

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049222.D
 Acq On : 26 Dec 2024 12:40
 Operator : RC/JU
 Sample : P5333-20DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2923DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 26 22:54:15 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 : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	5690	0.400	ng/ul	0.00
4) Naphthalene-d8	10.309	136	16354	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	9684	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.934	188	20073	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	17420	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	21623	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	4002	0.610	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	741	0.034	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	1520	0.031	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.972	178	13247	0.253	ng/ul	100
16) Anthracene	17.065	178	2633	0.055	ng/ul#	90
19) Fluoranthene	18.997	202	29421	0.467	ng/ul	99
20) Pyrene	19.360	202	26124	0.389	ng/ul	100
21) Benzo(a)anthracene	21.119	228	13480	0.222	ng/ul	98
22) Chrysene	21.169	228	14547	0.224	ng/ul	97
24) Benzo(b)fluoranthene	22.653	252	19906m	0.288	ng/ul	
25) Benzo(k)fluoranthene	22.688	252	8714m	0.115	ng/ul	
26) Benzo(a)pyrene	23.194	252	14174	0.214	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.420	276	11954	0.127	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.430	278	2732	0.038	ng/ul#	61
29) Benzo(g,h,i)perylene	26.070	276	12014	0.159	ng/ul	99

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

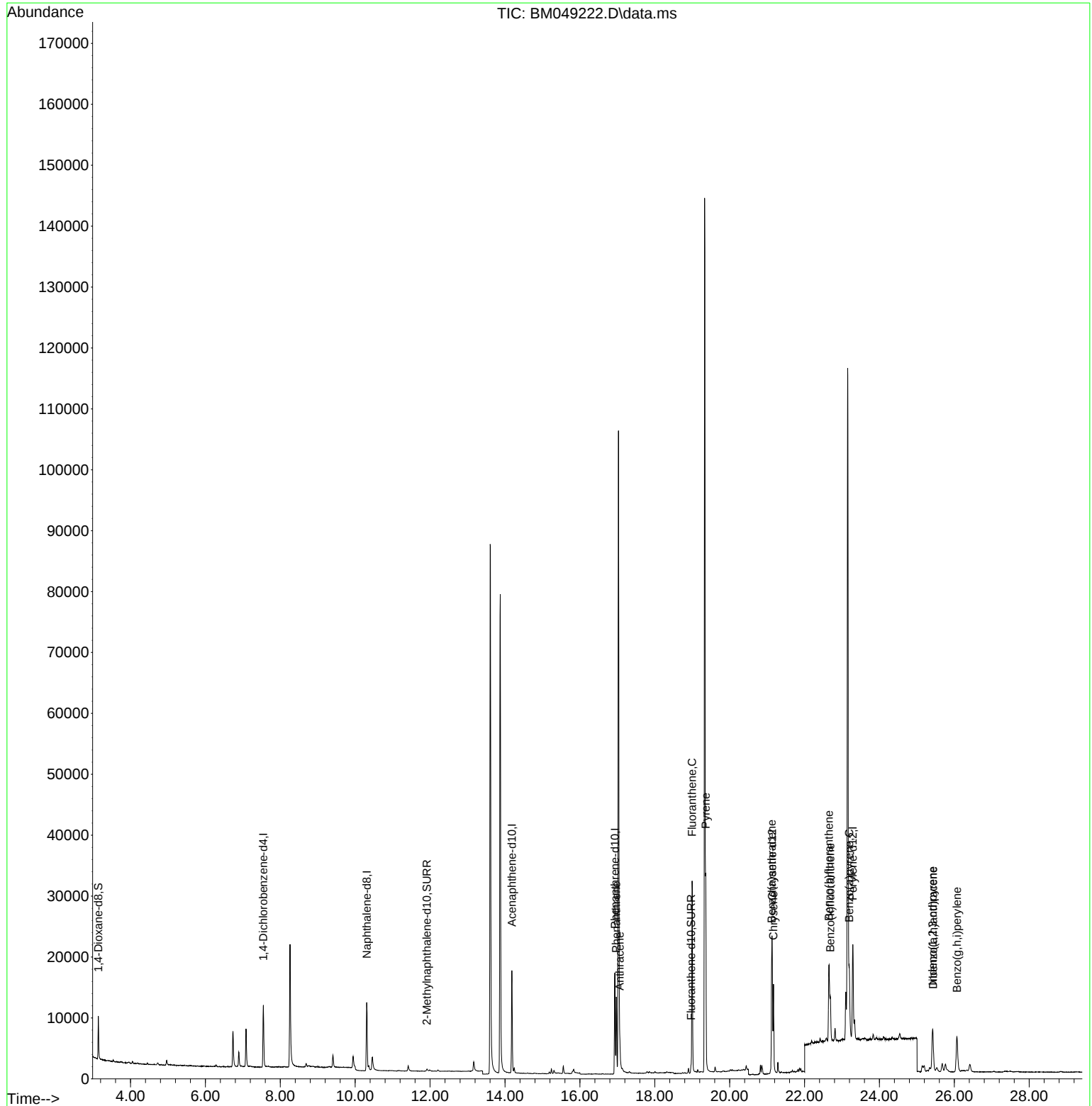
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049222.D
Acq On : 26 Dec 2024 12:40
Operator : RC/JU
Sample : P5333-20DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

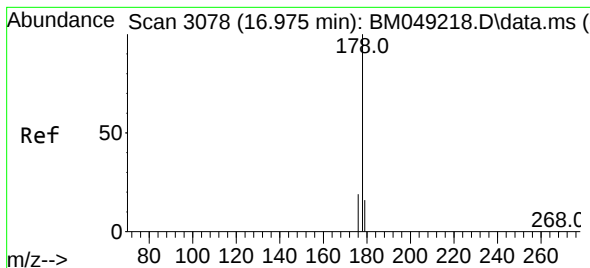
Instrument :
BNA_M
ClientSampleId :
E2923DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 26 22:54:15 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 : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration





#15

Phenanthrene

Concen: 0.253 ng/u1

RT: 16.972 min Scan# 3078

Delta R.T. -0.003 min

Lab File: BM049222.D

Acq: 26 Dec 2024 12:40

Instrument :

BNA_M

ClientSampleId :

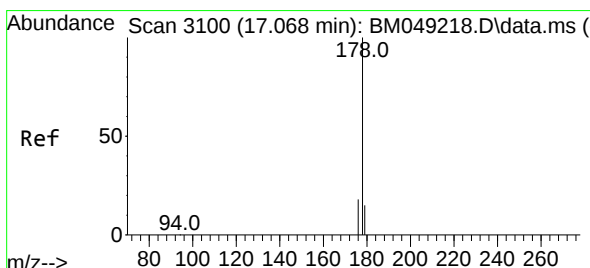
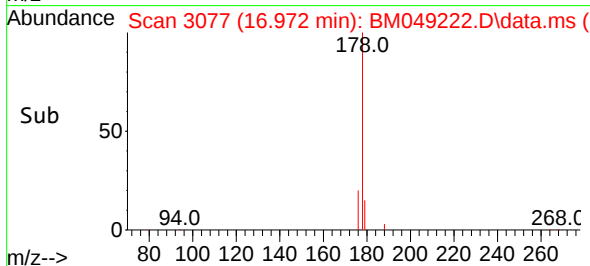
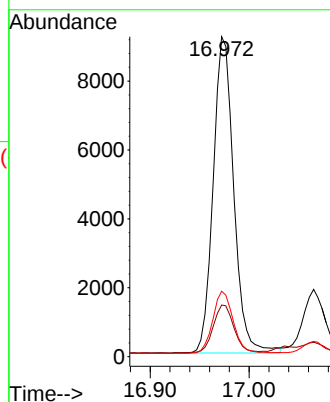
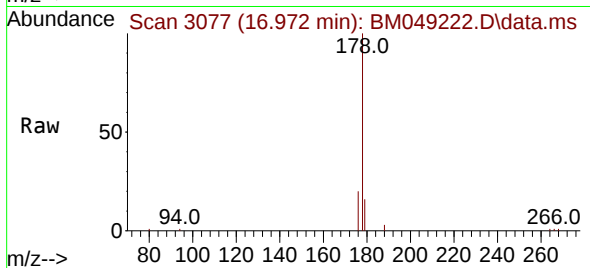
E2923DL

Tgt Ion:178	Resp:	1324
Ion Ratio	Lower	Upper
178	100	
179	16.1	13.0 19.4
176	20.5	16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#16

Anthracene

Concen: 0.055 ng/u1

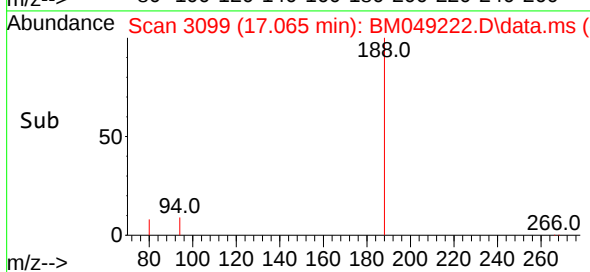
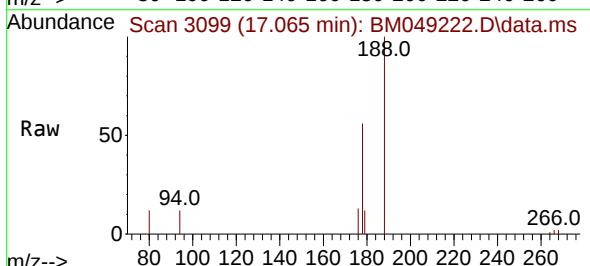
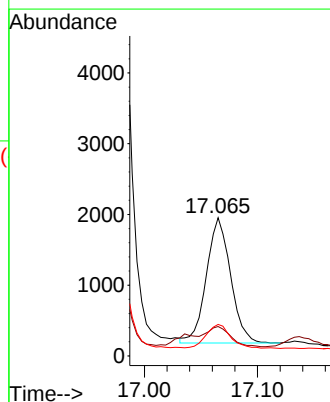
RT: 17.065 min Scan# 3099

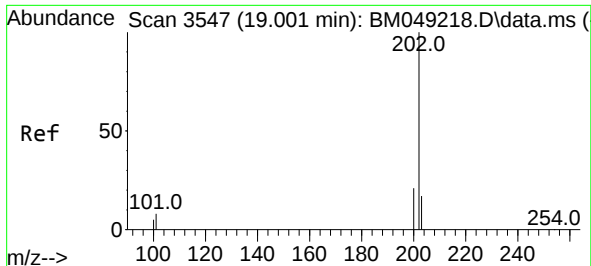
Delta R.T. -0.003 min

Lab File: BM049222.D

Acq: 26 Dec 2024 12:40

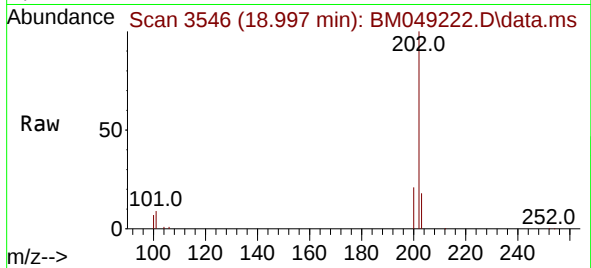
Tgt Ion:178	Resp:	2633
Ion Ratio	Lower	Upper
178	100	
179	21.3	12.9 19.3#
176	22.8	15.3 22.9





#19
Fluoranthene
Concen: 0.467 ng/u1
RT: 18.997 min Scan# 3547
Delta R.T. -0.003 min
Lab File: BM049222.D
Acq: 26 Dec 2024 12:40

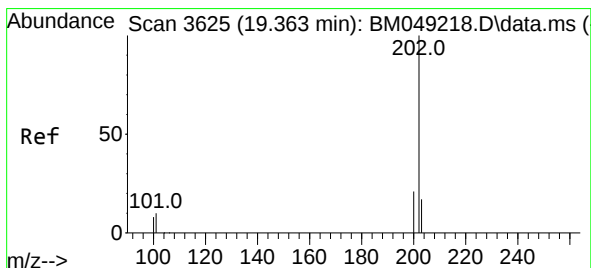
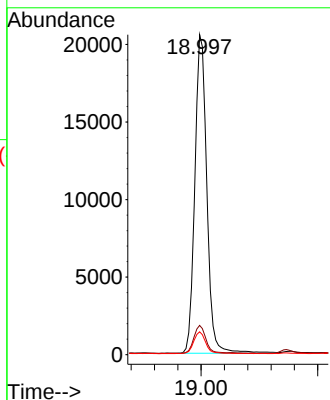
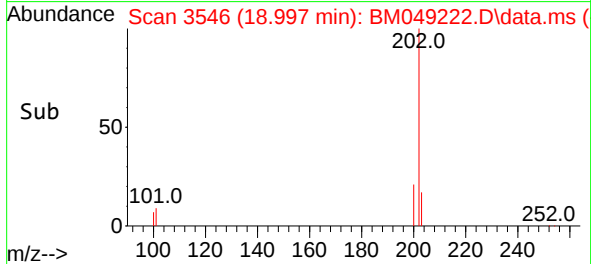
Instrument :
BNA_M
ClientSampleId :
E2923DL



Tgt Ion:202 Resp: 2942
Ion Ratio Lower Upper
202 100
101 9.1 7.6 11.4
100 7.1 5.5 8.3

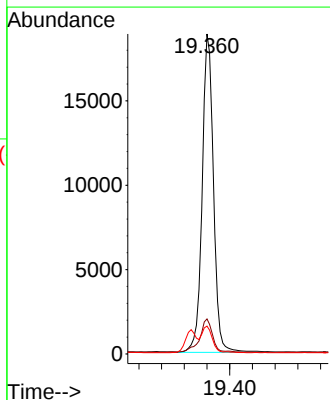
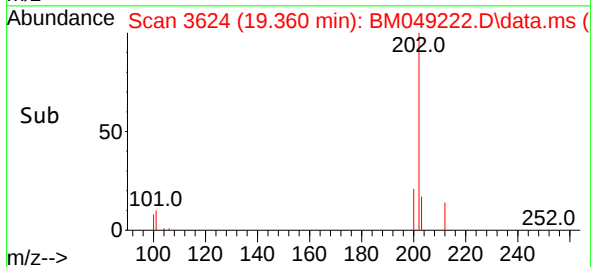
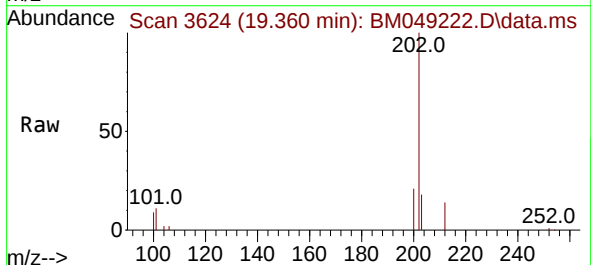
Manual Integrations
APPROVED

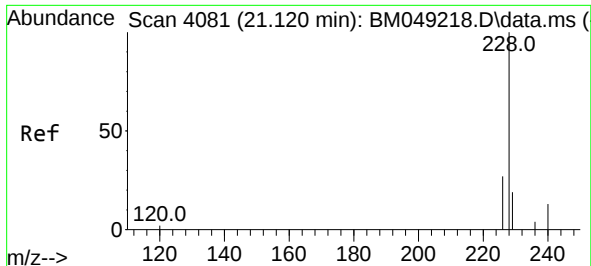
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#20
Pyrene
Concen: 0.389 ng/u1
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM049222.D
Acq: 26 Dec 2024 12:40

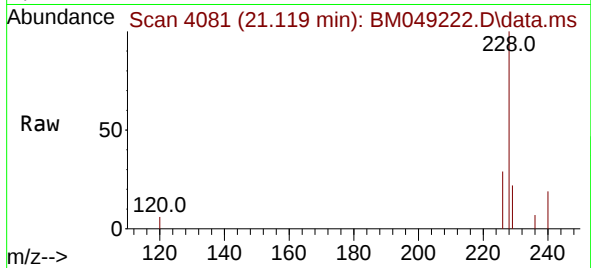
Tgt Ion:202 Resp: 26124
Ion Ratio Lower Upper
202 100
101 11.0 8.9 13.3
100 8.7 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.222 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. -0.000 min
Lab File: BM049222.D
Acq: 26 Dec 2024 12:40

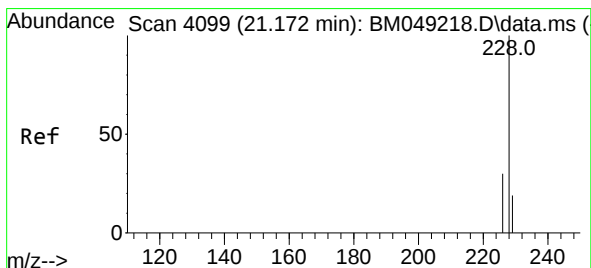
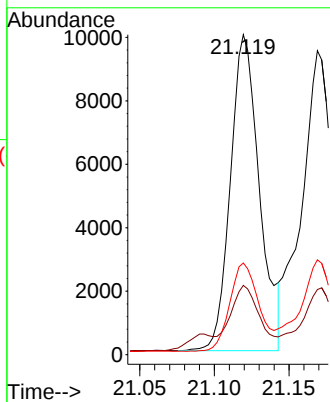
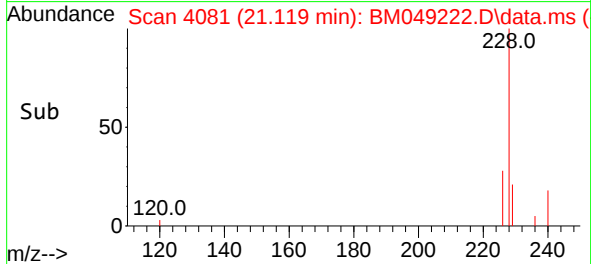
Instrument :
BNA_M
ClientSampleId :
E2923DL



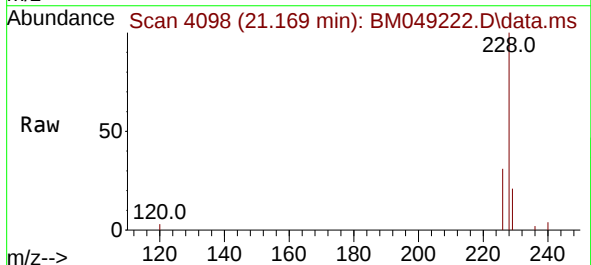
Tgt Ion:228 Resp: 13480
Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 28.6 22.6 34.0

Manual Integrations
APPROVED

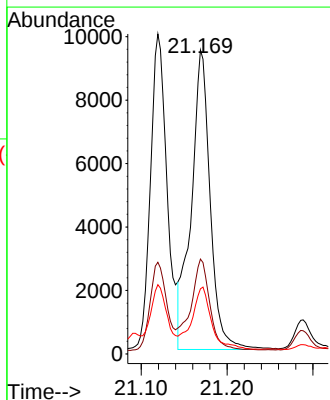
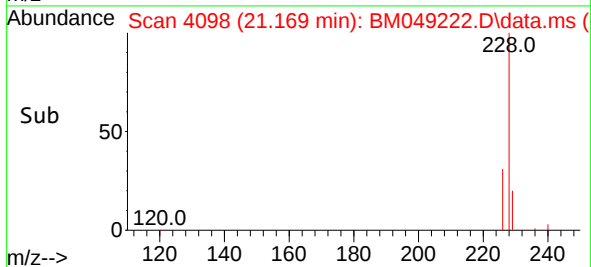
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

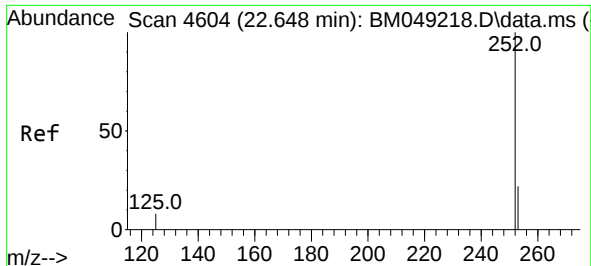


#22
Chrysene
Concen: 0.224 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049222.D
Acq: 26 Dec 2024 12:40



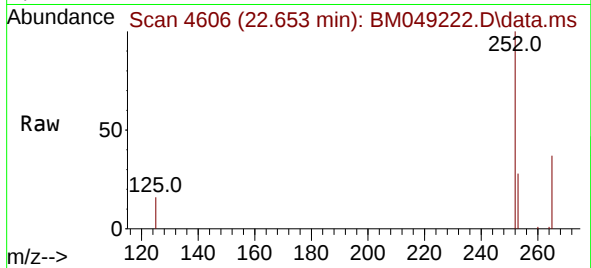
Tgt Ion:228 Resp: 14547
Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 21.4 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.288 ng/ul m
RT: 22.653 min Scan# 4606
Delta R.T. 0.005 min
Lab File: BM049222.D
Acq: 26 Dec 2024 12:40

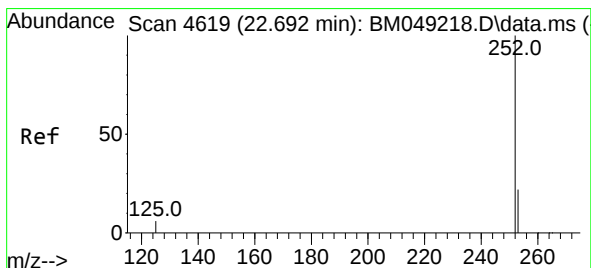
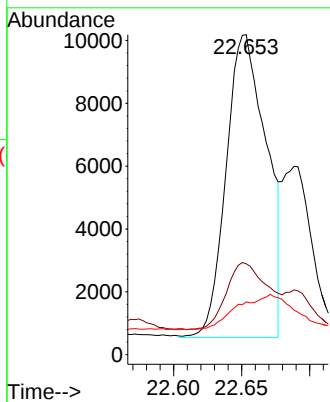
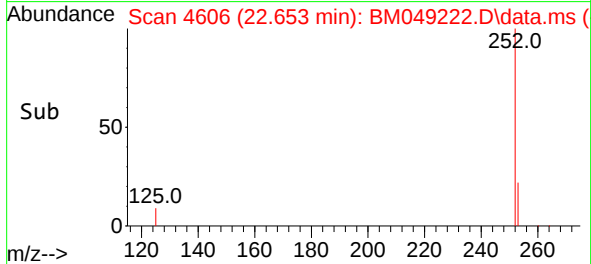
Instrument :
BNA_M
ClientSampleId :
E2923DL



Tgt Ion:252 Resp: 1990
Ion Ratio Lower Upper
252 100
253 28.4 0.0 52.6
125 16.5 0.0 30.8

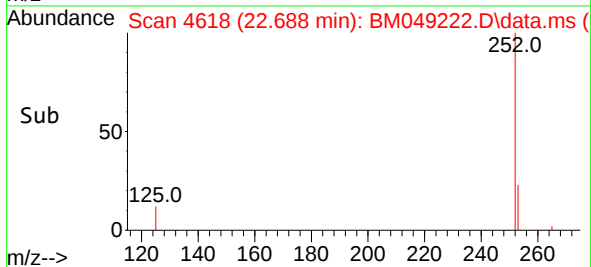
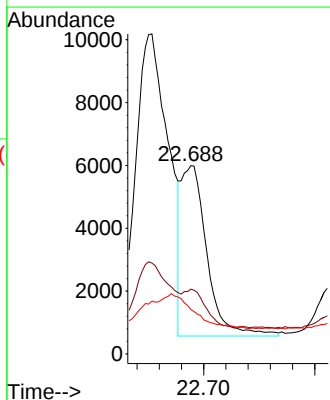
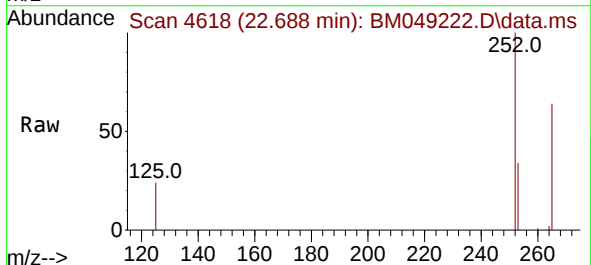
Manual Integrations
APPROVED

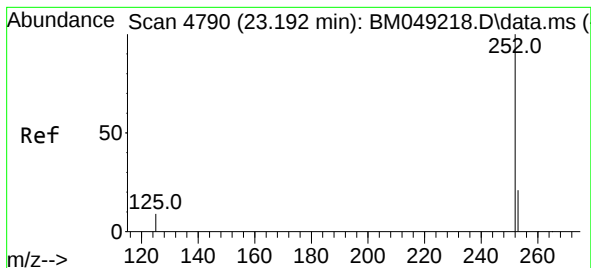
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#25
Benzo(k)fluoranthene
Concen: 0.115 ng/ul m
RT: 22.688 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BM049222.D
Acq: 26 Dec 2024 12:40

Tgt Ion:252 Resp: 8714
Ion Ratio Lower Upper
252 100
253 34.4 21.3 31.9#
125 23.7 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 0.214 ng/ul

RT: 23.194 min Scan# 4790

Delta R.T. 0.002 min

Lab File: BM049222.D

Acq: 26 Dec 2024 12:40

Instrument :

BNA_M

ClientSampleId :

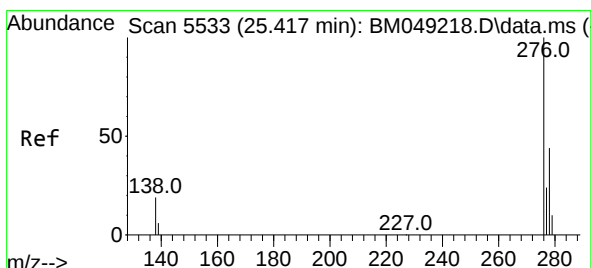
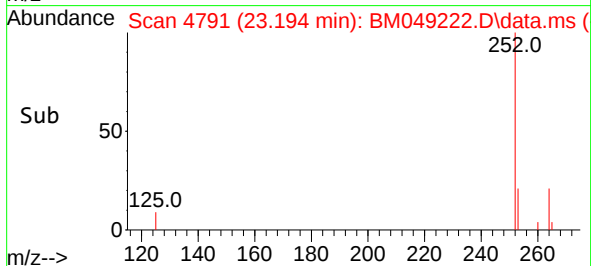
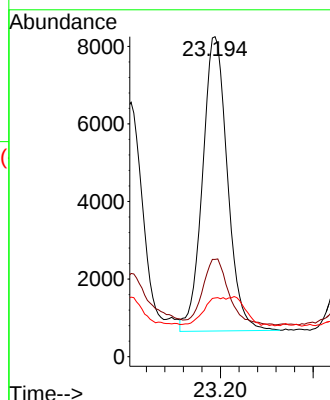
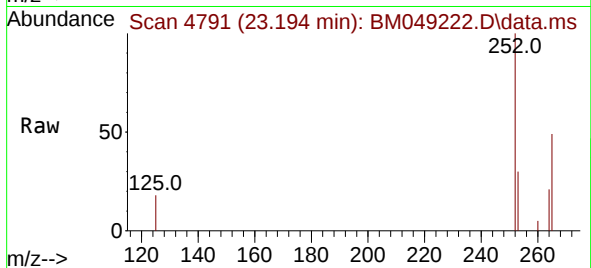
E2923DL

Tgt Ion:	252	Resp:	14174
Ion Ratio	Lower	Upper	
252	100		
253	30.4	22.4	33.6
125	18.3	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.127 ng/ul

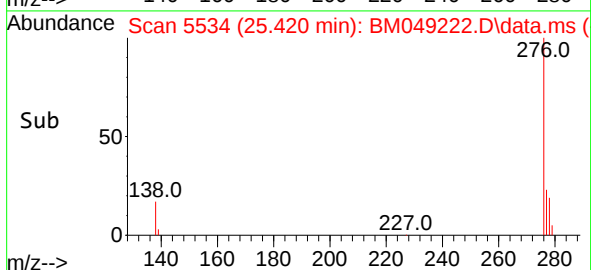
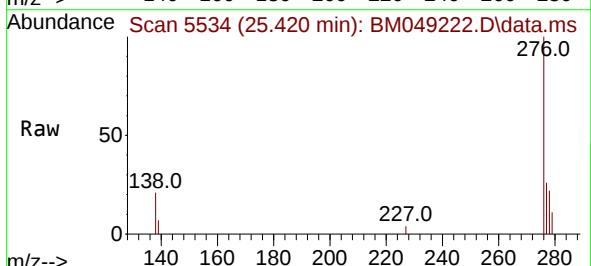
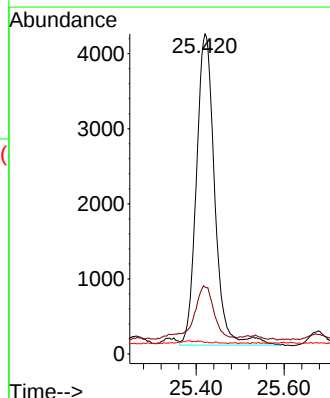
RT: 25.420 min Scan# 5534

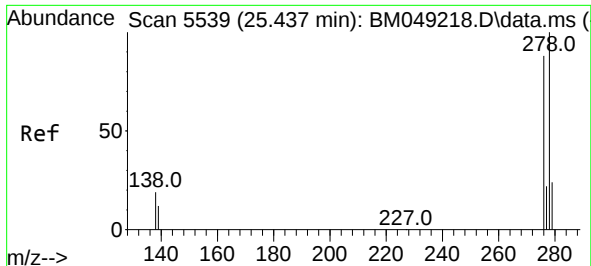
Delta R.T. 0.003 min

Lab File: BM049222.D

Acq: 26 Dec 2024 12:40

Tgt Ion:	276	Resp:	11954
Ion Ratio	Lower	Upper	
276	100		
138	17.4	17.4	26.2#
227	0.0	0.2	0.2#





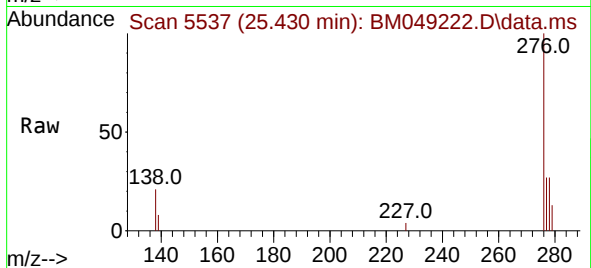
#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.430 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM049222.D
Acq: 26 Dec 2024 12:40

Instrument :

BNA_M

ClientSampleId :

E2923DL

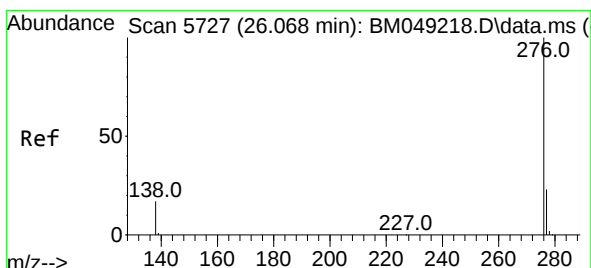
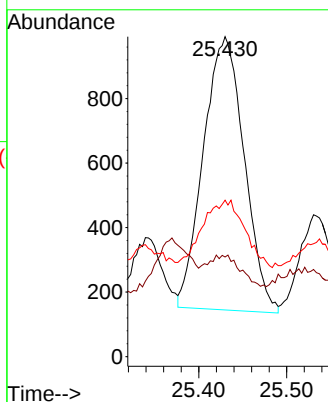
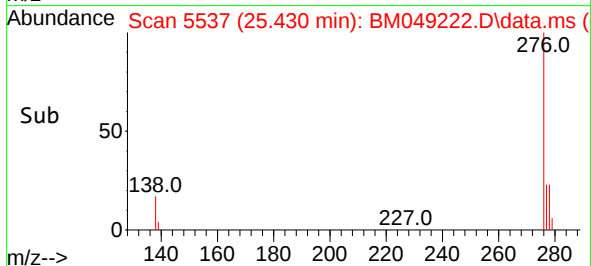


Tgt Ion:278 Resp: 273
Ion Ratio Lower Upper
278 100
139 31.1 13.5 20.3
279 48.9 21.5 32.3

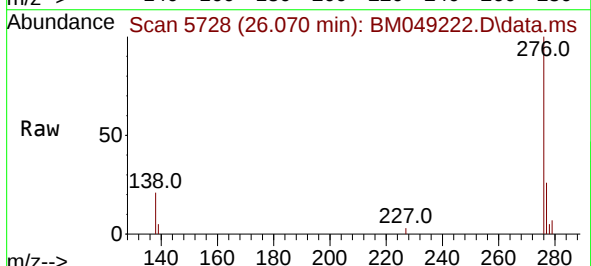
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#29
Benzo(g,h,i)perylene
Concen: 0.159 ng/ul
RT: 26.070 min Scan# 5728
Delta R.T. 0.003 min
Lab File: BM049222.D
Acq: 26 Dec 2024 12:40



Tgt Ion:276 Resp: 12014
Ion Ratio Lower Upper
276 100
138 21.0 16.7 25.1
277 25.7 19.9 29.9

