

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049231.D
 Acq On : 26 Dec 2024 18:09
 Operator : RC/JU
 Sample : P5333-05DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2908DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 26 21:59:05 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	7.544	152	5116	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	15774	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	9464	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	20963	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	18158	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	19807	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	5676	0.962	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	1150	0.054	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	2084	0.040	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.354	128	1200	0.030	ng/ul#	79
7) 2-Methylnaphthalene	11.987	142	671	0.027	ng/ul	98
8) 1-Methylnaphthalene	12.207	142	516	0.020	ng/ul	99
10) Acenaphthylene	13.901	152	839	0.021	ng/ul#	61
11) Acenaphthene	14.243	153	662	0.023	ng/ul#	93
15) Phenanthrene	16.972	178	12896	0.236	ng/ul	99
16) Anthracene	17.061	178	2736	0.054	ng/ul#	91
19) Fluoranthene	18.998	202	31461	0.479	ng/ul	99
20) Pyrene	19.360	202	28580	0.408	ng/ul	99
21) Benzo(a)anthracene	21.120	228	13496	0.214	ng/ul	98
22) Chrysene	21.169	228	15521	0.229	ng/ul	97
24) Benzo(b)fluoranthene	22.651	252	19325m	0.305	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	8181m	0.118	ng/ul	
26) Benzo(a)pyrene	23.194	252	12605	0.208	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.420	276	10070	0.117	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.427	278	2304	0.035	ng/ul#	54
29) Benzo(g,h,i)perylene	26.067	276	11092	0.161	ng/ul	97

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

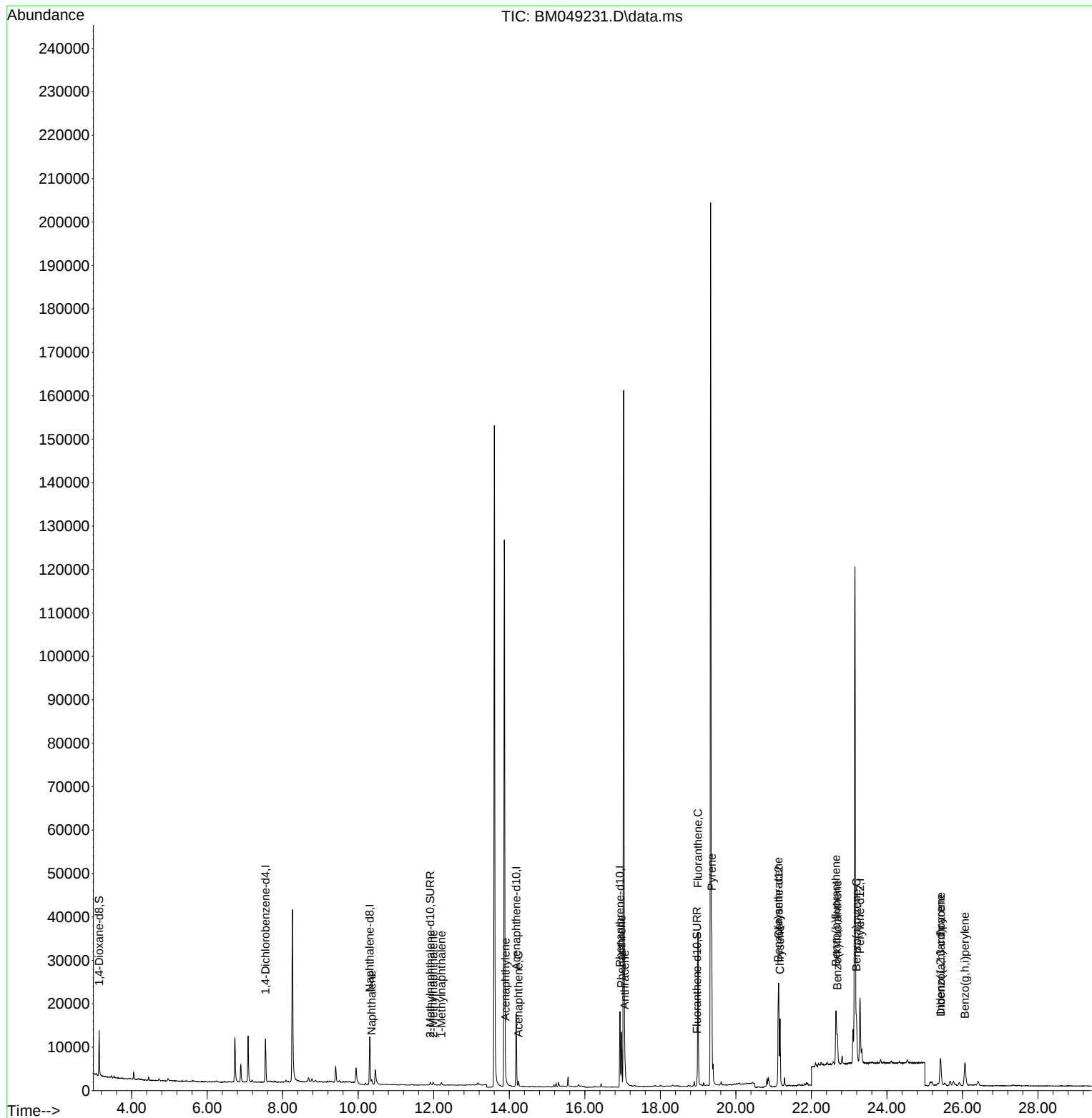
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049231.D
Acq On : 26 Dec 2024 18:09
Operator : RC/JU
Sample : P5333-05DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

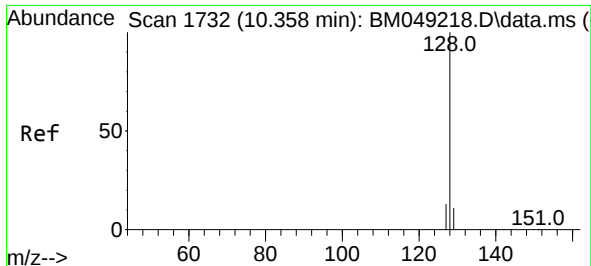
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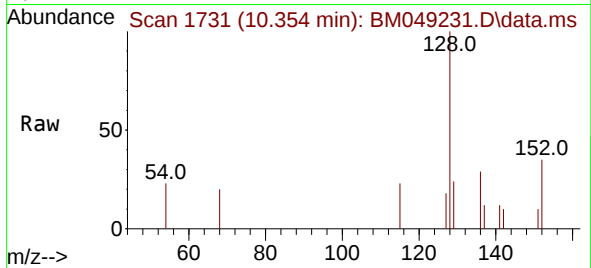
Quant Time: Dec 26 21:59:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. -0.004 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09

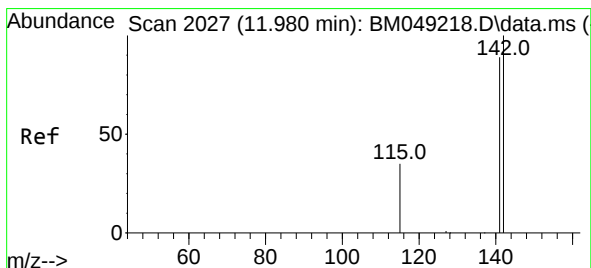
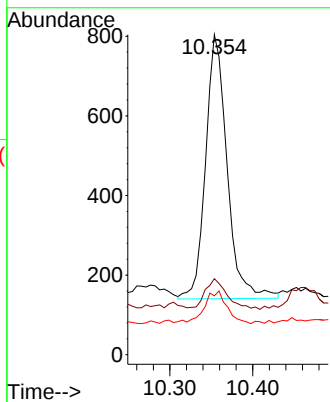
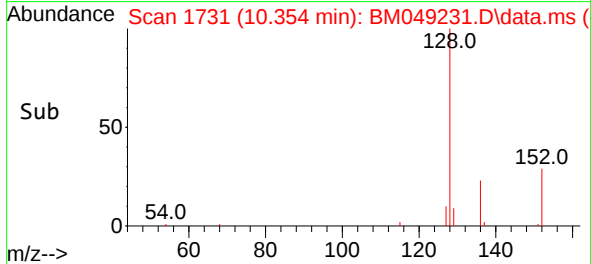
Instrument :
BNA_M
ClientSampleId :
E2908DL



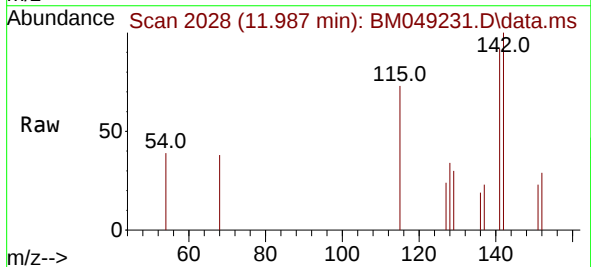
Tgt Ion:128 Resp: 1200
Ion Ratio Lower Upper
128 100
129 23.8 9.7 14.5
127 18.4 10.6 16.0

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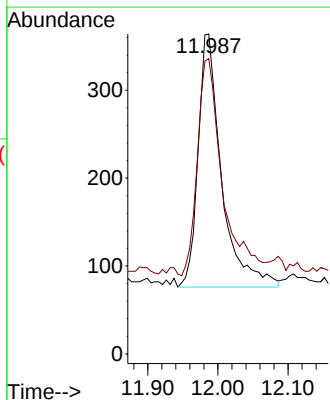
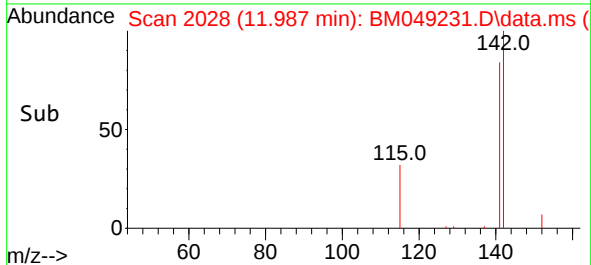
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

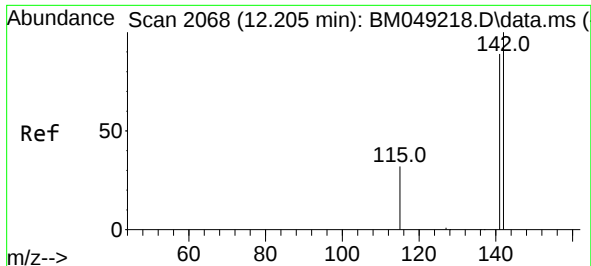


#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 11.987 min Scan# 2028
Delta R.T. 0.007 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09



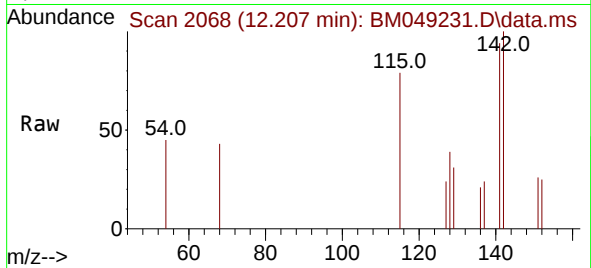
Tgt Ion:142 Resp: 671
Ion Ratio Lower Upper
142 100
141 91.7 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. 0.001 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09

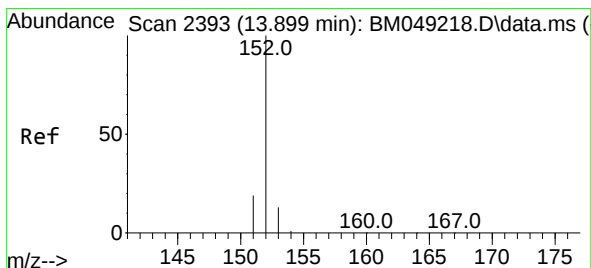
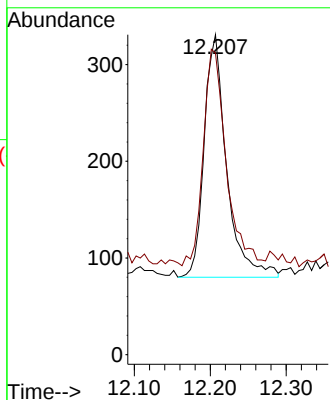
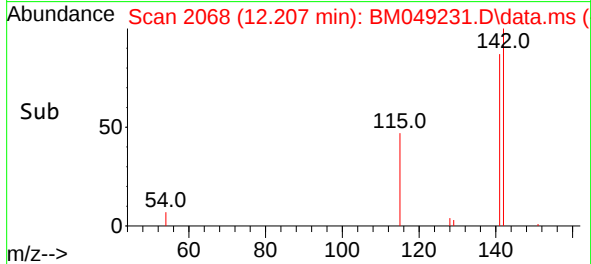
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Tgt Ion:142 Resp: 510
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1

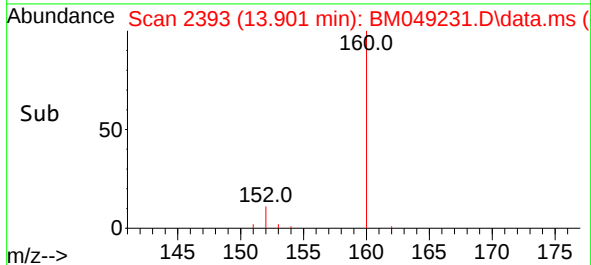
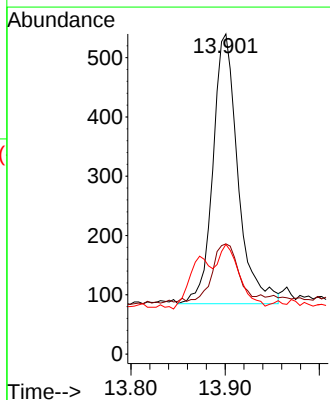
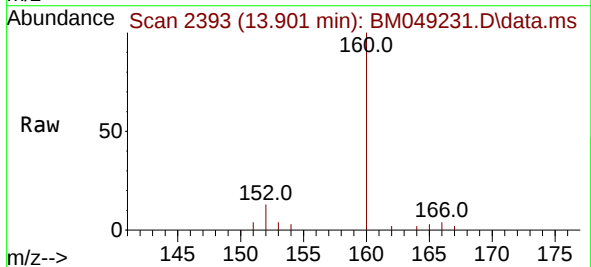
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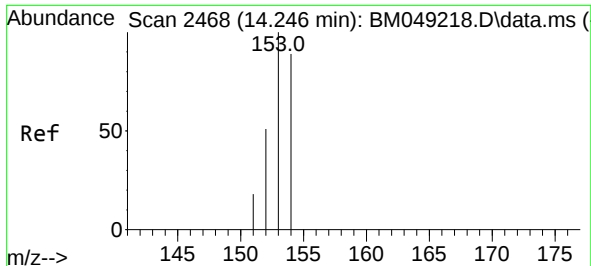
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 13.901 min Scan# 2393
Delta R.T. 0.001 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09

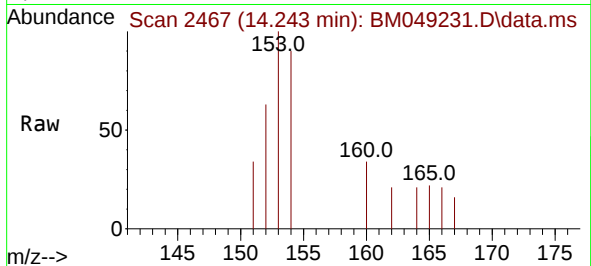
Tgt Ion:152 Resp: 839
Ion Ratio Lower Upper
152 100
151 34.4 16.0 24.0#
153 34.3 11.0 16.6#





#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09

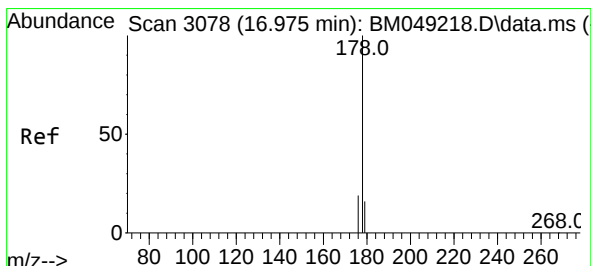
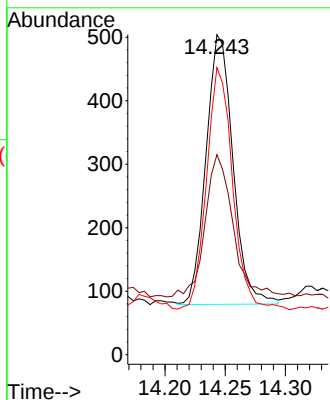
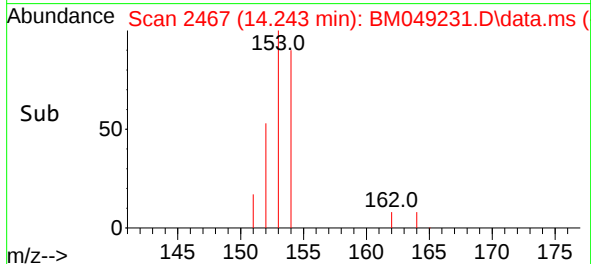
Instrument :
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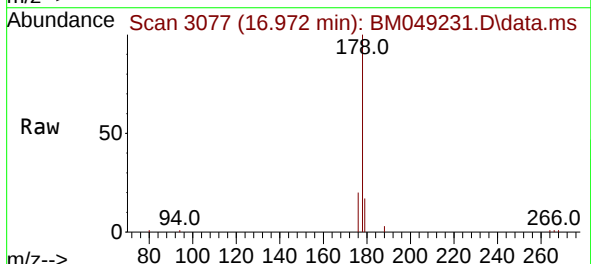
Tgt Ion:153 Resp: 662
Ion Ratio Lower Upper
153 100
152 62.5 40.7 61.1
154 89.7 70.8 106.2

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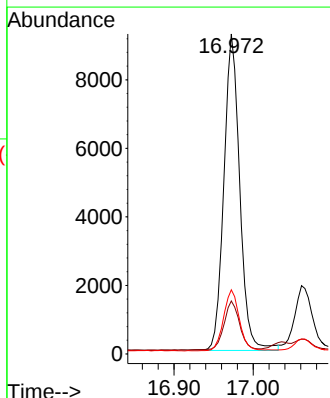
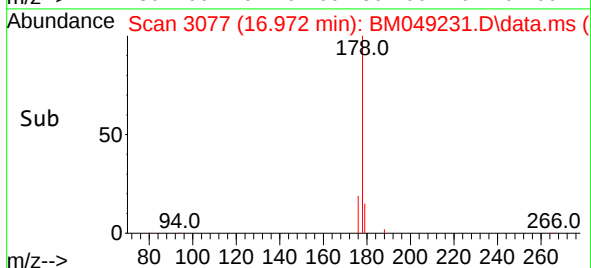
Reviewed By :Jagrut Upadhyay 12/27/2024
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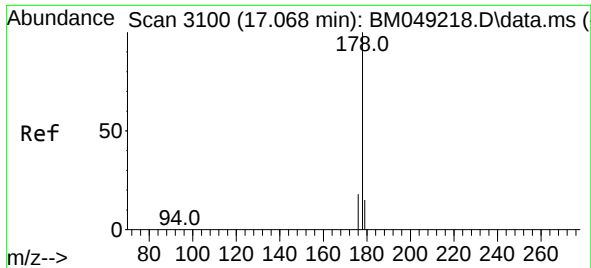


#15
Phenanthrene
Concen: 0.236 ng/ul
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09



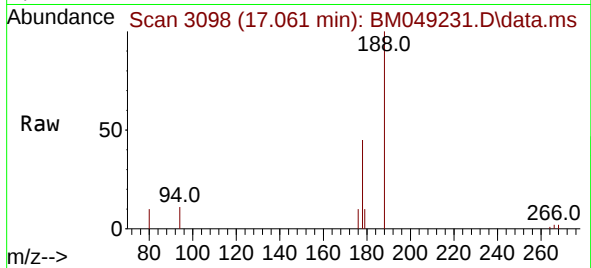
Tgt Ion:178 Resp: 12896
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 20.1 16.2 24.2





#16
Anthracene
Concen: 0.054 ng/ul
RT: 17.061 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09

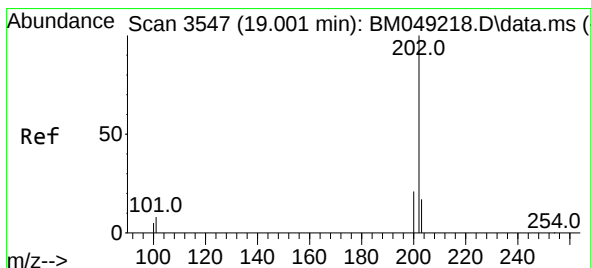
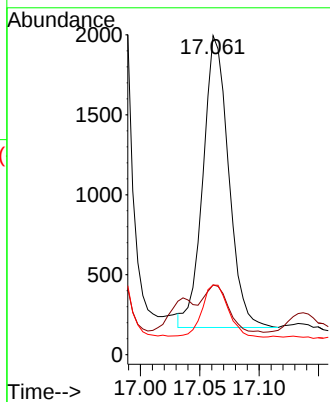
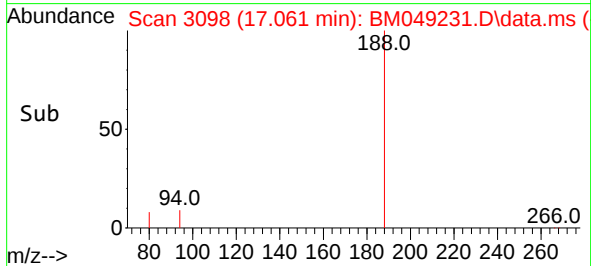
Instrument :
BNA_M
ClientSampleId :
E2908DL



Tgt Ion:178 Resp: 2730
Ion Ratio Lower Upper
178 100
179 21.9 12.9 19.3
176 21.8 15.3 22.9

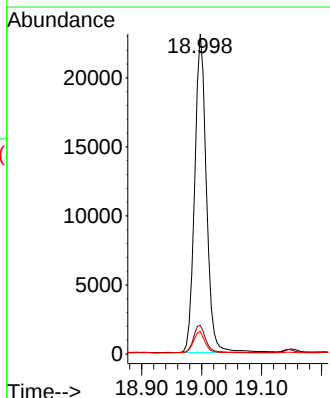
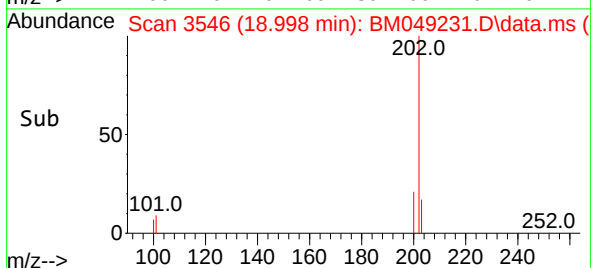
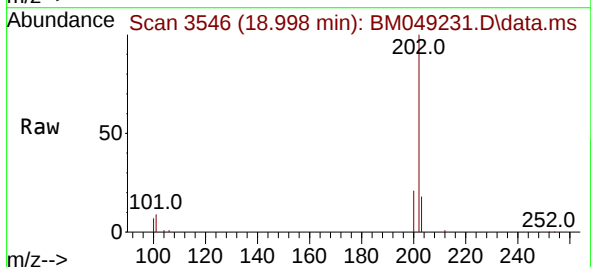
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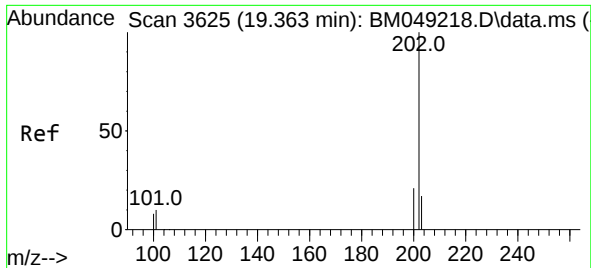
Reviewed By :Jagrut Upadhyay 12/27/2024
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#19
Fluoranthene
Concen: 0.479 ng/ul
RT: 18.998 min Scan# 3546
Delta R.T. -0.003 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09

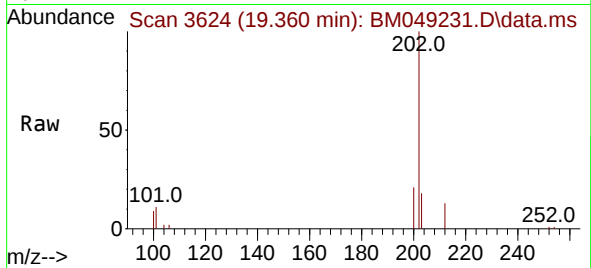
Tgt Ion:202 Resp: 31461
Ion Ratio Lower Upper
202 100
101 8.9 7.6 11.4
100 7.1 5.5 8.3





#20
Pyrene
Concen: 0.408 ng/u1
RT: 19.360 min Scan# 30
Delta R.T. -0.003 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09

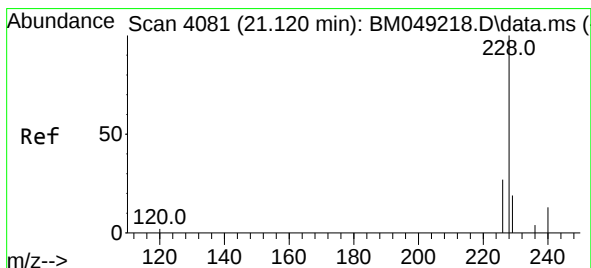
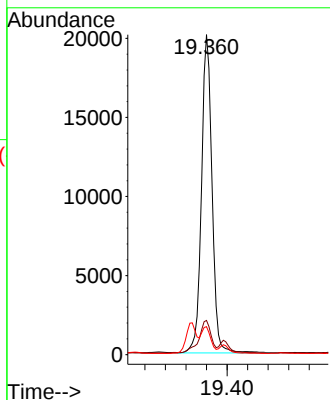
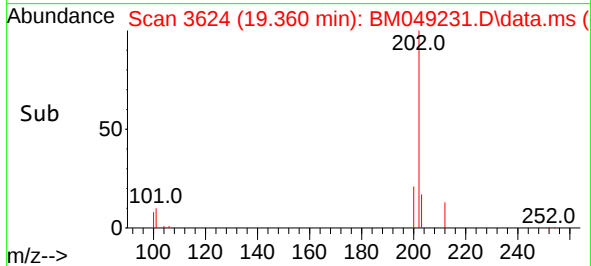
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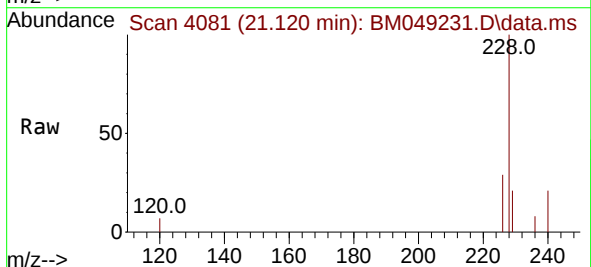
Tgt Ion:202 Resp: 28580
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 8.7 6.9 10.3

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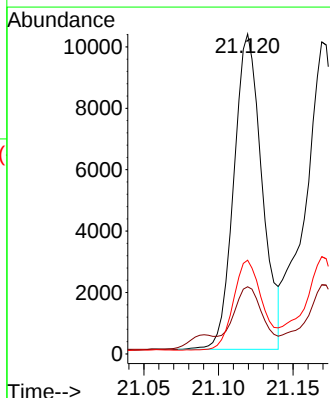
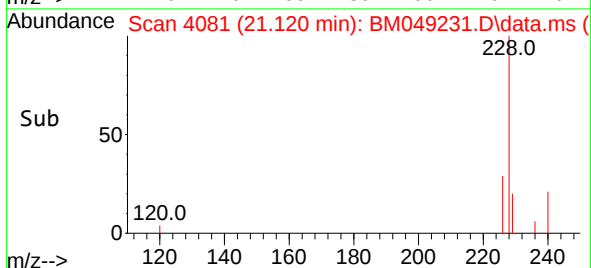
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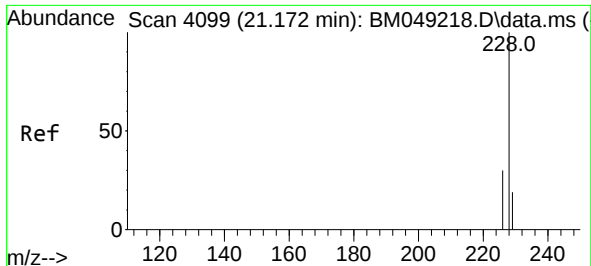


#21
Benzo(a)anthracene
Concen: 0.214 ng/u1
RT: 21.120 min Scan# 4081
Delta R.T. -0.000 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09



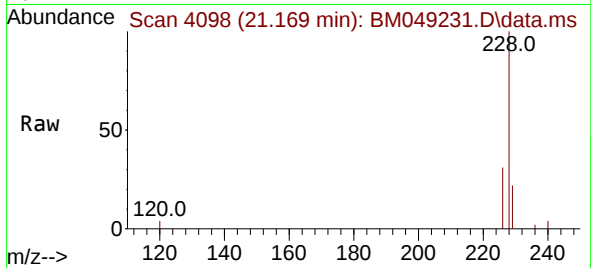
Tgt Ion:228 Resp: 13496
Ion Ratio Lower Upper
228 100
229 21.0 15.9 23.9
226 29.3 22.6 34.0





#22
Chrysene
Concen: 0.229 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09

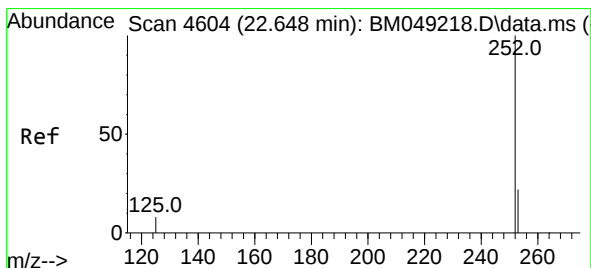
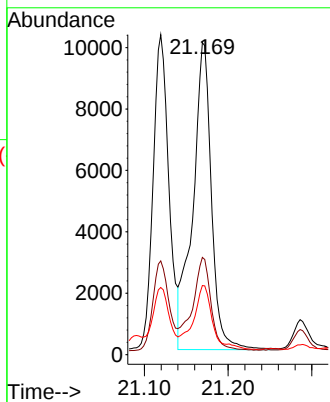
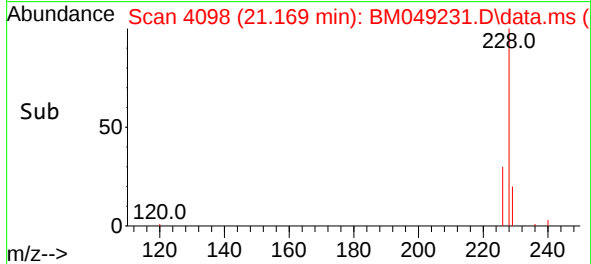
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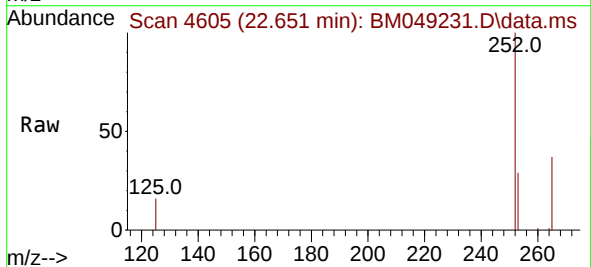
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Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 22.2 15.8 23.8

Manual Integrations
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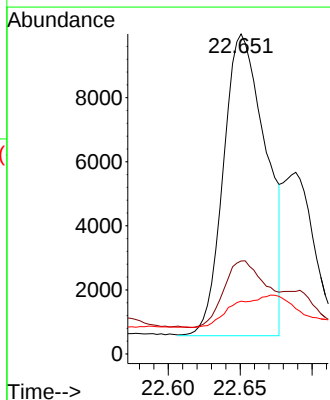
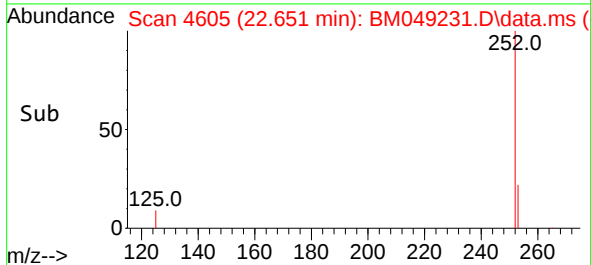
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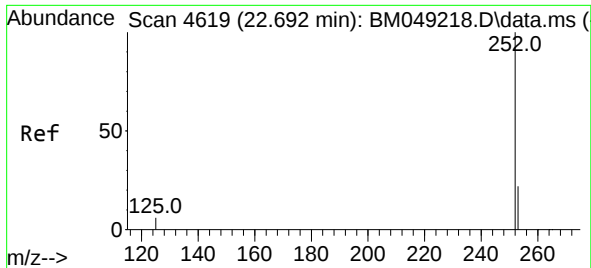


#24
Benzo(b)fluoranthene
Concen: 0.305 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. 0.003 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09



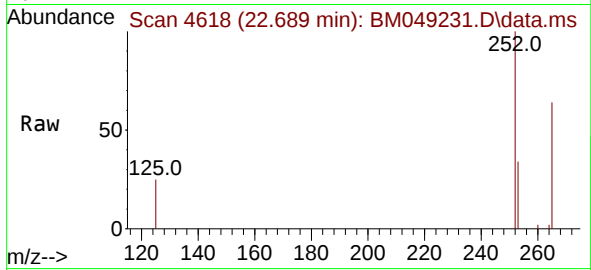
Tgt Ion:252 Resp: 19325
Ion Ratio Lower Upper
252 100
253 29.1 0.0 52.6
125 16.5 0.0 30.8





#25
Benzo(k)fluoranthene
Concen: 0.118 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09

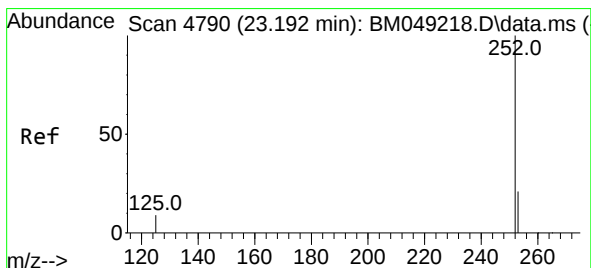
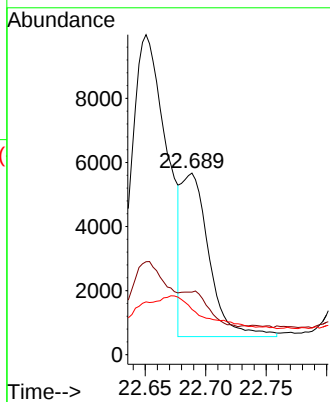
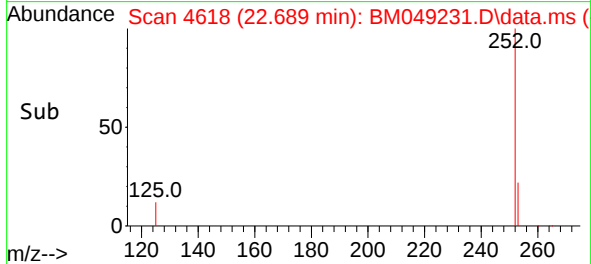
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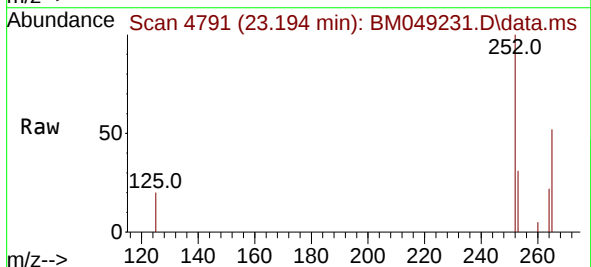
Tgt Ion:252 Resp: 818
Ion Ratio Lower Upper
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253 34.4 21.3 31.9
125 24.9 12.6 18.8

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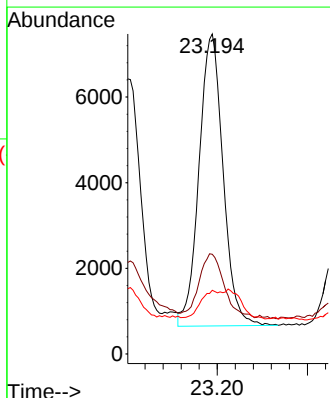
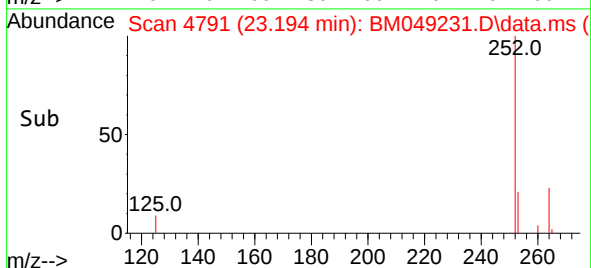
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

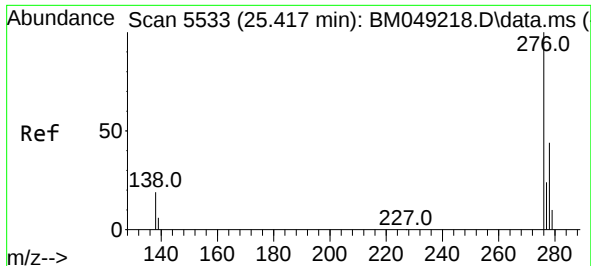


#26
Benzo(a)pyrene
Concen: 0.208 ng/ul
RT: 23.194 min Scan# 4791
Delta R.T. 0.003 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09



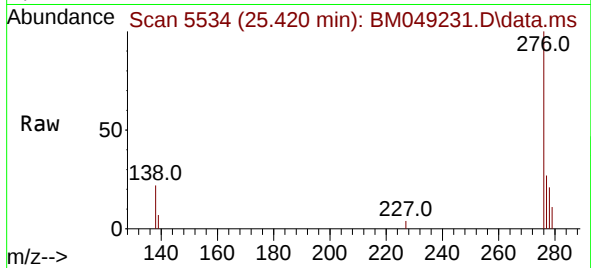
Tgt Ion:252 Resp: 12605
Ion Ratio Lower Upper
252 100
253 31.1 22.4 33.6
125 19.9 14.8 22.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.117 ng/ul
RT: 25.420 min Scan# 5534
Delta R.T. 0.003 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09

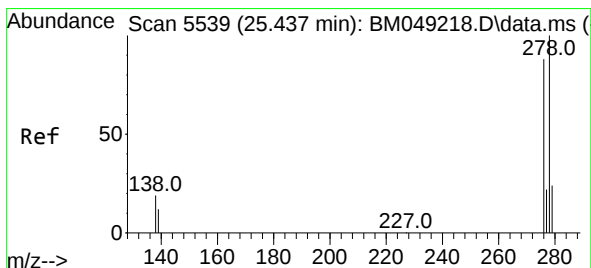
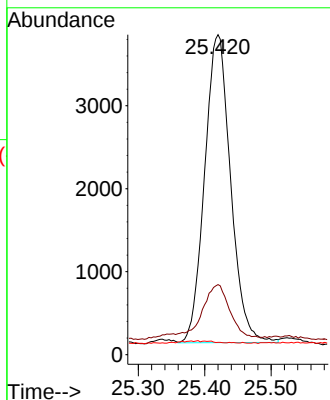
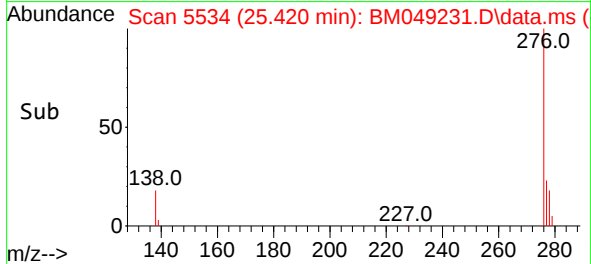
Instrument :
BNA_M
ClientSampleId :
E2908DL



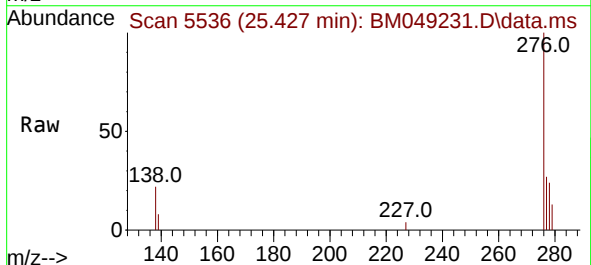
Tgt Ion:276 Resp: 10070
Ion Ratio Lower Upper
276 100
138 18.1 17.4 26.2
227 0.1 0.2 0.2

Manual Integrations
APPROVED

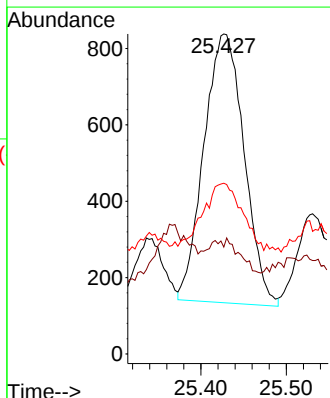
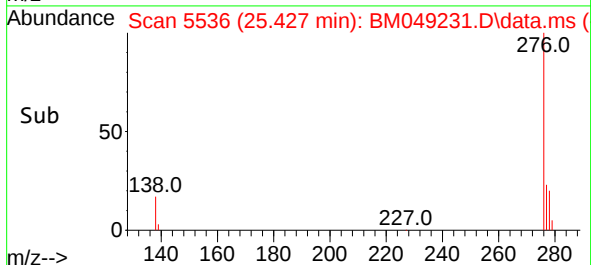
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

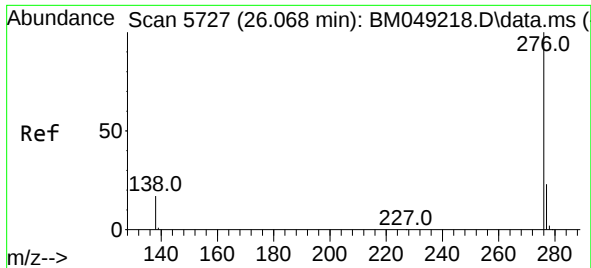


#28
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.427 min Scan# 5536
Delta R.T. -0.010 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09



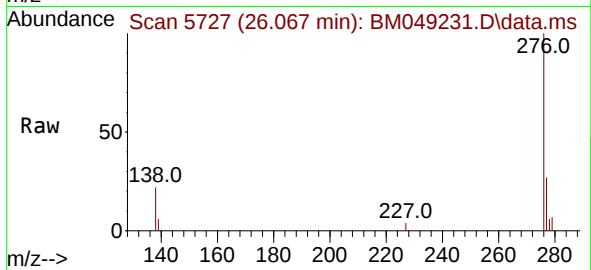
Tgt Ion:278 Resp: 2304
Ion Ratio Lower Upper
278 100
139 33.4 13.5 20.3#
279 53.3 21.5 32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.161 ng/ul
RT: 26.067 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM049231.D
Acq: 26 Dec 2024 18:09

Instrument :
BNA_M
ClientSampleId :
E2908DL



Tgt Ion:276 Resp: 11092
Ion Ratio Lower Upper
276 100
138 22.4 16.7 25.1
277 26.7 19.9 29.9

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 12/30/2024

