

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049201.D
 Acq On : 25 Dec 2024 01:25
 Operator : RC/JU
 Sample : P5333-21MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2923MS

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 01:59:18 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	6260	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	19402	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.186	164	11340	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.933	188	24308	0.400	ng/ul	-0.02
17) Chrysene-d12	21.134	240	20896	0.400	ng/ul	-0.01
23) Perylene-d12	23.285	264	22766	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	1843	0.255	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.909	152	4864	0.187	ng/ul	-0.02
18) Fluoranthene-d10	18.968	212	11997	0.202	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	4660	0.552	ng/ul	89
5) Naphthalene	10.358	128	13019	0.268	ng/ul	99
7) 2-Methylnaphthalene	11.980	142	7598	0.247	ng/ul	97
8) 1-Methylnaphthalene	12.200	142	7659	0.243	ng/ul	99
10) Acenaphthylene	13.899	152	11004	0.234	ng/ul	98
11) Acenaphthene	14.246	153	16518	0.481	ng/ul	99
12) Fluorene	15.241	166	18043	0.466	ng/ul	98
14) Pentachlorophenol	16.595	266	558	0.083	ng/ul	98
15) Phenanthrene	16.975	178	218800	3.446	ng/ul	98
16) Anthracene	17.064	178	55927	0.960	ng/ul	100
19) Fluoranthene	18.996	202	411942	5.452	ng/ul	99
20) Pyrene	19.363	202	256307	3.181	ng/ul	97
21) Benzo(a)anthracene	21.117	228	192274	2.645	ng/ul	99
22) Chrysene	21.170	228	173702	2.227	ng/ul	98
24) Benzo(b)fluoranthene	22.648	252	213749m	2.939	ng/ul	
25) Benzo(k)fluoranthene	22.686	252	99025m	1.241	ng/ul	
26) Benzo(a)pyrene	23.192	252	70872m	1.016	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.417	276	73083	0.740	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.430	278	35508	0.463	ng/ul	98
29) Benzo(g,h,i)perylene	26.064	276	9504	0.120	ng/ul	91

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

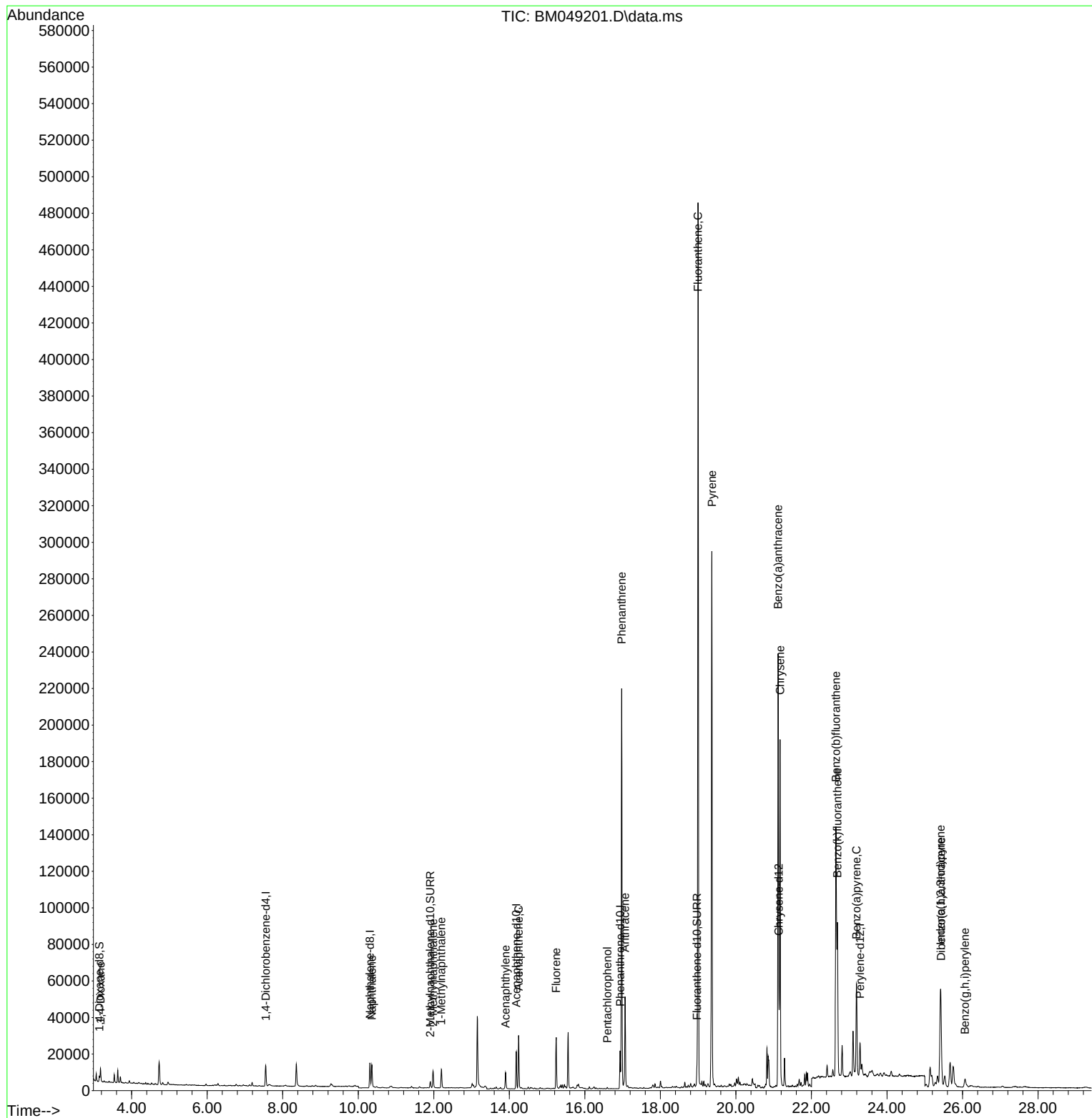
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049201.D
Acq On : 25 Dec 2024 01:25
Operator : RC/JU
Sample : P5333-21MS
Misc :
ALS Vial : 66 Sample Multiplier: 1

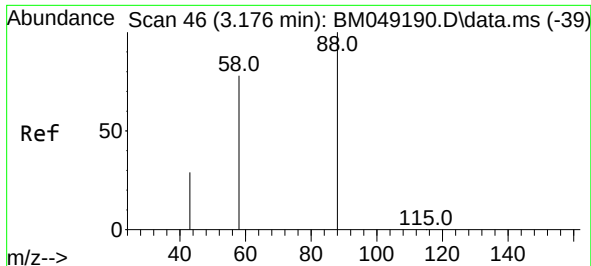
Instrument :
BNA_M
ClientSampleId :
E2923MS

Quant Time: Dec 25 01:59:18 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

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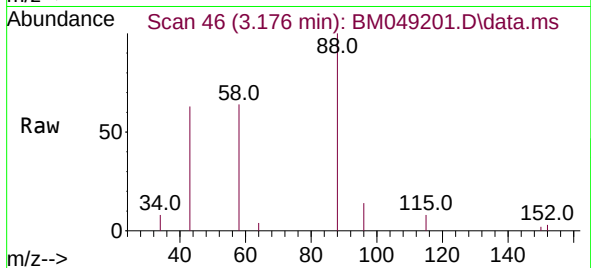
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024





#2
1,4-Dioxane
Concen: 0.552 ng/ul
RT: 3.176 min Scan# 46
Delta R.T. -0.009 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

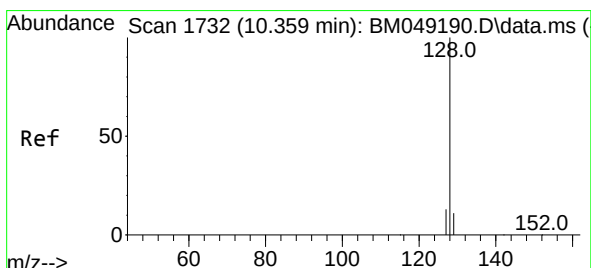
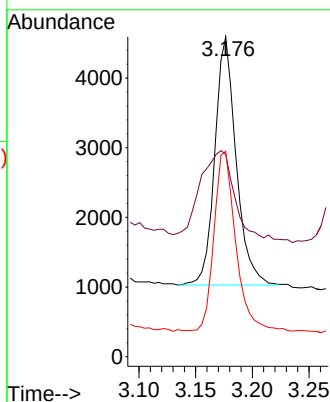
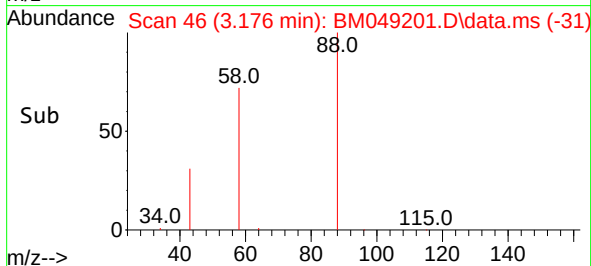
Instrument :
BNA_M
ClientSampleId :
E2923MS



Tgt Ion: 88 Resp: 4660
Ion Ratio Lower Upper
88 100
43 63.2 45.4 68.2
58 64.2 43.6 65.4

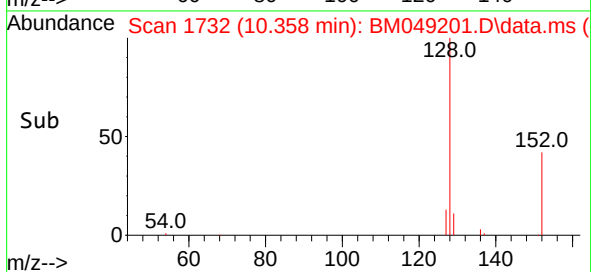
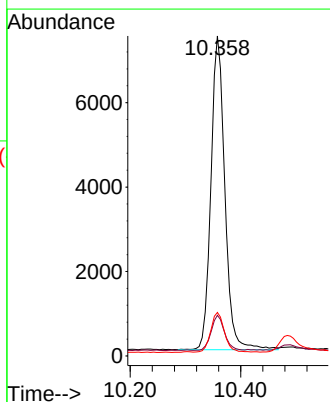
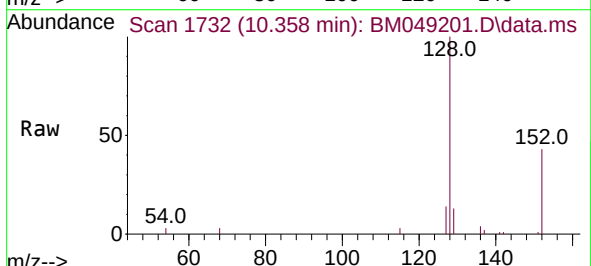
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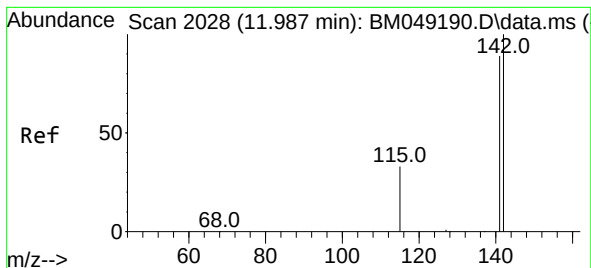
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#5
Naphthalene
Concen: 0.268 ng/ul
RT: 10.358 min Scan# 1732
Delta R.T. -0.022 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

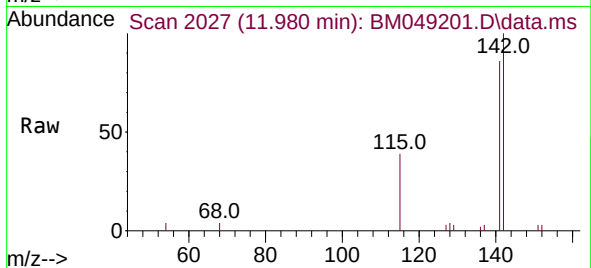
Tgt Ion:128 Resp: 13019
Ion Ratio Lower Upper
128 100
129 12.7 9.7 14.5
127 13.6 10.6 16.0





#7
2-Methylnaphthalene
Concen: 0.247 ng/ul
RT: 11.980 min Scan# 2027
Delta R.T. -0.022 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

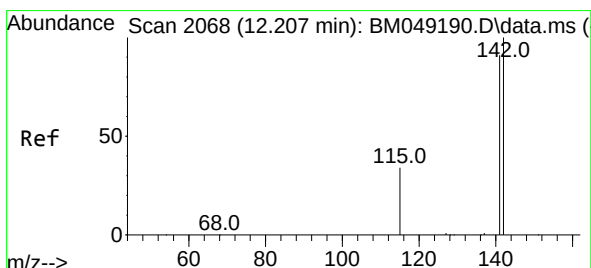
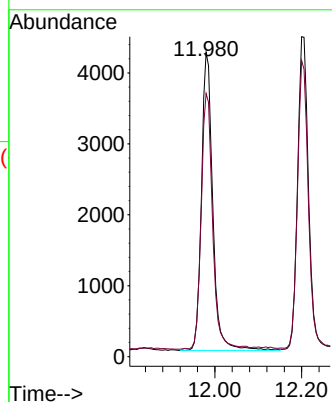
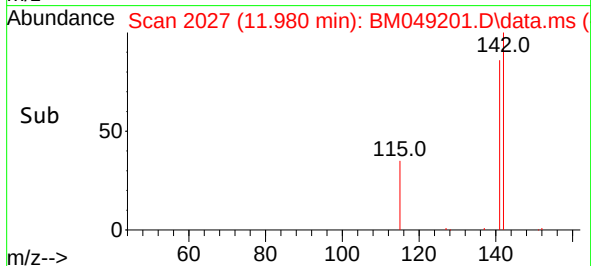
Instrument :
BNA_M
ClientSampleId :
E2923MS



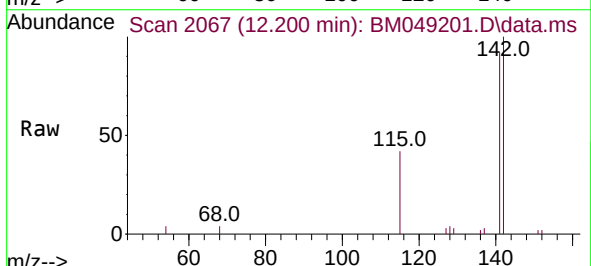
Tgt Ion:142 Resp: 7598
Ion Ratio Lower Upper
142 100
141 86.9 71.7 107.5

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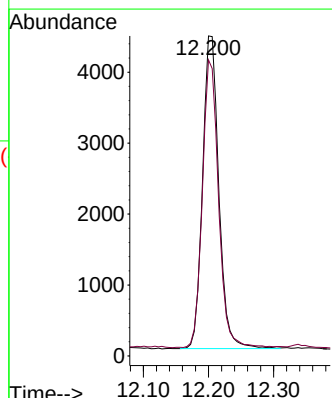
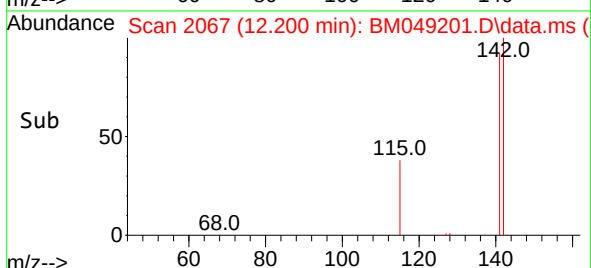
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

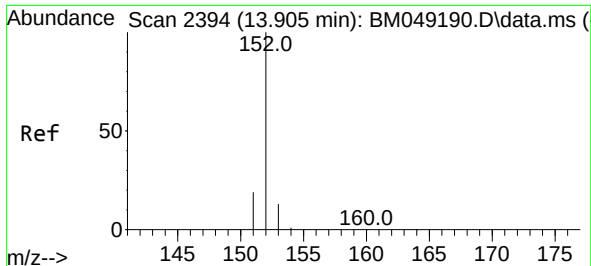


#8
1-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 12.200 min Scan# 2067
Delta R.T. -0.022 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25



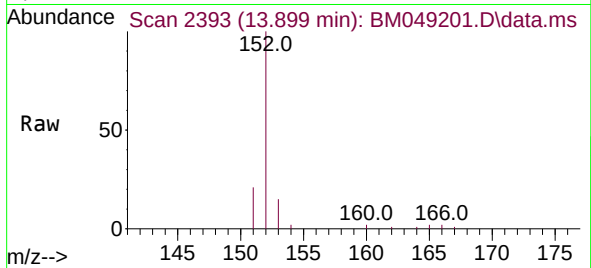
Tgt Ion:142 Resp: 7659
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1





#10
Acenaphthylene
Concen: 0.234 ng/ul
RT: 13.899 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

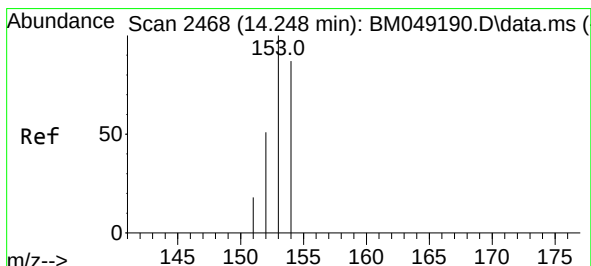
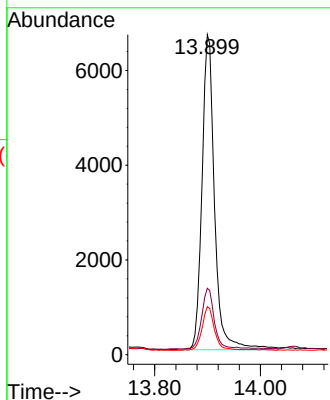
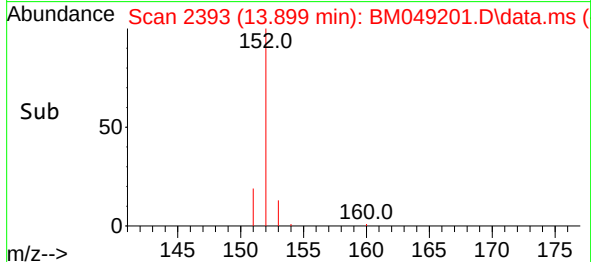
Instrument :
BNA_M
ClientSampleId :
E2923MS



Tgt Ion:152 Resp: 11004
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 15.0 11.0 16.6

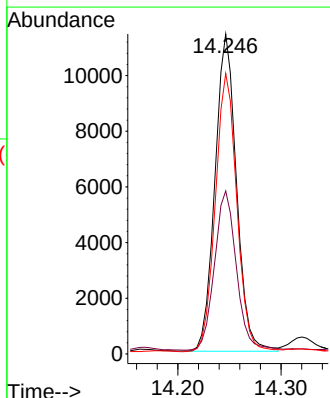
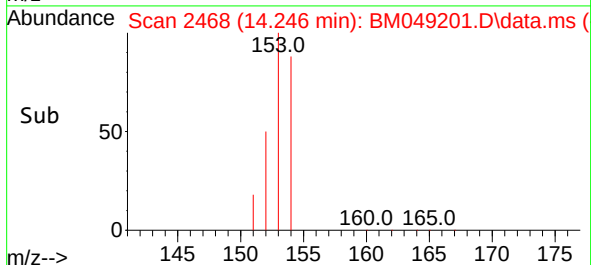
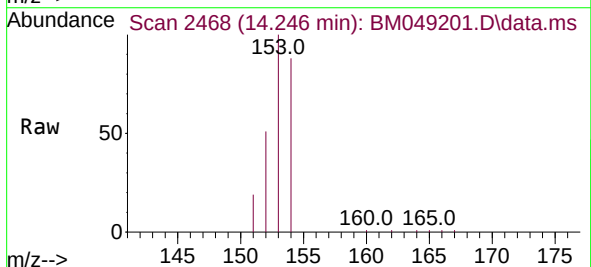
Manual Integrations
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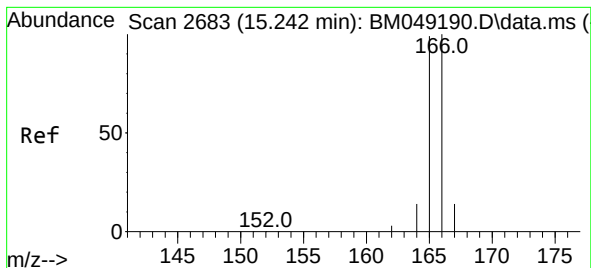
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#11
Acenaphthene
Concen: 0.481 ng/ul
RT: 14.246 min Scan# 2468
Delta R.T. -0.018 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

Tgt Ion:153 Resp: 16518
Ion Ratio Lower Upper
153 100
152 51.0 40.7 61.1
154 87.6 70.8 106.2





#12

Fluorene

Concen: 0.466 ng/ul

RT: 15.241 min Scan# 20

Delta R.T. -0.014 min

Lab File: BM049201.D

Acq: 25 Dec 2024 01:25

Instrument :

BNA_M

ClientSampleId :

E2923MS

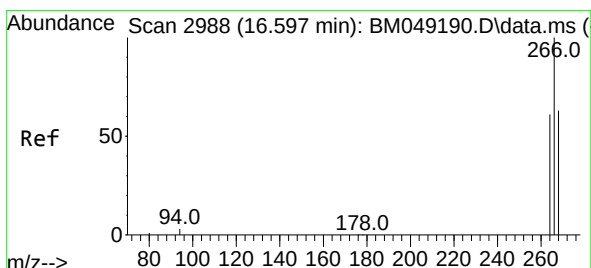
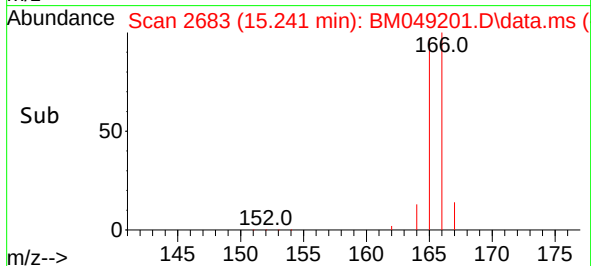
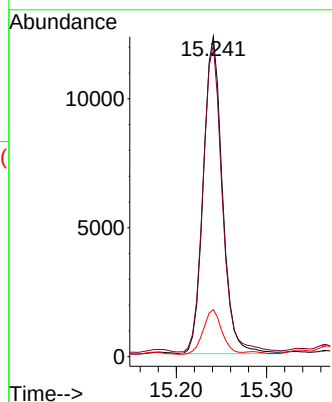
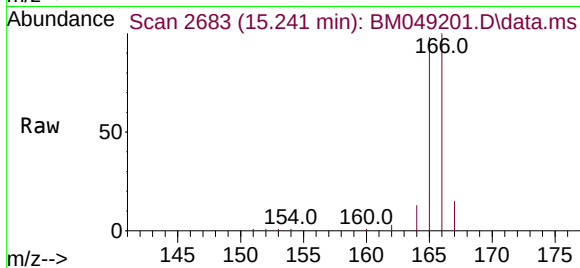
Tgt Ion:	166	Resp:	1804
Ion Ratio	Lower	Upper	
166	100		
165	97.6	79.7	119.5
167	14.7	11.4	17.0

Manual Integrations

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Supervised By :mohammad ahmed 12/26/2024



#14

Pentachlorophenol

Concen: 0.083 ng/ul

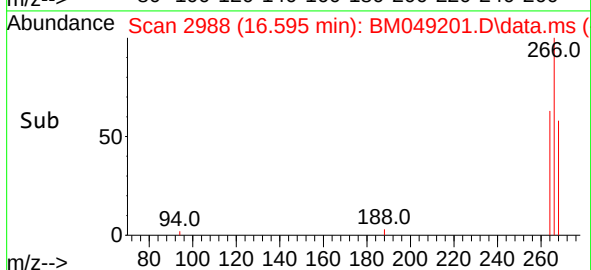
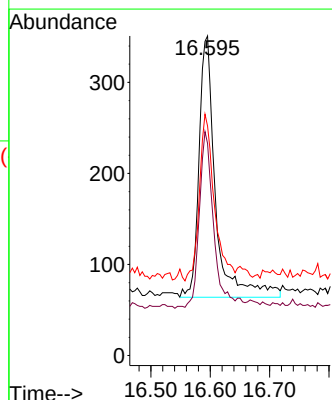
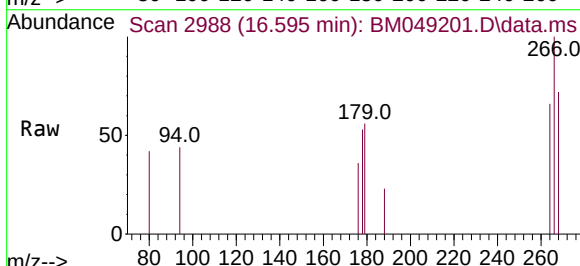
RT: 16.595 min Scan# 2988

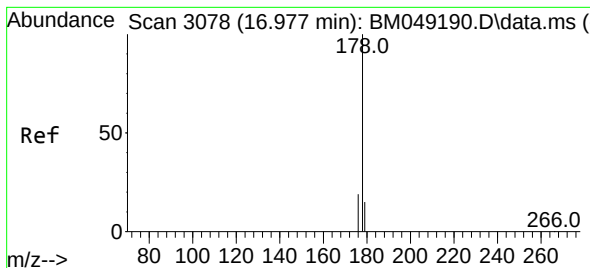
Delta R.T. -0.013 min

Lab File: BM049201.D

Acq: 25 Dec 2024 01:25

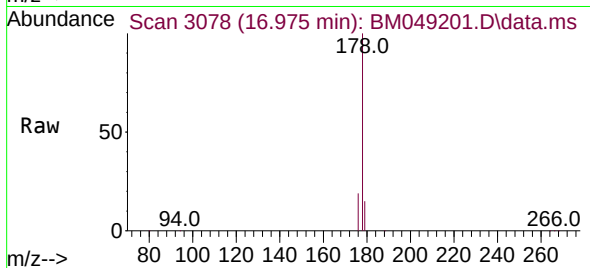
Tgt Ion:	266	Resp:	558
Ion Ratio	Lower	Upper	
266	100		
264	59.1	48.3	72.5
268	57.7	47.5	71.3





#15
Phenanthrene
Concen: 3.446 ng/u1
RT: 16.975 min Scan# 3078
Delta R.T. -0.017 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

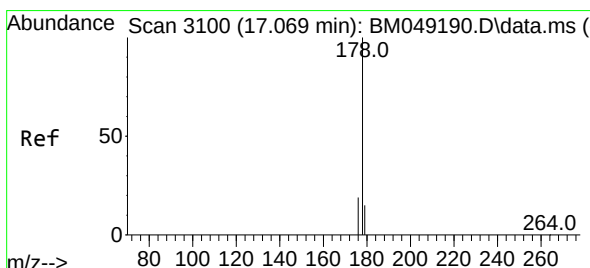
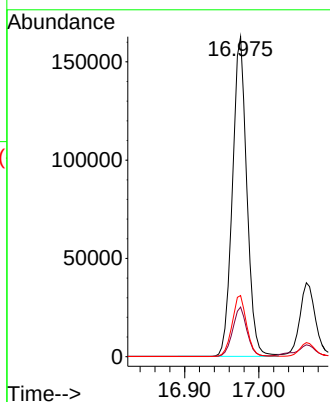
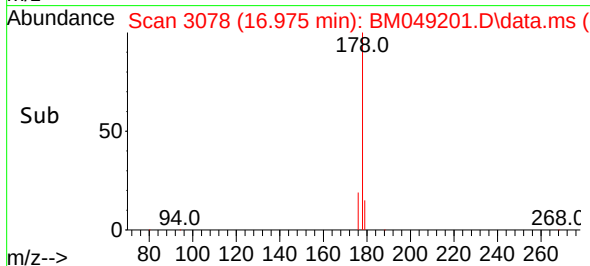
Instrument :
BNA_M
ClientSampleId :
E2923MS



Tgt Ion:178 Resp: 218800
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.1 16.2 24.2

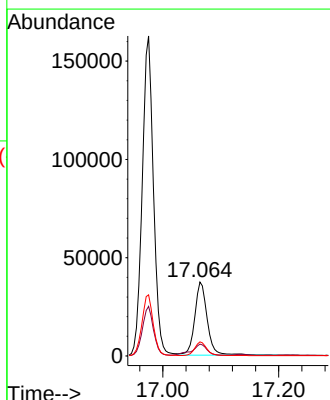
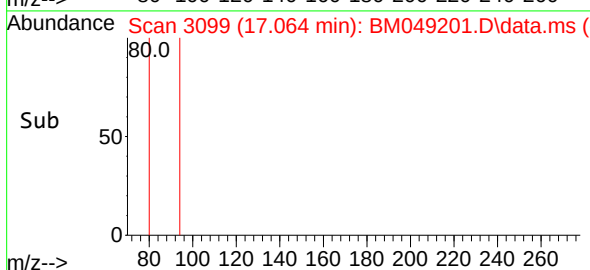
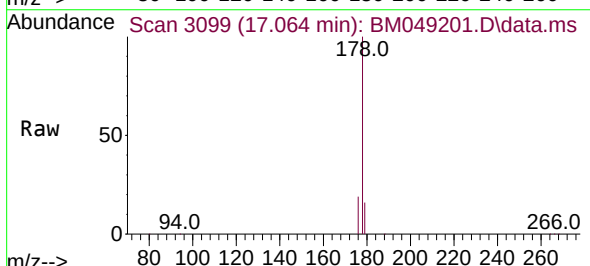
Manual Integrations
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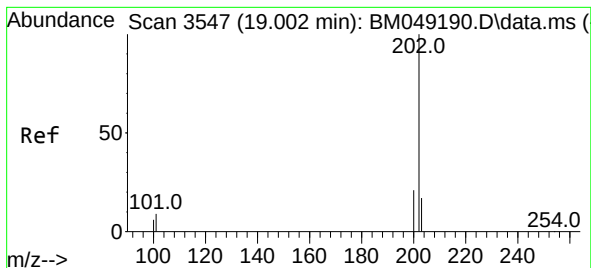
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#16
Anthracene
Concen: 0.960 ng/u1
RT: 17.064 min Scan# 3099
Delta R.T. -0.021 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

Tgt Ion:178 Resp: 55927
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.0 15.3 22.9





#19

Fluoranthene

Concen: 5.452 ng/ul

RT: 18.996 min Scan# 3

Delta R.T. -0.019 min

Lab File: BM049201.D

Acq: 25 Dec 2024 01:25

Instrument :

BNA_M

ClientSampleId :

E2923MS

Tgt Ion:202 Resp: 41194

Ion Ratio Lower Upper

202 100

101 9.1 7.6 11.4

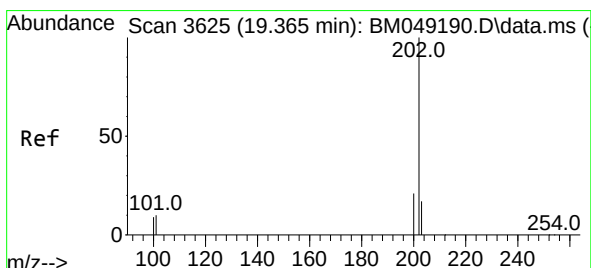
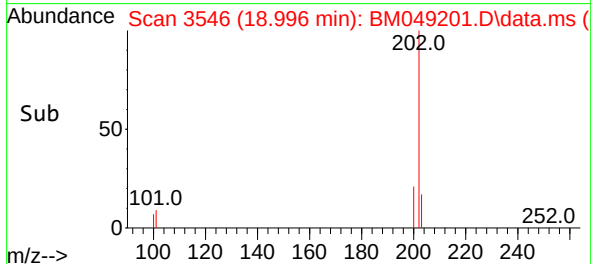
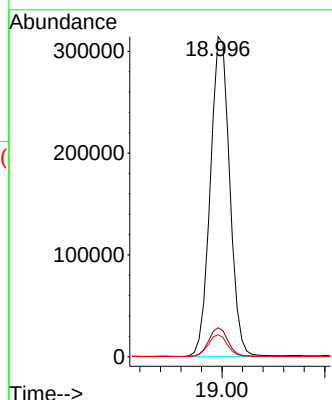
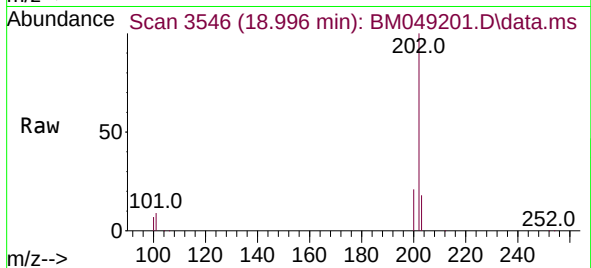
100 6.9 5.5 8.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#20

Pyrene

Concen: 3.181 ng/ul

RT: 19.363 min Scan# 3625

Delta R.T. -0.014 min

Lab File: BM049201.D

Acq: 25 Dec 2024 01:25

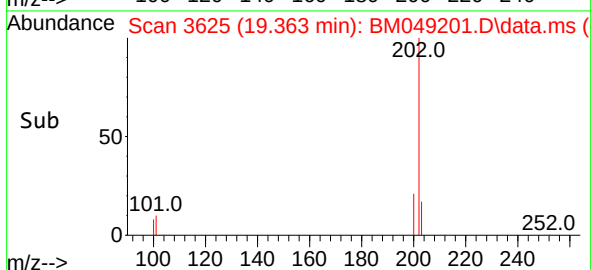
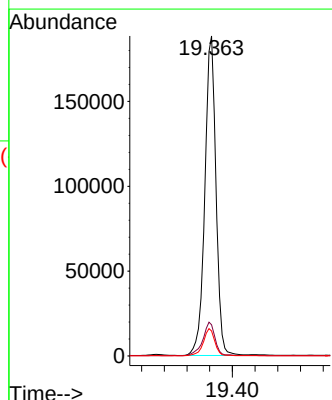
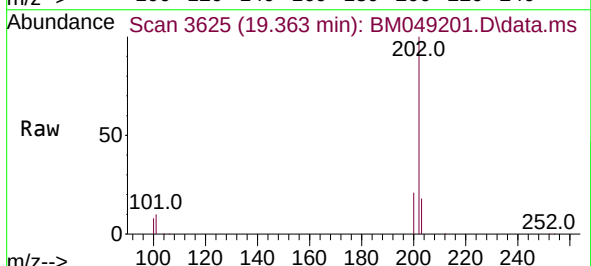
Tgt Ion:202 Resp: 256307

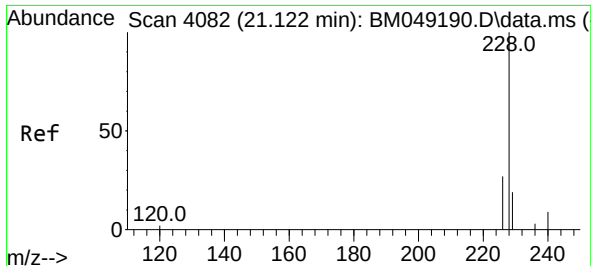
Ion Ratio Lower Upper

202 100

101 9.8 8.9 13.3

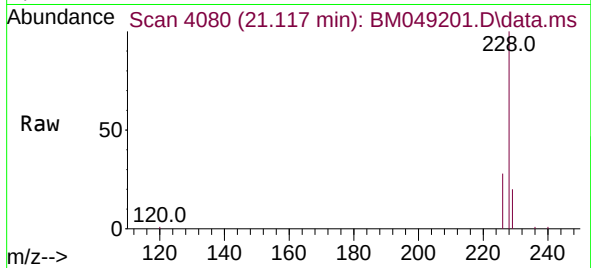
100 7.8 6.9 10.3





#21
Benzo(a)anthracene
Concen: 2.645 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. -0.015 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

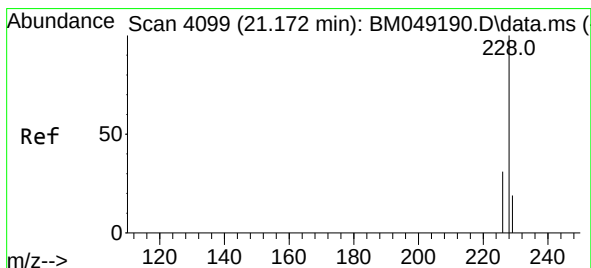
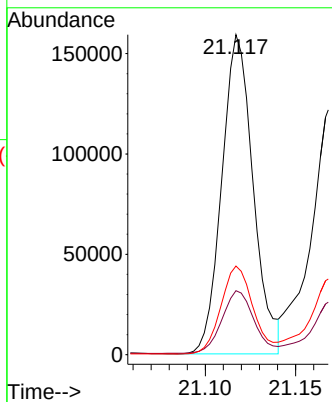
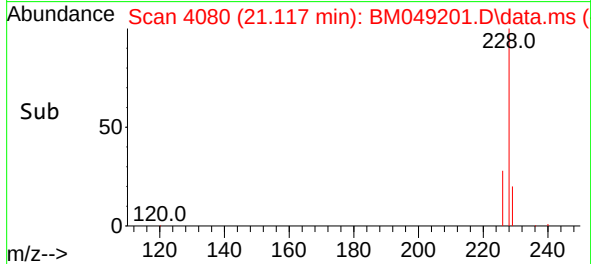
Instrument :
BNA_M
ClientSampleId :
E2923MS



Tgt Ion:228 Resp: 192274
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 27.7 22.6 34.0

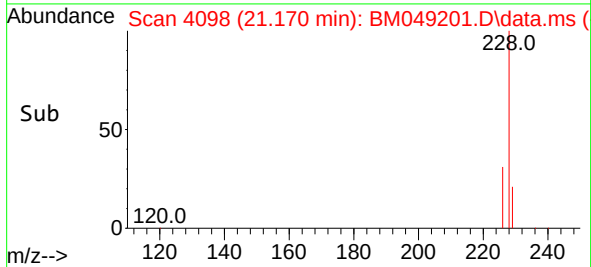
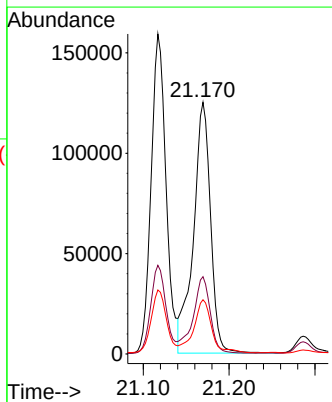
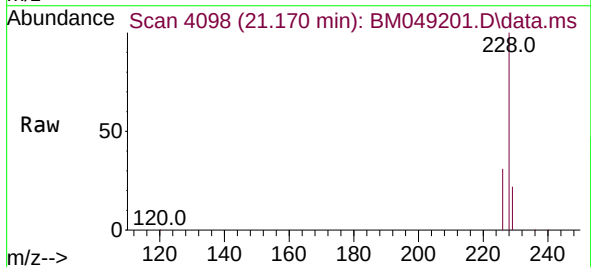
Manual Integrations
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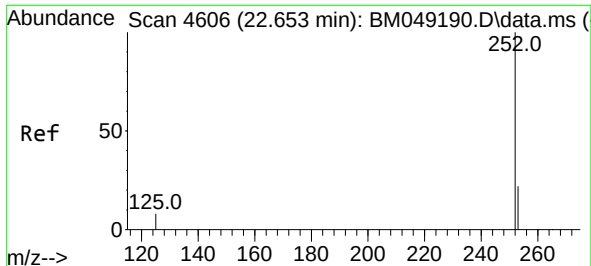
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#22
Chrysene
Concen: 2.227 ng/ul
RT: 21.170 min Scan# 4098
Delta R.T. -0.015 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

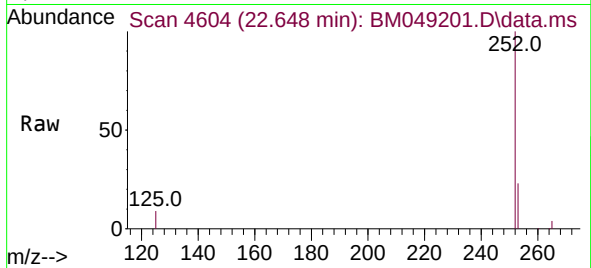
Tgt Ion:228 Resp: 173702
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 21.6 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 2.939 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. -0.015 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

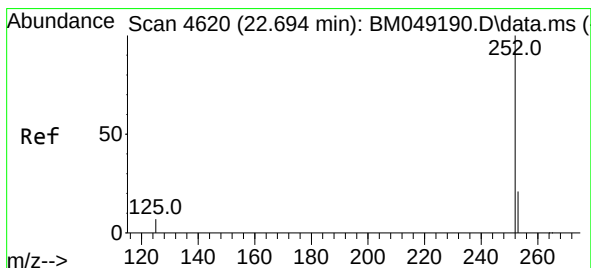
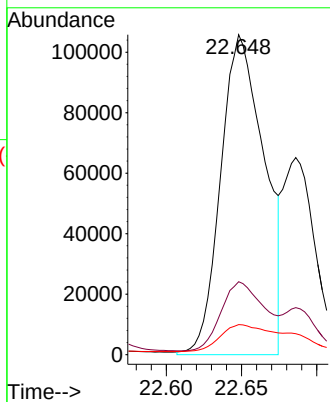
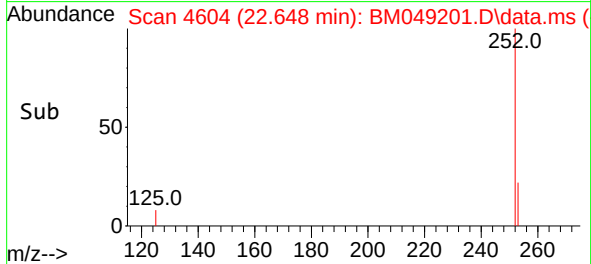
Instrument :
BNA_M
ClientSampleId :
E2923MS



Tgt Ion:252 Resp: 213749
Ion Ratio Lower Upper
252 100
253 22.8 0.0 52.6
125 9.4 0.0 30.8

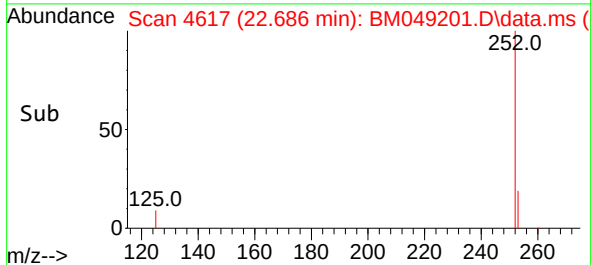
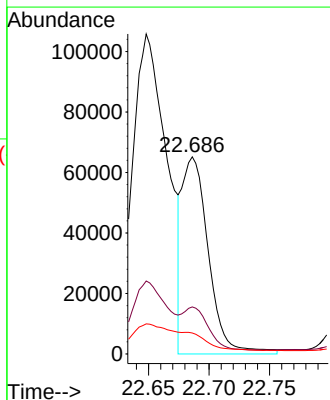
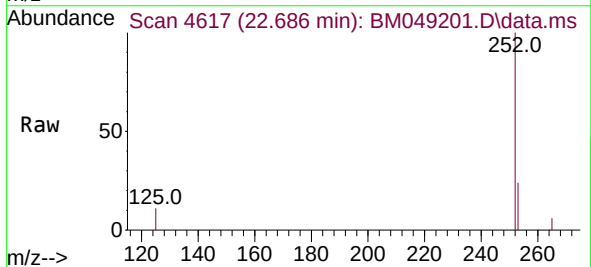
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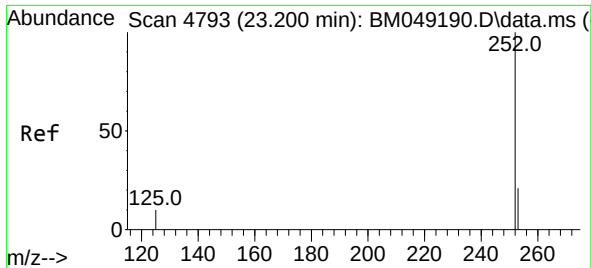
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#25
Benzo(k)fluoranthene
Concen: 1.241 ng/ul m
RT: 22.686 min Scan# 4617
Delta R.T. -0.020 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

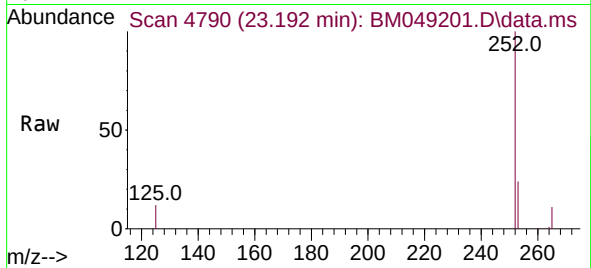
Tgt Ion:252 Resp: 99025
Ion Ratio Lower Upper
252 100
253 23.8 21.3 31.9
125 10.6 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 1.016 ng/ul m
RT: 23.192 min Scan# 4793
Delta R.T. -0.017 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

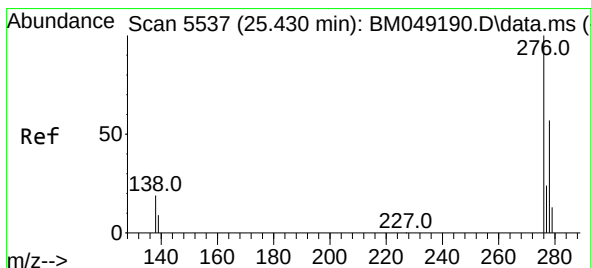
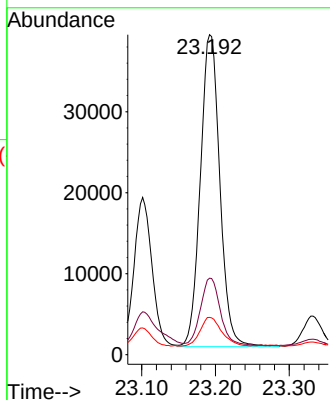
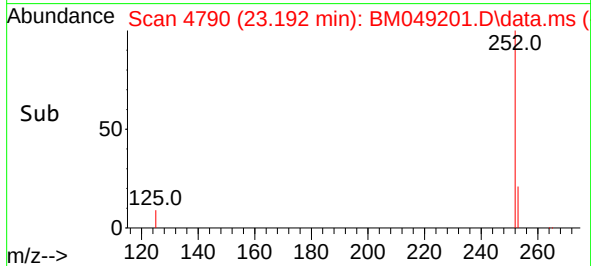
Instrument :
BNA_M
ClientSampleId :
E2923MS



Tgt Ion:252 Resp: 70872
Ion Ratio Lower Upper
252 100
253 23.9 22.4 33.6
125 11.7 14.8 22.2

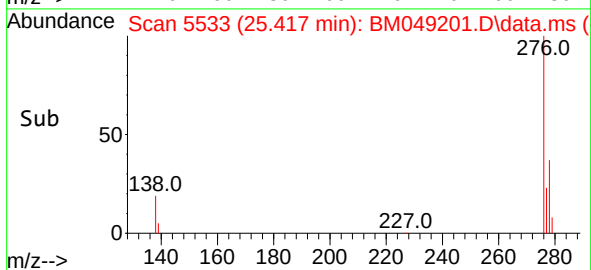
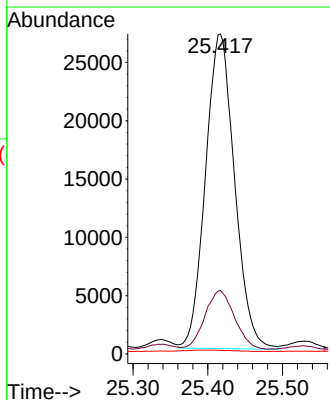
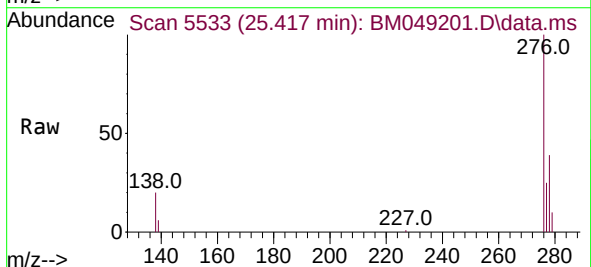
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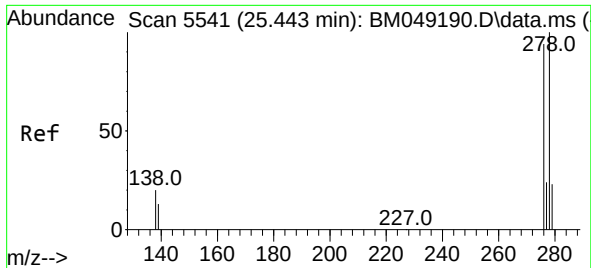
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.740 ng/ul
RT: 25.417 min Scan# 5533
Delta R.T. -0.030 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

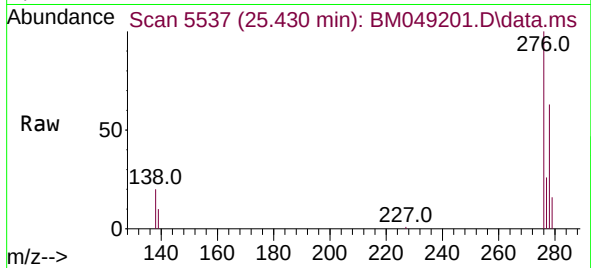
Tgt Ion:276 Resp: 73083
Ion Ratio Lower Upper
276 100
138 19.3 17.4 26.2
227 0.7 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.463 ng/ul
RT: 25.430 min Scan# 51
Delta R.T. -0.037 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

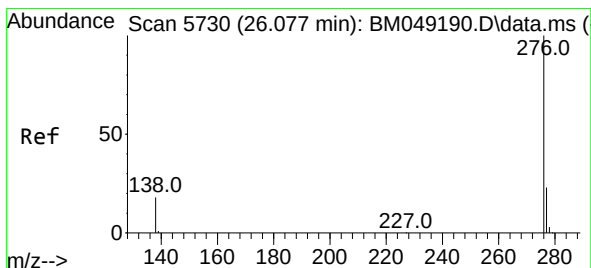
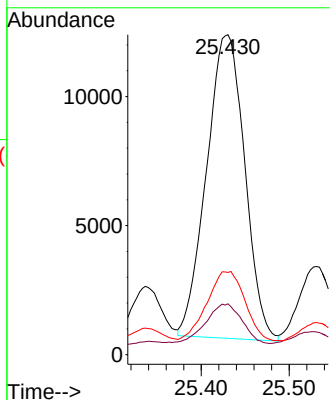
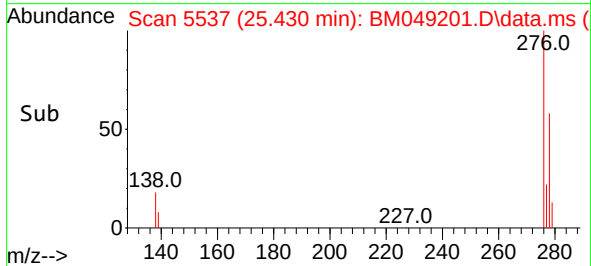
Instrument :
BNA_M
ClientSampleId :
E2923MS



Tgt Ion:278 Resp: 35508
Ion Ratio Lower Upper
278 100
139 15.9 13.5 20.3
279 25.7 21.5 32.3

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



#29
Benzo(g,h,i)perylene
Concen: 0.120 ng/ul
RT: 26.064 min Scan# 5726
Delta R.T. -0.030 min
Lab File: BM049201.D
Acq: 25 Dec 2024 01:25

Tgt Ion:276 Resp: 9504
Ion Ratio Lower Upper
276 100
138 24.9 16.7 25.1
277 29.4 19.9 29.9

