

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049096.D
 Acq On : 20 Dec 2024 12:03
 Operator : RC/JU
 Sample : P5265-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y8

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 12:32:25 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	6635	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	19933	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	11031	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	25026m	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	17513m	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	18304m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	32875	4.296	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	7769	0.290	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	14253m	0.287	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.370	128	7404	0.148	ng/ul	97
7) 2-Methylnaphthalene	11.992	142	5864	0.186	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	4214	0.130	ng/ul	100
10) Acenaphthylene	13.910	152	179127	3.918	ng/ul	99
11) Acenaphthene	14.257	153	7111	0.213	ng/ul	97
12) Fluorene	15.252	166	11536	0.306	ng/ul#	96
15) Phenanthrene	16.985	178	210568m	3.221	ng/ul	
16) Anthracene	17.074	178	115216m	1.920	ng/ul	
19) Fluoranthene	19.007	202	1182244m	18.671	ng/ul	
20) Pyrene	19.374	202	1059058m	15.683	ng/ul	
21) Benzo(a)anthracene	21.128	228	621801m	10.207	ng/ul	
22) Chrysene	21.181	228	547770m	8.379	ng/ul	
24) Benzo(b)fluoranthene	22.665	252	740749m	12.667	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	264758m	4.126	ng/ul	
26) Benzo(a)pyrene	23.212	252	531878m	9.484	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.440	276	369779m	4.659	ng/ul	
28) Dibenzo(a,h)anthracene	25.450	278	92003m	1.492	ng/ul	
29) Benzo(g,h,i)perylene	26.091	276	350865m	5.497	ng/ul	

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

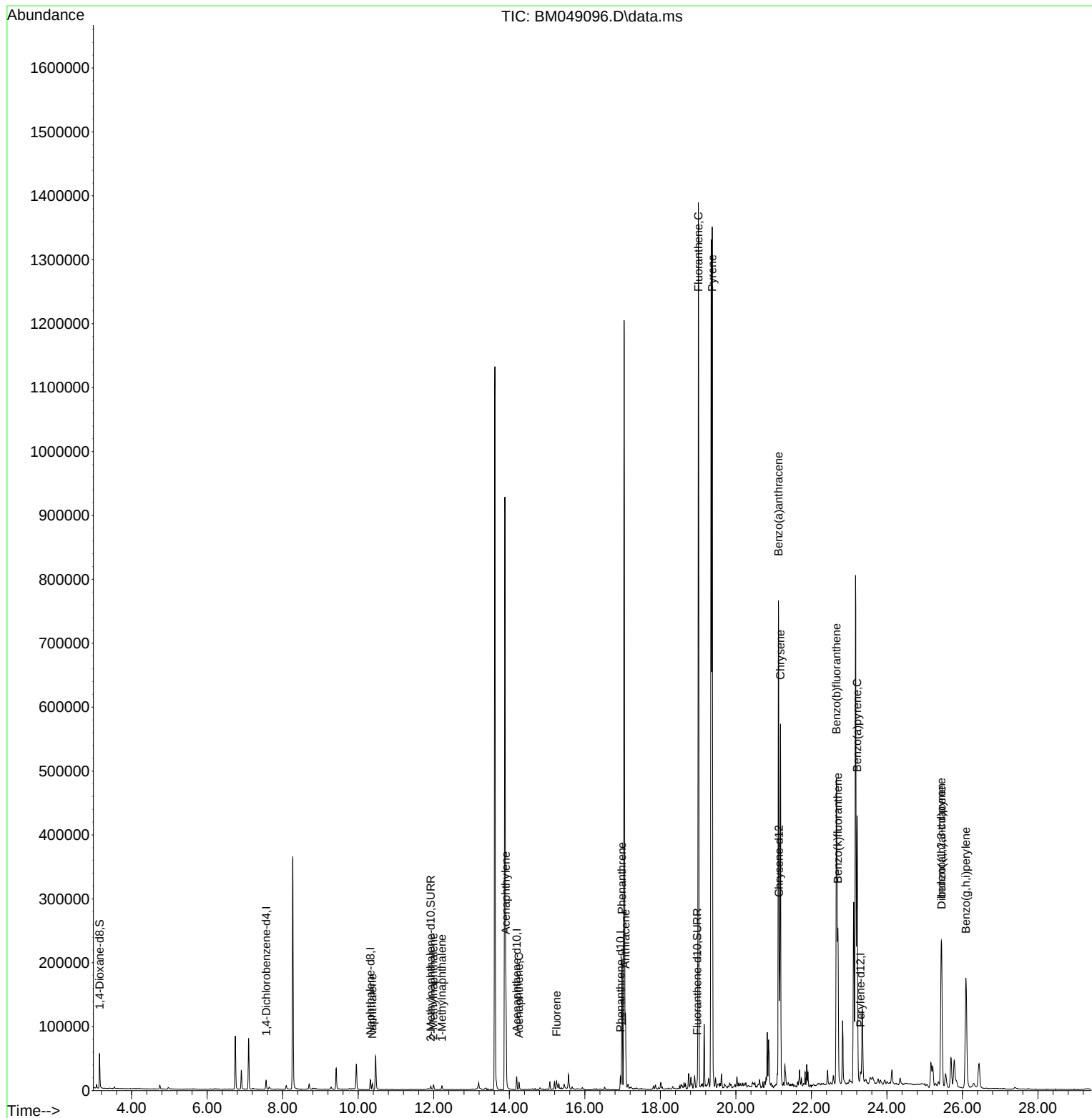
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049096.D
Acq On : 20 Dec 2024 12:03
Operator : RC/JU
Sample : P5265-03
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ALS Vial : 5 Sample Multiplier: 1

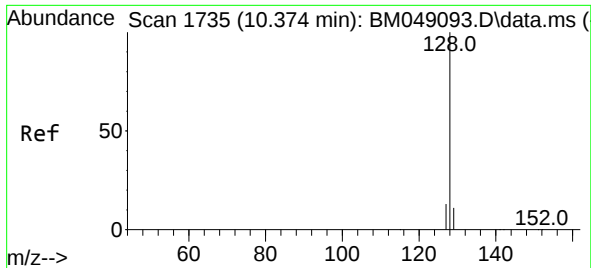
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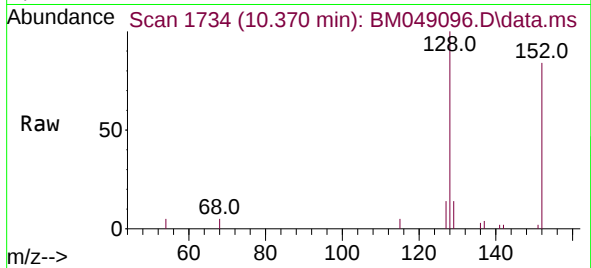
Quant Time: Dec 20 12:32:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.148 ng/ul
RT: 10.370 min Scan# 11
Delta R.T. -0.010 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03

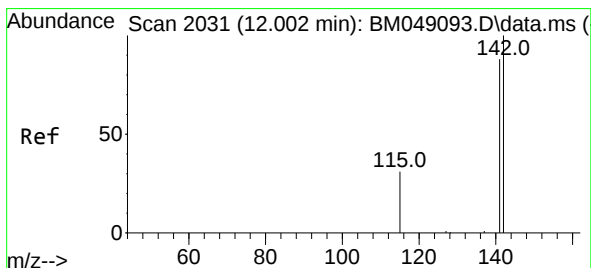
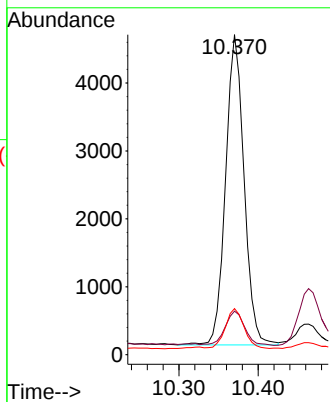
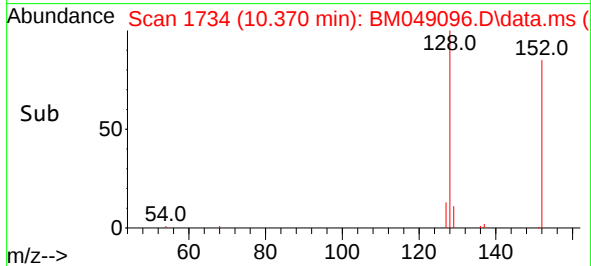
Instrument :
BNA_M
ClientSampleId :
E28Y8



Tgt Ion:128 Resp: 7404
Ion Ratio Lower Upper
128 100
129 13.6 9.7 14.5
127 14.4 10.6 16.0

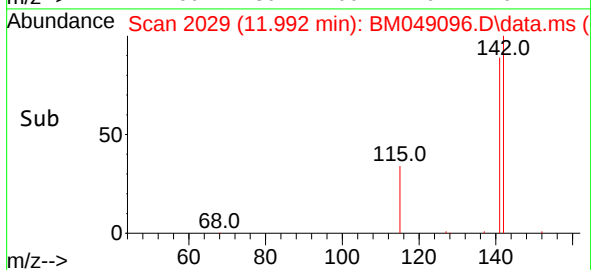
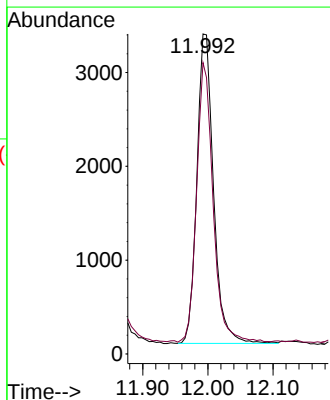
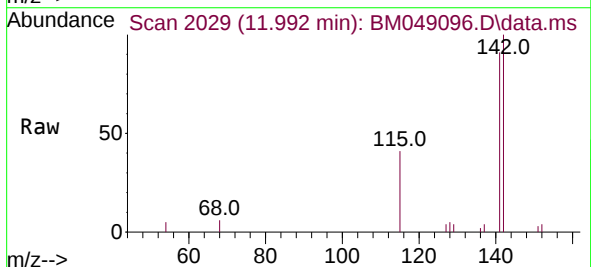
Manual Integrations
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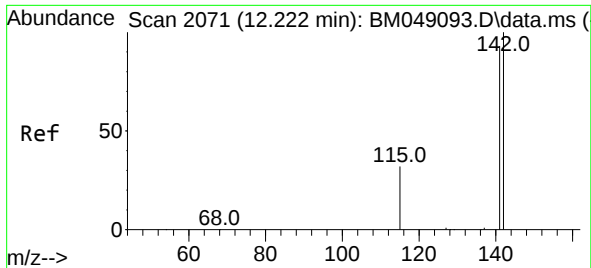
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.186 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.010 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03

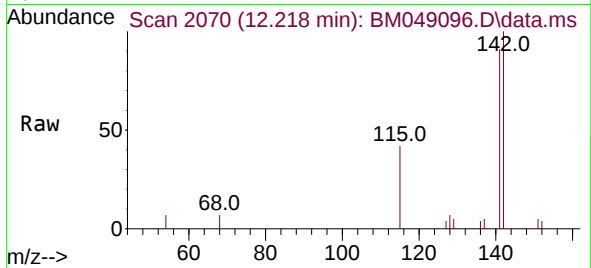
Tgt Ion:142 Resp: 5864
Ion Ratio Lower Upper
142 100
141 88.5 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.218 min Scan# 2071
Delta R.T. -0.004 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03

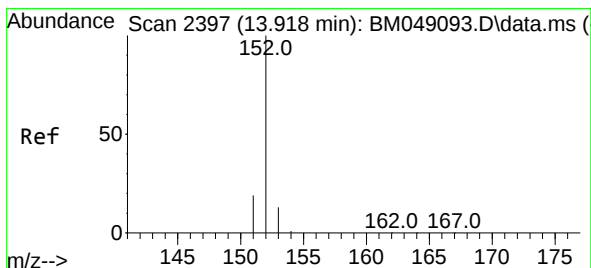
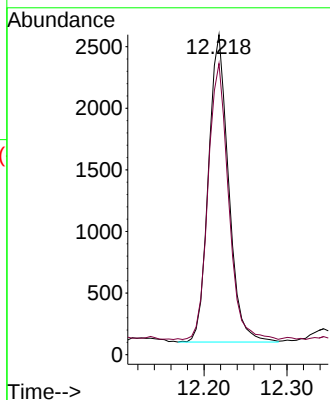
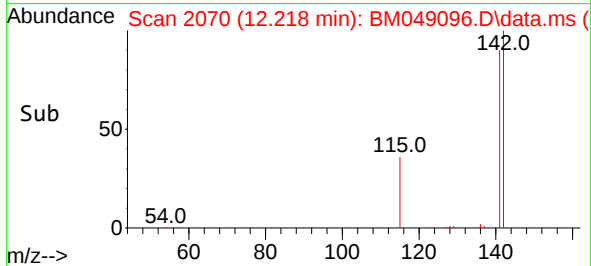
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ClientSampleId :
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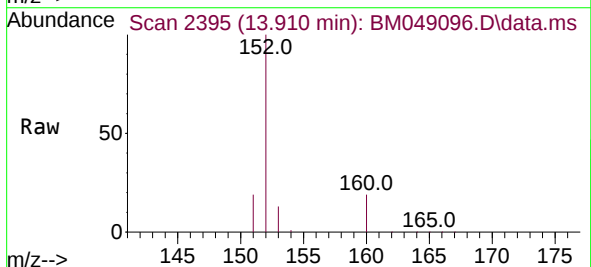
Tgt Ion:142 Resp: 4214
Ion Ratio Lower Upper
142 100
141 90.9 72.7 109.1

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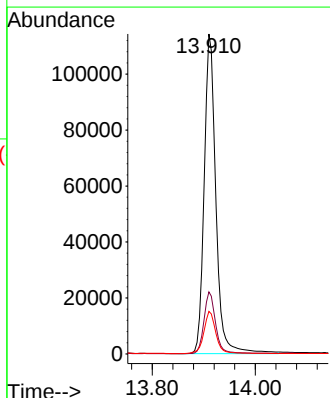
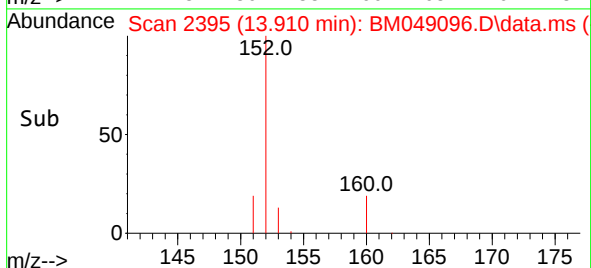
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Supervised By :mohammad ahmed 12/24/2024

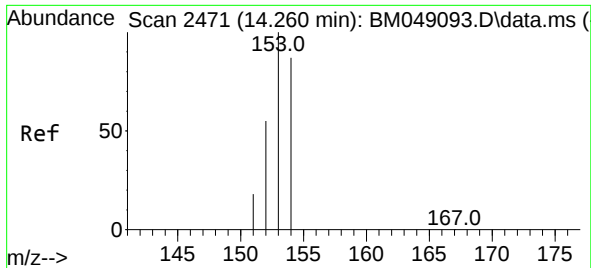


#10
Acenaphthylene
Concen: 3.918 ng/ul
RT: 13.910 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03



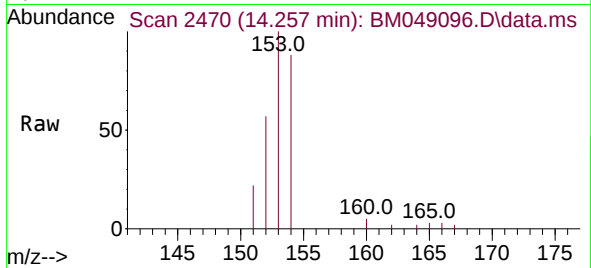
Tgt Ion:152 Resp: 179127
Ion Ratio Lower Upper
152 100
151 19.4 16.0 24.0
153 13.3 11.0 16.6





#11
Acenaphthene
Concen: 0.213 ng/u1
RT: 14.257 min Scan# 2471
Delta R.T. -0.008 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03

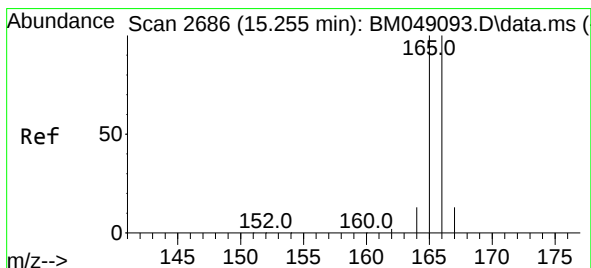
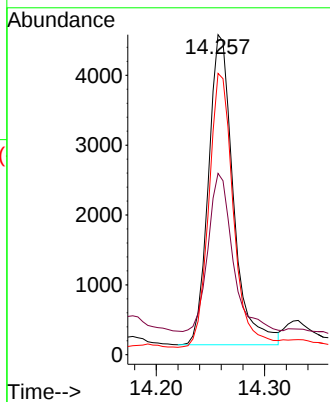
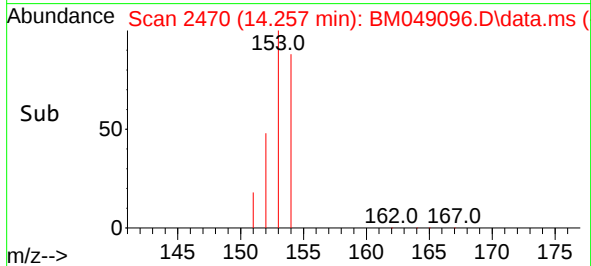
Instrument :
BNA_M
ClientSampleId :
E28Y8



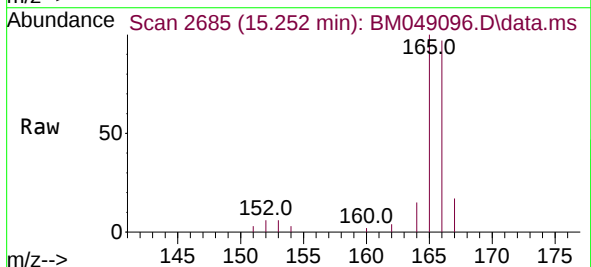
Tgt Ion:153 Resp: 7111
Ion Ratio Lower Upper
153 100
152 56.7 40.7 61.1
154 87.9 70.8 106.2

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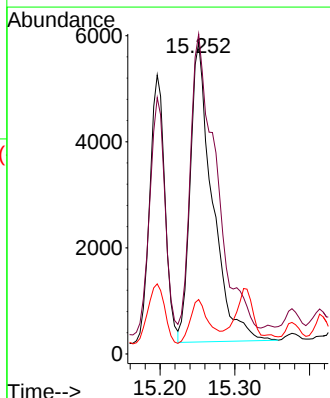
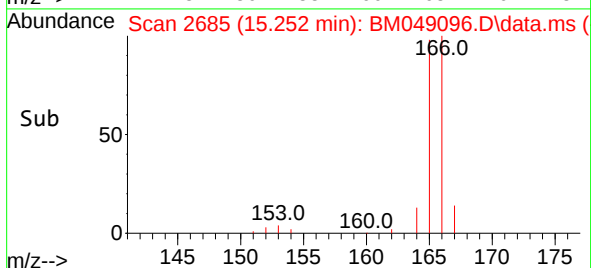
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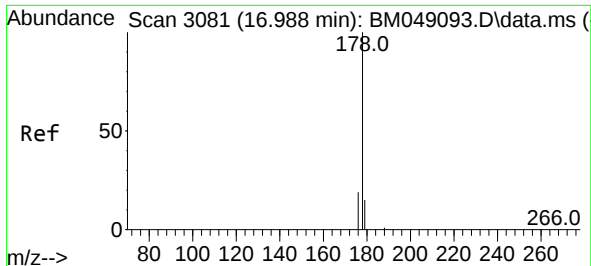


#12
Fluorene
Concen: 0.306 ng/u1
RT: 15.252 min Scan# 2685
Delta R.T. -0.003 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03



Tgt Ion:166 Resp: 11536
Ion Ratio Lower Upper
166 100
165 102.8 79.7 119.5
167 17.5 11.4 17.0#





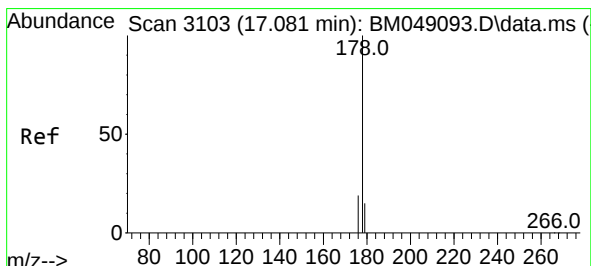
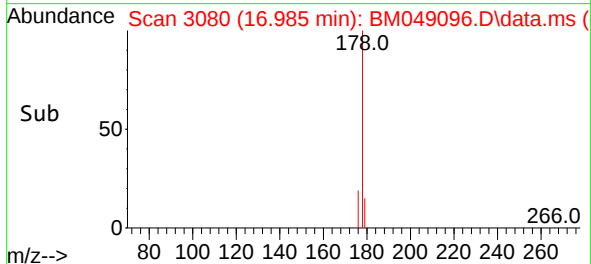
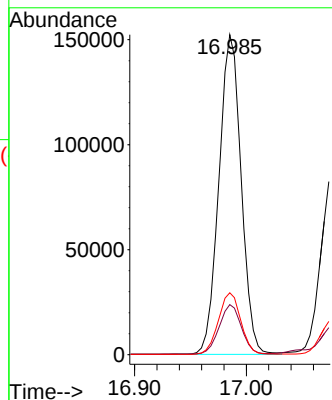
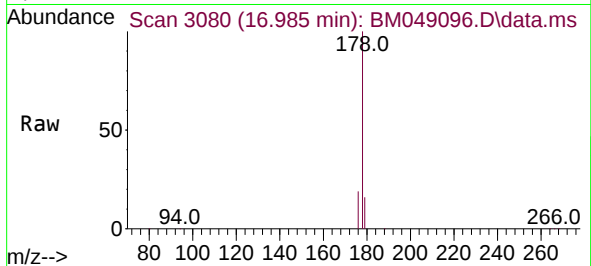
#15
Phenanthrene
Concen: 3.221 ng/ul m
RT: 16.985 min Scan# 3081
Delta R.T. -0.007 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03

Instrument :
BNA_M
ClientSampleId :
E28Y8

Tgt Ion:178 Resp: 21056
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.4 16.2 24.2

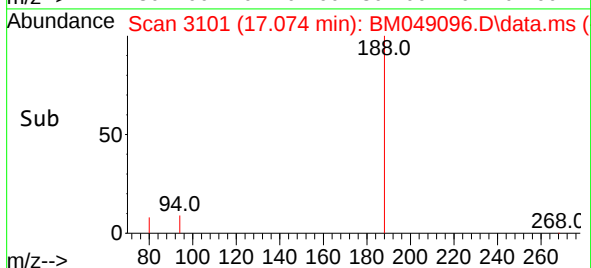
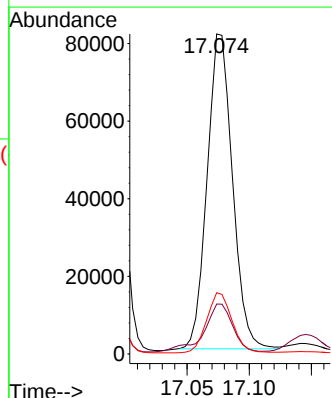
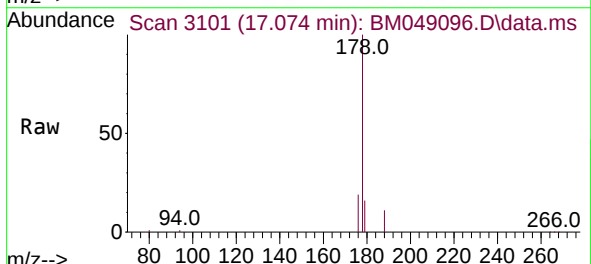
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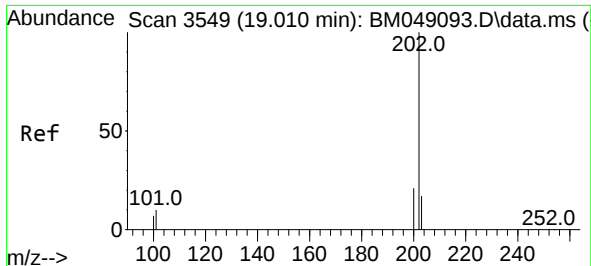
Reviewed By :Jagrut Upadhyay 12/23/2024
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#16
Anthracene
Concen: 1.920 ng/ul m
RT: 17.074 min Scan# 3101
Delta R.T. -0.011 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03

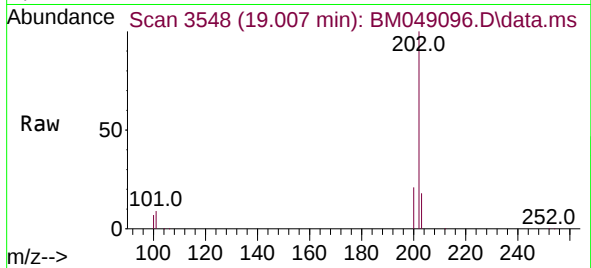
Tgt Ion:178 Resp: 115216
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.2 15.3 22.9





#19
Fluoranthene
Concen: 18.671 ng/ul m
RT: 19.007 min Scan# 3549
Delta R.T. -0.008 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03

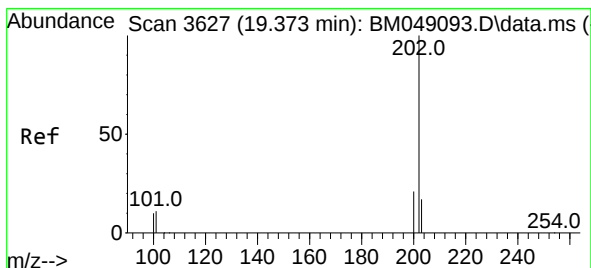
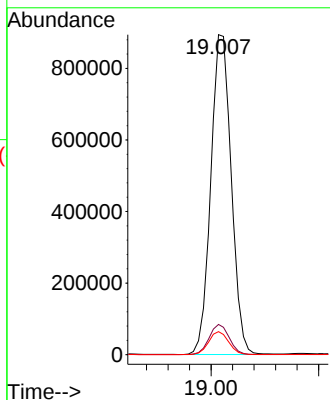
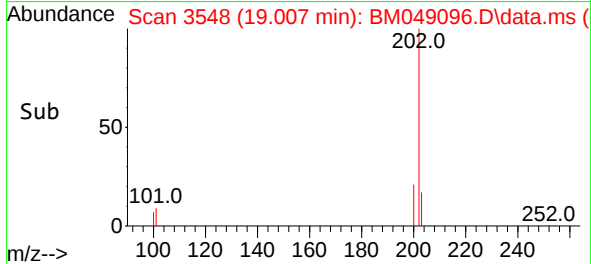
Instrument :
BNA_M
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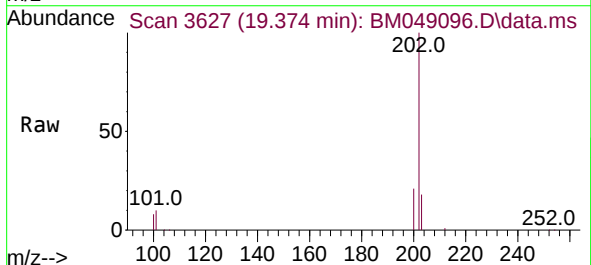
Tgt Ion:202 Resp: 1182244
Ion Ratio Lower Upper
202 100
101 9.5 7.6 11.4
100 7.2 5.5 8.3

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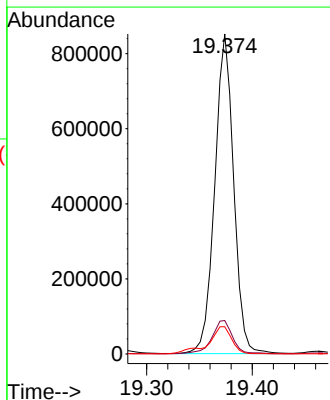
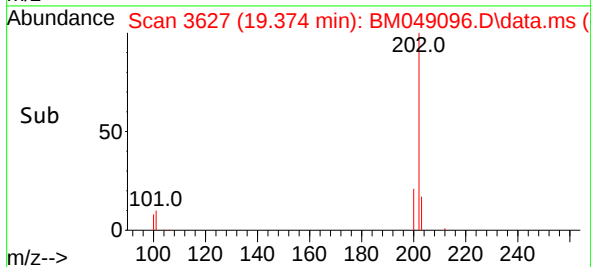
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

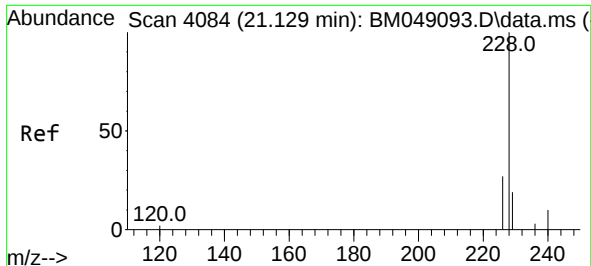


#20
Pyrene
Concen: 15.683 ng/ul m
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03



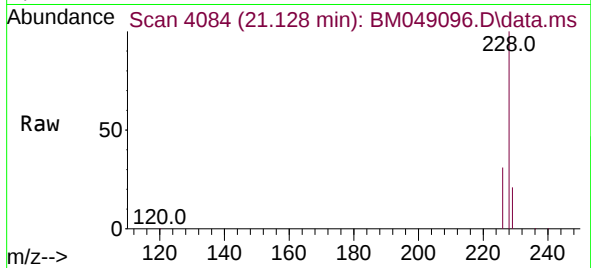
Tgt Ion:202 Resp: 1059058
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 8.5 6.9 10.3





#21
Benzo(a)anthracene
Concen: 10.207 ng/ul m
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03

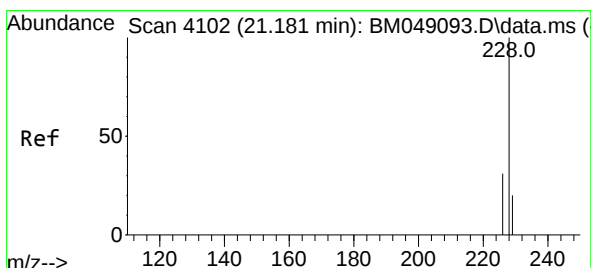
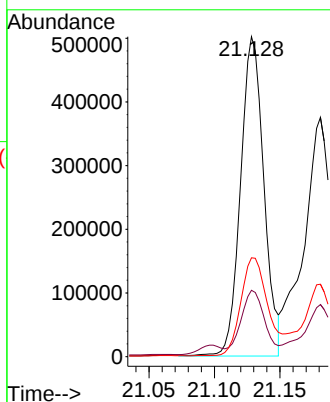
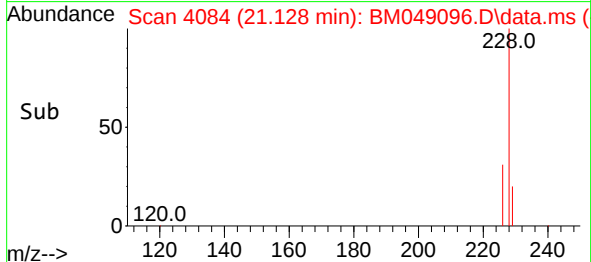
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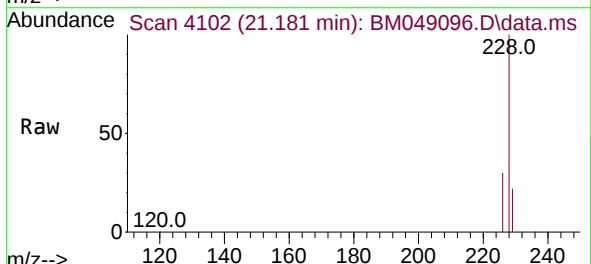
Tgt Ion:228 Resp: 62180
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 30.9 22.6 34.0

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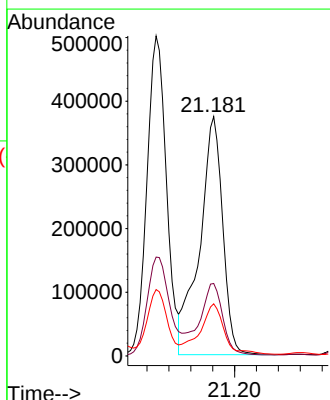
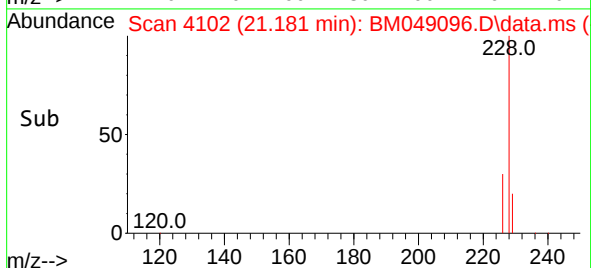
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

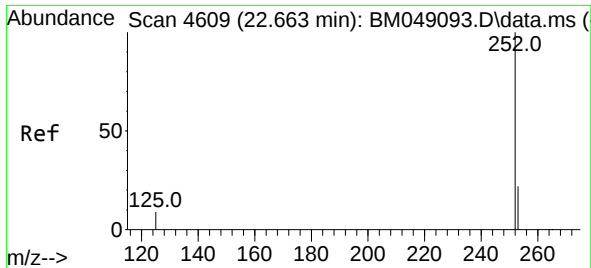


#22
Chrysene
Concen: 8.379 ng/ul m
RT: 21.181 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03



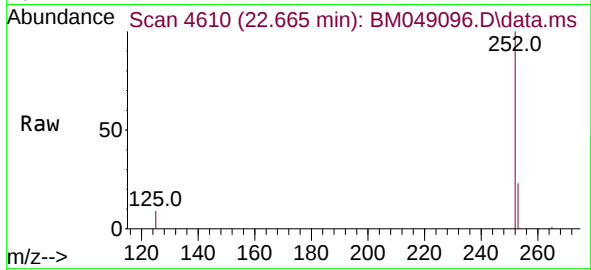
Tgt Ion:228 Resp: 547770
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 21.8 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 12.667 ng/ul m
RT: 22.665 min Scan# 4609
Delta R.T. 0.003 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03

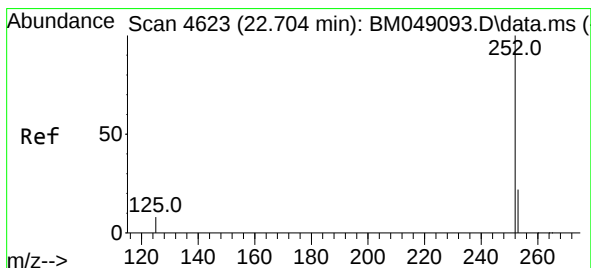
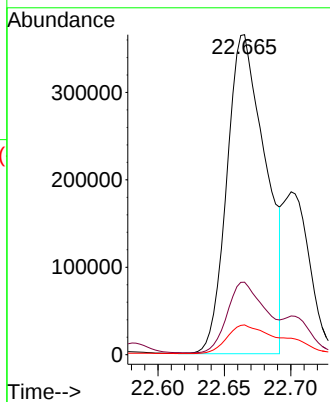
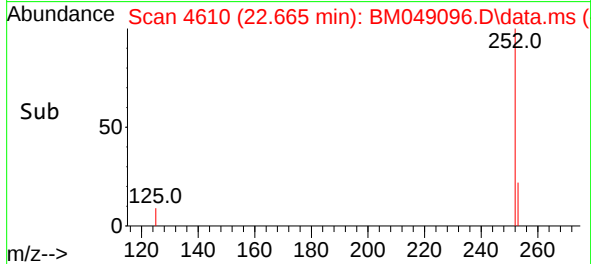
Instrument :
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E28Y8



Tgt Ion:252 Resp: 740749
Ion Ratio Lower Upper
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253 22.6 0.0 52.6
125 9.3 0.0 30.8

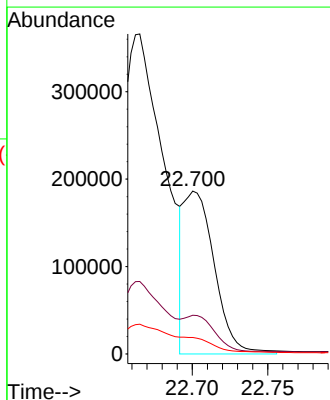
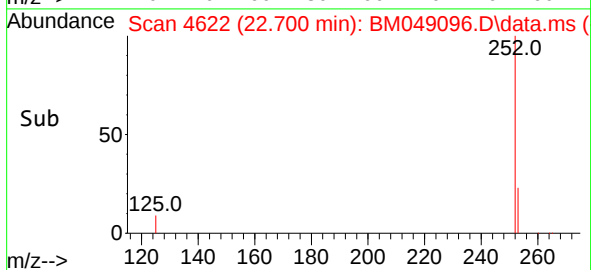
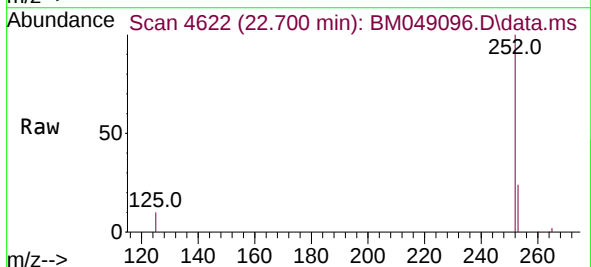
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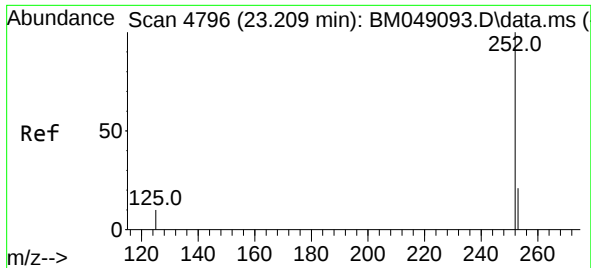
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 4.126 ng/ul m
RT: 22.700 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03

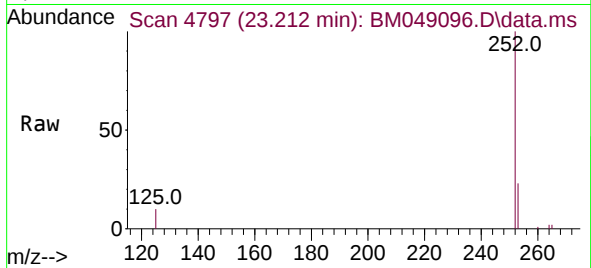
Tgt Ion:252 Resp: 264758
Ion Ratio Lower Upper
252 100
253 23.8 21.3 31.9
125 10.1 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 9.484 ng/ul m
RT: 23.212 min Scan# 4796
Delta R.T. 0.003 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03

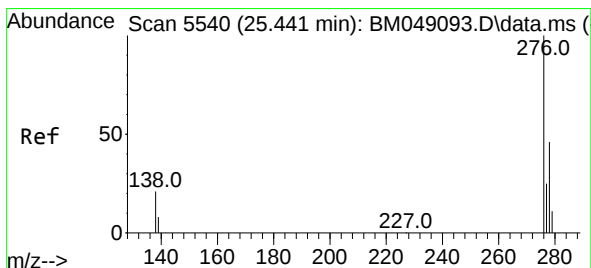
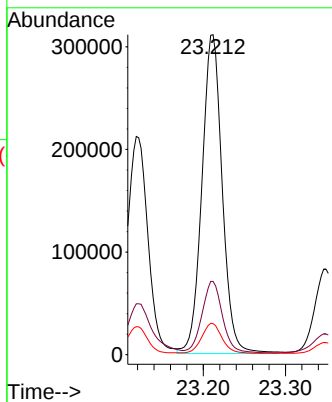
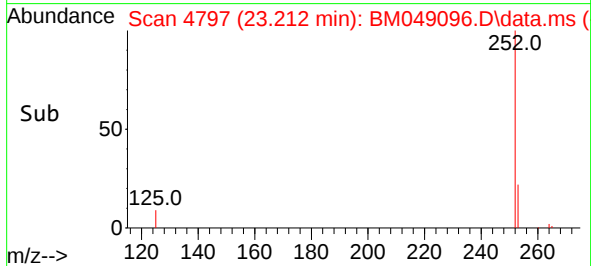
Instrument :
BNA_M
ClientSampleId :
E28Y8



Tgt Ion:252 Resp: 531878
Ion Ratio Lower Upper
252 100
253 22.9 22.4 33.6
125 9.7 14.8 22.2

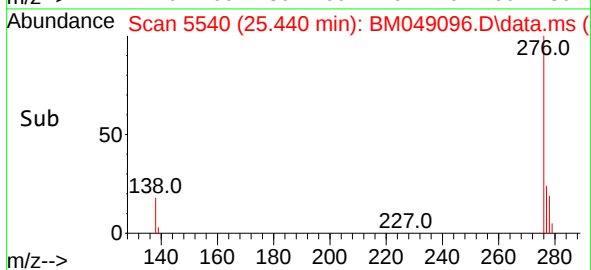
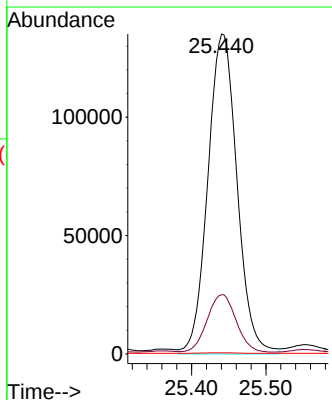
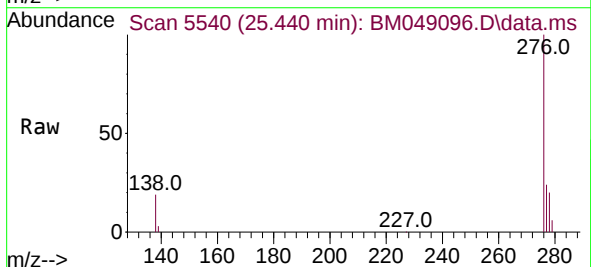
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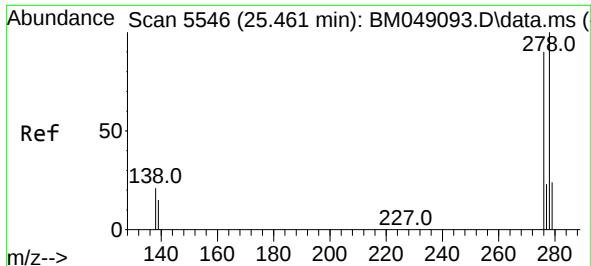
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.659 ng/ul m
RT: 25.440 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03

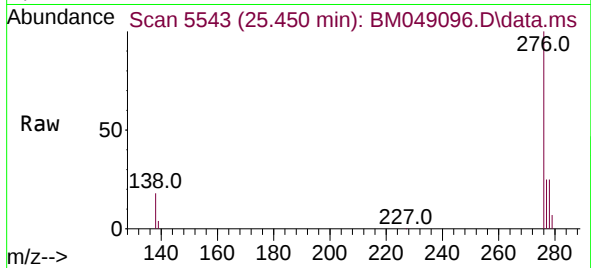
Tgt Ion:276 Resp: 369779
Ion Ratio Lower Upper
276 100
138 2.1 17.4 26.2#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 1.492 ng/ul m
RT: 25.450 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03

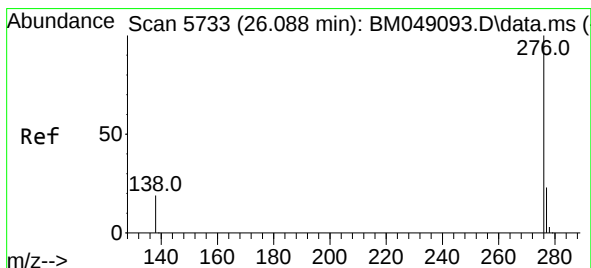
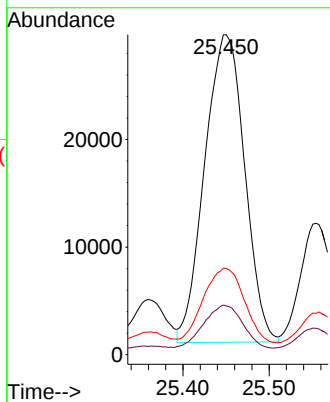
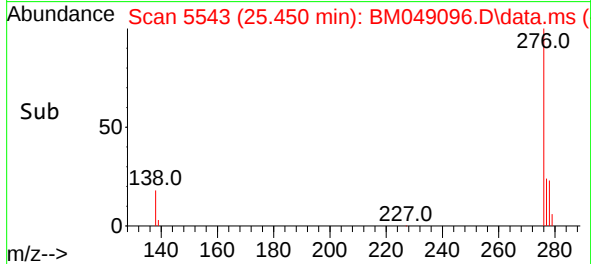
Instrument :
BNA_M
ClientSampleId :
E28Y8



Tgt Ion:278 Resp: 9200
Ion Ratio Lower Upper
278 100
139 15.3 13.5 20.3
279 27.0 21.5 32.3

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



#29
Benzo(g,h,i)perylene
Concen: 5.497 ng/ul m
RT: 26.091 min Scan# 5734
Delta R.T. -0.004 min
Lab File: BM049096.D
Acq: 20 Dec 2024 12:03

Tgt Ion:276 Resp: 350865
Ion Ratio Lower Upper
276 100
138 19.0 16.7 25.1
277 23.9 19.9 29.9

