

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049239.D
 Acq On : 26 Dec 2024 23:31
 Operator : RC/JU
 Sample : P5333-09DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2912DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 27 00:46:54 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	5347	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	15859	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	10344	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	22606	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	18637	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	20296	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3760	0.610	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	729	0.034	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	1299	0.025	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.354	128	2087	0.053	ng/ul#	84
7) 2-Methylnaphthalene	11.981	142	1436	0.057	ng/ul	92
8) 1-Methylnaphthalene	12.201	142	1242	0.048	ng/ul	94
11) Acenaphthene	14.243	153	1828	0.058	ng/ul	95
12) Fluorene	15.238	166	2927	0.083	ng/ul#	97
15) Phenanthrene	16.972	178	62921	1.066	ng/ul	98
16) Anthracene	17.061	178	4440	0.082	ng/ul#	93
19) Fluoranthene	18.997	202	72825	1.081	ng/ul	98
20) Pyrene	19.360	202	57688	0.803	ng/ul	99
21) Benzo(a)anthracene	21.119	228	20876	0.322	ng/ul	97
22) Chrysene	21.169	228	27521	0.396	ng/ul	96
24) Benzo(b)fluoranthene	22.653	252	29615m	0.457	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	10305m	0.145	ng/ul	
26) Benzo(a)pyrene	23.194	252	16060	0.258	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.420	276	13770	0.156	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.433	278	3421	0.050	ng/ul#	66
29) Benzo(g,h,i)perylene	26.071	276	13627	0.193	ng/ul	99

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

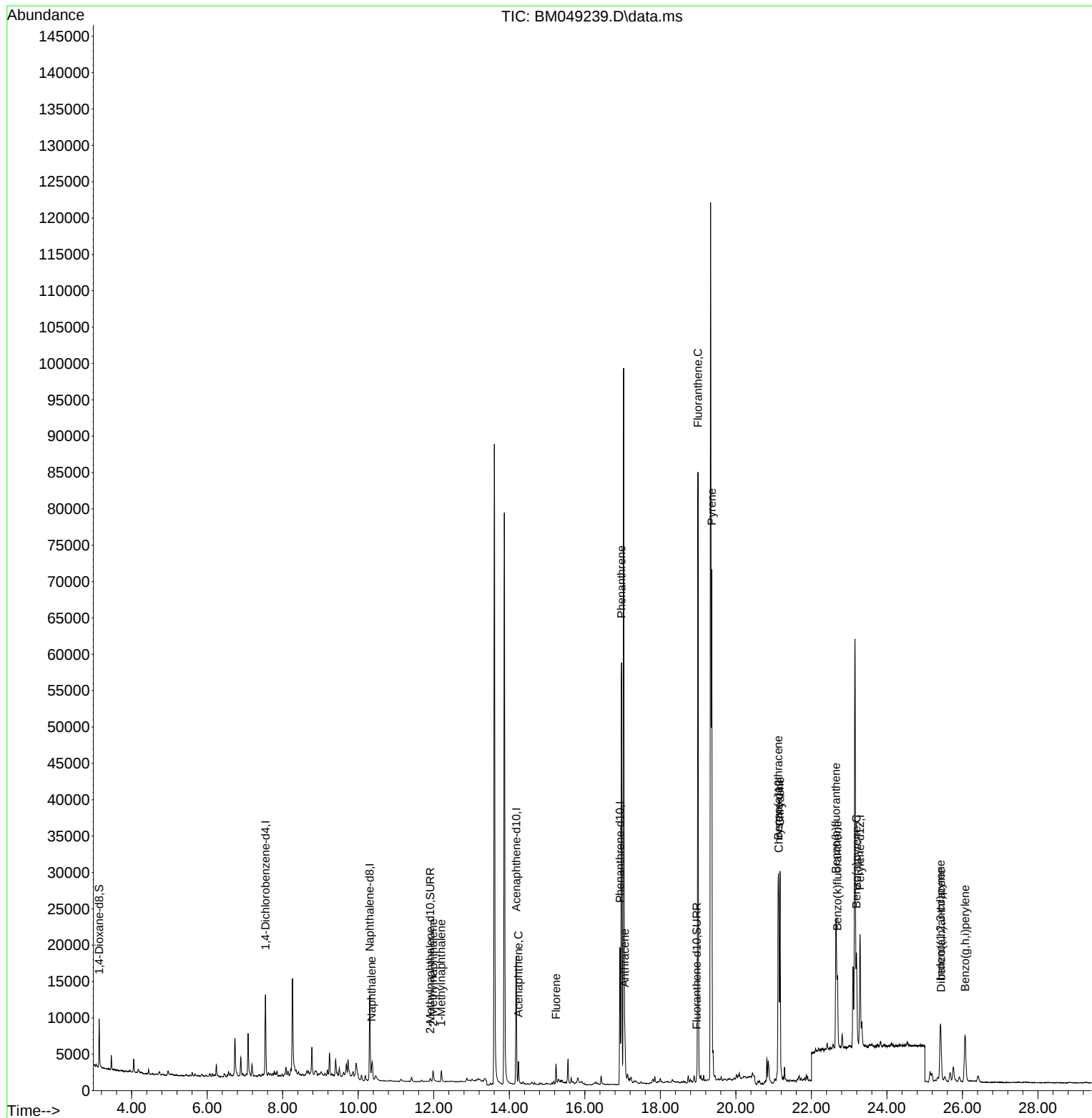
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
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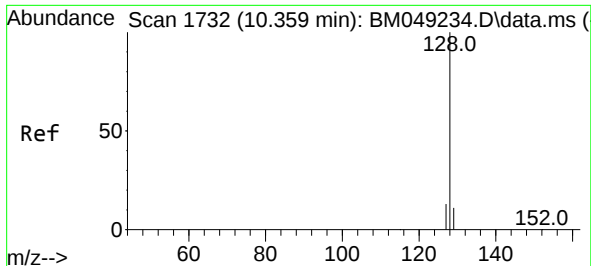
Instrument :
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Quant Time: Dec 27 00:46:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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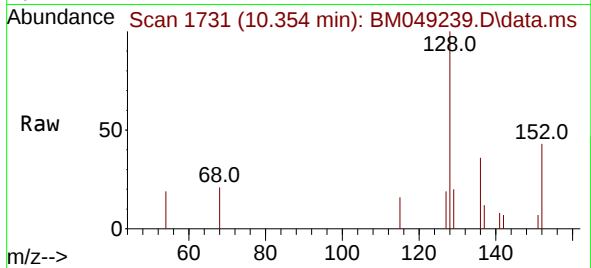
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024





#5
Naphthalene
Concen: 0.053 ng/u1
RT: 10.354 min Scan# 1731
Delta R.T. -0.004 min
Lab File: BM049239.D
Acq: 26 Dec 2024 23:31

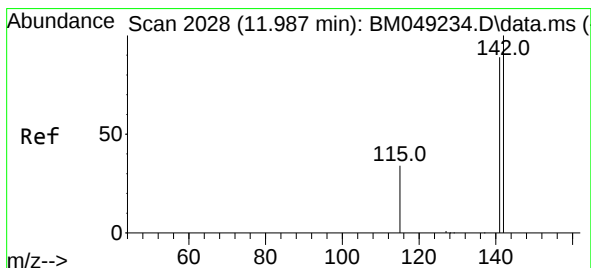
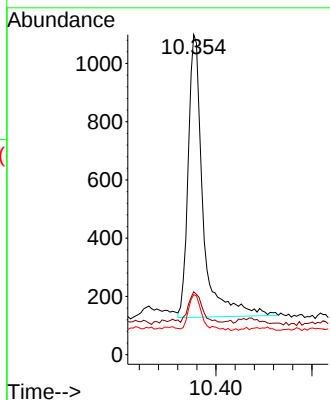
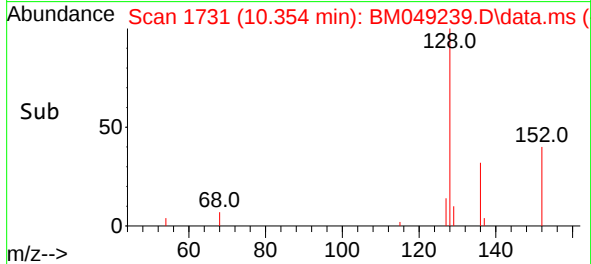
Instrument :
BNA_M
ClientSampleId :
E2912DL



Tgt Ion:128 Resp: 208
Ion Ratio Lower Upper
128 100
129 19.7 9.7 14.5
127 18.7 10.6 16.0

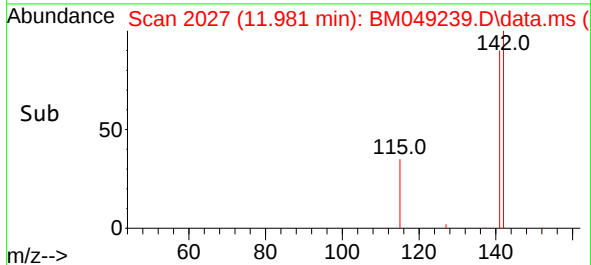
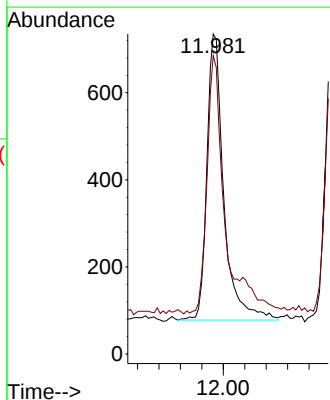
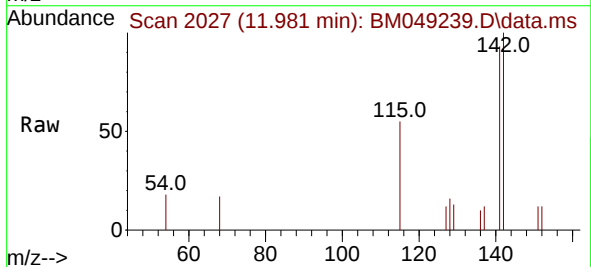
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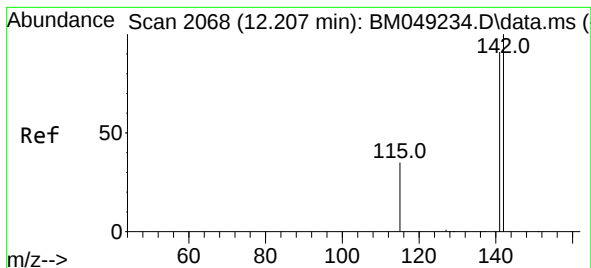
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#7
2-Methylnaphthalene
Concen: 0.057 ng/u1
RT: 11.981 min Scan# 2027
Delta R.T. 0.001 min
Lab File: BM049239.D
Acq: 26 Dec 2024 23:31

Tgt Ion:142 Resp: 1436
Ion Ratio Lower Upper
142 100
141 97.6 71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.048 ng/ul

RT: 12.201 min Scan# 2067

Delta R.T. -0.004 min

Lab File: BM049239.D

Acq: 26 Dec 2024 23:31

Instrument :

BNA_M

ClientSampleId :

E2912DL

Tgt Ion:142 Resp: 124

Ion Ratio Lower Upper

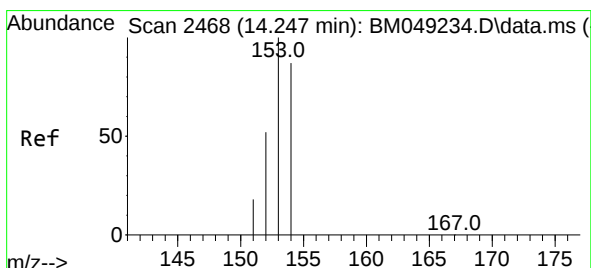
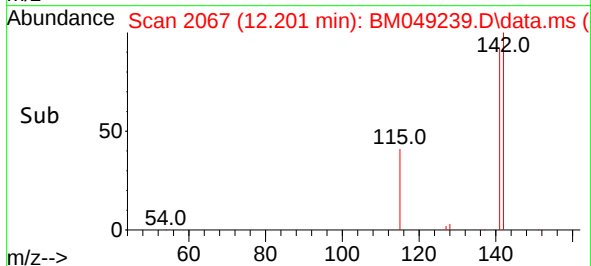
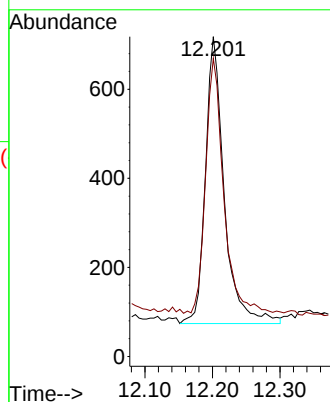
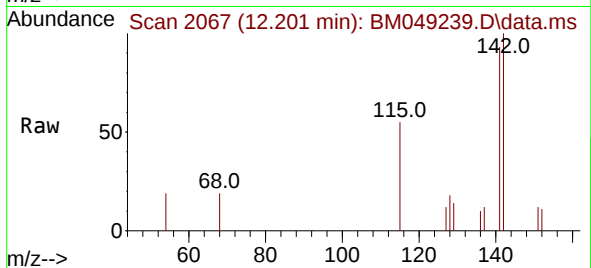
142 100

141 85.3 72.7 109.1

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#11

Acenaphthene

Concen: 0.058 ng/ul

RT: 14.243 min Scan# 2467

Delta R.T. -0.003 min

Lab File: BM049239.D

Acq: 26 Dec 2024 23:31

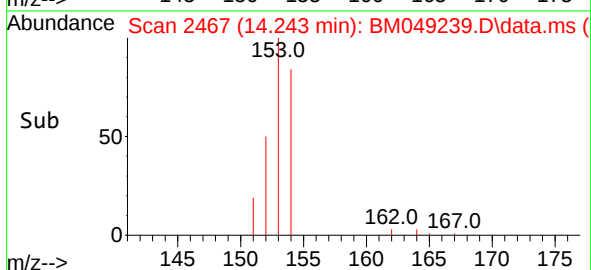
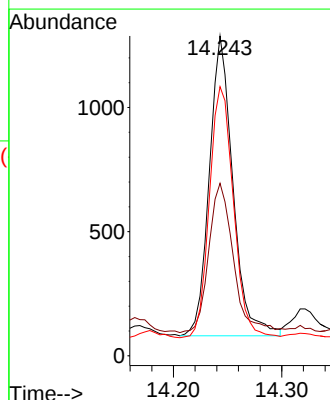
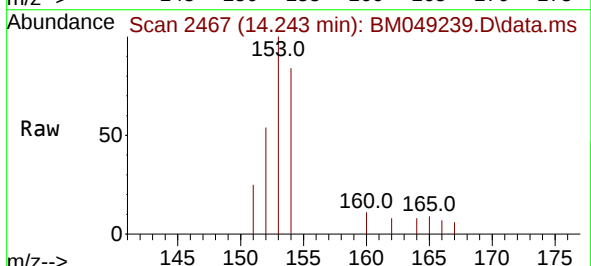
Tgt Ion:153 Resp: 1828

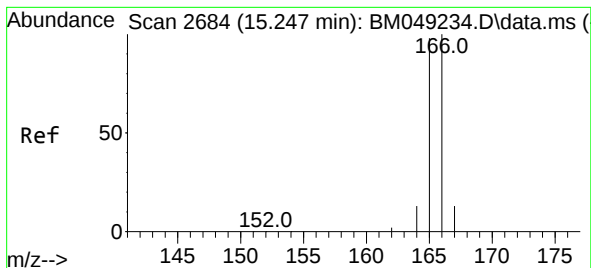
Ion Ratio Lower Upper

153 100

152 54.0 40.7 61.1

154 84.2 70.8 106.2





#12

Fluorene

Concen: 0.083 ng/u1

RT: 15.238 min Scan# 2

Delta R.T. -0.003 min

Lab File: BM049239.D

Acq: 26 Dec 2024 23:31

Instrument :

BNA_M

ClientSampleId :

E2912DL

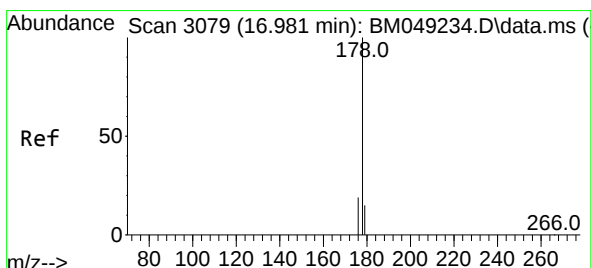
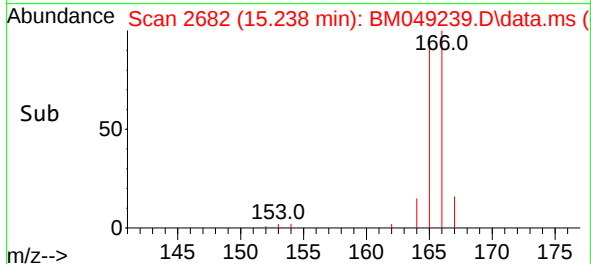
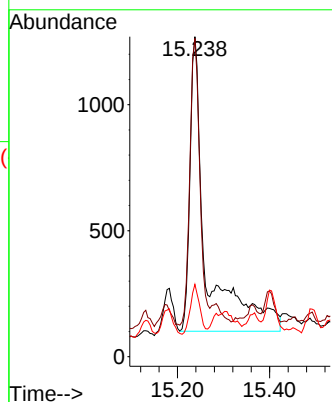
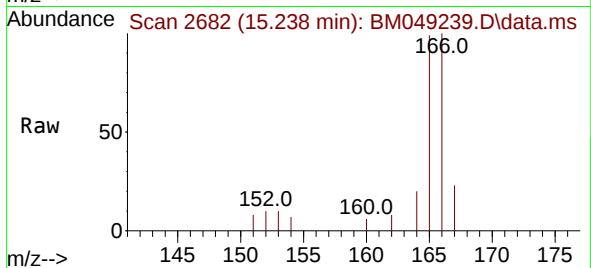
Tgt Ion:166 Resp: 292

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.7	119.5
167	22.6	11.4	17.0

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#15

Phenanthrene

Concen: 1.066 ng/u1

RT: 16.972 min Scan# 3077

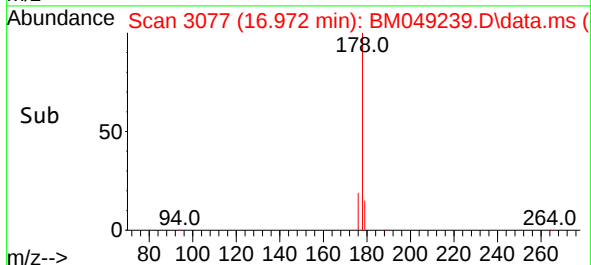
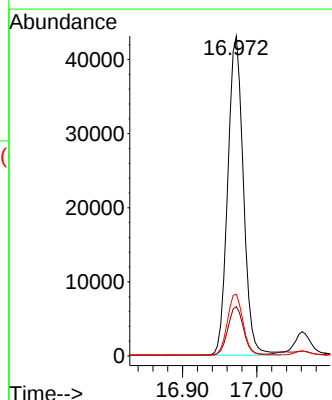
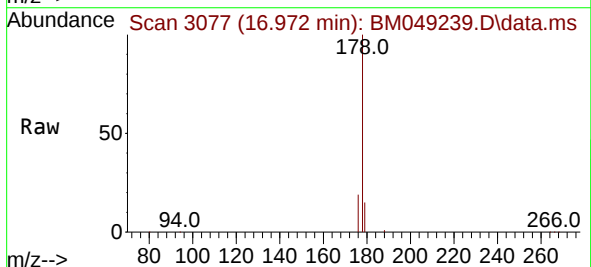
Delta R.T. -0.003 min

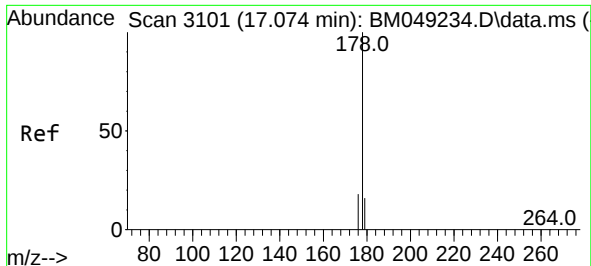
Lab File: BM049239.D

Acq: 26 Dec 2024 23:31

Tgt Ion:178 Resp: 62921

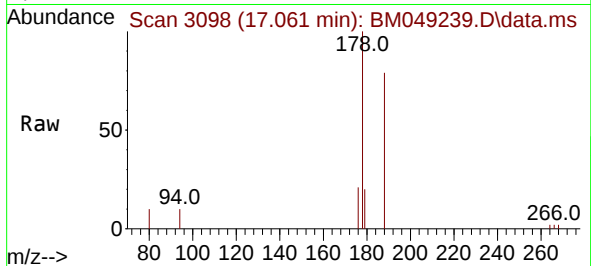
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.4
176	19.3	16.2	24.2





#16
 Anthracene
 Concen: 0.082 ng/ul
 RT: 17.061 min Scan# 3098
 Delta R.T. -0.007 min
 Lab File: BM049239.D
 Acq: 26 Dec 2024 23:31

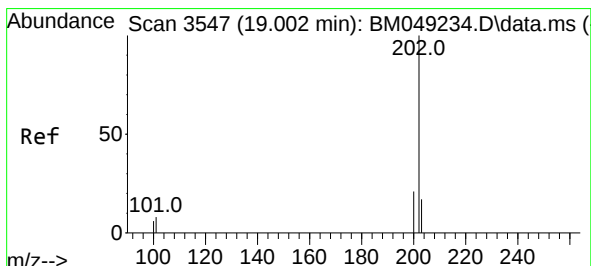
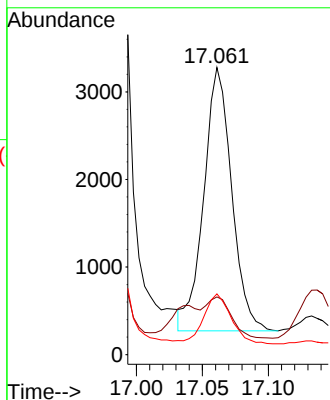
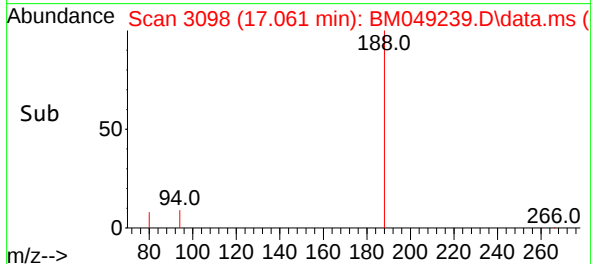
Instrument :
 BNA_M
 ClientSampleId :
 E2912DL



Tgt Ion:178 Resp: 4440
 Ion Ratio Lower Upper
 178 100
 179 20.1 12.9 19.3
 176 21.1 15.3 22.9

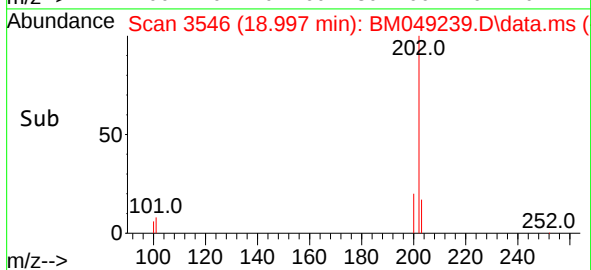
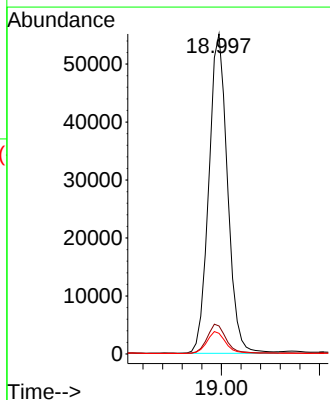
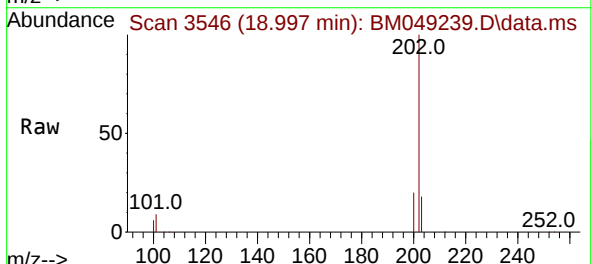
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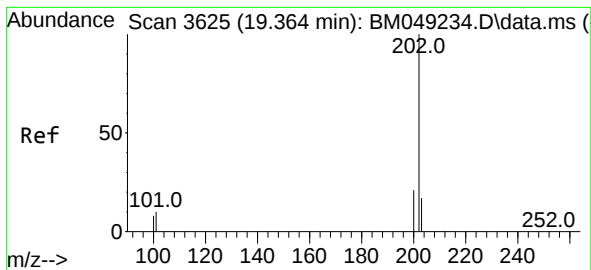
Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024



#19
 Fluoranthene
 Concen: 1.081 ng/ul
 RT: 18.997 min Scan# 3546
 Delta R.T. -0.003 min
 Lab File: BM049239.D
 Acq: 26 Dec 2024 23:31

Tgt Ion:202 Resp: 72825
 Ion Ratio Lower Upper
 202 100
 101 8.7 7.6 11.4
 100 6.5 5.5 8.3





#20

Pyrene

Concen: 0.803 ng/ul

RT: 19.360 min Scan# 3

Delta R.T. -0.003 min

Lab File: BM049239.D

Acq: 26 Dec 2024 23:31

Instrument :

BNA_M

ClientSampleId :

E2912DL

Tgt Ion:202 Resp: 5768

Ion Ratio Lower Upper

202 100

101 10.4 8.9 13.3

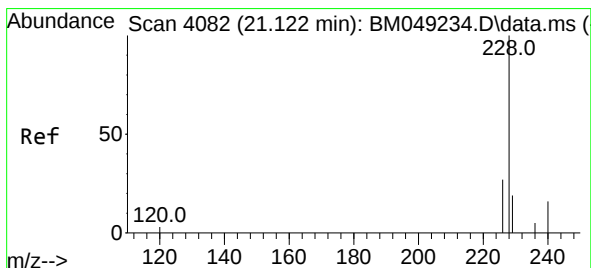
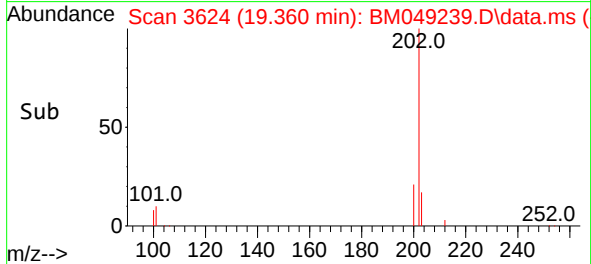
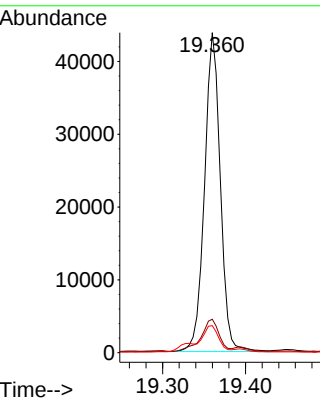
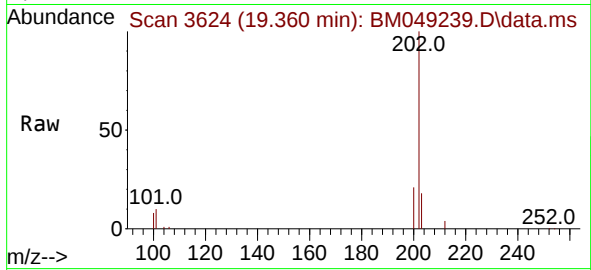
100 8.5 6.9 10.3

Manual Integrations

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Supervised By :mohammad ahmed 12/30/2024



#21

Benzo(a)anthracene

Concen: 0.322 ng/ul

RT: 21.119 min Scan# 4081

Delta R.T. -0.000 min

Lab File: BM049239.D

Acq: 26 Dec 2024 23:31

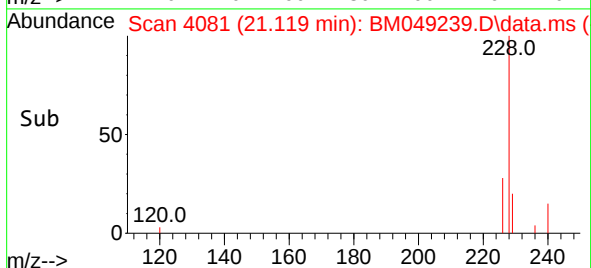
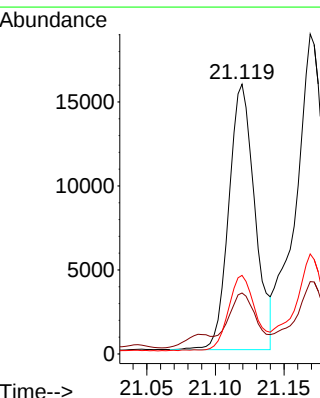
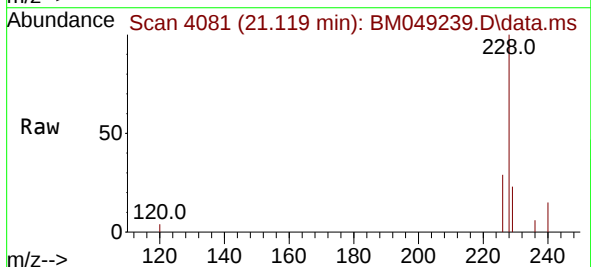
Tgt Ion:228 Resp: 20876

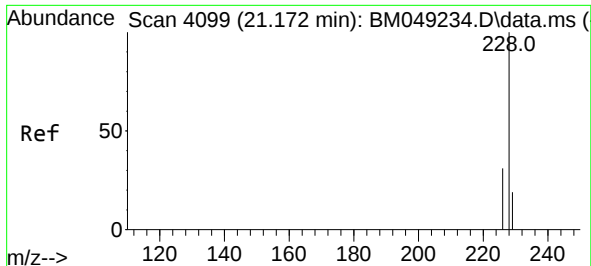
Ion Ratio Lower Upper

228 100

229 22.6 15.9 23.9

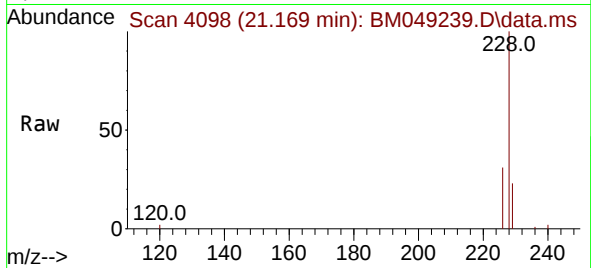
226 29.1 22.6 34.0





#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049239.D
Acq: 26 Dec 2024 23:31

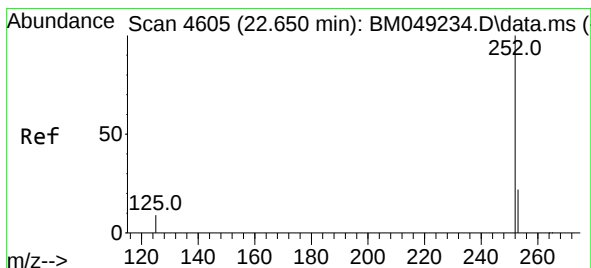
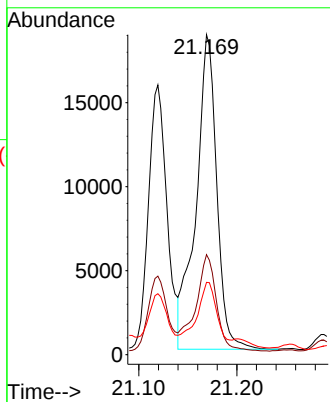
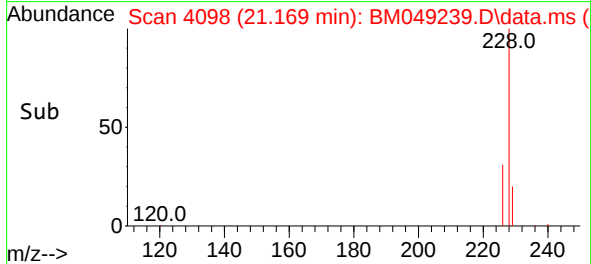
Instrument :
BNA_M
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E2912DL



Tgt Ion:228 Resp: 2752
Ion Ratio Lower Upper
228 100
226 31.3 24.1 36.1
229 22.6 15.8 23.8

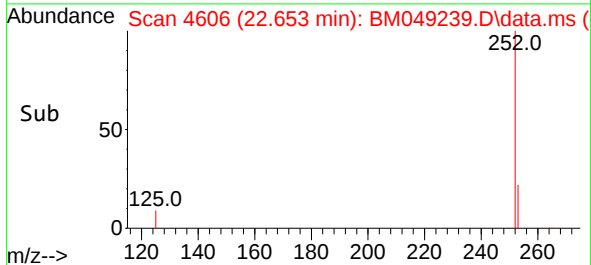
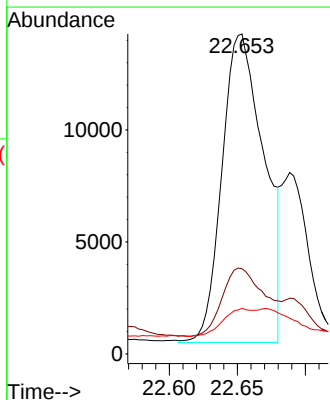
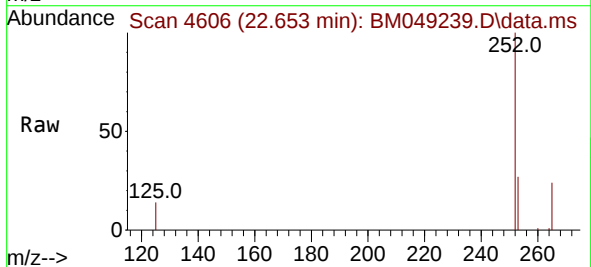
Manual Integrations
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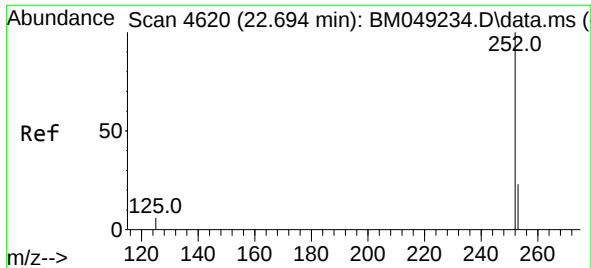
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#24
Benzo(b)fluoranthene
Concen: 0.457 ng/ul m
RT: 22.653 min Scan# 4606
Delta R.T. 0.005 min
Lab File: BM049239.D
Acq: 26 Dec 2024 23:31

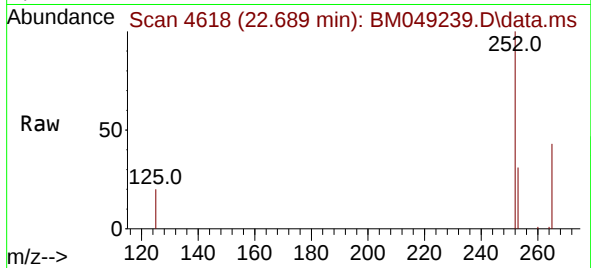
Tgt Ion:252 Resp: 29615
Ion Ratio Lower Upper
252 100
253 26.6 0.0 52.6
125 14.2 0.0 30.8





#25
Benzo(k)fluoranthene
Concen: 0.145 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BM049239.D
Acq: 26 Dec 2024 23:31

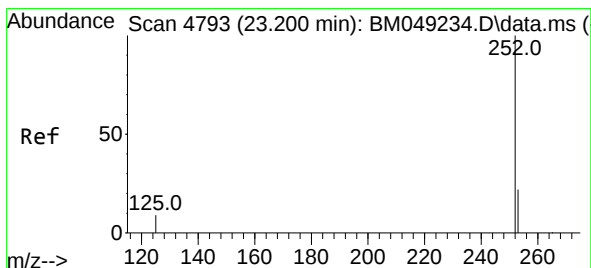
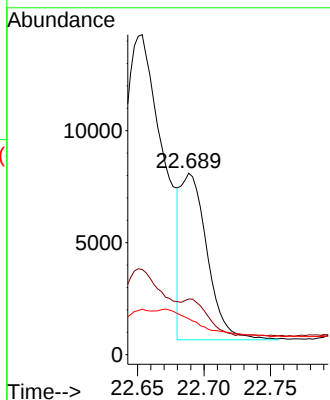
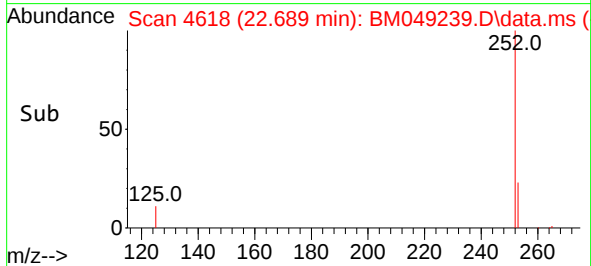
Instrument :
BNA_M
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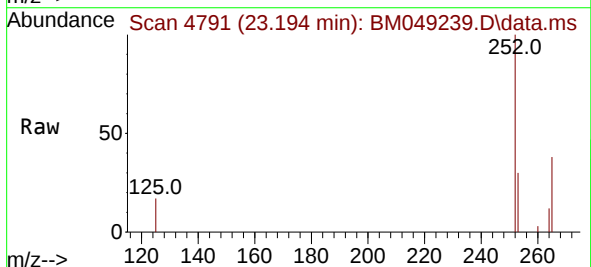
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Ion Ratio Lower Upper
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253 30.7 21.3 31.9
125 19.8 12.6 18.8

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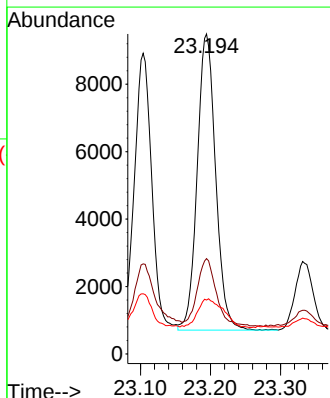
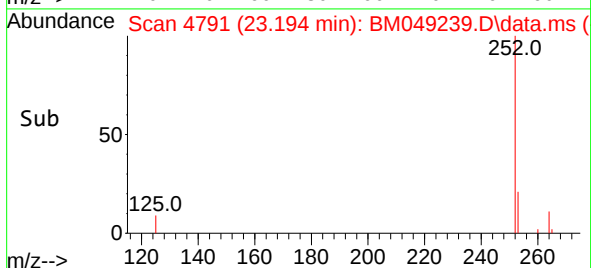
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

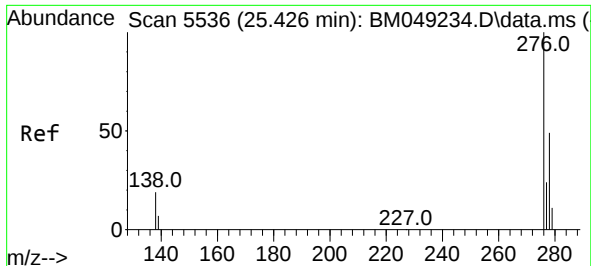


#26
Benzo(a)pyrene
Concen: 0.258 ng/ul
RT: 23.194 min Scan# 4791
Delta R.T. 0.003 min
Lab File: BM049239.D
Acq: 26 Dec 2024 23:31



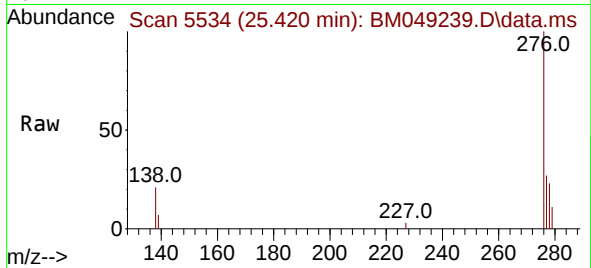
Tgt Ion:252 Resp: 16060
Ion Ratio Lower Upper
252 100
253 29.8 22.4 33.6
125 16.8 14.8 22.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.156 ng/ul
RT: 25.420 min Scan# 5534
Delta R.T. 0.003 min
Lab File: BM049239.D
Acq: 26 Dec 2024 23:31

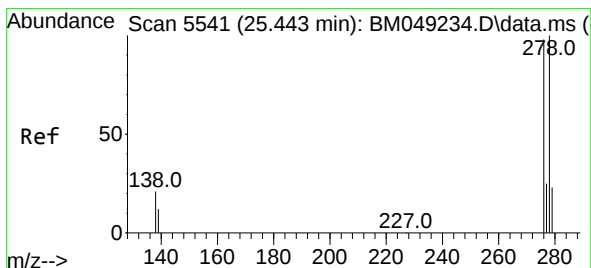
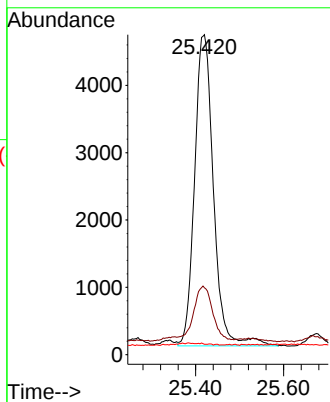
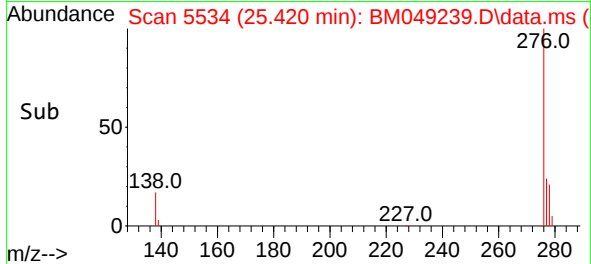
Instrument :
BNA_M
ClientSampleId :
E2912DL



Tgt Ion:276 Resp: 13770
Ion Ratio Lower Upper
276 100
138 16.8 17.4 26.2#
227 0.1 0.2 0.2#

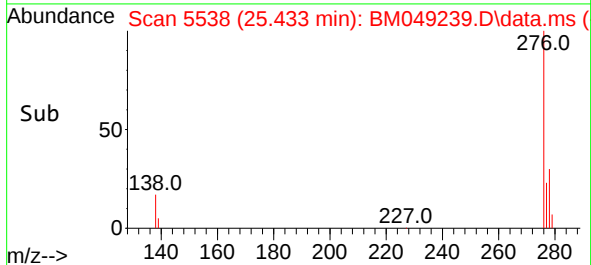
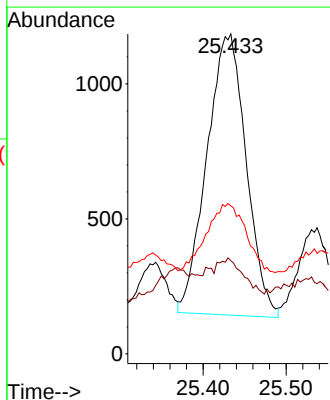
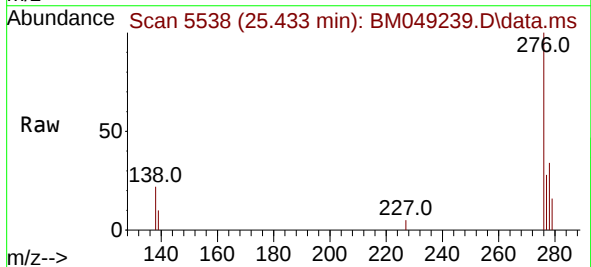
Manual Integrations
APPROVED

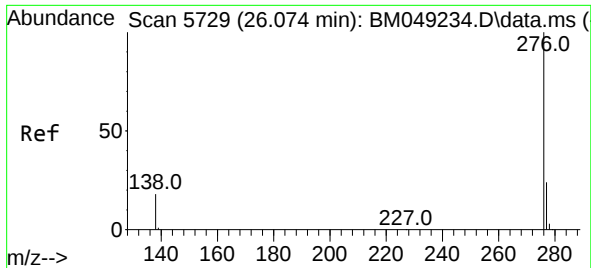
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 25.433 min Scan# 5538
Delta R.T. -0.004 min
Lab File: BM049239.D
Acq: 26 Dec 2024 23:31

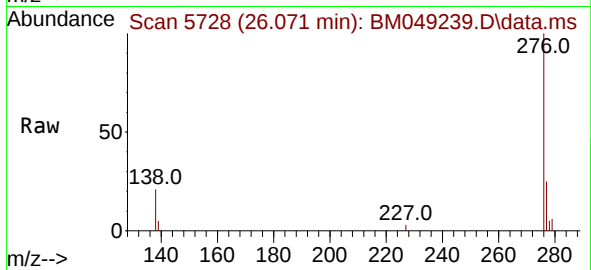
Tgt Ion:278 Resp: 3421
Ion Ratio Lower Upper
278 100
139 29.1 13.5 20.3#
279 46.2 21.5 32.3#





#29
 Benzo(g,h,i)perylene
 Concen: 0.193 ng/ul
 RT: 26.071 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: BM049239.D
 Acq: 26 Dec 2024 23:31

Instrument :
 BNA_M
 ClientSampleId :
 E2912DL



Tgt Ion: 276 Resp: 1362
 Ion Ratio Lower Upper
 276 100
 138 20.7 16.7 25.1
 277 25.4 19.9 29.9

Manual Integrations
 APPROVED

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

