

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040454.D
 Acq On : 30 Jun 2023 01:26
 Operator : MA/JU
 Sample : 03143-14DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFV1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 03:08:38 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 : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	7560	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	27619	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.582	164	13197	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	24894	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	14811	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	13451	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	3674	0.309	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	817	0.021	ng/ul	-0.01
18) Fluoranthene-d10	19.356	212	1257	0.026	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.800	128	1756	0.023	ng/ul#	77
7) 2-Methylnaphthalene	12.411	142	1157	0.026	ng/ul	94
10) Acenaphthylene	14.304	152	13044	0.221	ng/ul	99
15) Phenanthrene	17.370	178	7021	0.091	ng/ul	96
16) Anthracene	17.463	178	11331	0.174	ng/ul	97
19) Fluoranthene	19.384	202	58453	0.929	ng/ul	97
20) Pyrene	19.747	202	63037	0.935	ng/ul	99
21) Benzo(a)anthracene	21.491	228	30405	0.607	ng/ul	97
22) Chrysene	21.544	228	37379	0.654	ng/ul	97
24) Benzo(b)fluoranthene	23.187	252	56444	1.084	ng/ul	96
25) Benzo(k)fluoranthene	23.228	252	20032m	0.390	ng/ul	
26) Benzo(a)pyrene	23.812	252	26767	0.571	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.424	276	24851	0.381	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.434	278	6248	0.122	ng/ul#	74
29) Benzo(g,h,i)perylene	27.195	276	20030	0.350	ng/ul	99

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

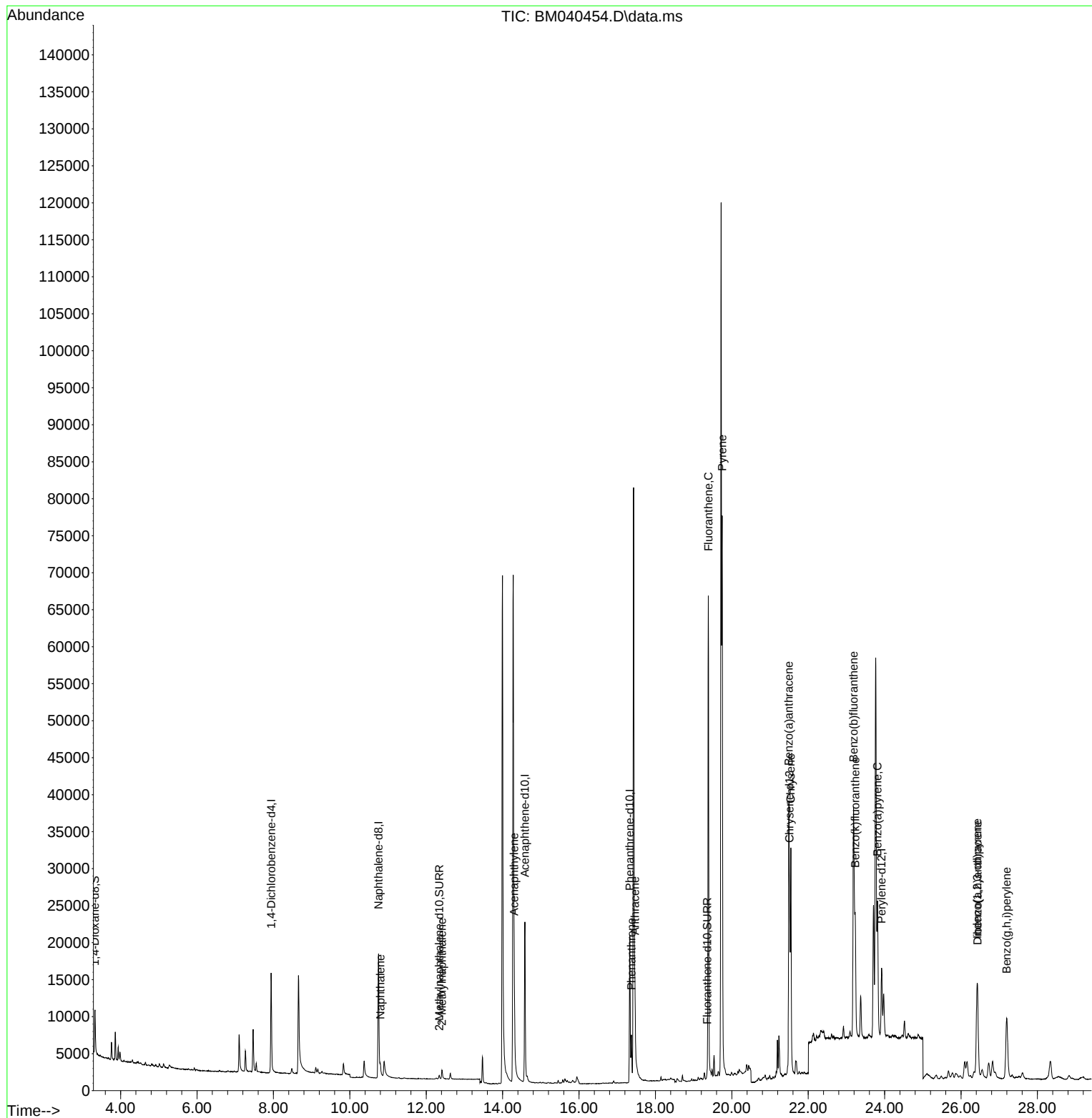
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040454.D
Acq On : 30 Jun 2023 01:26
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ALS Vial : 28 Sample Multiplier: 1

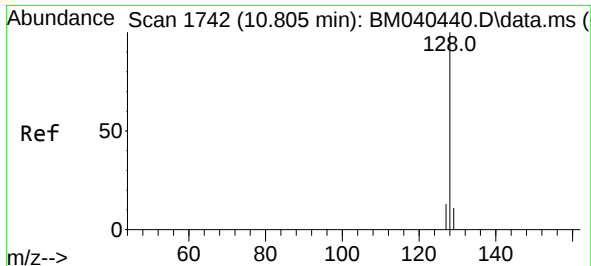
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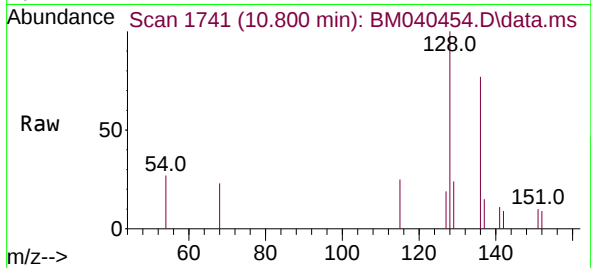
Quant Time: Jun 30 03:08:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.800 min Scan# 1742
Delta R.T. -0.011 min
Lab File: BM040454.D
Acq: 30 Jun 2023 01:26

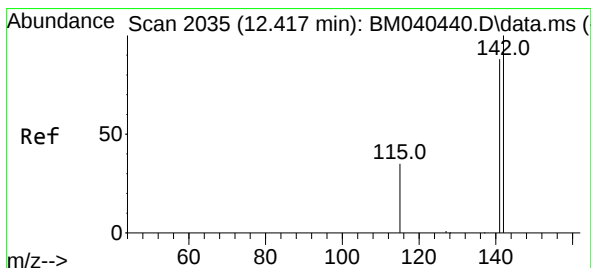
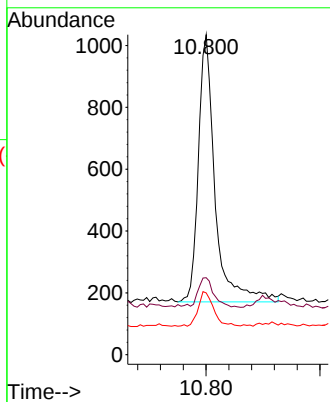
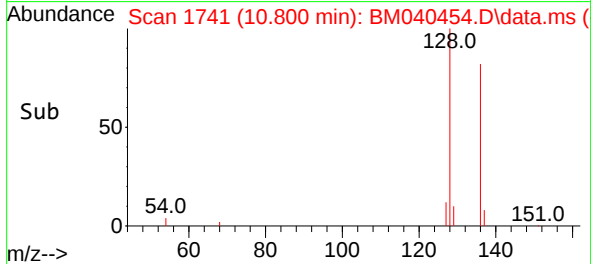
Instrument :
BNA_M
ClientSampleId :
DCFV1DL



Tgt Ion:128 Resp: 1750
Ion Ratio Lower Upper
128 100
129 24.1 9.2 13.8
127 19.3 10.6 15.8

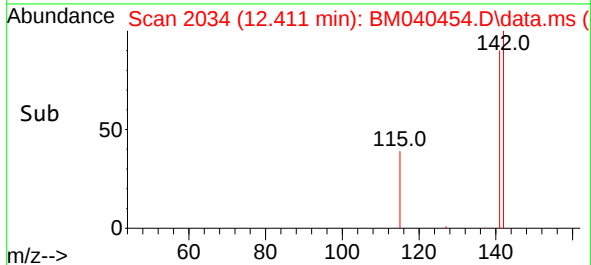
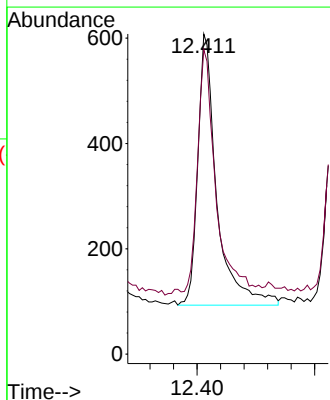
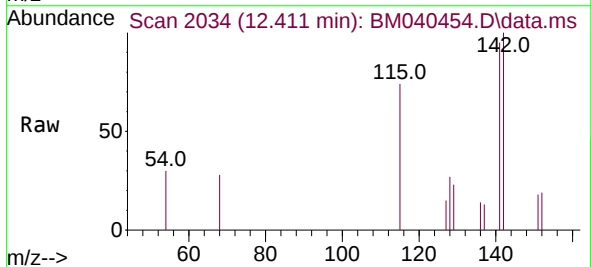
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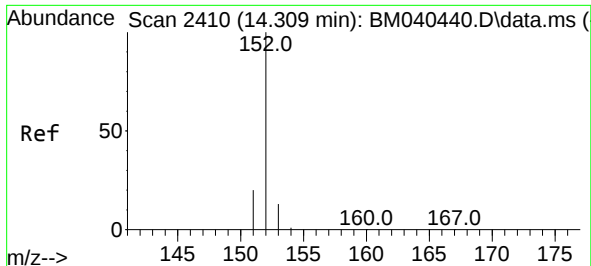
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040454.D
Acq: 30 Jun 2023 01:26

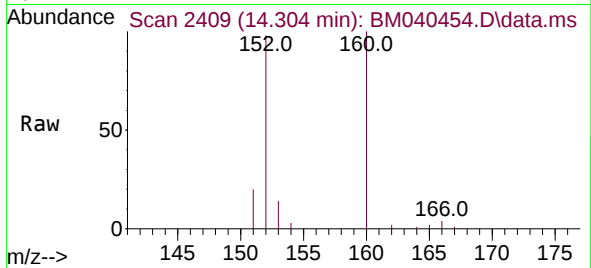
Tgt Ion:142 Resp: 1157
Ion Ratio Lower Upper
142 100
141 84.1 71.9 107.9





#10
Acenaphthylene
Concen: 0.221 ng/ul
RT: 14.304 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BM040454.D
Acq: 30 Jun 2023 01:26

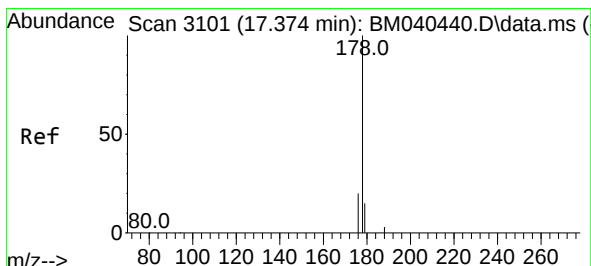
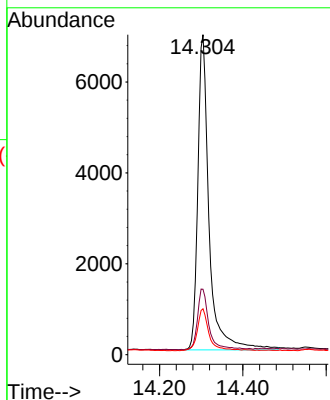
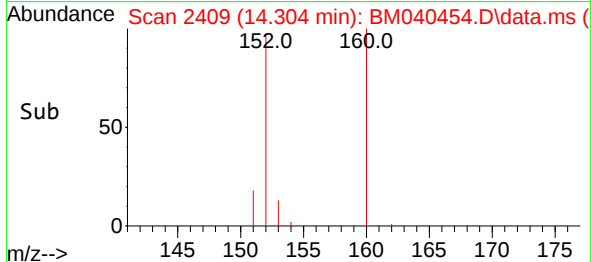
Instrument :
BNA_M
ClientSampleId :
DCFV1DL



Tgt Ion:152 Resp: 13044
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.3 10.9 16.3

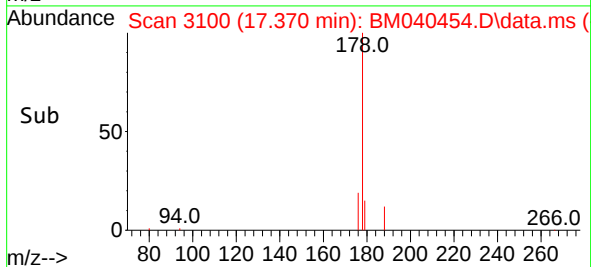
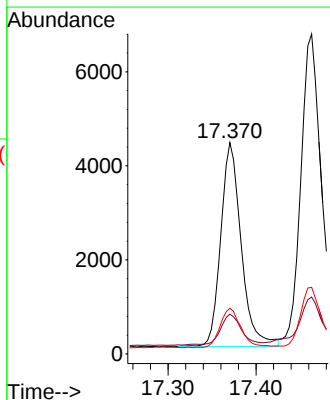
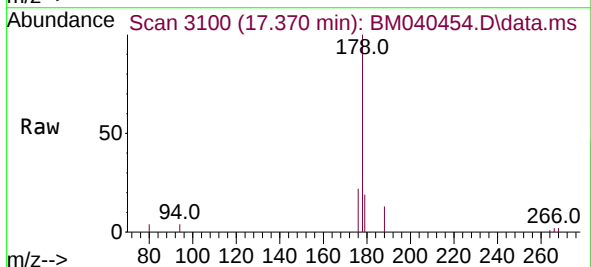
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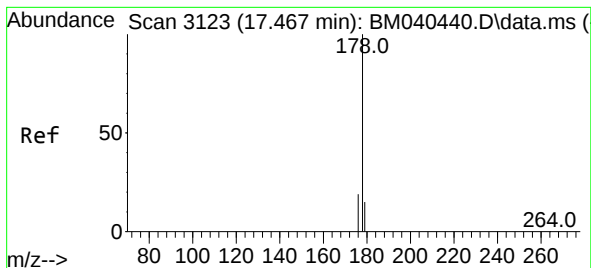
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#15
Phenanthrene
Concen: 0.091 ng/ul
RT: 17.370 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BM040454.D
Acq: 30 Jun 2023 01:26

Tgt Ion:178 Resp: 7021
Ion Ratio Lower Upper
178 100
179 18.9 12.8 19.2
176 21.7 16.4 24.6





#16

Anthracene

Concen: 0.174 ng/ul

RT: 17.463 min Scan# 3123

Delta R.T. -0.008 min

Lab File: BM040454.D

Acq: 30 Jun 2023 01:26

Instrument :

BNA_M

ClientSampleId :

DCFV1DL

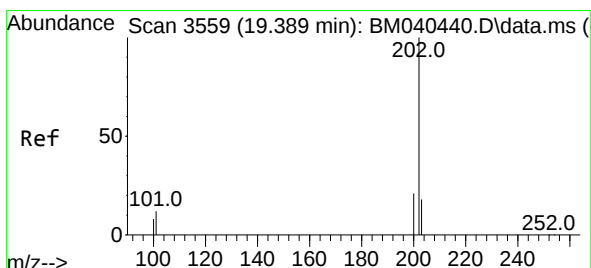
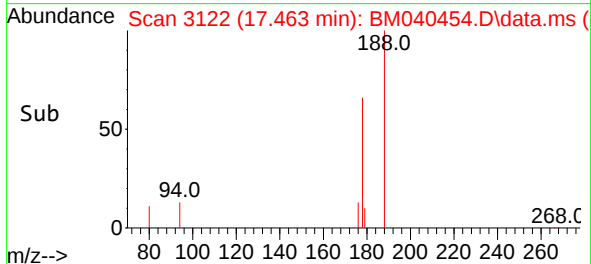
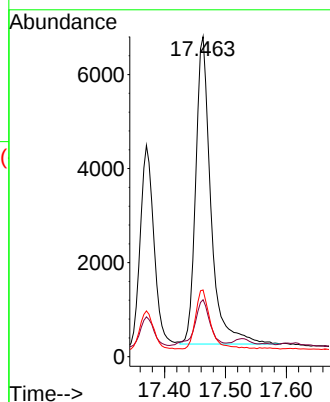
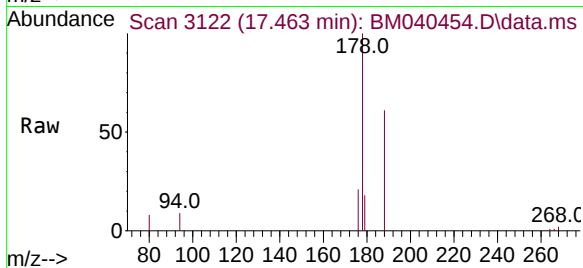
Tgt Ion:178	Resp: 1133
Ion Ratio	Lower Upper
178 100	
179 17.8	12.9 19.3
176 20.9	15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#19

Fluoranthene

Concen: 0.929 ng/ul

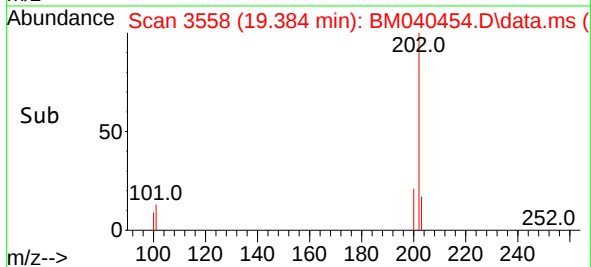
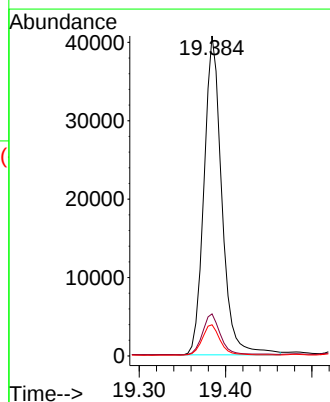
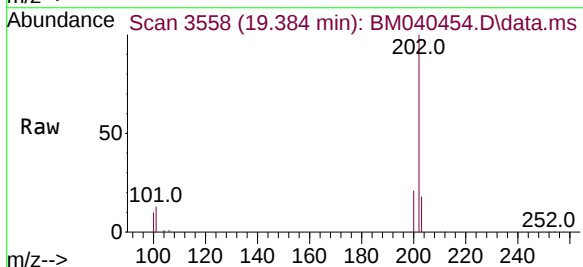
RT: 19.384 min Scan# 3558

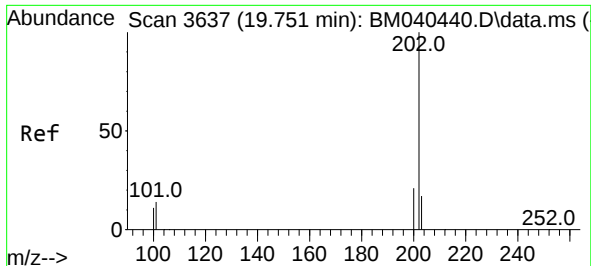
Delta R.T. -0.005 min

Lab File: BM040454.D

Acq: 30 Jun 2023 01:26

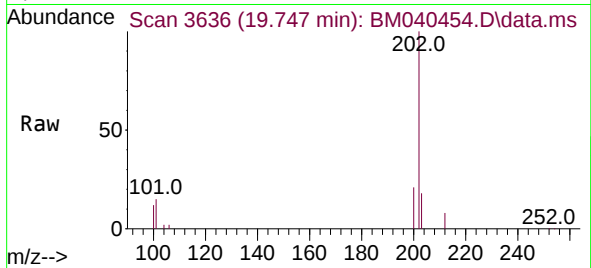
Tgt Ion:202	Resp: 58453
Ion Ratio	Lower Upper
202 100	
101 13.1	11.4 17.0
100 9.7	8.7 13.1





#20
Pyrene
Concen: 0.935 ng/u1
RT: 19.747 min Scan# 3637
Delta R.T. -0.009 min
Lab File: BM040454.D
Acq: 30 Jun 2023 01:26

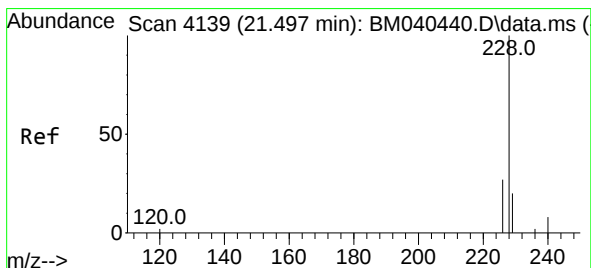
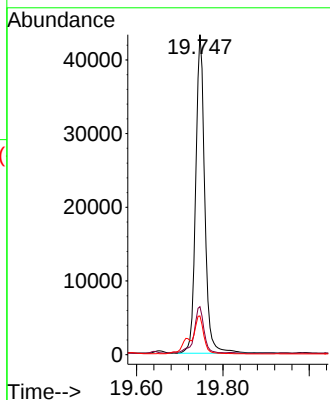
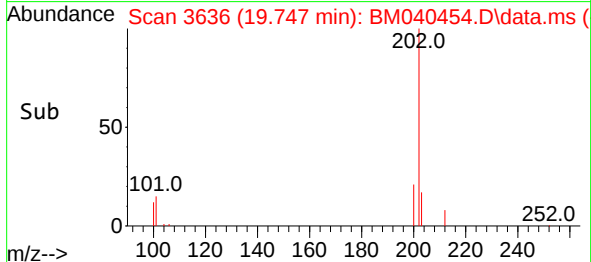
Instrument :
BNA_M
ClientSampleId :
DCFV1DL



Tgt Ion:202 Resp: 63037
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.1 9.8 14.6

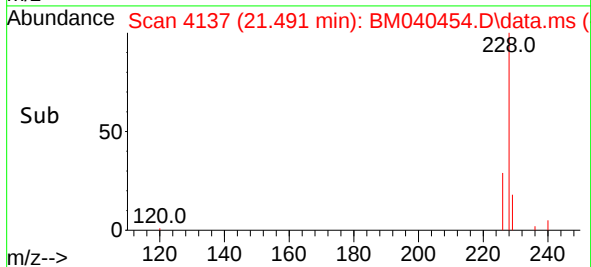
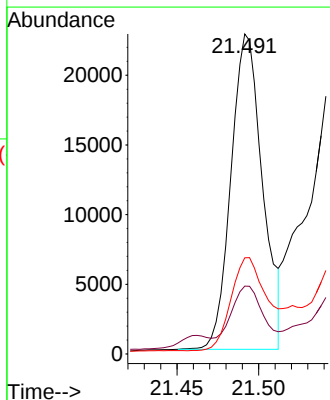
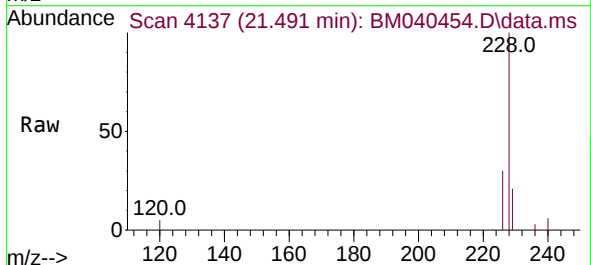
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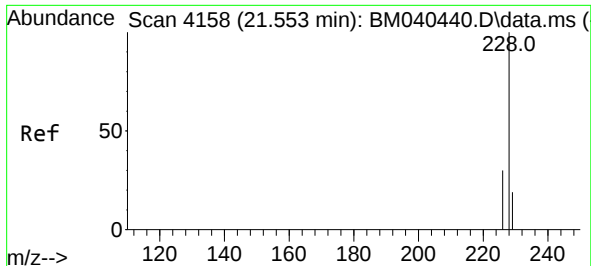
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#21
Benzo(a)anthracene
Concen: 0.607 ng/u1
RT: 21.491 min Scan# 4137
Delta R.T. -0.009 min
Lab File: BM040454.D
Acq: 30 Jun 2023 01:26

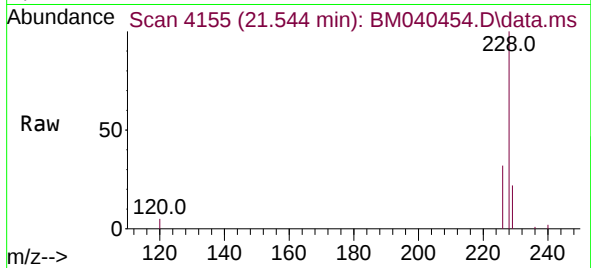
Tgt Ion:228 Resp: 30405
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 30.1 22.3 33.5





#22
Chrysene
Concen: 0.654 ng/u1
RT: 21.544 min Scan# 4155
Delta R.T. -0.009 min
Lab File: BM040454.D
Acq: 30 Jun 2023 01:26

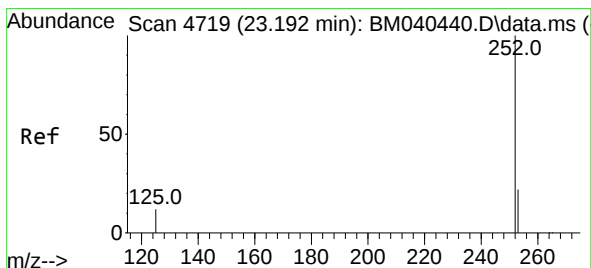
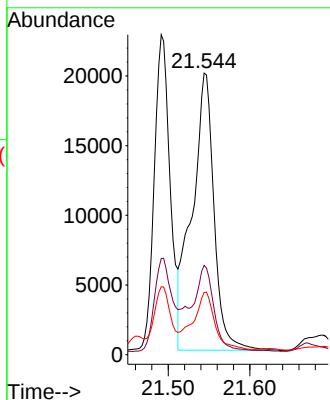
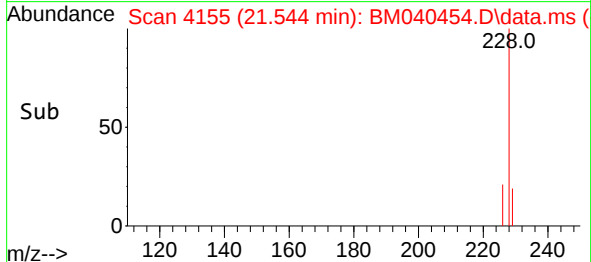
Instrument :
BNA_M
ClientSampleId :
DCFV1DL



Tgt Ion:228 Resp: 37379
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 22.1 15.8 23.6

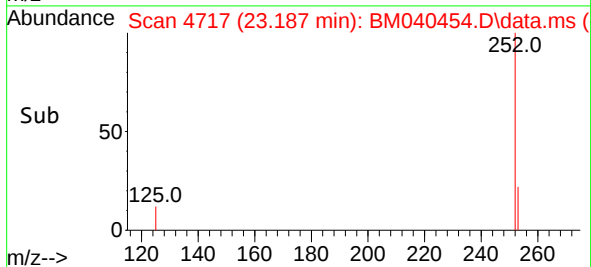
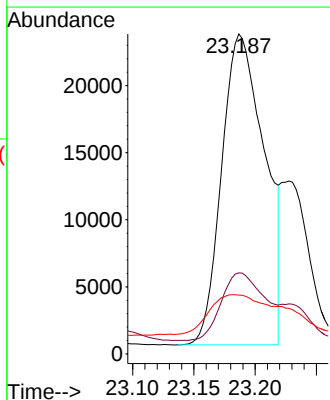
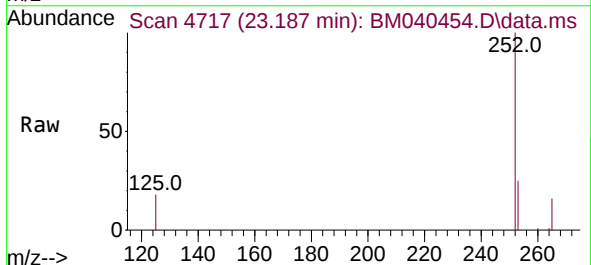
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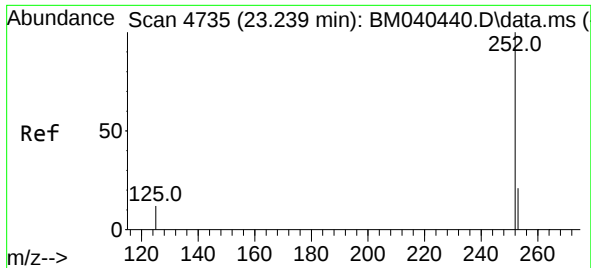
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#24
Benzo(b)fluoranthene
Concen: 1.084 ng/u1
RT: 23.187 min Scan# 4717
Delta R.T. -0.006 min
Lab File: BM040454.D
Acq: 30 Jun 2023 01:26

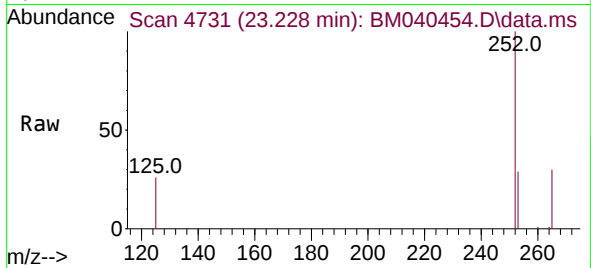
Tgt Ion:252 Resp: 56444
Ion Ratio Lower Upper
252 100
253 25.4 0.0 52.8
125 18.4 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.390 ng/ul m
RT: 23.228 min Scan# 4731
Delta R.T. -0.015 min
Lab File: BM040454.D
Acq: 30 Jun 2023 01:26

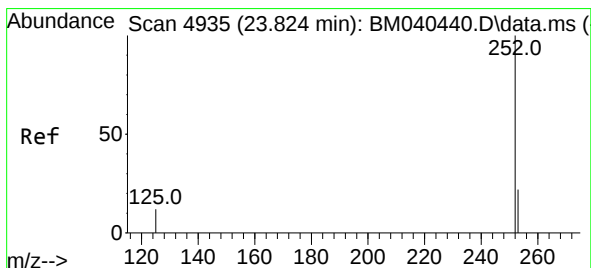
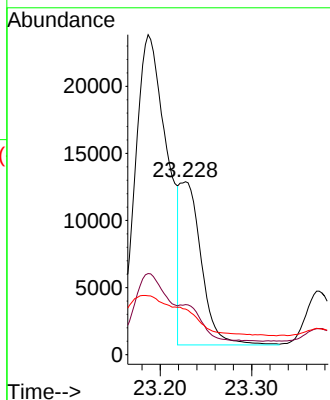
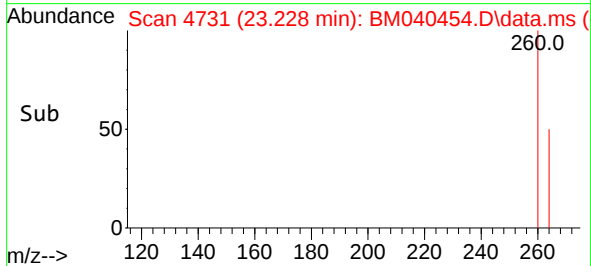
Instrument :
BNA_M
ClientSampleId :
DCFV1DL



Tgt Ion:252 Resp: 2003
Ion Ratio Lower Upper
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253 28.9 21.2 31.8
125 26.4 16.4 24.6

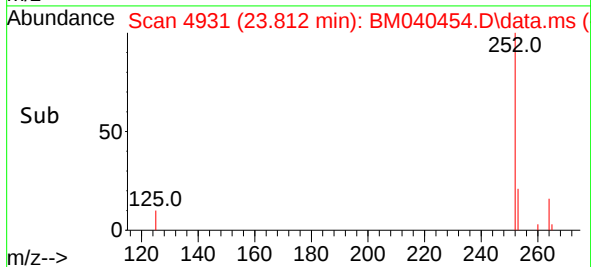
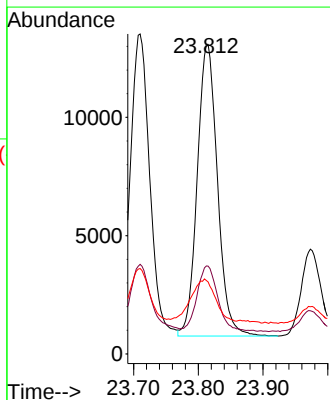
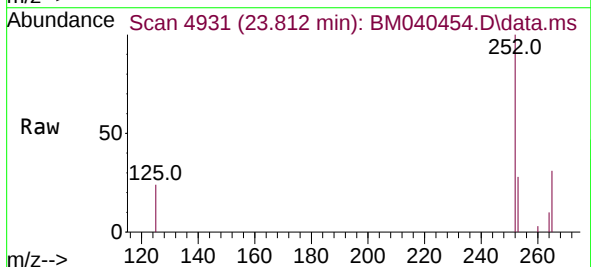
Manual Integrations
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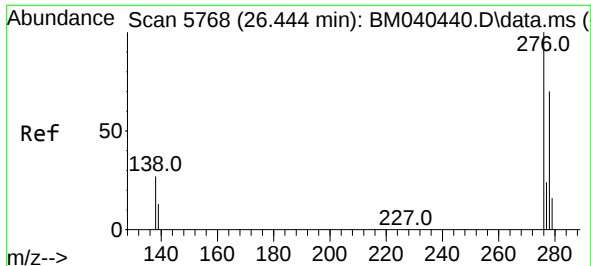
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#26
Benzo(a)pyrene
Concen: 0.571 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. -0.012 min
Lab File: BM040454.D
Acq: 30 Jun 2023 01:26

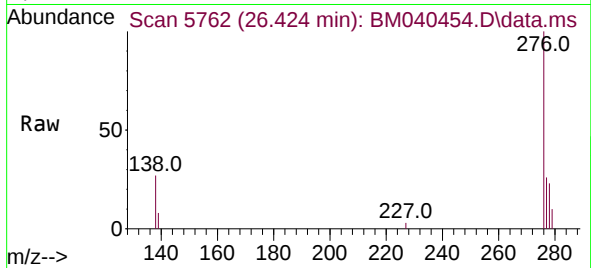
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Ion Ratio Lower Upper
252 100
253 28.4 22.9 34.3
125 23.7 21.0 31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul
RT: 26.424 min Scan# 5765
Delta R.T. -0.010 min
Lab File: BM040454.D
Acq: 30 Jun 2023 01:26

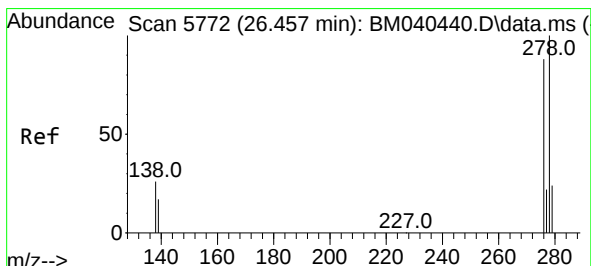
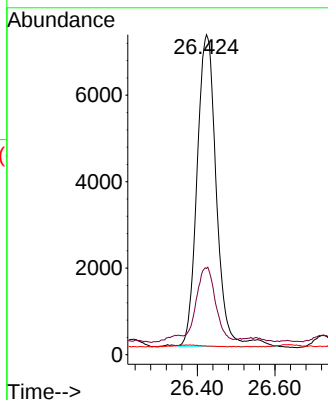
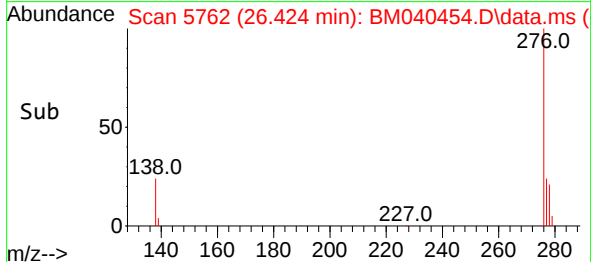
Instrument :
BNA_M
ClientSampleId :
DCFV1DL



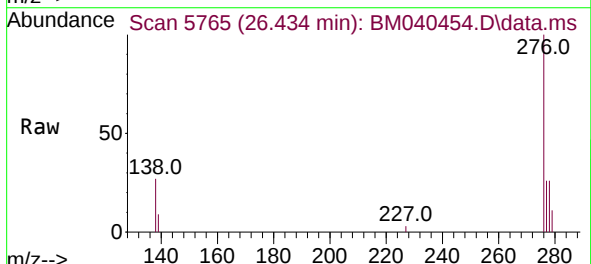
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Ion Ratio Lower Upper
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138 25.2 24.5 36.7
227 0.0 0.1 0.1

Manual Integrations
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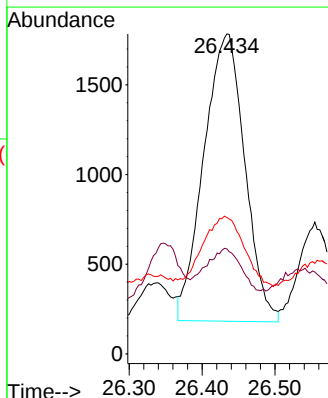
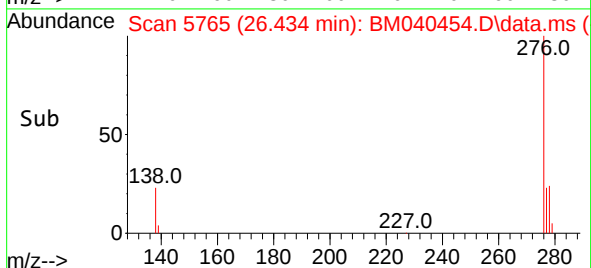
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

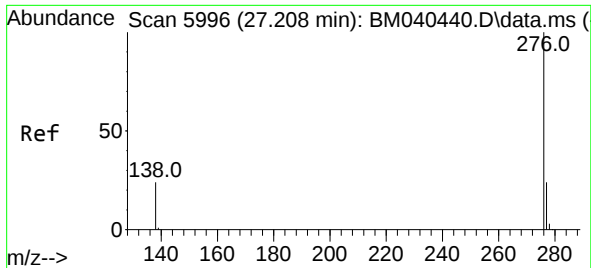


#28
Dibenzo(a,h)anthracene
Concen: 0.122 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. -0.020 min
Lab File: BM040454.D
Acq: 30 Jun 2023 01:26



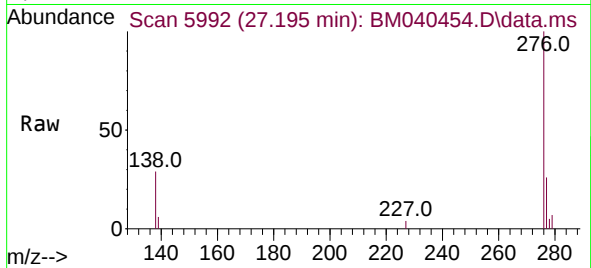
Tgt Ion:278 Resp: 6248
Ion Ratio Lower Upper
278 100
139 32.8 17.9 26.9#
279 42.7 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.350 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. -0.010 min
Lab File: BM040454.D
Acq: 30 Jun 2023 01:26

Instrument :
BNA_M
ClientSampleId :
DCFV1DL



Tgt Ion:276 Resp: 20030
Ion Ratio Lower Upper
276 100
138 28.8 23.0 34.6
277 26.5 20.3 30.5

Manual Integrations
APPROVED

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