

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049105.D
 Acq On : 20 Dec 2024 18:01
 Operator : RC/JU
 Sample : P5265-20MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y9MS

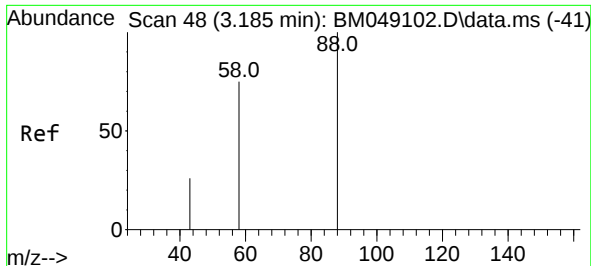
Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 22:10:34 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

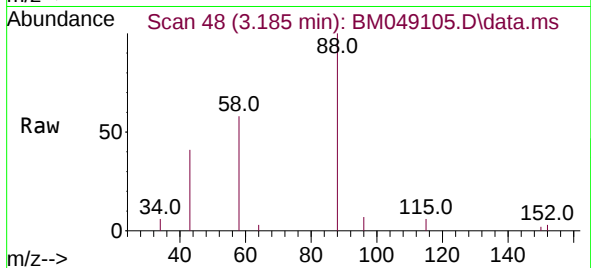
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	6626	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	21164	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.195	164	12271	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	25713	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	21566	0.400	ng/ul	0.00
23) Perylene-d12	23.306	264	22974	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	2581	0.338	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	6314	0.222	ng/ul	0.00
18) Fluoranthene-d10	18.978	212	18603	0.304	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.185	88	7865	0.881	ng/ul#	87
5) Naphthalene	10.374	128	13136	0.248	ng/ul	98
7) 2-Methylnaphthalene	11.997	142	9414	0.280	ng/ul	99
8) 1-Methylnaphthalene	12.217	142	9361	0.272	ng/ul	99
10) Acenaphthylene	13.913	152	17726	0.349	ng/ul	99
11) Acenaphthene	14.256	153	10551	0.284	ng/ul	99
12) Fluorene	15.250	166	12734	0.304	ng/ul	100
14) Pentachlorophenol	16.600	266	2761	0.388	ng/ul	97
15) Phenanthrene	16.984	178	97850	1.457	ng/ul	98
16) Anthracene	17.077	178	30334	0.492	ng/ul	99
19) Fluoranthene	19.010	202	161747	2.074	ng/ul	98
20) Pyrene	19.373	202	138523	1.666	ng/ul	100
21) Benzo(a)anthracene	21.132	228	80624	1.075	ng/ul	99
22) Chrysene	21.181	228	77378	0.961	ng/ul	98
24) Benzo(b)fluoranthene	22.663	252	90135	1.228	ng/ul	95
25) Benzo(k)fluoranthene	22.704	252	44936	0.558	ng/ul	99
26) Benzo(a)pyrene	23.209	252	63931m	0.908	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.441	276	57462	0.577	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.461	278	28857	0.373	ng/ul	98
29) Benzo(g,h,i)perylene	26.095	276	53515	0.668	ng/ul	99

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



#2
1,4-Dioxane
Concen: 0.881 ng/ul
RT: 3.185 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01

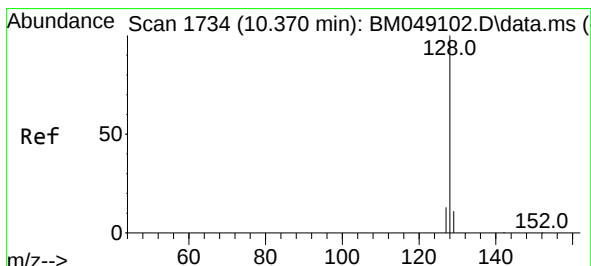
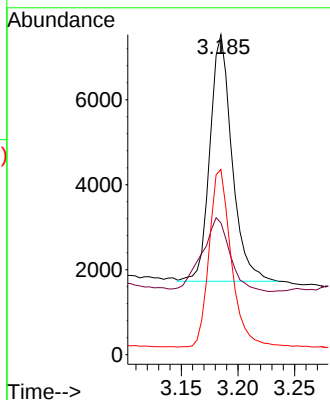
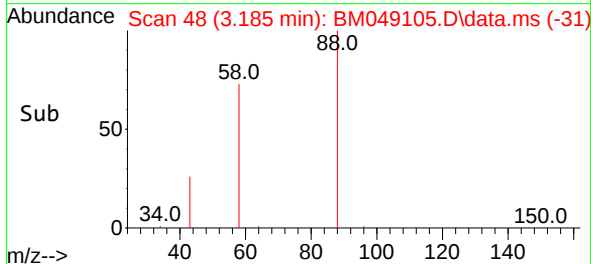
Instrument :
BNA_M
ClientSampleId :
E28Y9MS



Tgt Ion: 88 Resp: 786
Ion Ratio Lower Upper
88 100
43 41.2 45.4 68.2
58 57.9 43.6 65.4

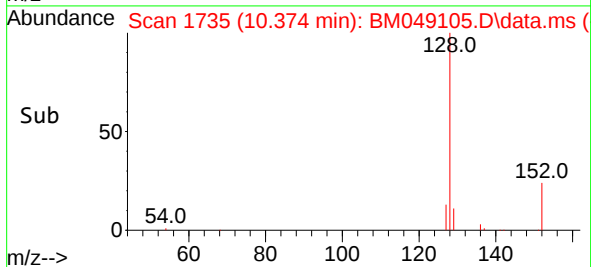
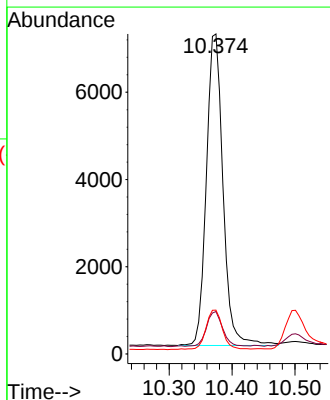
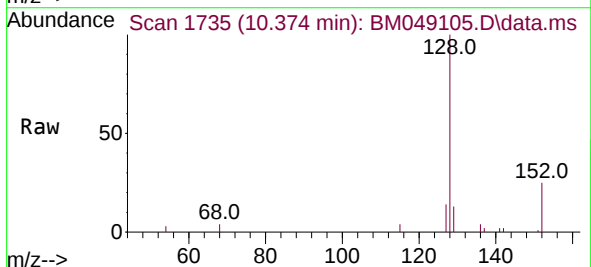
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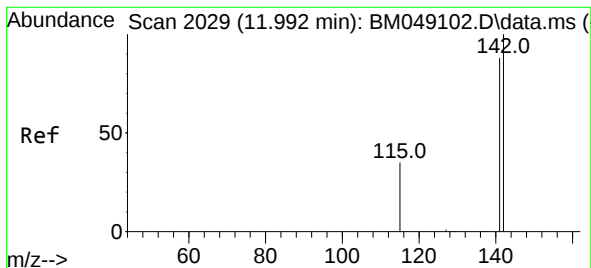
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Naphthalene
Concen: 0.248 ng/ul
RT: 10.374 min Scan# 1735
Delta R.T. -0.005 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01

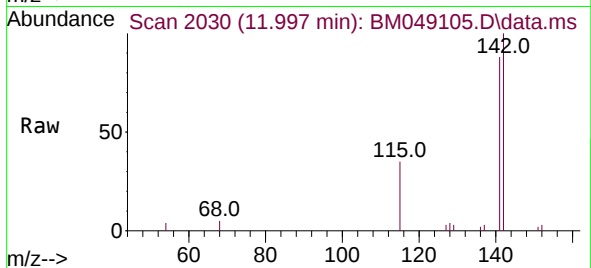
Tgt Ion:128 Resp: 13136
Ion Ratio Lower Upper
128 100
129 13.2 9.7 14.5
127 13.7 10.6 16.0





#7
2-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 11.997 min Scan# 2029
Delta R.T. -0.005 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01

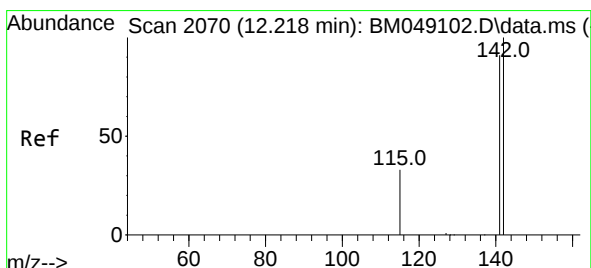
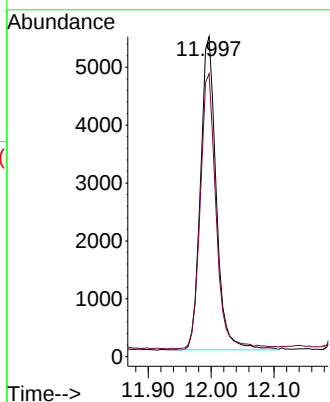
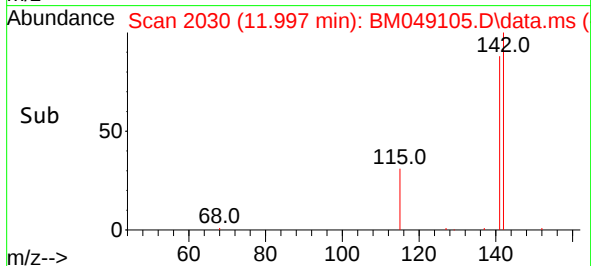
Instrument :
BNA_M
ClientSampleId :
E28Y9MS



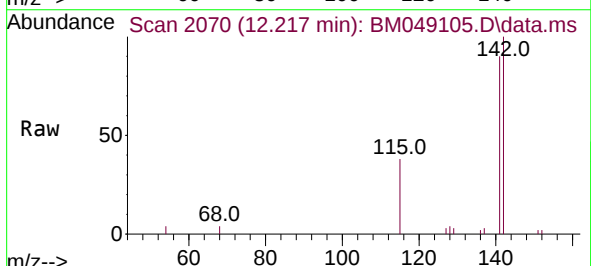
Tgt Ion:142 Resp: 9414
Ion Ratio Lower Upper
142 100
141 88.7 71.7 107.5

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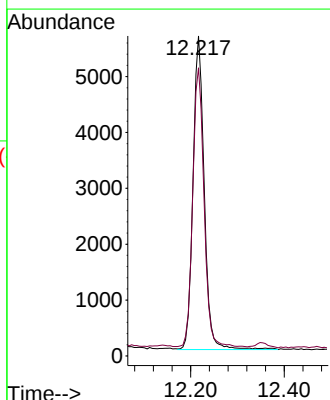
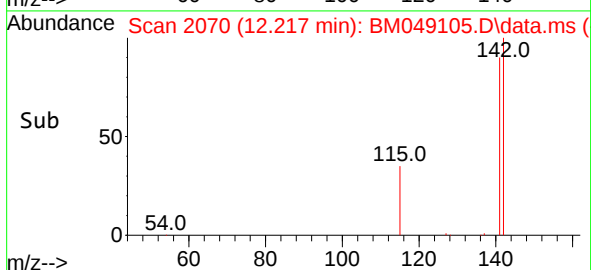
Reviewed By :Jagrut Upadhyay 12/23/2024
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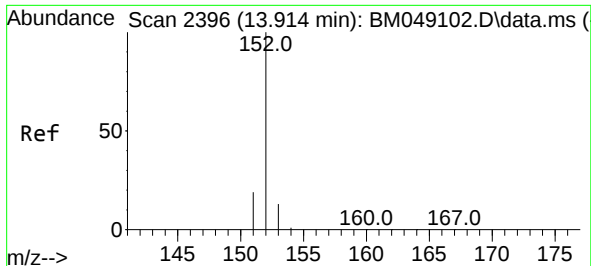


#8
1-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.217 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01



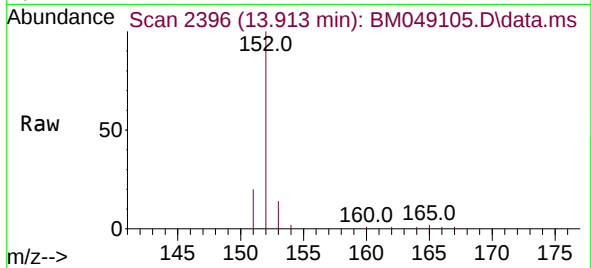
Tgt Ion:142 Resp: 9361
Ion Ratio Lower Upper
142 100
141 90.0 72.7 109.1





#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 13.913 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01

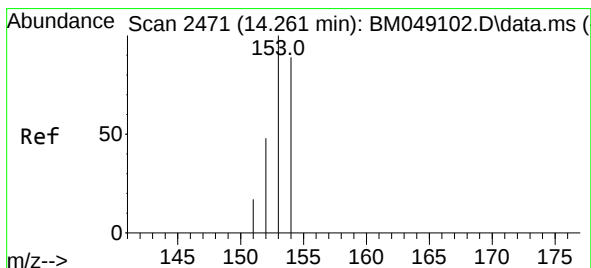
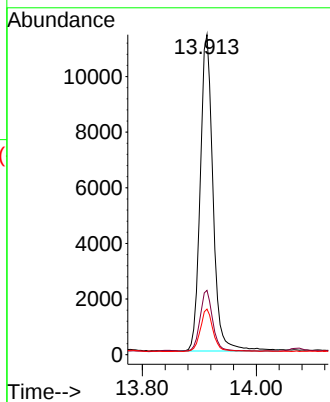
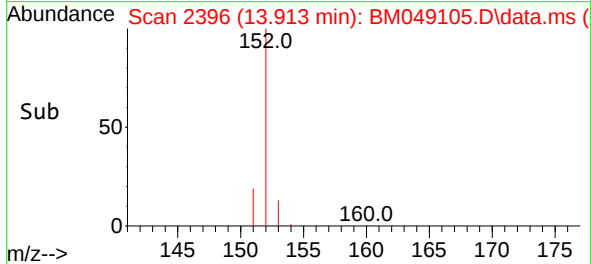
Instrument :
BNA_M
ClientSampleId :
E28Y9MS



Tgt Ion:152 Resp: 17720
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 14.3 11.0 16.6

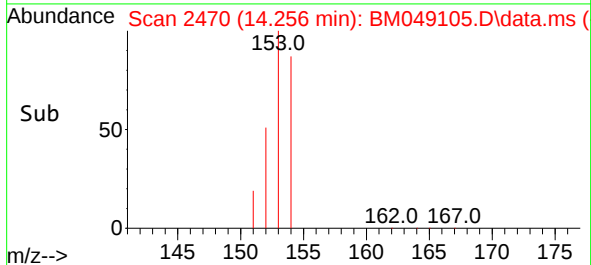
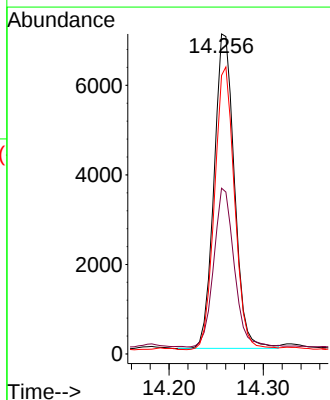
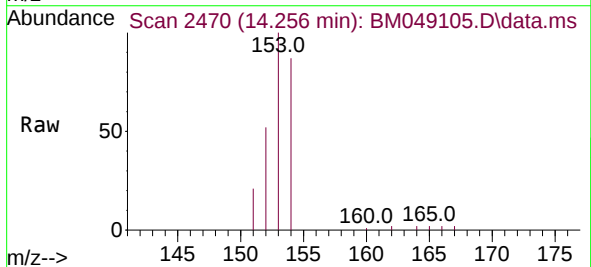
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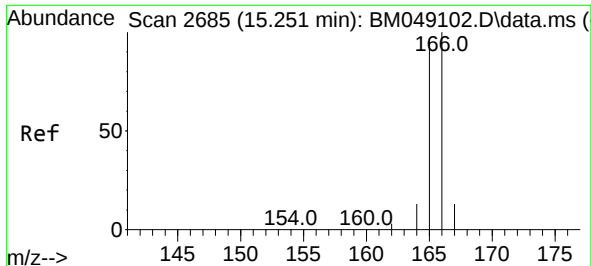
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#11
Acenaphthene
Concen: 0.284 ng/ul
RT: 14.256 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01

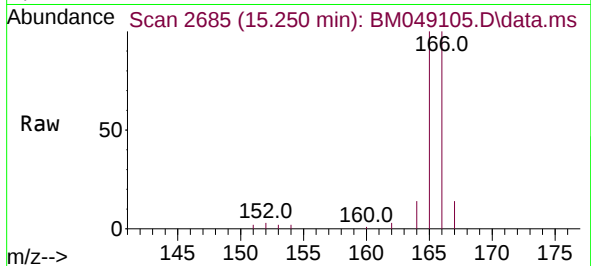
Tgt Ion:153 Resp: 10551
Ion Ratio Lower Upper
153 100
152 51.8 40.7 61.1
154 87.1 70.8 106.2





#12
Fluorene
Concen: 0.304 ng/ul
RT: 15.250 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01

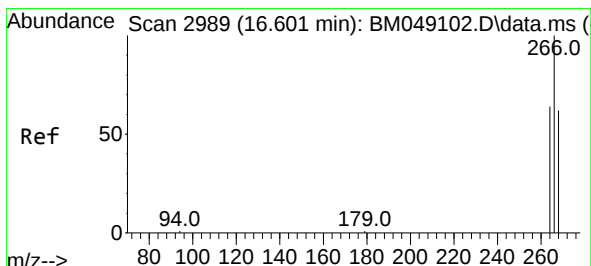
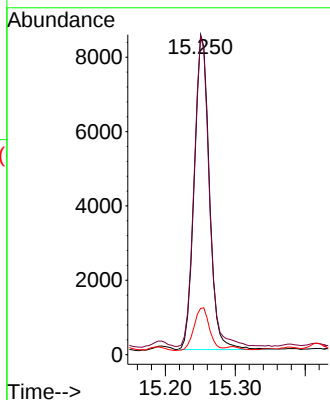
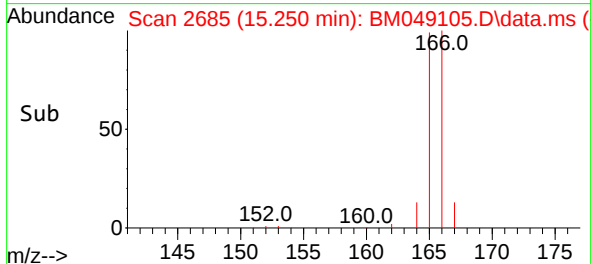
Instrument :
BNA_M
ClientSampleId :
E28Y9MS



Tgt Ion:166 Resp: 12734
Ion Ratio Lower Upper
166 100
165 99.7 79.7 119.5
167 14.5 11.4 17.0

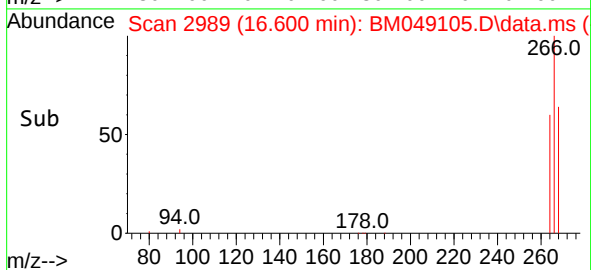
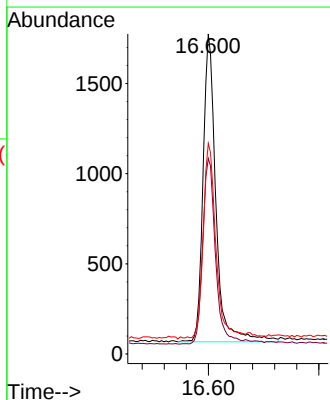
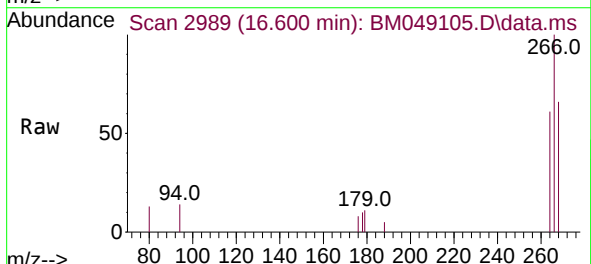
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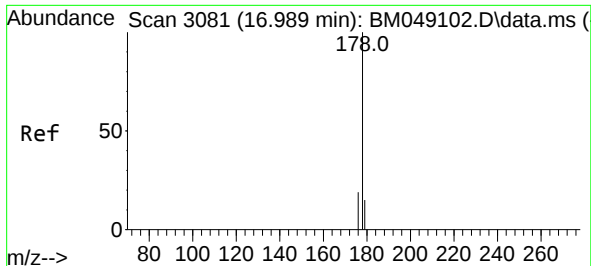
Reviewed By :Jagrut Upadhyay 12/23/2024
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#14
Pentachlorophenol
Concen: 0.388 ng/ul
RT: 16.600 min Scan# 2989
Delta R.T. -0.008 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01

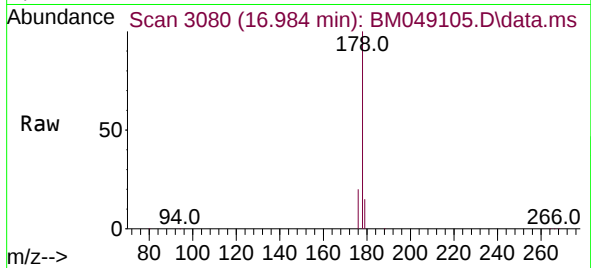
Tgt Ion:266 Resp: 2761
Ion Ratio Lower Upper
266 100
264 61.2 48.3 72.5
268 63.1 47.5 71.3





#15
Phenanthrene
Concen: 1.457 ng/ul
RT: 16.984 min Scan# 3081
Delta R.T. -0.008 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01

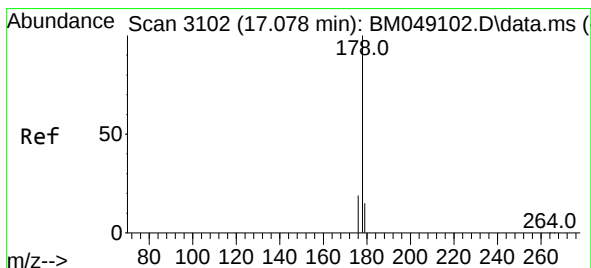
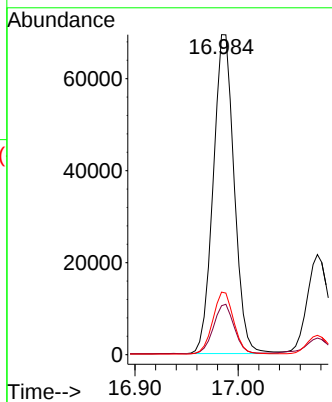
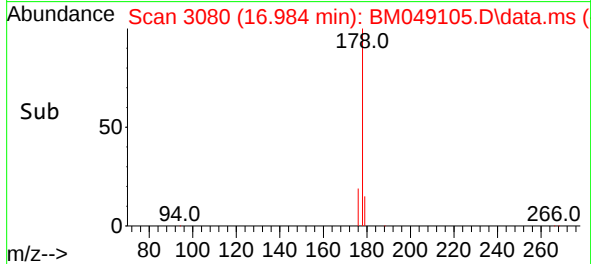
Instrument :
BNA_M
ClientSampleId :
E28Y9MS



Tgt Ion:178 Resp: 97850
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.6 16.2 24.2

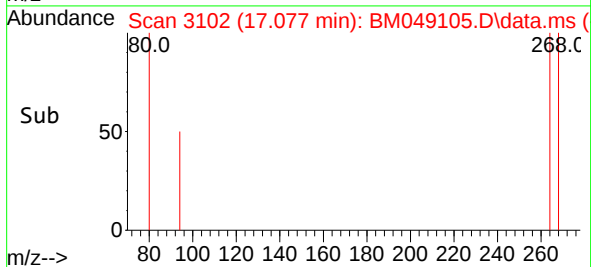
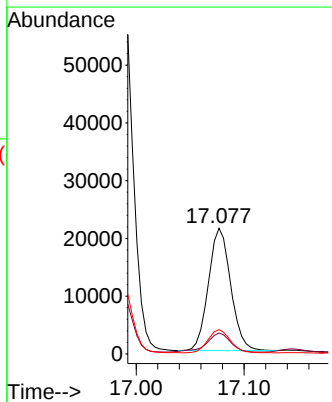
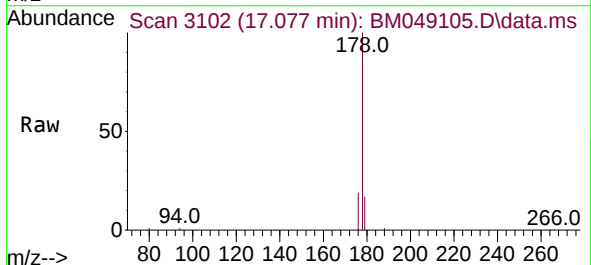
Manual Integrations
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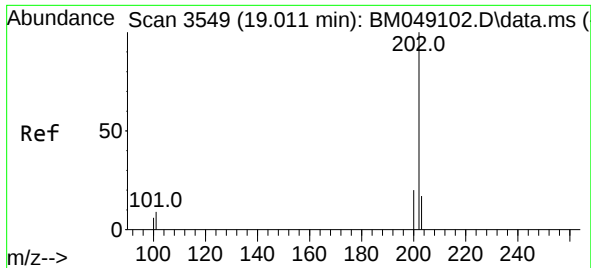
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.492 ng/ul
RT: 17.077 min Scan# 3102
Delta R.T. -0.008 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01

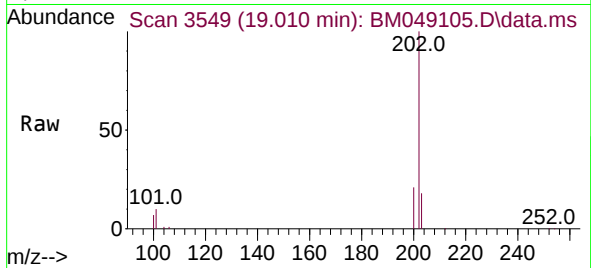
Tgt Ion:178 Resp: 30334
Ion Ratio Lower Upper
178 100
179 16.7 12.9 19.3
176 19.3 15.3 22.9





#19
Fluoranthene
Concen: 2.074 ng/u1
RT: 19.010 min Scan# 3549
Delta R.T. -0.005 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01

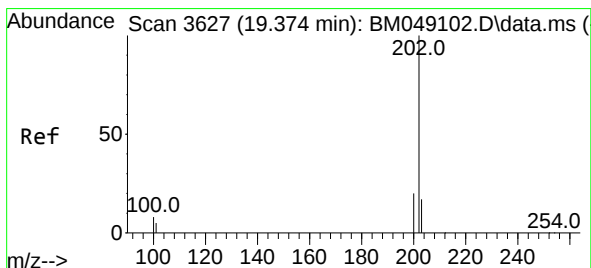
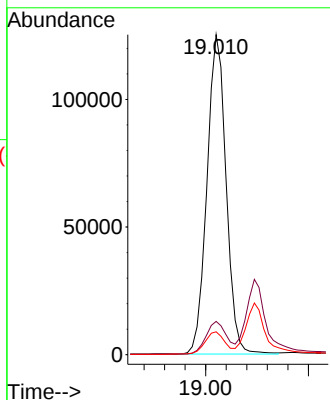
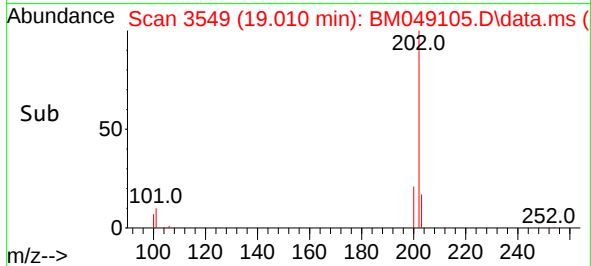
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BNA_M
ClientSampleId :
E28Y9MS



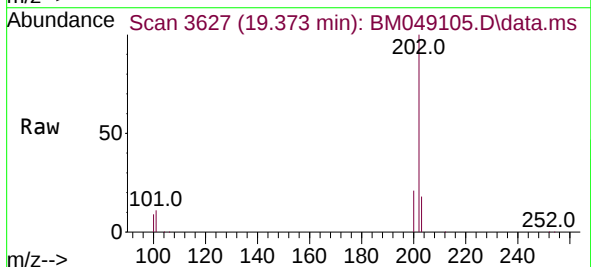
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Ion Ratio Lower Upper
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101 10.4 7.6 11.4
100 7.2 5.5 8.3

Manual Integrations
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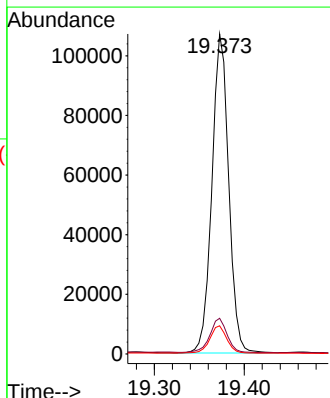
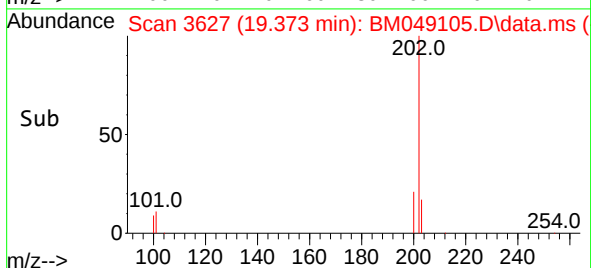
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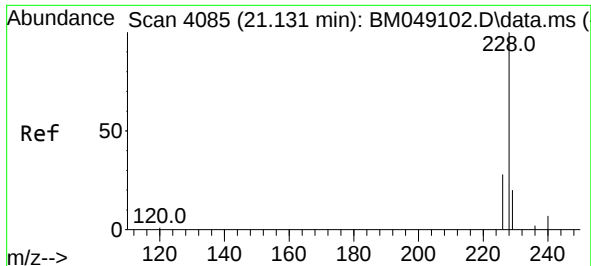


#20
Pyrene
Concen: 1.666 ng/u1
RT: 19.373 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01



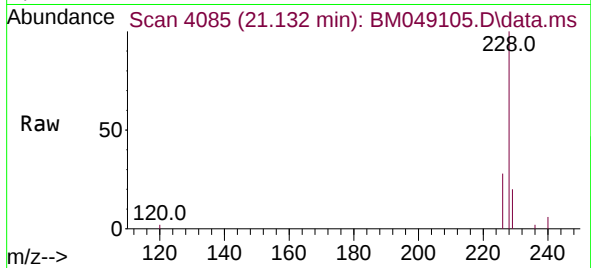
Tgt Ion:202 Resp: 138523
Ion Ratio Lower Upper
202 100
101 11.2 8.9 13.3
100 8.8 6.9 10.3





#21
Benzo(a)anthracene
Concen: 1.075 ng/ul
RT: 21.132 min Scan# 4085
Delta R.T. 0.000 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01

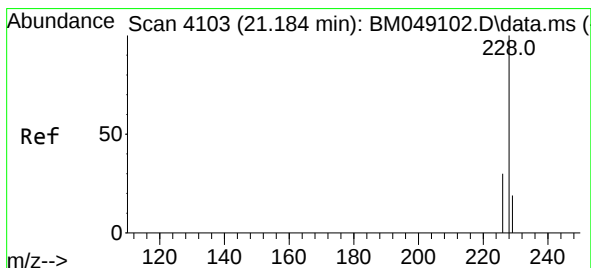
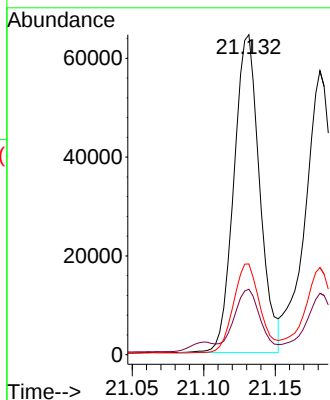
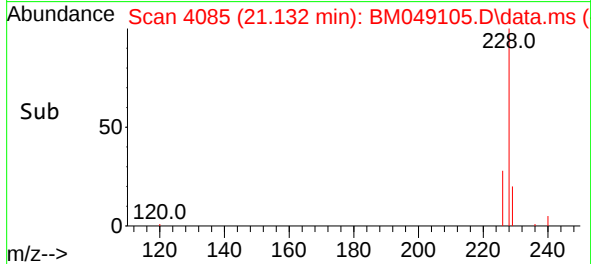
Instrument :
BNA_M
ClientSampleId :
E28Y9MS



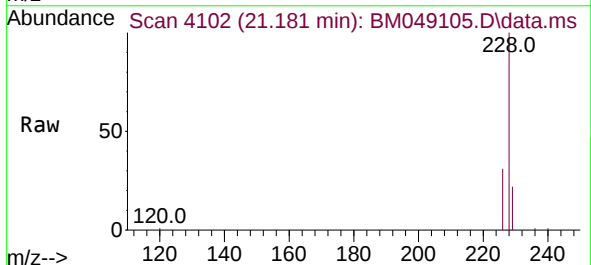
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Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.4 22.6 34.0

Manual Integrations
APPROVED

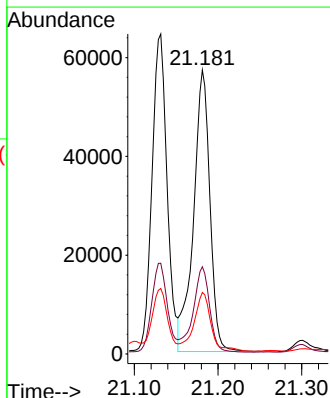
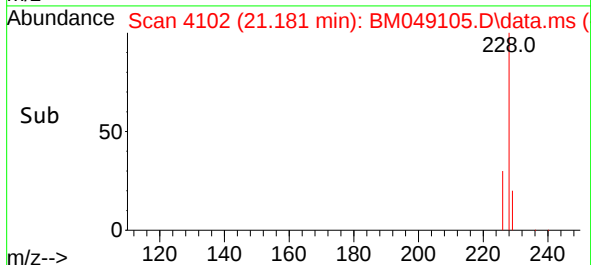
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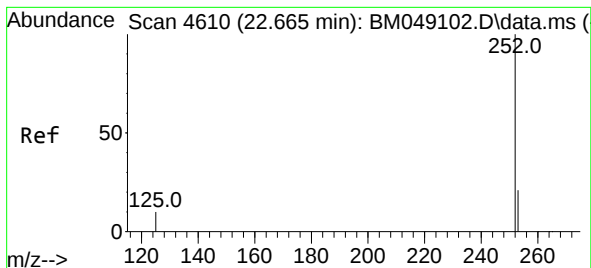


#22
Chrysene
Concen: 0.961 ng/ul
RT: 21.181 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01



Tgt Ion:228 Resp: 77378
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 21.6 15.8 23.8





#24

Benzo(b)fluoranthene

Concen: 1.228 ng/ul

RT: 22.663 min Scan# 4610

Delta R.T. 0.000 min

Lab File: BM049105.D

Acq: 20 Dec 2024 18:01

Instrument :

BNA_M

ClientSampleId :

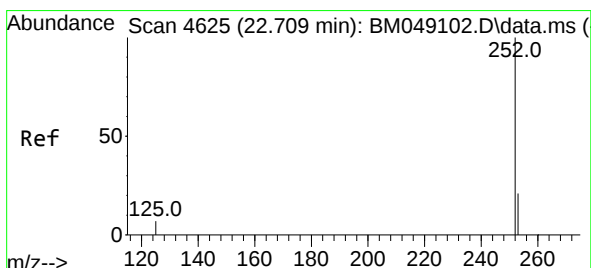
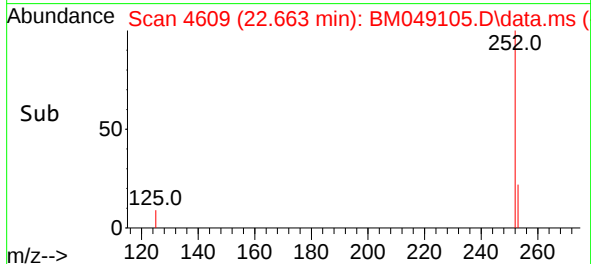
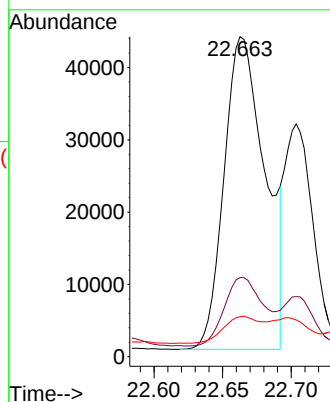
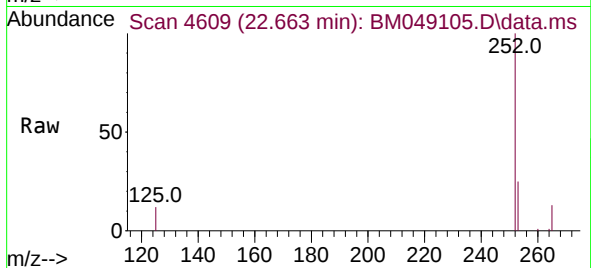
E28Y9MS

Tgt Ion:252	Resp:	90135
Ion Ratio	Lower	Upper
252	100	
253	24.7	0.0 52.6
125	12.5	0.0 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#25

Benzo(k)fluoranthene

Concen: 0.558 ng/ul

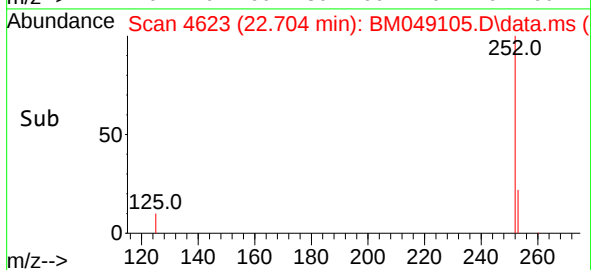
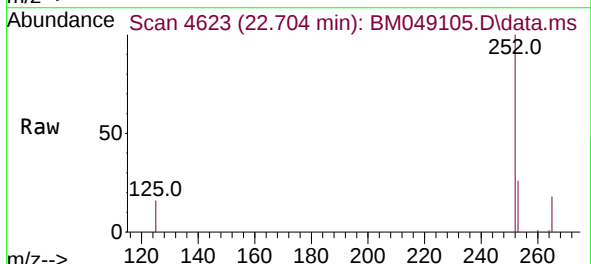
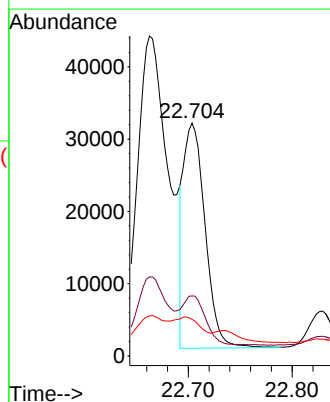
RT: 22.704 min Scan# 4623

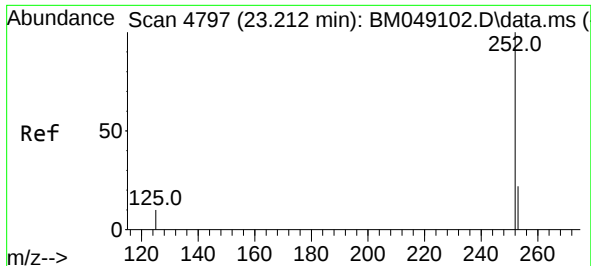
Delta R.T. -0.003 min

Lab File: BM049105.D

Acq: 20 Dec 2024 18:01

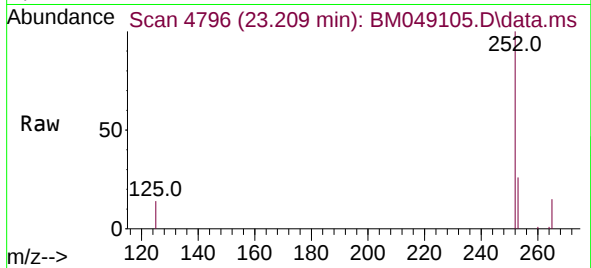
Tgt Ion:252	Resp:	44936
Ion Ratio	Lower	Upper
252	100	
253	25.8	21.3 31.9
125	15.7	12.6 18.8





#26
Benzo(a)pyrene
Concen: 0.908 ng/ul m
RT: 23.209 min Scan# 4796
Delta R.T. 0.000 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01

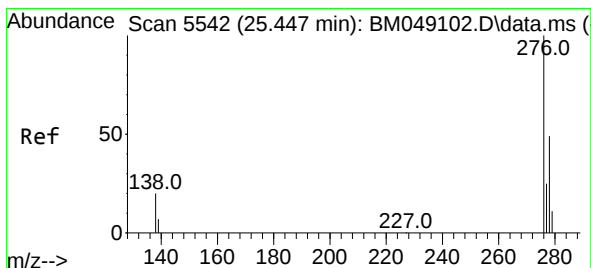
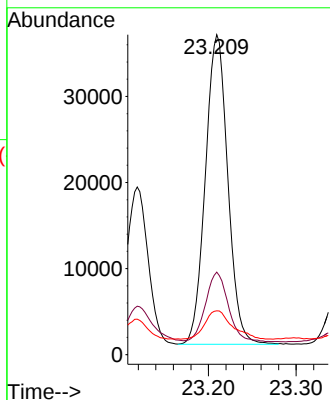
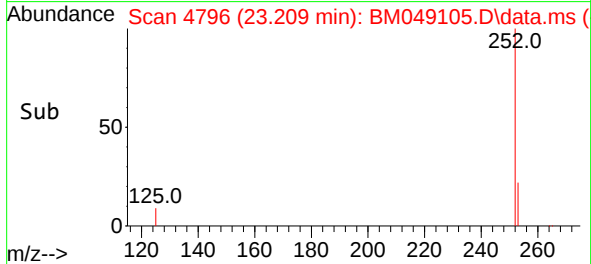
Instrument :
BNA_M
ClientSampleId :
E28Y9MS



Tgt Ion:252 Resp: 6393
Ion Ratio Lower Upper
252 100
253 25.8 22.4 33.6
125 13.7 14.8 22.2

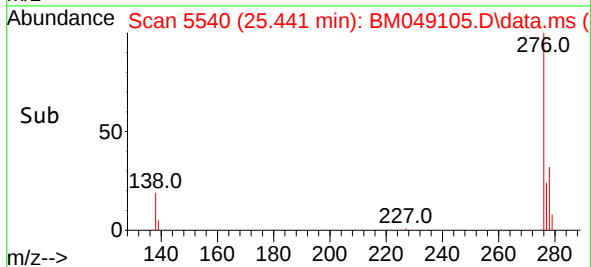
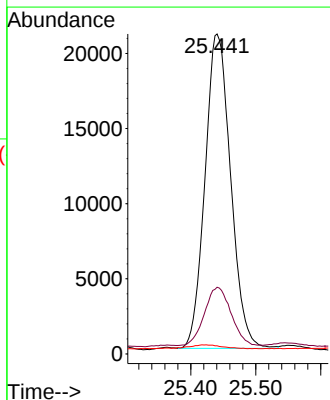
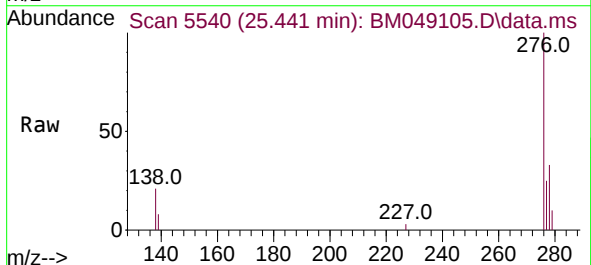
Manual Integrations
APPROVED

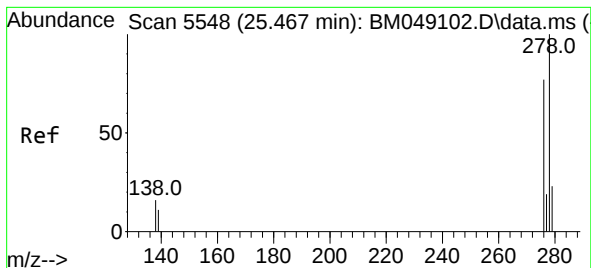
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.577 ng/ul
RT: 25.441 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM049105.D
Acq: 20 Dec 2024 18:01

Tgt Ion:276 Resp: 57462
Ion Ratio Lower Upper
276 100
138 20.0 17.4 26.2
227 1.6 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.373 ng/ul

RT: 25.461 min Scan# 51

Delta R.T. -0.007 min

Lab File: BM049105.D

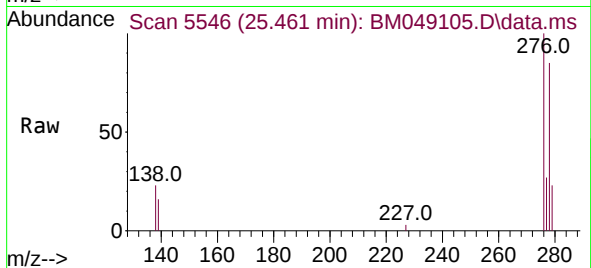
Acq: 20 Dec 2024 18:01

Instrument :

BNA_M

ClientSampleId :

E28Y9MS



Tgt Ion:278 Resp: 2885

Ion Ratio Lower Upper

278 100

139 18.5 13.5 20.3

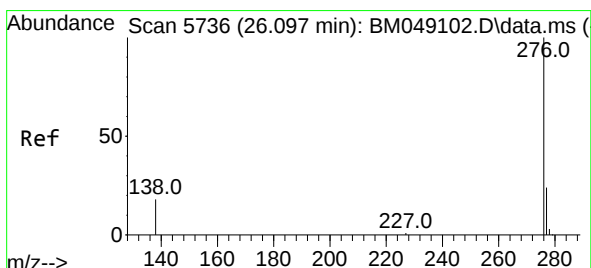
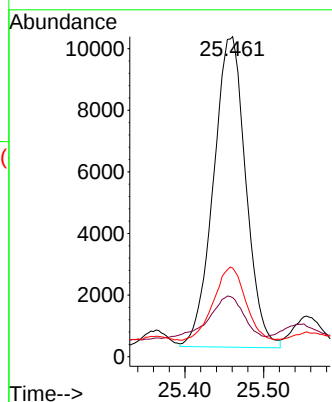
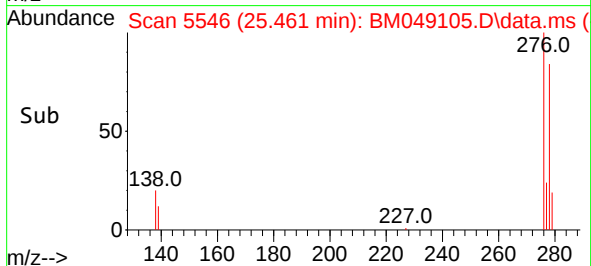
279 27.7 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024

Supervised By :mohammad ahmed 12/24/2024



#29

Benzo(g,h,i)perylene

Concen: 0.668 ng/ul

RT: 26.095 min Scan# 5735

Delta R.T. 0.000 min

Lab File: BM049105.D

Acq: 20 Dec 2024 18:01

Tgt Ion:276 Resp: 53515

Ion Ratio Lower Upper

276 100

138 20.7 16.7 25.1

277 24.6 19.9 29.9

