

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049097.D
 Acq On : 20 Dec 2024 12:39
 Operator : RC/JU
 Sample : P5265-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z1

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 13:54:42 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	6472	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	19506	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.195	164	10830	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	24551m	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	17539m	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	17992m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	33058	4.429	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	6937	0.265	ng/ul	0.00
18) Fluoranthene-d10	18.978	212	11260m	0.226	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	3110	0.064	ng/ul#	91
7) 2-Methylnaphthalene	11.997	142	2667	0.086	ng/ul	97
8) 1-Methylnaphthalene	12.217	142	2780	0.088	ng/ul	98
10) Acenaphthylene	13.913	152	9248	0.206	ng/ul#	94
11) Acenaphthene	14.256	153	9123	0.278	ng/ul	97
12) Fluorene	15.250	166	7514	0.203	ng/ul#	98
15) Phenanthrene	16.984	178	649478m	10.129	ng/ul	
16) Anthracene	17.077	178	23838m	0.405	ng/ul	
19) Fluoranthene	19.010	202	1514357m	23.880	ng/ul	
20) Pyrene	19.373	202	1338568m	19.793	ng/ul	
21) Benzo(a)anthracene	21.129	228	305845m	5.013	ng/ul	
22) Chrysene	21.178	228	492689m	7.525	ng/ul	
24) Benzo(b)fluoranthene	22.663	252	711833m	12.384	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	267492m	4.241	ng/ul	
26) Benzo(a)pyrene	23.209	252	427230m	7.750	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.440	276	469121m	6.013	ng/ul	
28) Dibenzo(a,h)anthracene	25.451	278	76167m	1.257	ng/ul	
29) Benzo(g,h,i)perylene	26.094	276	517470m	8.248	ng/ul	

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

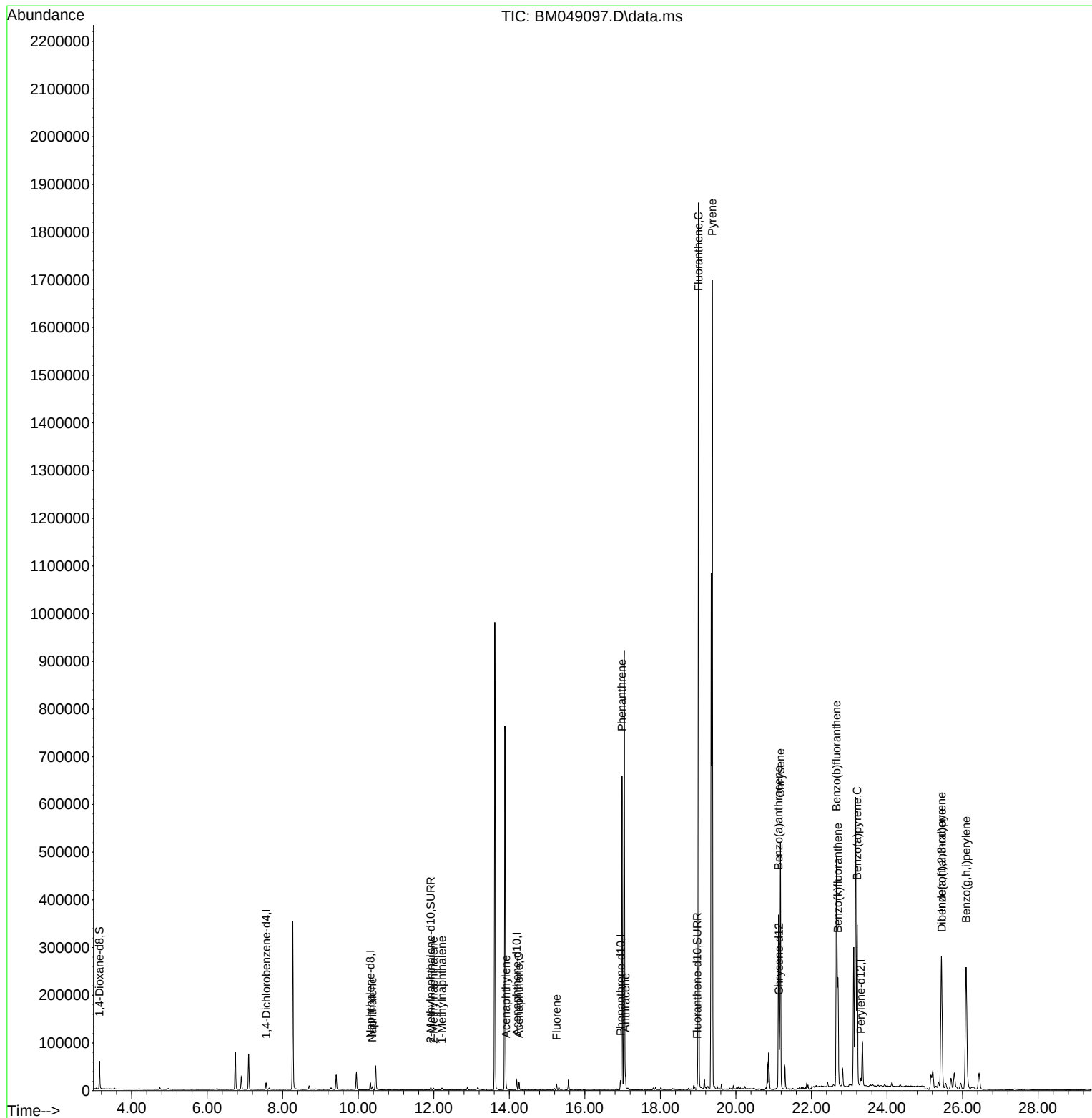
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
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Sample : P5265-06
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ALS Vial : 6 Sample Multiplier: 1

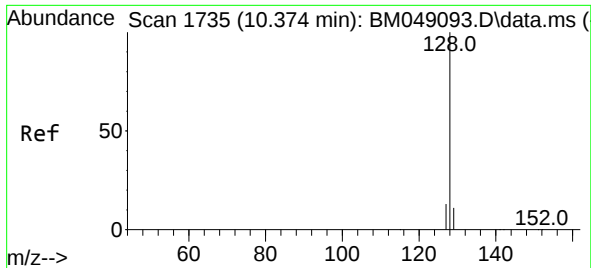
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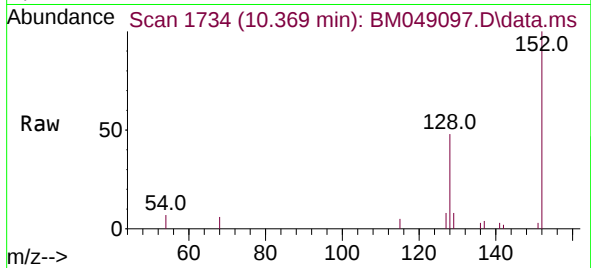
Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.369 min Scan# 1735
Delta R.T. -0.011 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39

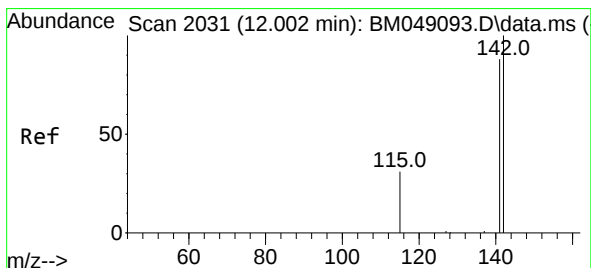
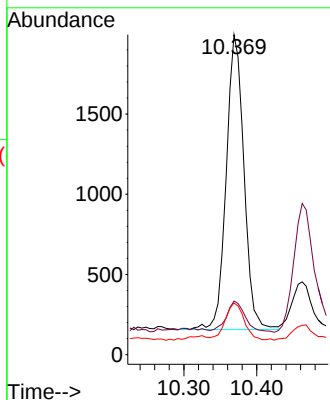
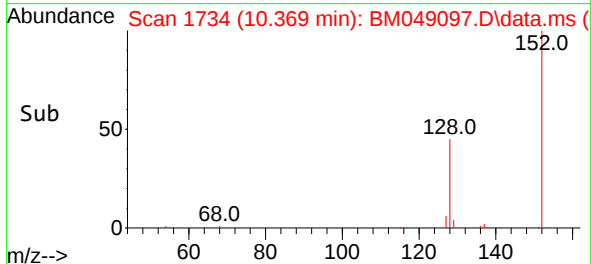
Instrument :
BNA_M
ClientSampleId :
E28Z1



Tgt Ion:128 Resp: 3110
Ion Ratio Lower Upper
128 100
129 16.7 9.7 14.5
127 16.1 10.6 16.0

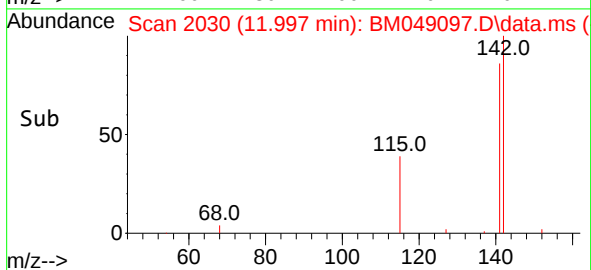
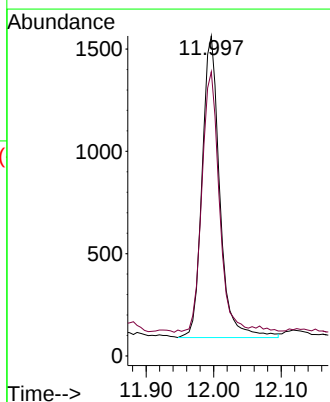
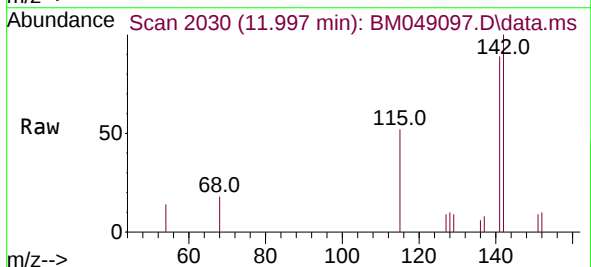
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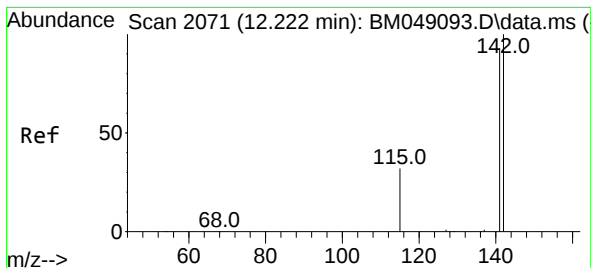
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 11.997 min Scan# 2030
Delta R.T. -0.005 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39

Tgt Ion:142 Resp: 2667
Ion Ratio Lower Upper
142 100
141 86.8 71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.088 ng/ul

RT: 12.217 min Scan# 2071

Delta R.T. -0.005 min

Lab File: BM049097.D

Acq: 20 Dec 2024 12:39

Instrument :

BNA_M

ClientSampleId :

E28Z1

Tgt Ion:142 Resp: 2780

Ion Ratio Lower Upper

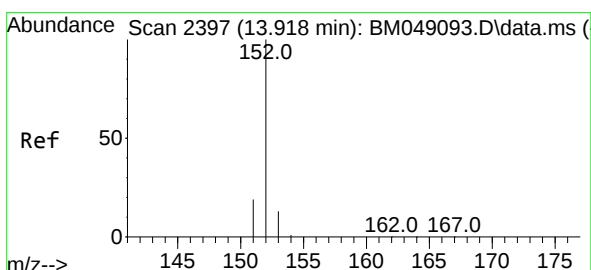
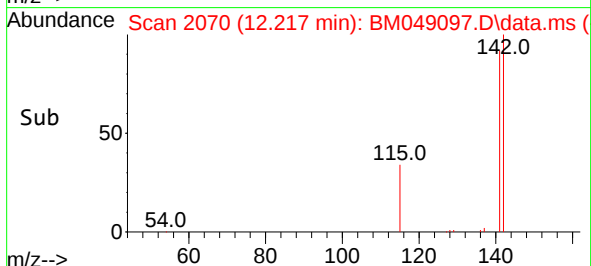
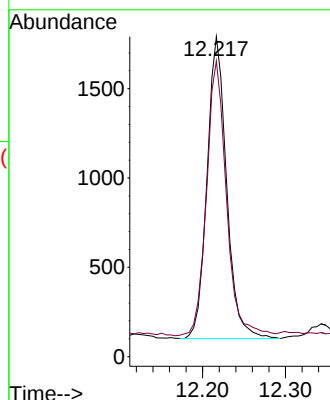
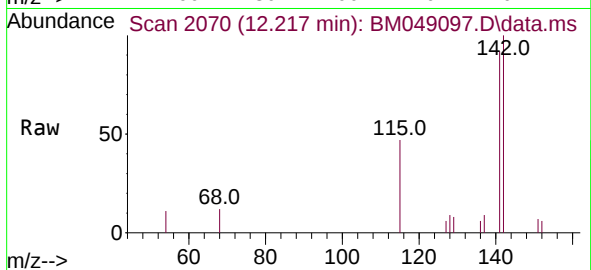
142 100

141 92.3 72.7 109.1

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#10

Acenaphthylene

Concen: 0.206 ng/ul

RT: 13.913 min Scan# 2396

Delta R.T. -0.005 min

Lab File: BM049097.D

Acq: 20 Dec 2024 12:39

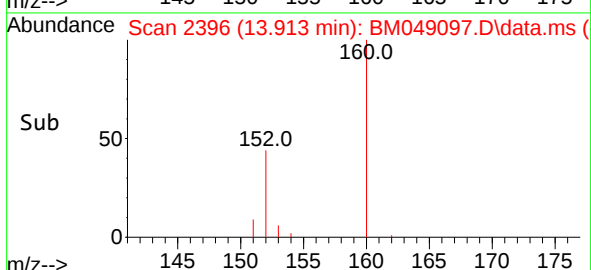
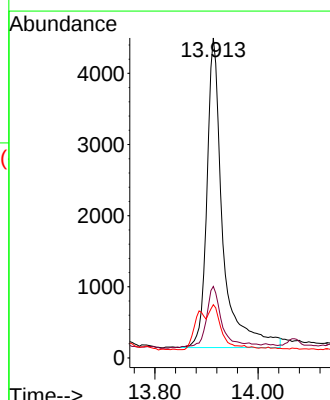
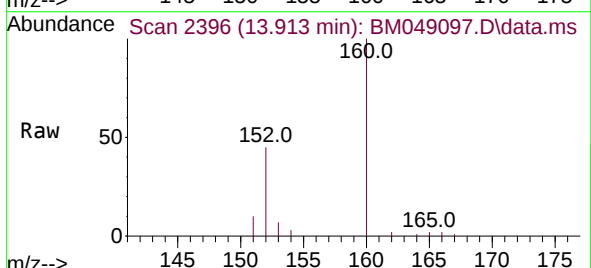
Tgt Ion:152 Resp: 9248

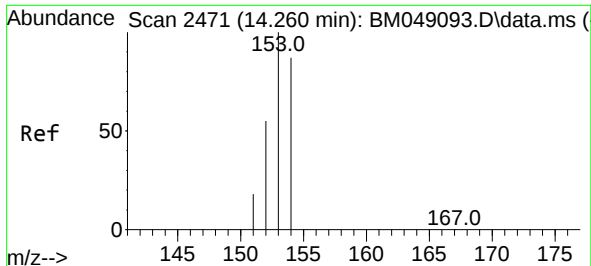
Ion Ratio Lower Upper

152 100

151 22.3 16.0 24.0

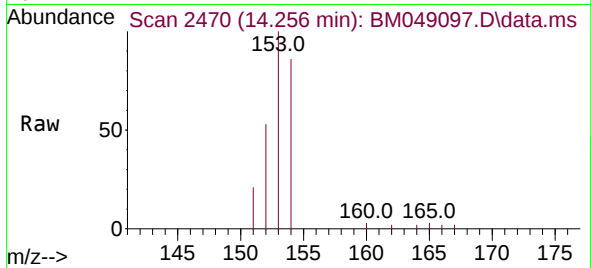
153 16.6 11.0 16.6#





#11
Acenaphthene
Concen: 0.278 ng/ul
RT: 14.256 min Scan# 2471
Delta R.T. -0.009 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39

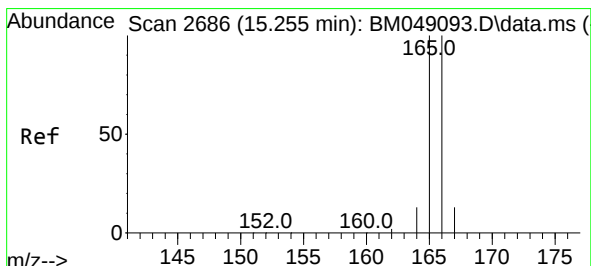
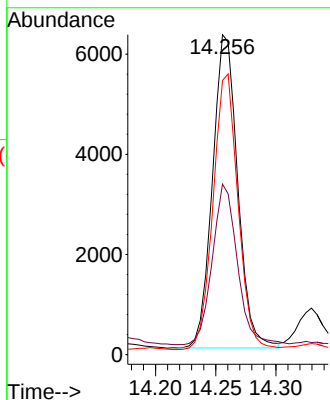
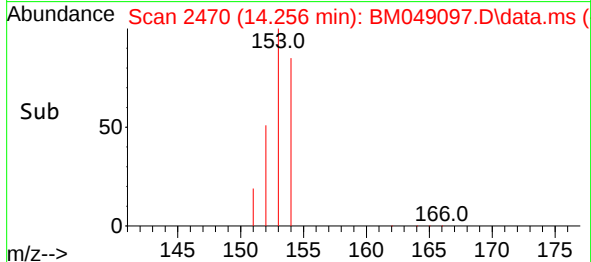
Instrument :
BNA_M
ClientSampleId :
E28Z1



Tgt Ion:153 Resp: 912
Ion Ratio Lower Upper
153 100
152 53.3 40.7 61.1
154 85.7 70.8 106.2

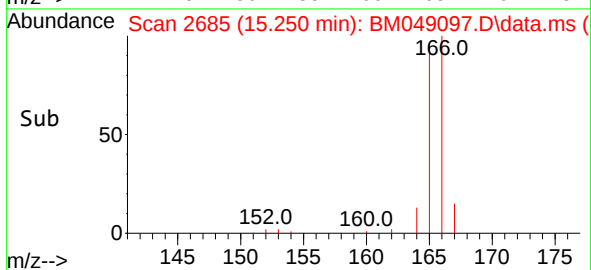
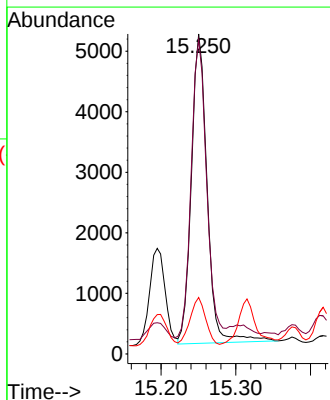
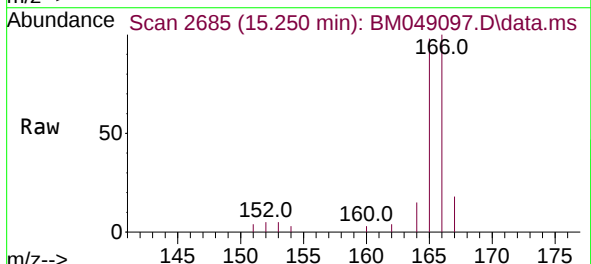
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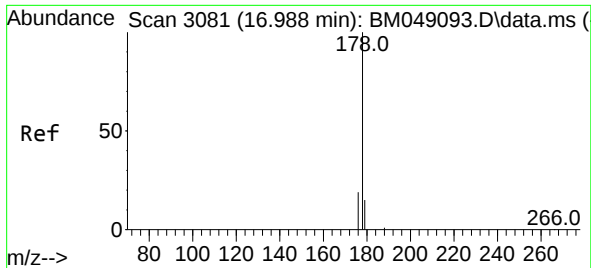
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.203 ng/ul
RT: 15.250 min Scan# 2685
Delta R.T. -0.005 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39

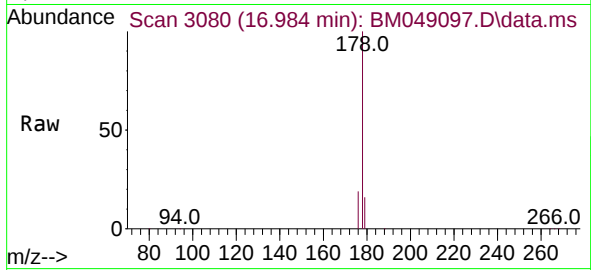
Tgt Ion:166 Resp: 7514
Ion Ratio Lower Upper
166 100
165 98.2 79.7 119.5
167 17.7 11.4 17.0#





#15
Phenanthrene
Concen: 10.129 ng/ul m
RT: 16.984 min Scan# 3081
Delta R.T. -0.008 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39

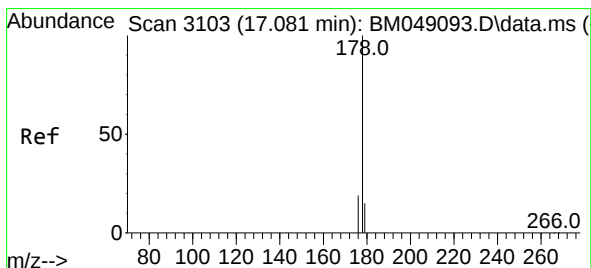
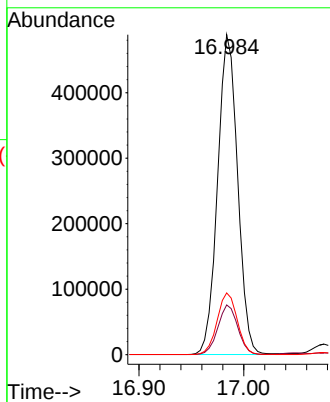
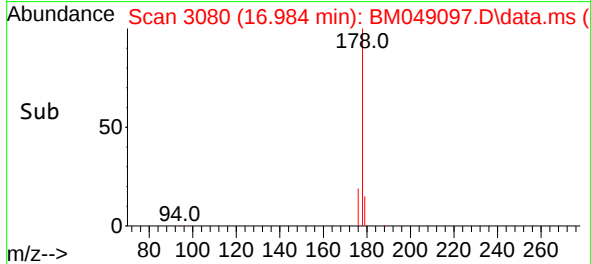
Instrument :
BNA_M
ClientSampleId :
E28Z1



Tgt Ion:178 Resp: 649478
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.3 16.2 24.2

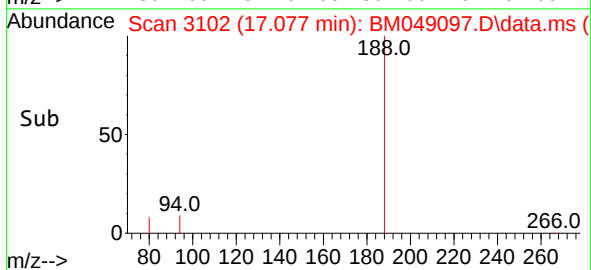
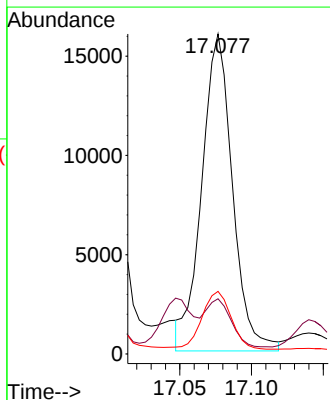
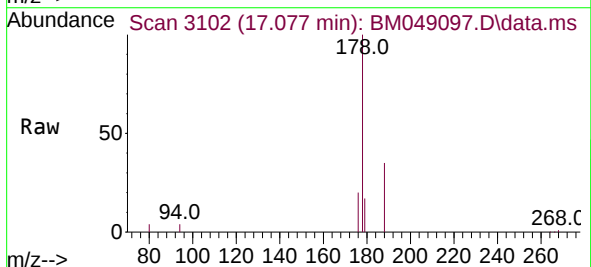
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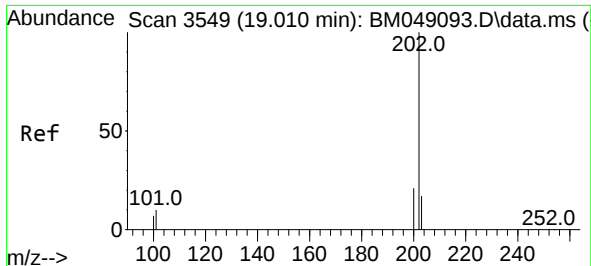
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.405 ng/ul m
RT: 17.077 min Scan# 3102
Delta R.T. -0.008 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39

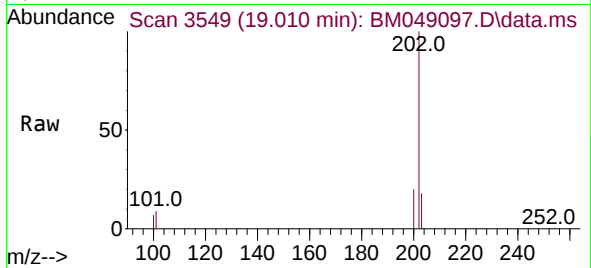
Tgt Ion:178 Resp: 23838
Ion Ratio Lower Upper
178 100
179 17.2 12.9 19.3
176 19.5 15.3 22.9





#19
Fluoranthene
Concen: 23.880 ng/ul m
RT: 19.010 min Scan# 3549
Delta R.T. -0.005 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39

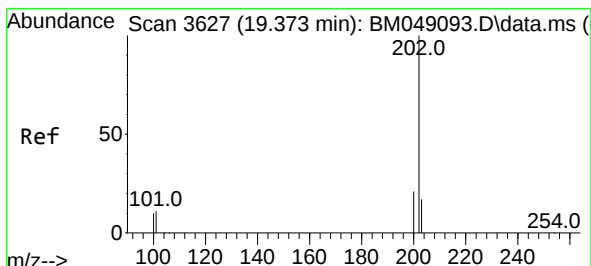
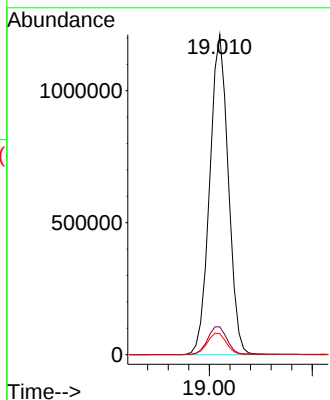
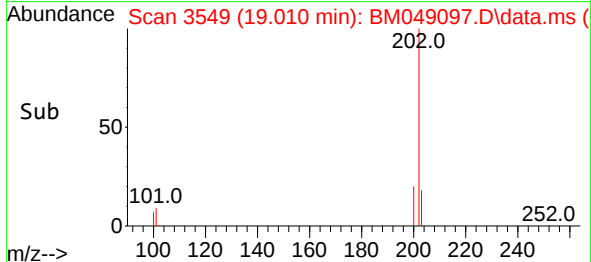
Instrument :
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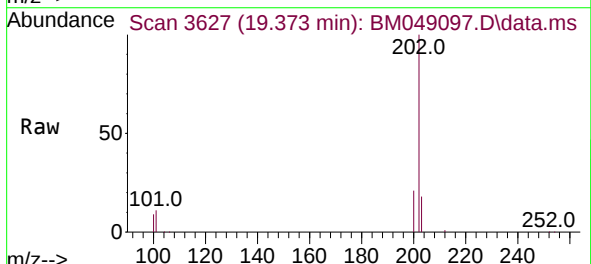
Tgt Ion:202 Resp: 151435
Ion Ratio Lower Upper
202 100
101 8.7 7.6 11.4
100 6.5 5.5 8.3

Manual Integrations
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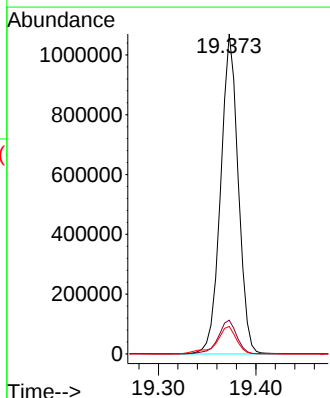
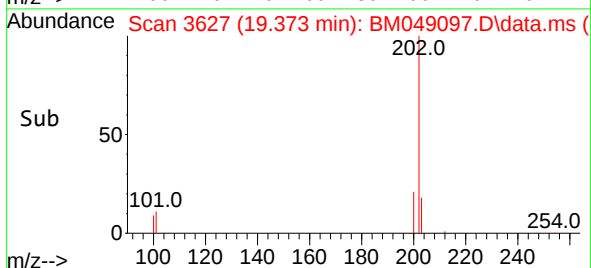
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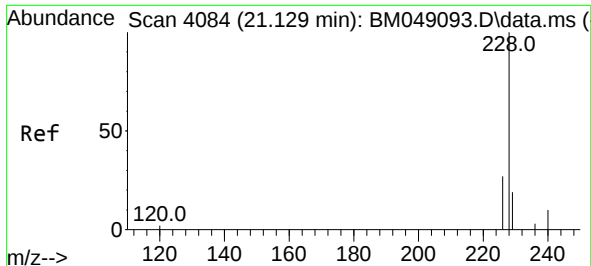


#20
Pyrene
Concen: 19.793 ng/ul m
RT: 19.373 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39



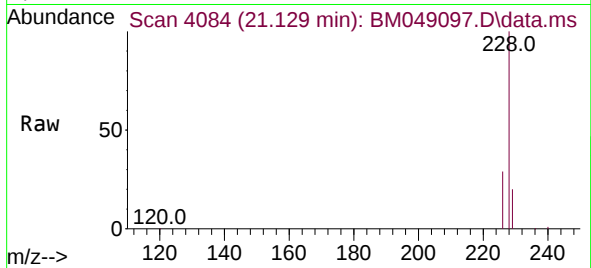
Tgt Ion:202 Resp: 1338568
Ion Ratio Lower Upper
202 100
101 10.6 8.9 13.3
100 8.6 6.9 10.3





#21
Benzo(a)anthracene
Concen: 5.013 ng/ul m
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39

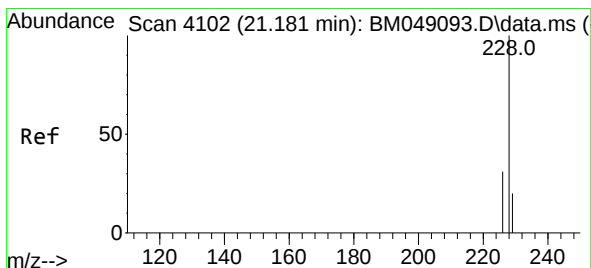
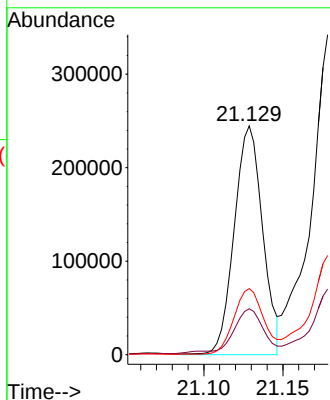
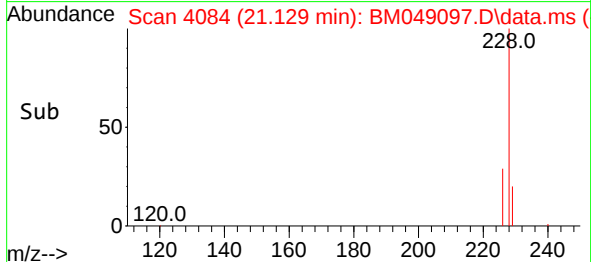
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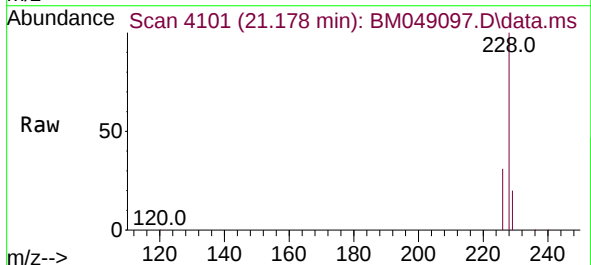
Tgt Ion:228 Resp: 30584
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 28.9 22.6 34.0

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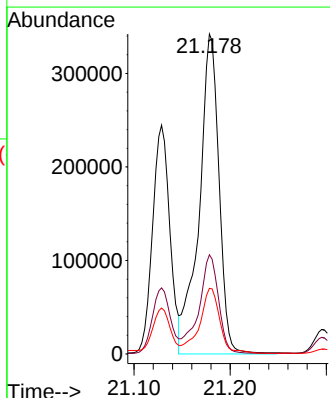
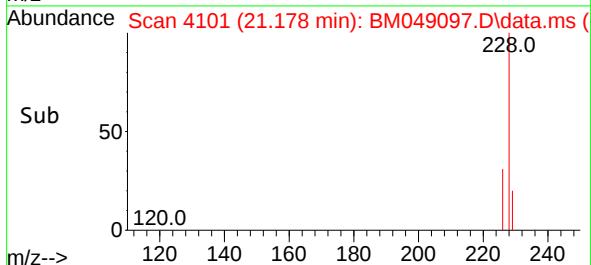
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

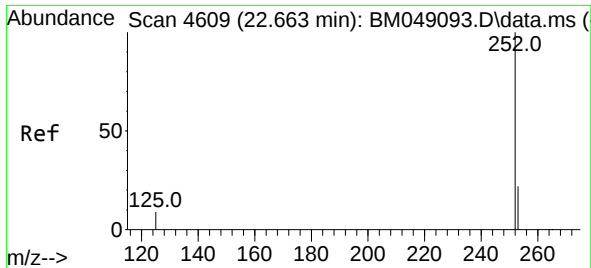


#22
Chrysene
Concen: 7.525 ng/ul m
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39



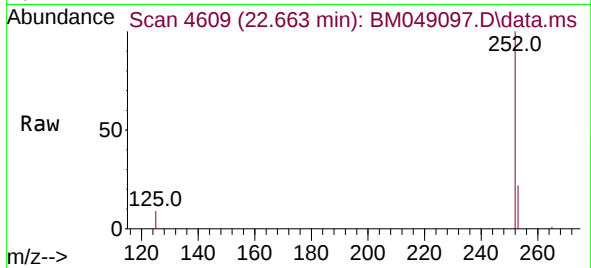
Tgt Ion:228 Resp: 492689
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 20.5 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 12.384 ng/ul m
RT: 22.663 min Scan# 4609
Delta R.T. 0.000 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39

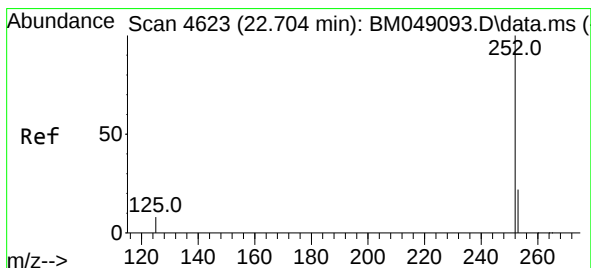
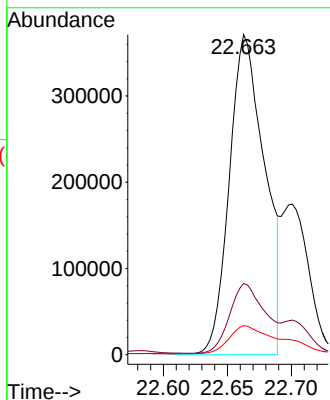
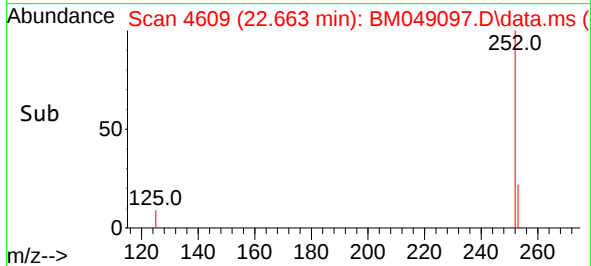
Instrument :
BNA_M
ClientSampleId :
E28Z1



Tgt Ion:252 Resp: 711833
Ion Ratio Lower Upper
252 100
253 22.2 0.0 52.6
125 9.0 0.0 30.8

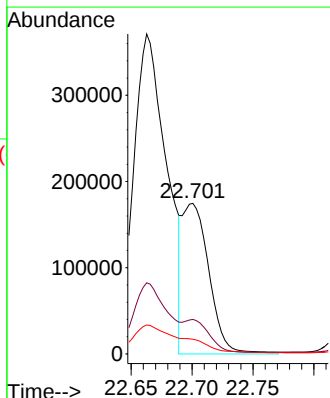
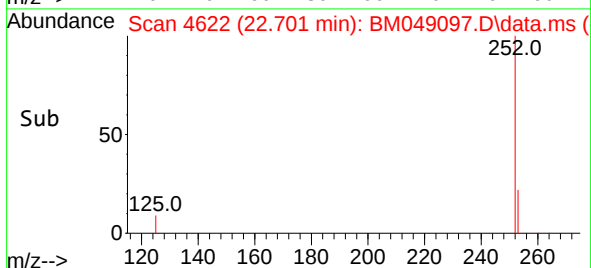
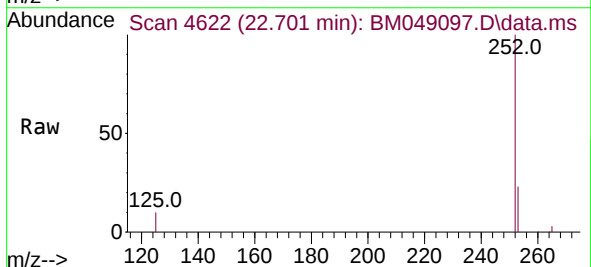
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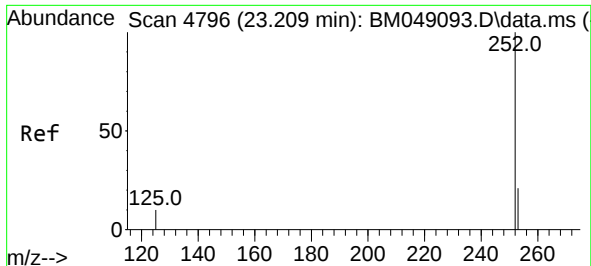
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 4.241 ng/ul m
RT: 22.701 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39

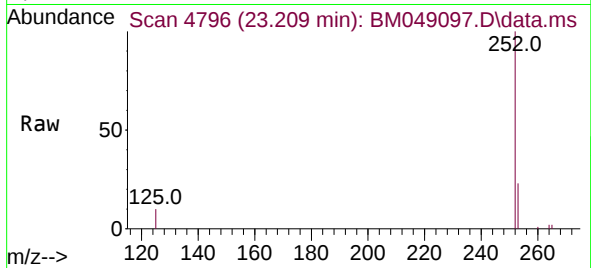
Tgt Ion:252 Resp: 267492
Ion Ratio Lower Upper
252 100
253 23.0 21.3 31.9
125 9.8 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 7.750 ng/ul m
RT: 23.209 min Scan# 4796
Delta R.T. 0.000 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39

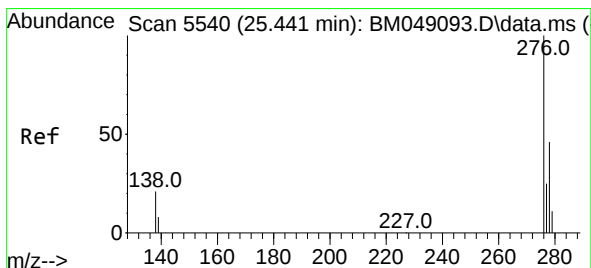
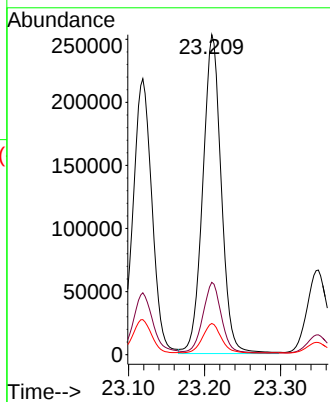
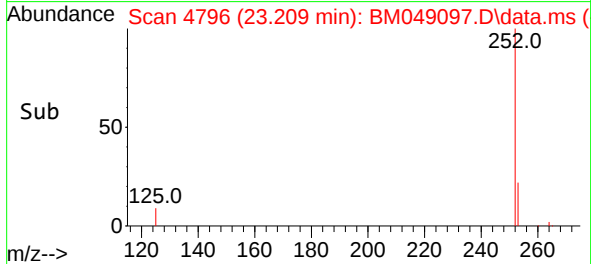
Instrument :
BNA_M
ClientSampleId :
E28Z1



Tgt Ion:252 Resp: 427230
Ion Ratio Lower Upper
252 100
253 22.6 22.4 33.6
125 9.8 14.8 22.2

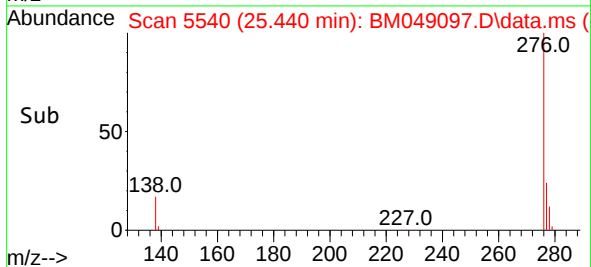
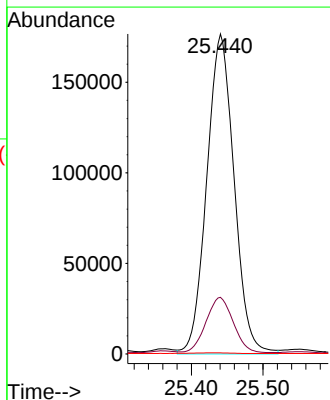
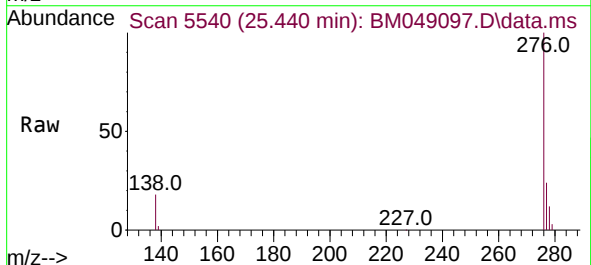
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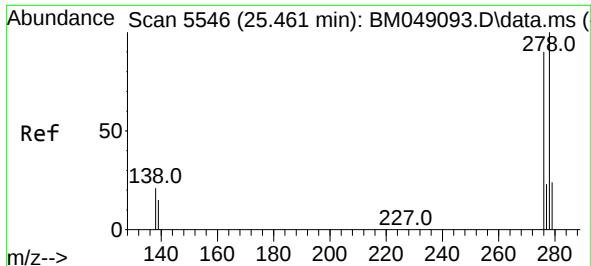
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.013 ng/ul m
RT: 25.440 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39

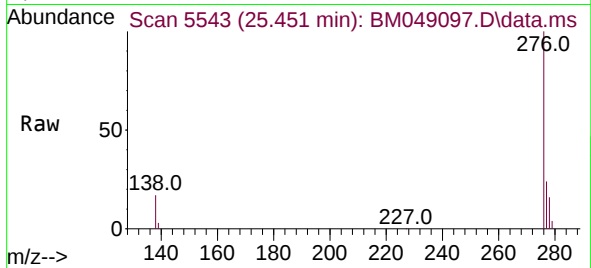
Tgt Ion:276 Resp: 469121
Ion Ratio Lower Upper
276 100
138 0.8 17.4 26.2#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 1.257 ng/ul m
RT: 25.451 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39

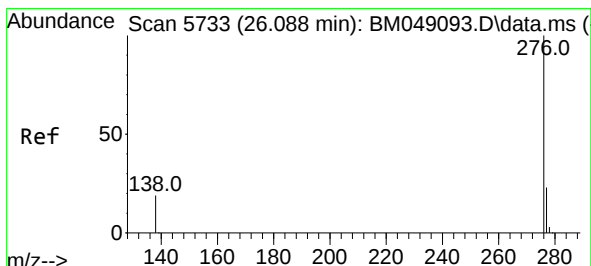
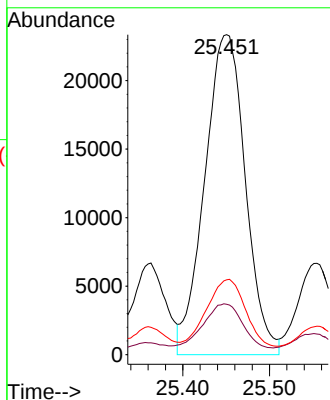
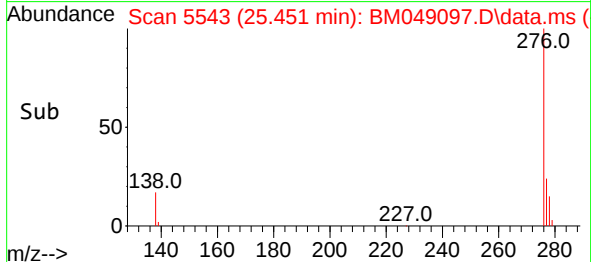
Instrument :
BNA_M
ClientSampleId :
E28Z1



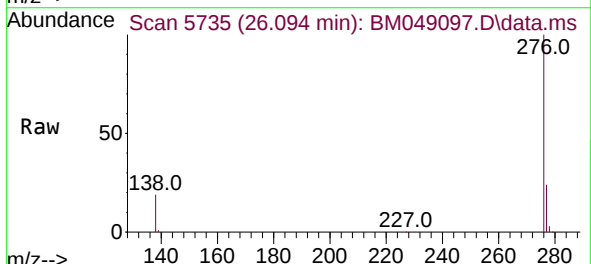
Tgt Ion:278 Resp: 7616
Ion Ratio Lower Upper
278 100
139 15.8 13.5 20.3
279 23.4 21.5 32.3

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 8.248 ng/ul m
RT: 26.094 min Scan# 5735
Delta R.T. 0.000 min
Lab File: BM049097.D
Acq: 20 Dec 2024 12:39



Tgt Ion:276 Resp: 517470
Ion Ratio Lower Upper
276 100
138 18.7 16.7 25.1
277 23.8 19.9 29.9

