

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040610.D
 Acq On : 04 Jul 2023 13:27
 Operator : MA/JU
 Sample : 03243-18
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 01:18:38 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 : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	6153	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	23125	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	11026	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	22084	0.400	ng/ul	-0.01
17) Chrysene-d12	21.494	240	13560	0.400	ng/ul	0.00
23) Perylene-d12	23.897	264	13208	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	15791	1.634	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	3783	0.117	ng/ul	-0.01
18) Fluoranthene-d10	19.338	212	6660	0.153	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.772	128	1285	0.020	ng/ul#	69
7) 2-Methylnaphthalene	12.384	142	819	0.022	ng/ul	96
10) Acenaphthylene	14.281	152	2822	0.057	ng/ul#	87
15) Phenanthrene	17.349	178	15516	0.226	ng/ul	99
16) Anthracene	17.442	178	1913m	0.033	ng/ul	
19) Fluoranthene	19.366	202	39440	0.685	ng/ul	98
20) Pyrene	19.728	202	32497	0.526	ng/ul#	95
21) Benzo(a)anthracene	21.477	228	17122	0.373	ng/ul	96
22) Chrysene	21.529	228	16954	0.324	ng/ul	96
24) Benzo(b)fluoranthene	23.166	252	26682	0.522	ng/ul	97
25) Benzo(k)fluoranthene	23.207	252	10074m	0.200	ng/ul	
26) Benzo(a)pyrene	23.792	252	15632	0.340	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.390	276	15355	0.239	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.407	278	3538	0.070	ng/ul#	51
29) Benzo(g,h,i)perylene	27.165	276	14346	0.255	ng/ul	96

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

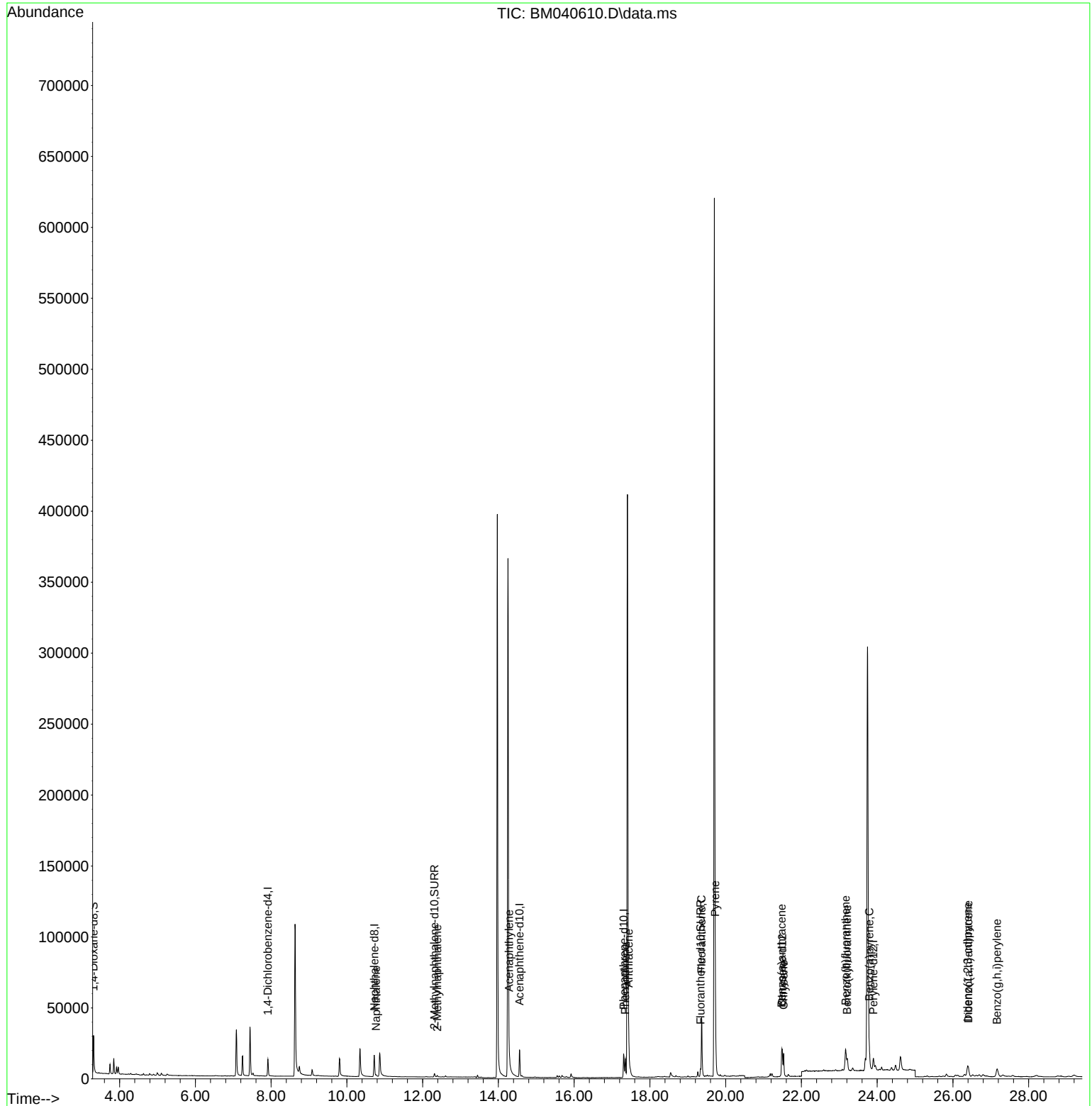
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040610.D
Acq On : 04 Jul 2023 13:27
Operator : MA/JU
Sample : 03243-18
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ALS Vial : 46 Sample Multiplier: 1

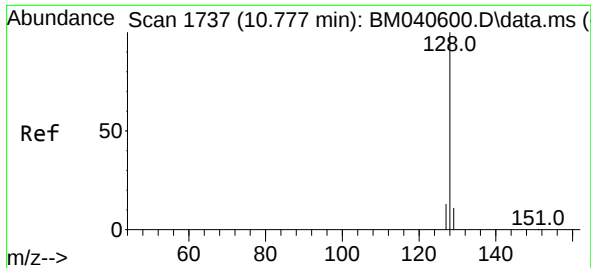
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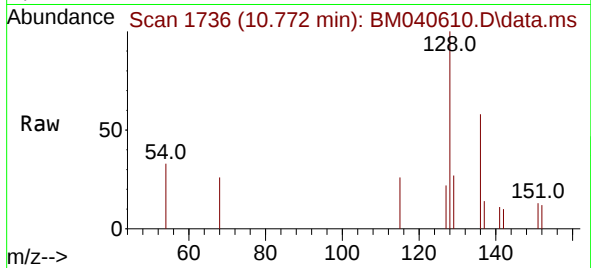
Quant Time: Jul 05 01:18:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.772 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

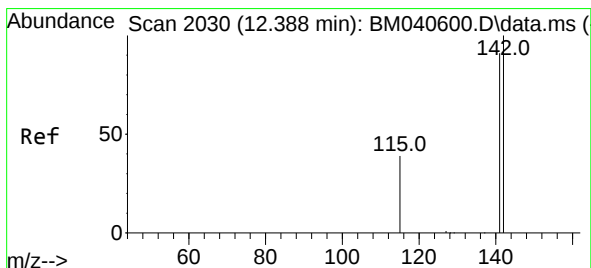
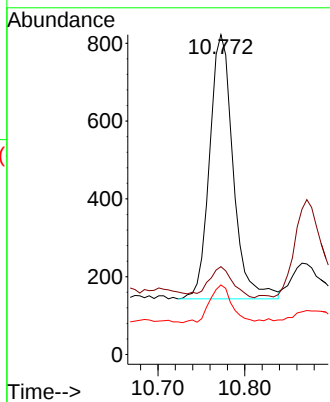
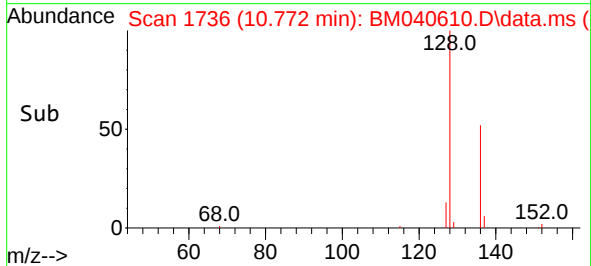
Instrument :
BNA_M
ClientSampleId :
DCGD8



Tgt Ion:128 Resp: 128
Ion Ratio Lower Upper
128 100
129 27.5 9.2 13.8
127 21.8 10.6 15.8

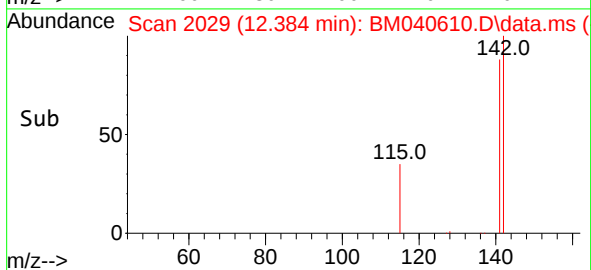
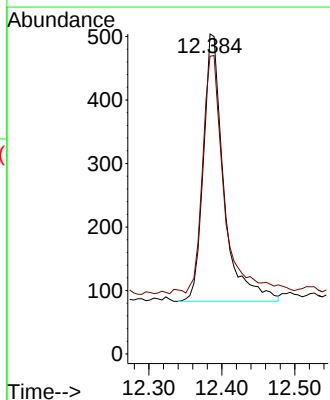
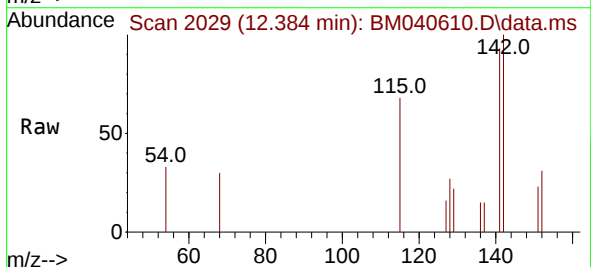
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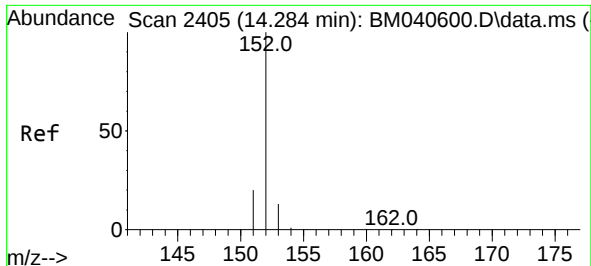
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

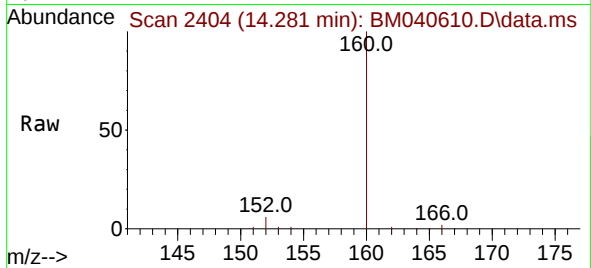
Tgt Ion:142 Resp: 819
Ion Ratio Lower Upper
142 100
141 93.3 71.9 107.9





#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.281 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

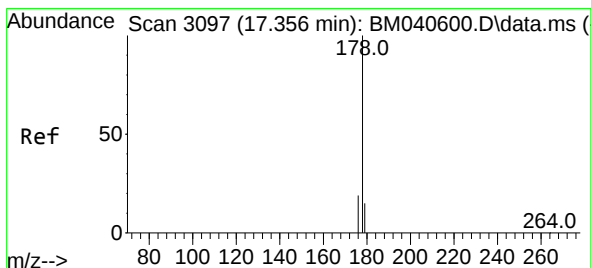
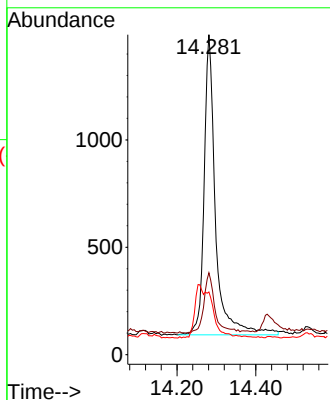
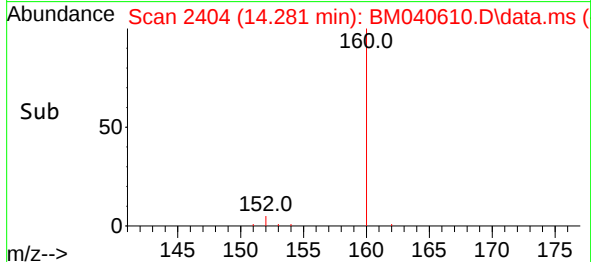
Instrument :
BNA_M
ClientSampleId :
DCGD8



Tgt Ion:152 Resp: 282
Ion Ratio Lower Upper
152 100
151 25.6 16.2 24.2
153 19.6 10.9 16.3

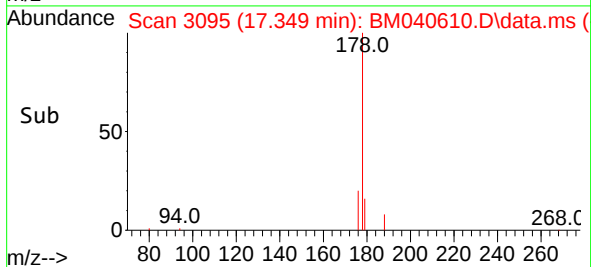
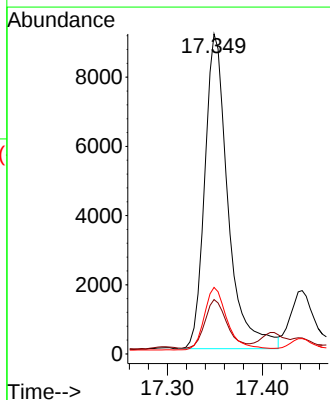
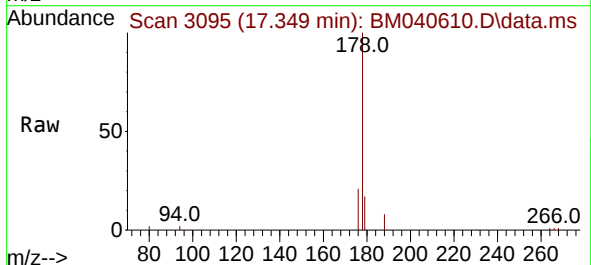
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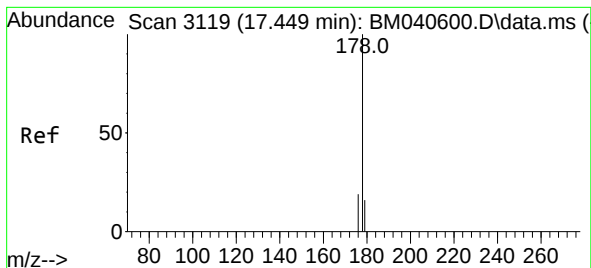
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#15
Phenanthrene
Concen: 0.226 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

Tgt Ion:178 Resp: 15516
Ion Ratio Lower Upper
178 100
179 17.0 12.8 19.2
176 20.8 16.4 24.6





#16

Anthracene

Concen: 0.033 ng/ul m

RT: 17.442 min Scan# 3117

Delta R.T. -0.013 min

Lab File: BM040610.D

Acq: 04 Jul 2023 13:27

Instrument :

BNA_M

ClientSampleId :

DCGD8

Tgt Ion:178 Resp: 191

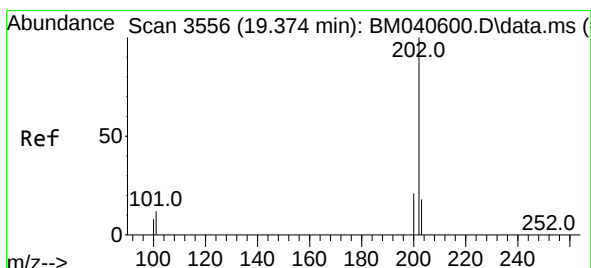
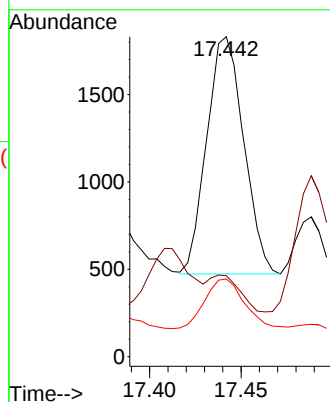
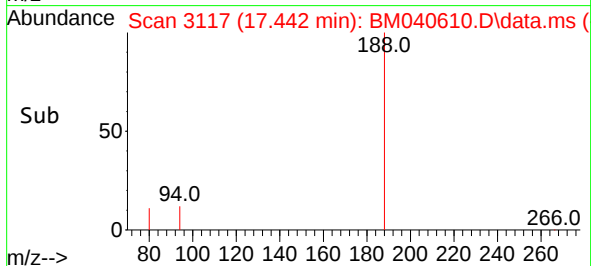
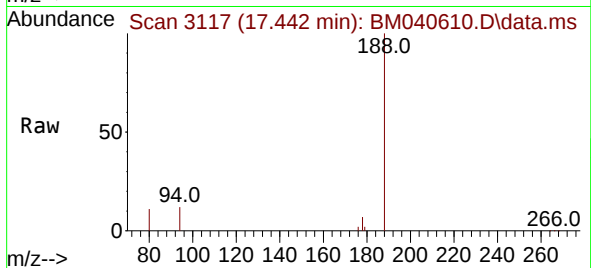
Ion	Ratio	Lower	Upper
178	100		
179	25.3	12.9	19.3
176	24.3	15.8	23.6

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Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#19

Fluoranthene

Concen: 0.685 ng/ul

RT: 19.366 min Scan# 3554

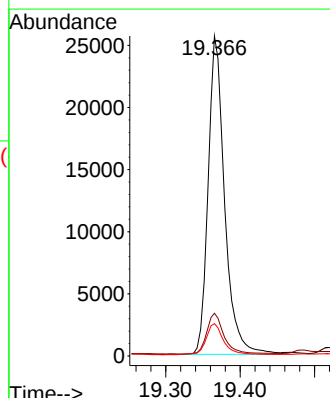
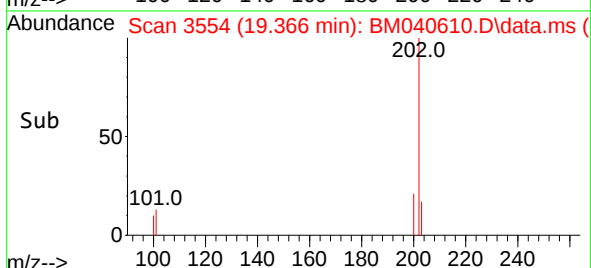
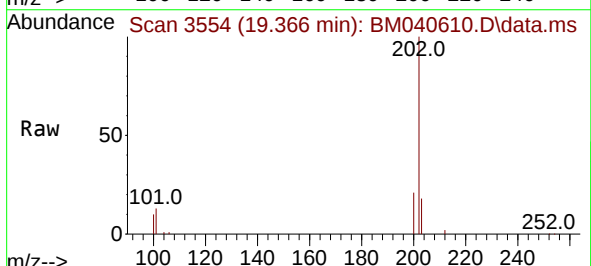
Delta R.T. -0.014 min

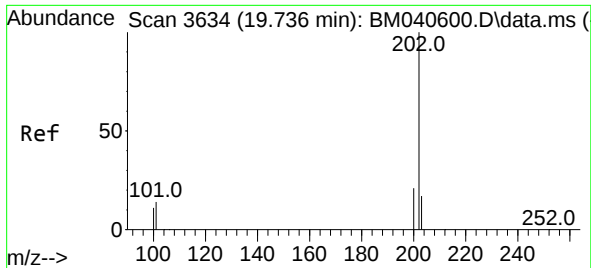
Lab File: BM040610.D

Acq: 04 Jul 2023 13:27

Tgt Ion:202 Resp: 39440

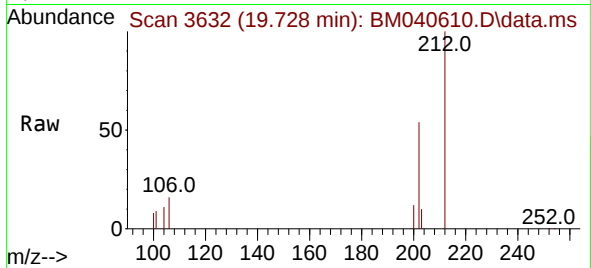
Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.4	17.0
100	10.1	8.7	13.1





#20
Pyrene
Concen: 0.526 ng/u1
RT: 19.728 min Scan# 30
Delta R.T. -0.014 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

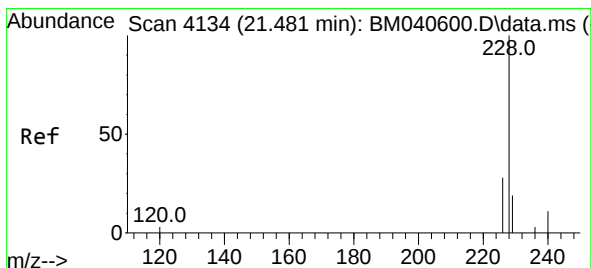
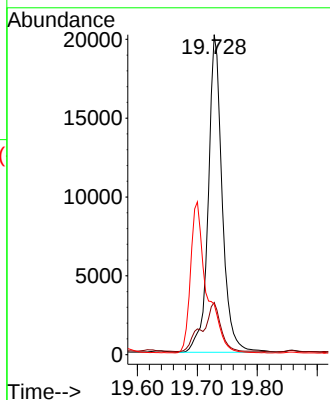
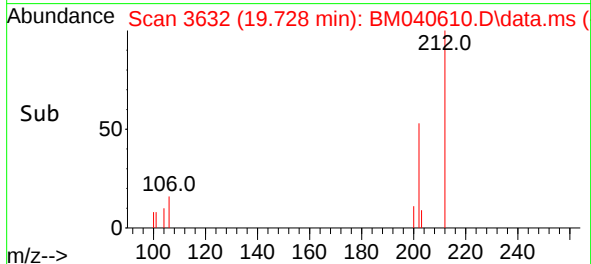
Instrument :
BNA_M
ClientSampleId :
DCGD8



Tgt Ion:202 Resp: 3249
Ion Ratio Lower Upper
202 100
101 16.3 12.6 18.8
100 15.7 9.8 14.6

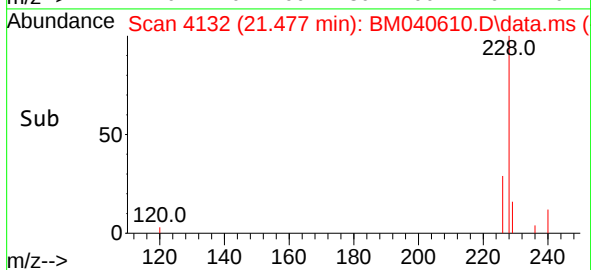
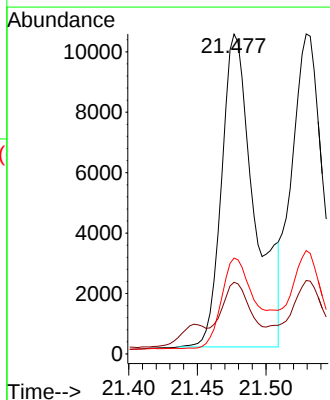
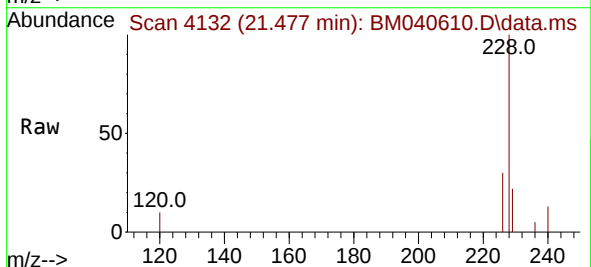
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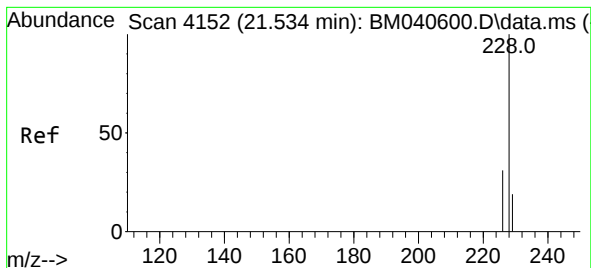
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#21
Benzo(a)anthracene
Concen: 0.373 ng/u1
RT: 21.477 min Scan# 4132
Delta R.T. -0.012 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

Tgt Ion:228 Resp: 17122
Ion Ratio Lower Upper
228 100
229 22.4 16.0 24.0
226 30.0 22.3 33.5





#22

Chrysene

Concen: 0.324 ng/ul

RT: 21.529 min Scan# 4152

Delta R.T. -0.012 min

Lab File: BM040610.D

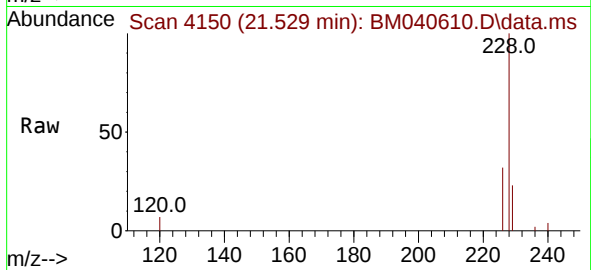
Acq: 04 Jul 2023 13:27

Instrument :

BNA_M

ClientSampleId :

DCGD8



Tgt Ion:228 Resp: 16954

Ion Ratio Lower Upper

228 100

226 32.3 24.9 37.3

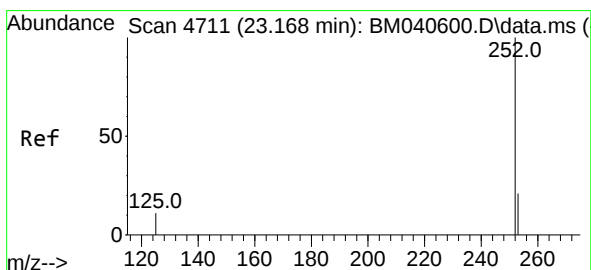
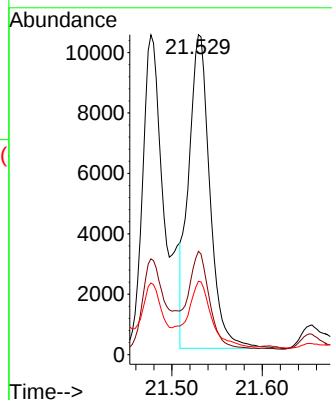
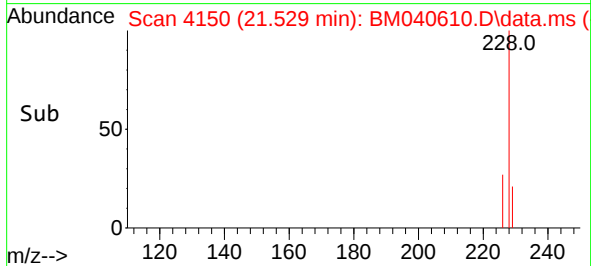
229 23.0 15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#24

Benzo(b)fluoranthene

Concen: 0.522 ng/ul

RT: 23.166 min Scan# 4710

Delta R.T. -0.015 min

Lab File: BM040610.D

Acq: 04 Jul 2023 13:27

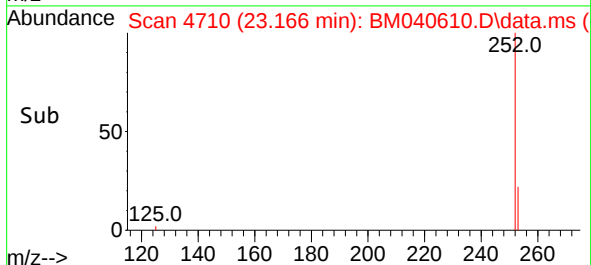
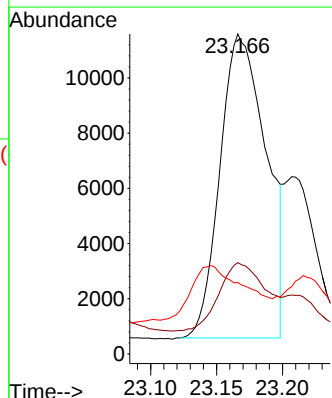
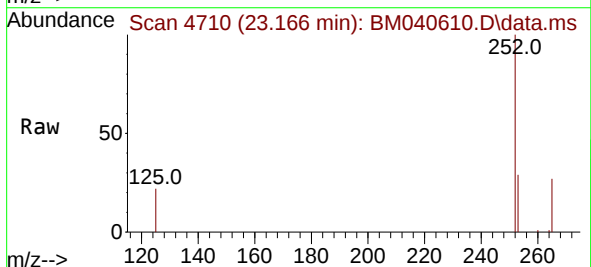
Tgt Ion:252 Resp: 26682

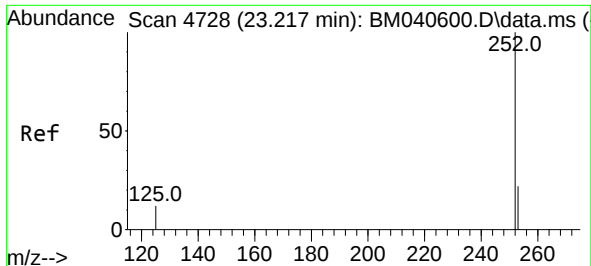
Ion Ratio Lower Upper

252 100

253 28.5 0.0 52.8

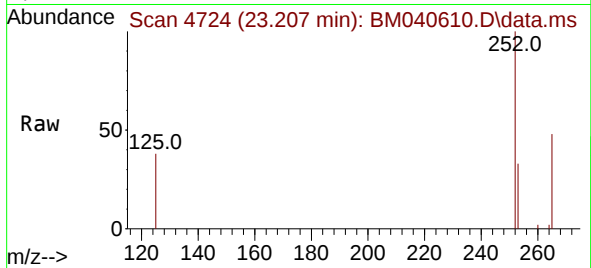
125 22.3 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.200 ng/ul m
RT: 23.207 min Scan# 4724
Delta R.T. -0.018 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

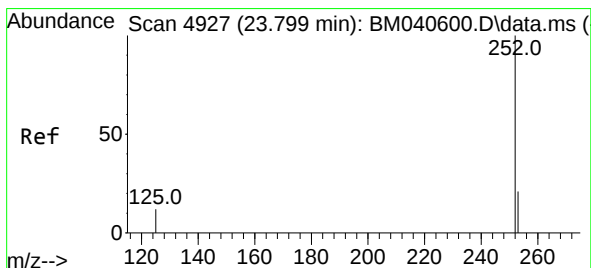
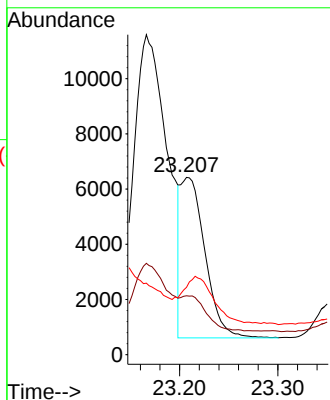
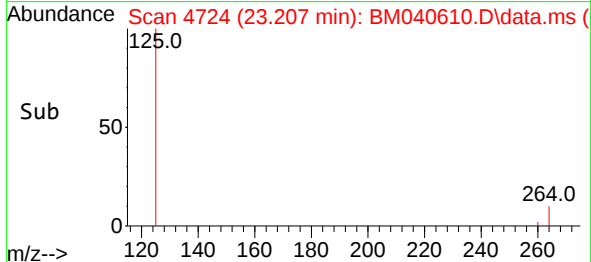
Instrument :
BNA_M
ClientSampleId :
DCGD8



Tgt Ion:252 Resp: 10074
Ion Ratio Lower Upper
252 100
253 33.2 21.2 31.8
125 38.0 16.4 24.6

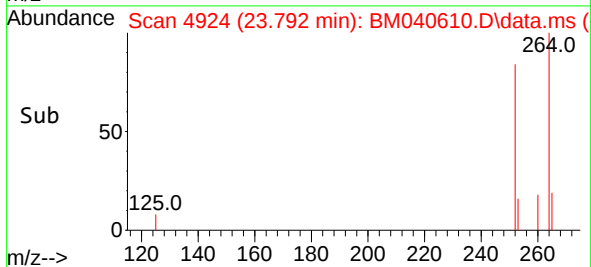
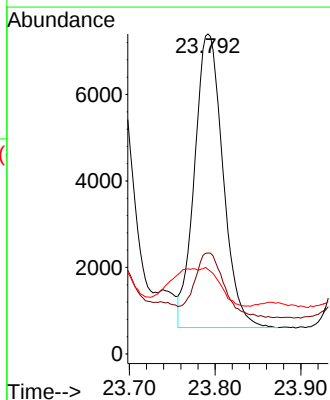
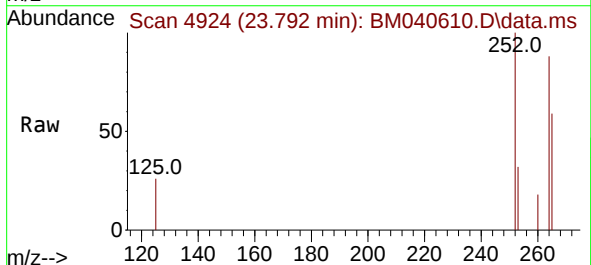
Manual Integrations
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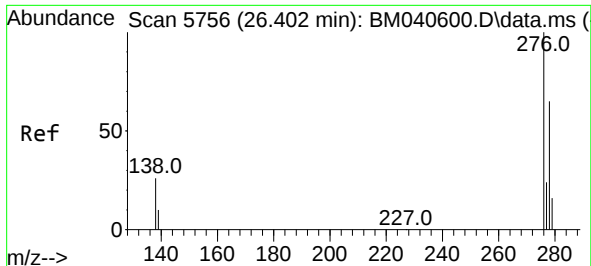
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#26
Benzo(a)pyrene
Concen: 0.340 ng/ul
RT: 23.792 min Scan# 4924
Delta R.T. -0.012 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

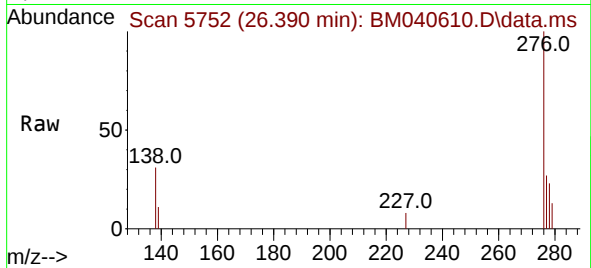
Tgt Ion:252 Resp: 15632
Ion Ratio Lower Upper
252 100
253 31.5 22.9 34.3
125 26.5 21.0 31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.239 ng/ul
RT: 26.390 min Scan# 5756
Delta R.T. -0.027 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

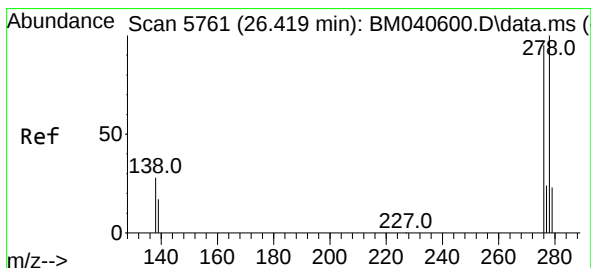
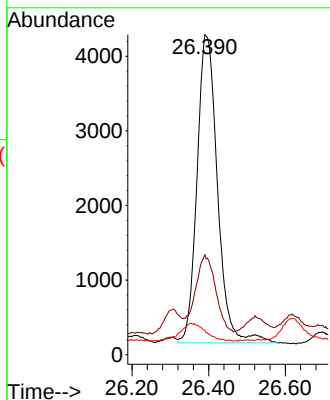
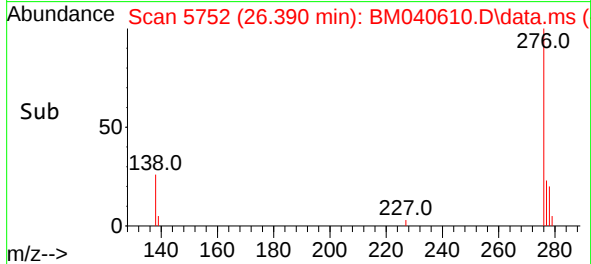
Instrument :
BNA_M
ClientSampleId :
DCGD8



Tgt Ion:276 Resp: 1535
Ion Ratio Lower Upper
276 100
138 24.0 24.5 36.7#
227 0.0 0.1 0.1#

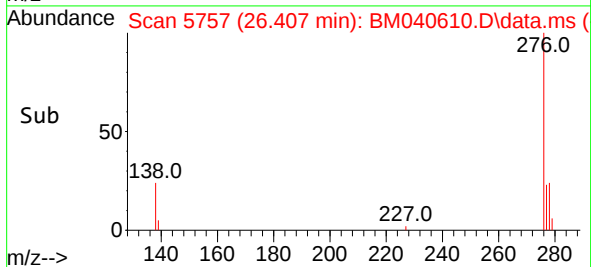
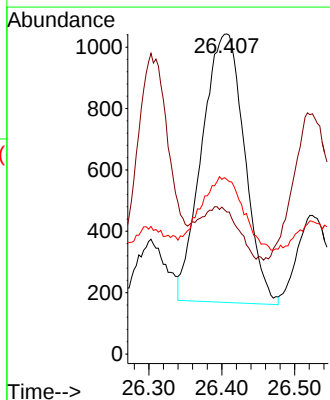
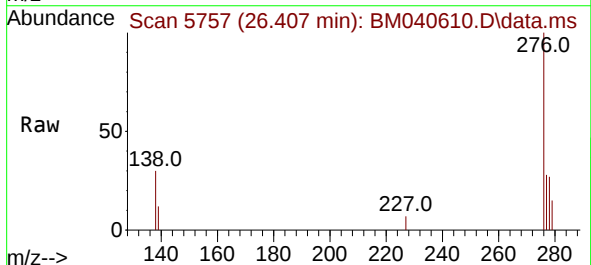
Manual Integrations
APPROVED

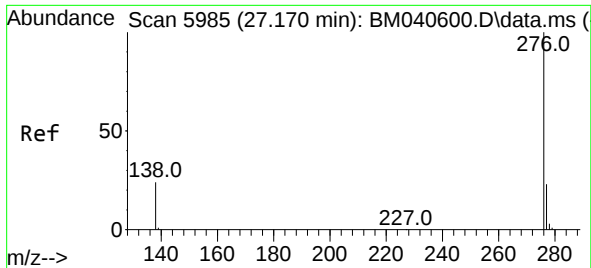
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 26.407 min Scan# 5757
Delta R.T. -0.024 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

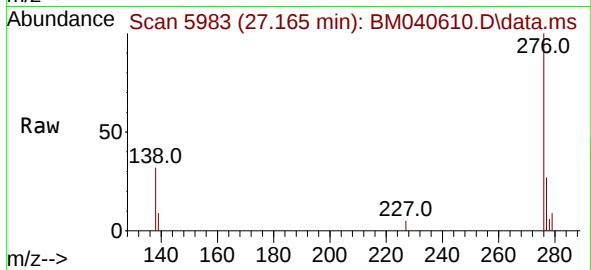
Tgt Ion:278 Resp: 3538
Ion Ratio Lower Upper
278 100
139 44.4 17.9 26.9#
279 54.6 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.255 ng/ul
RT: 27.165 min Scan# 5983
Delta R.T. -0.017 min
Lab File: BM040610.D
Acq: 04 Jul 2023 13:27

Instrument :
BNA_M
ClientSampleId :
DCGD8



Tgt Ion:276 Resp: 14340
Ion Ratio Lower Upper
276 100
138 31.6 23.0 34.6
277 26.7 20.3 30.5

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