

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046177.D
 Acq On : 22 Jun 2024 02:16
 Operator : MA/JU
 Sample : P2710-12DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BM1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 22 02:46:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	2724	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.233	136	7644	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.081	164	4509	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.825	188	8634	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240	7562	0.400	ng/ul	-0.02
23) Perylene-d12	23.110	264	8596m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	2462	0.659	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.871	152	476	0.046	ng/ul	0.00
18) Fluoranthene-d10	18.853	212	1186	0.052	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.799	152	481	0.022	ng/ul#	40
11) Acenaphthene	14.141	153	749	0.049	ng/ul	94
12) Fluorene	15.136	166	905	0.055	ng/ul#	96
15) Phenanthrene	16.863	178	25516	1.052	ng/ul	97
16) Anthracene	16.956	178	6846	0.379	ng/ul	99
19) Fluoranthene	18.881	202	44415	1.357	ng/ul	97
20) Pyrene	19.244	202	46280	1.307	ng/ul	96
21) Benzo(a)anthracene	21.003	228	23239	0.796	ng/ul	98
22) Chrysene	21.052	228	22080	0.592	ng/ul	99
24) Benzo(b)fluoranthene	22.496	252	22958m	0.741	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	8354m	0.227	ng/ul	
26) Benzo(a)pyrene	22.928	252	11519	0.401	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.168	276	10539	0.224	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.168	278	2573	0.074	ng/ul#	67
29) Benzo(g,h,i)perylene	25.792	276	10359	0.257	ng/ul	98

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

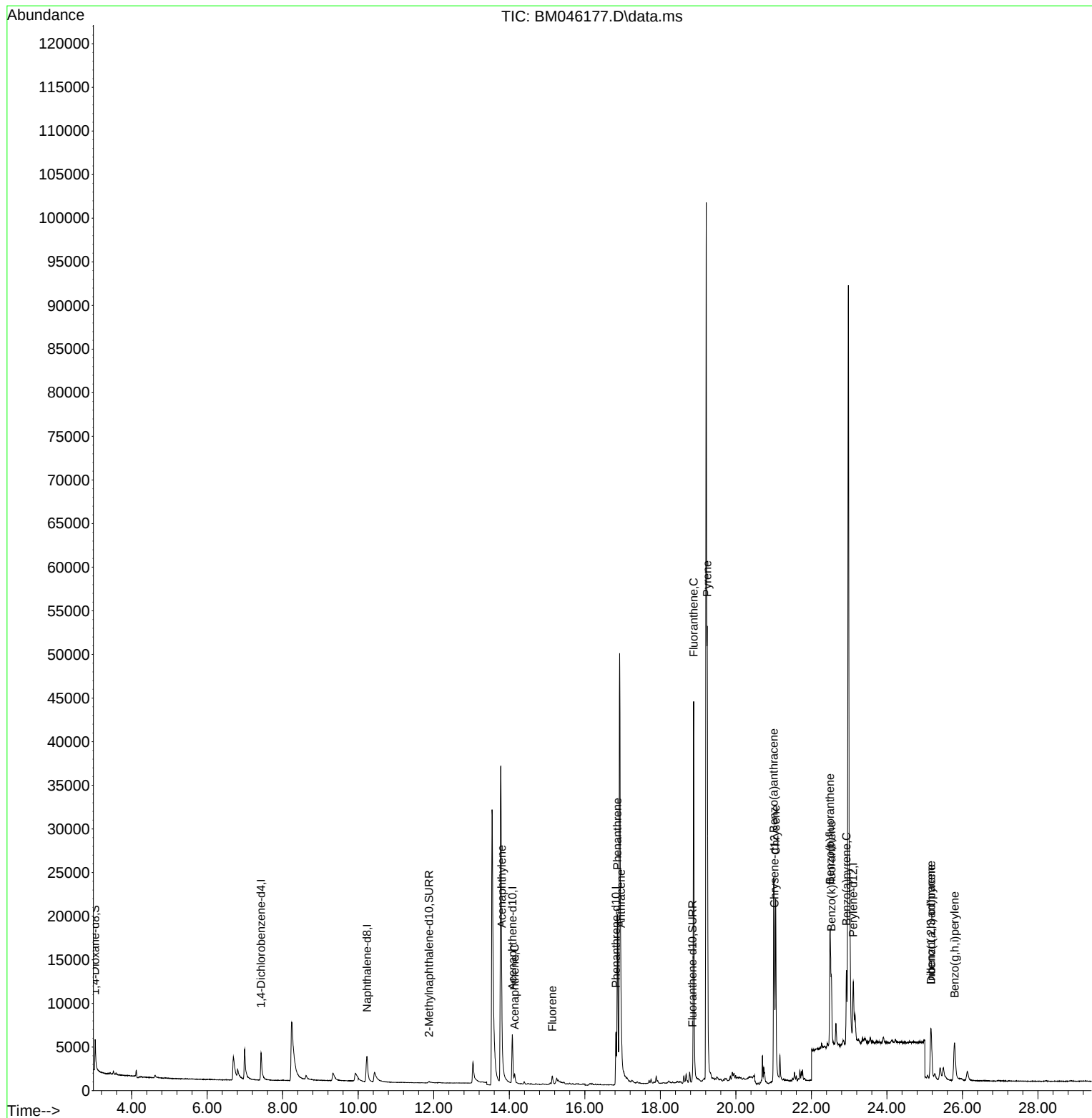
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046177.D
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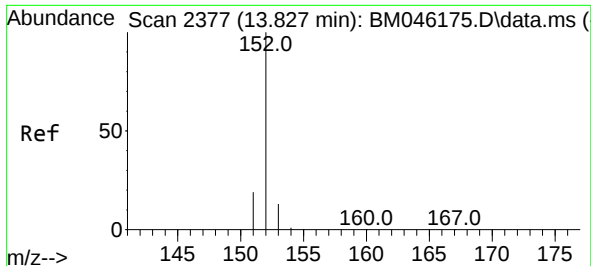
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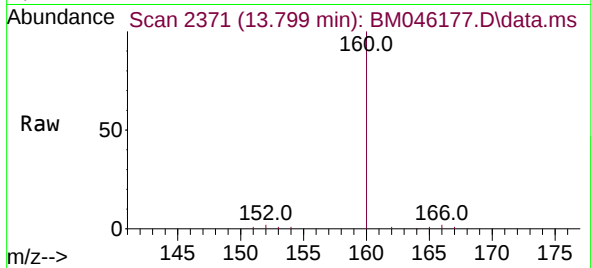
Quant Time: Jun 22 02:46:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 13.799 min Scan# 21
Delta R.T. -0.036 min
Lab File: BM046177.D
Acq: 22 Jun 2024 02:16

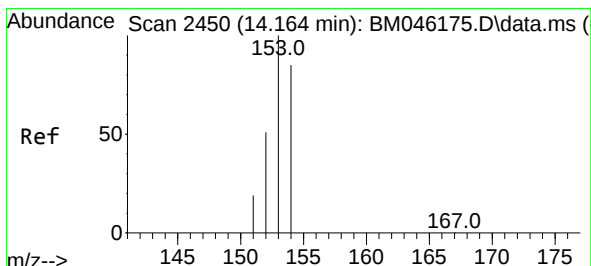
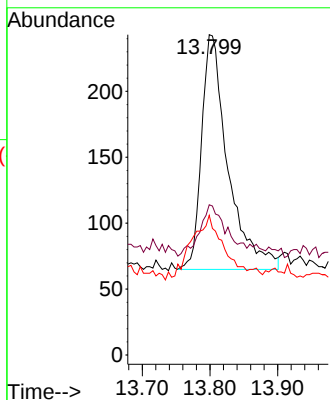
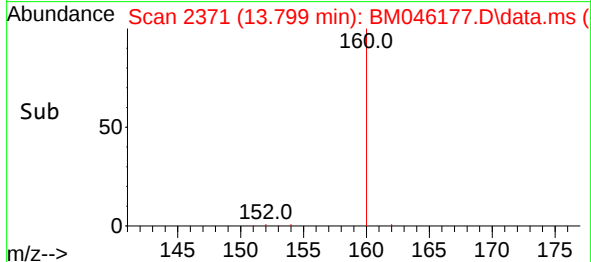
Instrument :
BNA_M
ClientSampleId :
A4BM1DL



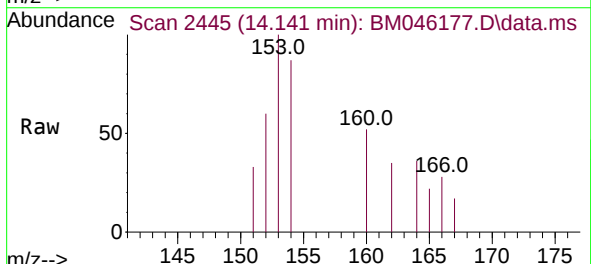
Tgt Ion:152 Resp: 48
Ion Ratio Lower Upper
152 100
151 46.9 17.4 26.2
153 43.6 11.8 17.8

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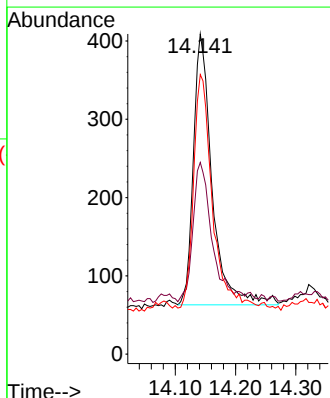
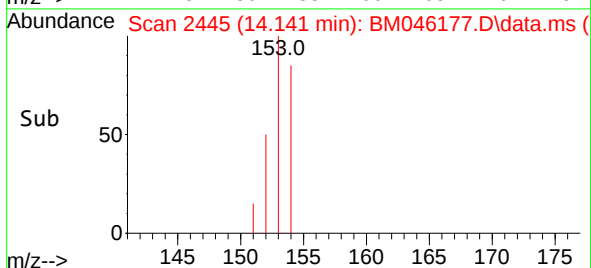
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

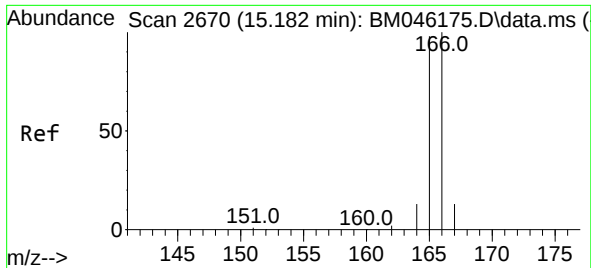


#11
Acenaphthene
Concen: 0.049 ng/ul
RT: 14.141 min Scan# 2445
Delta R.T. -0.031 min
Lab File: BM046177.D
Acq: 22 Jun 2024 02:16



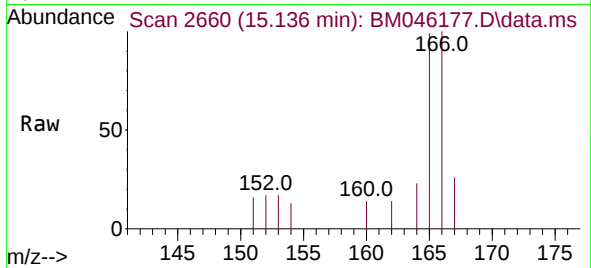
Tgt Ion:153 Resp: 749
Ion Ratio Lower Upper
153 100
152 59.9 41.3 61.9
154 87.3 68.2 102.4





#12
Fluorene
Concen: 0.055 ng/uI
RT: 15.136 min Scan# 20
Delta R.T. -0.045 min
Lab File: BM046177.D
Acq: 22 Jun 2024 02:16

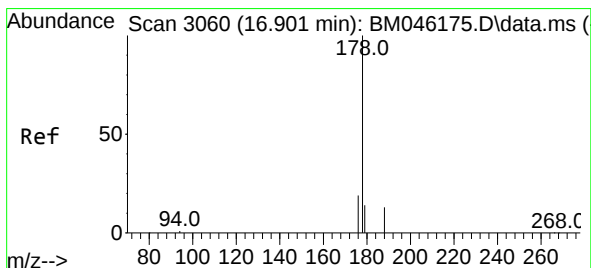
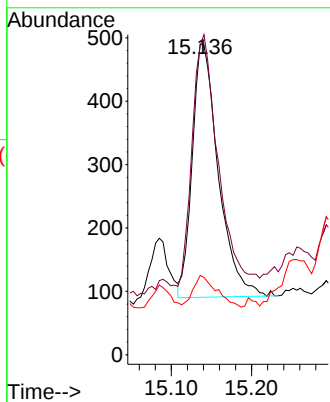
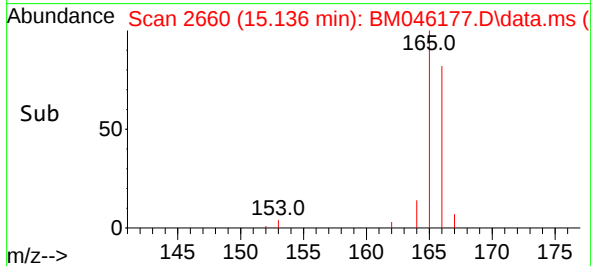
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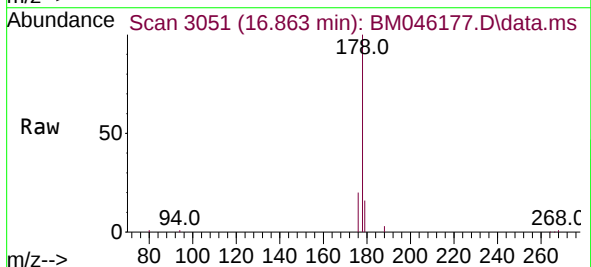
Tgt Ion:166 Resp: 90
Ion Ratio Lower Upper
166 100
165 99.4 80.4 120.6
167 25.5 12.4 18.6

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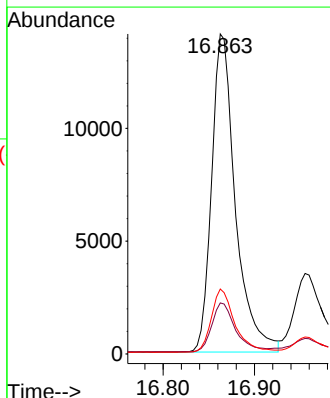
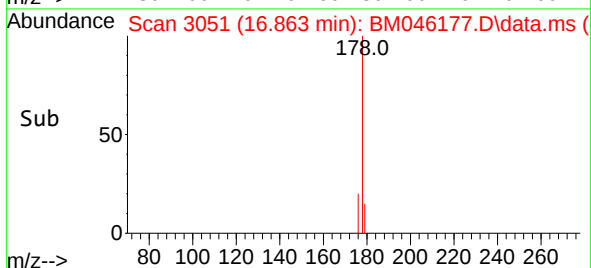
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

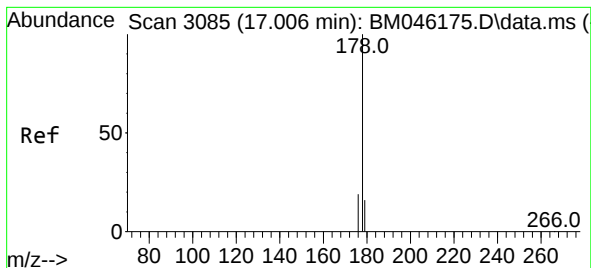


#15
Phenanthrene
Concen: 1.052 ng/uI
RT: 16.863 min Scan# 3051
Delta R.T. -0.041 min
Lab File: BM046177.D
Acq: 22 Jun 2024 02:16



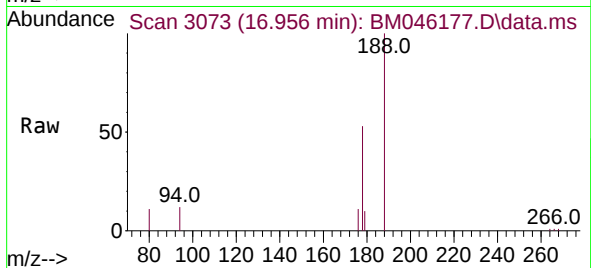
Tgt Ion:178 Resp: 25516
Ion Ratio Lower Upper
178 100
179 15.9 14.2 21.2
176 20.3 17.1 25.7





#16
Anthracene
Concen: 0.379 ng/ul
RT: 16.956 min Scan# 3085
Delta R.T. -0.049 min
Lab File: BM046177.D
Acq: 22 Jun 2024 02:16

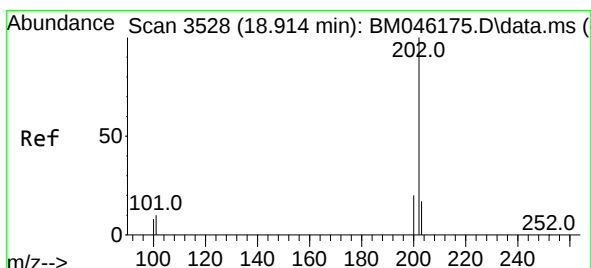
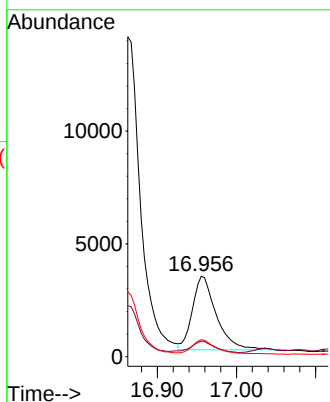
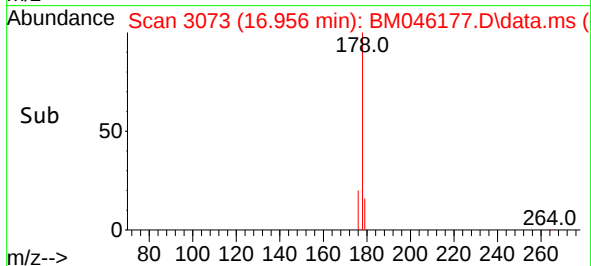
Instrument :
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ClientSampleId :
A4BM1DL



Tgt Ion:178 Resp: 6840
Ion Ratio Lower Upper
178 100
179 19.2 14.9 22.3
176 21.2 17.0 25.4

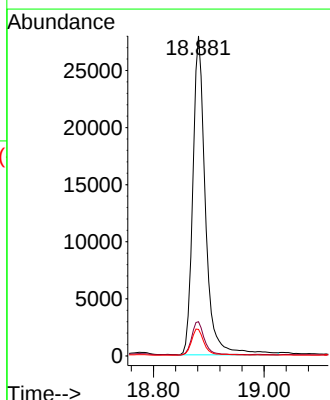
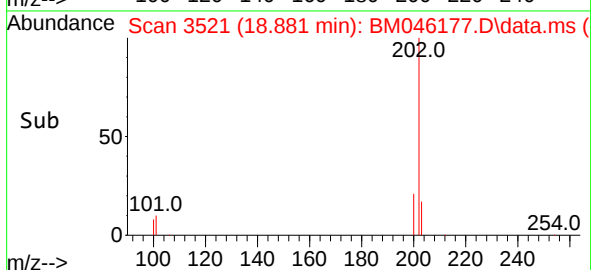
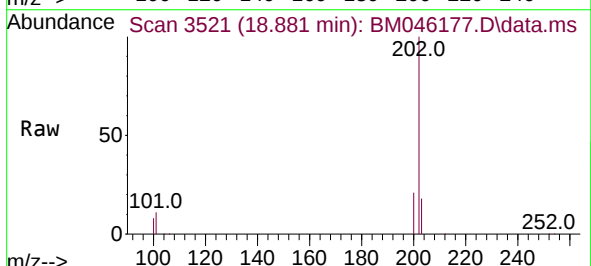
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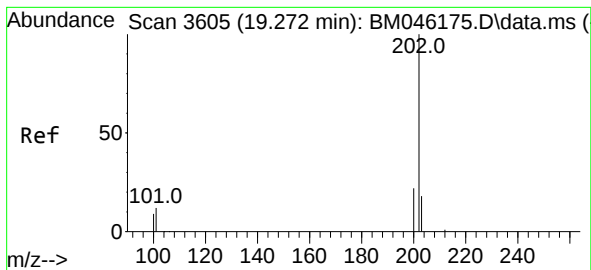
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#19
Fluoranthene
Concen: 1.357 ng/ul
RT: 18.881 min Scan# 3521
Delta R.T. -0.036 min
Lab File: BM046177.D
Acq: 22 Jun 2024 02:16

Tgt Ion:202 Resp: 44415
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
100 8.3 7.6 11.4





#20

Pyrene

Concen: 1.307 ng/ul

RT: 19.244 min Scan# 3

Delta R.T. -0.031 min

Lab File: BM046177.D

Acq: 22 Jun 2024 02:16

Instrument :

BNA_M

ClientSampleId :

A4BM1DL

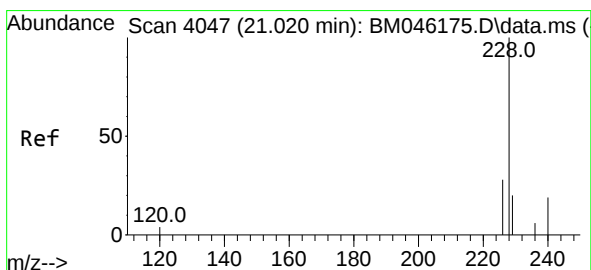
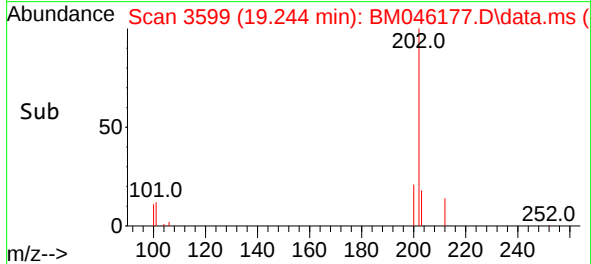
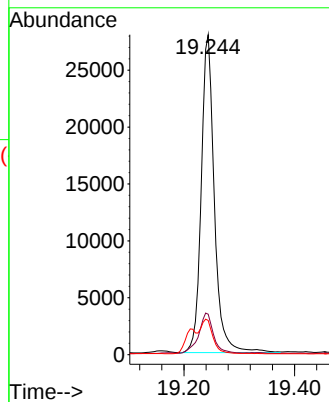
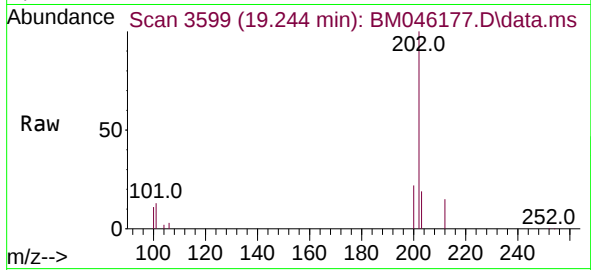
Tgt Ion:	202	Resp:	46280
Ion Ratio	Lower	Upper	
202	100		
101	12.6	11.3	16.9
100	10.7	9.8	14.6

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#21

Benzo(a)anthracene

Concen: 0.796 ng/ul

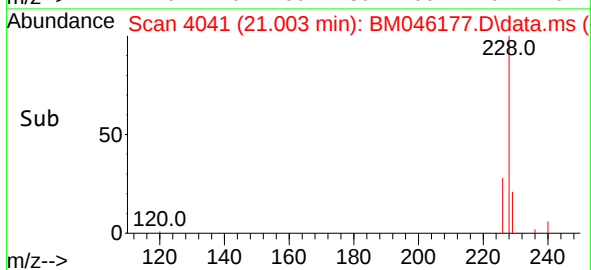
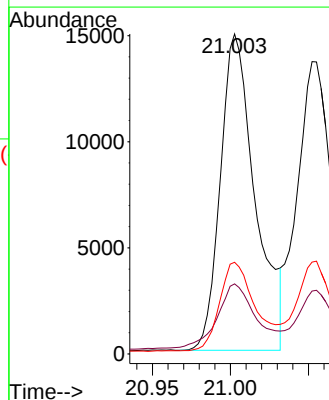
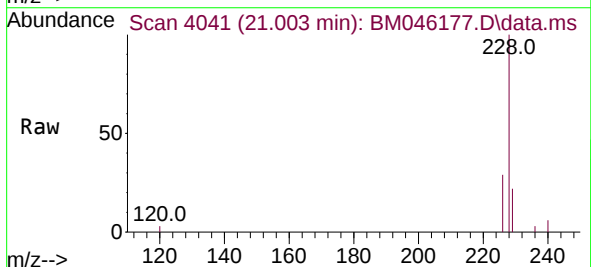
RT: 21.003 min Scan# 4041

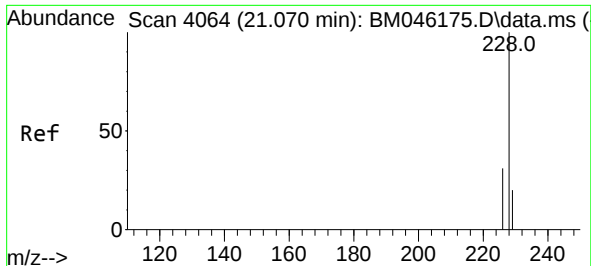
Delta R.T. -0.027 min

Lab File: BM046177.D

Acq: 22 Jun 2024 02:16

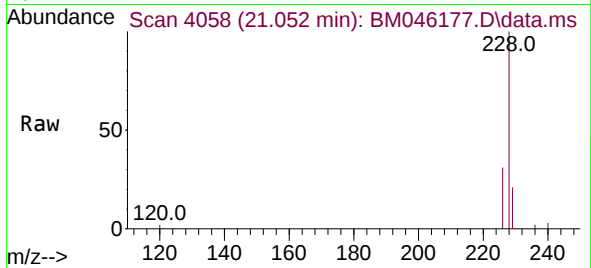
Tgt Ion:	228	Resp:	23239
Ion Ratio	Lower	Upper	
228	100		
229	21.9	16.4	24.6
226	28.6	23.4	35.2





#22
Chrysene
Concen: 0.592 ng/ul
RT: 21.052 min Scan# 4058
Delta R.T. -0.024 min
Lab File: BM046177.D
Acq: 22 Jun 2024 02:16

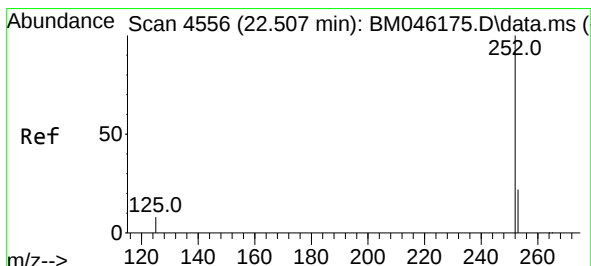
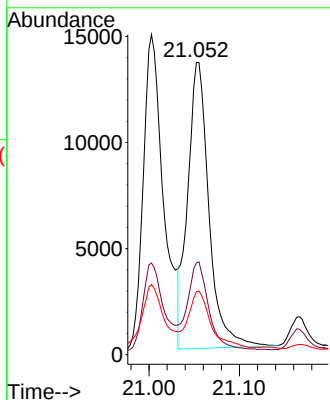
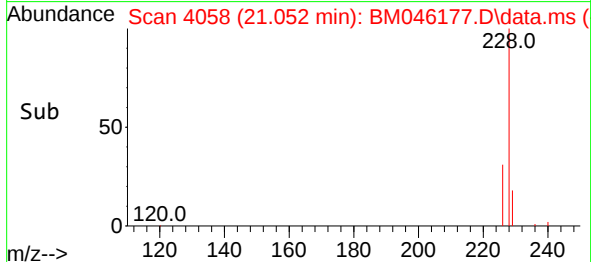
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Tgt Ion:228 Resp: 22080
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.5 16.3 24.5

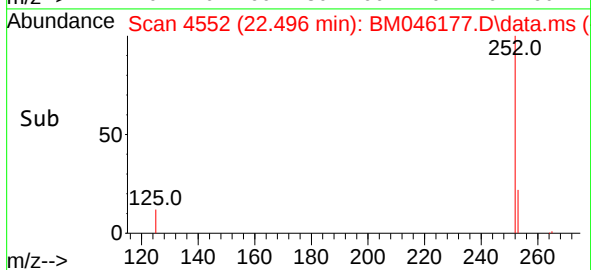
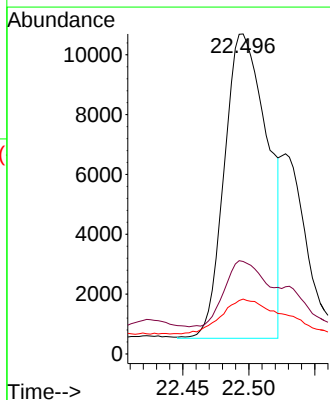
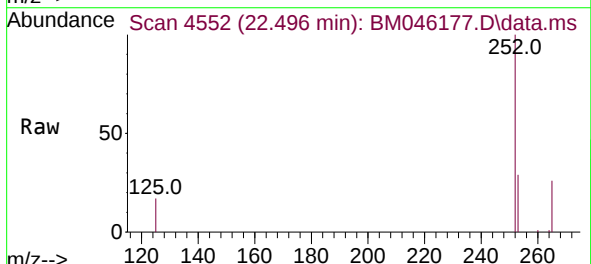
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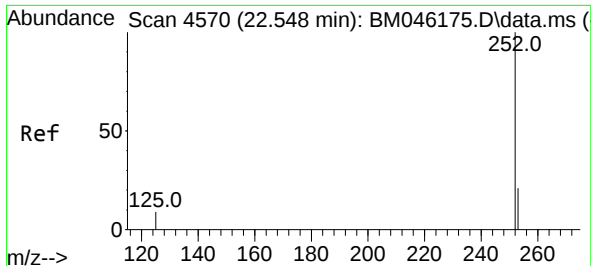
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#24
Benzo(b)fluoranthene
Concen: 0.741 ng/ul m
RT: 22.496 min Scan# 4552
Delta R.T. -0.024 min
Lab File: BM046177.D
Acq: 22 Jun 2024 02:16

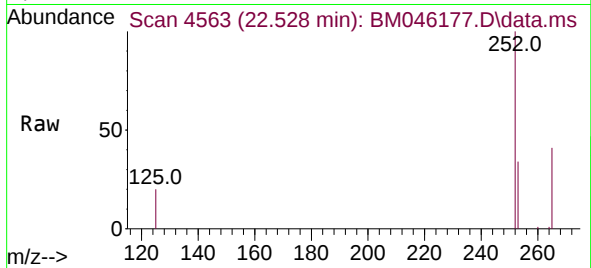
Tgt Ion:252 Resp: 22958
Ion Ratio Lower Upper
252 100
253 28.9 0.0 65.8
125 17.2 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.227 ng/ul m
RT: 22.528 min Scan# 41
Delta R.T. -0.035 min
Lab File: BM046177.D
Acq: 22 Jun 2024 02:16

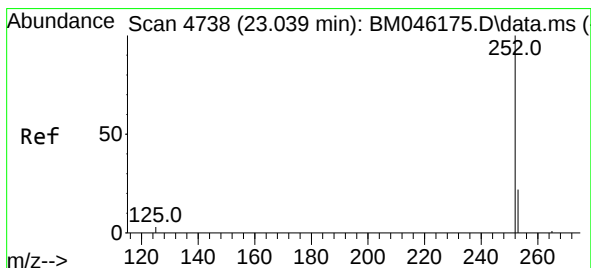
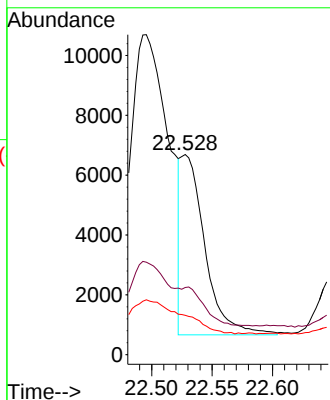
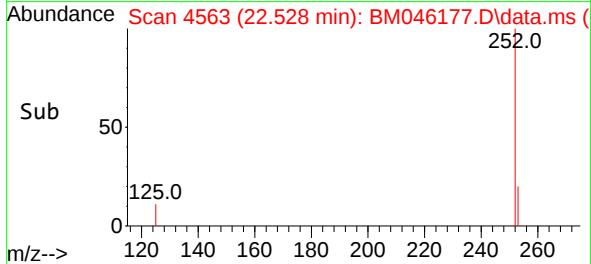
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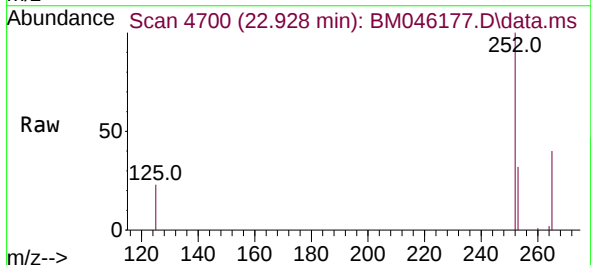
Tgt Ion:252 Resp: 8354
Ion Ratio Lower Upper
252 100
253 33.6 27.2 40.8
125 19.7 16.6 25.0

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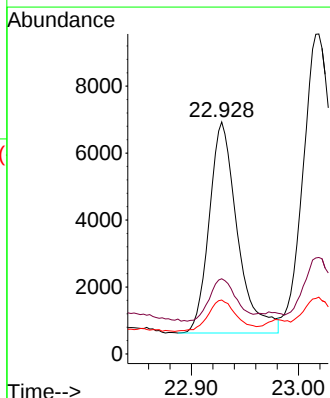
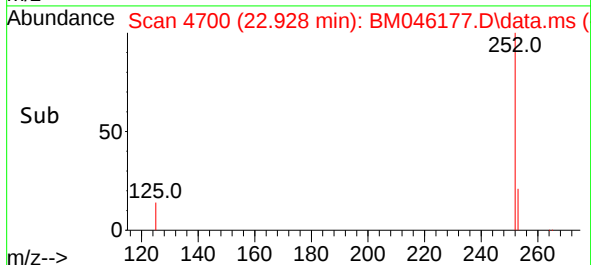
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

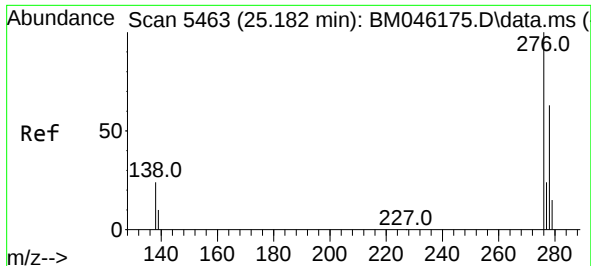


#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 22.928 min Scan# 4700
Delta R.T. -0.126 min
Lab File: BM046177.D
Acq: 22 Jun 2024 02:16



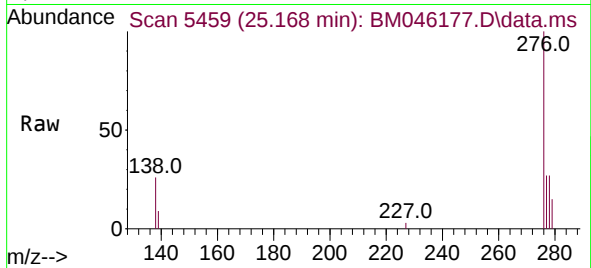
Tgt Ion:252 Resp: 11519
Ion Ratio Lower Upper
252 100
253 32.4 32.1 48.1
125 23.2 21.2 31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.224 ng/ul
RT: 25.168 min Scan# 5459
Delta R.T. -0.034 min
Lab File: BM046177.D
Acq: 22 Jun 2024 02:16

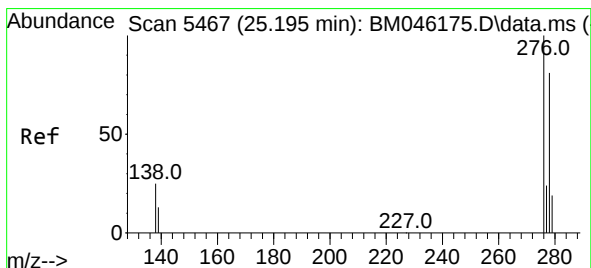
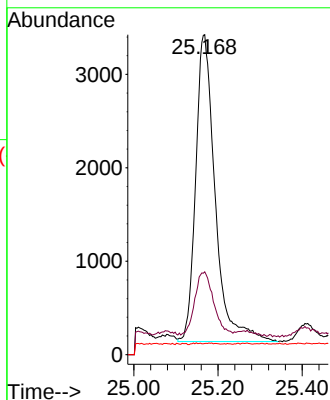
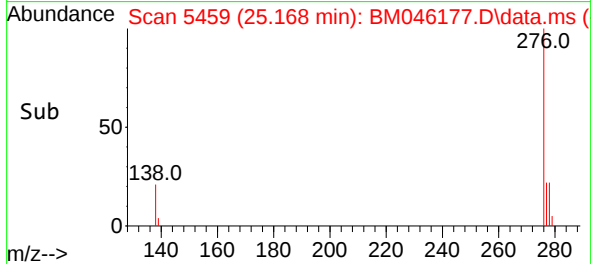
Instrument :
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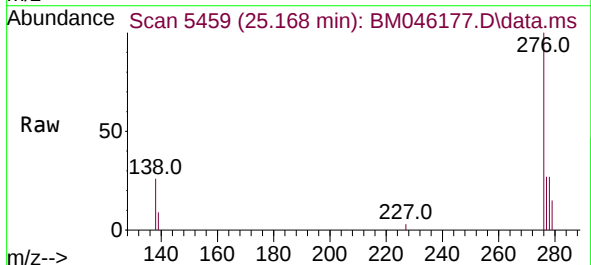
Tgt Ion:276 Resp: 10539
Ion Ratio Lower Upper
276 100
138 19.7 21.0 31.4#
227 0.2 0.0 0.0#

Manual Integrations
APPROVED

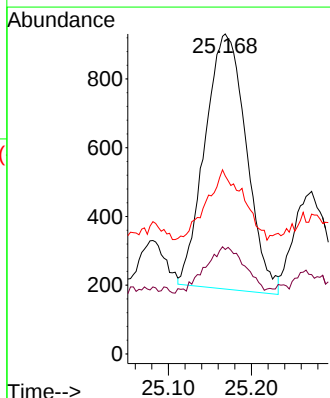
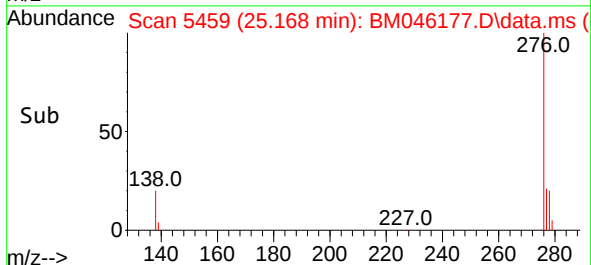
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

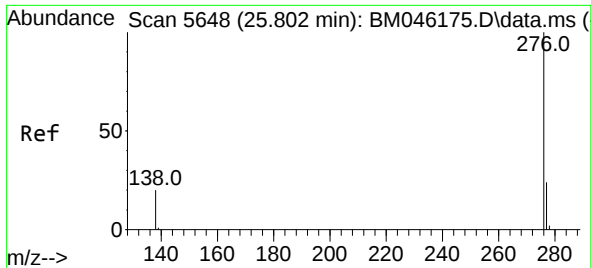


#28
Dibenzo(a,h)anthracene
Concen: 0.074 ng/ul
RT: 25.168 min Scan# 5459
Delta R.T. -0.047 min
Lab File: BM046177.D
Acq: 22 Jun 2024 02:16



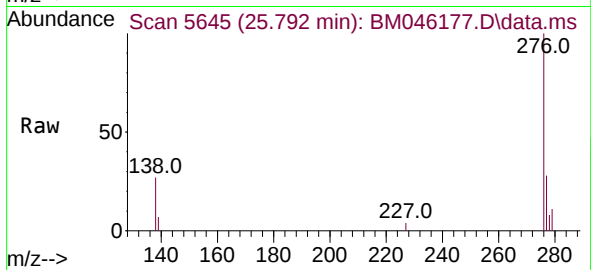
Tgt Ion:278 Resp: 2573
Ion Ratio Lower Upper
278 100
139 32.7 17.6 26.4#
279 55.6 26.3 39.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.257 ng/ul
 RT: 25.792 min Scan# 50
 Delta R.T. -0.037 min
 Lab File: BM046177.D
 Acq: 22 Jun 2024 02:16

Instrument :
 BNA_M
 ClientSampleId :
 A4BM1DL



Tgt Ion:276 Resp: 1035
 Ion Ratio Lower Upper
 276 100
 138 26.7 21.7 32.5
 277 27.7 20.4 30.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

