

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049104.D
 Acq On : 20 Dec 2024 17:25
 Operator : RC/JU
 Sample : P5265-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 22:10:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	7891	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	24685	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.195	164	13692	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	29641m	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	23989m	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	24775m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	38491	4.229	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	8062	0.243	ng/ul	0.00
18) Fluoranthene-d10	18.978	212	12106m	0.178	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.369	128	3728	0.060	ng/ul#	91
7) 2-Methylnaphthalene	11.997	142	3053	0.078	ng/ul	97
8) 1-Methylnaphthalene	12.217	142	2148	0.054	ng/ul	96
10) Acenaphthylene	13.913	152	2259	0.040	ng/ul#	80
11) Acenaphthene	14.260	153	2803	0.068	ng/ul	95
12) Fluorene	15.250	166	2400	0.051	ng/ul#	95
15) Phenanthrene	16.984	178	57254m	0.740	ng/ul	
16) Anthracene	17.077	178	12446m	0.175	ng/ul	
19) Fluoranthene	19.010	202	140983m	1.625	ng/ul	
20) Pyrene	19.373	202	119323m	1.290	ng/ul	
21) Benzo(a)anthracene	21.129	228	62835m	0.753	ng/ul	
22) Chrysene	21.178	228	65248m	0.729	ng/ul	
24) Benzo(b)fluoranthene	22.663	252	85930m	1.086	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	33347m	0.384	ng/ul	
26) Benzo(a)pyrene	23.207	252	58846m	0.775	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.441	276	46803m	0.436	ng/ul	
28) Dibenzo(a,h)anthracene	25.454	278	10903m	0.131	ng/ul	
29) Benzo(g,h,i)perylene	26.091	276	49964m	0.578	ng/ul	

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

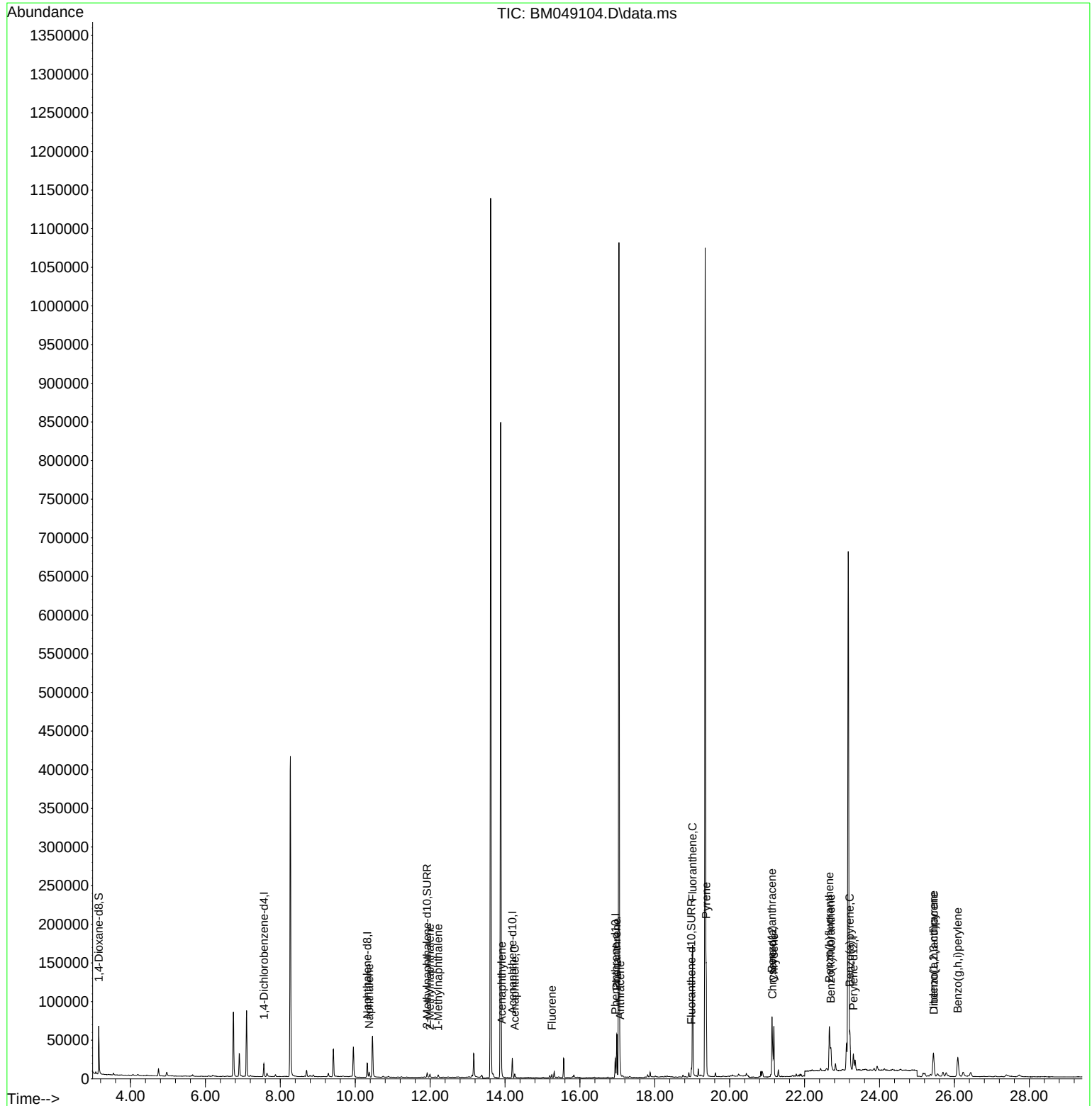
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
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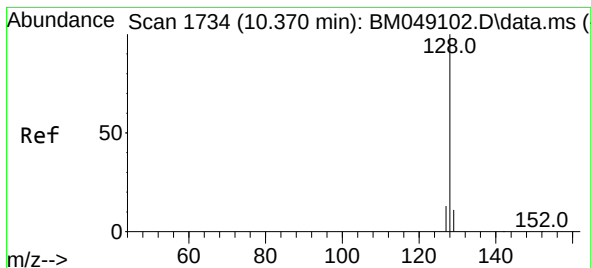
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Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.060 ng/ul

RT: 10.369 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM049104.D

Acq: 20 Dec 2024 17:25

Instrument :

BNA_M

ClientSampleId :

E28Y9

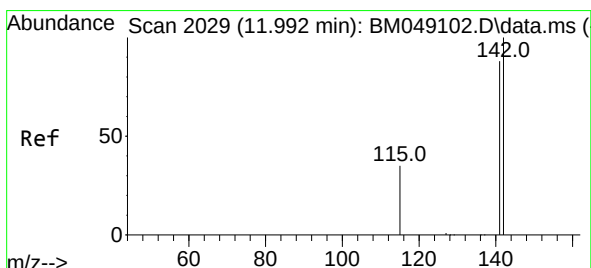
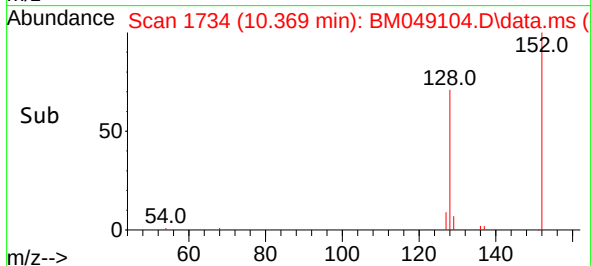
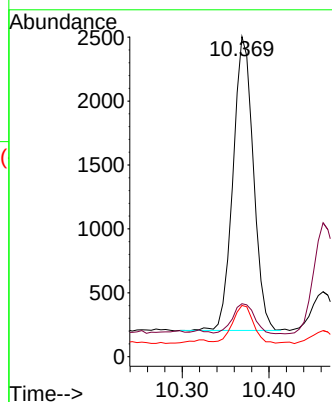
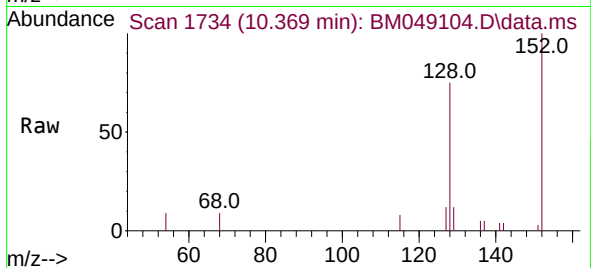
Tgt Ion:128 Resp: 3728

Ion	Ratio	Lower	Upper
128	100		
129	16.6	9.7	14.5
127	16.0	10.6	16.0

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#7

2-Methylnaphthalene

Concen: 0.078 ng/ul

RT: 11.997 min Scan# 2030

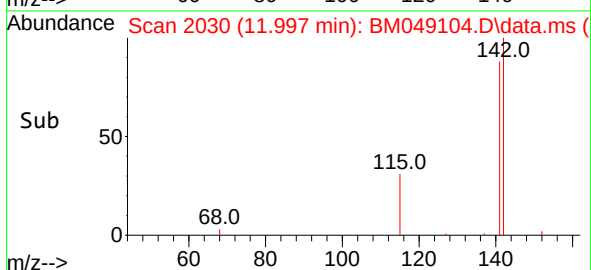
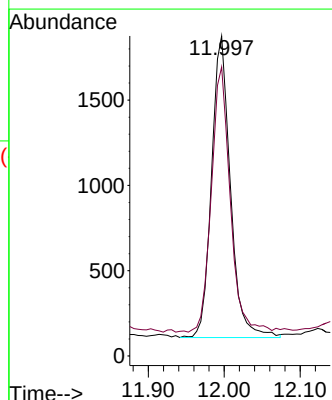
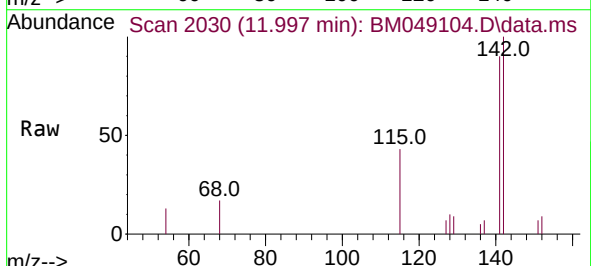
Delta R.T. -0.005 min

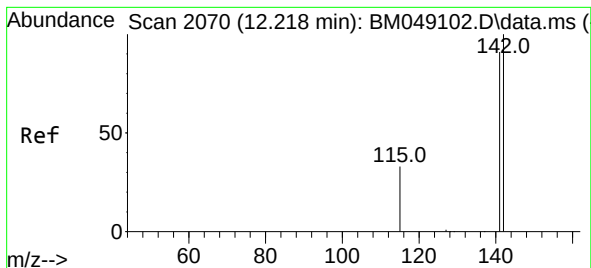
Lab File: BM049104.D

Acq: 20 Dec 2024 17:25

Tgt Ion:142 Resp: 3053

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.7	107.5





#8

1-Methylnaphthalene

Concen: 0.054 ng/ul

RT: 12.217 min Scan# 2070

Delta R.T. -0.005 min

Lab File: BM049104.D

Acq: 20 Dec 2024 17:25

Instrument :

BNA_M

ClientSampleId :

E28Y9

Tgt Ion:142 Resp: 2148

Ion Ratio Lower Upper

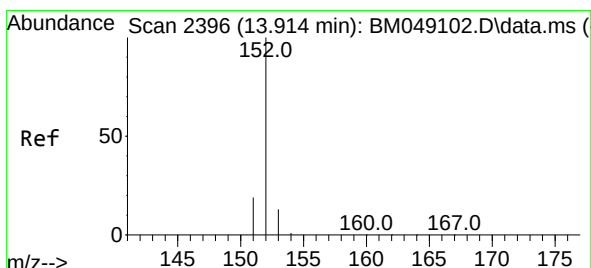
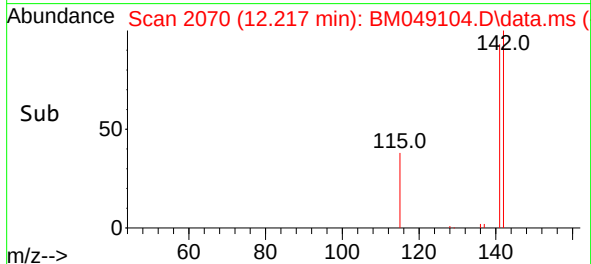
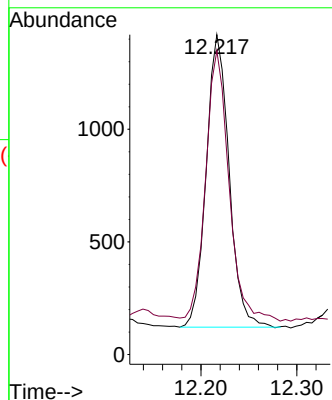
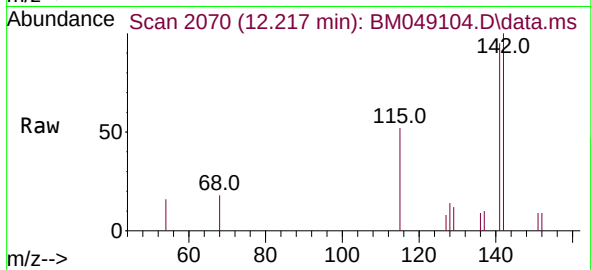
142 100

141 95.1 72.7 109.1

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#10

Acenaphthylene

Concen: 0.040 ng/ul

RT: 13.913 min Scan# 2396

Delta R.T. -0.005 min

Lab File: BM049104.D

Acq: 20 Dec 2024 17:25

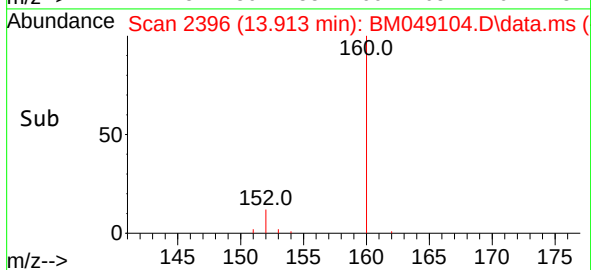
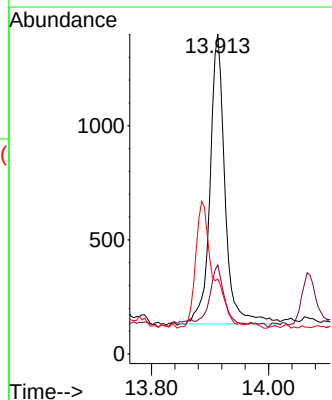
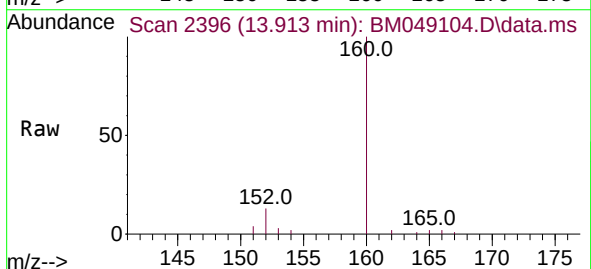
Tgt Ion:152 Resp: 2259

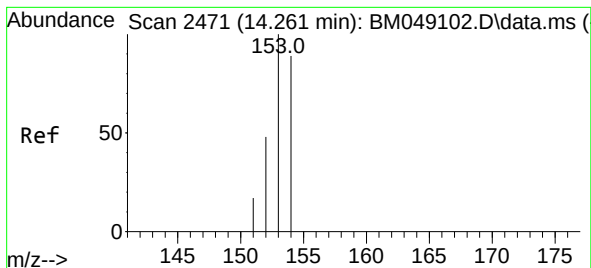
Ion Ratio Lower Upper

152 100

151 27.8 16.0 24.0#

153 23.4 11.0 16.6#





#11

Acenaphthene

Concen: 0.068 ng/u1

RT: 14.260 min Scan# 2471

Delta R.T. -0.005 min

Lab File: BM049104.D

Acq: 20 Dec 2024 17:25

Instrument :

BNA_M

ClientSampleId :

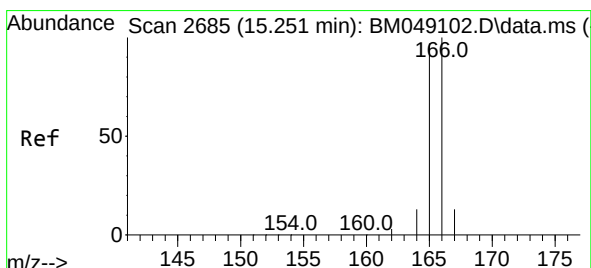
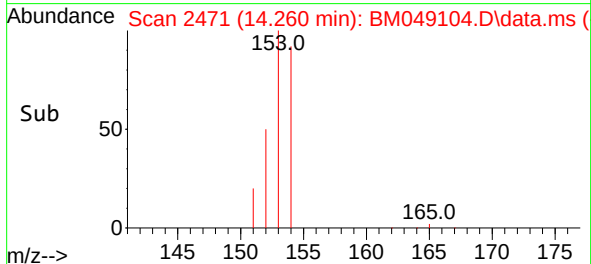
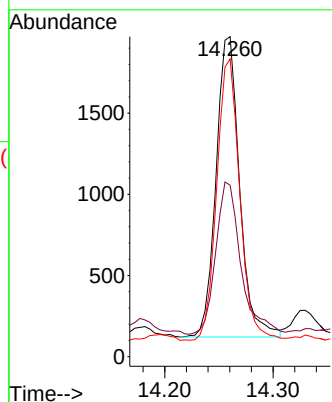
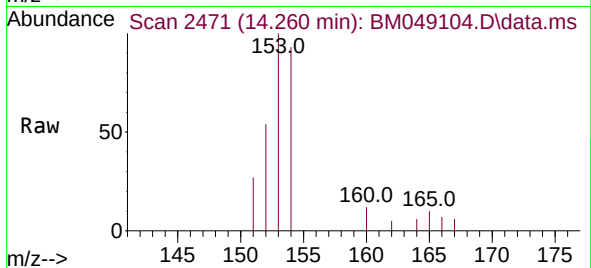
E28Y9

Tgt Ion:	153	Resp:	280
Ion Ratio	Lower	Upper	
153	100		
152	53.6	40.7	61.1
154	93.0	70.8	106.2

Manual Integrations

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#12

Fluorene

Concen: 0.051 ng/u1

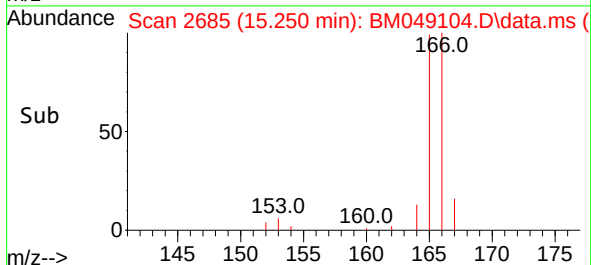
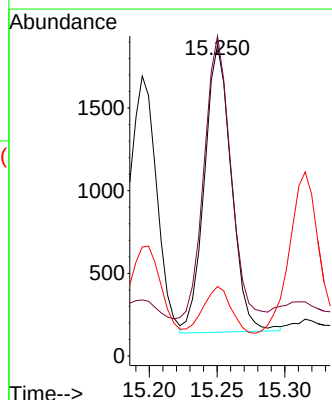
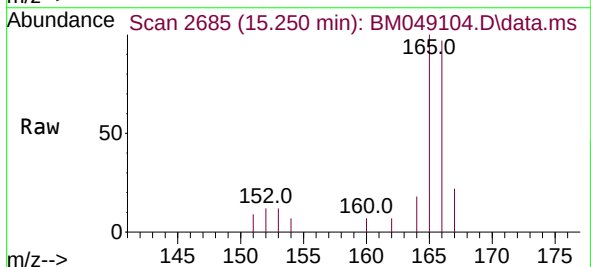
RT: 15.250 min Scan# 2685

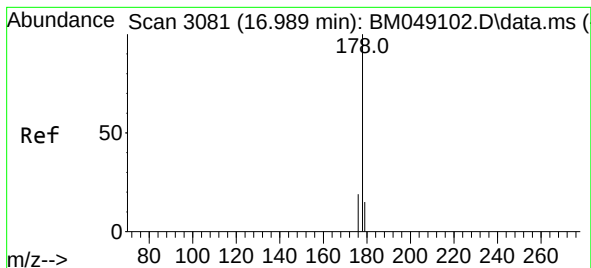
Delta R.T. -0.005 min

Lab File: BM049104.D

Acq: 20 Dec 2024 17:25

Tgt Ion:	166	Resp:	2400
Ion Ratio	Lower	Upper	
166	100		
165	102.9	79.7	119.5
167	22.3	11.4	17.0





#15

Phenanthrene

Concen: 0.740 ng/ul m

RT: 16.984 min Scan# 3081

Delta R.T. -0.008 min

Lab File: BM049104.D

Acq: 20 Dec 2024 17:25

Instrument :

BNA_M

ClientSampleId :

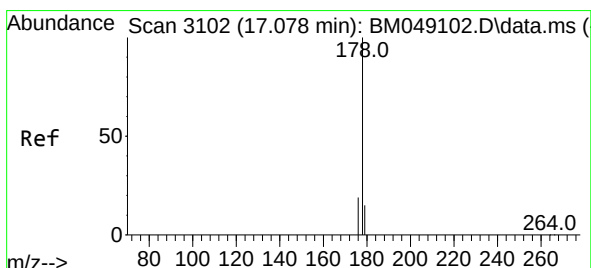
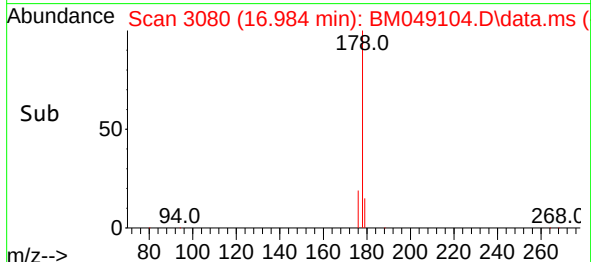
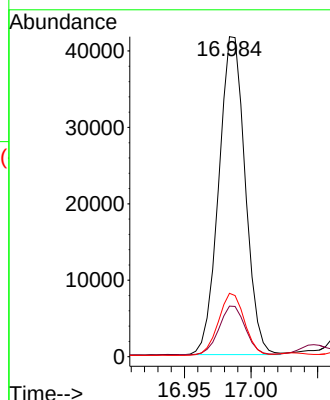
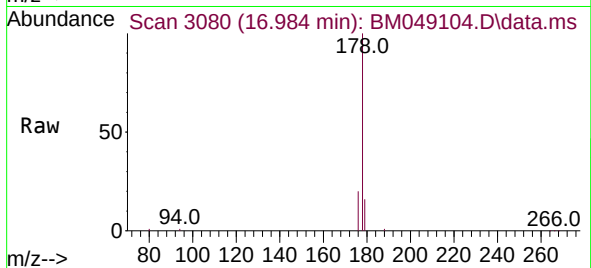
E28Y9

Tgt Ion:178	Resp:	57254
Ion Ratio	Lower	Upper
178	100	
179	15.8	13.0 19.4
176	19.8	16.2 24.2

Manual Integrations

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#16

Anthracene

Concen: 0.175 ng/ul m

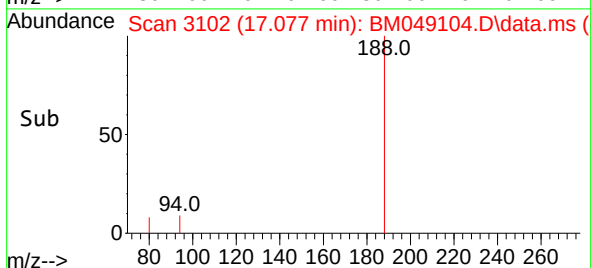
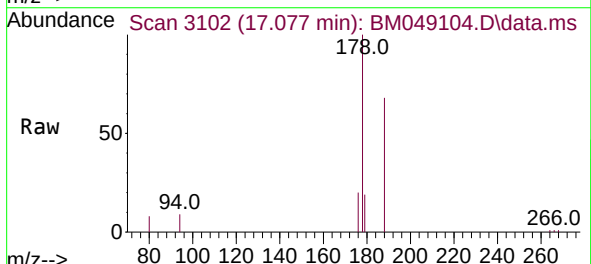
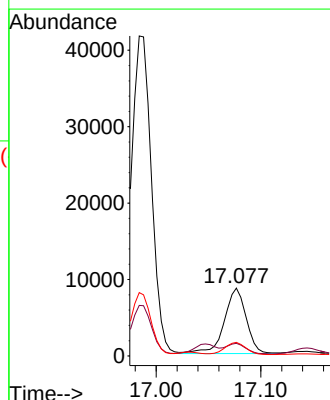
RT: 17.077 min Scan# 3102

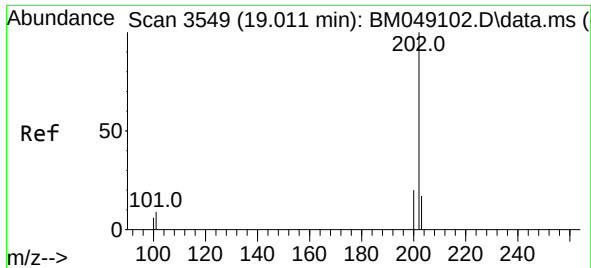
Delta R.T. -0.008 min

Lab File: BM049104.D

Acq: 20 Dec 2024 17:25

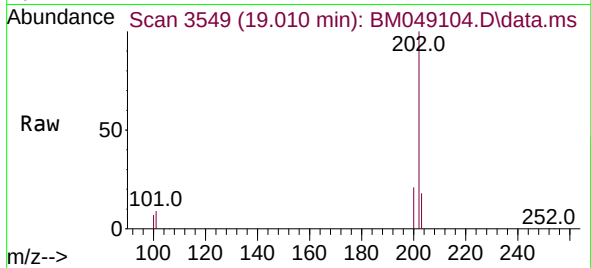
Tgt Ion:178	Resp:	12446
Ion Ratio	Lower	Upper
178	100	
179	18.5	12.9 19.3
176	20.1	15.3 22.9





#19
Fluoranthene
Concen: 1.625 ng/ul m
RT: 19.010 min Scan# 3549
Delta R.T. -0.005 min
Lab File: BM049104.D
Acq: 20 Dec 2024 17:25

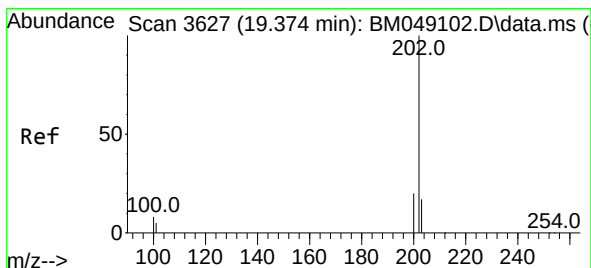
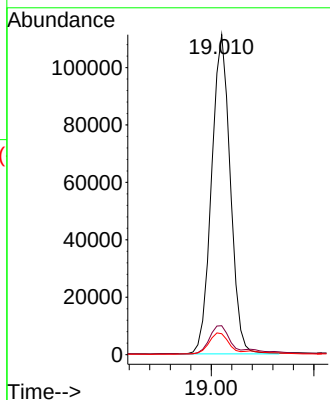
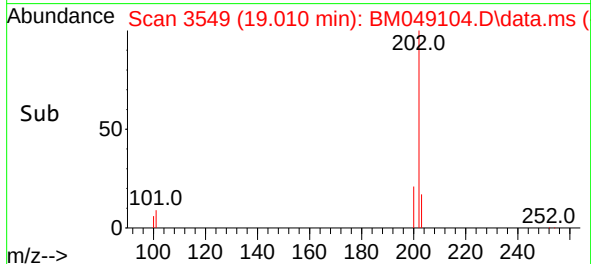
Instrument :
BNA_M
ClientSampleId :
E28Y9



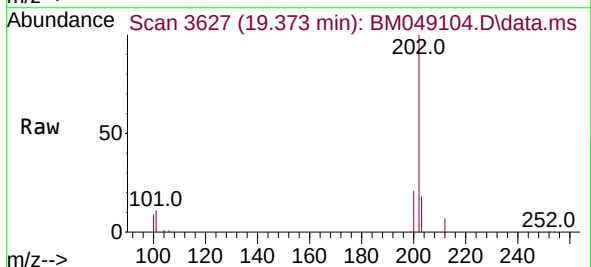
Tgt Ion:202 Resp: 14098
Ion Ratio Lower Upper
202 100
101 9.1 7.6 11.4
100 6.5 5.5 8.3

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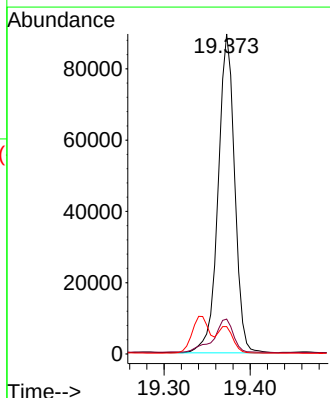
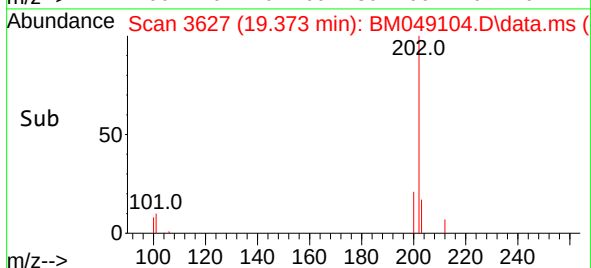
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

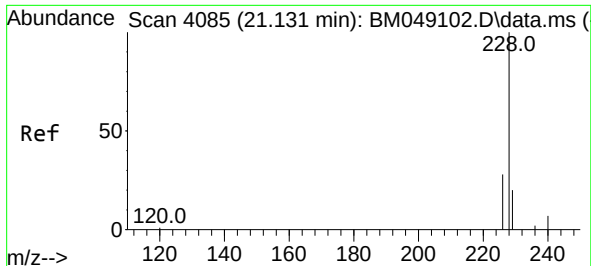


#20
Pyrene
Concen: 1.290 ng/ul m
RT: 19.373 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BM049104.D
Acq: 20 Dec 2024 17:25



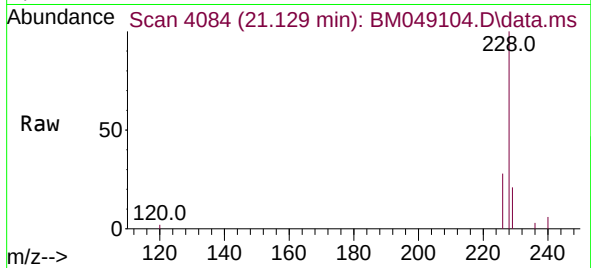
Tgt Ion:202 Resp: 119323
Ion Ratio Lower Upper
202 100
101 10.9 8.9 13.3
100 8.6 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.753 ng/ul m
RT: 21.129 min Scan# 4085
Delta R.T. -0.003 min
Lab File: BM049104.D
Acq: 20 Dec 2024 17:25

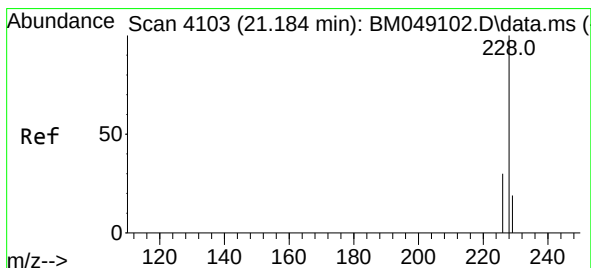
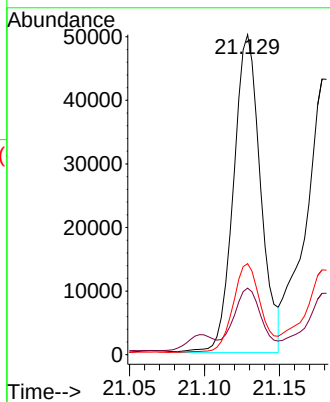
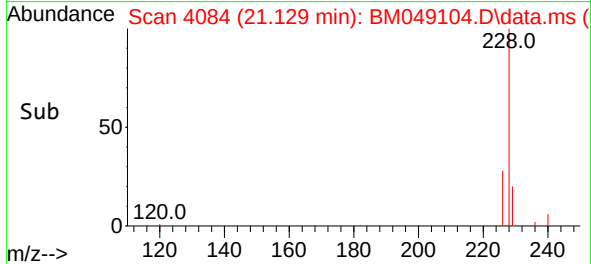
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 62835
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 28.5 22.6 34.0

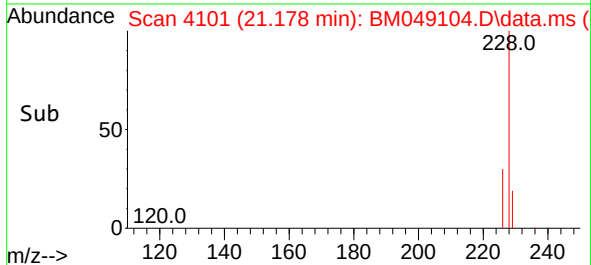
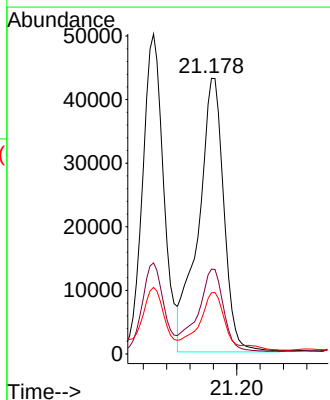
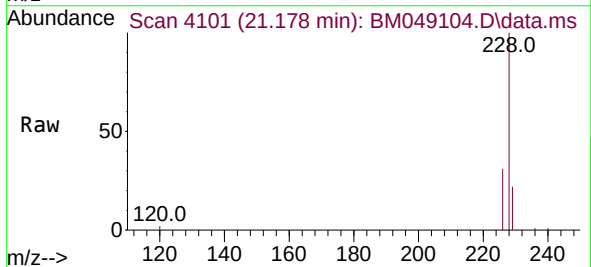
Manual Integrations
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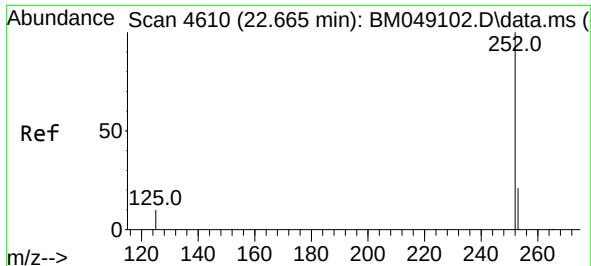
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 0.729 ng/ul m
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049104.D
Acq: 20 Dec 2024 17:25

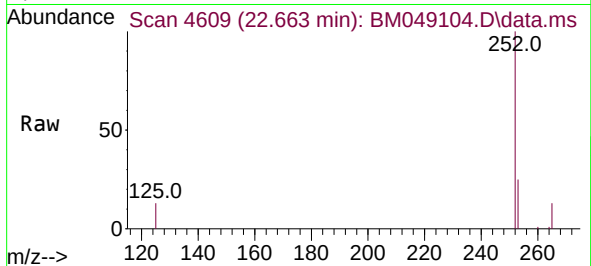
Tgt Ion:228 Resp: 65248
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 22.2 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 1.086 ng/ul m
RT: 22.663 min Scan# 4609
Delta R.T. 0.000 min
Lab File: BM049104.D
Acq: 20 Dec 2024 17:25

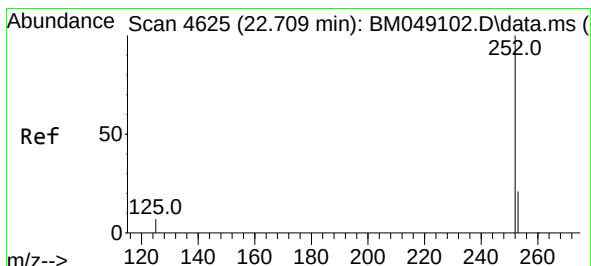
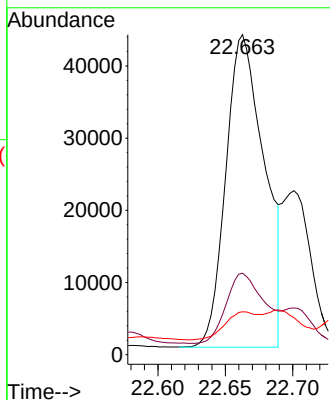
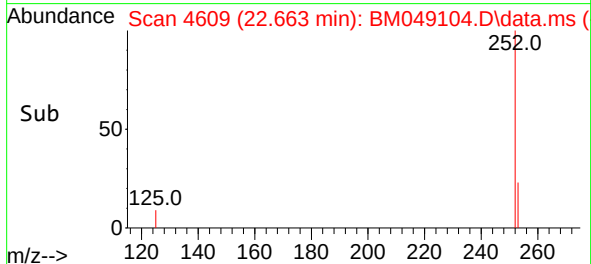
Instrument :
BNA_M
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E28Y9



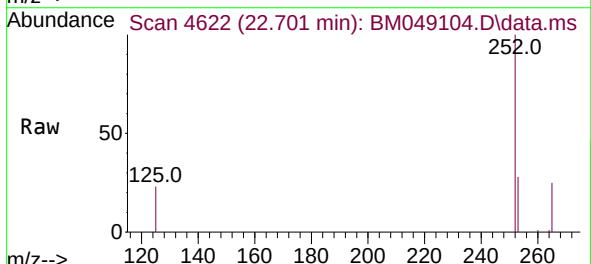
Tgt Ion:252 Resp: 85930
Ion Ratio Lower Upper
252 100
253 25.5 0.0 52.6
125 13.4 0.0 30.8

Manual Integrations
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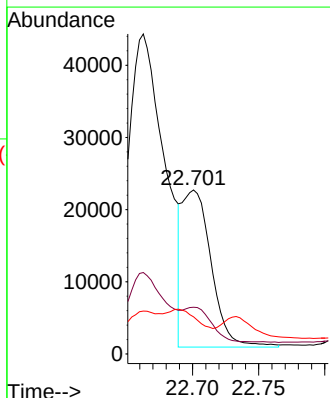
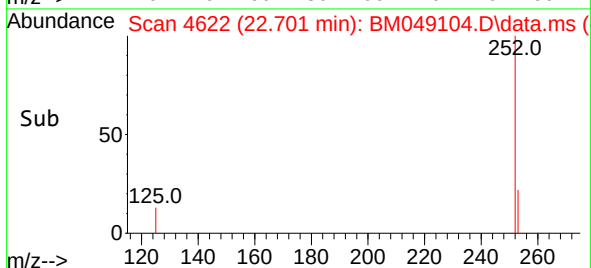
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

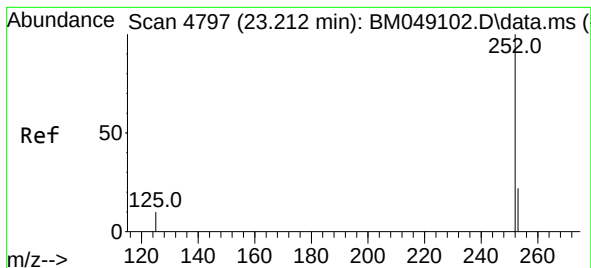


#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul m
RT: 22.701 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM049104.D
Acq: 20 Dec 2024 17:25



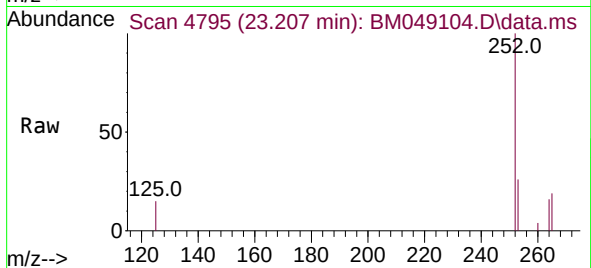
Tgt Ion:252 Resp: 33347
Ion Ratio Lower Upper
252 100
253 28.5 21.3 31.9
125 22.6 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.775 ng/ul m
RT: 23.207 min Scan# 4795
Delta R.T. -0.003 min
Lab File: BM049104.D
Acq: 20 Dec 2024 17:25

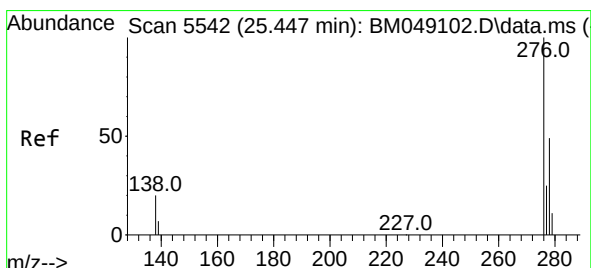
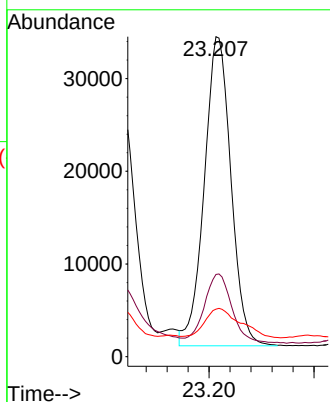
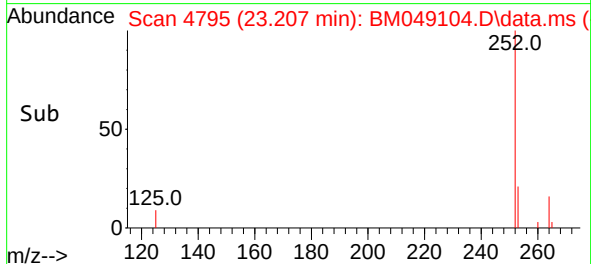
Instrument :
BNA_M
ClientSampleId :
E28Y9



Tgt Ion:252 Resp: 58840
Ion Ratio Lower Upper
252 100
253 25.7 22.4 33.6
125 14.8 14.8 22.2

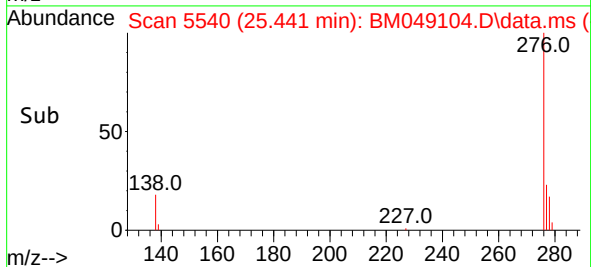
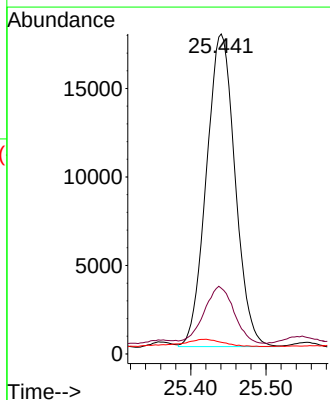
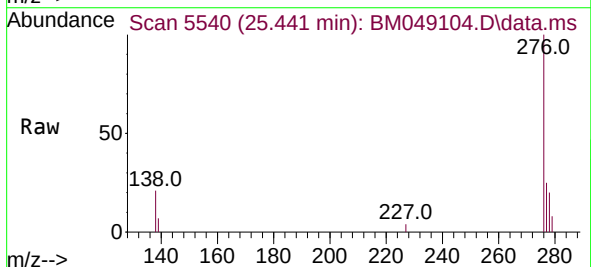
Manual Integrations
APPROVED

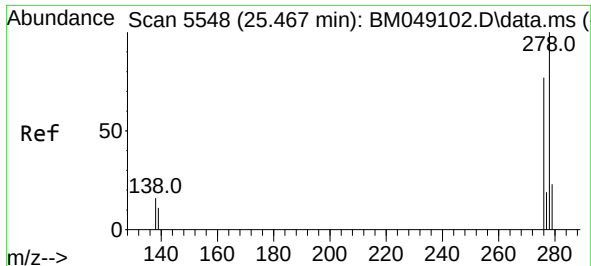
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.436 ng/ul m
RT: 25.441 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM049104.D
Acq: 20 Dec 2024 17:25

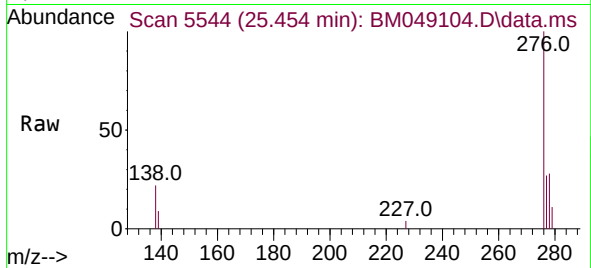
Tgt Ion:276 Resp: 46803
Ion Ratio Lower Upper
276 100
138 2.4 17.4 26.2#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.131 ng/ul m
RT: 25.454 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM049104.D
Acq: 20 Dec 2024 17:25

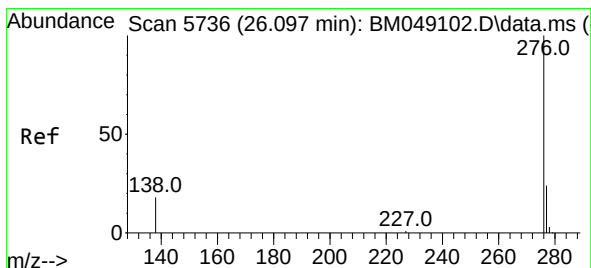
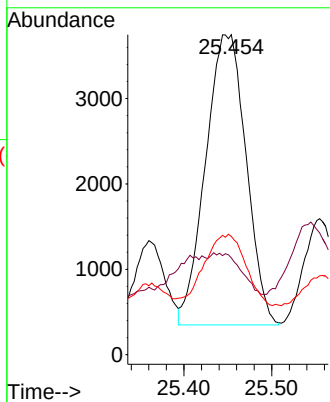
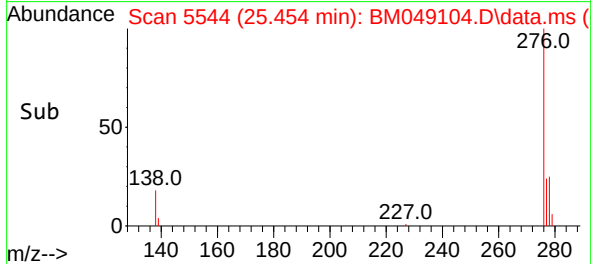
Instrument :
BNA_M
ClientSampleId :
E28Y9



Tgt Ion:278 Resp: 1090
Ion Ratio Lower Upper
278 100
139 30.3 13.5 20.3
279 37.0 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.578 ng/ul m
RT: 26.091 min Scan# 5734
Delta R.T. -0.003 min
Lab File: BM049104.D
Acq: 20 Dec 2024 17:25

Tgt Ion:276 Resp: 49964
Ion Ratio Lower Upper
276 100
138 20.9 16.7 25.1
277 24.8 19.9 29.9

