

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044179.D
 Acq On : 19 Feb 2024 15:54
 Operator : MA/JU
 Sample : P1352-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FN3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/20/2024
 Supervised By :mohammad ahmed 02/21/2024

Quant Time: Feb 19 17:01:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	5997	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	18151	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.538	164	8526	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	17246	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	12429	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	14680m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	8463	0.997	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	1428	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	2653	0.072	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	14.260	152	1750	0.037	ng/ul#	81
11) Acenaphthene	14.603	153	6922	0.204	ng/ul	100
12) Fluorene	15.593	166	5618	0.147	ng/ul	98
15) Phenanthrene	17.334	178	241814	4.424	ng/ul	99
16) Anthracene	17.427	178	39015	0.721	ng/ul	100
19) Fluoranthene	19.354	202	926007	16.342	ng/ul	95
20) Pyrene	19.721	202	722482	12.124	ng/ul	98
21) Benzo(a)anthracene	21.479	228	436889	7.676	ng/ul	99
22) Chrysene	21.532	228	451088	7.350	ng/ul	98
24) Benzo(b)fluoranthene	23.160	252	561104	9.262	ng/ul	97
25) Benzo(k)fluoranthene	23.204	252	243063m	3.696	ng/ul	
26) Benzo(a)pyrene	23.777	252	222889	3.958	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.353	276	169149	2.359	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.376	278	55911	0.990	ng/ul	99
29) Benzo(g,h,i)perylene	27.108	276	13825	0.218	ng/ul#	88

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

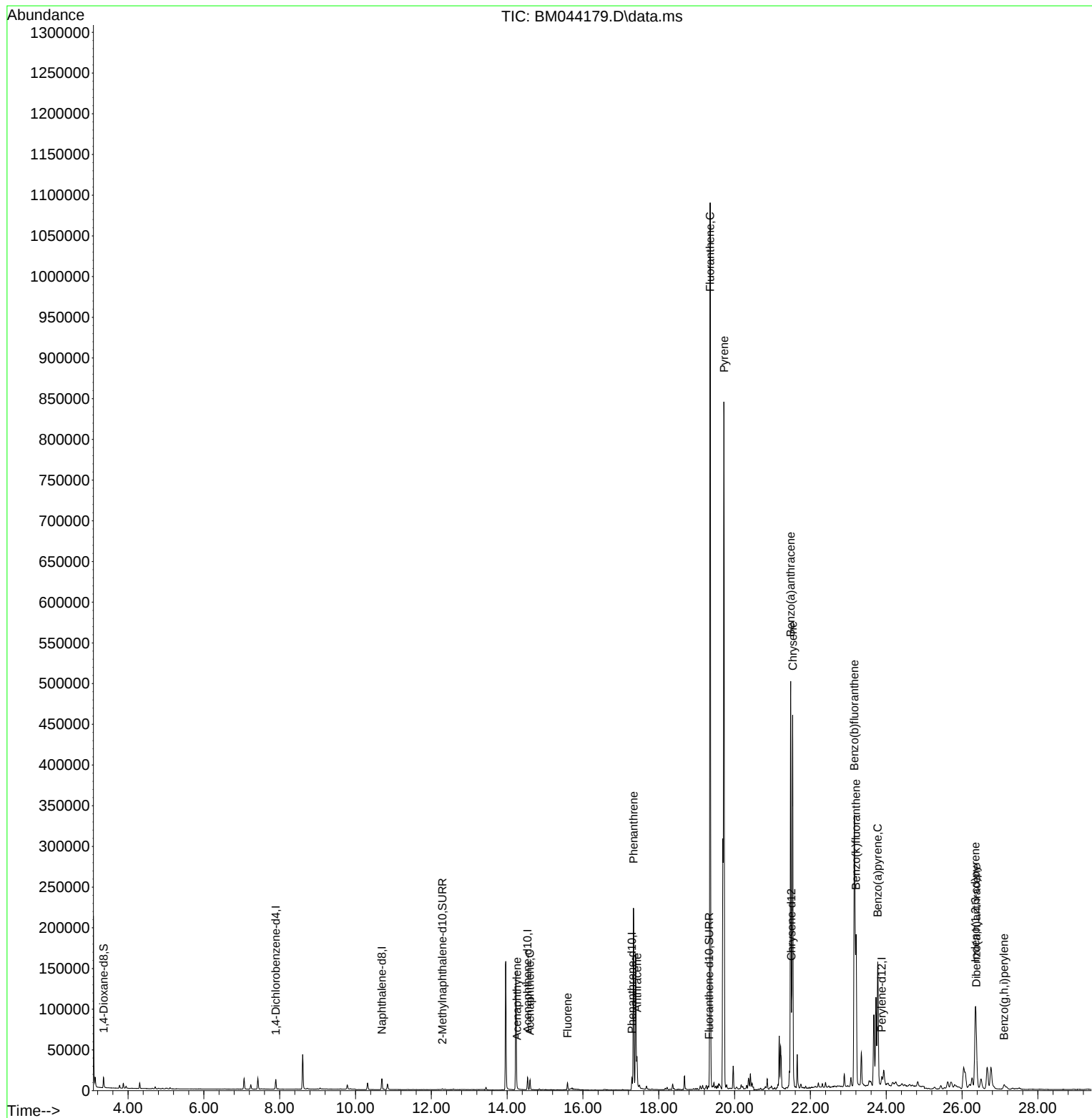
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044179.D
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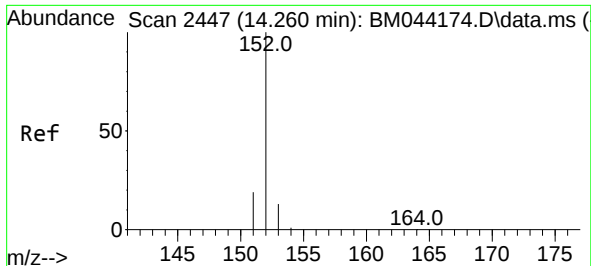
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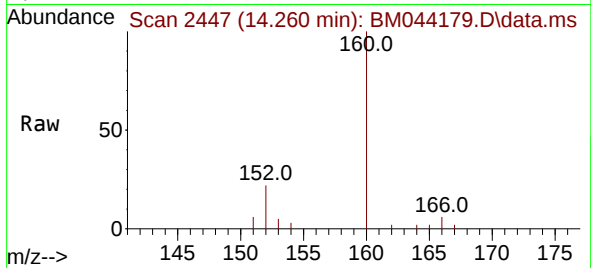
Quant Time: Feb 19 17:01:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.260 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM044179.D
Acq: 19 Feb 2024 15:54

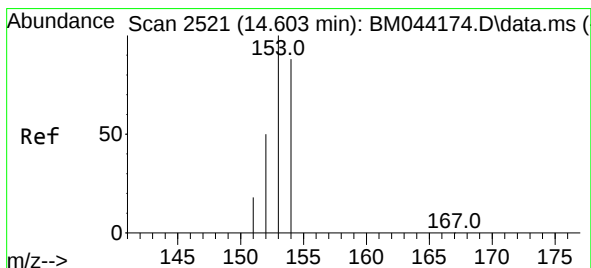
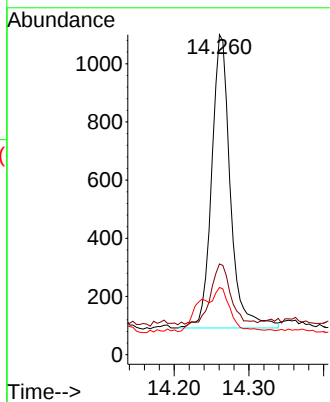
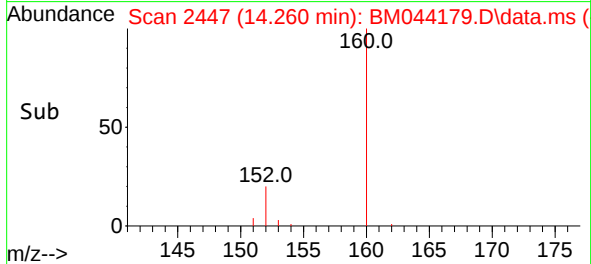
Instrument :
BNA_M
ClientSampleId :
C0FN3DL



Tgt Ion:152 Resp: 1750
Ion Ratio Lower Upper
152 100
151 28.4 15.5 23.3
153 21.0 10.8 16.2

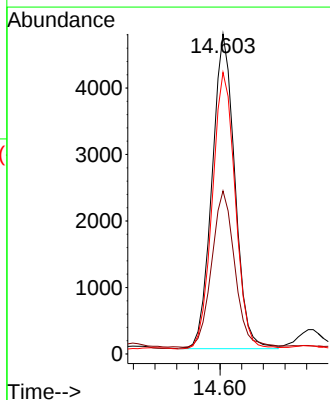
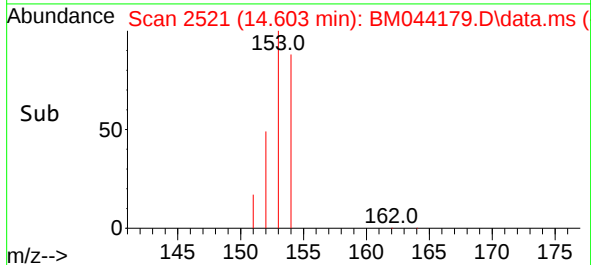
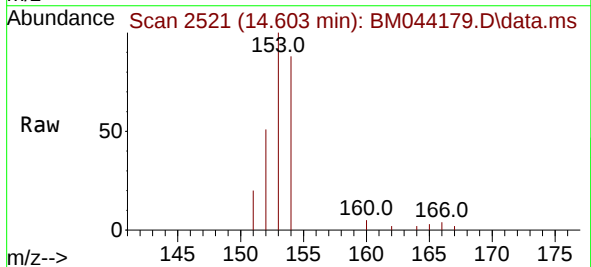
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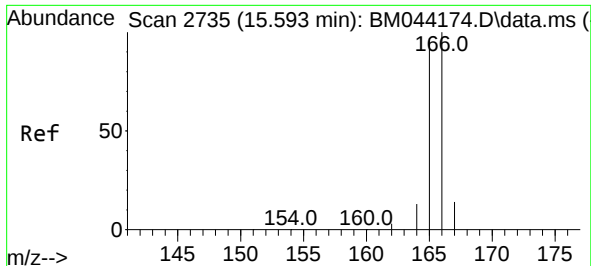
Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



#11
Acenaphthene
Concen: 0.204 ng/ul
RT: 14.603 min Scan# 2521
Delta R.T. -0.005 min
Lab File: BM044179.D
Acq: 19 Feb 2024 15:54

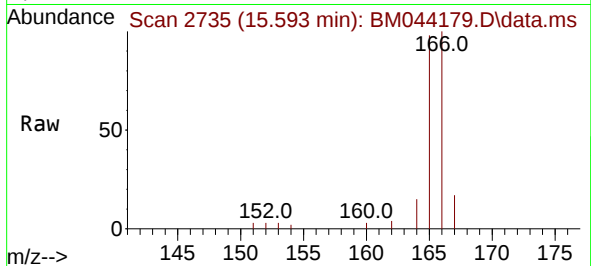
Tgt Ion:153 Resp: 6922
Ion Ratio Lower Upper
153 100
152 51.0 40.6 61.0
154 88.0 70.1 105.1





#12
Fluorene
Concen: 0.147 ng/ul
RT: 15.593 min Scan# 2735
Delta R.T. -0.005 min
Lab File: BM044179.D
Acq: 19 Feb 2024 15:54

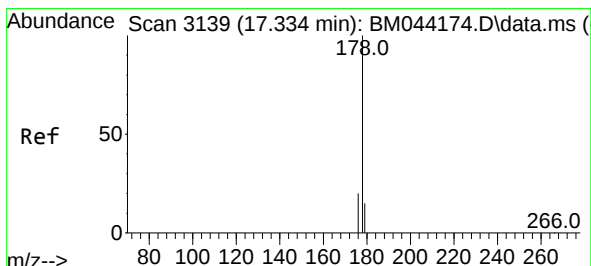
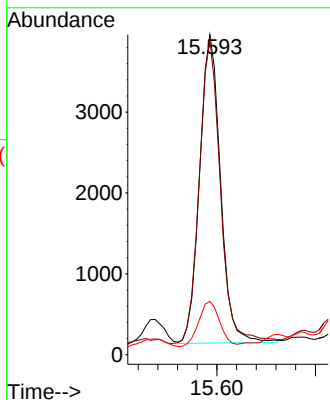
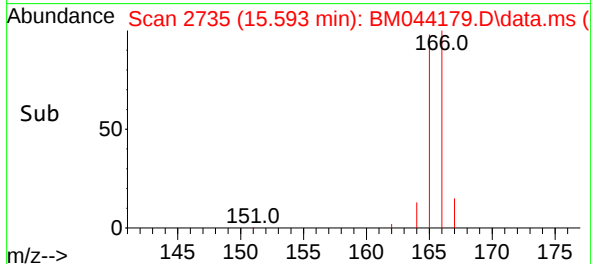
Instrument :
BNA_M
ClientSampleId :
C0FN3DL



Tgt Ion:166 Resp: 5618
Ion Ratio Lower Upper
166 100
165 98.4 79.8 119.6
167 16.6 11.1 16.7

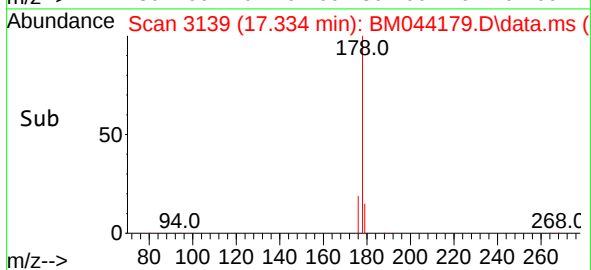
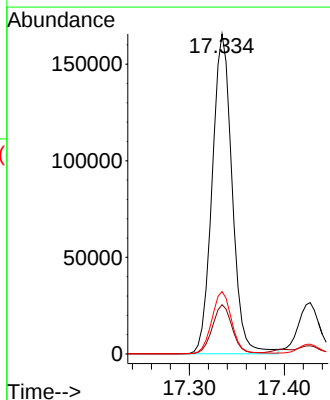
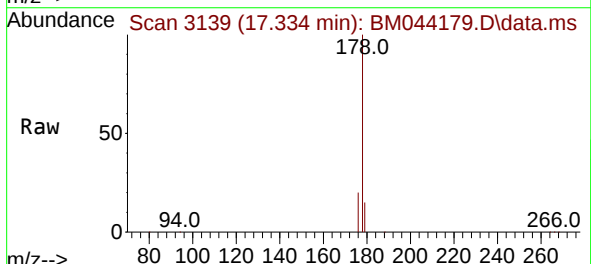
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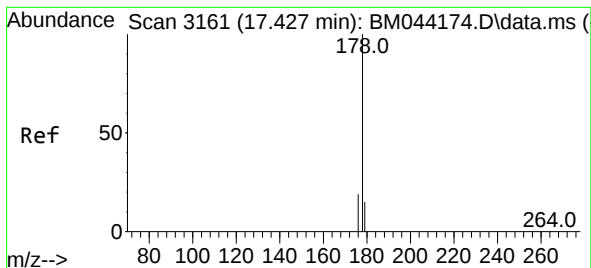
Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



#15
Phenanthrene
Concen: 4.424 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM044179.D
Acq: 19 Feb 2024 15:54

Tgt Ion:178 Resp: 241814
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.5 16.0 24.0





#16

Anthracene

Concen: 0.721 ng/u1

RT: 17.427 min Scan# 3161

Delta R.T. -0.008 min

Lab File: BM044179.D

Acq: 19 Feb 2024 15:54

Instrument :

BNA_M

ClientSampleId :

C0FN3DL

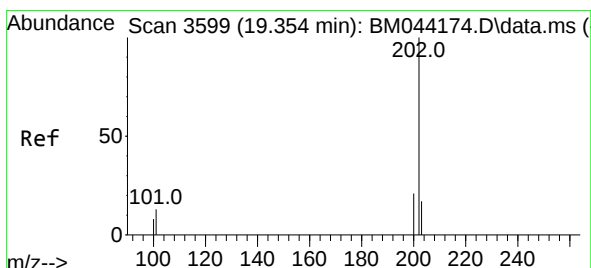
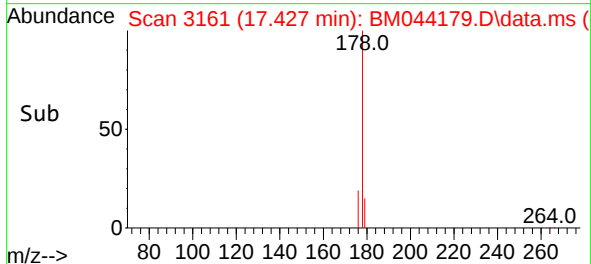
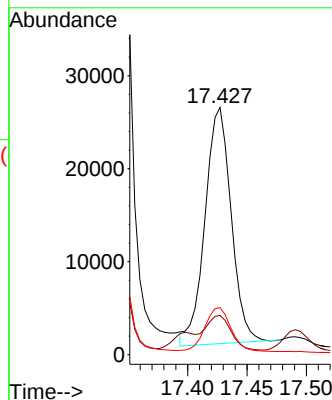
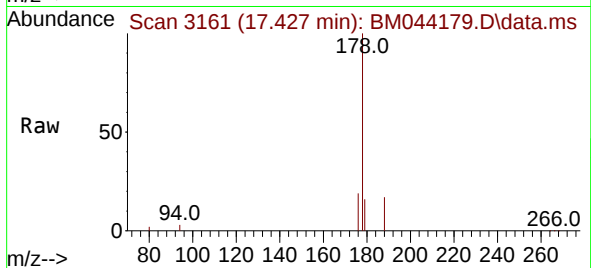
Tgt Ion:178	Resp:	3901
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.8 19.2
176	19.1	15.3 22.9

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#19

Fluoranthene

Concen: 16.342 ng/u1

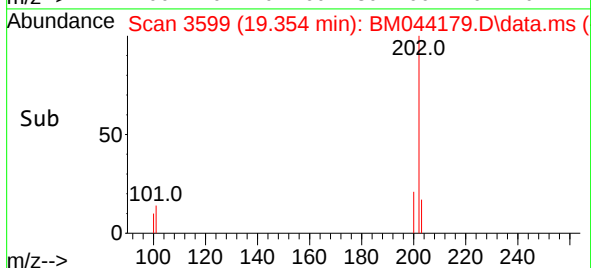
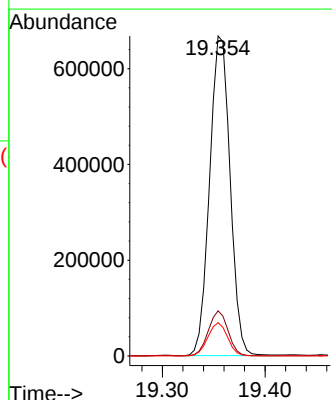
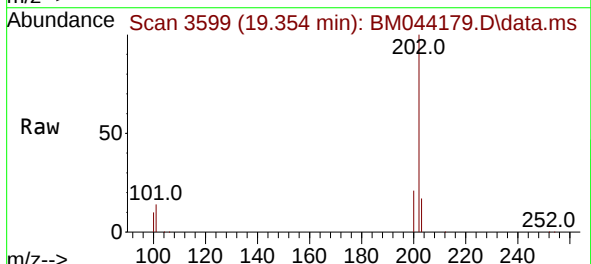
RT: 19.354 min Scan# 3599

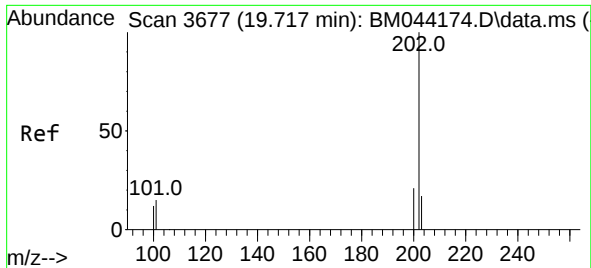
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Lab File: BM044179.D

Acq: 19 Feb 2024 15:54

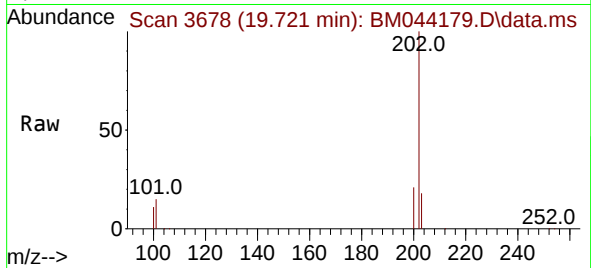
Tgt Ion:202	Resp:	926007
Ion Ratio	Lower	Upper
202	100	
101	14.1	9.8 14.6
100	10.4	7.0 10.4





#20
Pyrene
Concen: 12.124 ng/ul
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM044179.D
Acq: 19 Feb 2024 15:54

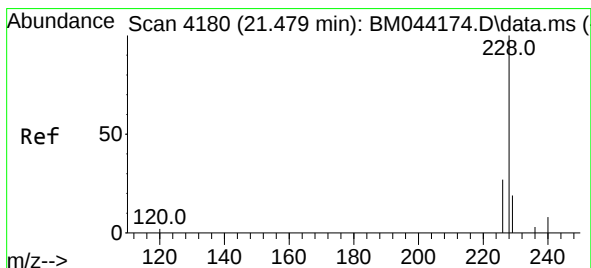
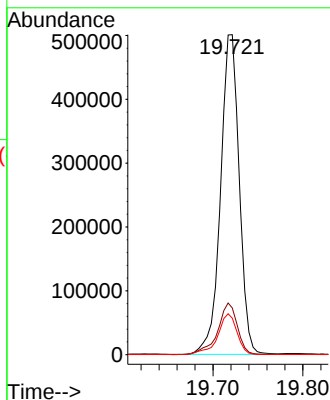
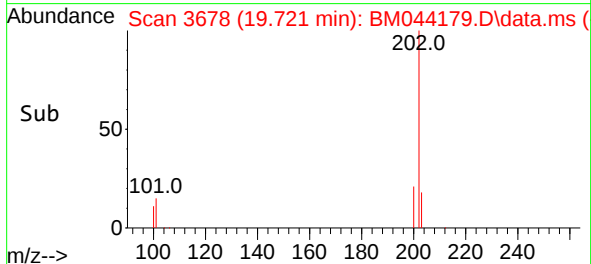
Instrument :
BNA_M
ClientSampleId :
C0FN3DL



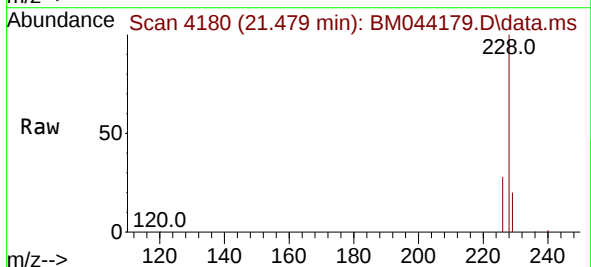
Tgt Ion:202 Resp: 72248
Ion Ratio Lower Upper
202 100
101 14.6 11.2 16.8
100 11.4 8.6 13.0

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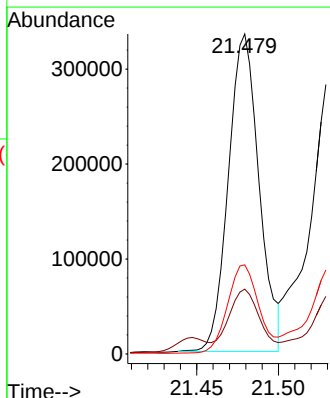
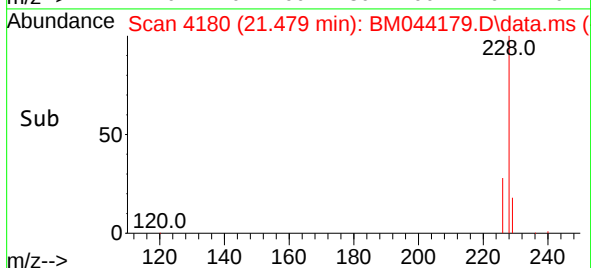
Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024

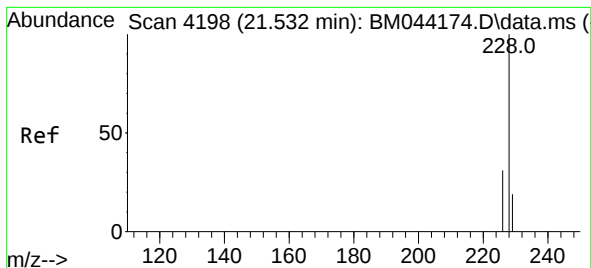


#21
Benzo(a)anthracene
Concen: 7.676 ng/ul
RT: 21.479 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BM044179.D
Acq: 19 Feb 2024 15:54



Tgt Ion:228 Resp: 436889
Ion Ratio Lower Upper
228 100
229 20.3 15.4 23.2
226 27.9 22.1 33.1





#22

Chrysene

Concen: 7.350 ng/u1

RT: 21.532 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM044179.D

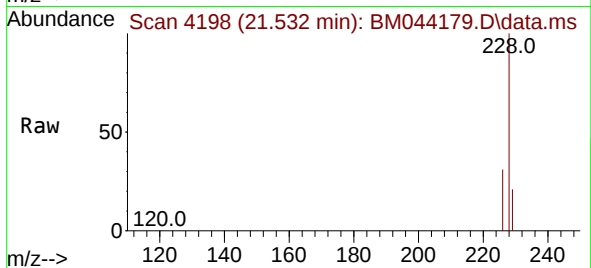
Acq: 19 Feb 2024 15:54

Instrument :

BNA_M

ClientSampleId :

C0FN3DL



Tgt Ion:228 Resp: 451088

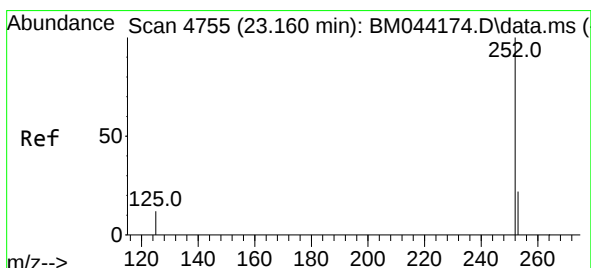
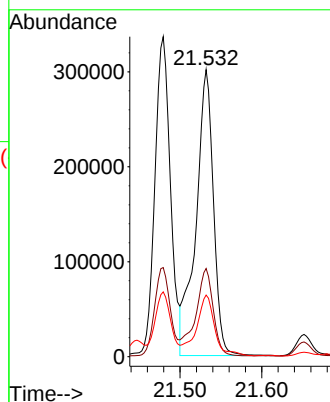
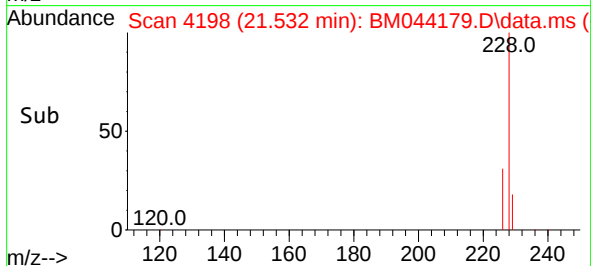
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	21.5	15.8	23.6

Manual Integrations

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Supervised By :mohammad ahmed 02/21/2024



#24

Benzo(b)fluoranthene

Concen: 9.262 ng/u1

RT: 23.160 min Scan# 4755

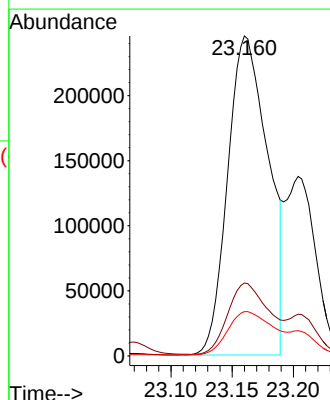
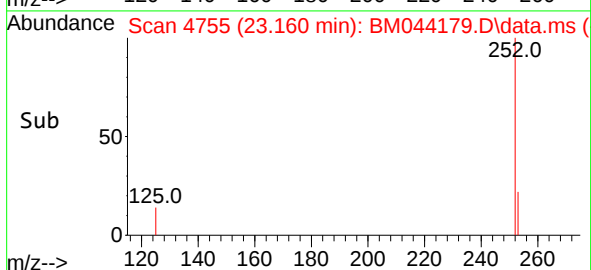
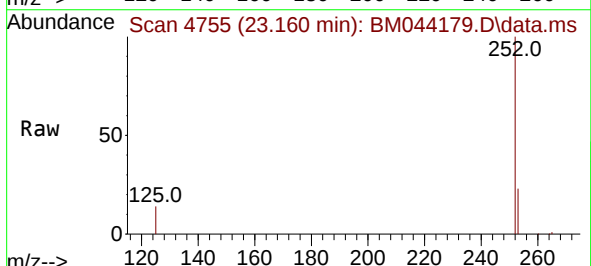
Delta R.T. -0.003 min

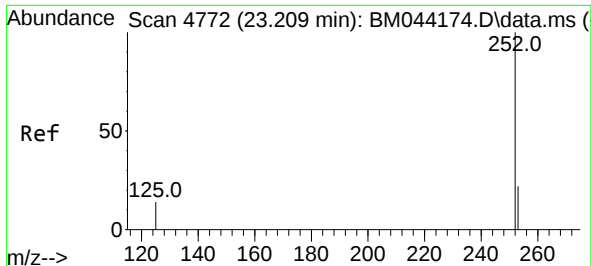
Lab File: BM044179.D

Acq: 19 Feb 2024 15:54

Tgt Ion:252 Resp: 561104

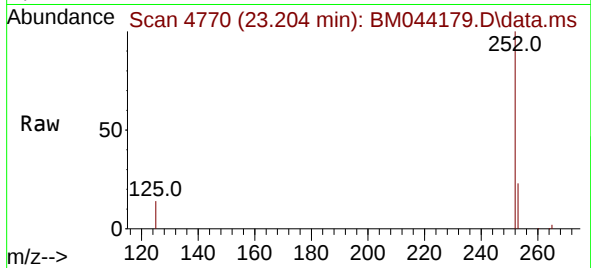
Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	50.0
125	13.9	0.0	28.2





#25
Benzo(k)fluoranthene
Concen: 3.696 ng/ul m
RT: 23.204 min Scan# 4770
Delta R.T. -0.009 min
Lab File: BM044179.D
Acq: 19 Feb 2024 15:54

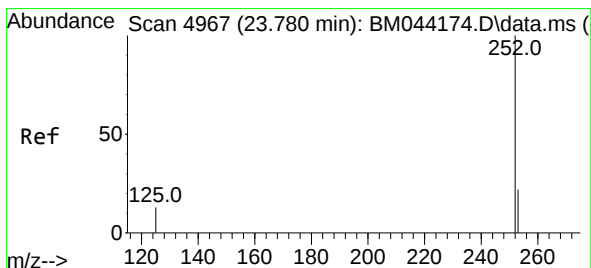
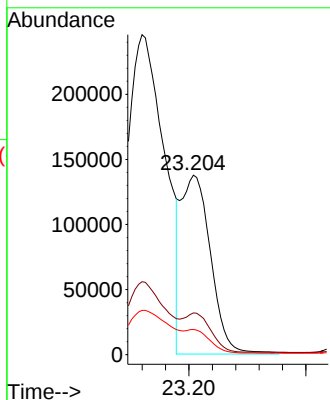
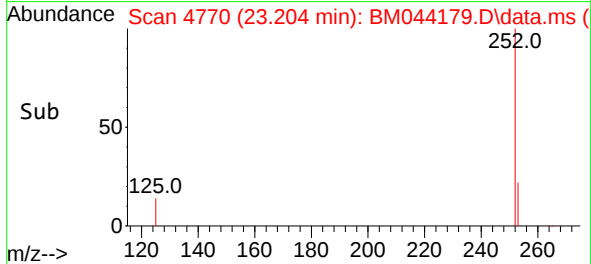
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C0FN3DL



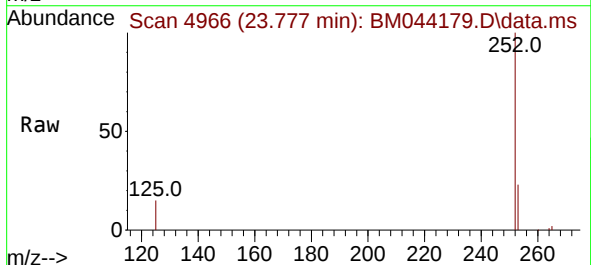
Tgt Ion:252 Resp: 24306
Ion Ratio Lower Upper
252 100
253 23.3 20.1 30.1
125 14.1 12.3 18.5

Manual Integrations
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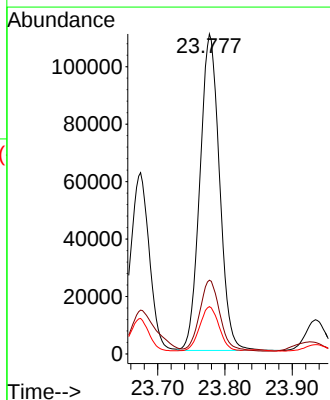
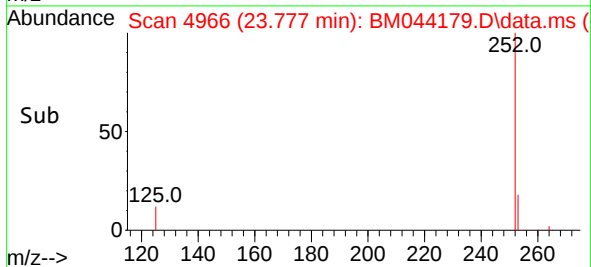
Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024

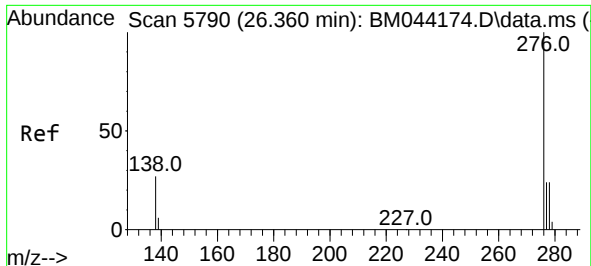


#26
Benzo(a)pyrene
Concen: 3.958 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. -0.009 min
Lab File: BM044179.D
Acq: 19 Feb 2024 15:54



Tgt Ion:252 Resp: 222889
Ion Ratio Lower Upper
252 100
253 23.1 21.4 32.2
125 14.8 13.3 19.9





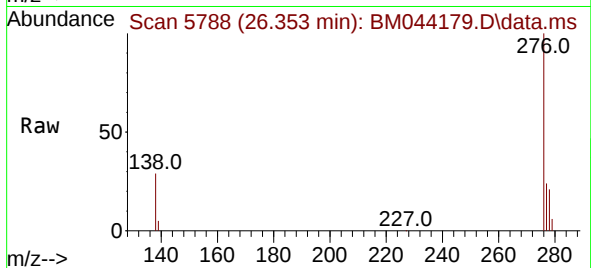
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.359 ng/ul
RT: 26.353 min Scan# 5788
Delta R.T. -0.017 min
Lab File: BM044179.D
Acq: 19 Feb 2024 15:54

Instrument :

BNA_M

ClientSampleId :

C0FN3DL



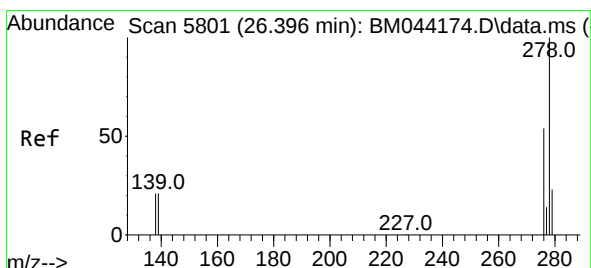
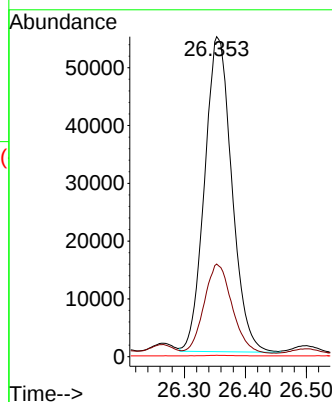
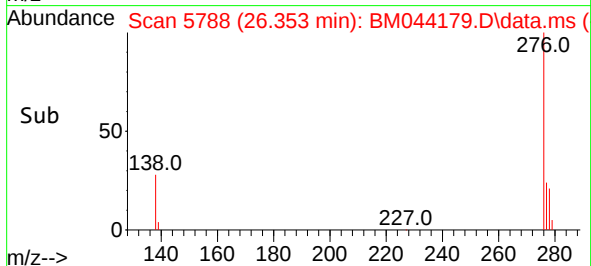
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Ion Ratio Lower Upper
276 100
138 29.0 25.2 37.8
227 0.2 0.1 0.1

Manual Integrations

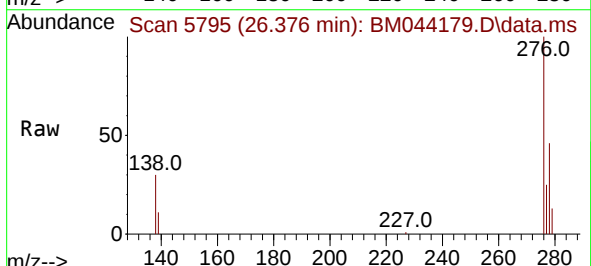
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Reviewed By :Yogesh Patel 02/20/2024

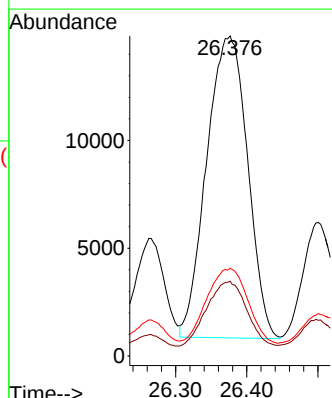
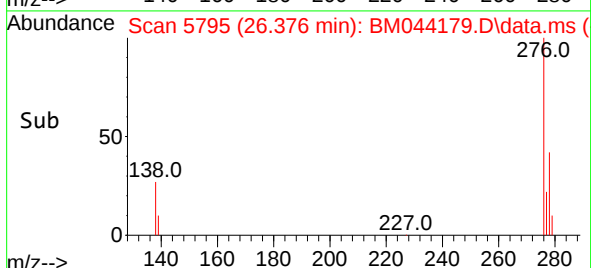
Supervised By :mohammad ahmed 02/21/2024

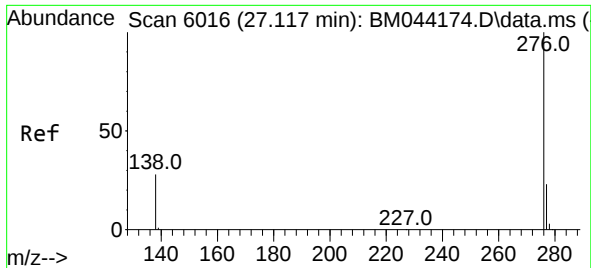


#28
Dibenzo(a,h)anthracene
Concen: 0.990 ng/ul
RT: 26.376 min Scan# 5795
Delta R.T. -0.033 min
Lab File: BM044179.D
Acq: 19 Feb 2024 15:54



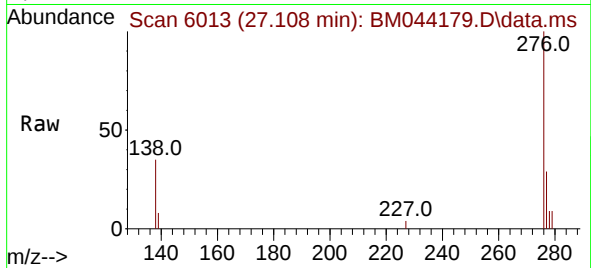
Tgt Ion:278 Resp: 55911
Ion Ratio Lower Upper
278 100
139 23.4 17.8 26.8
279 27.4 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 0.218 ng/ul
RT: 27.108 min Scan# 6013
Delta R.T. -0.020 min
Lab File: BM044179.D
Acq: 19 Feb 2024 15:54

Instrument :
BNA_M
ClientSampleId :
C0FN3DL



Tgt Ion: 276 Resp: 13825
Ion Ratio Lower Upper
276 100
138 35.4 22.7 34.1
277 28.7 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024

