

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046144.D
 Acq On : 21 Jun 2024 04:30
 Operator : MA/JU
 Sample : P2710-04DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B24DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 05:21:43 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	2830	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.233	136	7698	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.081	164	4480	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.825	188	8879	0.400	ng/ul	-0.04
17) Chrysene-d12	21.023	240	7364	0.400	ng/ul	-0.02
23) Perylene-d12	23.113	264	8834m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	2455	0.632	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	506	0.049	ng/ul	0.00
18) Fluoranthene-d10	18.853	212	1142	0.052	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.804	152	1239	0.058	ng/ul#	79
11) Acenaphthene	14.141	153	547	0.036	ng/ul#	93
12) Fluorene	15.141	166	745	0.045	ng/ul#	97
15) Phenanthrene	16.867	178	16939	0.679	ng/ul	97
16) Anthracene	16.956	178	3184	0.171	ng/ul#	90
19) Fluoranthene	18.886	202	35816	1.123	ng/ul	96
20) Pyrene	19.244	202	27582	0.800	ng/ul	99
21) Benzo(a)anthracene	21.006	228	14956	0.526	ng/ul	98
22) Chrysene	21.055	228	15164	0.418	ng/ul	99
24) Benzo(b)fluoranthene	22.499	252	21841m	0.686	ng/ul	
25) Benzo(k)fluoranthene	22.531	252	8646m	0.229	ng/ul	
26) Benzo(a)pyrene	23.019	252	9047	0.307	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.168	276	8916	0.185	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.165	278	2493	0.069	ng/ul#	66
29) Benzo(g,h,i)perylene	25.786	276	1483	0.036	ng/ul#	54

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

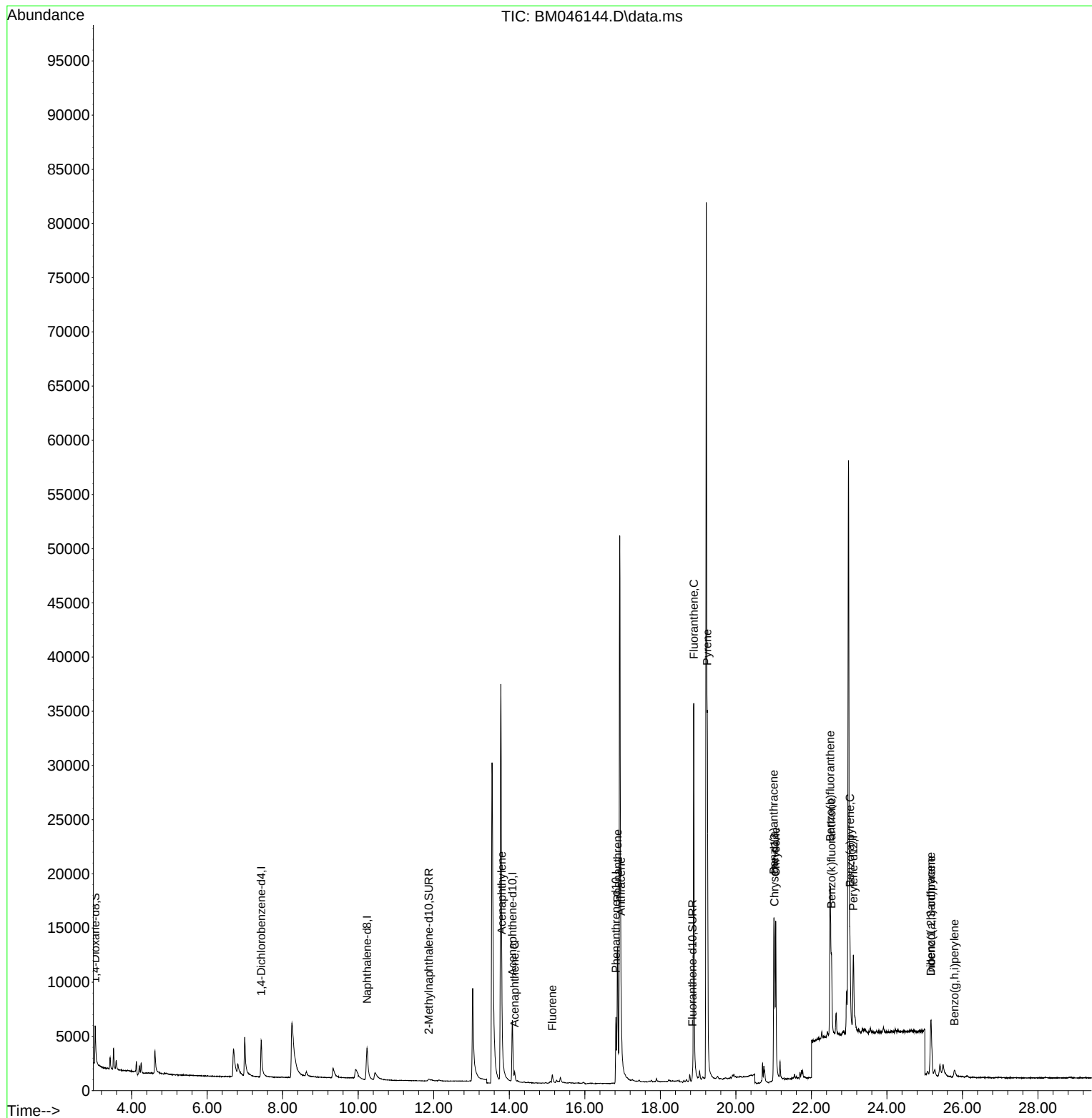
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
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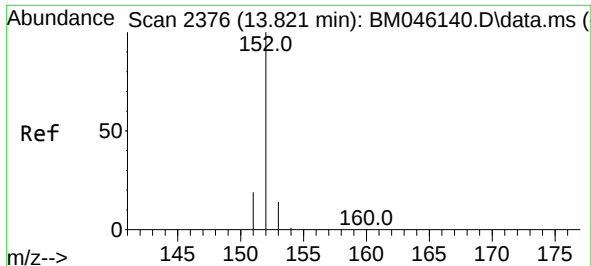
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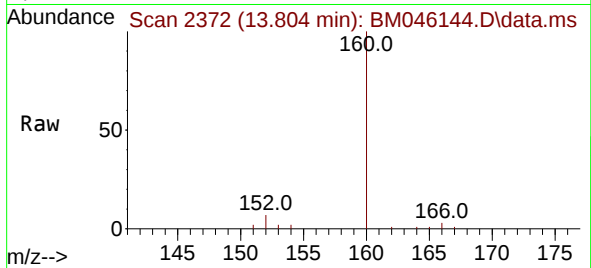
Quant Time: Jun 21 05:21:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 13.804 min Scan# 2139
Delta R.T. -0.031 min
Lab File: BM046144.D
Acq: 21 Jun 2024 04:30

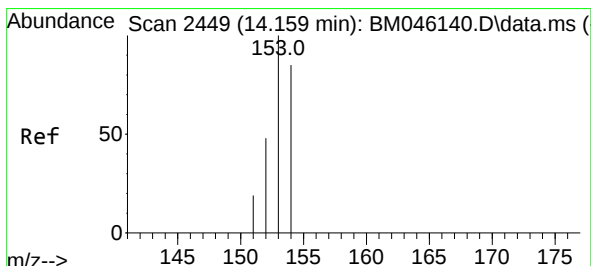
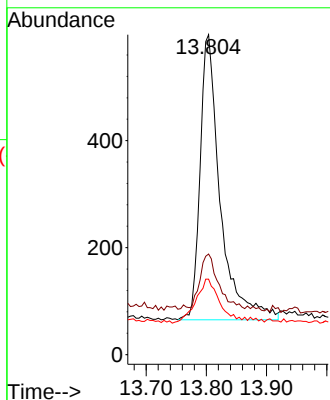
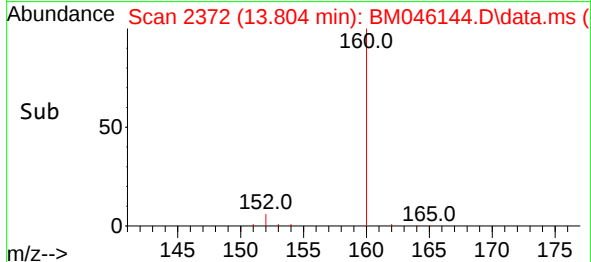
Instrument :
BNA_M
ClientSampleId :
A4B24DL



Tgt Ion:152 Resp: 1239
Ion Ratio Lower Upper
152 100
151 31.4 17.4 26.2
153 23.6 11.8 17.8

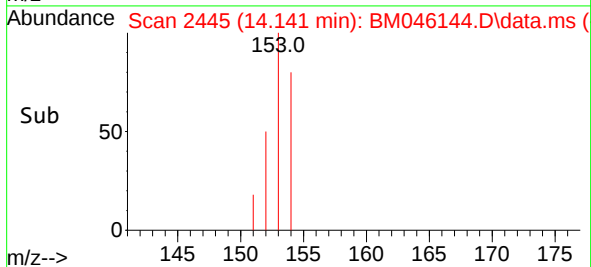
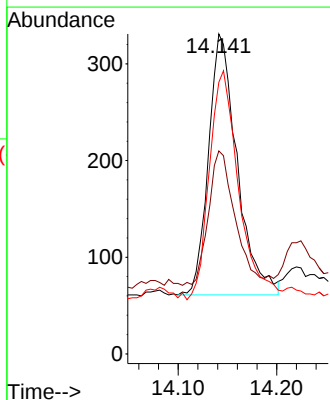
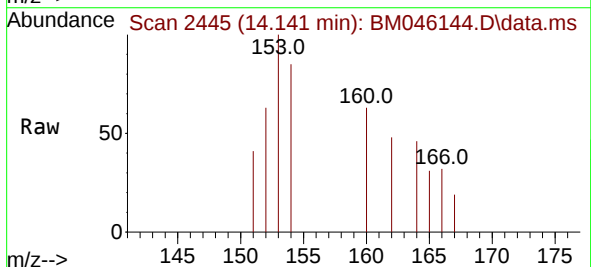
Manual Integrations
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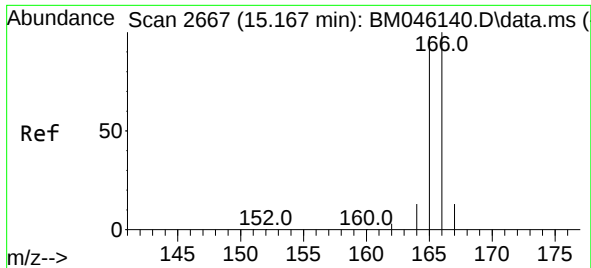
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.141 min Scan# 2445
Delta R.T. -0.031 min
Lab File: BM046144.D
Acq: 21 Jun 2024 04:30

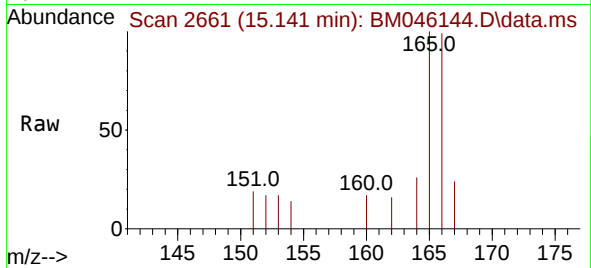
Tgt Ion:153 Resp: 547
Ion Ratio Lower Upper
153 100
152 63.4 41.3 61.9
154 84.9 68.2 102.4





#12
Fluorene
Concen: 0.045 ng/u1
RT: 15.141 min Scan# 20
Delta R.T. -0.040 min
Lab File: BM046144.D
Acq: 21 Jun 2024 04:30

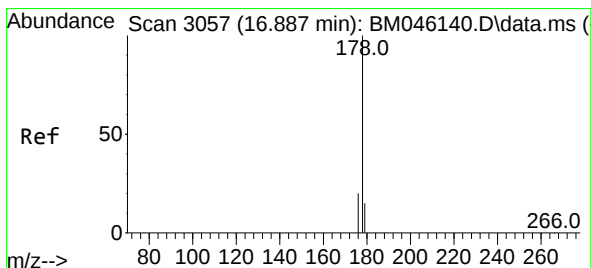
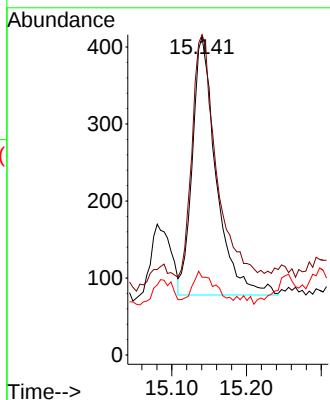
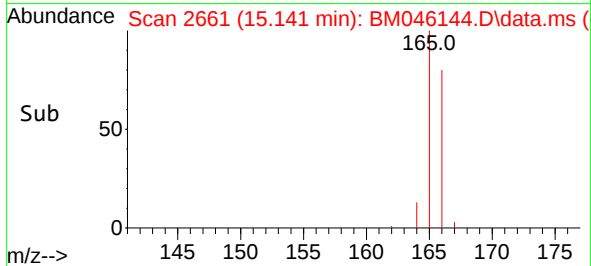
Instrument :
BNA_M
ClientSampleId :
A4B24DL



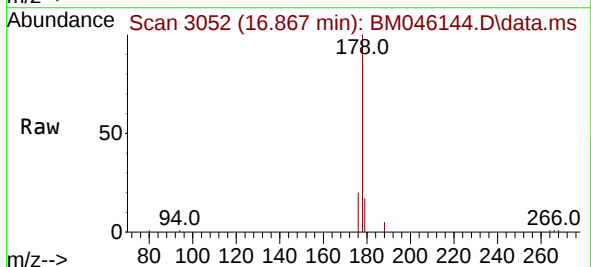
Tgt Ion:166 Resp: 749
Ion Ratio Lower Upper
166 100
165 100.7 80.4 120.6
167 24.5 12.4 18.6

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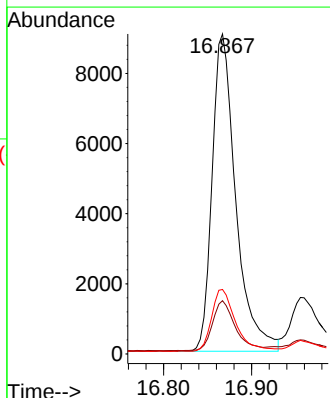
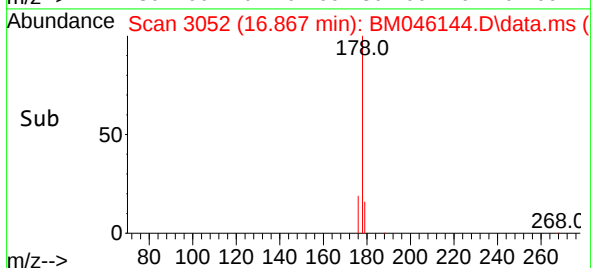
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Supervised By :mohammad ahmed 06/24/2024

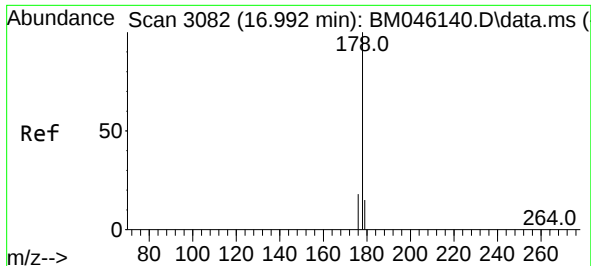


#15
Phenanthrene
Concen: 0.679 ng/u1
RT: 16.867 min Scan# 3052
Delta R.T. -0.037 min
Lab File: BM046144.D
Acq: 21 Jun 2024 04:30



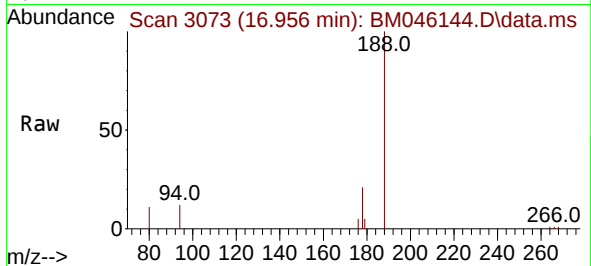
Tgt Ion:178 Resp: 16939
Ion Ratio Lower Upper
178 100
179 16.7 14.2 21.2
176 20.1 17.1 25.7





#16
 Anthracene
 Concen: 0.171 ng/u1
 RT: 16.956 min Scan# 3082
 Delta R.T. -0.049 min
 Lab File: BM046144.D
 Acq: 21 Jun 2024 04:30

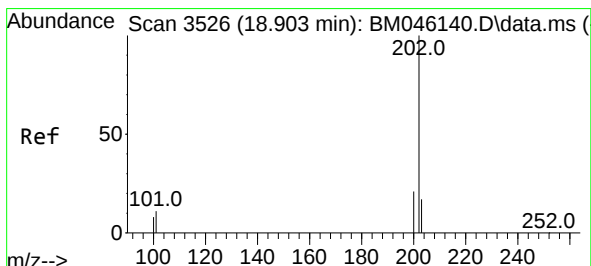
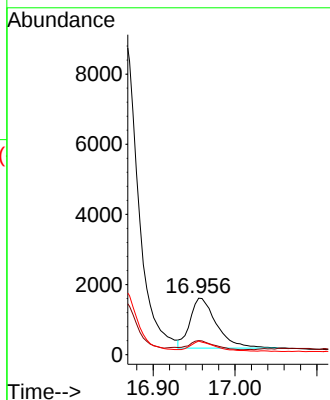
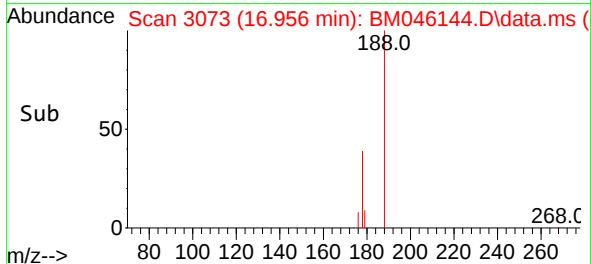
Instrument :
 BNA_M
 ClientSampleId :
 A4B24DL



Tgt Ion:178 Resp: 3184
 Ion Ratio Lower Upper
 178 100
 179 25.0 14.9 22.3
 176 24.2 17.0 25.4

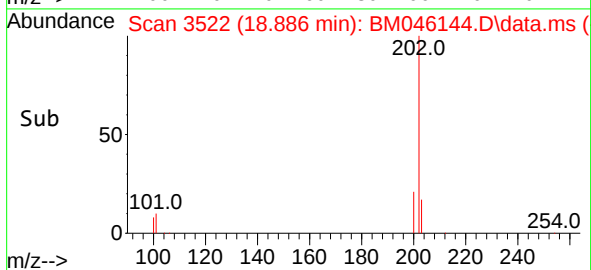
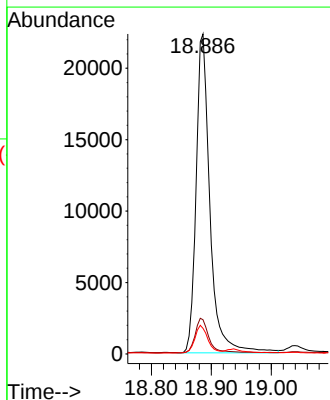
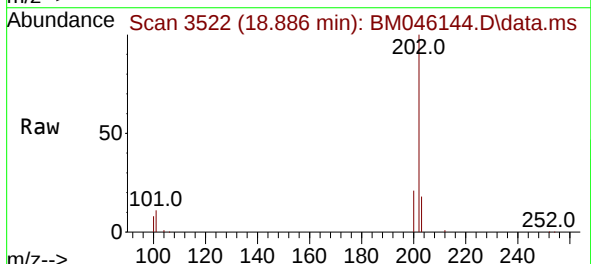
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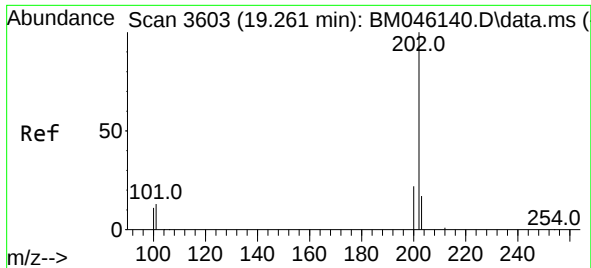
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024



#19
 Fluoranthene
 Concen: 1.123 ng/u1
 RT: 18.886 min Scan# 3522
 Delta R.T. -0.031 min
 Lab File: BM046144.D
 Acq: 21 Jun 2024 04:30

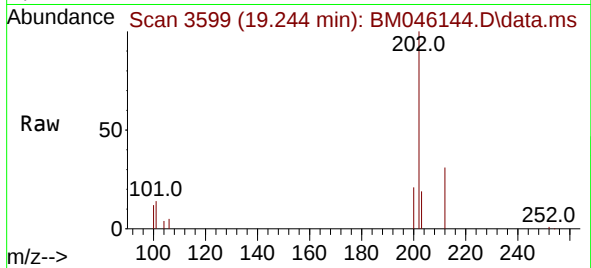
Tgt Ion:202 Resp: 35816
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.6 14.4
 100 8.0 7.6 11.4





#20
Pyrene
Concen: 0.800 ng/ul
RT: 19.244 min Scan# 3599
Delta R.T. -0.031 min
Lab File: BM046144.D
Acq: 21 Jun 2024 04:30

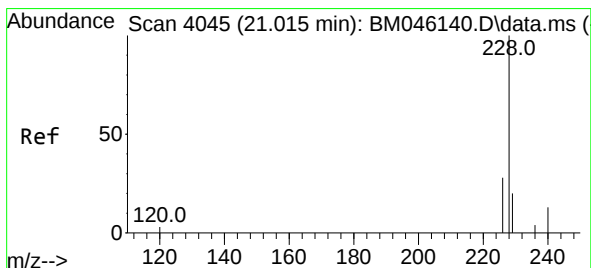
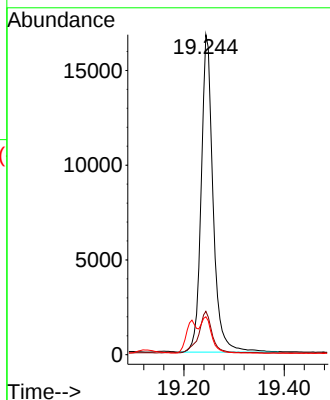
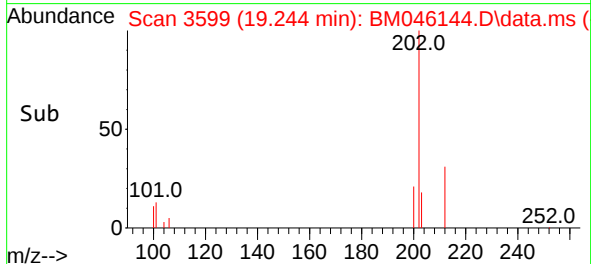
Instrument :
BNA_M
ClientSampleId :
A4B24DL



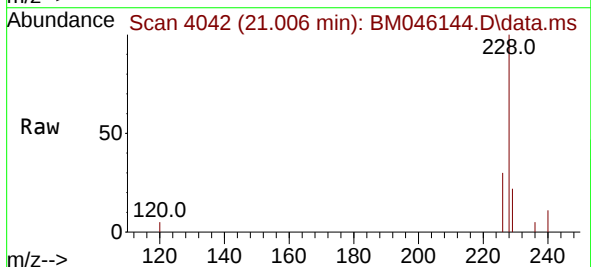
Tgt Ion:202 Resp: 2758
Ion Ratio Lower Upper
202 100
101 13.5 11.3 16.9
100 11.9 9.8 14.6

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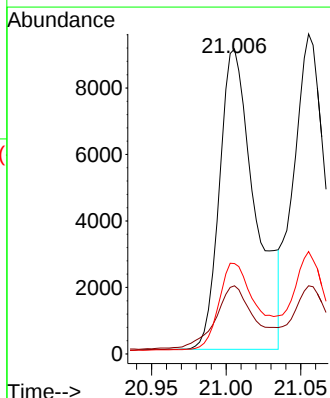
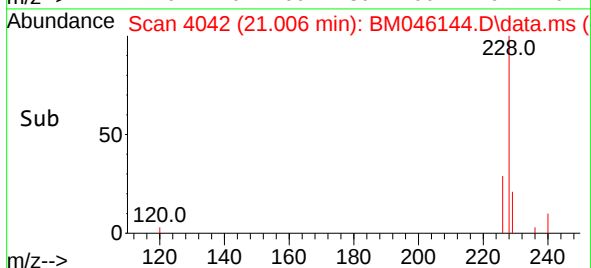
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

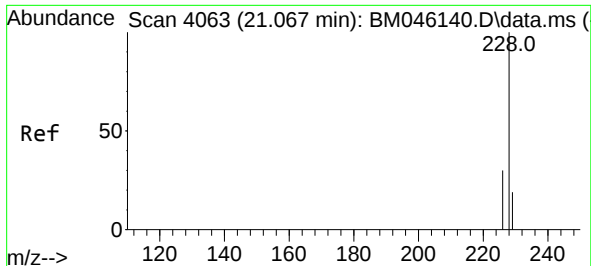


#21
Benzo(a)anthracene
Concen: 0.526 ng/ul
RT: 21.006 min Scan# 4042
Delta R.T. -0.024 min
Lab File: BM046144.D
Acq: 21 Jun 2024 04:30



Tgt Ion:228 Resp: 14956
Ion Ratio Lower Upper
228 100
229 22.4 16.4 24.6
226 29.6 23.4 35.2





#22

Chrysene

Concen: 0.418 ng/ul

RT: 21.055 min Scan# 4063

Delta R.T. -0.021 min

Lab File: BM046144.D

Acq: 21 Jun 2024 04:30

Instrument :

BNA_M

ClientSampleId :

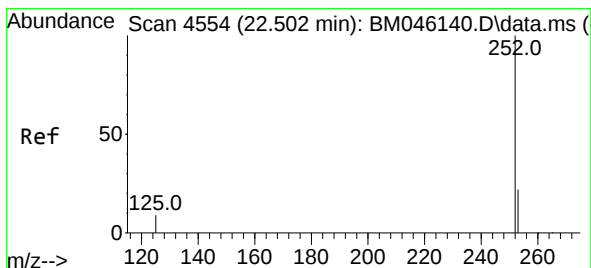
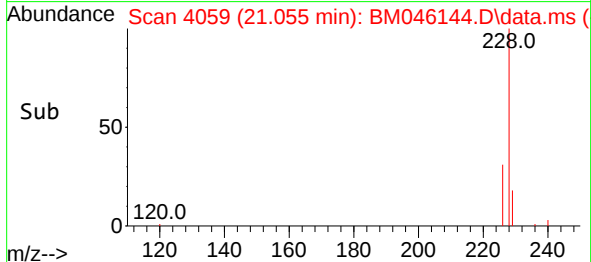
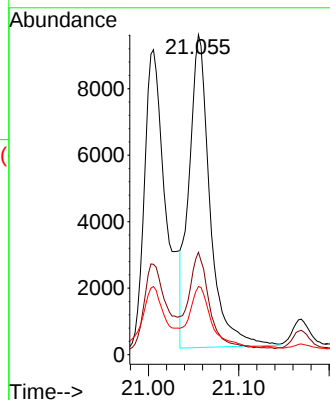
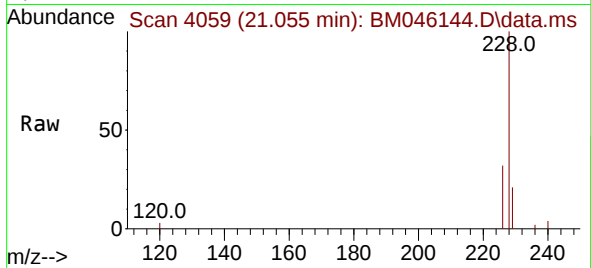
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Tgt Ion:228	Resp:	15164
Ion Ratio	Lower	Upper
228	100	
226	32.0	25.2 37.8
229	21.3	16.3 24.5

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#24

Benzo(b)fluoranthene

Concen: 0.686 ng/ul m

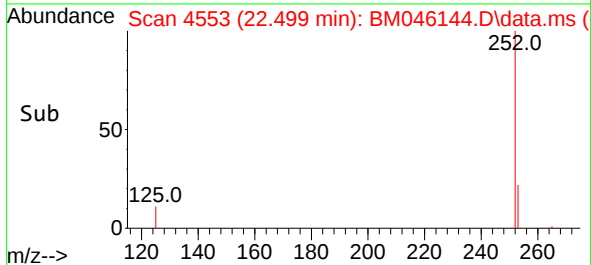
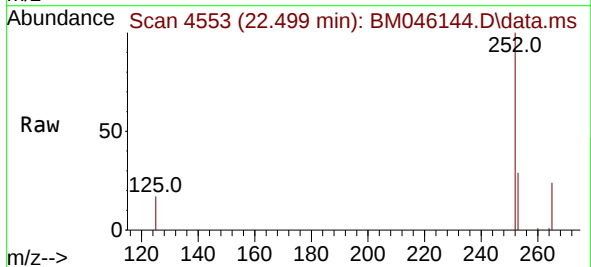
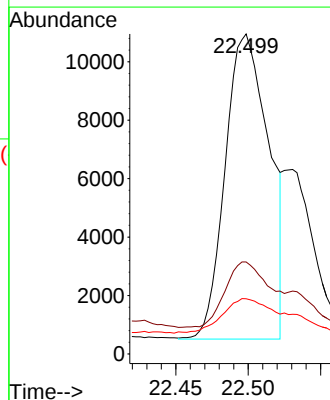
RT: 22.499 min Scan# 4553

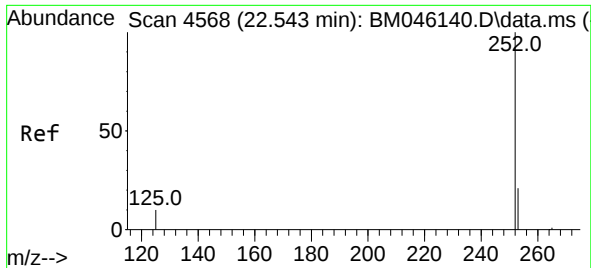
Delta R.T. -0.021 min

Lab File: BM046144.D

Acq: 21 Jun 2024 04:30

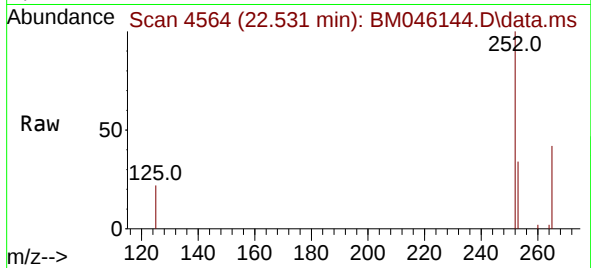
Tgt Ion:252	Resp:	21841
Ion Ratio	Lower	Upper
252	100	
253	28.7	0.0 65.8
125	17.2	0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.229 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.033 min
Lab File: BM046144.D
Acq: 21 Jun 2024 04:30

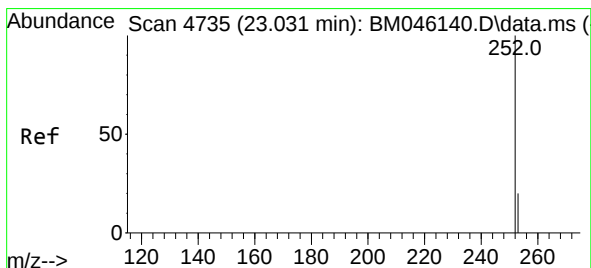
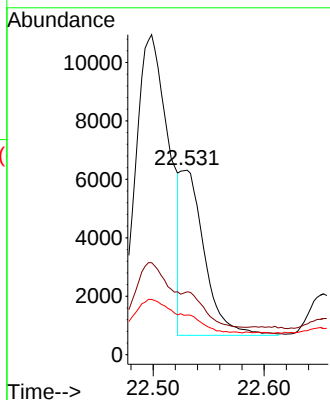
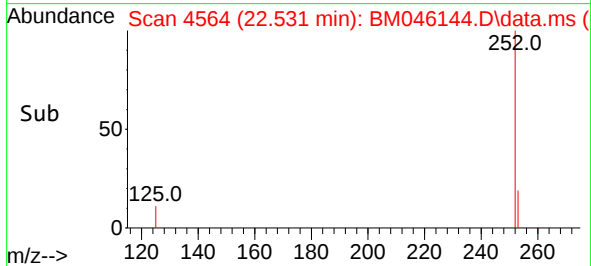
Instrument :
BNA_M
ClientSampleId :
A4B24DL



Tgt Ion:252 Resp: 8640
Ion Ratio Lower Upper
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253 34.1 27.2 40.8
125 21.5 16.6 25.0

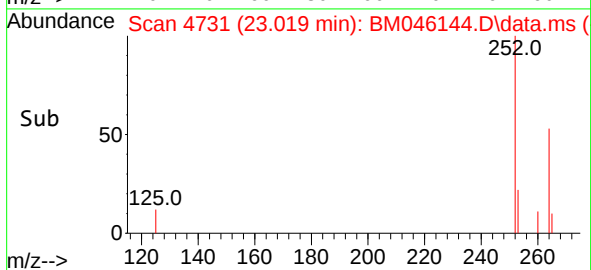
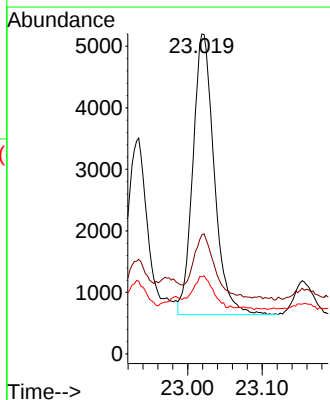
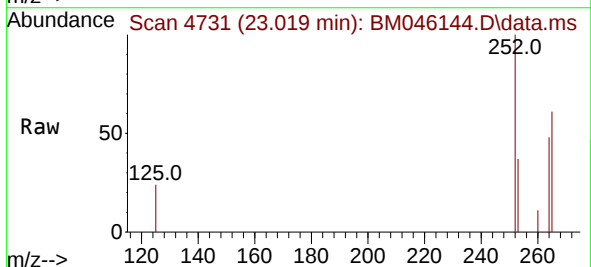
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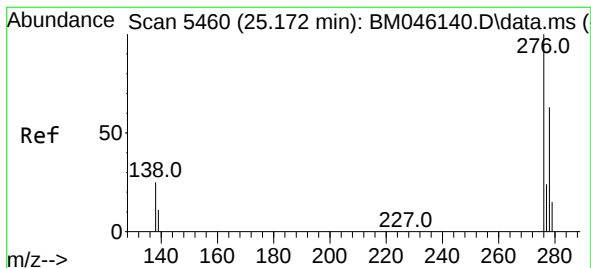
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#26
Benzo(a)pyrene
Concen: 0.307 ng/ul
RT: 23.019 min Scan# 4731
Delta R.T. -0.035 min
Lab File: BM046144.D
Acq: 21 Jun 2024 04:30

Tgt Ion:252 Resp: 9047
Ion Ratio Lower Upper
252 100
253 37.2 32.1 48.1
125 24.2 21.2 31.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.185 ng/ul

RT: 25.168 min Scan# 5459

Delta R.T. -0.034 min

Lab File: BM046144.D

Acq: 21 Jun 2024 04:30

Instrument :

BNA_M

ClientSampleId :

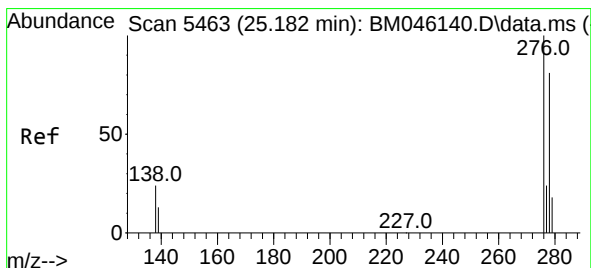
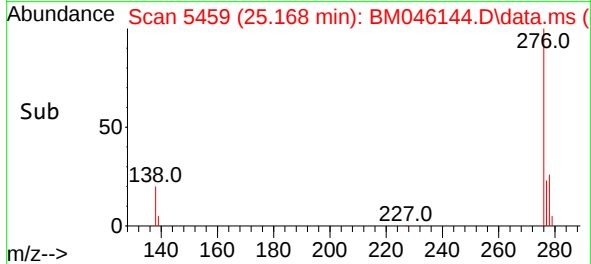
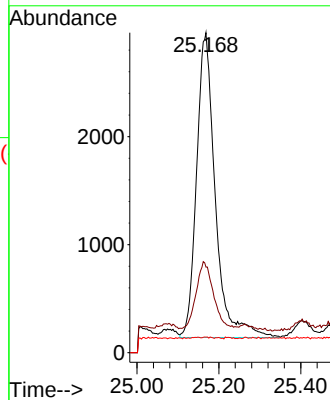
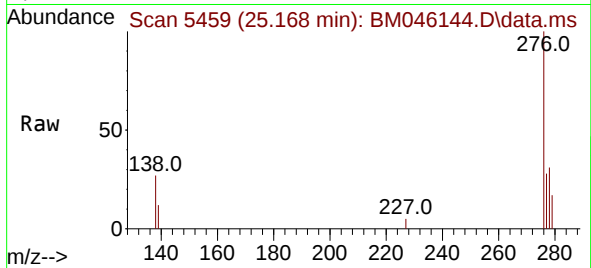
A4B24DL

Tgt Ion:	276	Resp:	8910
Ion Ratio	Lower	Upper	
276	100		
138	20.4	21.0	31.4#
227	0.1	0.0	0.0#

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.069 ng/ul

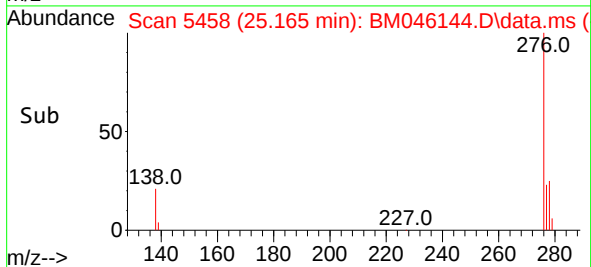
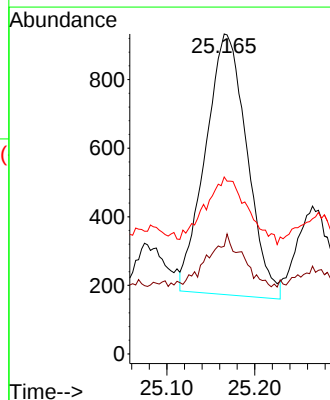
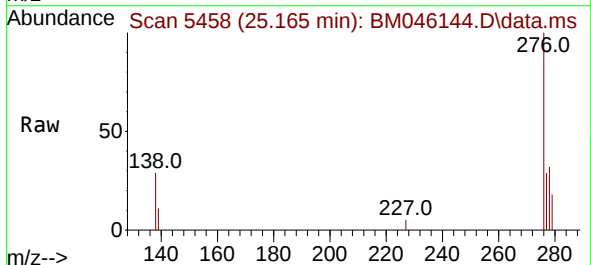
RT: 25.165 min Scan# 5458

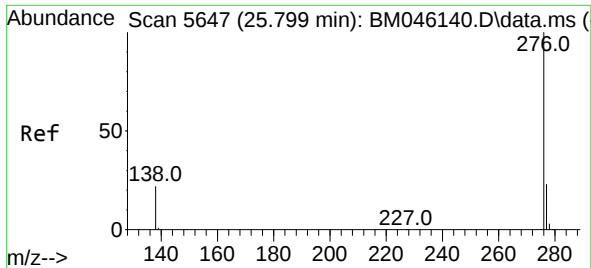
Delta R.T. -0.051 min

Lab File: BM046144.D

Acq: 21 Jun 2024 04:30

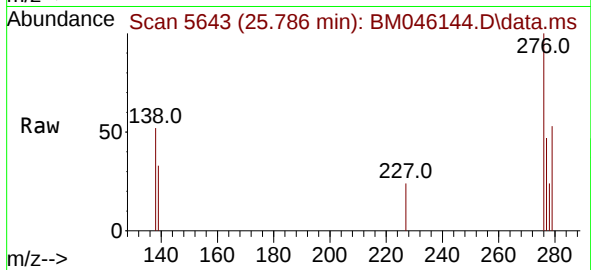
Tgt Ion:	278	Resp:	2493
Ion Ratio	Lower	Upper	
278	100		
139	33.7	17.6	26.4#
279	55.3	26.3	39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 25.786 min Scan# 50
Delta R.T. -0.044 min
Lab File: BM046144.D
Acq: 21 Jun 2024 04:30

Instrument :
BNA_M
ClientSampleId :
A4B24DL



Tgt Ion: 276 Resp: 148
Ion Ratio Lower Upper
276 100
138 52.3 21.7 32.5
277 47.0 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

