

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049212.D
 Acq On : 25 Dec 2024 08:32
 Operator : RC/JU
 Sample : P5333-05
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2908

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 21:52:20 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	7.548	152	7390	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	23335	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.183	164	13157	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.934	188	29086m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.134	240	24985m	0.400	ng/ul	-0.01
23) Perylene-d12	23.288	264	28950	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	40202	4.717	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	8724	0.278	ng/ul	-0.02
18) Fluoranthene-d10	18.970	212	15041	0.212	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.359	128	9955	0.170	ng/ul	96
7) 2-Methylnaphthalene	11.981	142	5224	0.141	ng/ul	96
8) 1-Methylnaphthalene	12.201	142	4018	0.106	ng/ul	100
10) Acenaphthylene	13.901	152	6691	0.123	ng/ul#	85
11) Acenaphthene	14.243	153	4505	0.113	ng/ul	98
12) Fluorene	15.238	166	4425	0.099	ng/ul#	97
15) Phenanthrene	16.972	178	94167m	1.240	ng/ul	
16) Anthracene	17.065	178	21111m	0.303	ng/ul	
19) Fluoranthene	18.998	202	228263	2.527	ng/ul	99
20) Pyrene	19.365	202	183807	1.908	ng/ul	97
21) Benzo(a)anthracene	21.120	228	101798	1.171	ng/ul	98
22) Chrysene	21.172	228	104949	1.125	ng/ul	97
24) Benzo(b)fluoranthene	22.651	252	137336m	1.485	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	52536m	0.518	ng/ul	
26) Benzo(a)pyrene	23.194	252	89061m	1.004	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.420	276	71796	0.572	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.423	278	16788	0.172	ng/ul#	83
29) Benzo(g,h,i)perylene	26.067	276	75995	0.753	ng/ul	99

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

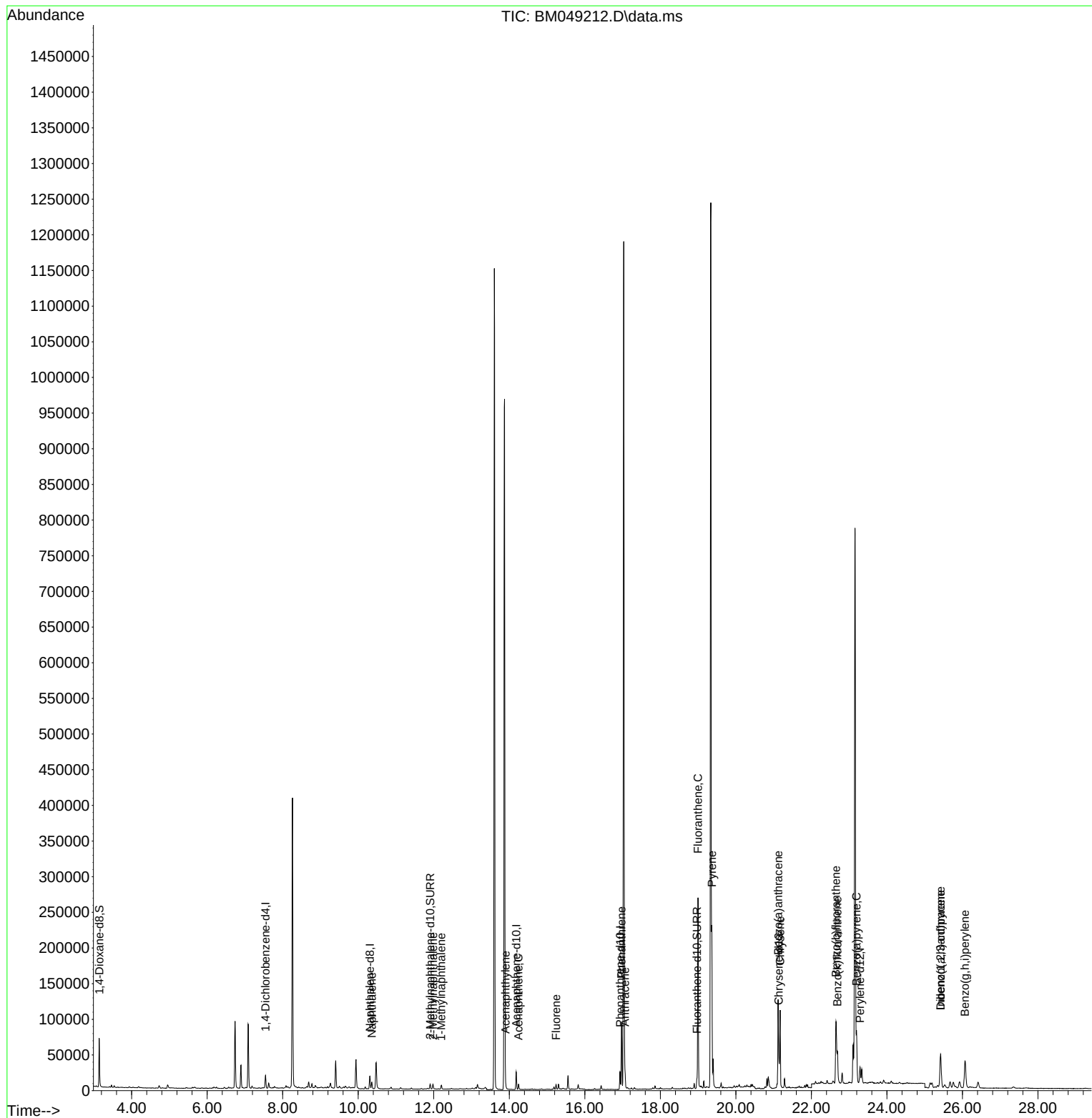
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049212.D
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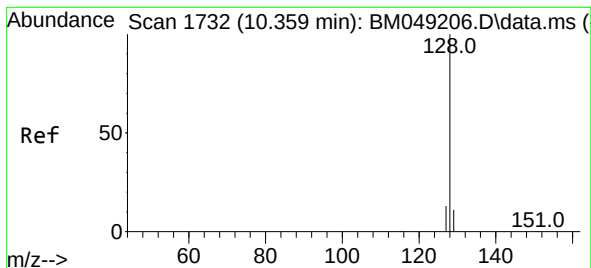
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Quant Time: Dec 25 21:52:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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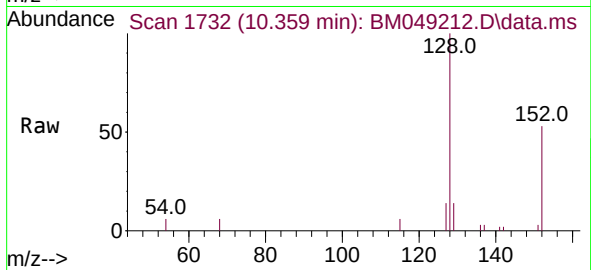
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024





#5
Naphthalene
Concen: 0.170 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. -0.021 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32

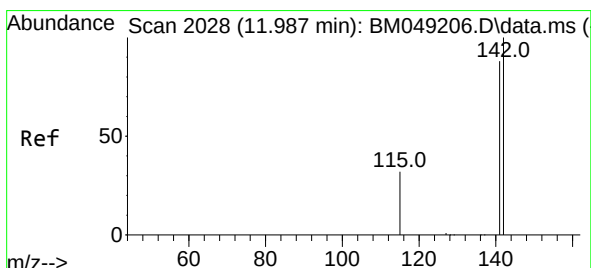
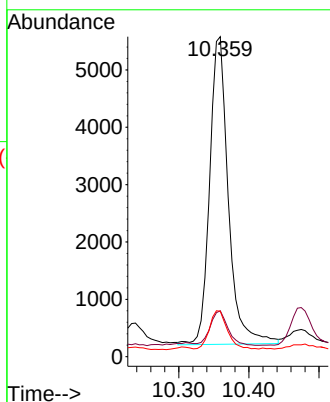
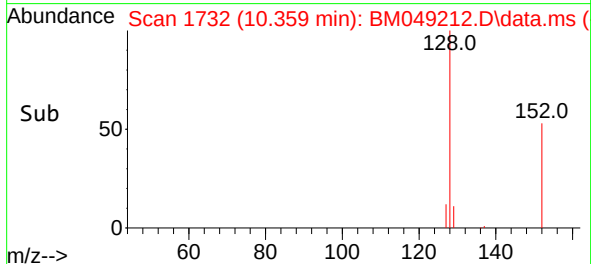
Instrument :
BNA_M
ClientSampleId :
E2908



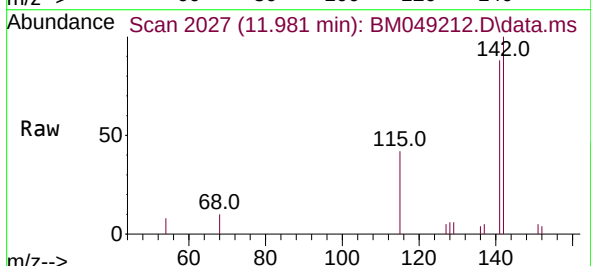
Tgt Ion:128 Resp: 995
Ion Ratio Lower Upper
128 100
129 14.3 9.7 14.5
127 14.2 10.6 16.0

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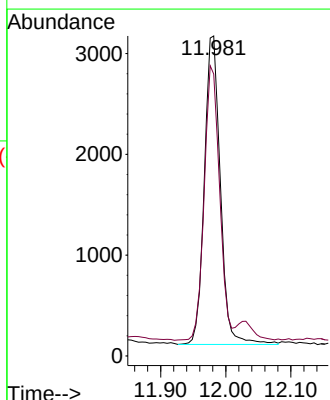
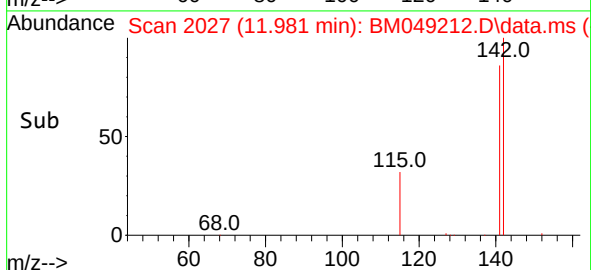
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

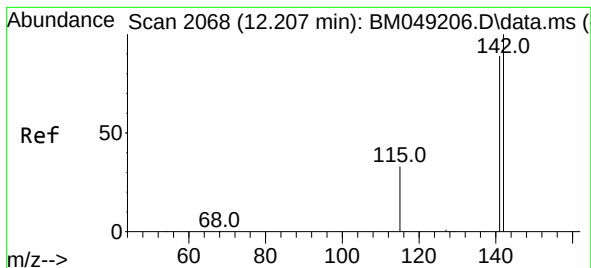


#7
2-Methylnaphthalene
Concen: 0.141 ng/ul
RT: 11.981 min Scan# 2027
Delta R.T. -0.021 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32



Tgt Ion:142 Resp: 5224
Ion Ratio Lower Upper
142 100
141 86.2 71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.106 ng/ul

RT: 12.201 min Scan# 2067

Delta R.T. -0.021 min

Lab File: BM049212.D

Acq: 25 Dec 2024 08:32

Instrument :

BNA_M

ClientSampleId :

E2908

Tgt Ion:142 Resp: 4018

Ion Ratio Lower Upper

142 100

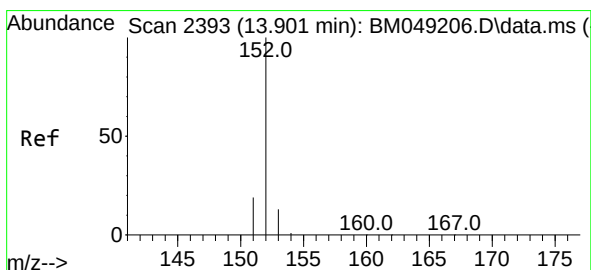
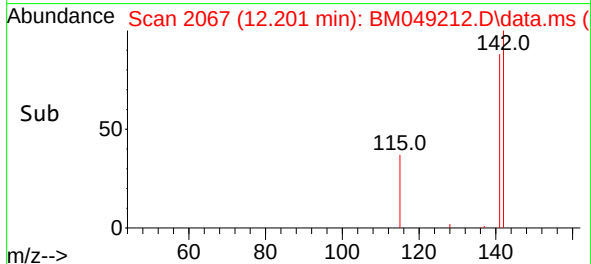
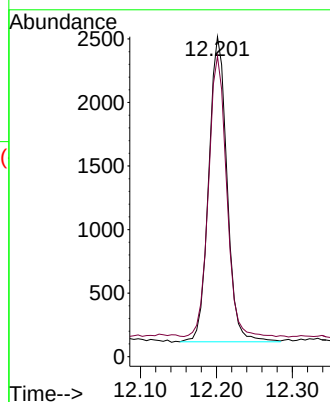
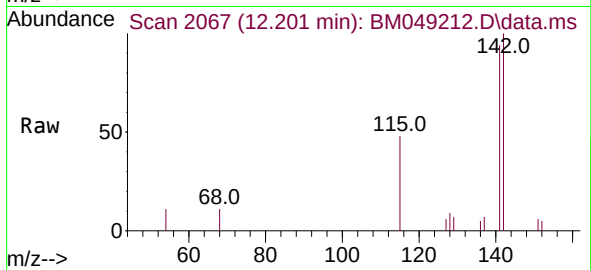
141 91.3 72.7 109.1

Manual Integrations

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Reviewed By :Yogesh Patel 12/26/2024

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#10

Acenaphthylene

Concen: 0.123 ng/ul

RT: 13.901 min Scan# 2393

Delta R.T. -0.017 min

Lab File: BM049212.D

Acq: 25 Dec 2024 08:32

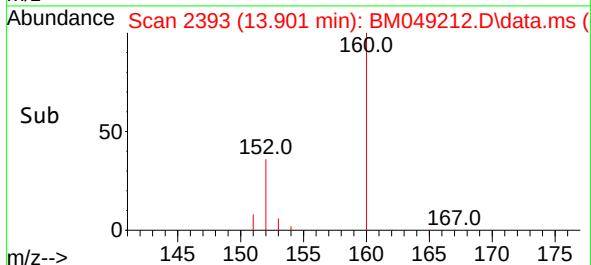
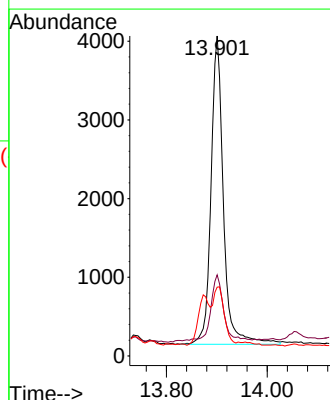
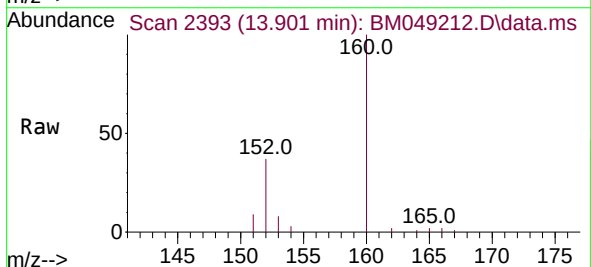
Tgt Ion:152 Resp: 6691

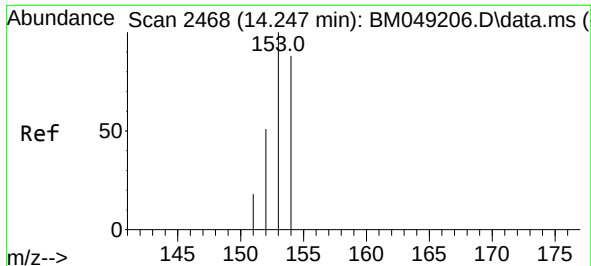
Ion Ratio Lower Upper

152 100

151 25.4 16.0 24.0#

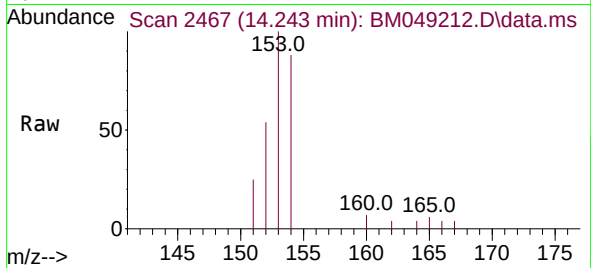
153 21.5 11.0 16.6#





#11
Acenaphthene
Concen: 0.113 ng/u1
RT: 14.243 min Scan# 2467
Delta R.T. -0.022 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32

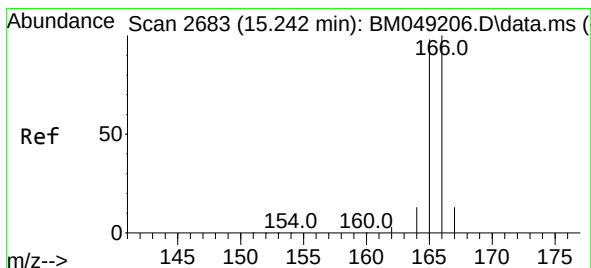
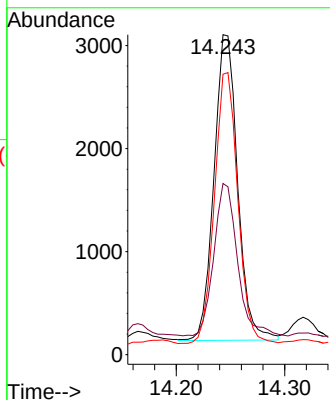
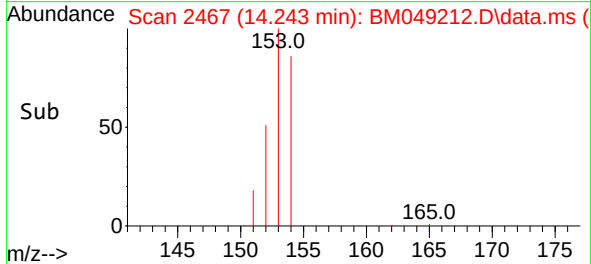
Instrument :
BNA_M
ClientSampleId :
E2908



Tgt Ion:153 Resp: 450
Ion Ratio Lower Upper
153 100
152 53.5 40.7 61.1
154 87.6 70.8 106.2

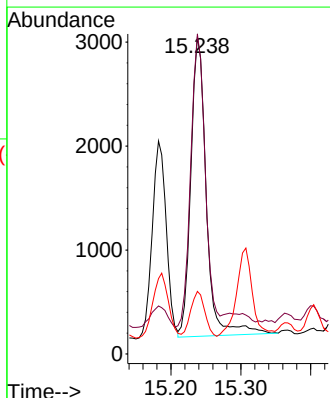
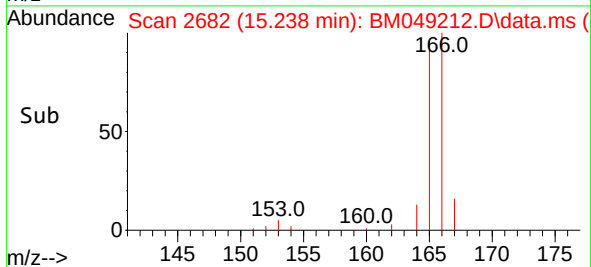
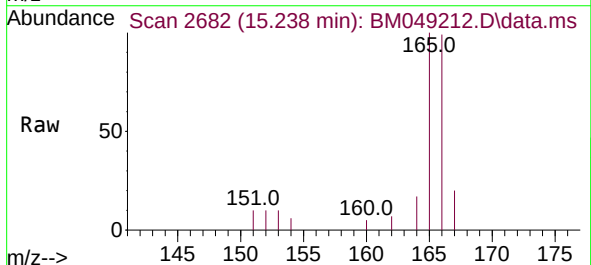
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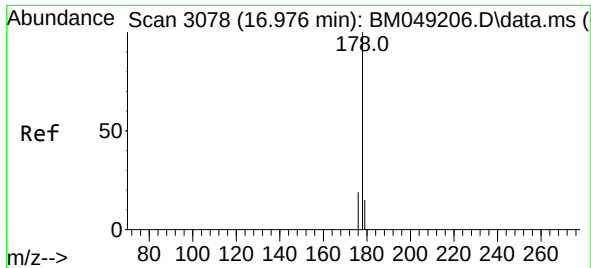
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#12
Fluorene
Concen: 0.099 ng/u1
RT: 15.238 min Scan# 2682
Delta R.T. -0.017 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32

Tgt Ion:166 Resp: 4425
Ion Ratio Lower Upper
166 100
165 101.0 79.7 119.5
167 19.8 11.4 17.0#





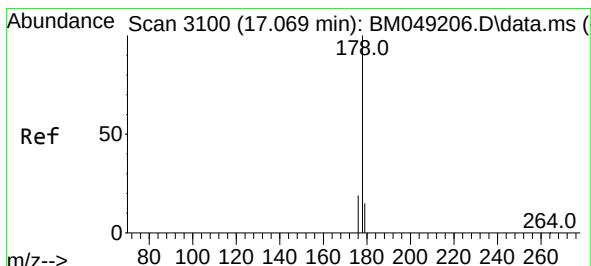
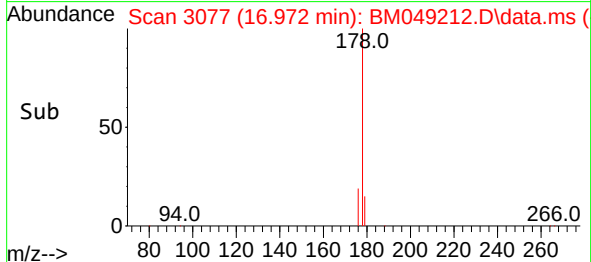
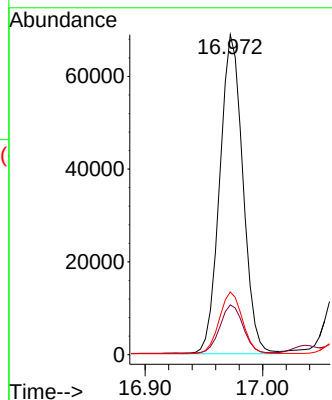
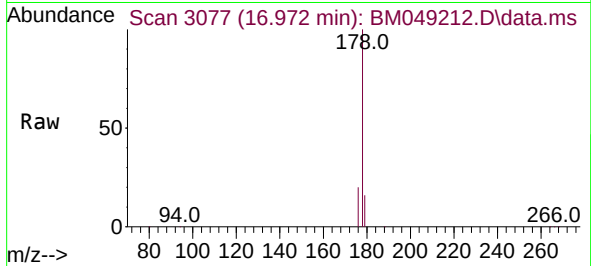
#15
Phenanthrene
Concen: 1.240 ng/ul m
RT: 16.972 min Scan# 3078
Delta R.T. -0.020 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32

Instrument :
BNA_M
ClientSampleId :
E2908

Tgt Ion:178 Resp: 9416
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.6 16.2 24.2

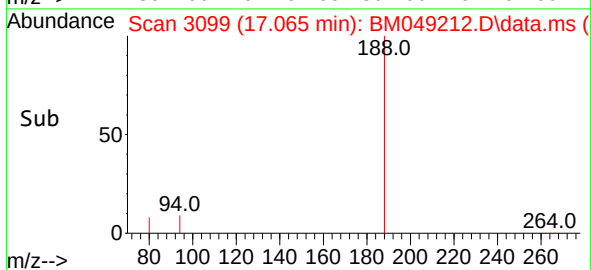
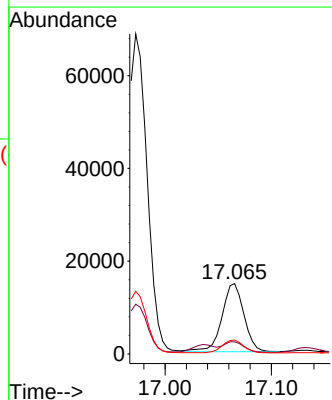
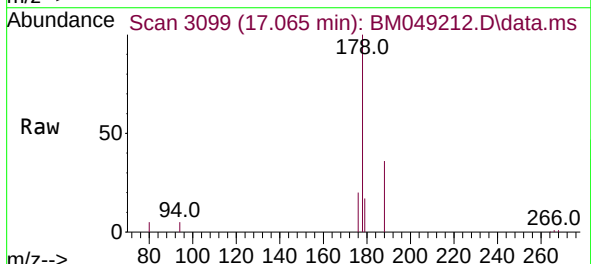
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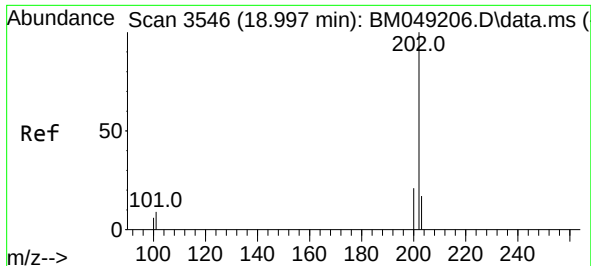
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#16
Anthracene
Concen: 0.303 ng/ul m
RT: 17.065 min Scan# 3099
Delta R.T. -0.020 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32

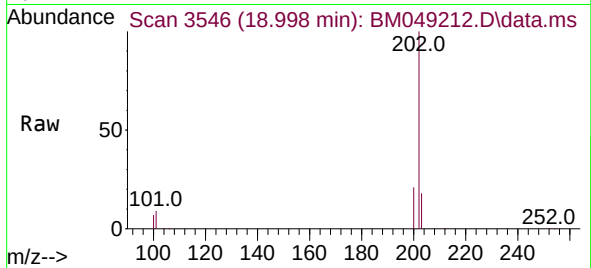
Tgt Ion:178 Resp: 21111
Ion Ratio Lower Upper
178 100
179 17.3 12.9 19.3
176 19.8 15.3 22.9





#19
Fluoranthene
Concen: 2.527 ng/u1
RT: 18.998 min Scan# 3546
Delta R.T. -0.017 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32

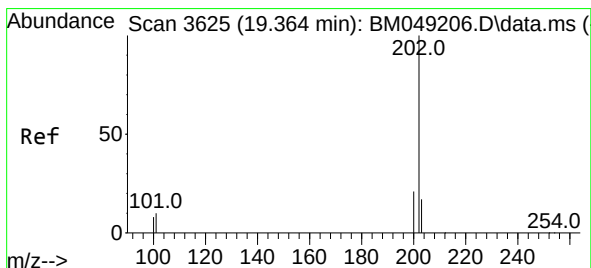
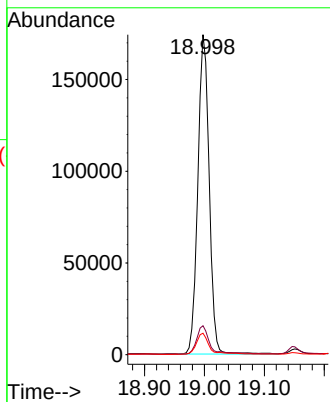
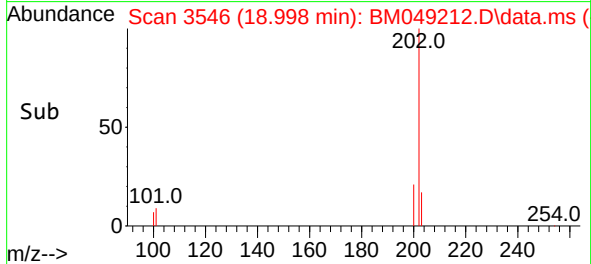
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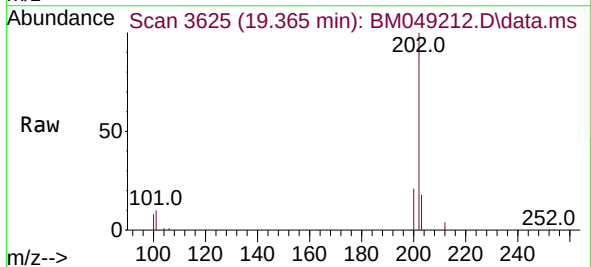
Tgt Ion:202 Resp: 22826
Ion Ratio Lower Upper
202 100
101 9.1 7.6 11.4
100 6.7 5.5 8.3

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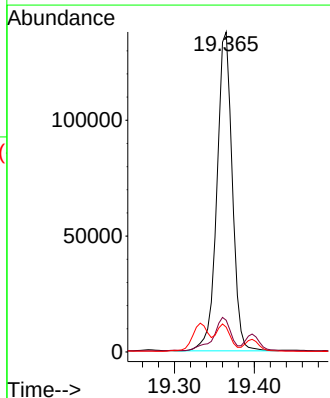
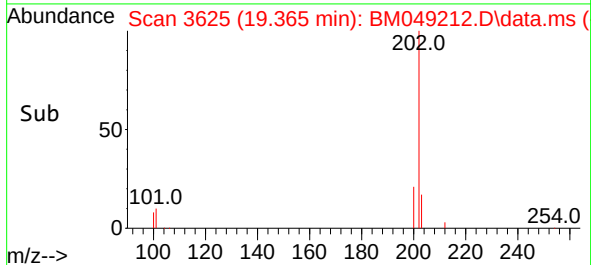
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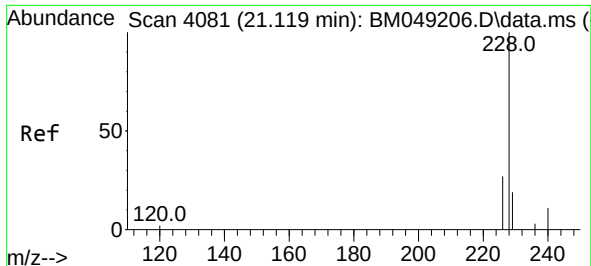


#20
Pyrene
Concen: 1.908 ng/u1
RT: 19.365 min Scan# 3625
Delta R.T. -0.013 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32



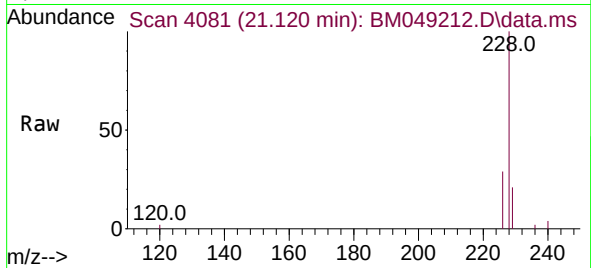
Tgt Ion:202 Resp: 183807
Ion Ratio Lower Upper
202 100
101 9.9 8.9 13.3
100 7.7 6.9 10.3





#21
Benzo(a)anthracene
Concen: 1.171 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. -0.012 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32

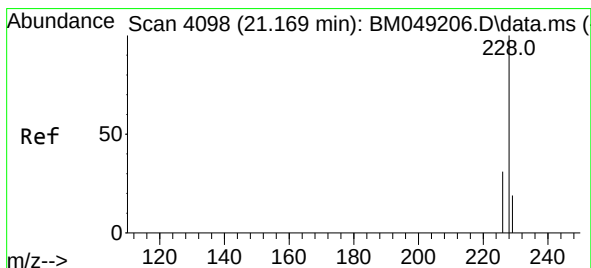
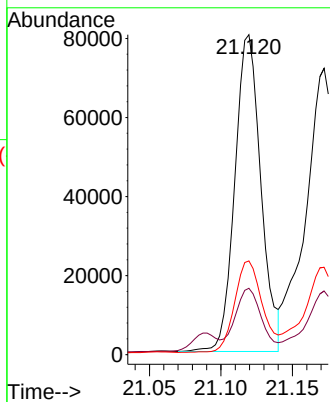
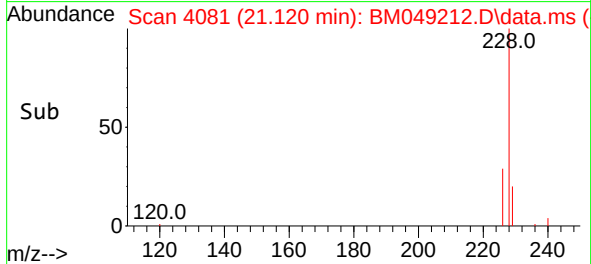
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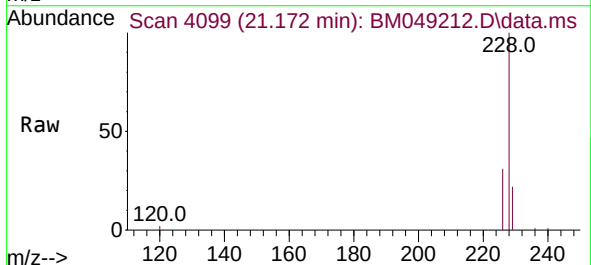
Tgt Ion:228 Resp: 101798
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 29.3 22.6 34.0

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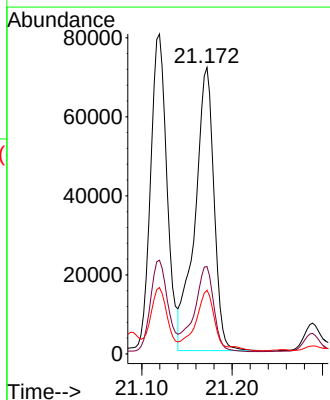
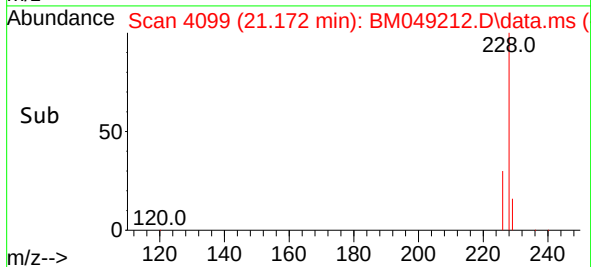
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

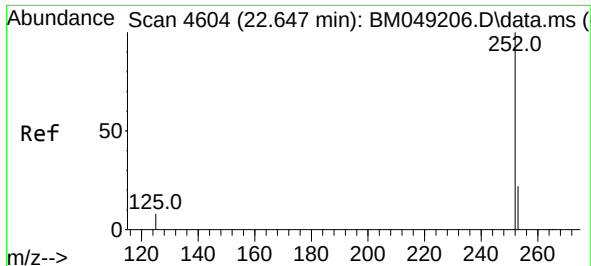


#22
Chrysene
Concen: 1.125 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.012 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32



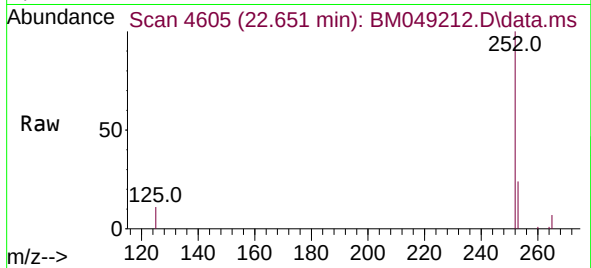
Tgt Ion:228 Resp: 104949
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 22.2 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 1.485 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32

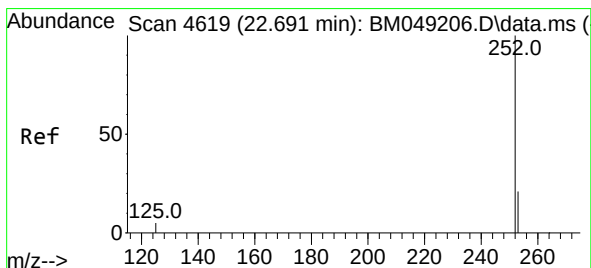
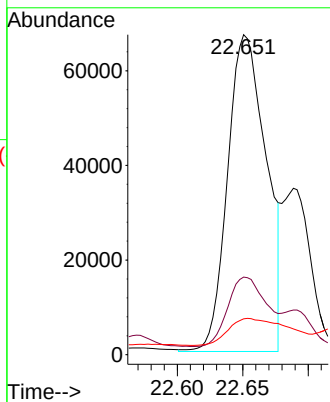
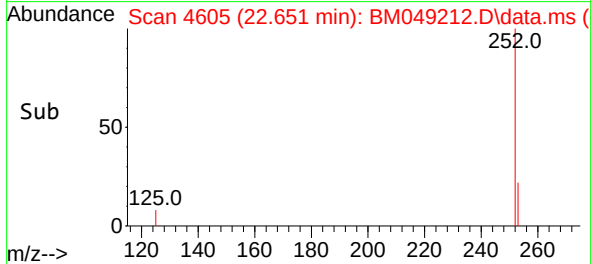
Instrument :
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Tgt Ion:252 Resp: 137336
Ion Ratio Lower Upper
252 100
253 24.2 0.0 52.6
125 11.2 0.0 30.8

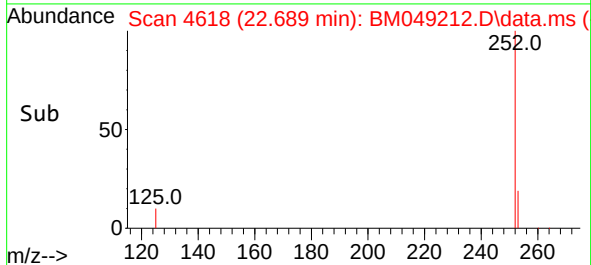
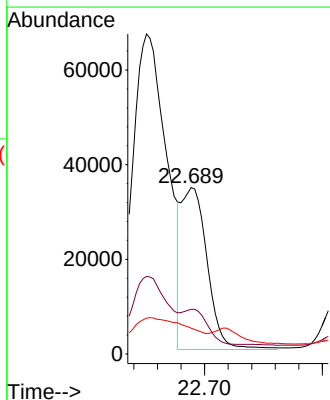
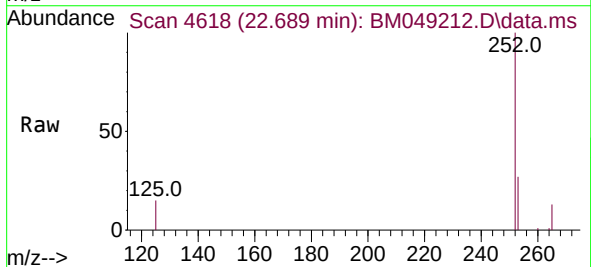
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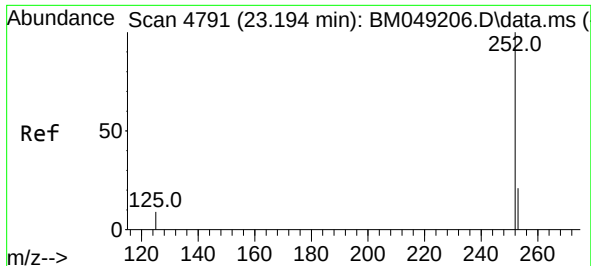
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.518 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.018 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32

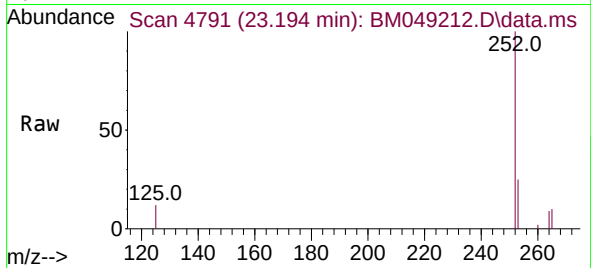
Tgt Ion:252 Resp: 52536
Ion Ratio Lower Upper
252 100
253 26.9 21.3 31.9
125 15.5 12.6 18.8





#26
Benzo(a)pyrene
Concen: 1.004 ng/ul m
RT: 23.194 min Scan# 4791
Delta R.T. -0.015 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32

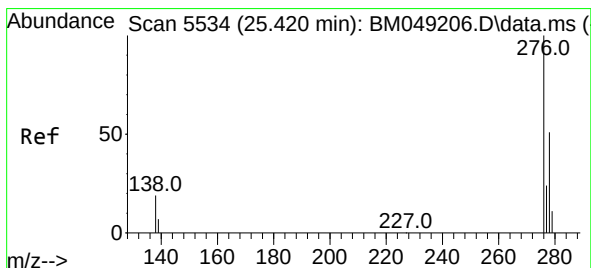
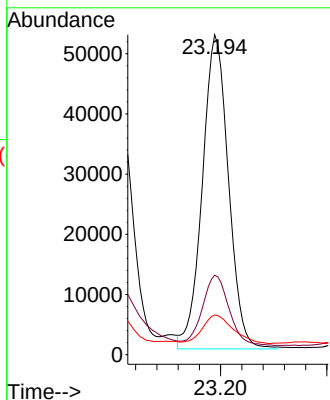
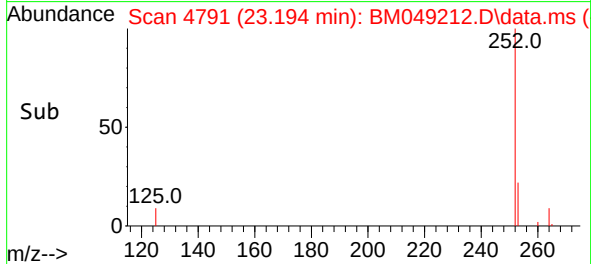
Instrument :
BNA_M
ClientSampleId :
E2908



Tgt Ion:252 Resp: 8906
Ion Ratio Lower Upper
252 100
253 24.9 22.4 33.6
125 12.4 14.8 22.2

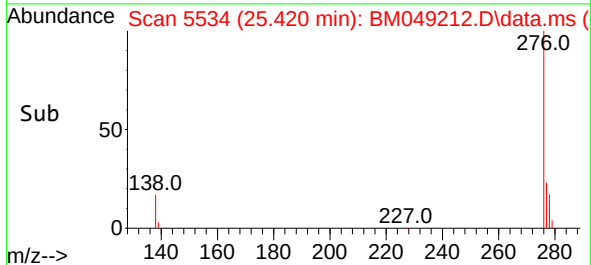
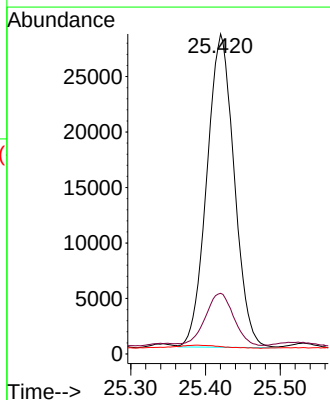
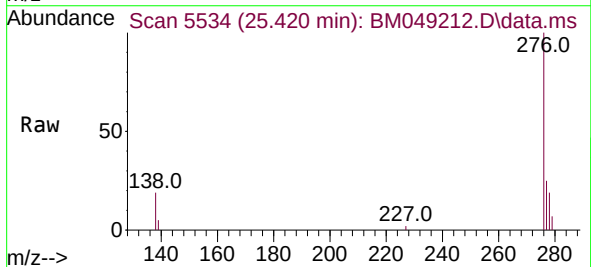
Manual Integrations
APPROVED

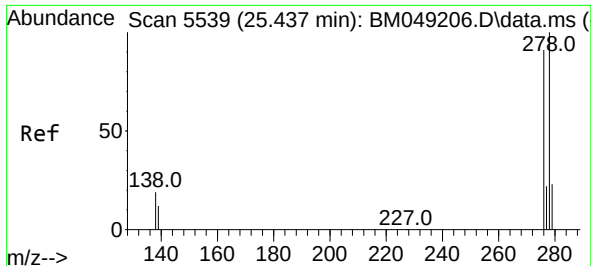
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.572 ng/ul
RT: 25.420 min Scan# 5534
Delta R.T. -0.027 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32

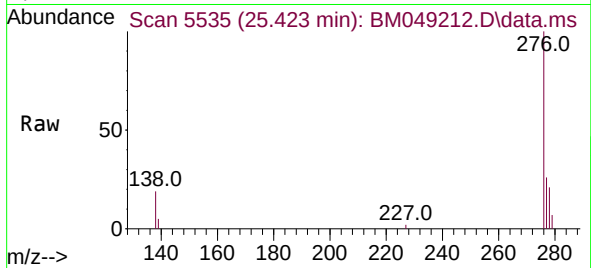
Tgt Ion:276 Resp: 71796
Ion Ratio Lower Upper
276 100
138 17.7 17.4 26.2
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.172 ng/ul
RT: 25.423 min Scan# 51
Delta R.T. -0.044 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32

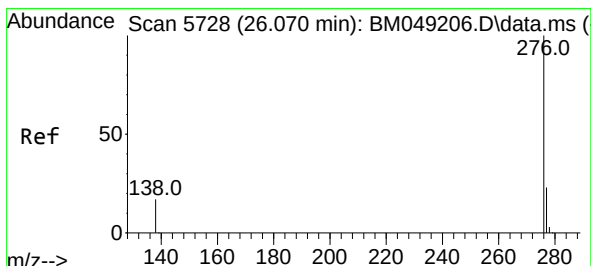
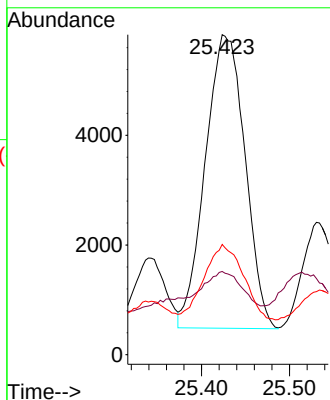
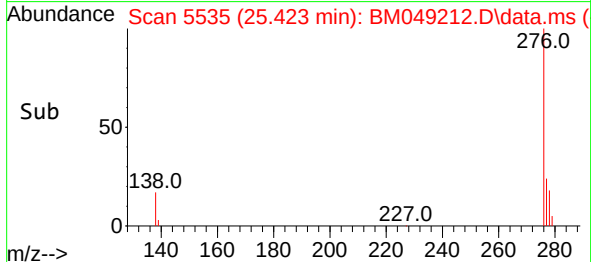
Instrument :
BNA_M
ClientSampleId :
E2908



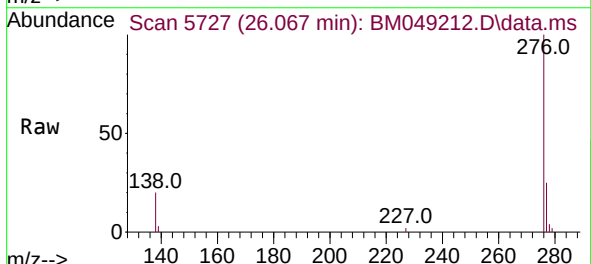
Tgt Ion:278 Resp: 1678
Ion Ratio Lower Upper
278 100
139 26.0 13.5 20.3
279 34.4 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.753 ng/ul
RT: 26.067 min Scan# 5727
Delta R.T. -0.027 min
Lab File: BM049212.D
Acq: 25 Dec 2024 08:32



Tgt Ion:276 Resp: 75995
Ion Ratio Lower Upper
276 100
138 19.8 16.7 25.1
277 24.8 19.9 29.9

