

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049209.D
 Acq On : 25 Dec 2024 06:45
 Operator : RC/JU
 Sample : P5333-11
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2913

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 07:11:25 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	7789	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.304	136	25347	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.183	164	19282	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.939	188	33615m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.149	240	25145m	0.400	ng/ul	0.00
23) Perylene-d12	23.300	264	48656m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	50314	5.601	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.904	152	12149	0.357	ng/ul	-0.02
18) Fluoranthene-d10	18.979	212	26969m	0.378	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.354	128	1391974	21.938	ng/ul	98
7) 2-Methylnaphthalene	11.976	142	596689	14.844	ng/ul	97
8) 1-Methylnaphthalene	12.201	142	440751	10.707	ng/ul	99
10) Acenaphthylene	13.901	152	55188	0.691	ng/ul#	87
11) Acenaphthene	14.248	153	2175368	37.293	ng/ul	97
12) Fluorene	15.242	166	1898690	28.851	ng/ul	95
15) Phenanthrene	16.998	178	18392706m	209.493	ng/ul	
16) Anthracene	17.074	178	5447861m	67.603	ng/ul	
19) Fluoranthene	19.016	202	19652891m	216.168	ng/ul	
20) Pyrene	19.383	202	17559997m	181.112	ng/ul	
21) Benzo(a)anthracene	21.131	228	10256401m	117.261	ng/ul	
22) Chrysene	21.187	228	10298313m	109.711	ng/ul	
24) Benzo(b)fluoranthene	22.677	252	12732132m	81.906	ng/ul	
25) Benzo(k)fluoranthene	22.712	252	4909829m	28.786	ng/ul	
26) Benzo(a)pyrene	23.221	252	8613671m	57.782	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.460	276	6090255m	28.866	ng/ul	
28) Dibenzo(a,h)anthracene	25.460	278	1769589m	10.795	ng/ul	
29) Benzo(g,h,i)perylene	26.114	276	5443371m	32.084	ng/ul	

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

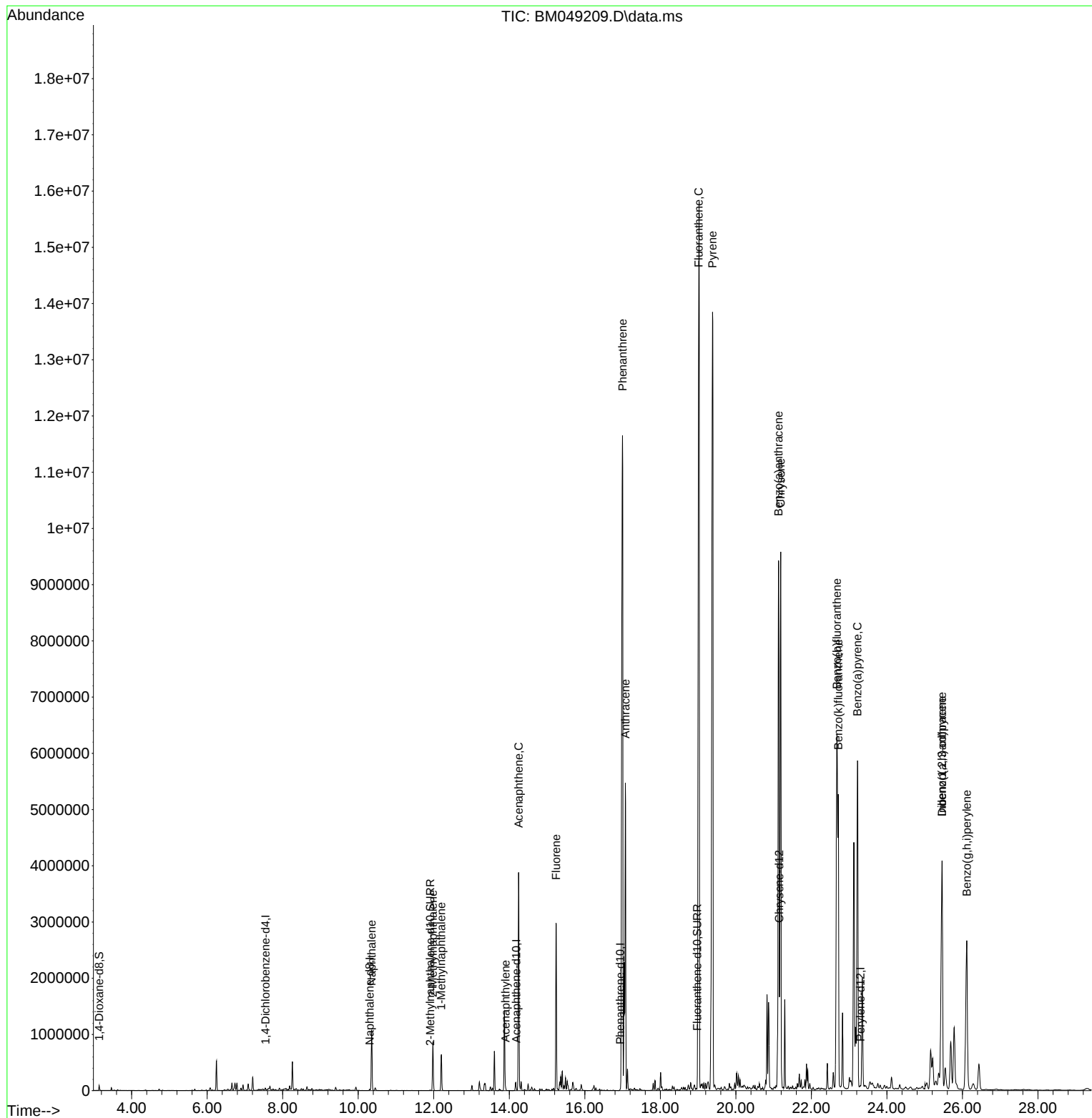
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049209.D
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ALS Vial : 75 Sample Multiplier: 1

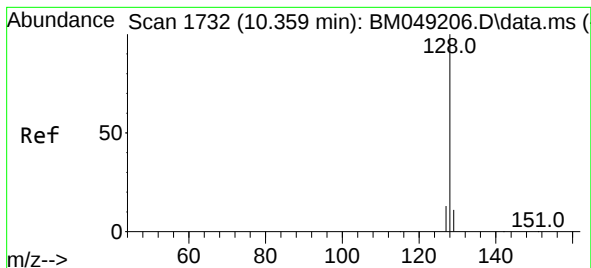
Instrument :
BNA_M
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Quant Time: Dec 25 07:11:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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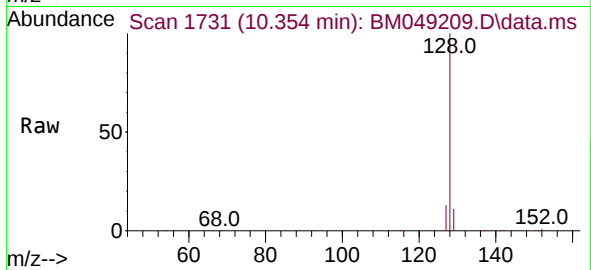
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024





#5
Naphthalene
Concen: 21.938 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. -0.026 min
Lab File: BM049209.D
Acq: 25 Dec 2024 06:45

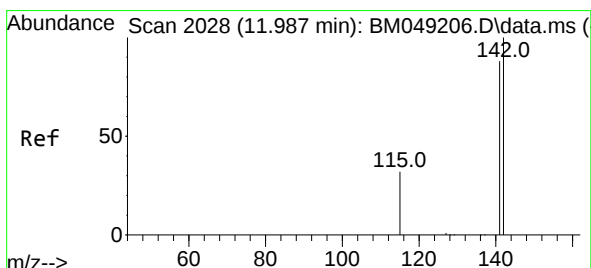
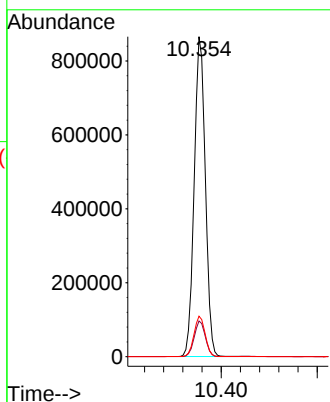
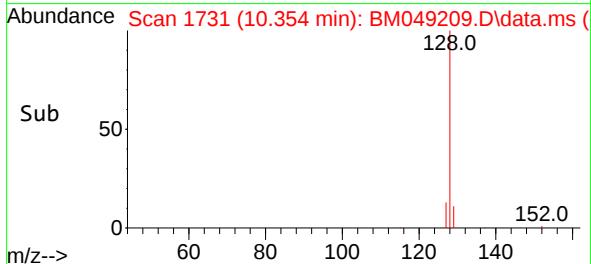
Instrument :
BNA_M
ClientSampleId :
E2913



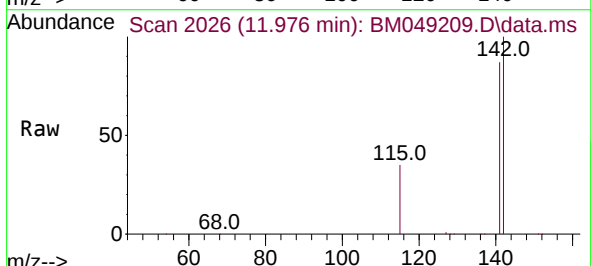
Tgt Ion:128 Resp: 1391974
Ion Ratio Lower Upper
128 100
129 11.1 9.7 14.5
127 12.6 10.6 16.0

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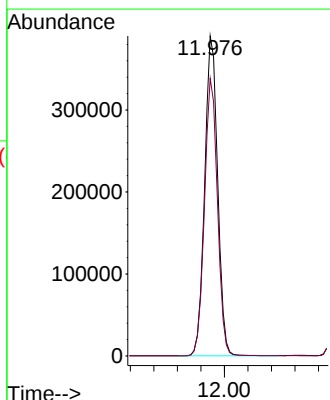
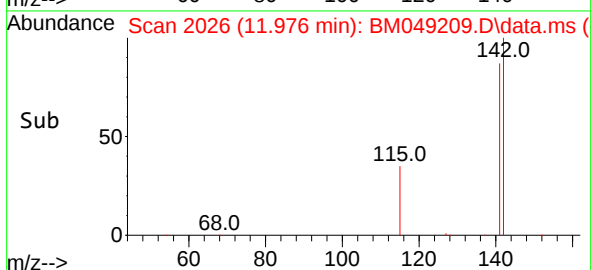
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

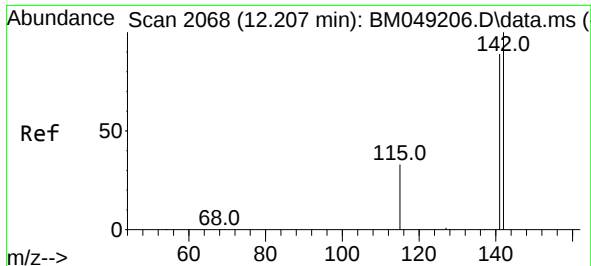


#7
2-Methylnaphthalene
Concen: 14.844 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.026 min
Lab File: BM049209.D
Acq: 25 Dec 2024 06:45



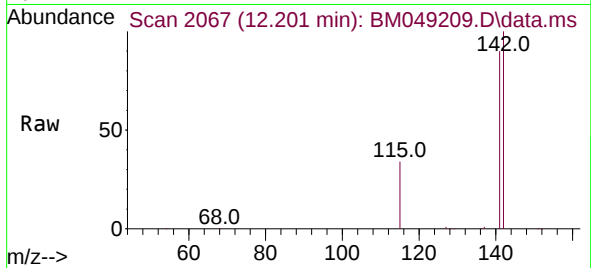
Tgt Ion:142 Resp: 596689
Ion Ratio Lower Upper
142 100
141 87.0 71.7 107.5





#8
1-Methylnaphthalene
Concen: 10.707 ng/ul
RT: 12.201 min Scan# 2067
Delta R.T. -0.021 min
Lab File: BM049209.D
Acq: 25 Dec 2024 06:45

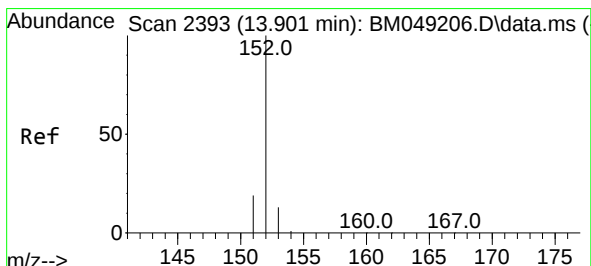
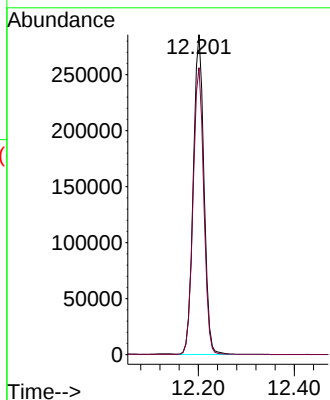
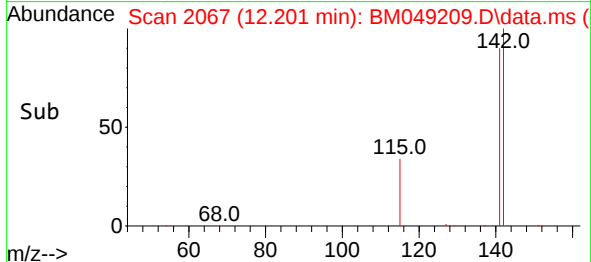
Instrument :
BNA_M
ClientSampleId :
E2913



Tgt Ion:142 Resp: 44075
Ion Ratio Lower Upper
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141 89.8 72.7 109.1

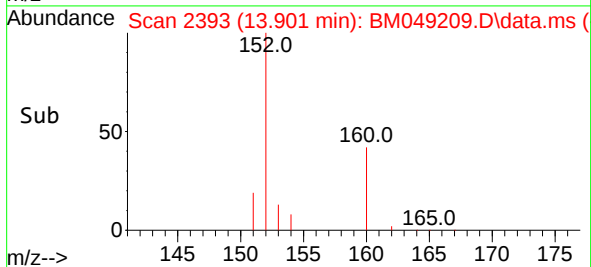
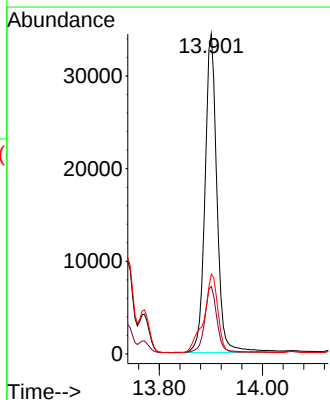
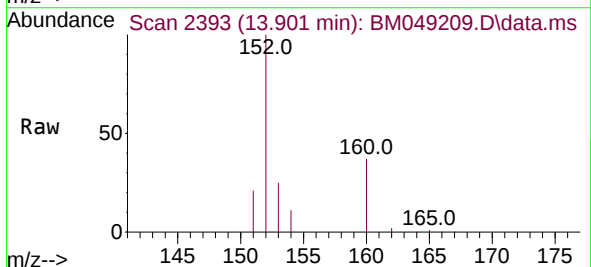
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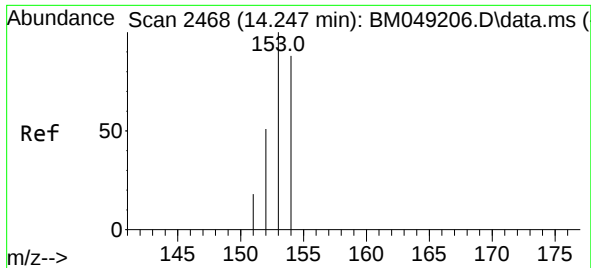
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#10
Acenaphthylene
Concen: 0.691 ng/ul
RT: 13.901 min Scan# 2393
Delta R.T. -0.017 min
Lab File: BM049209.D
Acq: 25 Dec 2024 06:45

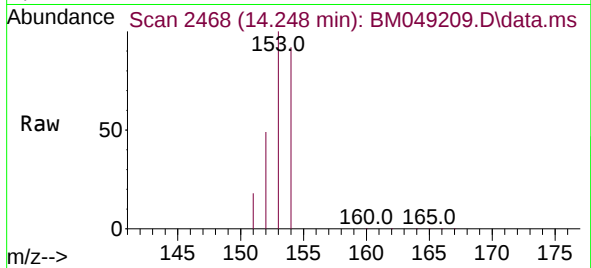
Tgt Ion:152 Resp: 55188
Ion Ratio Lower Upper
152 100
151 21.1 16.0 24.0
153 24.9 11.0 16.6#





#11
Acenaphthene
Concen: 37.293 ng/ul
RT: 14.248 min Scan# 2468
Delta R.T. -0.017 min
Lab File: BM049209.D
Acq: 25 Dec 2024 06:45

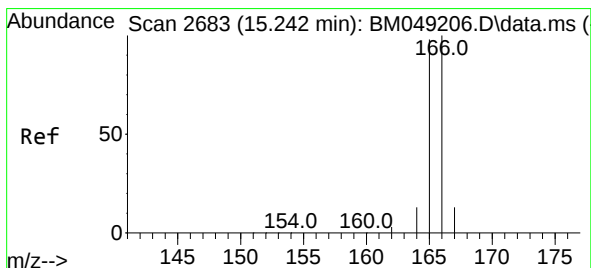
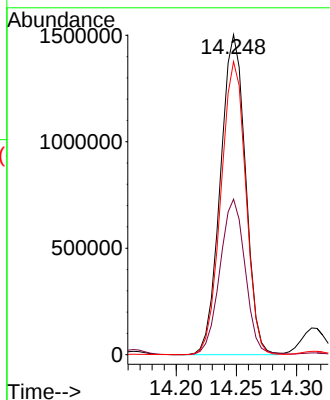
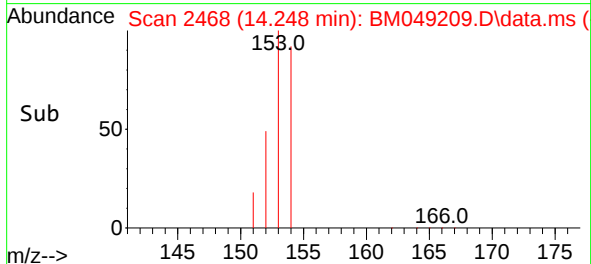
Instrument :
BNA_M
ClientSampleId :
E2913



Tgt Ion:153 Resp: 2175368
Ion Ratio Lower Upper
153 100
152 48.6 40.7 61.1
154 91.6 70.8 106.2

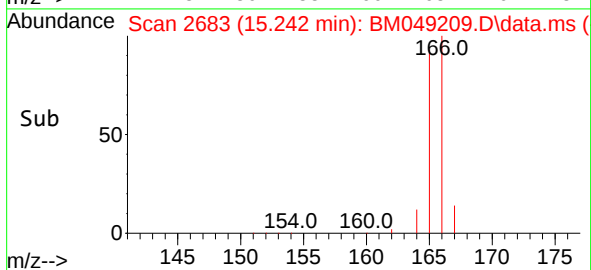
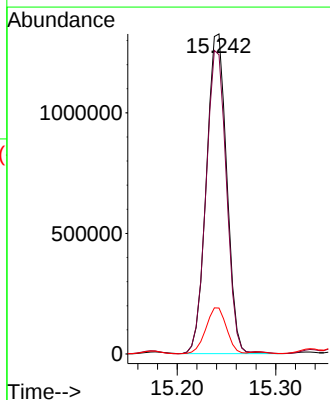
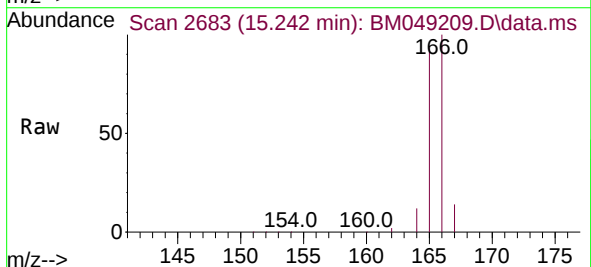
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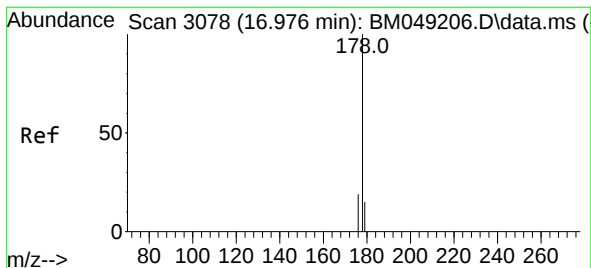
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#12
Fluorene
Concen: 28.851 ng/ul
RT: 15.242 min Scan# 2683
Delta R.T. -0.012 min
Lab File: BM049209.D
Acq: 25 Dec 2024 06:45

Tgt Ion:166 Resp: 1898690
Ion Ratio Lower Upper
166 100
165 93.5 79.7 119.5
167 14.3 11.4 17.0





#15

Phenanthrene

Concen: 209.493 ng/ul m

RT: 16.998 min Scan# 3078

Delta R.T. 0.006 min

Lab File: BM049209.D

Acq: 25 Dec 2024 06:45

Instrument :

BNA_M

ClientSampleId :

E2913

Tgt Ion:178 Resp:18392700

Ion Ratio Lower Upper

178 100

179 17.5 13.0 19.4

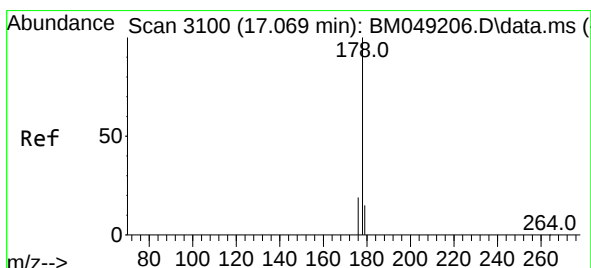
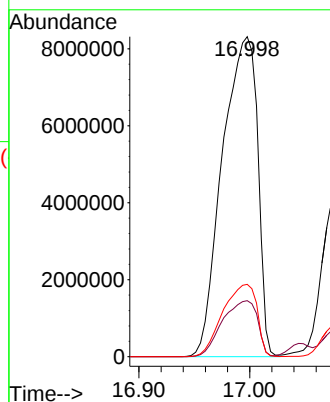
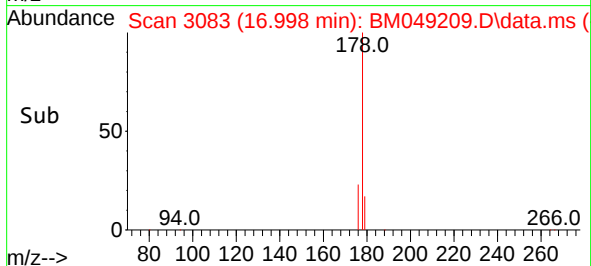
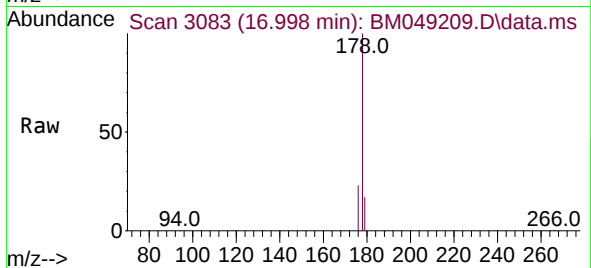
176 22.6 16.2 24.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#16

Anthracene

Concen: 67.603 ng/ul m

RT: 17.074 min Scan# 3101

Delta R.T. -0.011 min

Lab File: BM049209.D

Acq: 25 Dec 2024 06:45

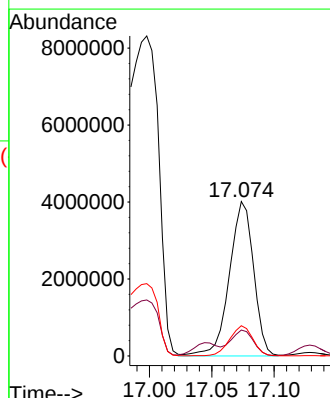
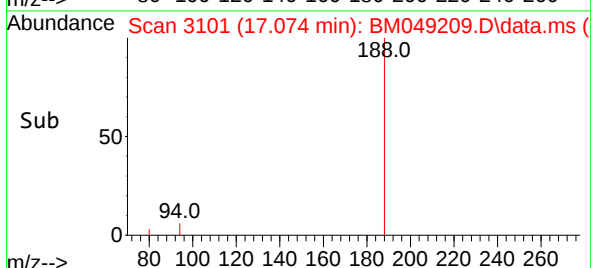
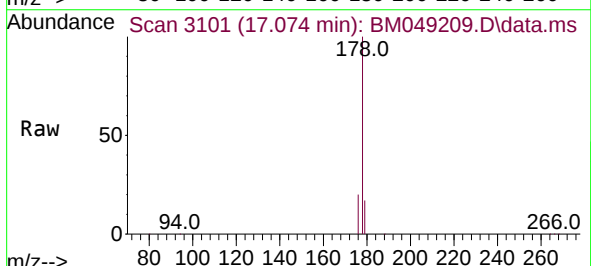
Tgt Ion:178 Resp: 5447861

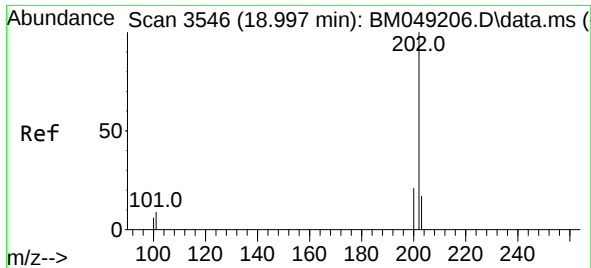
Ion Ratio Lower Upper

178 100

179 16.8 12.9 19.3

176 19.6 15.3 22.9





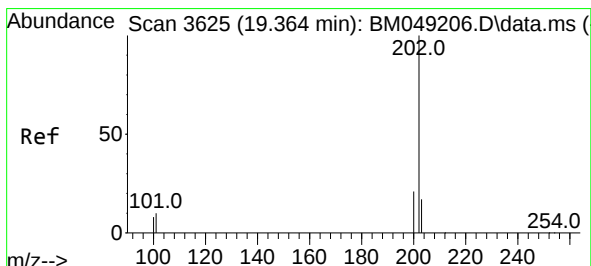
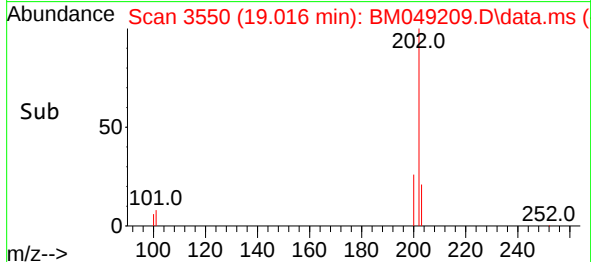
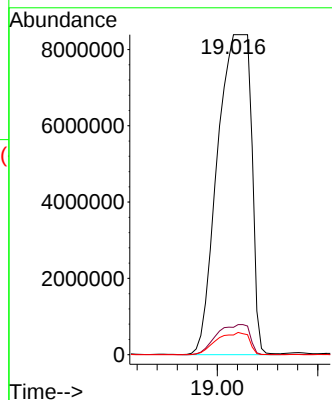
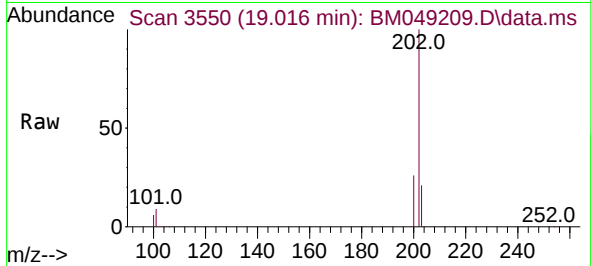
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Fluoranthene
Concen: 216.168 ng/ul m
RT: 19.016 min Scan# 3550
Delta R.T. 0.001 min
Lab File: BM049209.D
Acq: 25 Dec 2024 06:45

Instrument :
BNA_M
ClientSampleId :
E2913

Tgt Ion:202 Resp:1965289
Ion Ratio Lower Upper
202 100
101 8.5 7.6 11.4
100 6.2 5.5 8.3

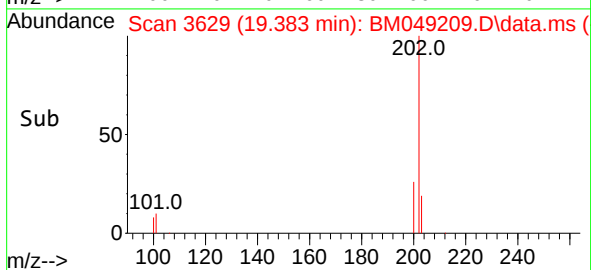
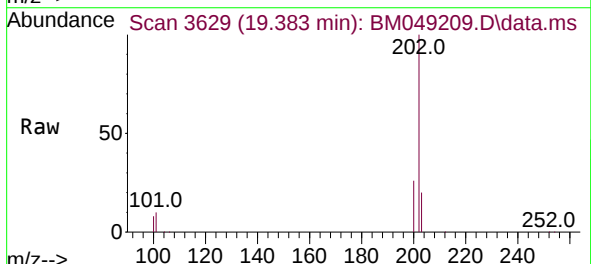
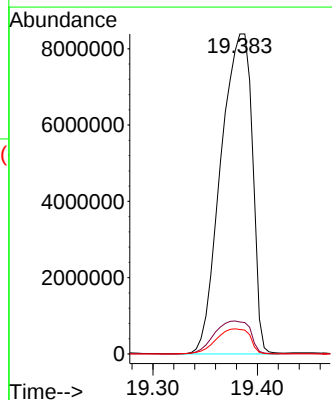
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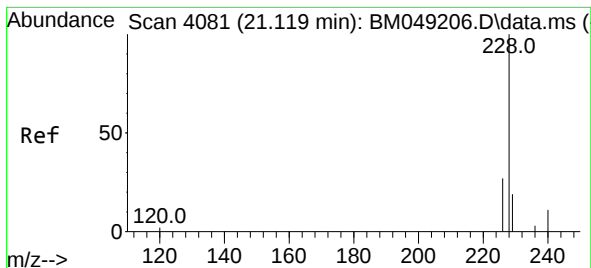
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#20
Pyrene
Concen: 181.112 ng/ul m
RT: 19.383 min Scan# 3629
Delta R.T. 0.006 min
Lab File: BM049209.D
Acq: 25 Dec 2024 06:45

Tgt Ion:202 Resp:17559997
Ion Ratio Lower Upper
202 100
101 10.0 8.9 13.3
100 7.7 6.9 10.3





#21

Benzo(a)anthracene

Concen: 117.261 ng/ul m

RT: 21.131 min Scan# 4081

Delta R.T. -0.000 min

Lab File: BM049209.D

Acq: 25 Dec 2024 06:45

Instrument :

BNM

ClientSampleId :

E2913

Tgt Ion:228 Resp:1025640

Ion Ratio Lower Upper

228 100

229 22.8 15.9 23.9

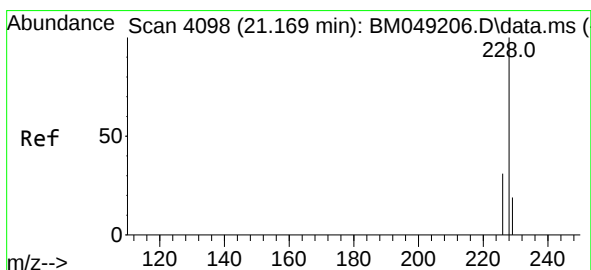
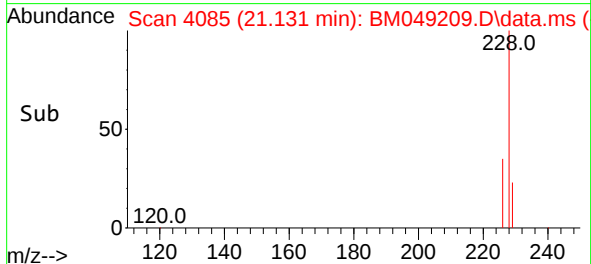
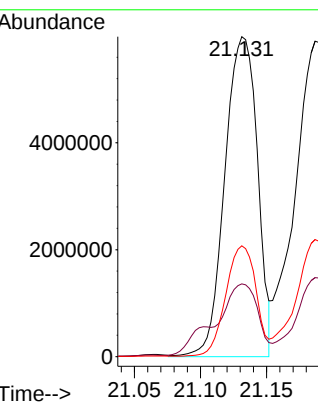
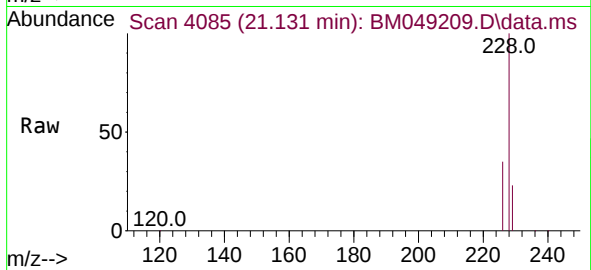
226 34.6 22.6 34.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#22

Chrysene

Concen: 109.711 ng/ul m

RT: 21.187 min Scan# 4104

Delta R.T. 0.003 min

Lab File: BM049209.D

Acq: 25 Dec 2024 06:45

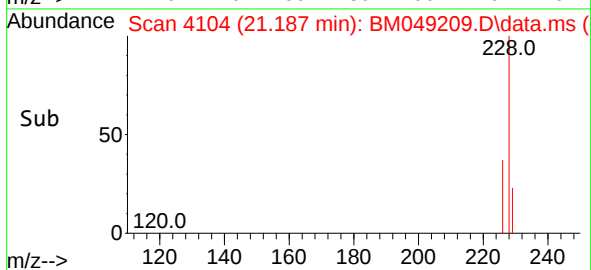
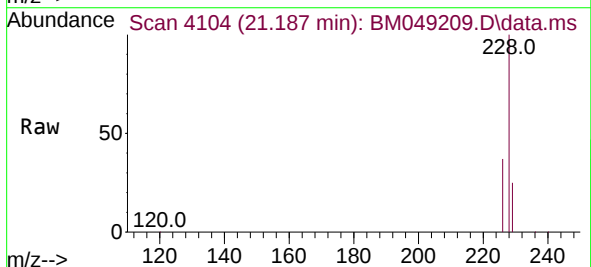
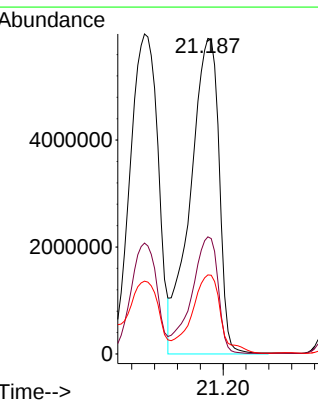
Tgt Ion:228 Resp:10298313

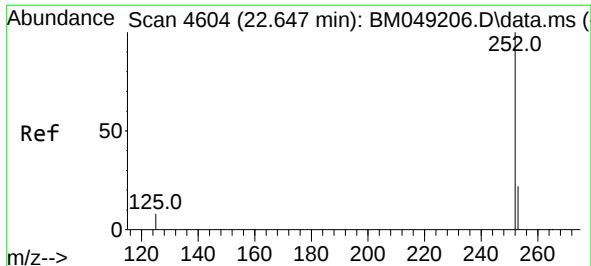
Ion Ratio Lower Upper

228 100

226 37.1 24.1 36.1#

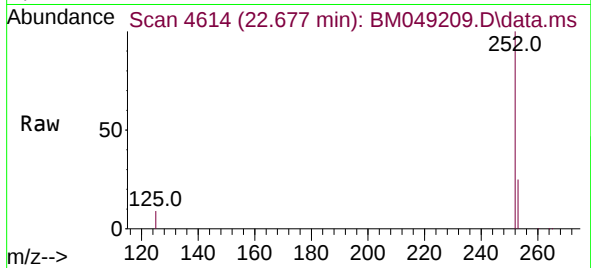
229 25.1 15.8 23.8#





#24
Benzo(b)fluoranthene
Concen: 81.906 ng/ul m
RT: 22.677 min Scan# 4614
Delta R.T. 0.014 min
Lab File: BM049209.D
Acq: 25 Dec 2024 06:45

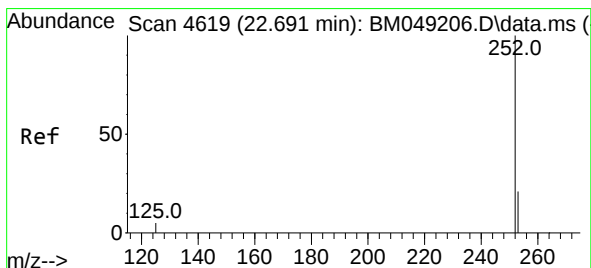
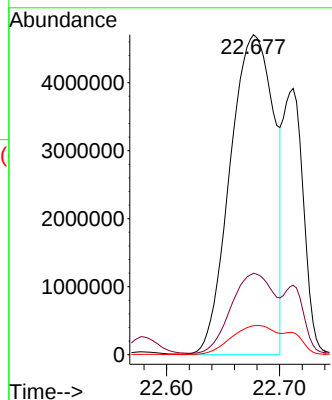
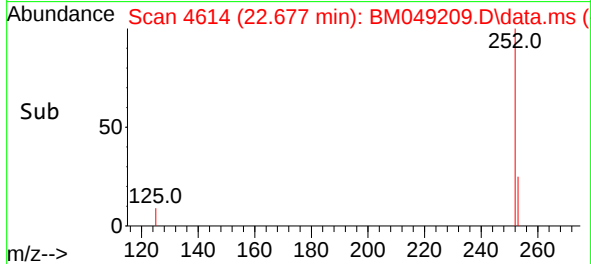
Instrument :
BNA_M
ClientSampleId :
E2913



Tgt Ion:252 Resp:1273213
Ion Ratio Lower Upper
252 100
253 25.5 0.0 52.6
125 9.1 0.0 30.8

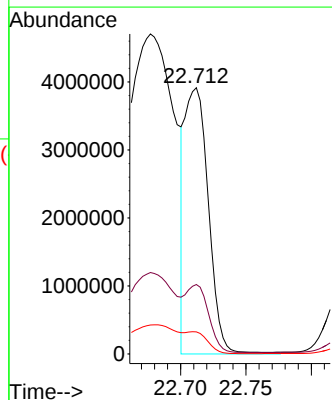
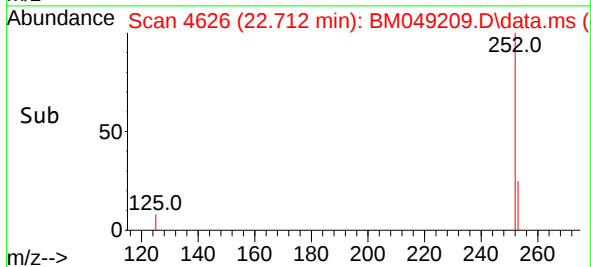
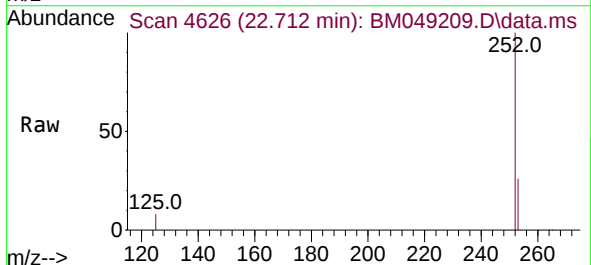
Manual Integrations
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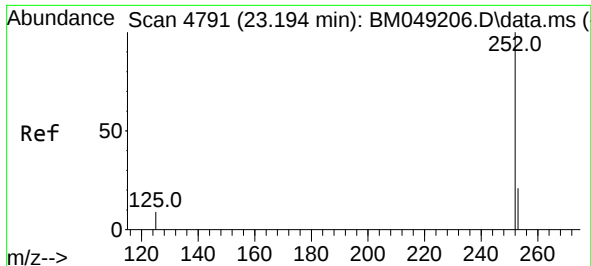
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#25
Benzo(k)fluoranthene
Concen: 28.786 ng/ul m
RT: 22.712 min Scan# 4626
Delta R.T. 0.006 min
Lab File: BM049209.D
Acq: 25 Dec 2024 06:45

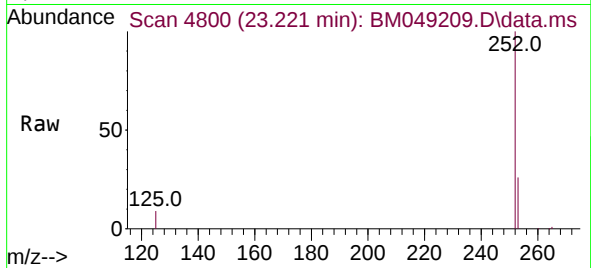
Tgt Ion:252 Resp: 4909829
Ion Ratio Lower Upper
252 100
253 26.1 21.3 31.9
125 8.3 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 57.782 ng/ul m
RT: 23.221 min Scan# 4791
Delta R.T. 0.011 min
Lab File: BM049209.D
Acq: 25 Dec 2024 06:45

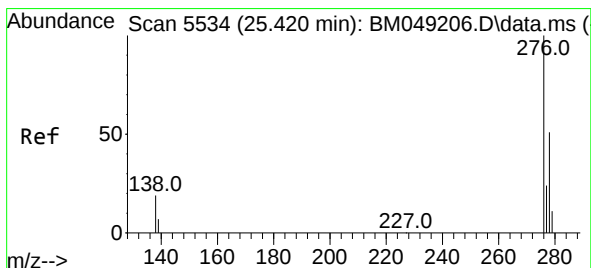
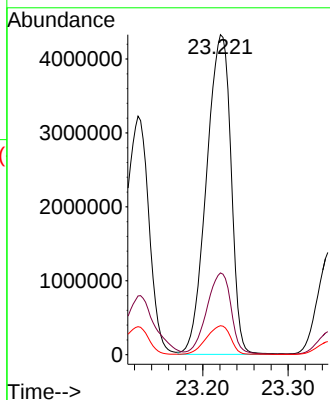
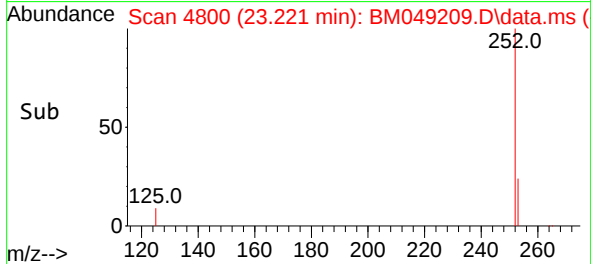
Instrument :
BNA_M
ClientSampleId :
E2913



Tgt Ion:252 Resp: 861367
Ion Ratio Lower Upper
252 100
253 25.6 22.4 33.6
125 9.0 14.8 22.2

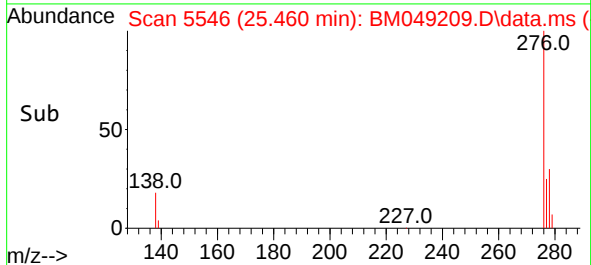
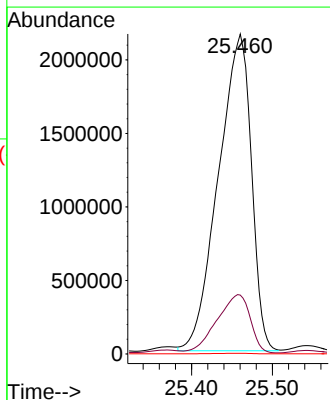
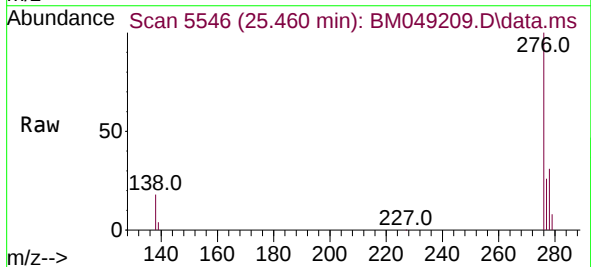
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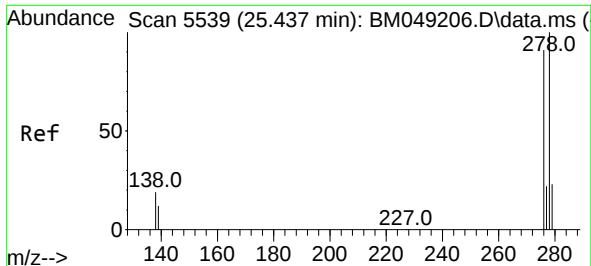
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 28.866 ng/ul m
RT: 25.460 min Scan# 5546
Delta R.T. 0.013 min
Lab File: BM049209.D
Acq: 25 Dec 2024 06:45

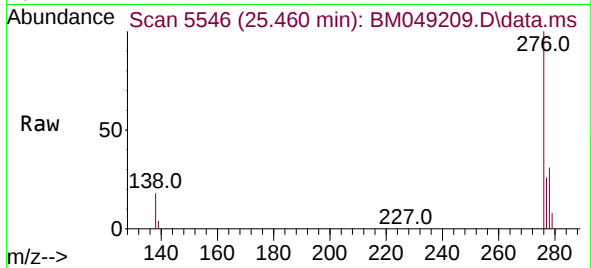
Tgt Ion:276 Resp: 6090255
Ion Ratio Lower Upper
276 100
138 17.7 17.4 26.2
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 10.795 ng/ul m
RT: 25.460 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM049209.D
Acq: 25 Dec 2024 06:45

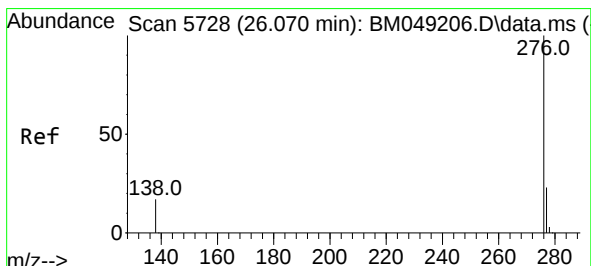
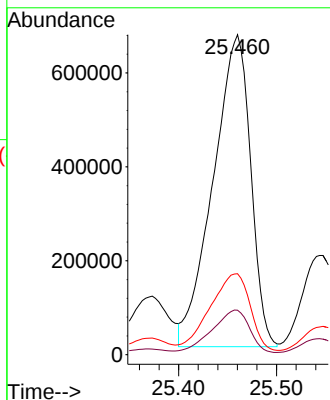
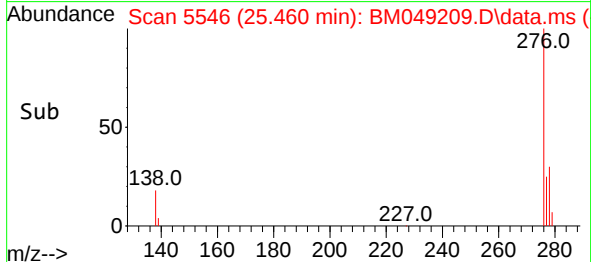
Instrument :
BNA_M
ClientSampleId :
E2913



Tgt Ion:278 Resp: 1769589
Ion Ratio Lower Upper
278 100
139 13.9 13.5 20.3
279 25.3 21.5 32.3

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



#29
Benzo(g,h,i)perylene
Concen: 32.084 ng/ul m
RT: 26.114 min Scan# 5741
Delta R.T. 0.020 min
Lab File: BM049209.D
Acq: 25 Dec 2024 06:45

Tgt Ion:276 Resp: 5443371
Ion Ratio Lower Upper
276 100
138 19.0 16.7 25.1
277 25.5 19.9 29.9

