

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049095.D
 Acq On : 20 Dec 2024 11:27
 Operator : RC/JU
 Sample : P5265-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y7

Quant Time: Dec 20 11:55:44 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

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 12/23/2024

Supervised By :mohammad
 ahmed
 12/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	4877	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	13983	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	7604	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	16994m	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	13681m	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	13651m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	16499	2.933	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	3584	0.191	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	7424	0.191	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.370	128	2316	0.066	ng/ul#	91
7) 2-Methylnaphthalene	11.998	142	1580	0.071	ng/ul	100
8) 1-Methylnaphthalene	12.218	142	1151	0.051	ng/ul	96
10) Acenaphthylene	13.910	152	1157	0.037	ng/ul#	72
11) Acenaphthene	14.257	153	3387	0.147	ng/ul	96
12) Fluorene	15.252	166	2720	0.105	ng/ul#	97
15) Phenanthrene	16.985	178	49148m	1.107	ng/ul	
16) Anthracene	17.074	178	10905m	0.268	ng/ul	
19) Fluoranthene	19.007	202	99019	2.002	ng/ul	99
20) Pyrene	19.374	202	70794	1.342	ng/ul	99
21) Benzo(a)anthracene	21.128	228	39216	0.824	ng/ul	99
22) Chrysene	21.178	228	41236	0.807	ng/ul	97
24) Benzo(b)fluoranthene	22.662	252	52502m	1.204	ng/ul	
25) Benzo(k)fluoranthene	22.697	252	27552m	0.576	ng/ul	
26) Benzo(a)pyrene	23.206	252	21527	0.515	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.437	276	21400	0.362	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.450	278	6404	0.139	ng/ul#	85
29) Benzo(g,h,i)perylene	26.087	276	3495	0.073	ng/ul#	81

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

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Data File : BM049095.D
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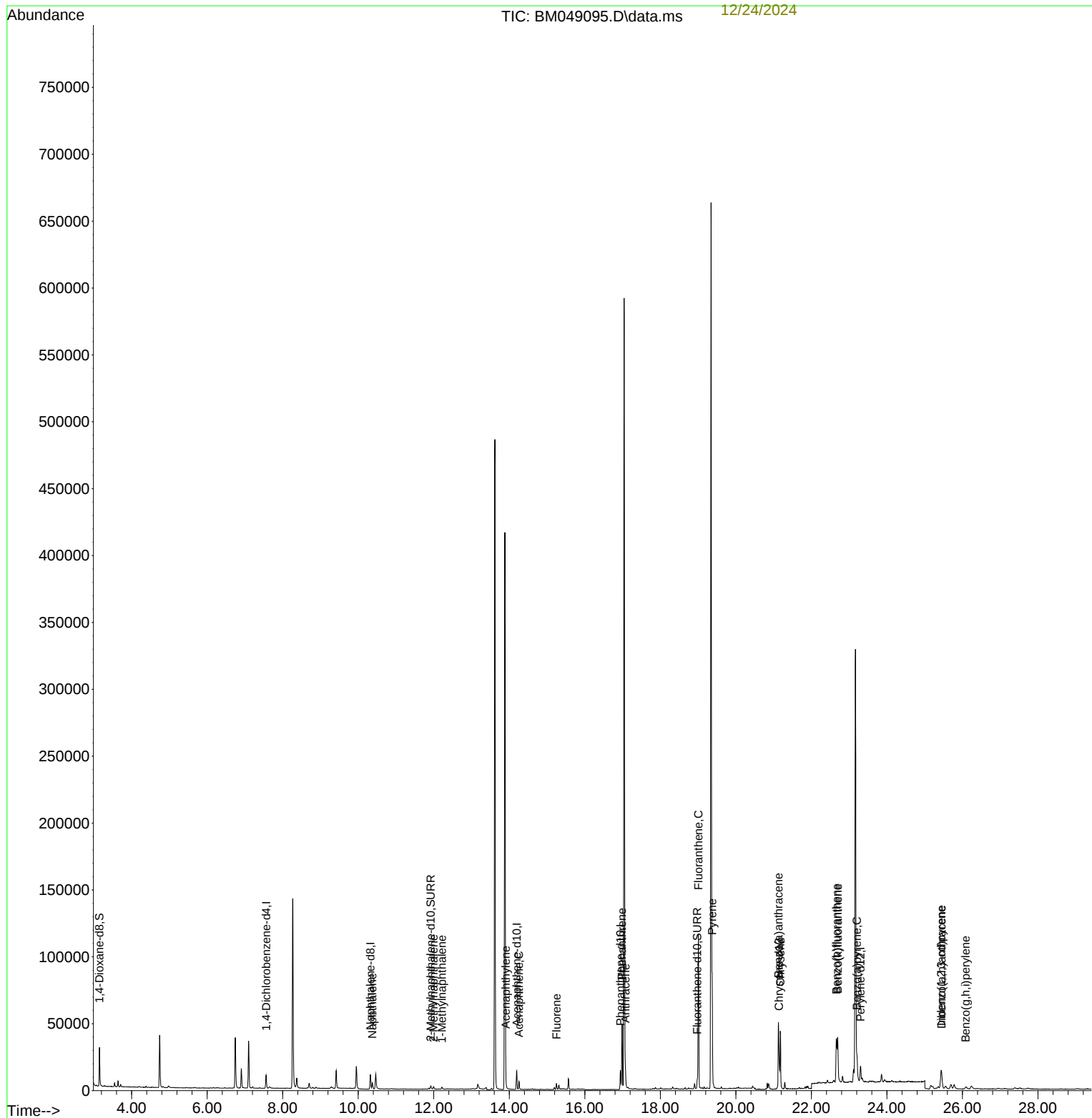
Instrument :
BNA_M
ClientSampleId :
E28Y7

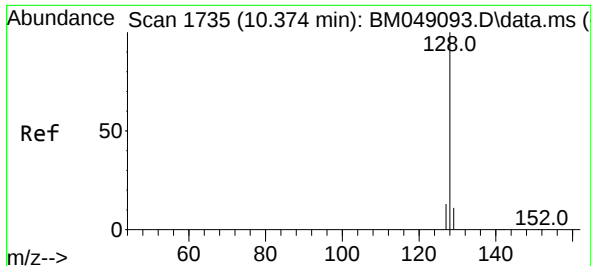
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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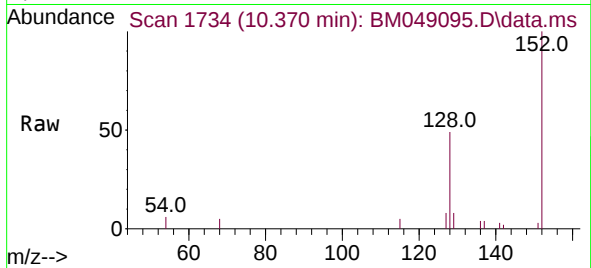
Supervised By :mohammad
ahmed
12/24/2024





#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.370 min Scan# 1735
Delta R.T. -0.010 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

Instrument :
BNA_M
ClientSampleId :
E28Y7

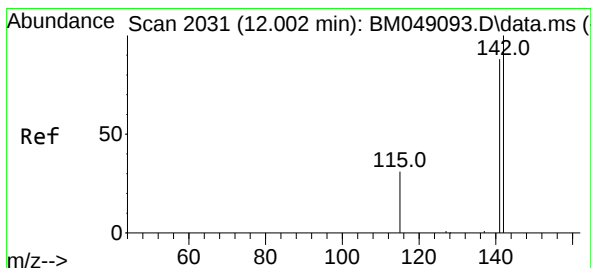
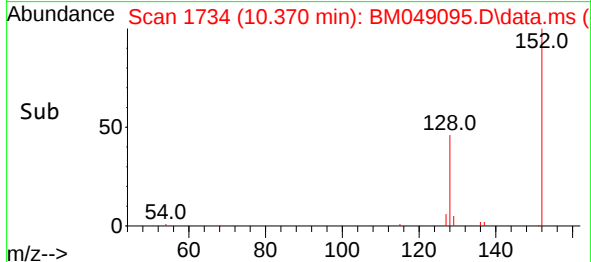
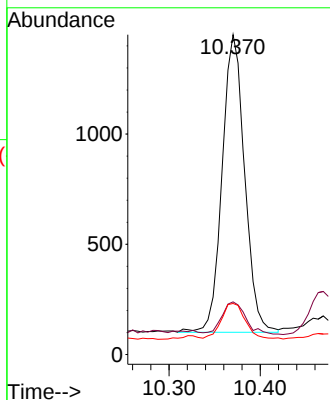


Tgt Ion:128 Resp: 2310
Ion Ratio Lower Upper
128 100
129 16.5 9.7 14.5
127 16.0 10.6 16.0

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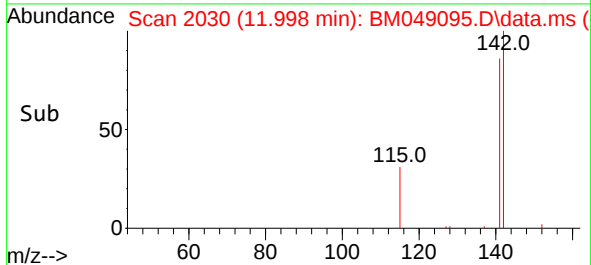
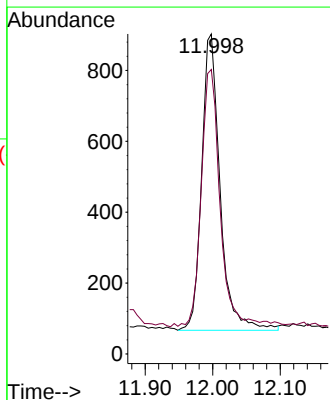
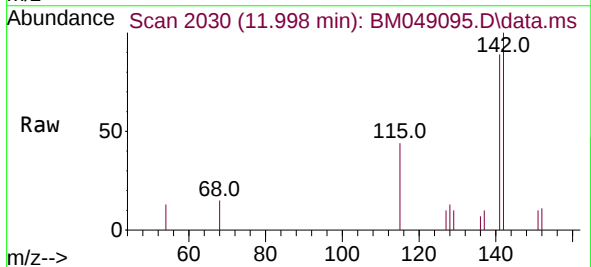
Reviewed By :Jagrut
Upadhyay
12/23/2024

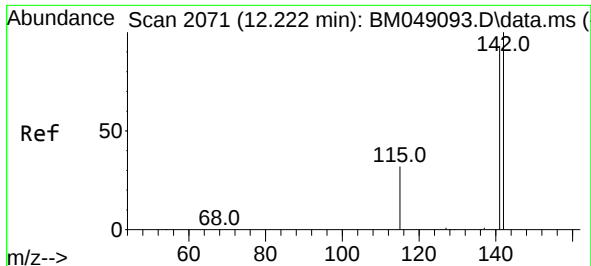
Supervised By :mohammad
ahmed
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#7
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 11.998 min Scan# 2030
Delta R.T. -0.004 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

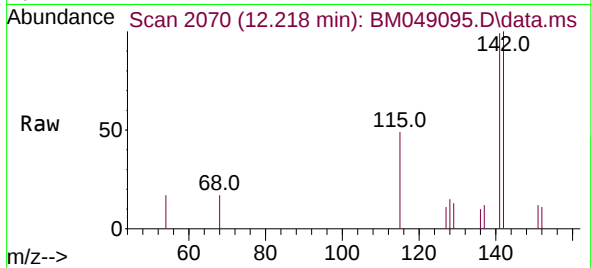
Tgt Ion:142 Resp: 1580
Ion Ratio Lower Upper
142 100
141 90.1 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.218 min Scan# 2071
Delta R.T. -0.004 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

Instrument :
BNA_M
ClientSampleId :
E28Y7

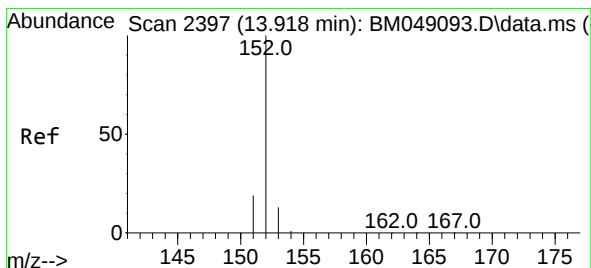
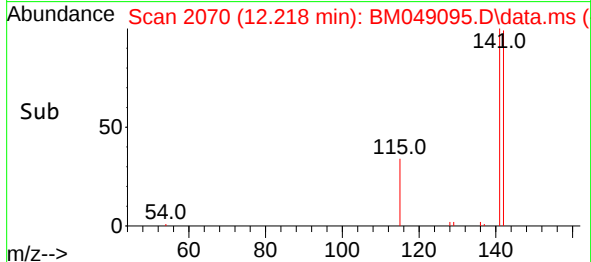
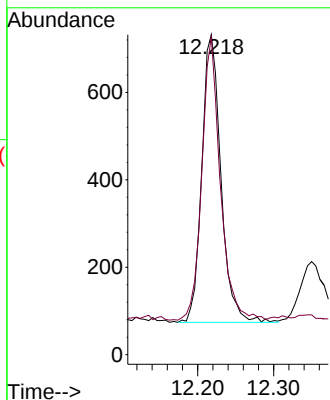


Tgt Ion:142 Resp: 115
Ion Ratio Lower Upper
142 100
141 94.9 72.7 109.1

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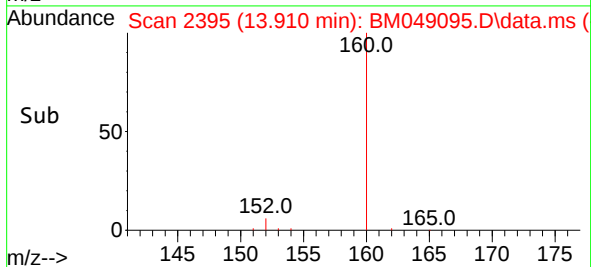
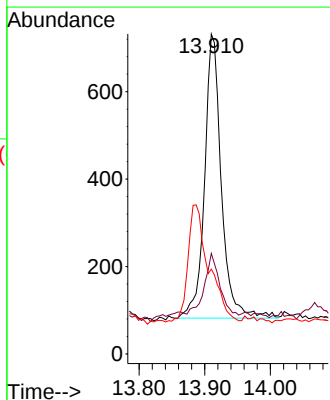
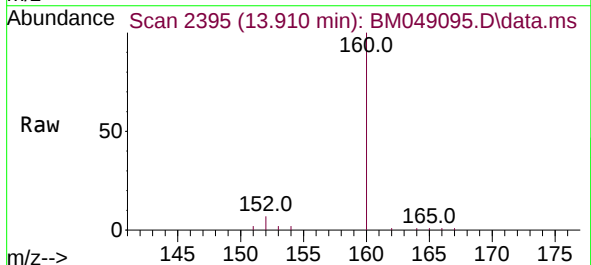
Reviewed By :Jagrut
Upadhyay
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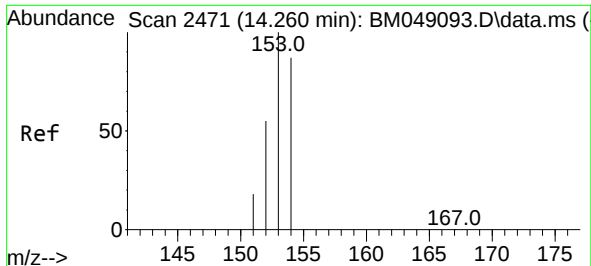
Supervised By :mohammad
ahmed
12/24/2024



#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 13.910 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

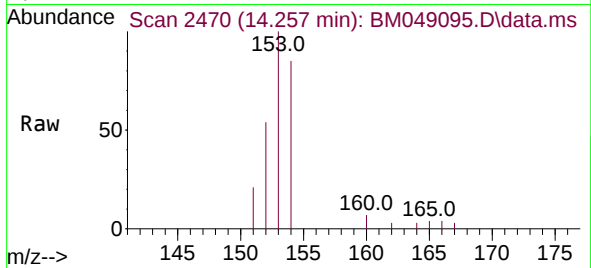
Tgt Ion:152 Resp: 1157
Ion Ratio Lower Upper
152 100
151 31.4 16.0 24.0#
153 26.5 11.0 16.6#





#11
Acenaphthene
Concen: 0.147 ng/u1
RT: 14.257 min Scan# 2471
Delta R.T. -0.008 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

Instrument :
BNA_M
ClientSampleId :
E28Y7

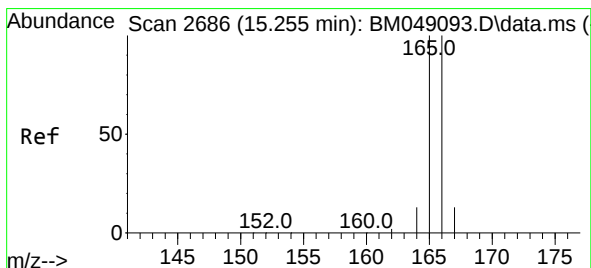
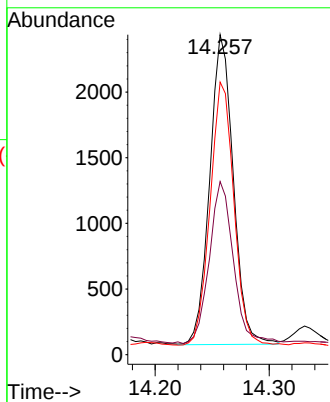
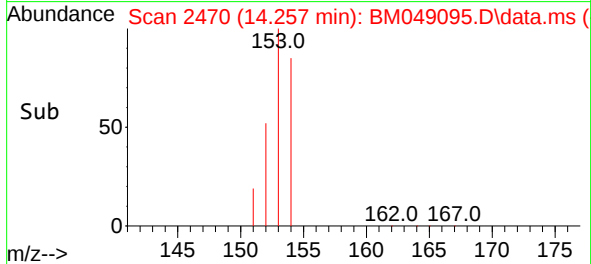


Tgt Ion:153 Resp: 338
Ion Ratio Lower Upper
153 100
152 54.1 40.7 61.1
154 85.2 70.8 106.2

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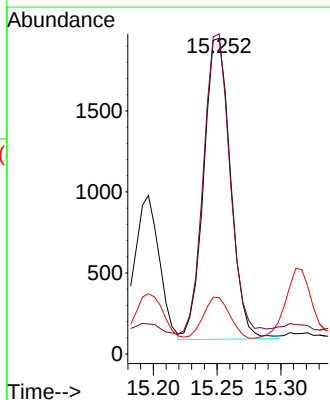
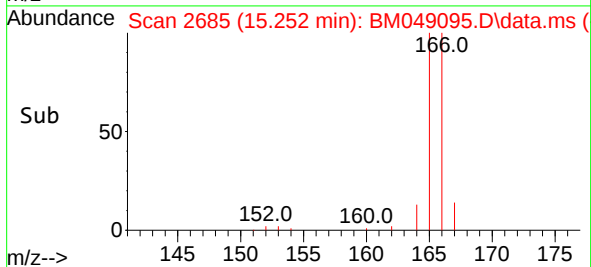
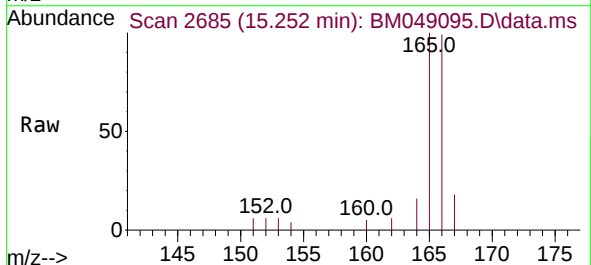
Reviewed By :Jagrut
Upadhyay
12/23/2024

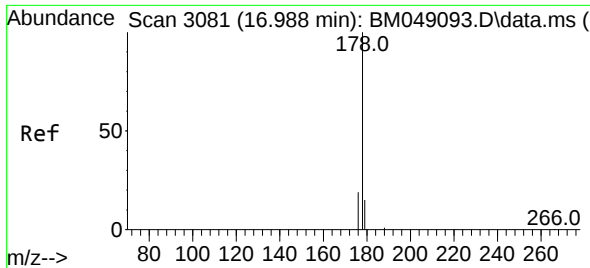
Supervised By :mohammad
ahmed
12/24/2024



#12
Fluorene
Concen: 0.105 ng/u1
RT: 15.252 min Scan# 2685
Delta R.T. -0.003 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

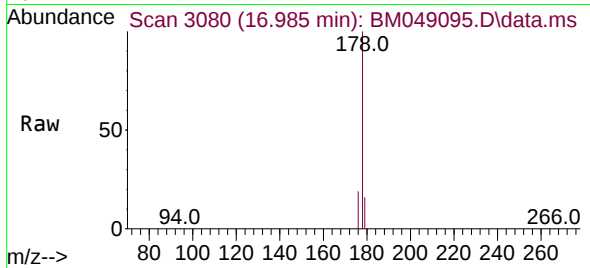
Tgt Ion:166 Resp: 2720
Ion Ratio Lower Upper
166 100
165 101.4 79.7 119.5
167 17.9 11.4 17.0#





#15
Phenanthrene
Concen: 1.107 ng/ul m
RT: 16.985 min Scan# 3081
Delta R.T. -0.007 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

Instrument :
BNA_M
ClientSampleId :
E28Y7

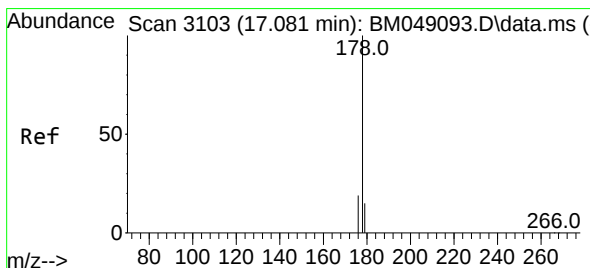
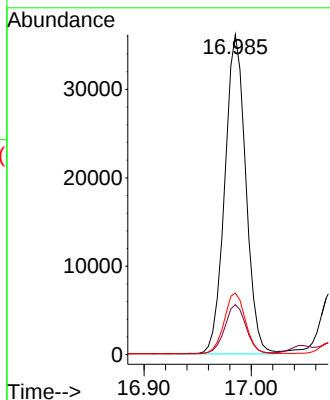
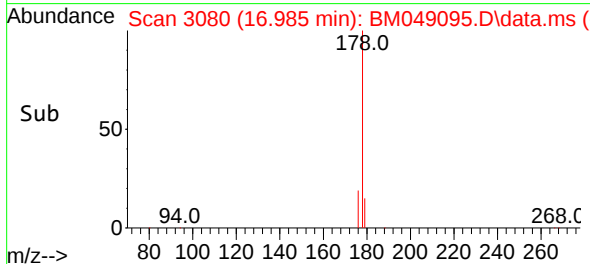


Tgt Ion:178 Resp: 4914
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.2 16.2 24.2

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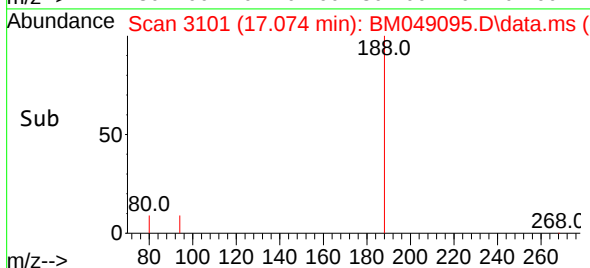
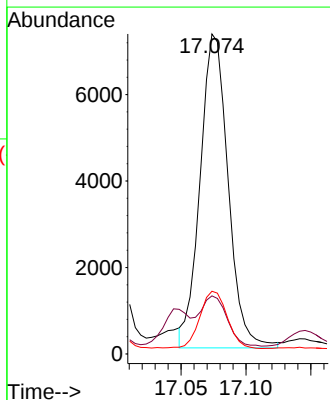
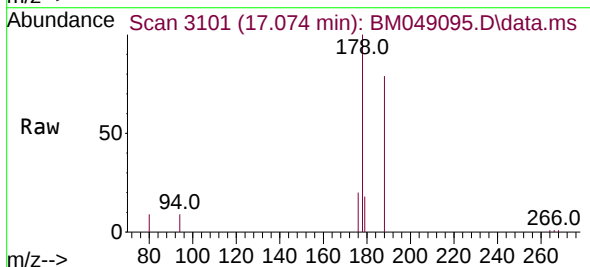
Reviewed By :Jagrut
Upadhyay
12/23/2024

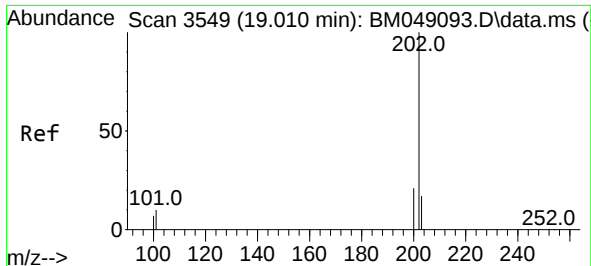
Supervised By :mohammad
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12/24/2024



#16
Anthracene
Concen: 0.268 ng/ul m
RT: 17.074 min Scan# 3101
Delta R.T. -0.011 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

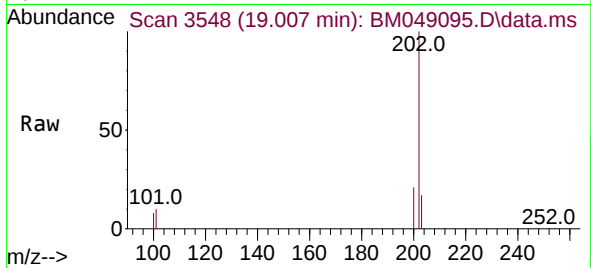
Tgt Ion:178 Resp: 10905
Ion Ratio Lower Upper
178 100
179 18.1 12.9 19.3
176 19.6 15.3 22.9





#19
Fluoranthene
Concen: 2.002 ng/u1
RT: 19.007 min Scan# 3549
Delta R.T. -0.008 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

Instrument :
BNA_M
ClientSampleId :
E28Y7

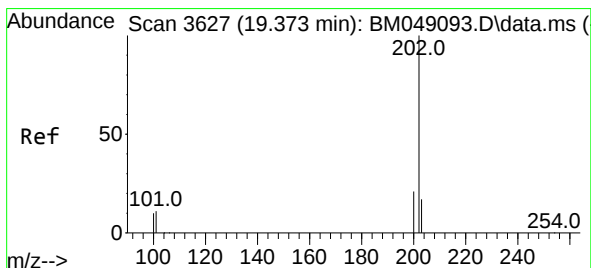
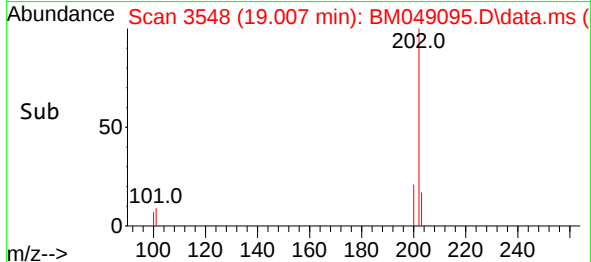
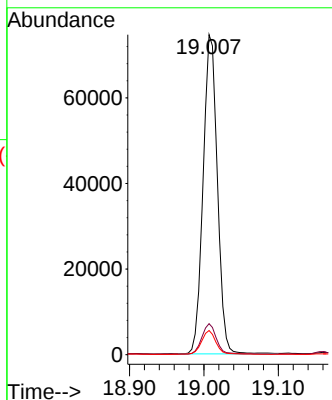


Tgt Ion:202 Resp: 99019
Ion Ratio Lower Upper
202 100
101 9.7 7.6 11.4
100 7.6 5.5 8.3

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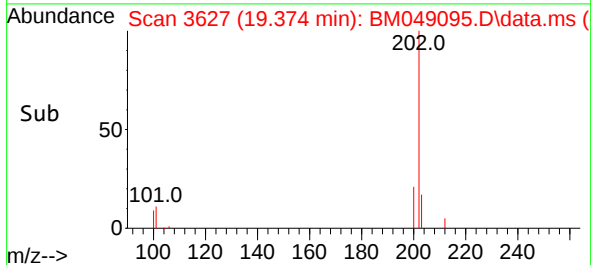
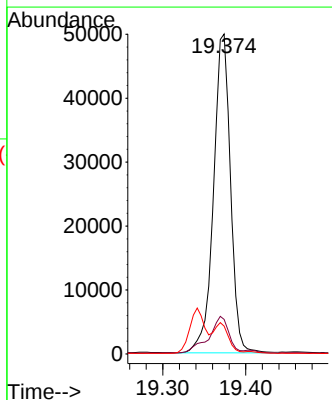
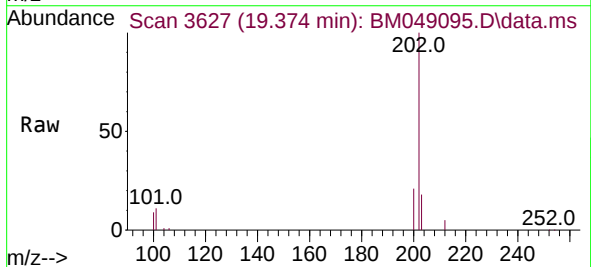
Reviewed By :Jagrut
Upadhyay
12/23/2024

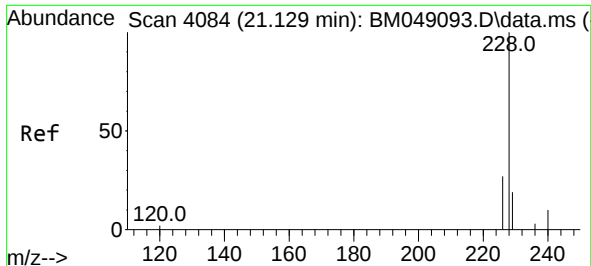
Supervised By :mohammad
ahmed
12/24/2024



#20
Pyrene
Concen: 1.342 ng/u1
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

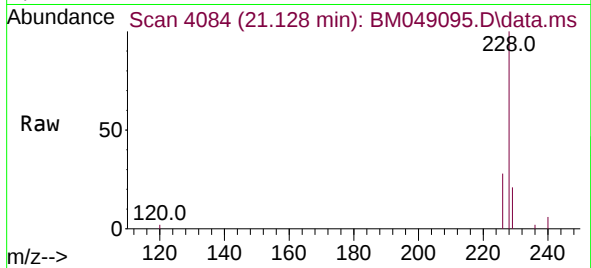
Tgt Ion:202 Resp: 70794
Ion Ratio Lower Upper
202 100
101 10.8 8.9 13.3
100 8.7 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.824 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

Instrument :
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E28Y7

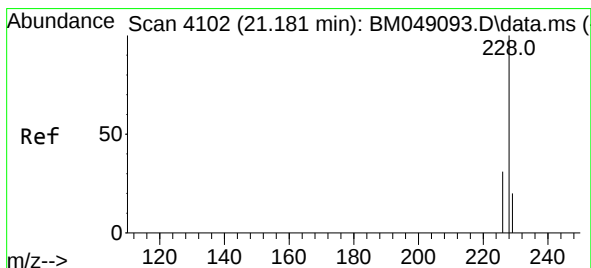
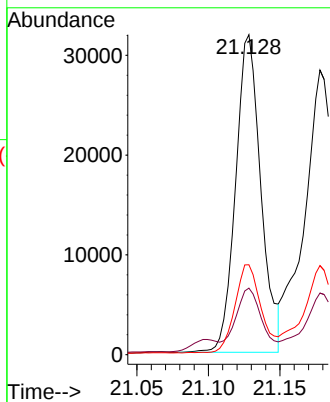
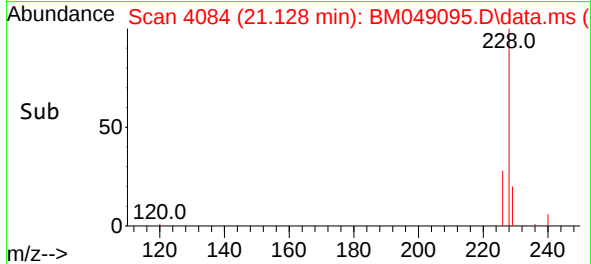


Tgt Ion:228 Resp: 39210
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 28.1 22.6 34.0

Manual Integrations
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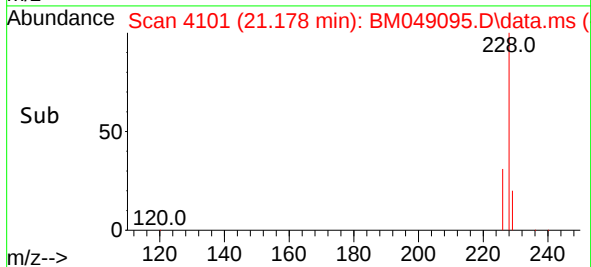
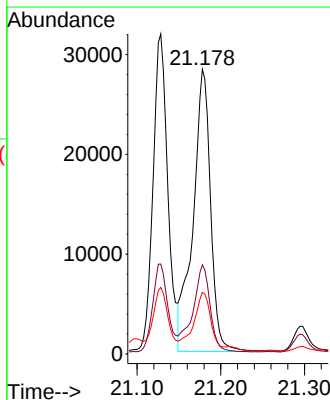
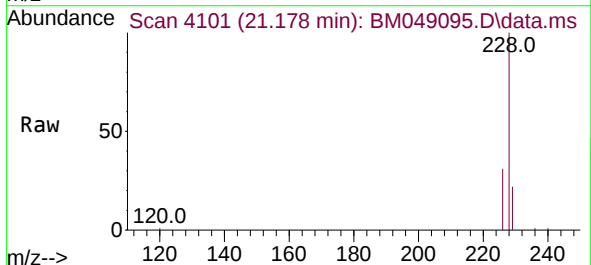
Reviewed By :Jagrut
Upadhyay
12/23/2024

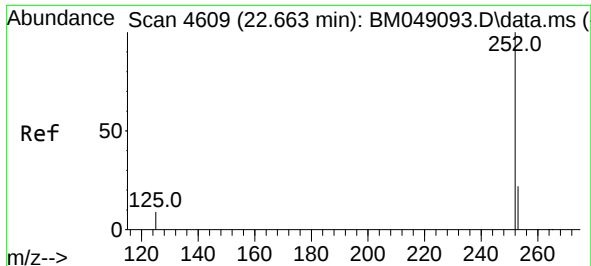
Supervised By :mohammad
ahmed
12/24/2024



#22
Chrysene
Concen: 0.807 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

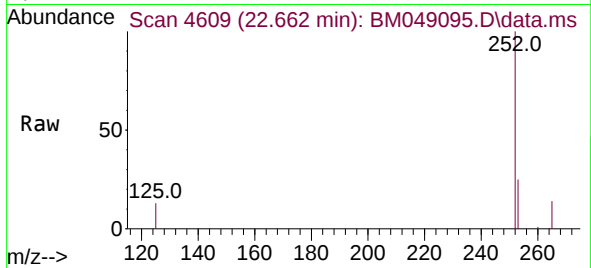
Tgt Ion:228 Resp: 41236
Ion Ratio Lower Upper
228 100
226 31.3 24.1 36.1
229 21.6 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 1.204 ng/ul m
RT: 22.662 min Scan# 4609
Delta R.T. -0.000 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

Instrument :
BNA_M
ClientSampleId :
E28Y7

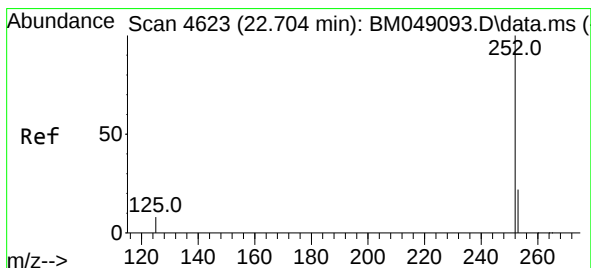
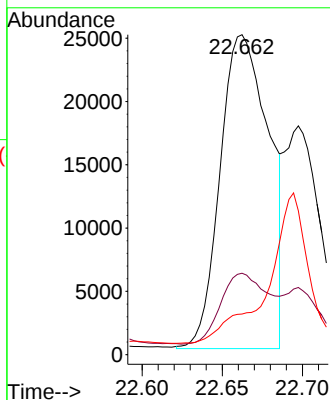


Tgt Ion:252 Resp: 52502
Ion Ratio Lower Upper
252 100
253 25.4 0.0 52.6
125 12.7 0.0 30.8

Manual Integrations
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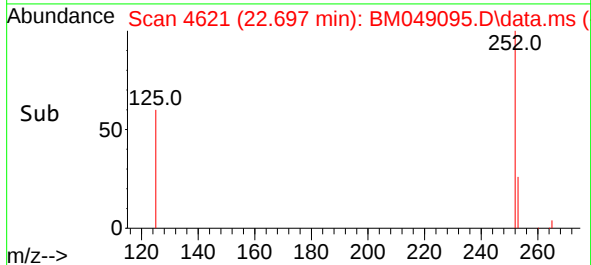
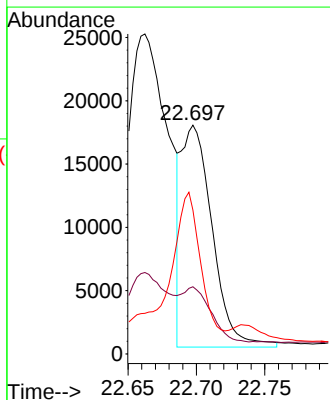
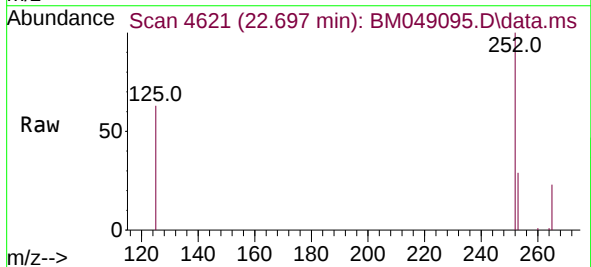
Reviewed By :Jagrut
Upadhyay
12/23/2024

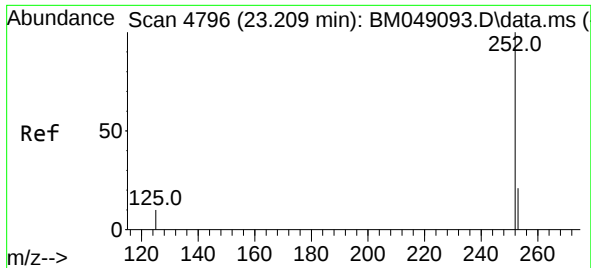
Supervised By :mohammad
ahmed
12/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.576 ng/ul m
RT: 22.697 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

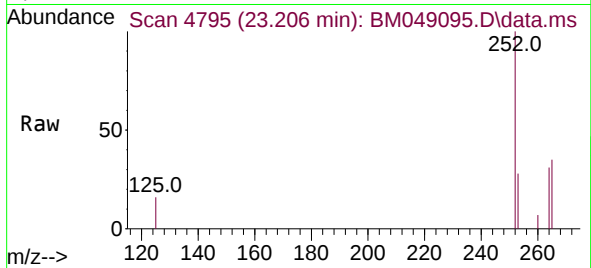
Tgt Ion:252 Resp: 27552
Ion Ratio Lower Upper
252 100
253 29.3 21.3 31.9
125 62.9 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.515 ng/ul
RT: 23.206 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

Instrument :
BNA_M
ClientSampleId :
E28Y7

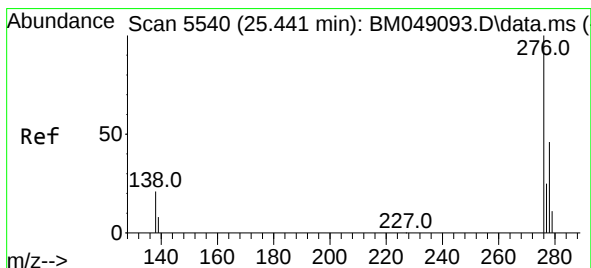
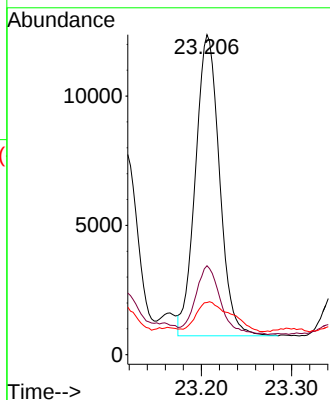
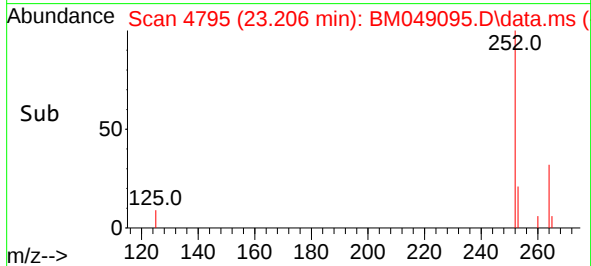


Tgt Ion:252 Resp: 2152
Ion Ratio Lower Upper
252 100
253 27.8 22.4 33.6
125 16.3 14.8 22.2

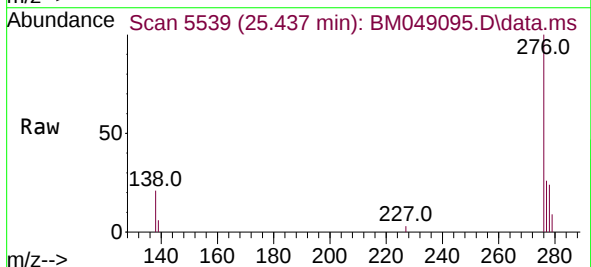
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
12/23/2024

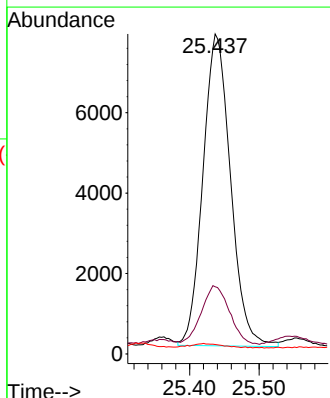
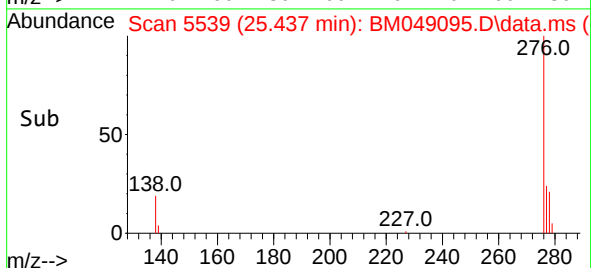
Supervised By :mohammad
ahmed
12/24/2024

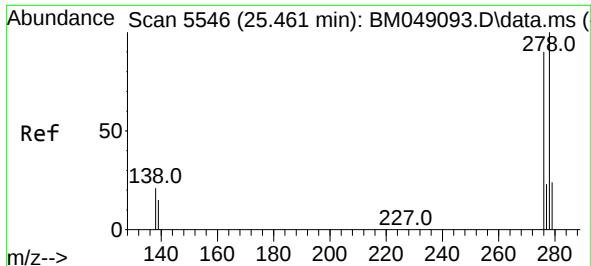


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng/ul
RT: 25.437 min Scan# 5539
Delta R.T. -0.010 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27



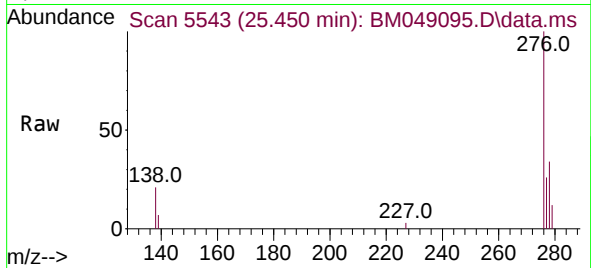
Tgt Ion:276 Resp: 21400
Ion Ratio Lower Upper
276 100
138 19.1 17.4 26.2
227 1.4 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.139 ng/ul
RT: 25.450 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

Instrument :
BNA_M
ClientSampleId :
E28Y7

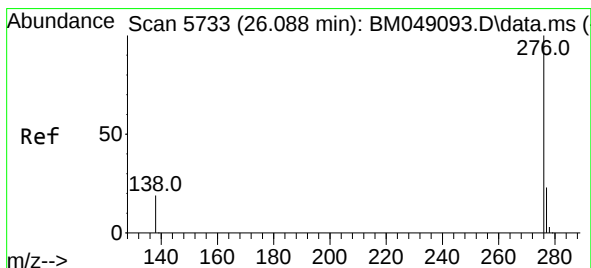
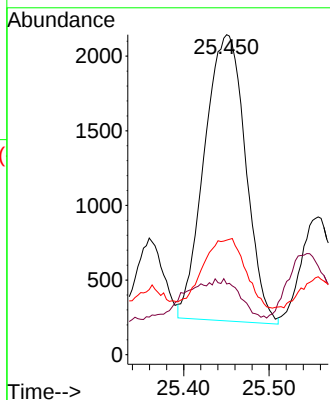


Tgt Ion:278 Resp: 6404
Ion Ratio Lower Upper
278 100
139 22.1 13.5 20.3#
279 35.8 21.5 32.3#

Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
12/23/2024

Supervised By :mohammad
ahmed
12/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.073 ng/ul
RT: 26.087 min Scan# 5733
Delta R.T. -0.007 min
Lab File: BM049095.D
Acq: 20 Dec 2024 11:27

Tgt Ion:276 Resp: 3495
Ion Ratio Lower Upper
276 100
138 29.8 16.7 25.1#
277 34.1 19.9 29.9#

