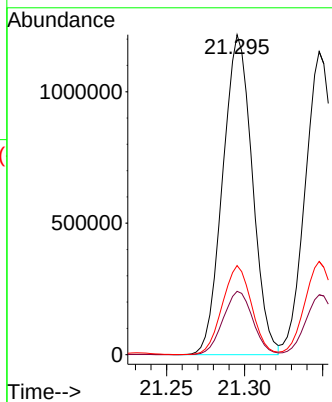
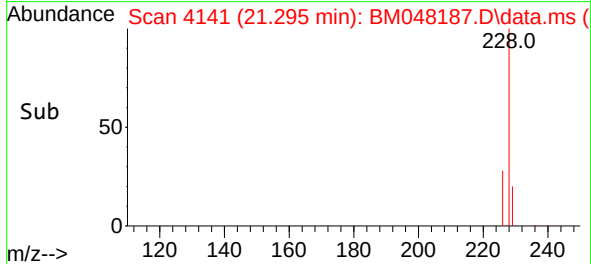
Instrument :
BNA_M
ClientSampleId :
SLCS300



Tgt Ion:228 Resp: 1602483
Ion Ratio Lower Upper
228 100
229 19.8 16.4 24.6
226 27.9 22.5 33.7

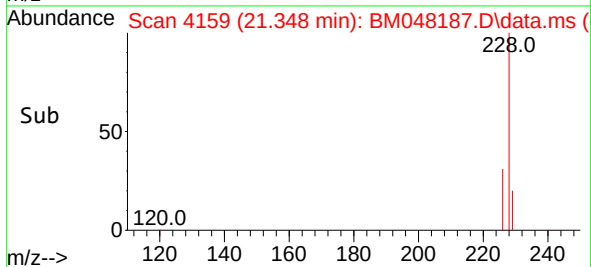
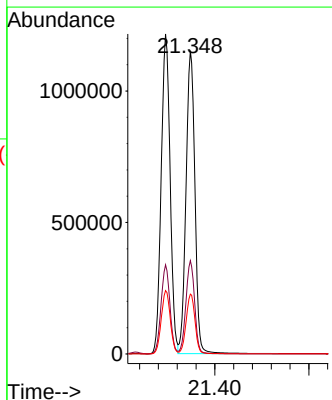
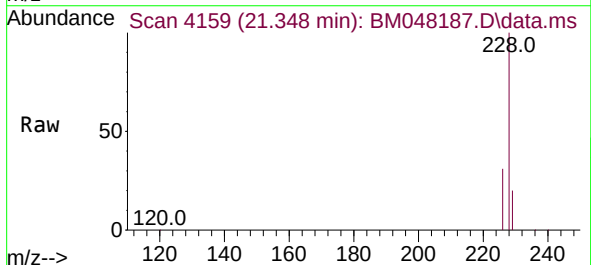
Manual Integrations
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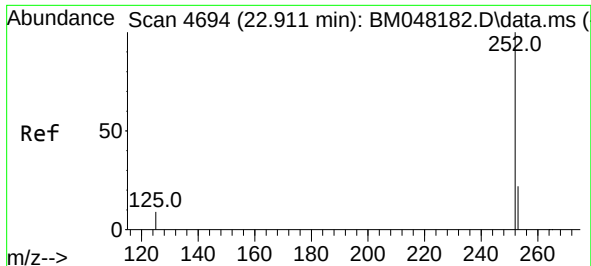
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#22
Chrysene
Concen: 21.504 ng/u1
RT: 21.348 min Scan# 4159
Delta R.T. -0.020 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

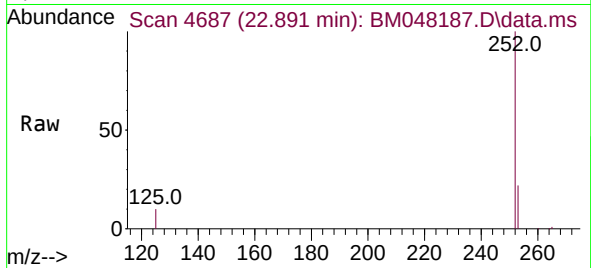
Tgt Ion:228 Resp: 1512553
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 19.8 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 27.413 ng/ul
RT: 22.891 min Scan# 4687
Delta R.T. -0.020 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

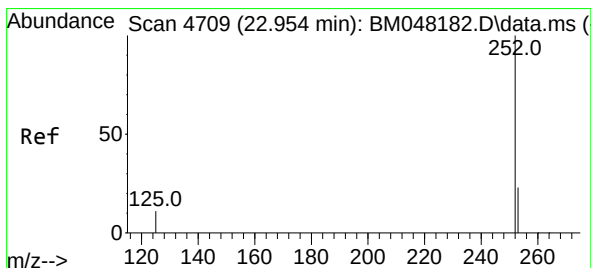
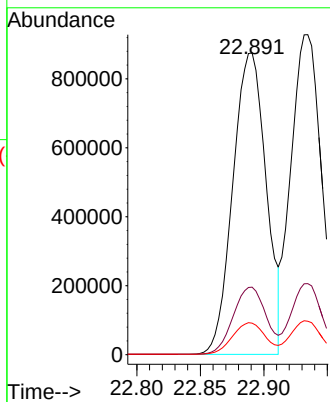
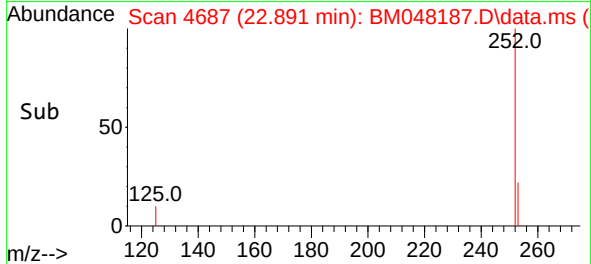
Instrument :
BNA_M
ClientSampleId :
SLCS300



Tgt Ion:252 Resp: 159247
Ion Ratio Lower Upper
252 100
253 22.4 0.0 61.6
125 10.4 0.0 42.8

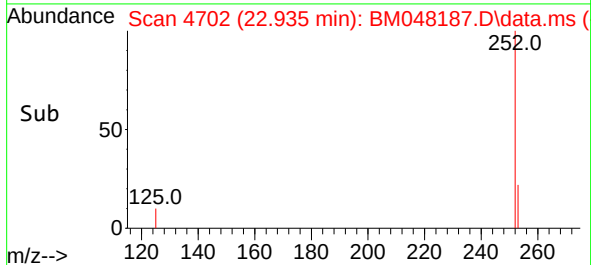
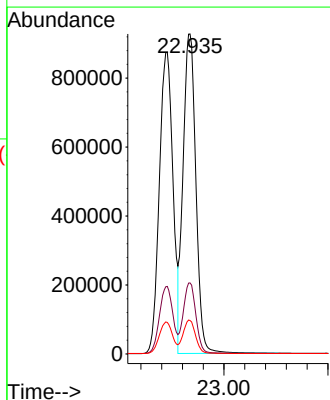
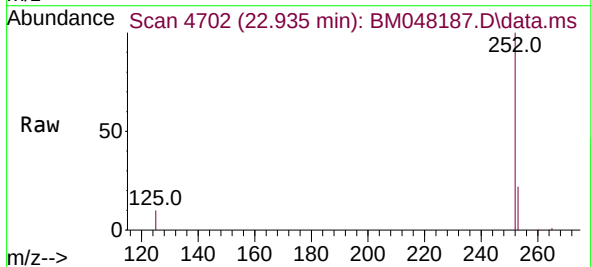
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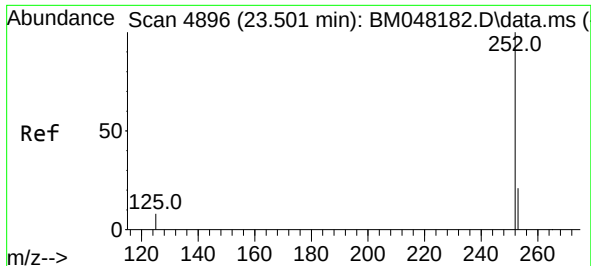
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#25
Benzo(k)fluoranthene
Concen: 22.591 ng/ul
RT: 22.935 min Scan# 4702
Delta R.T. -0.020 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

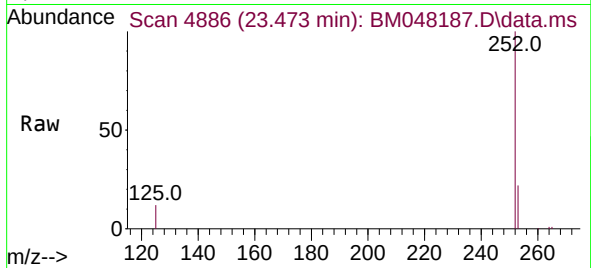
Tgt Ion:252 Resp: 1588578
Ion Ratio Lower Upper
252 100
253 22.2 24.4 36.6#
125 10.5 16.8 25.2#





#26
Benzo(a)pyrene
Concen: 30.857 ng/ul
RT: 23.473 min Scan# 4886
Delta R.T. -0.029 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

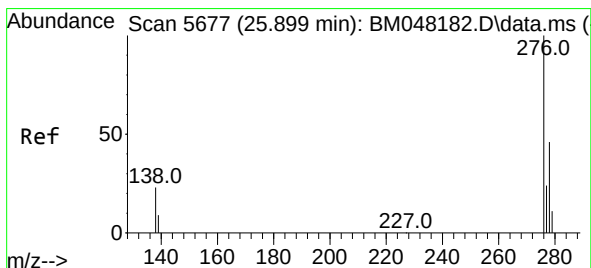
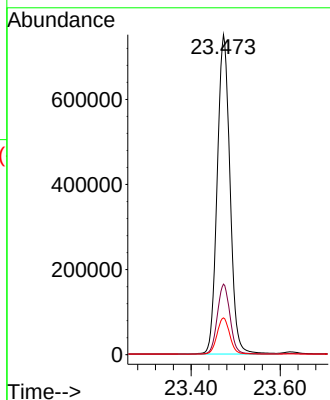
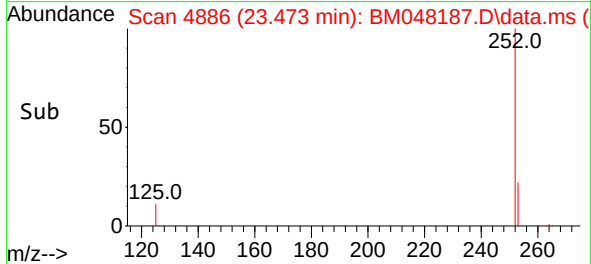
Instrument :
BNA_M
ClientSampleId :
SLCS300



Tgt Ion:252 Resp: 149288
Ion Ratio Lower Upper
252 100
253 22.1 29.0 43.4
125 11.5 24.4 36.6

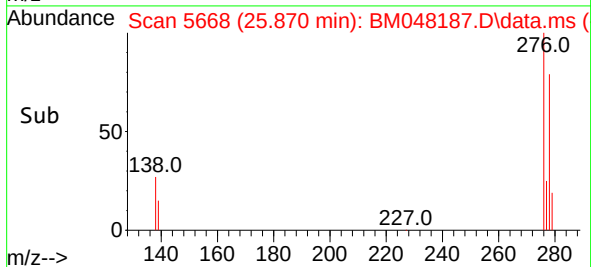
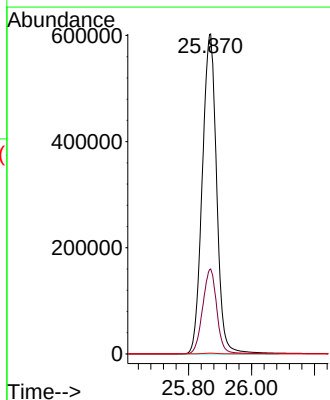
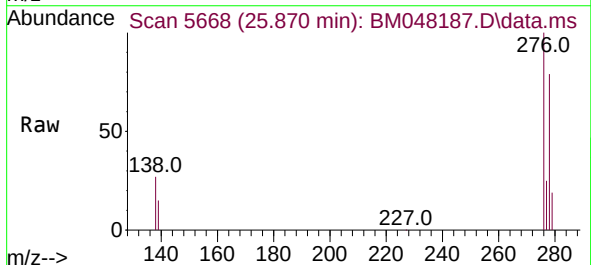
Manual Integrations
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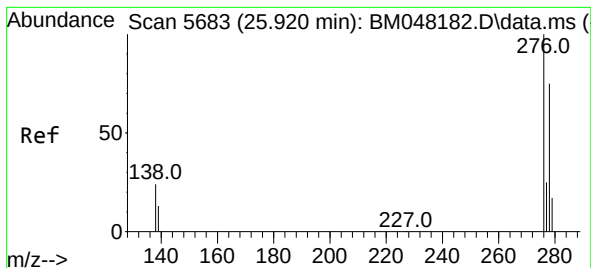
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 26.338 ng/ul
RT: 25.870 min Scan# 5668
Delta R.T. -0.030 min
Lab File: BM048187.D
Acq: 22 Oct 2024 11:43

Tgt Ion:276 Resp: 1909499
Ion Ratio Lower Upper
276 100
138 26.2 20.2 30.2
227 0.2 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 26.977 ng/ul

RT: 25.877 min Scan# 50

Delta R.T. -0.043 min

Lab File: BM048187.D

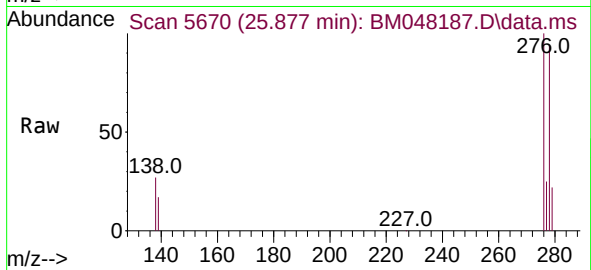
Acq: 22 Oct 2024 11:43

Instrument :

BNA_M

ClientSampleId :

SLCS300



Tgt Ion:278 Resp: 149385

Ion Ratio Lower Upper

278 100

139 18.1 18.9 28.3

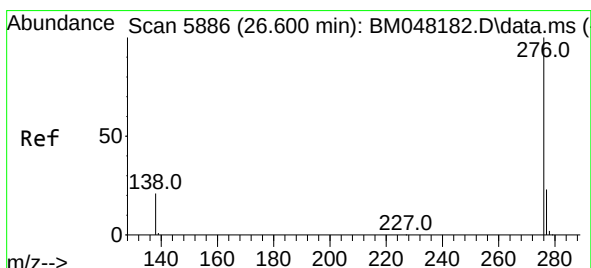
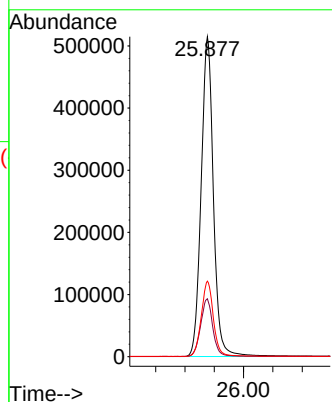
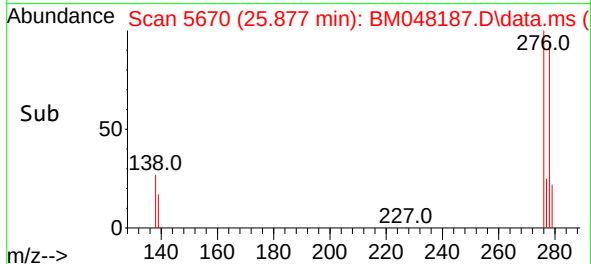
279 23.6 27.6 41.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :mohammad ahmed 10/23/2024



#29

Benzo(g,h,i)perylene

Concen: 25.435 ng/ul

RT: 26.571 min Scan# 5877

Delta R.T. -0.030 min

Lab File: BM048187.D

Acq: 22 Oct 2024 11:43

Tgt Ion:276 Resp: 1540461

Ion Ratio Lower Upper

276 100

138 22.3 20.3 30.5

277 23.8 20.4 30.6

