

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049221.D
 Acq On : 26 Dec 2024 12:04
 Operator : RC/JU
 Sample : P5302-07DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AS0DL

Manual Integrations
 APPROVED

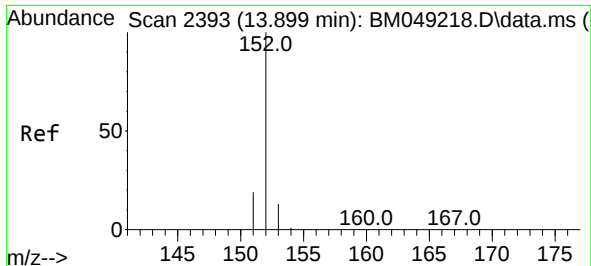
Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 26 22:52:29 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)

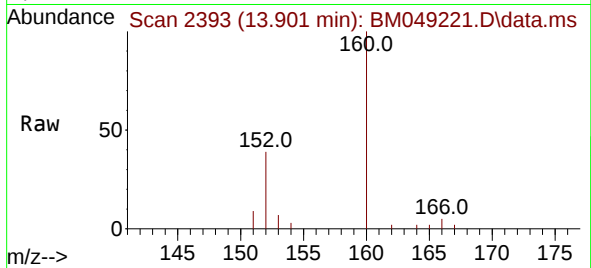
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	4959	0.400	ng/ul	0.00
4) Naphthalene-d8	10.310	136	14068	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	7989	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.934	188	16174	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	14985	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	18809	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3200	0.560	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	581	0.031	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	1474	0.035	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.901	152	2817	0.085	ng/ul#	92
12) Fluorene	15.242	166	717	0.026	ng/ul#	92
15) Phenanthrene	16.977	178	9691	0.229	ng/ul	98
16) Anthracene	17.065	178	2349	0.061	ng/ul#	89
19) Fluoranthene	19.002	202	22545	0.416	ng/ul	98
20) Pyrene	19.360	202	16822	0.291	ng/ul	99
21) Benzo(a)anthracene	21.122	228	9831	0.189	ng/ul	94
22) Chrysene	21.172	228	9695	0.173	ng/ul	95
24) Benzo(b)fluoranthene	22.651	252	15765m	0.262	ng/ul	
25) Benzo(k)fluoranthene	22.691	252	6212m	0.094	ng/ul	
26) Benzo(a)pyrene	23.194	252	8127	0.141	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.423	276	7942	0.097	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.430	278	2082	0.033	ng/ul#	49
29) Benzo(g,h,i)perylene	26.071	276	4723	0.072	ng/ul#	87

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



#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 13.901 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM049221.D
Acq: 26 Dec 2024 12:04

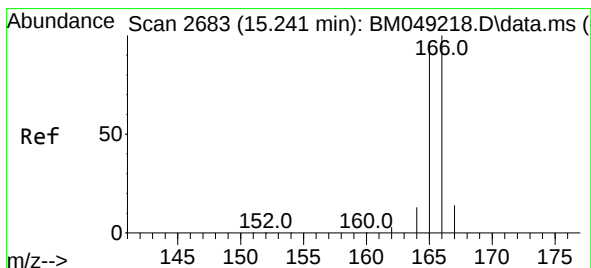
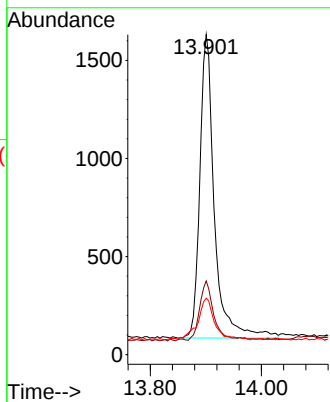
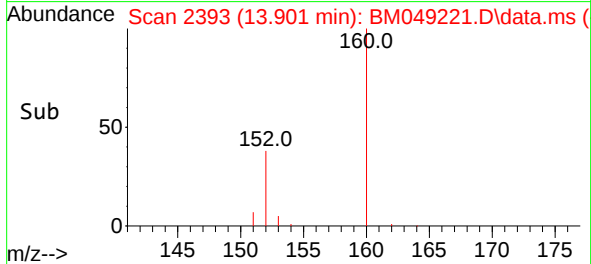
Instrument :
BNA_M
ClientSampleId :
E2AS0DL



Tgt Ion:152 Resp: 281
Ion Ratio Lower Upper
152 100
151 23.1 16.0 24.0
153 17.7 11.0 16.6

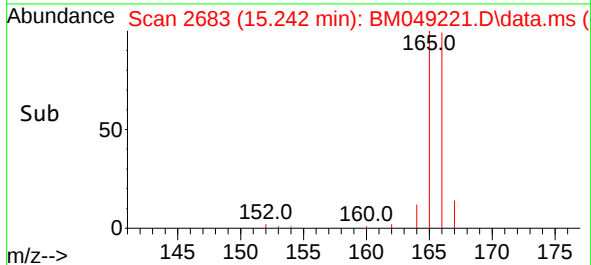
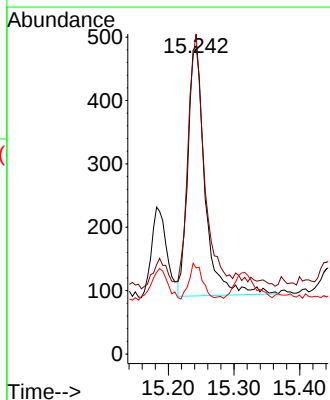
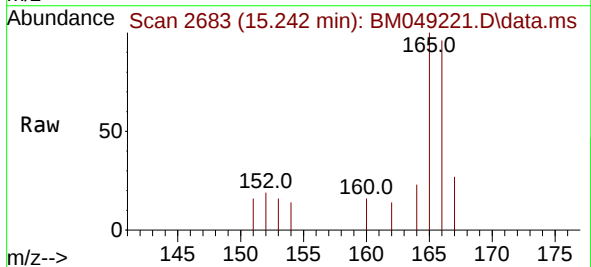
Manual Integrations
APPROVED

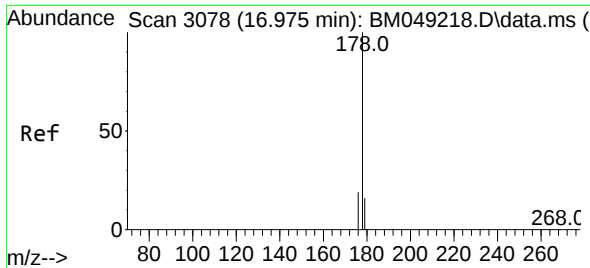
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.242 min Scan# 2683
Delta R.T. 0.001 min
Lab File: BM049221.D
Acq: 26 Dec 2024 12:04

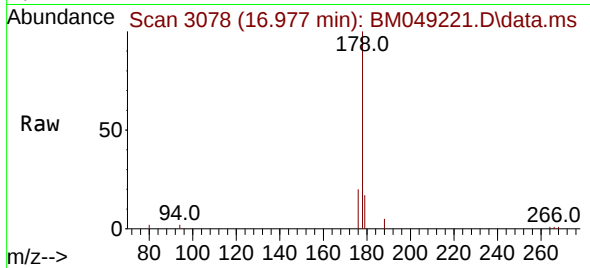
Tgt Ion:166 Resp: 717
Ion Ratio Lower Upper
166 100
165 103.9 79.7 119.5
167 28.0 11.4 17.0#





#15
Phenanthrene
Concen: 0.229 ng/ul
RT: 16.977 min Scan# 3078
Delta R.T. 0.001 min
Lab File: BM049221.D
Acq: 26 Dec 2024 12:04

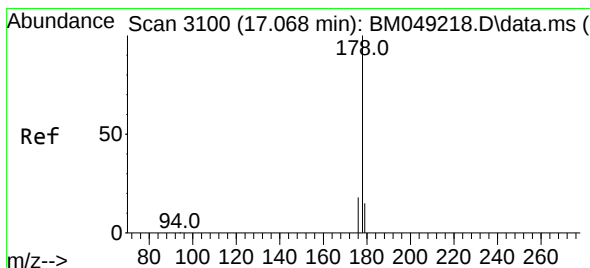
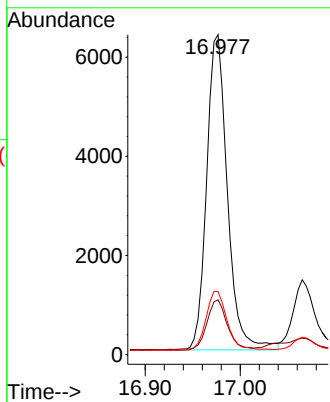
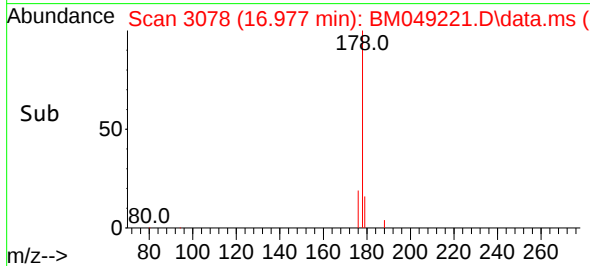
Instrument :
BNA_M
ClientSampleId :
E2AS0DL



Tgt Ion:178 Resp: 969
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.4
176 19.8 16.2 24.2

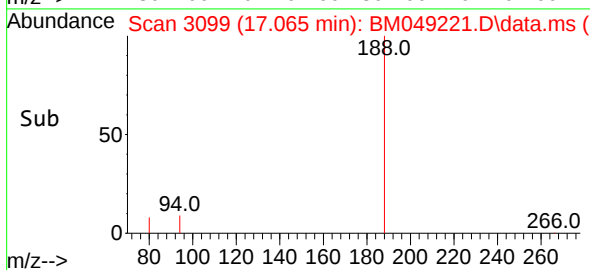
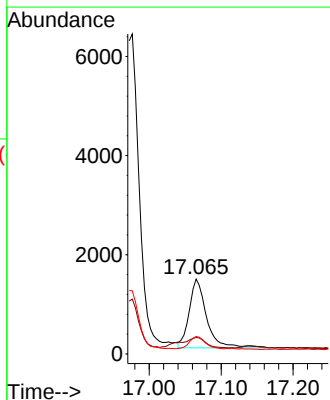
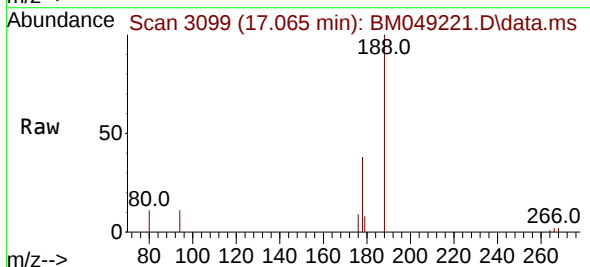
Manual Integrations
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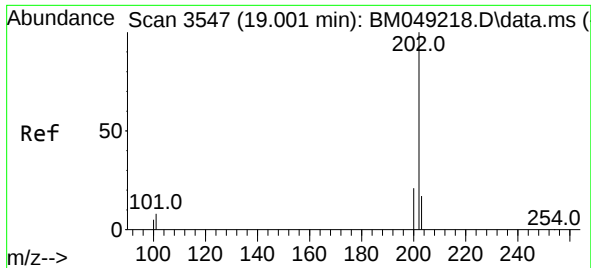
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#16
Anthracene
Concen: 0.061 ng/ul
RT: 17.065 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM049221.D
Acq: 26 Dec 2024 12:04

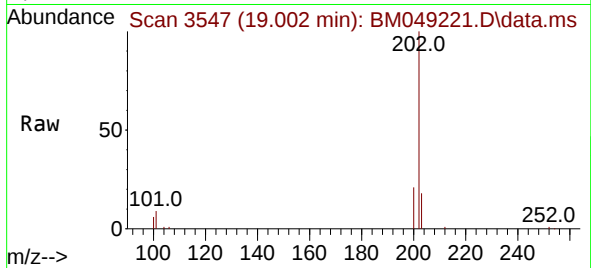
Tgt Ion:178 Resp: 2349
Ion Ratio Lower Upper
178 100
179 22.0 12.9 19.3#
176 23.3 15.3 22.9#





#19
Fluoranthene
Concen: 0.416 ng/u1
RT: 19.002 min Scan# 3547
Delta R.T. 0.001 min
Lab File: BM049221.D
Acq: 26 Dec 2024 12:04

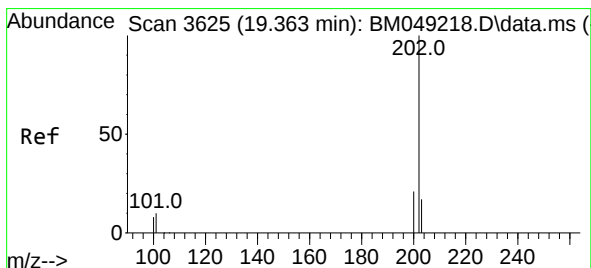
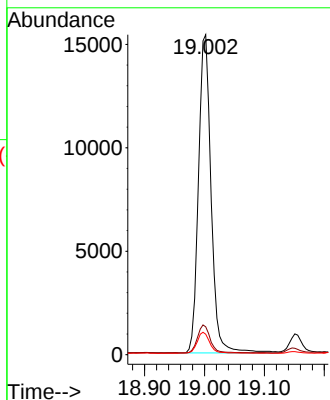
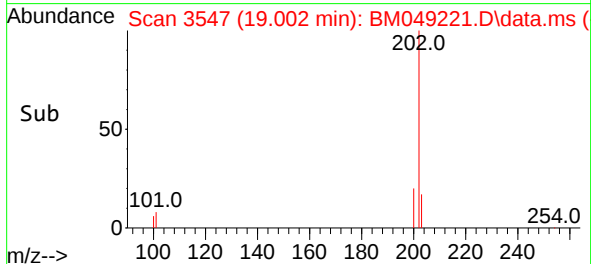
Instrument :
BNA_M
ClientSampleId :
E2AS0DL



Tgt Ion:202 Resp: 22549
Ion Ratio Lower Upper
202 100
101 8.7 7.6 11.4
100 6.4 5.5 8.3

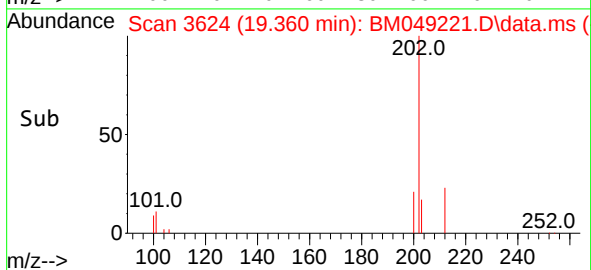
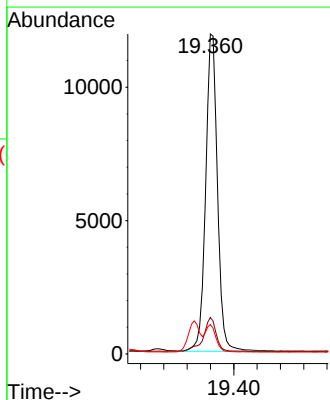
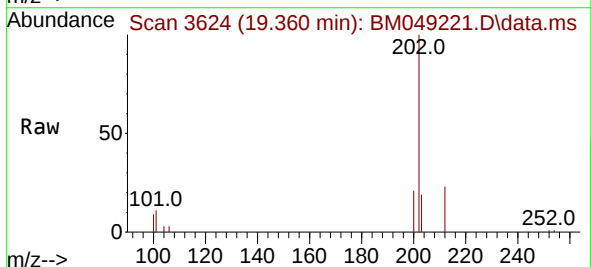
Manual Integrations
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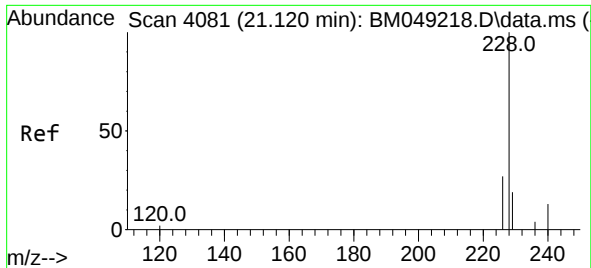
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#20
Pyrene
Concen: 0.291 ng/u1
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM049221.D
Acq: 26 Dec 2024 12:04

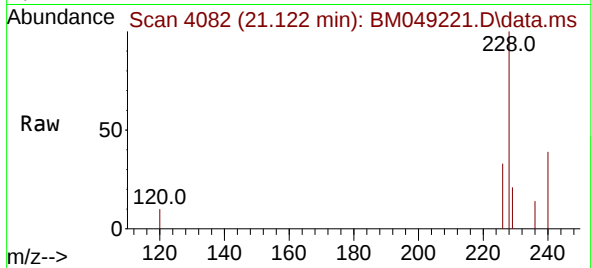
Tgt Ion:202 Resp: 16822
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
100 9.2 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.189 ng/ul
RT: 21.122 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM049221.D
Acq: 26 Dec 2024 12:04

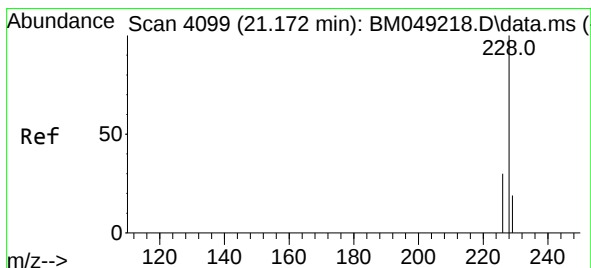
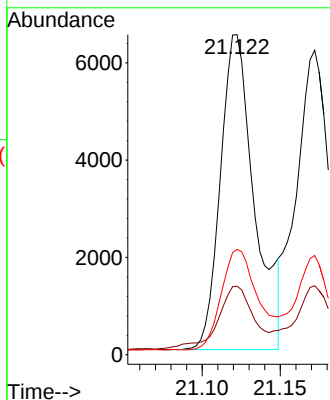
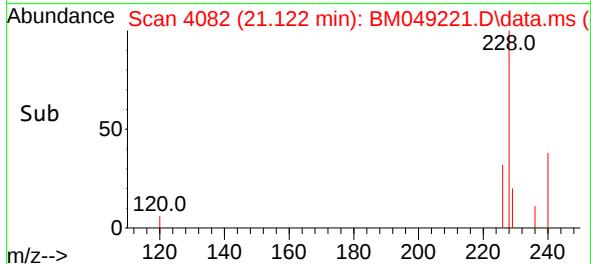
Instrument :
BNA_M
ClientSampleId :
E2AS0DL



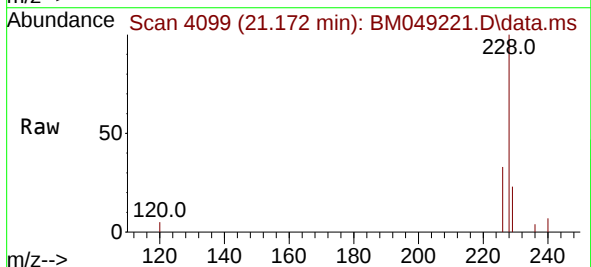
Tgt Ion:228 Resp: 983
Ion Ratio Lower Upper
228 100
229 21.4 15.9 23.9
226 32.9 22.6 34.0

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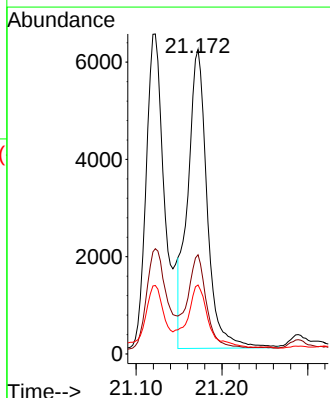
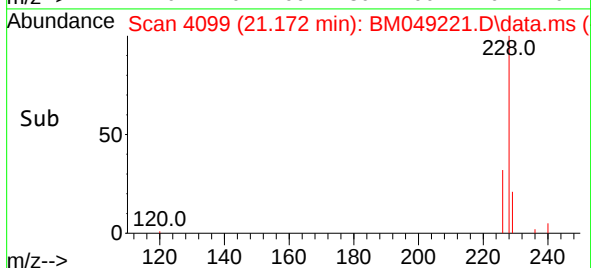
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

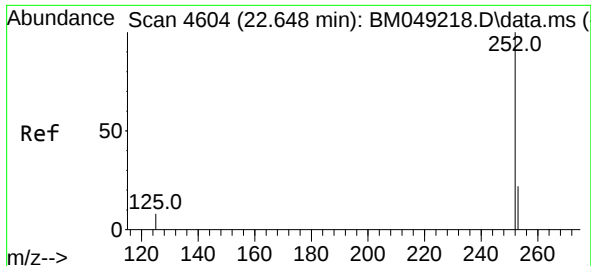


#22
Chrysene
Concen: 0.173 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.000 min
Lab File: BM049221.D
Acq: 26 Dec 2024 12:04



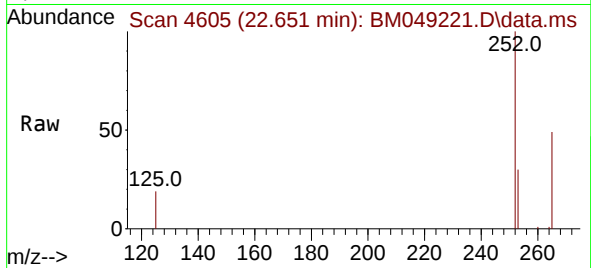
Tgt Ion:228 Resp: 9695
Ion Ratio Lower Upper
228 100
226 32.6 24.1 36.1
229 22.7 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.262 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. 0.003 min
Lab File: BM049221.D
Acq: 26 Dec 2024 12:04

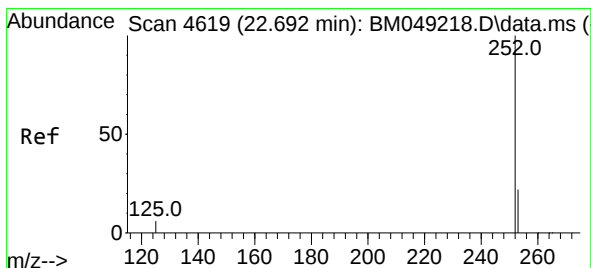
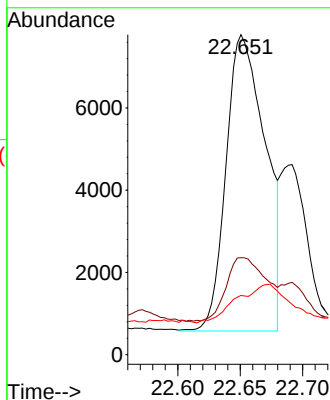
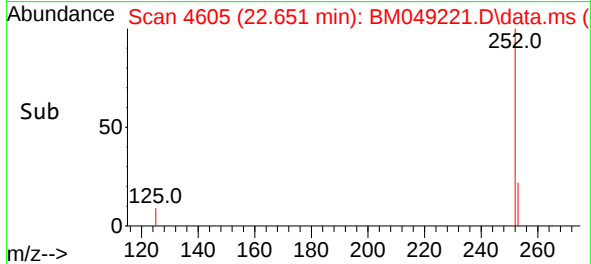
Instrument :
BNA_M
ClientSampleId :
E2AS0DL



Tgt Ion:252 Resp: 15768
Ion Ratio Lower Upper
252 100
253 30.3 0.0 52.6
125 18.5 0.0 30.8

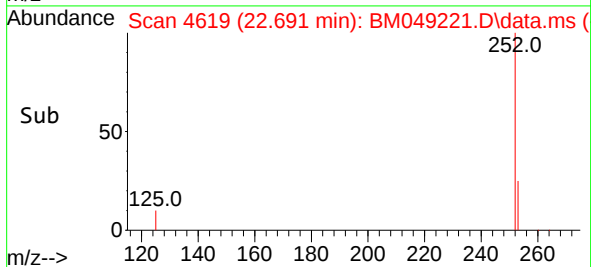
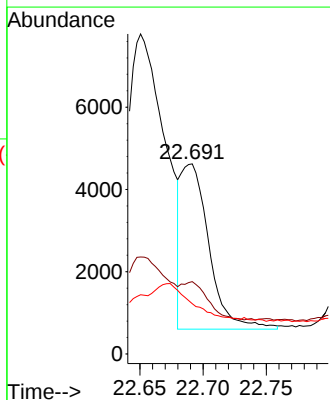
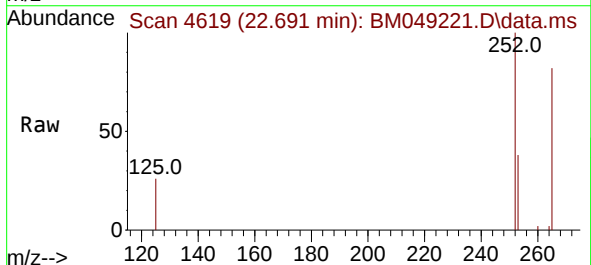
Manual Integrations
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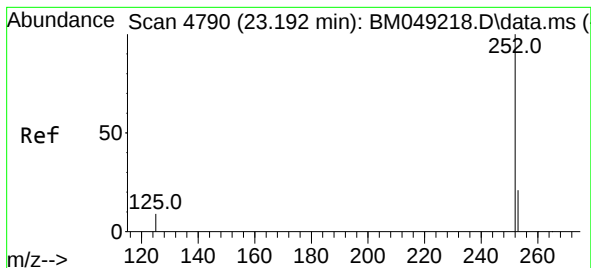
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#25
Benzo(k)fluoranthene
Concen: 0.094 ng/ul m
RT: 22.691 min Scan# 4619
Delta R.T. -0.000 min
Lab File: BM049221.D
Acq: 26 Dec 2024 12:04

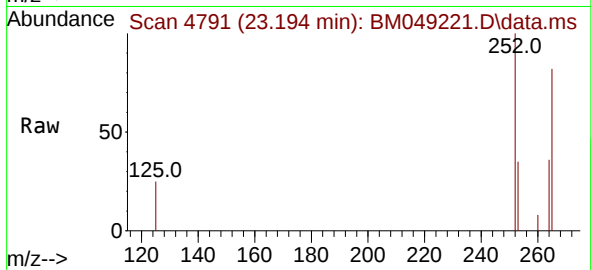
Tgt Ion:252 Resp: 6212
Ion Ratio Lower Upper
252 100
253 38.1 21.3 31.9#
125 26.5 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.141 ng/ul
RT: 23.194 min Scan# 4790
Delta R.T. 0.003 min
Lab File: BM049221.D
Acq: 26 Dec 2024 12:04

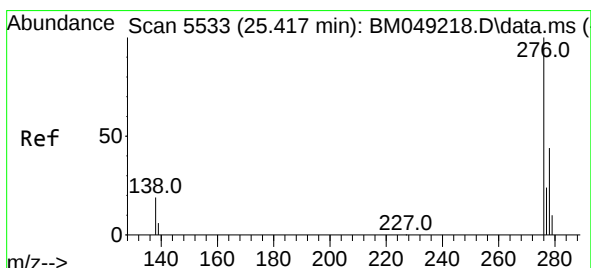
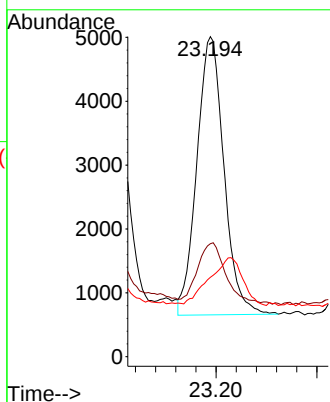
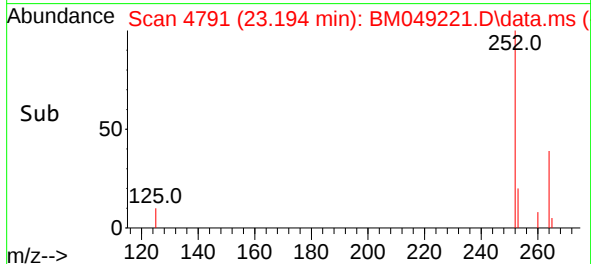
Instrument :
BNA_M
ClientSampleId :
E2AS0DL



Tgt Ion:252 Resp: 812
Ion Ratio Lower Upper
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253 35.3 22.4 33.6
125 24.8 14.8 22.2

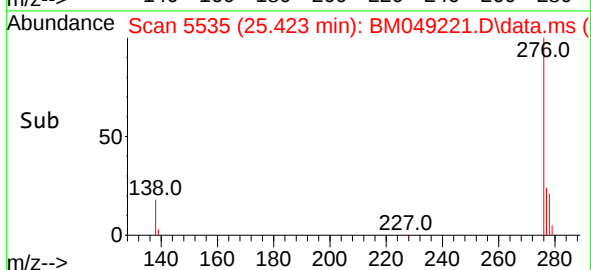
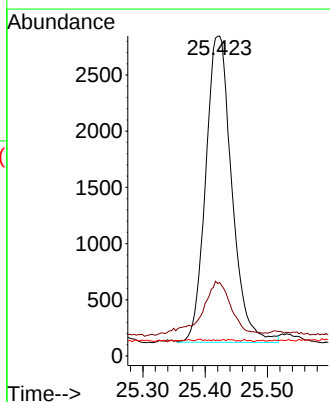
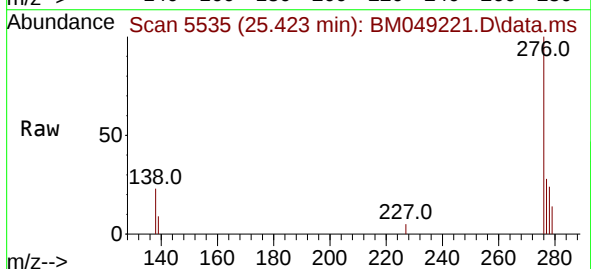
Manual Integrations
APPROVED

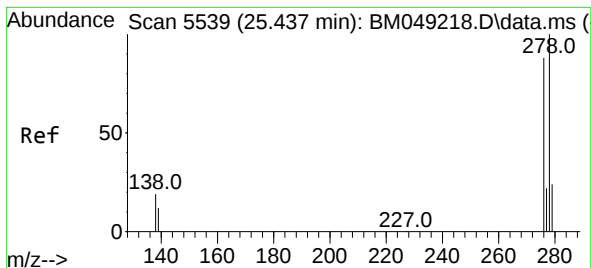
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng/ul
RT: 25.423 min Scan# 5535
Delta R.T. 0.006 min
Lab File: BM049221.D
Acq: 26 Dec 2024 12:04

Tgt Ion:276 Resp: 7942
Ion Ratio Lower Upper
276 100
138 20.2 17.4 26.2
227 0.1 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.033 ng/ul

RT: 25.430 min Scan# 51

Delta R.T. -0.007 min

Lab File: BM049221.D

Acq: 26 Dec 2024 12:04

Instrument :

BNA_M

ClientSampleId :

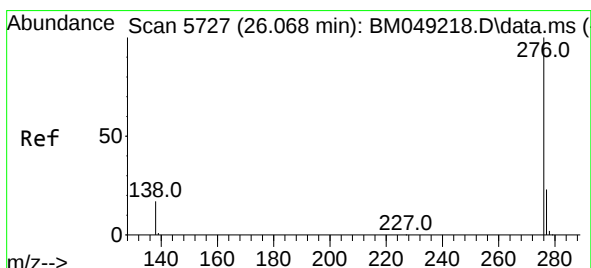
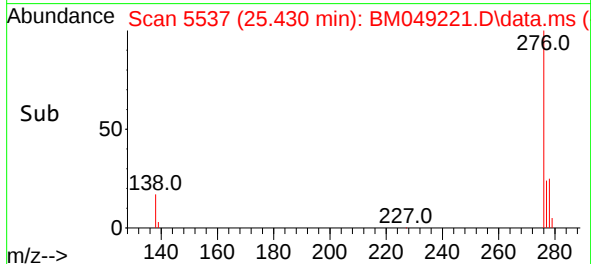
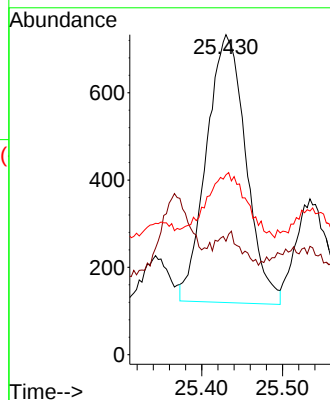
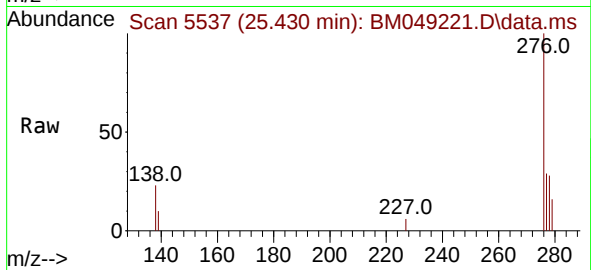
E2AS0DL

Tgt Ion:	278	Resp:	208
Ion Ratio	Lower	Upper	
278	100		
139	35.5	13.5	20.3
279	56.2	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: 0.072 ng/ul

RT: 26.071 min Scan# 5728

Delta R.T. 0.003 min

Lab File: BM049221.D

Acq: 26 Dec 2024 12:04

Tgt Ion:	276	Resp:	4723
Ion Ratio	Lower	Upper	
276	100		
138	28.6	16.7	25.1
277	29.8	19.9	29.9

