

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049240.D
 Acq On : 27 Dec 2024 00:07
 Operator : RC/JU
 Sample : P5333-08DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2911DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 27 00:47:00 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	7.543	152	6284	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	19333	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	11733	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	25574	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	21703	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	23785	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4789	0.661	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	925	0.036	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	1565	0.025	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.354	128	1819	0.038	ng/ul#	80
7) 2-Methylnaphthalene	11.981	142	670	0.022	ng/ul#	78
10) Acenaphthylene	13.896	152	1114	0.023	ng/ul#	60
11) Acenaphthene	14.243	153	728	0.021	ng/ul	95
12) Fluorene	15.238	166	1040	0.026	ng/ul#	94
15) Phenanthrene	16.972	178	17400	0.260	ng/ul	99
16) Anthracene	17.061	178	3625	0.059	ng/ul#	92
19) Fluoranthene	18.997	202	30417	0.388	ng/ul	99
20) Pyrene	19.360	202	28603	0.342	ng/ul	99
21) Benzo(a)anthracene	21.119	228	12879	0.171	ng/ul	97
22) Chrysene	21.172	228	14896m	0.184	ng/ul	
24) Benzo(b)fluoranthene	22.653	252	18804m	0.247	ng/ul	
25) Benzo(k)fluoranthene	22.686	252	6601m	0.079	ng/ul	
26) Benzo(a)pyrene	23.194	252	12093	0.166	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.423	276	9490	0.092	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.427	278	2333	0.029	ng/ul#	46
29) Benzo(g,h,i)perylene	26.071	276	10953	0.132	ng/ul	96

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

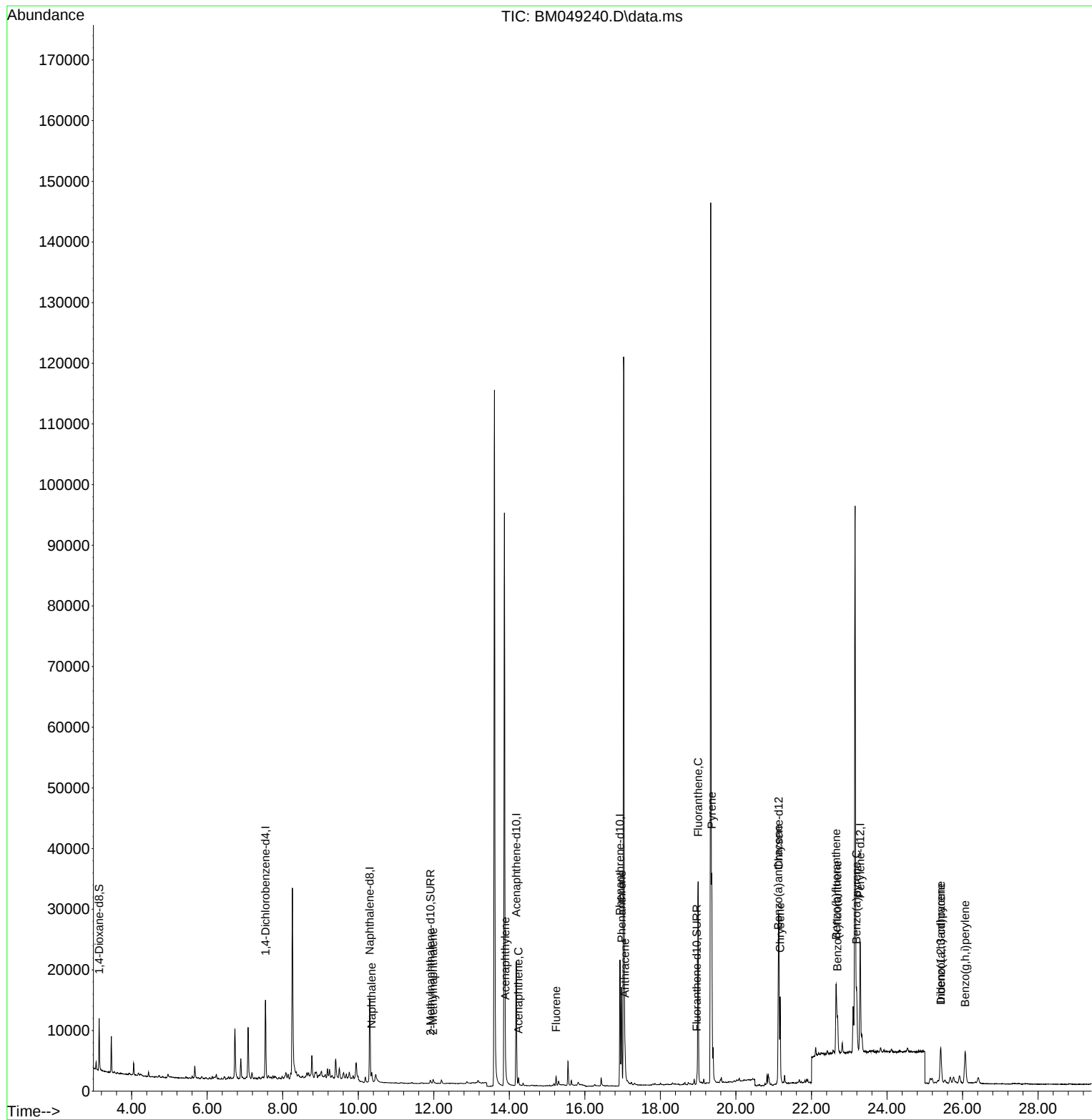
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049240.D
Acq On : 27 Dec 2024 00:07
Operator : RC/JU
Sample : P5333-08DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

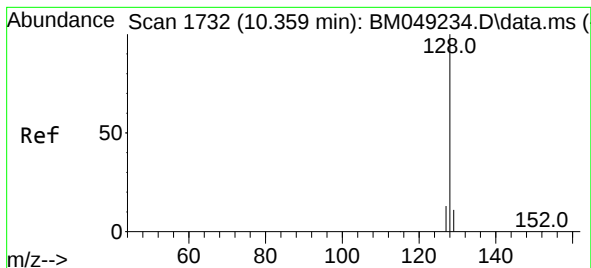
Instrument :
BNA_M
ClientSampleId :
E2911DL

Manual Integrations
APPROVED

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

Quant Time: Dec 27 00:47:00 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: 0.038 ng/ul

RT: 10.354 min Scan# 1732

Delta R.T. -0.004 min

Lab File: BM049240.D

Acq: 27 Dec 2024 00:07

Instrument :

BNA_M

ClientSampleId :

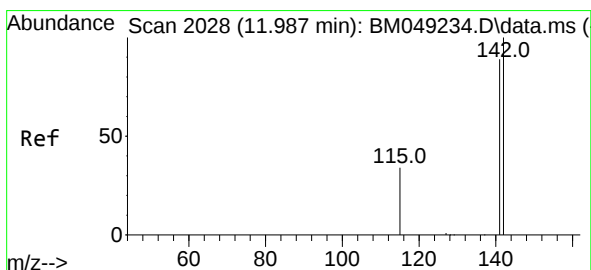
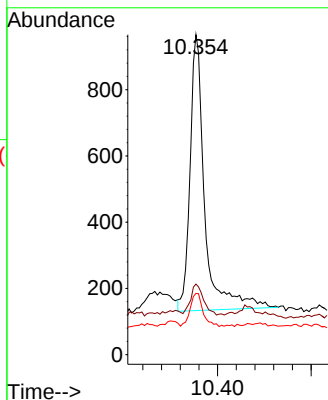
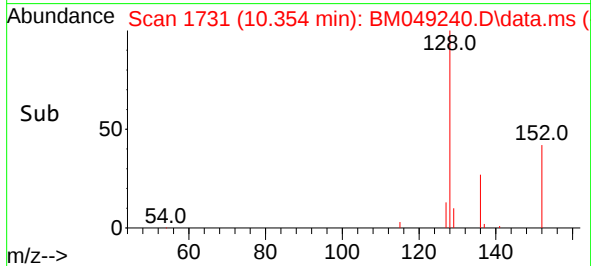
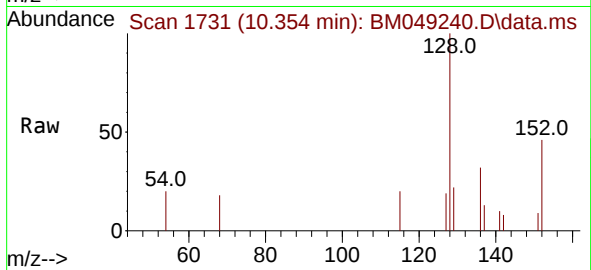
E2911DL

Tgt Ion:128	Resp:	1819
Ion Ratio	Lower	Upper
128	100	
129	22.0	9.7 14.5
127	19.2	10.6 16.0

Manual Integrations

APPROVED

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



#7

2-Methylnaphthalene

Concen: 0.022 ng/ul

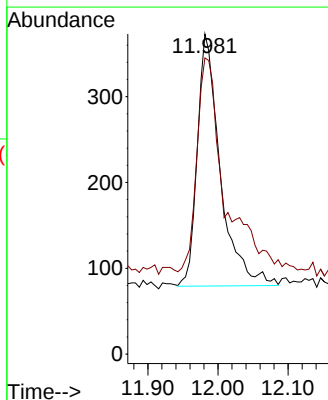
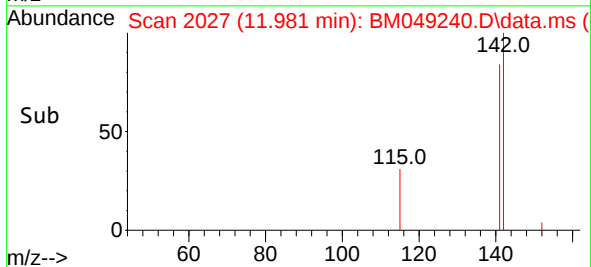
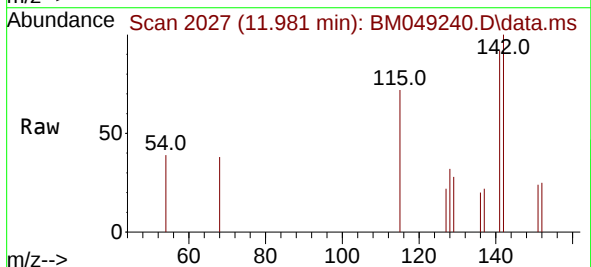
RT: 11.981 min Scan# 2027

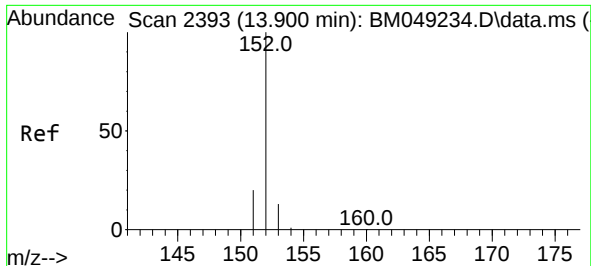
Delta R.T. 0.001 min

Lab File: BM049240.D

Acq: 27 Dec 2024 00:07

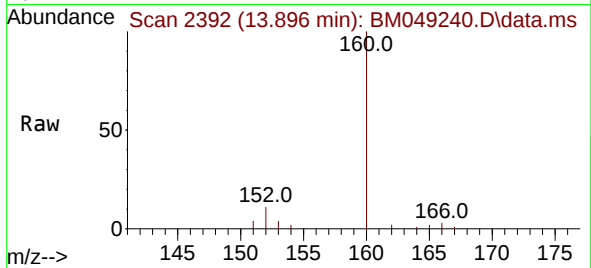
Tgt Ion:142	Resp:	670
Ion Ratio	Lower	Upper
142	100	
141	110.3	71.7 107.5





#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 13.896 min Scan# 2114
Delta R.T. -0.003 min
Lab File: BM049240.D
Acq: 27 Dec 2024 00:07

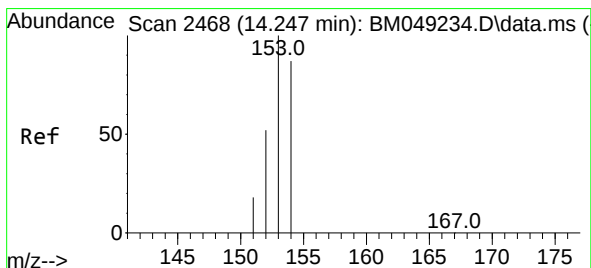
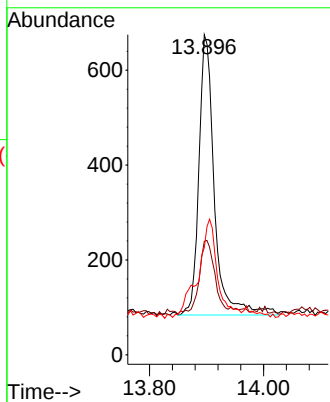
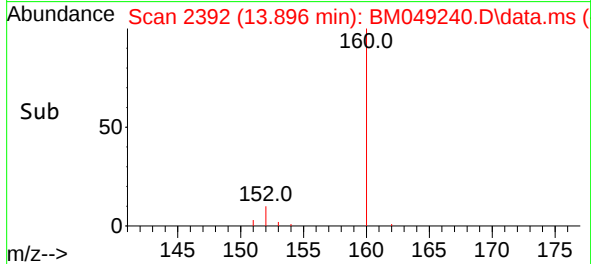
Instrument :
BNA_M
ClientSampleId :
E2911DL



Tgt Ion:152 Resp: 1114
Ion Ratio Lower Upper
152 100
151 35.4 16.0 24.0
153 33.5 11.0 16.6

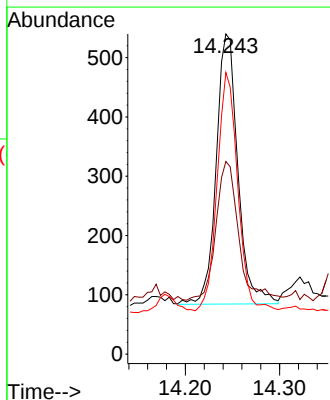
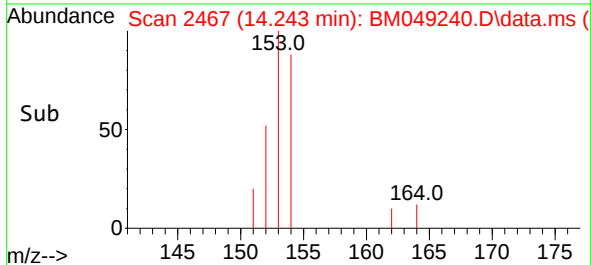
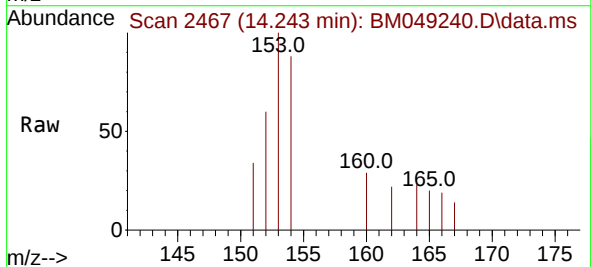
Manual Integrations
APPROVED

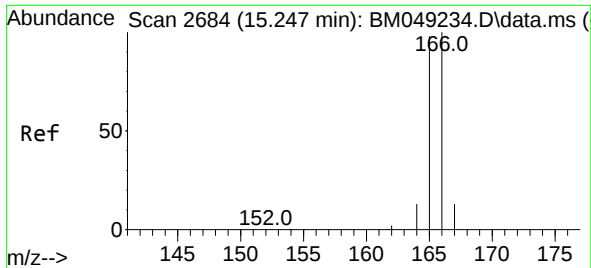
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BM049240.D
Acq: 27 Dec 2024 00:07

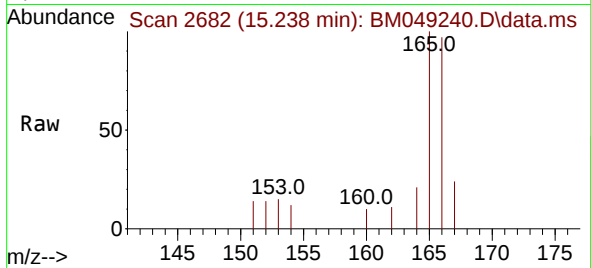
Tgt Ion:153 Resp: 728
Ion Ratio Lower Upper
153 100
152 60.2 40.7 61.1
154 88.0 70.8 106.2





#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.003 min
Lab File: BM049240.D
Acq: 27 Dec 2024 00:07

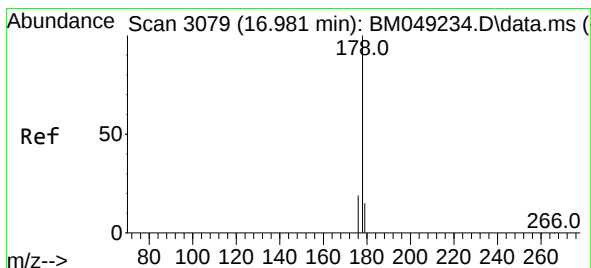
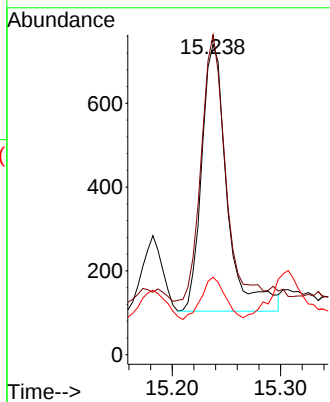
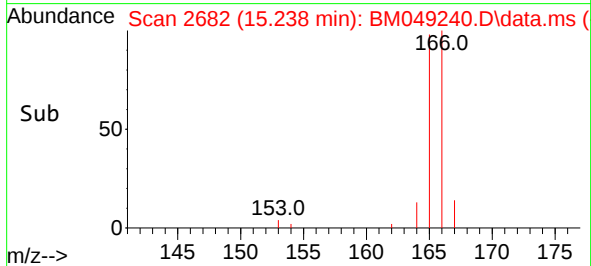
Instrument :
BNA_M
ClientSampleId :
E2911DL



Tgt Ion:166 Resp: 1040
Ion Ratio Lower Upper
166 100
165 103.1 79.7 119.5
167 25.0 11.4 17.0

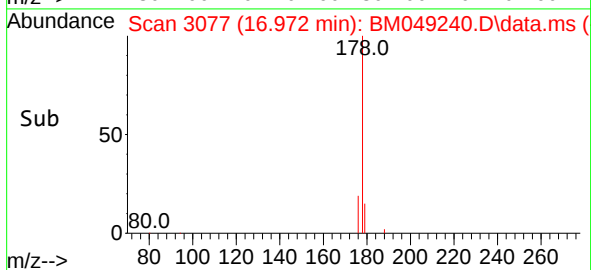
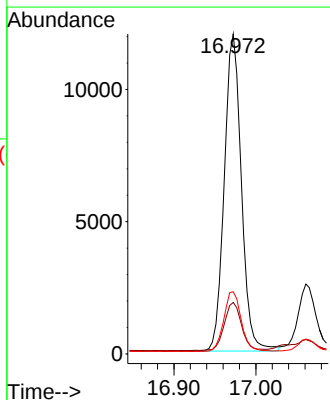
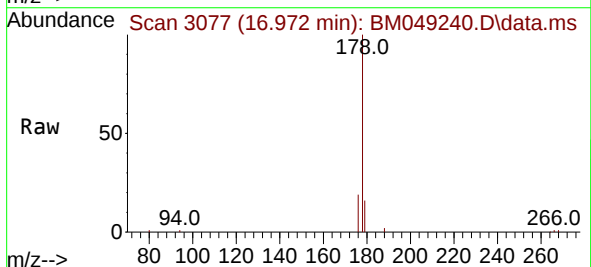
Manual Integrations
APPROVED

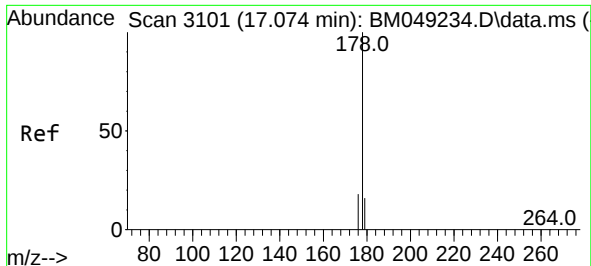
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#15
Phenanthrene
Concen: 0.260 ng/ul
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM049240.D
Acq: 27 Dec 2024 00:07

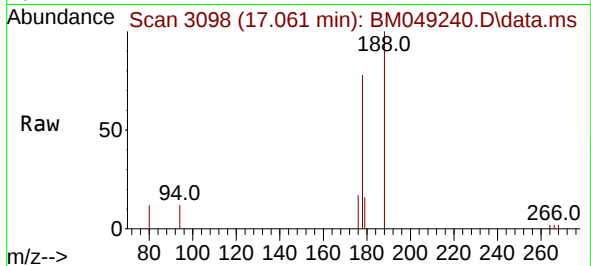
Tgt Ion:178 Resp: 17400
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 19.5 16.2 24.2





#16
 Anthracene
 Concen: 0.059 ng/ul
 RT: 17.061 min Scan# 3098
 Delta R.T. -0.007 min
 Lab File: BM049240.D
 Acq: 27 Dec 2024 00:07

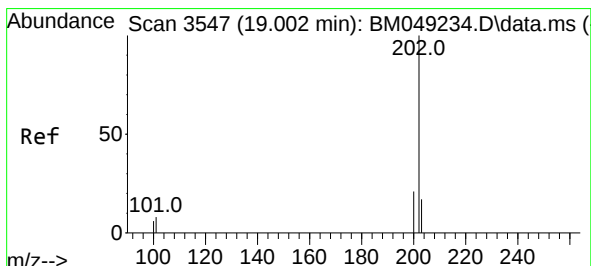
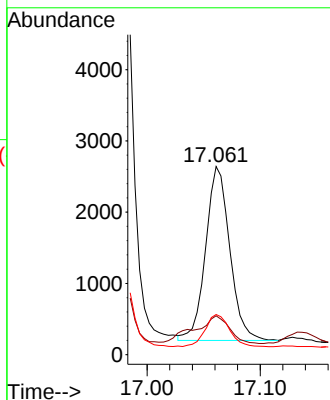
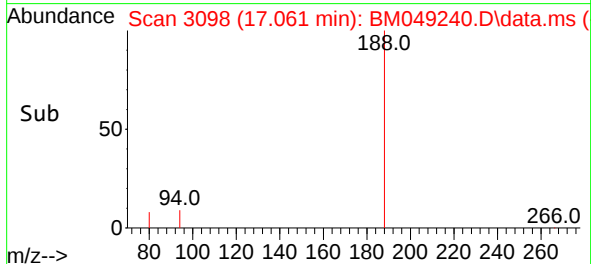
Instrument :
 BNA_M
 ClientSampleId :
 E2911DL



Tgt Ion:178 Resp: 3625
 Ion Ratio Lower Upper
 178 100
 179 20.6 12.9 19.3
 176 21.4 15.3 22.9

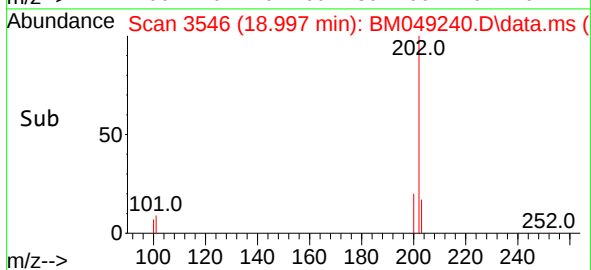
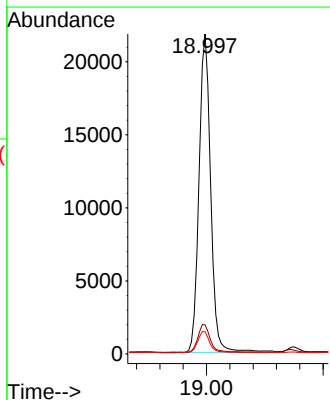
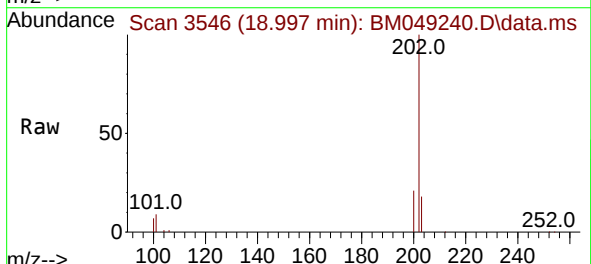
Manual Integrations
 APPROVED

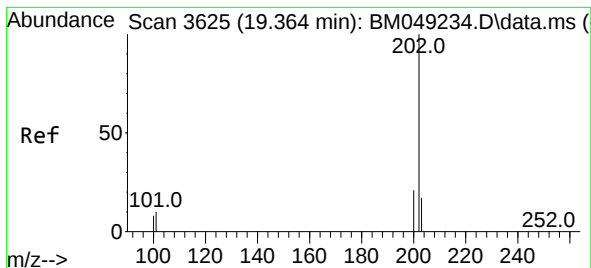
Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024



#19
 Fluoranthene
 Concen: 0.388 ng/ul
 RT: 18.997 min Scan# 3546
 Delta R.T. -0.003 min
 Lab File: BM049240.D
 Acq: 27 Dec 2024 00:07

Tgt Ion:202 Resp: 30417
 Ion Ratio Lower Upper
 202 100
 101 9.1 7.6 11.4
 100 6.9 5.5 8.3





#20

Pyrene

Concen: 0.342 ng/ul

RT: 19.360 min Scan# 3625

Delta R.T. -0.003 min

Lab File: BM049240.D

Acq: 27 Dec 2024 00:07

Instrument :

BNA_M

ClientSampleId :

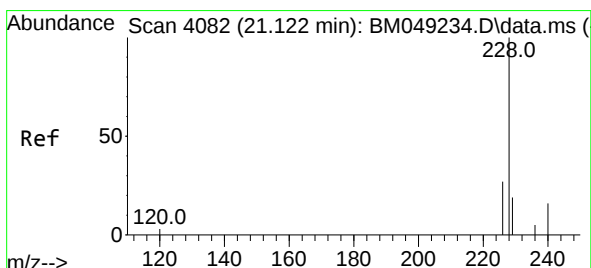
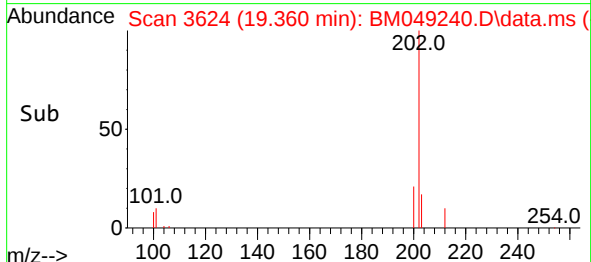
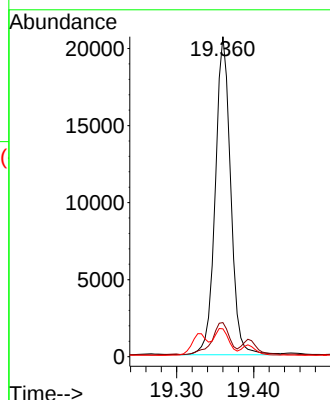
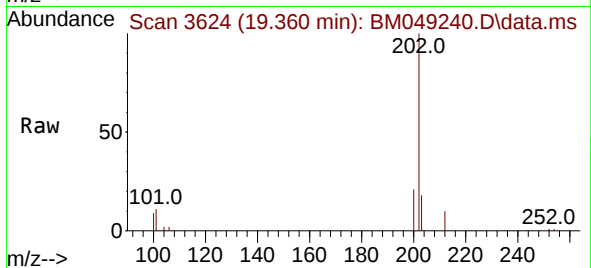
E2911DL

Tgt Ion:	202	Resp:	2860
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.9	13.3
100	8.7	6.9	10.3

Manual Integrations

APPROVED

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



#21

Benzo(a)anthracene

Concen: 0.171 ng/ul

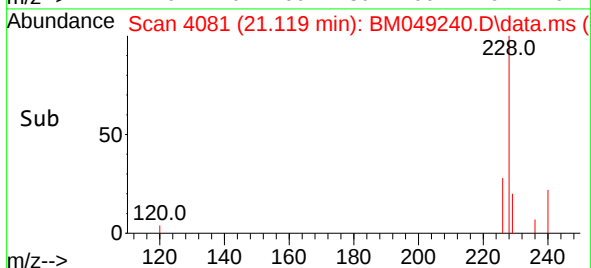
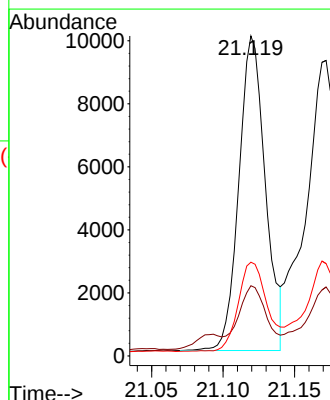
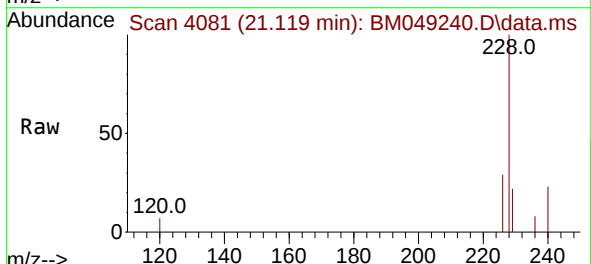
RT: 21.119 min Scan# 4081

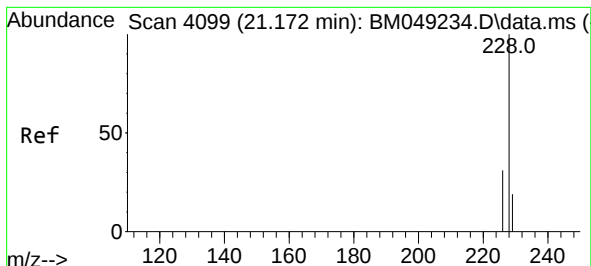
Delta R.T. -0.000 min

Lab File: BM049240.D

Acq: 27 Dec 2024 00:07

Tgt Ion:	228	Resp:	12879
Ion Ratio	Lower	Upper	
228	100		
229	21.9	15.9	23.9
226	29.3	22.6	34.0





#22

Chrysene

Concen: 0.184 ng/ul m

RT: 21.172 min Scan# 4099

Delta R.T. -0.000 min

Lab File: BM049240.D

Acq: 27 Dec 2024 00:07

Instrument :

BNA_M

ClientSampleId :

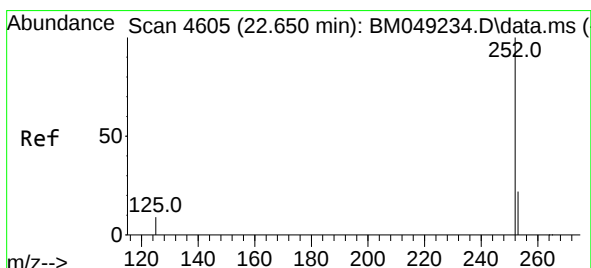
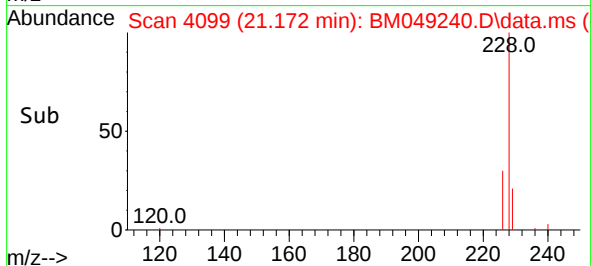
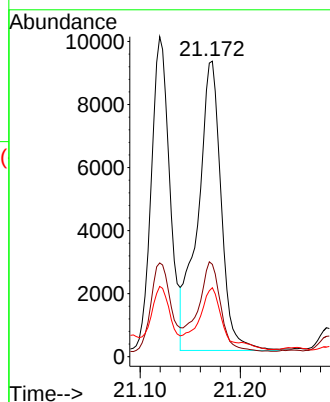
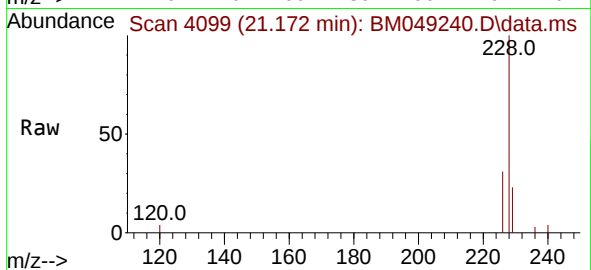
E2911DL

Tgt Ion:228	Resp:	14890
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.1 36.1
229	23.3	15.8 23.8

Manual Integrations

APPROVED

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



#24

Benzo(b)fluoranthene

Concen: 0.247 ng/ul m

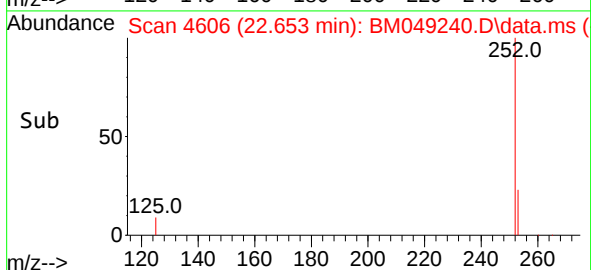
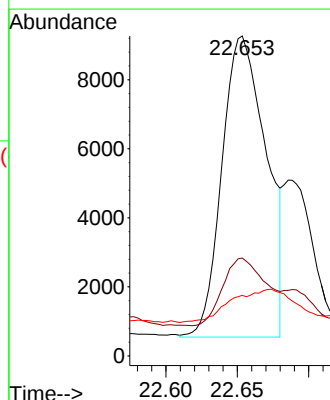
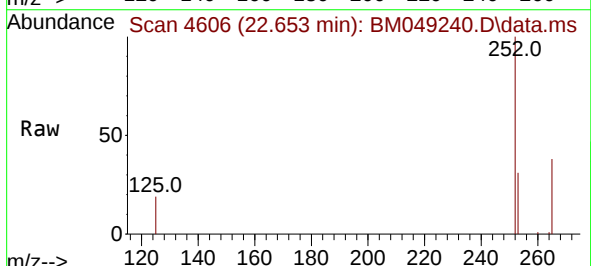
RT: 22.653 min Scan# 4606

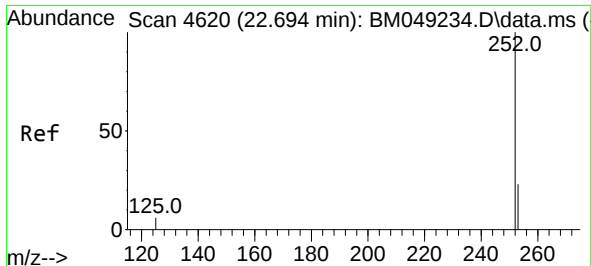
Delta R.T. 0.005 min

Lab File: BM049240.D

Acq: 27 Dec 2024 00:07

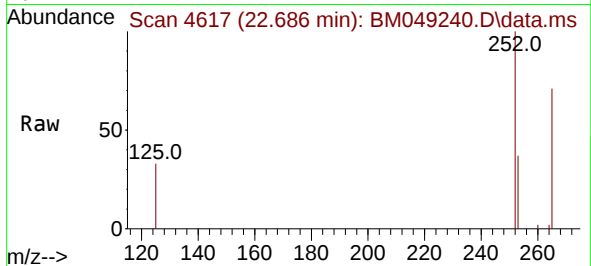
Tgt Ion:252	Resp:	18804
Ion Ratio	Lower	Upper
252	100	
253	30.6	0.0 52.6
125	19.0	0.0 30.8





#25
Benzo(k)fluoranthene
Concen: 0.079 ng/ul m
RT: 22.686 min Scan# 4617
Delta R.T. -0.006 min
Lab File: BM049240.D
Acq: 27 Dec 2024 00:07

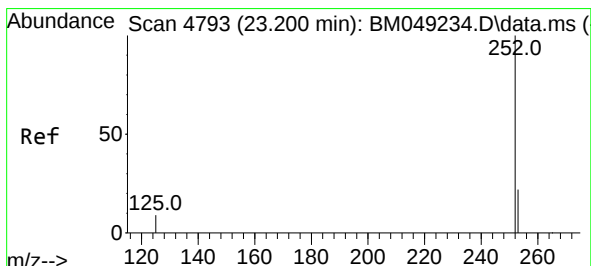
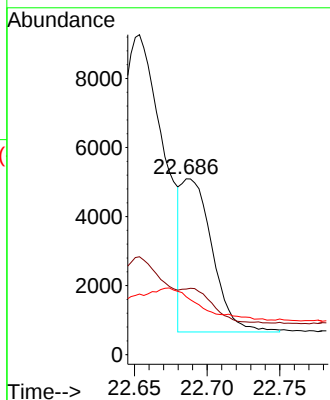
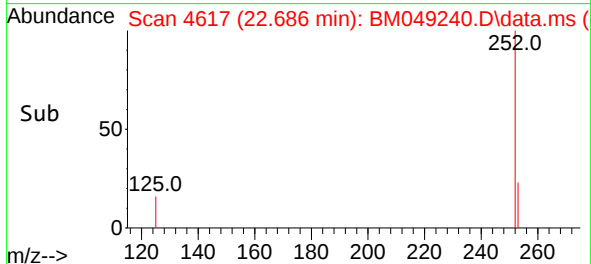
Instrument :
BNA_M
ClientSampleId :
E2911DL



Tgt Ion:252 Resp: 660
Ion Ratio Lower Upper
252 100
253 37.3 21.3 31.9
125 33.0 12.6 18.8

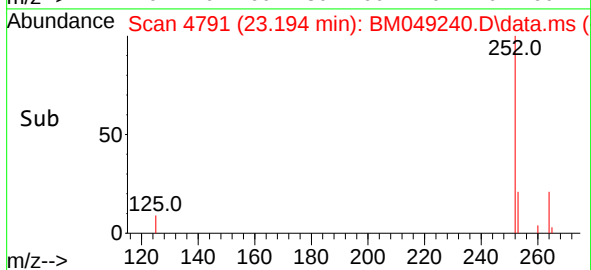
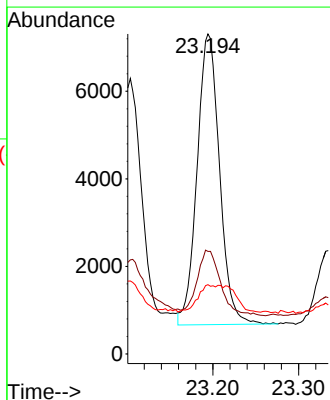
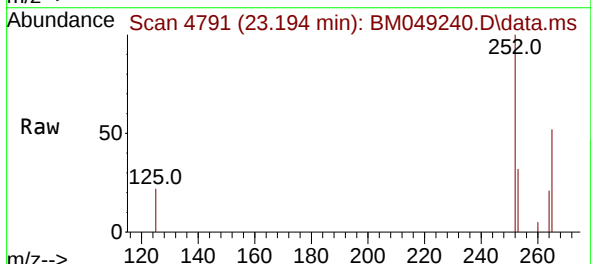
Manual Integrations
APPROVED

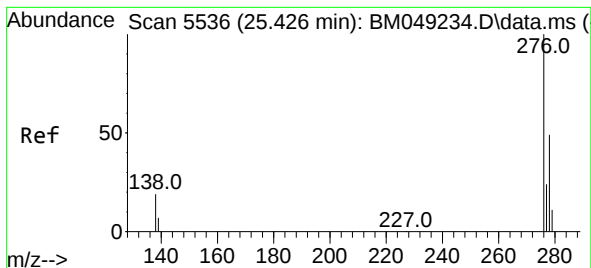
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#26
Benzo(a)pyrene
Concen: 0.166 ng/ul
RT: 23.194 min Scan# 4791
Delta R.T. 0.003 min
Lab File: BM049240.D
Acq: 27 Dec 2024 00:07

Tgt Ion:252 Resp: 12093
Ion Ratio Lower Upper
252 100
253 32.1 22.4 33.6
125 21.6 14.8 22.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.092 ng/ul

RT: 25.423 min Scan# 5535

Delta R.T. 0.006 min

Lab File: BM049240.D

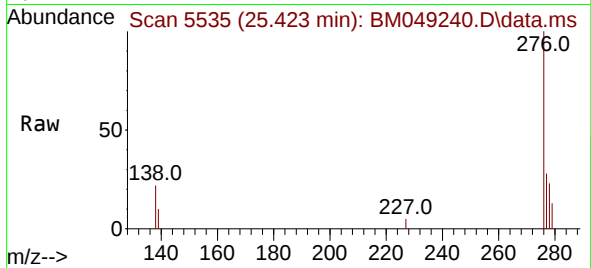
Acq: 27 Dec 2024 00:07

Instrument :

BNA_M

ClientSampleId :

E2911DL



Tgt Ion:276 Resp: 9490

Ion Ratio Lower Upper

276 100

138 18.7 17.4 26.2

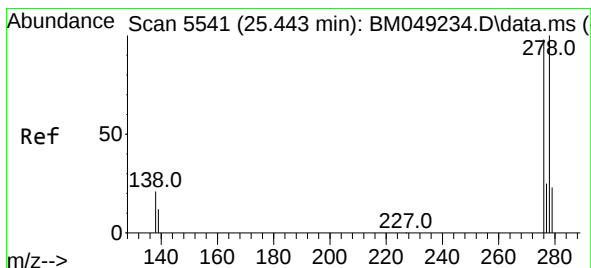
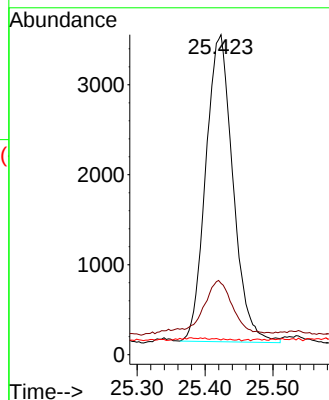
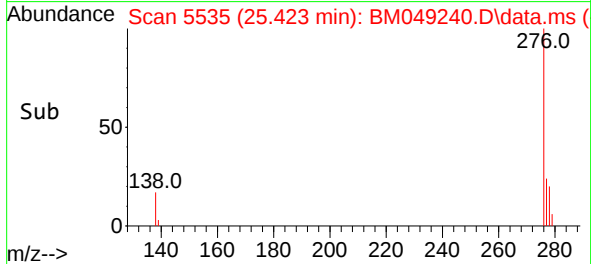
227 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024

Supervised By :mohammad ahmed 12/30/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.029 ng/ul

RT: 25.427 min Scan# 5536

Delta R.T. -0.010 min

Lab File: BM049240.D

Acq: 27 Dec 2024 00:07

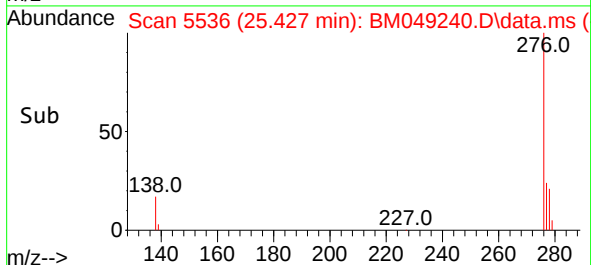
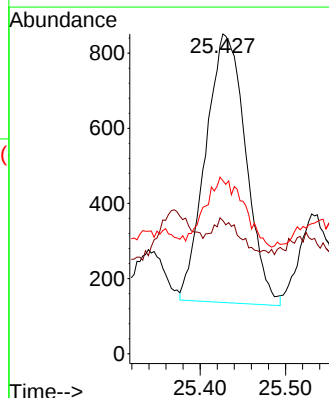
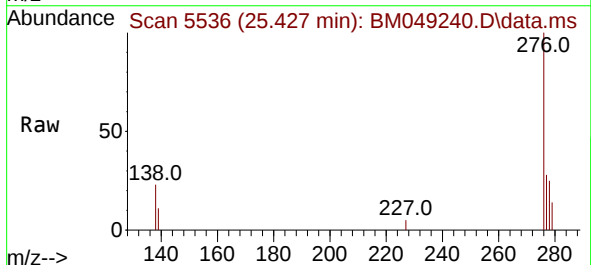
Tgt Ion:278 Resp: 2333

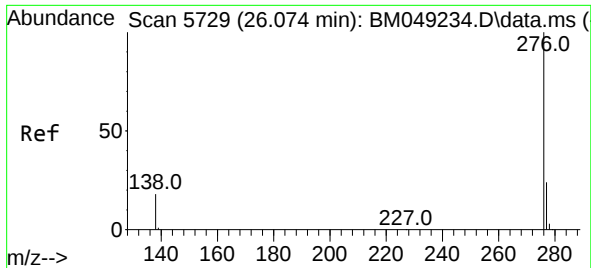
Ion Ratio Lower Upper

278 100

139 41.6 13.5 20.3#

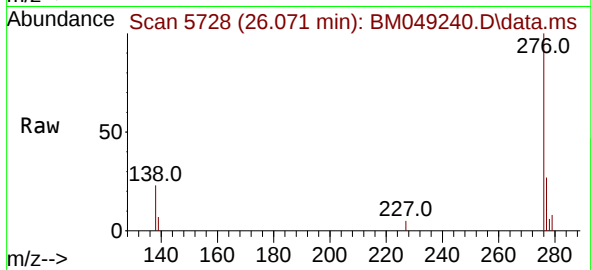
279 54.1 21.5 32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.132 ng/ul
RT: 26.071 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM049240.D
Acq: 27 Dec 2024 00:07

Instrument :
BNA_M
ClientSampleId :
E2911DL



Tgt Ion: 276 Resp: 1095
Ion Ratio Lower Upper
276 100
138 22.9 16.7 25.1
277 27.0 19.9 29.9

Manual Integrations
APPROVED

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

