

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049203.D
 Acq On : 25 Dec 2024 02:36
 Operator : RC/JU
 Sample : P5333-13
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2915

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 03:04:55 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	7.548	152	7285	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	22590	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.181	164	12751	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.933	188	29456m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.134	240	24508m	0.400	ng/ul	-0.01
23) Perylene-d12	23.285	264	29151	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	33554	3.994	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.903	152	8059	0.265	ng/ul	-0.02
18) Fluoranthene-d10	18.968	212	12982	0.187	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	46910	0.830	ng/ul	99
7) 2-Methylnaphthalene	11.980	142	32289	0.901	ng/ul	98
8) 1-Methylnaphthalene	12.200	142	15133	0.412	ng/ul	100
10) Acenaphthylene	13.899	152	6914	0.131	ng/ul#	93
11) Acenaphthene	14.246	153	3430	0.089	ng/ul	97
12) Fluorene	15.236	166	3441	0.079	ng/ul#	88
15) Phenanthrene	16.975	178	121781m	1.583	ng/ul	
16) Anthracene	17.064	178	14859m	0.210	ng/ul	
19) Fluoranthene	18.996	202	170275	1.922	ng/ul	100
20) Pyrene	19.363	202	151299	1.601	ng/ul	98
21) Benzo(a)anthracene	21.117	228	101915	1.195	ng/ul#	95
22) Chrysene	21.169	228	129509	1.416	ng/ul#	95
24) Benzo(b)fluoranthene	22.648	252	180029m	1.933	ng/ul	
25) Benzo(k)fluoranthene	22.686	252	49417m	0.484	ng/ul	
26) Benzo(a)pyrene	23.192	252	108501m	1.215	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.417	276	94563	0.748	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.424	278	24257	0.247	ng/ul#	86
29) Benzo(g,h,i)perylene	26.064	276	105813	1.041	ng/ul	98

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

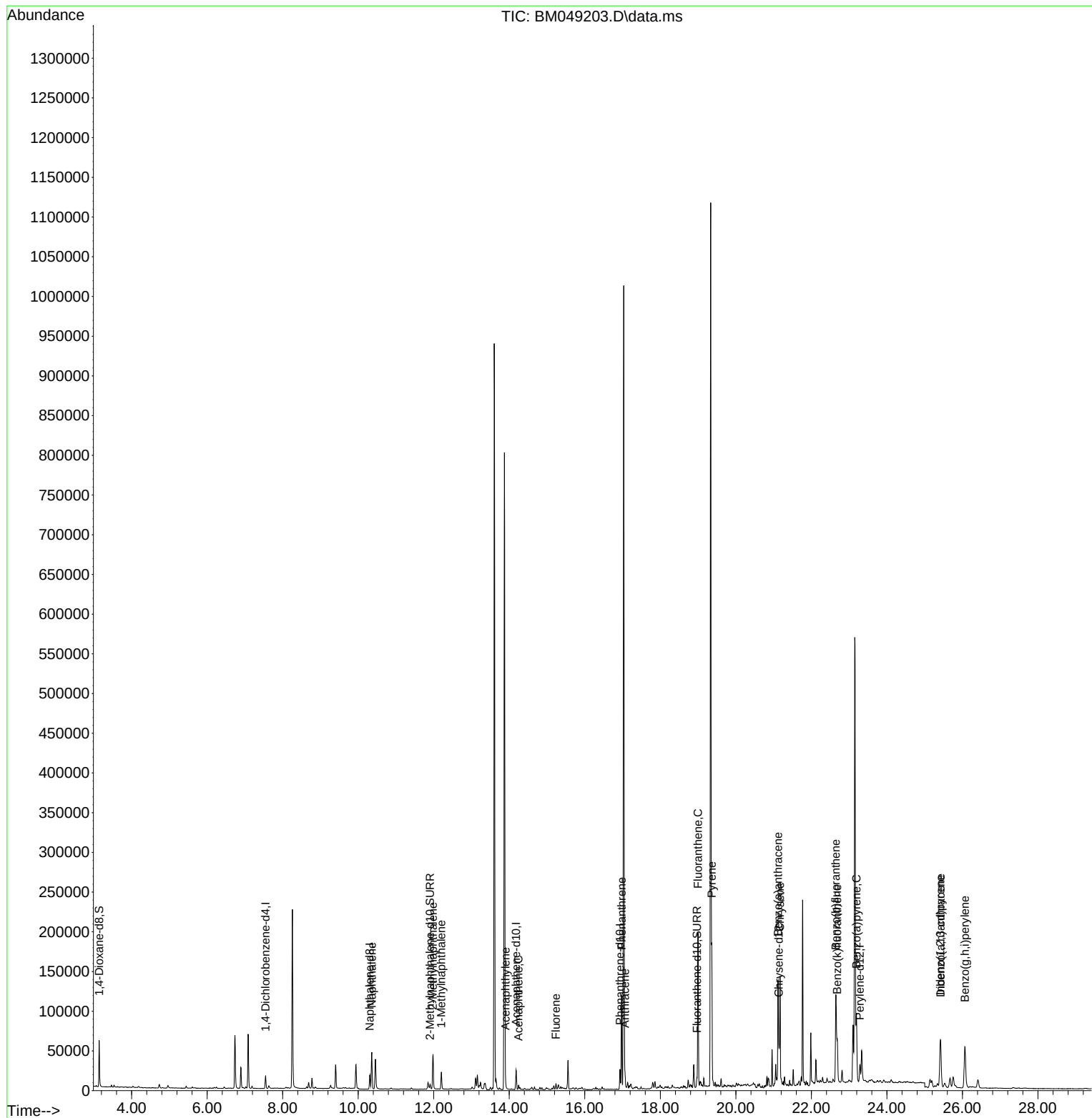
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
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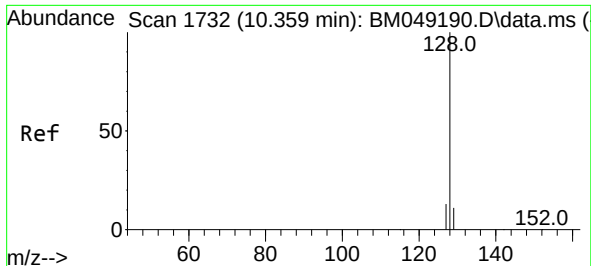
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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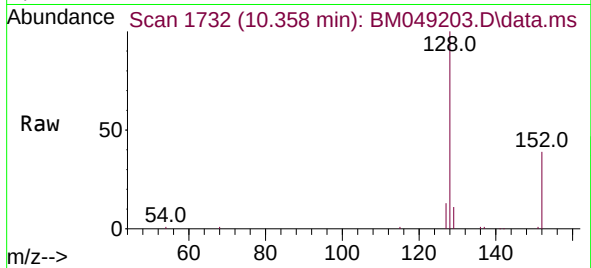
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024





#5
Naphthalene
Concen: 0.830 ng/ul
RT: 10.358 min Scan# 1732
Delta R.T. -0.022 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36

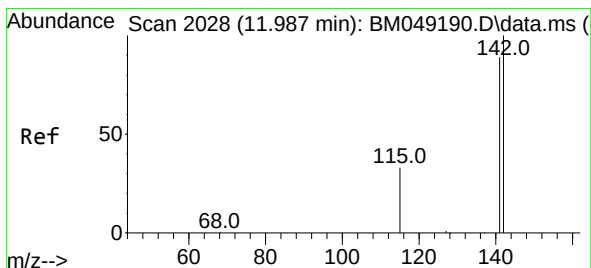
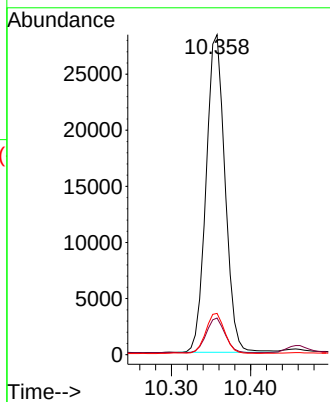
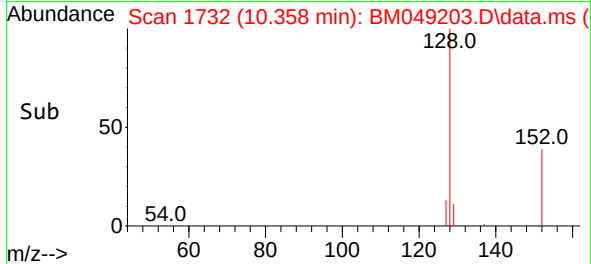
Instrument :
BNA_M
ClientSampleId :
E2915



Tgt Ion:128 Resp: 46910
Ion Ratio Lower Upper
128 100
129 11.5 9.7 14.5
127 12.9 10.6 16.0

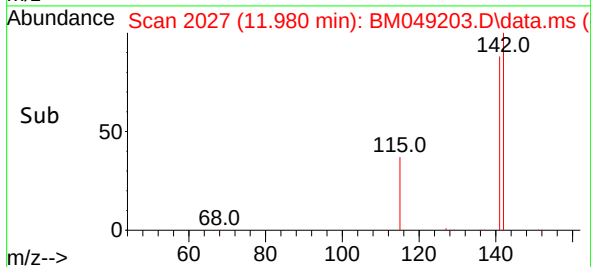
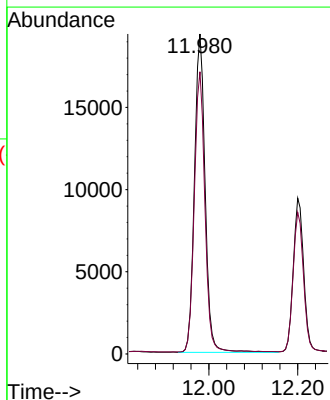
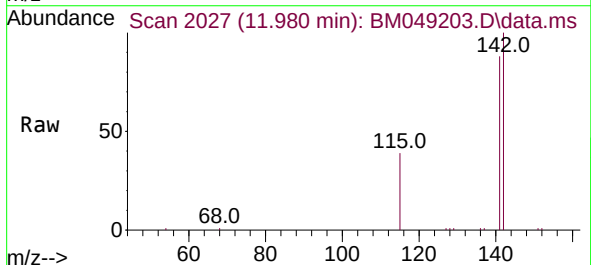
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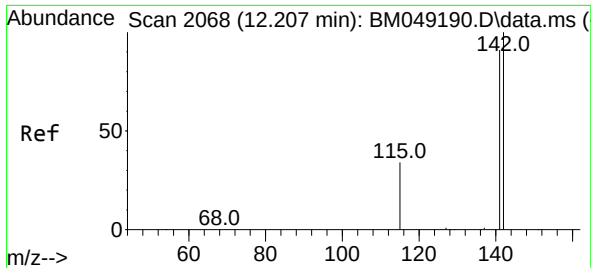
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#7
2-Methylnaphthalene
Concen: 0.901 ng/ul
RT: 11.980 min Scan# 2027
Delta R.T. -0.022 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36

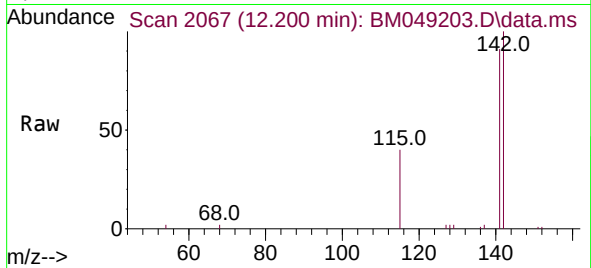
Tgt Ion:142 Resp: 32289
Ion Ratio Lower Upper
142 100
141 87.3 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.200 min Scan# 2068
Delta R.T. -0.022 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36

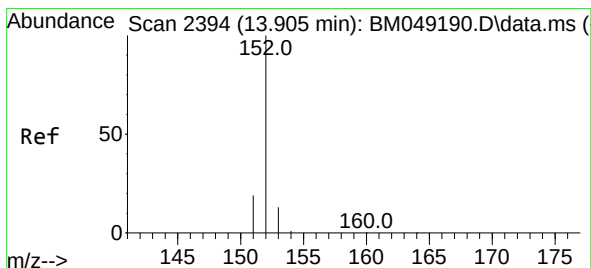
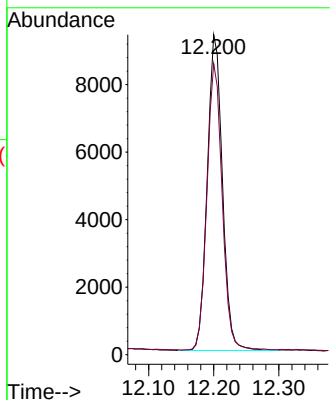
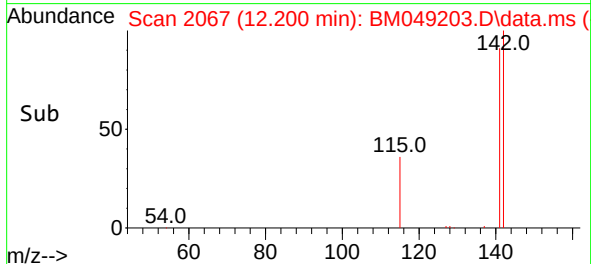
Instrument :
BNA_M
ClientSampleId :
E2915



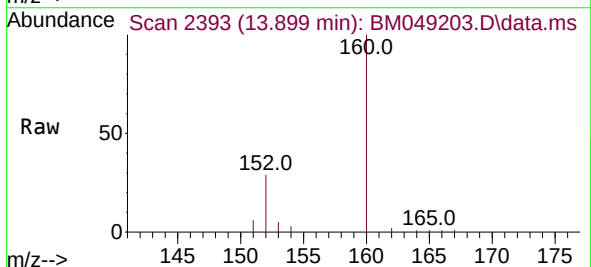
Tgt Ion:142 Resp: 1513
Ion Ratio Lower Upper
142 100
141 91.3 72.7 109.1

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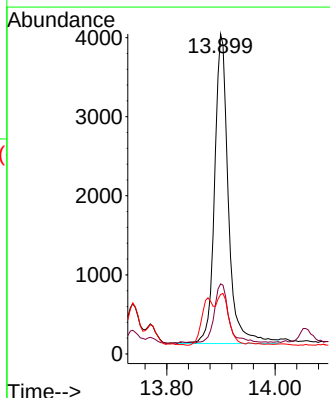
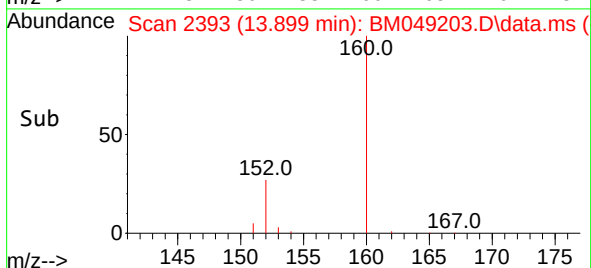
Reviewed By :Yogesh Patel 12/26/2024
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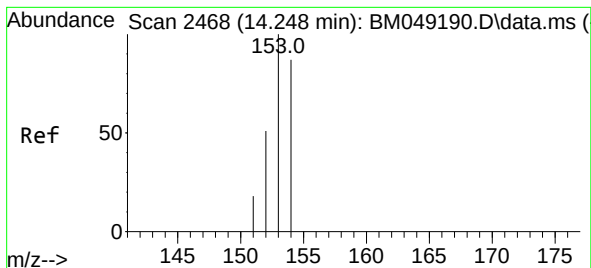


#10
Acenaphthylene
Concen: 0.131 ng/ul
RT: 13.899 min Scan# 2393
Delta R.T. -0.019 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36



Tgt Ion:152 Resp: 6914
Ion Ratio Lower Upper
152 100
151 21.9 16.0 24.0
153 18.6 11.0 16.6#





#11

Acenaphthene

Concen: 0.089 ng/u1

RT: 14.246 min Scan# 2468

Delta R.T. -0.019 min

Lab File: BM049203.D

Acq: 25 Dec 2024 02:36

Instrument :

BNA_M

ClientSampleId :

E2915

Tgt Ion:153 Resp: 3430

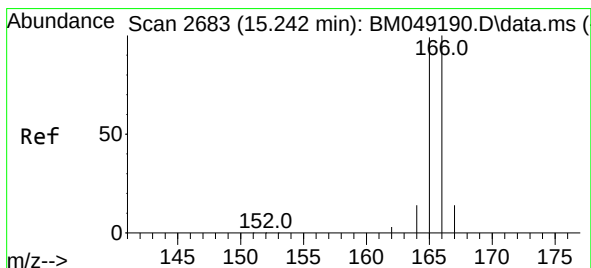
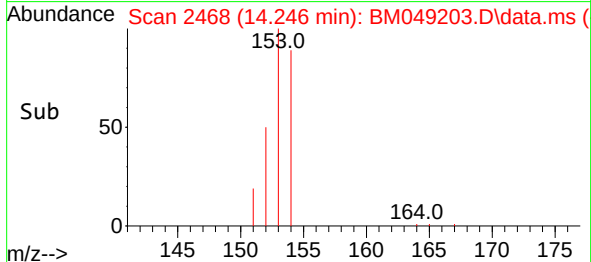
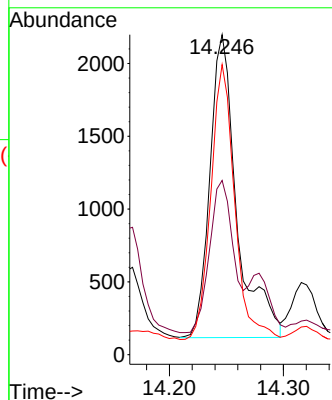
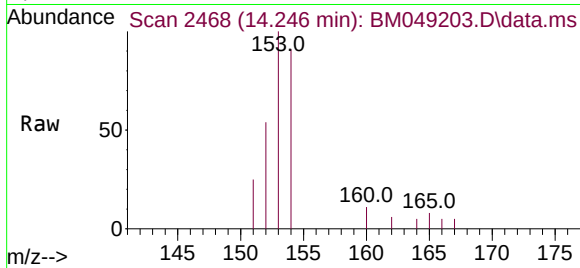
Ion	Ratio	Lower	Upper
153	100		
152	54.5	40.7	61.1
154	90.7	70.8	106.2

Manual Integrations

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#12

Fluorene

Concen: 0.079 ng/u1

RT: 15.236 min Scan# 2682

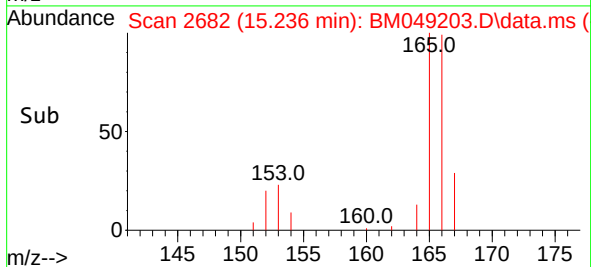
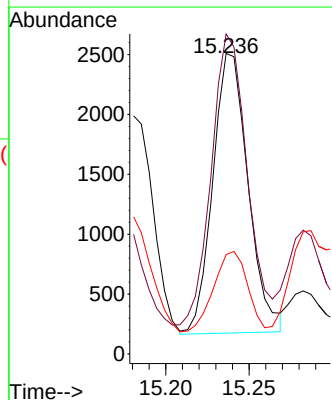
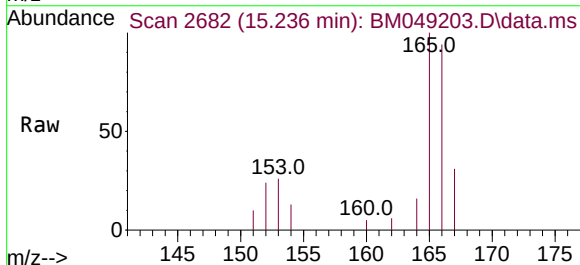
Delta R.T. -0.019 min

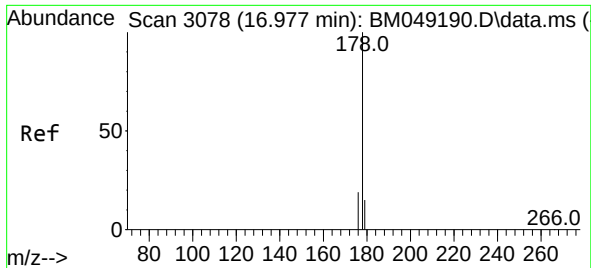
Lab File: BM049203.D

Acq: 25 Dec 2024 02:36

Tgt Ion:166 Resp: 3441

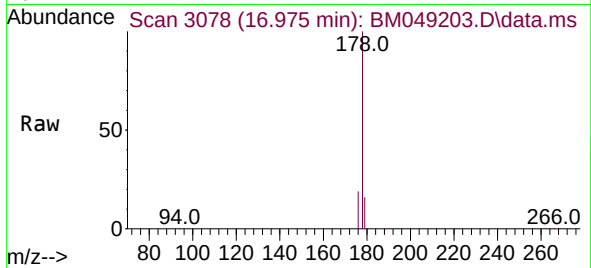
Ion	Ratio	Lower	Upper
166	100		
165	106.5	79.7	119.5
167	33.1	11.4	17.0#





#15
Phenanthrene
Concen: 1.583 ng/ul m
RT: 16.975 min Scan# 3078
Delta R.T. -0.017 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36

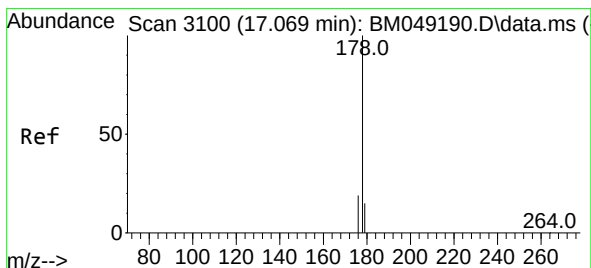
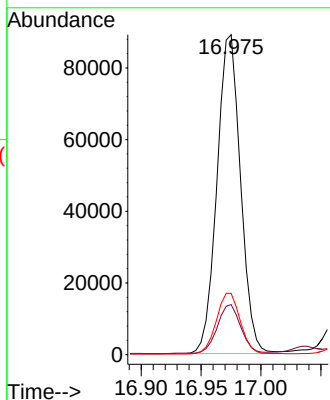
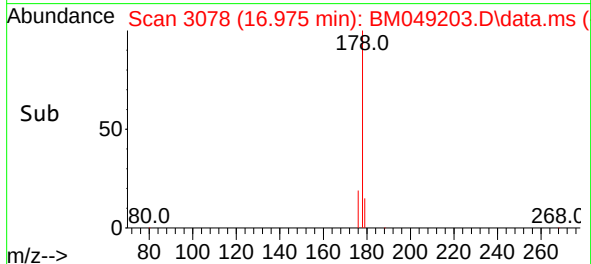
Instrument :
BNA_M
ClientSampleId :
E2915



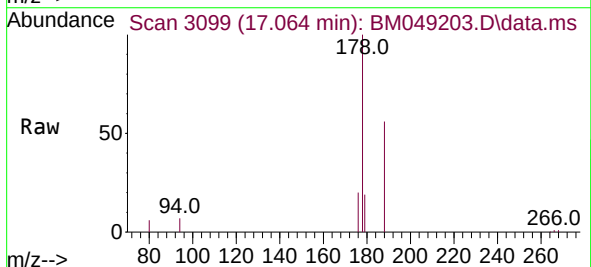
Tgt Ion:178 Resp: 12178
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 19.2 16.2 24.2

Manual Integrations
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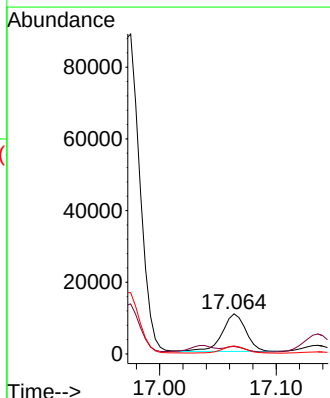
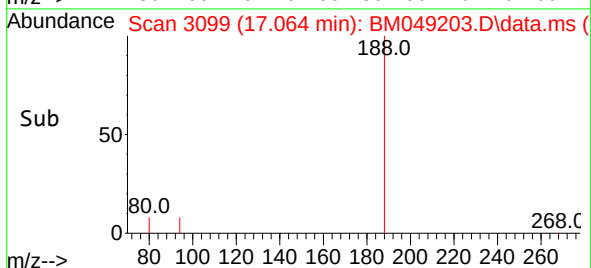
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

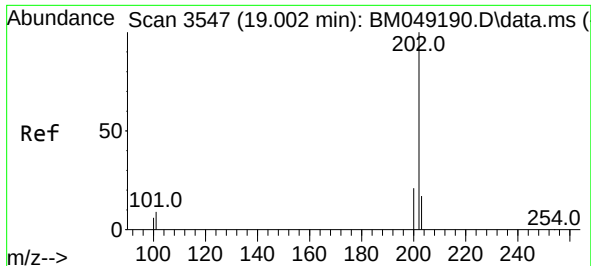


#16
Anthracene
Concen: 0.210 ng/ul m
RT: 17.064 min Scan# 3099
Delta R.T. -0.021 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36



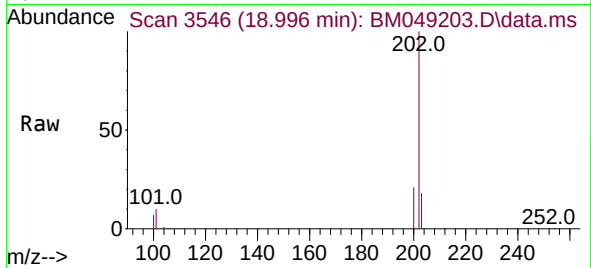
Tgt Ion:178 Resp: 14859
Ion Ratio Lower Upper
178 100
179 18.7 12.9 19.3
176 19.8 15.3 22.9





#19
Fluoranthene
Concen: 1.922 ng/ul
RT: 18.996 min Scan# 3546
Delta R.T. -0.019 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36

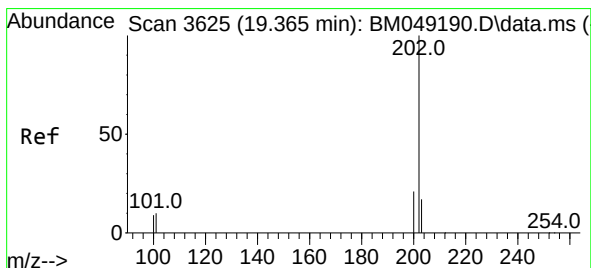
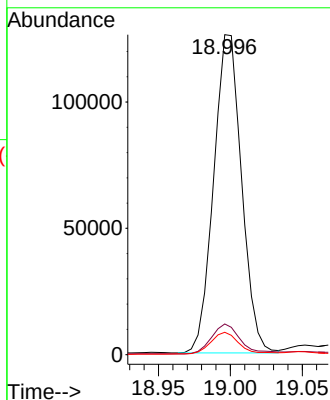
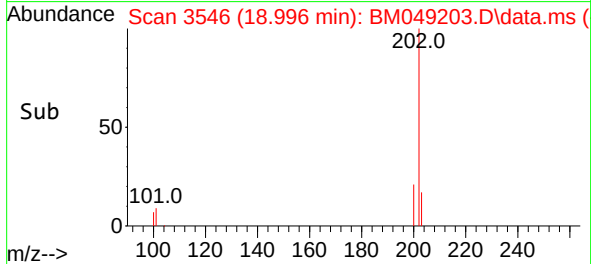
Instrument :
BNA_M
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E2915



Tgt Ion:202 Resp: 170275
Ion Ratio Lower Upper
202 100
101 9.6 7.6 11.4
100 7.0 5.5 8.3

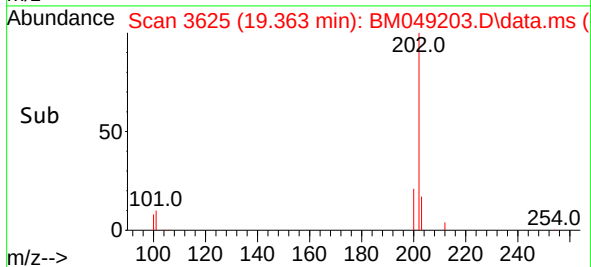
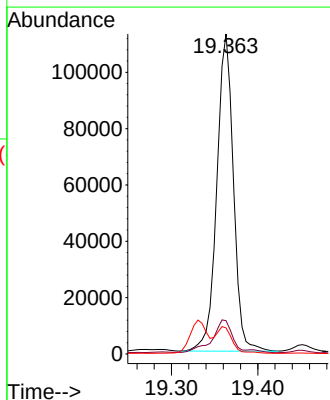
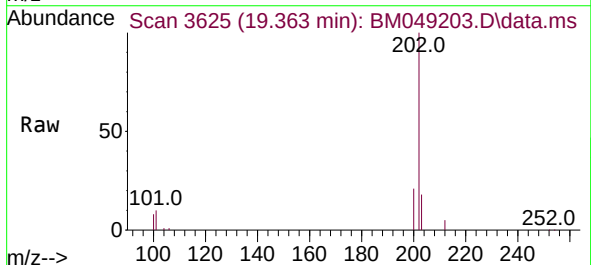
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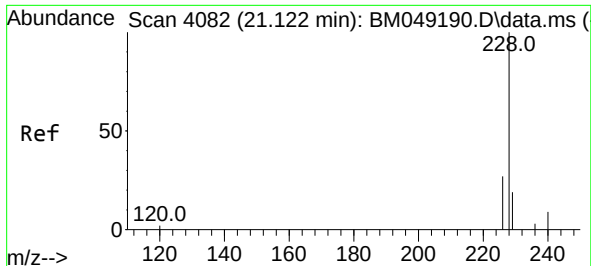
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#20
Pyrene
Concen: 1.601 ng/ul
RT: 19.363 min Scan# 3625
Delta R.T. -0.014 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36

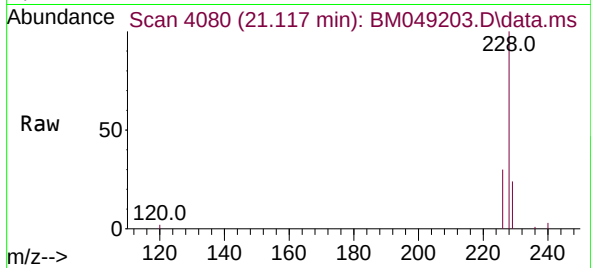
Tgt Ion:202 Resp: 151299
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 8.2 6.9 10.3





#21
Benzo(a)anthracene
Concen: 1.195 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. -0.015 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36

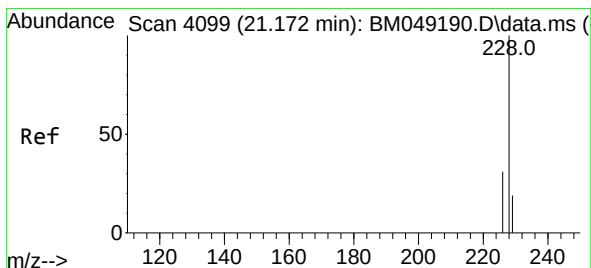
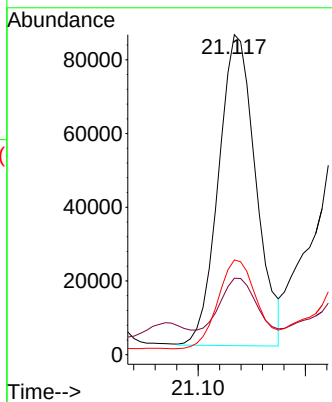
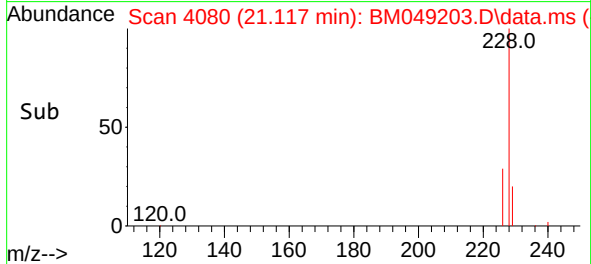
Instrument :
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Tgt Ion:228 Resp: 101915
Ion Ratio Lower Upper
228 100
229 23.9 15.9 23.9
226 29.6 22.6 34.0

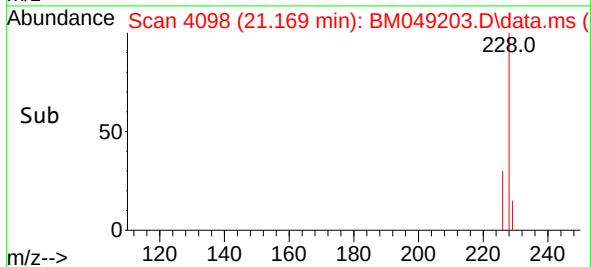
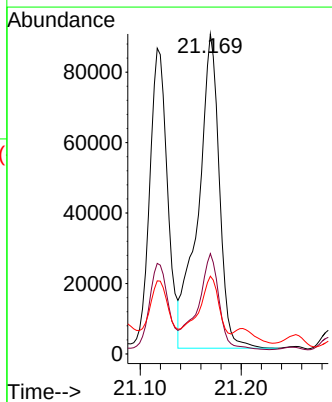
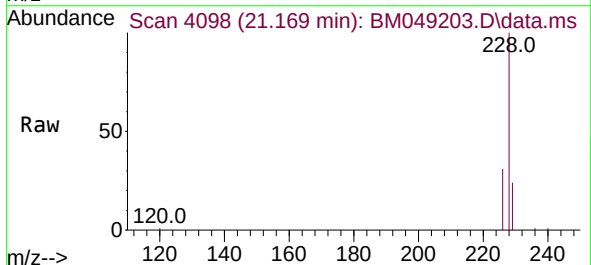
Manual Integrations
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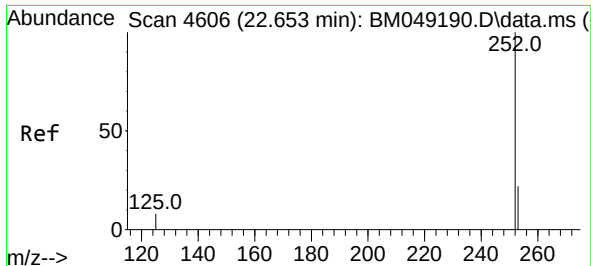
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#22
Chrysene
Concen: 1.416 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.015 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36

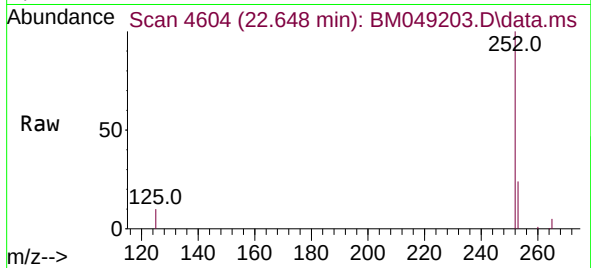
Tgt Ion:228 Resp: 129509
Ion Ratio Lower Upper
228 100
226 31.4 24.1 36.1
229 24.3 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 1.933 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. -0.015 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36

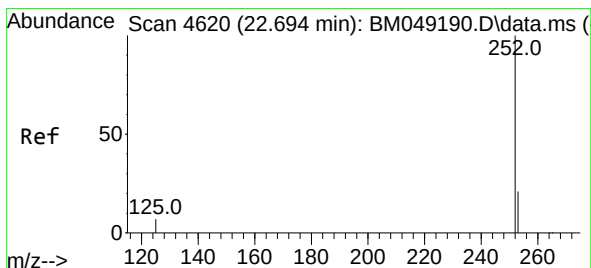
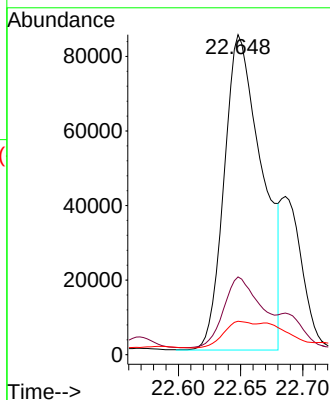
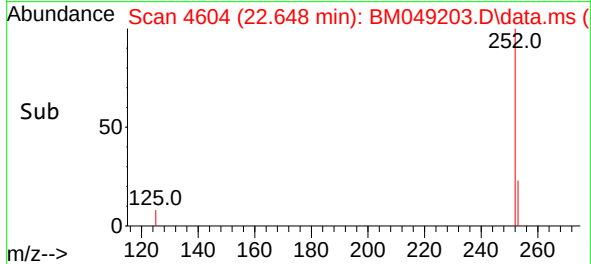
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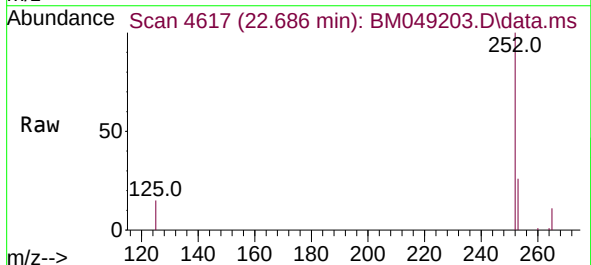
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Ion Ratio Lower Upper
252 100
253 24.3 0.0 52.6
125 10.5 0.0 30.8

Manual Integrations
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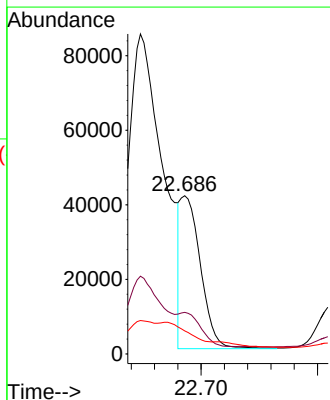
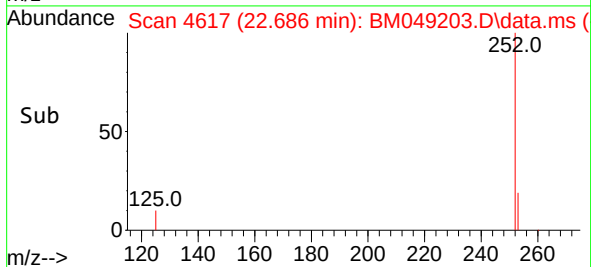
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

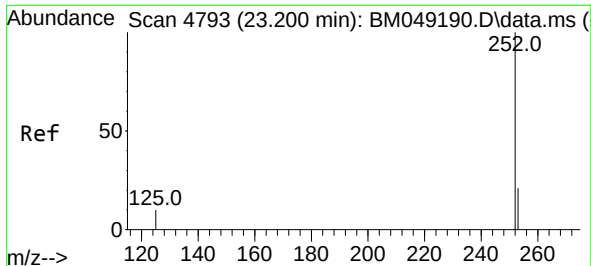


#25
Benzo(k)fluoranthene
Concen: 0.484 ng/ul m
RT: 22.686 min Scan# 4617
Delta R.T. -0.021 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36



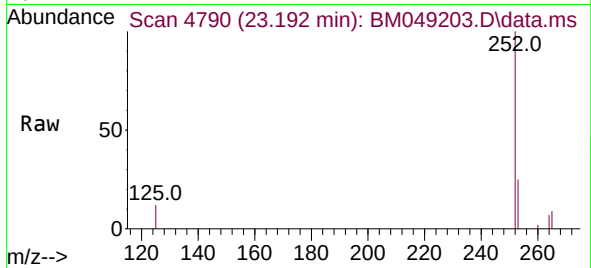
Tgt Ion:252 Resp: 49417
Ion Ratio Lower Upper
252 100
253 26.3 21.3 31.9
125 14.5 12.6 18.8





#26
Benzo(a)pyrene
Concen: 1.215 ng/ul m
RT: 23.192 min Scan# 4790
Delta R.T. -0.018 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36

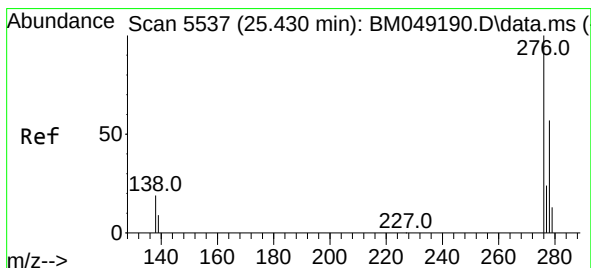
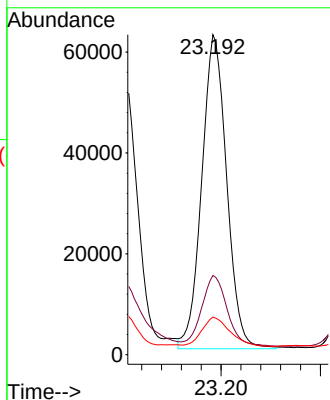
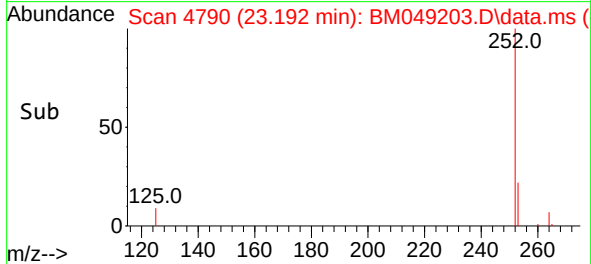
Instrument :
BNA_M
ClientSampleId :
E2915



Tgt Ion:252 Resp: 10850
Ion Ratio Lower Upper
252 100
253 24.8 22.4 33.6
125 11.7 14.8 22.2

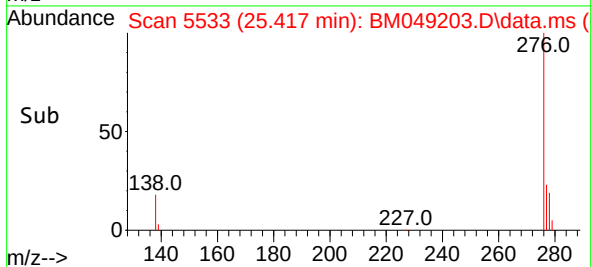
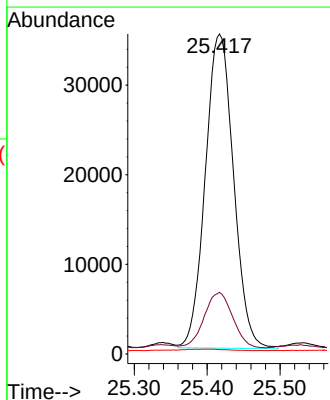
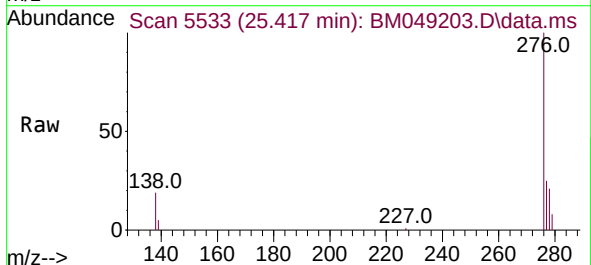
Manual Integrations
APPROVED

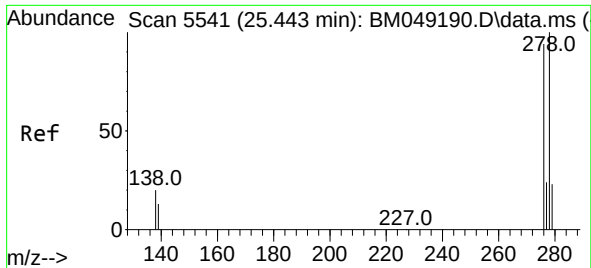
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.748 ng/ul
RT: 25.417 min Scan# 5533
Delta R.T. -0.030 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36

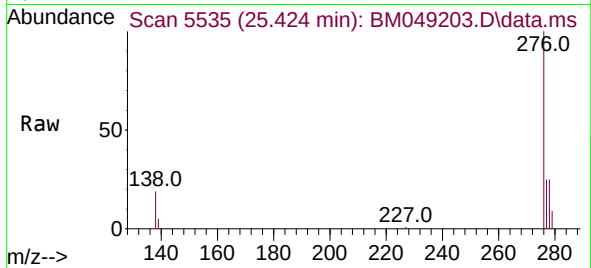
Tgt Ion:276 Resp: 94563
Ion Ratio Lower Upper
276 100
138 18.0 17.4 26.2
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.247 ng/ul
RT: 25.424 min Scan# 51
Delta R.T. -0.044 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36

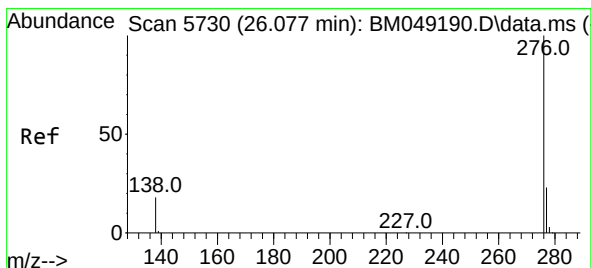
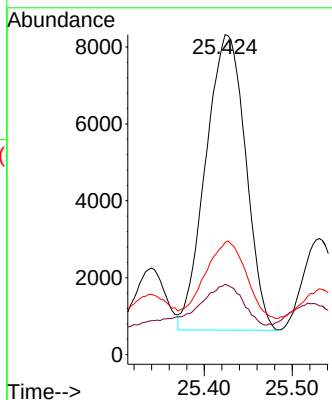
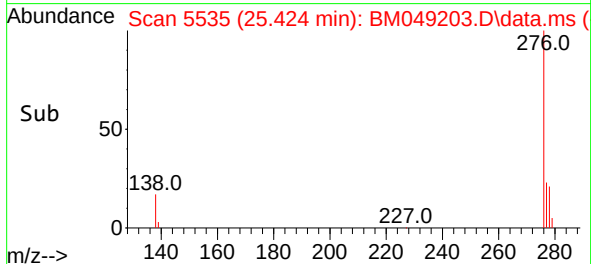
Instrument :
BNA_M
ClientSampleId :
E2915



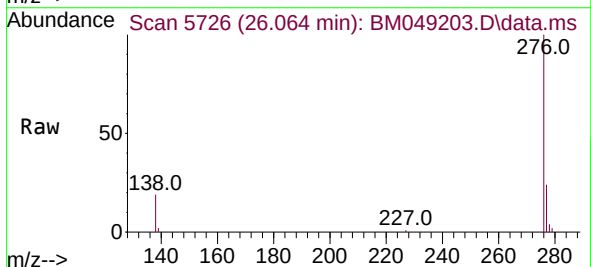
Tgt Ion:278 Resp: 2425
Ion Ratio Lower Upper
278 100
139 21.9 13.5 20.3
279 35.0 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Benzo(g,h,i)perylene
Concen: 1.041 ng/ul
RT: 26.064 min Scan# 5726
Delta R.T. -0.030 min
Lab File: BM049203.D
Acq: 25 Dec 2024 02:36



Tgt Ion:276 Resp: 105813
Ion Ratio Lower Upper
276 100
138 19.0 16.7 25.1
277 24.4 19.9 29.9

