

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049130.D
 Acq On : 21 Dec 2024 09:38
 Operator : RC/JU
 Sample : P5265-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2901

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 23:07:04 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	7.556	152	8487	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.319	136	26860	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.195	164	15178	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	33342m	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	27457m	0.400	ng/ul	0.00
23) Perylene-d12	23.300	264	26910m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	38295	3.912	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.919	152	8317	0.230	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	15847	0.203	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	6358	0.095	ng/ul#	94
7) 2-Methylnaphthalene	11.991	142	2895	0.068	ng/ul	98
8) 1-Methylnaphthalene	12.211	142	2739	0.063	ng/ul	99
10) Acenaphthylene	13.909	152	2143	0.034	ng/ul#	73
11) Acenaphthene	14.256	153	2944	0.064	ng/ul	97
12) Fluorene	15.246	166	2478	0.048	ng/ul#	93
15) Phenanthrene	16.984	178	145703m	1.673	ng/ul	
16) Anthracene	17.072	178	18005m	0.225	ng/ul	
19) Fluoranthene	19.005	202	254089	2.559	ng/ul	99
20) Pyrene	19.373	202	200681	1.896	ng/ul	98
21) Benzo(a)anthracene	21.129	228	86769	0.908	ng/ul	99
22) Chrysene	21.178	228	88198	0.860	ng/ul	97
24) Benzo(b)fluoranthene	22.660	252	108079m	1.257	ng/ul	
25) Benzo(k)fluoranthene	22.698	252	39488m	0.419	ng/ul	
26) Benzo(a)pyrene	23.206	252	68544m	0.831	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.437	276	54993	0.471	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.447	278	11602	0.128	ng/ul#	83
29) Benzo(g,h,i)perylene	26.091	276	59639	0.636	ng/ul	99

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

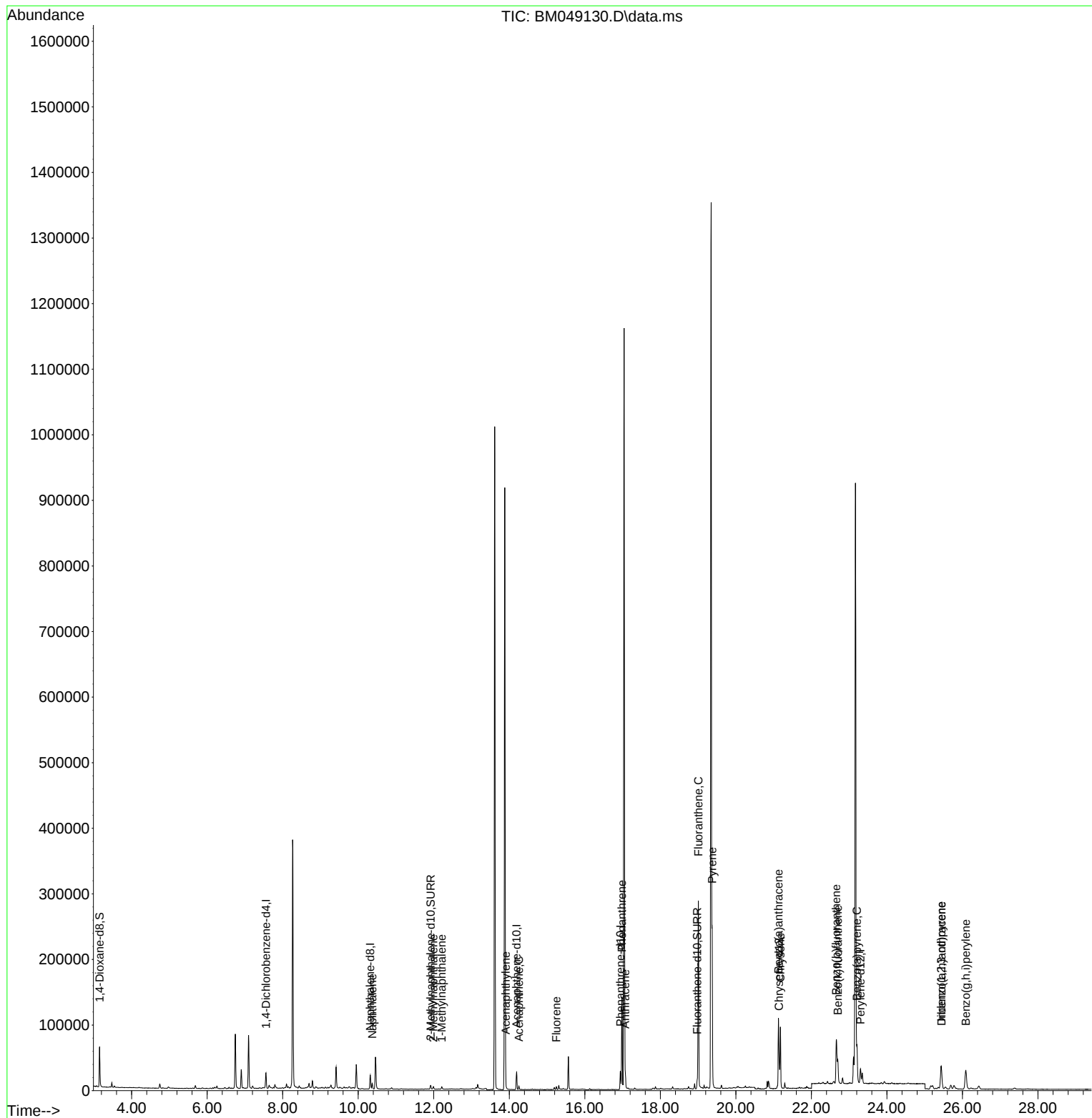
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049130.D
Acq On : 21 Dec 2024 09:38
Operator : RC/JU
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ALS Vial : 31 Sample Multiplier: 1

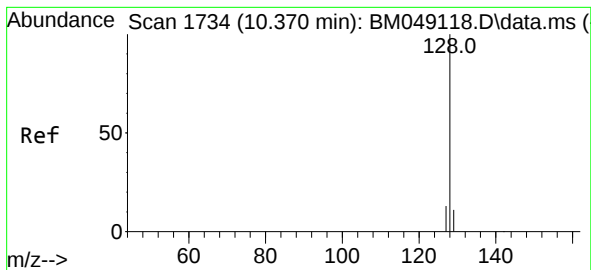
Instrument :
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ClientSampleId :
E2901

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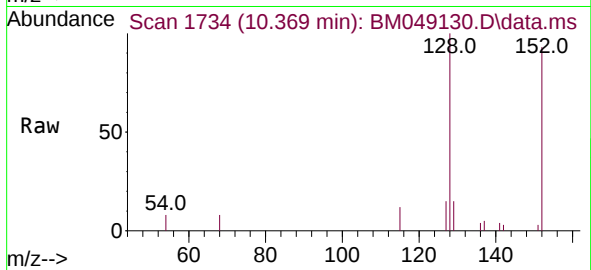
Quant Time: Dec 22 23:07:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.095 ng/ul
RT: 10.369 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

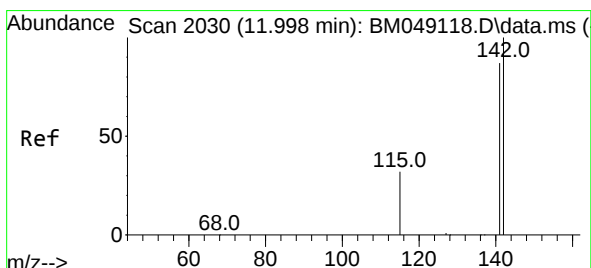
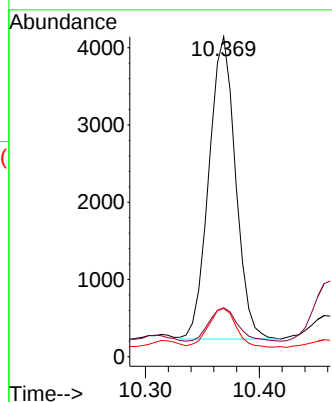
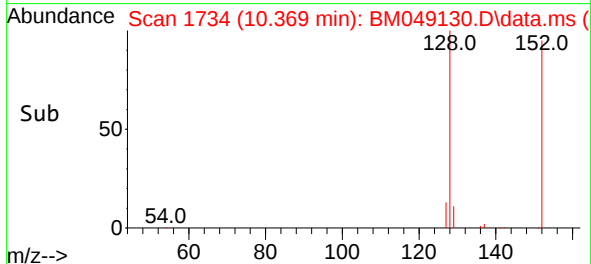
Instrument :
BNA_M
ClientSampleId :
E2901



Tgt Ion:128 Resp: 6358
Ion Ratio Lower Upper
128 100
129 15.3 9.7 14.5
127 15.1 10.6 16.0

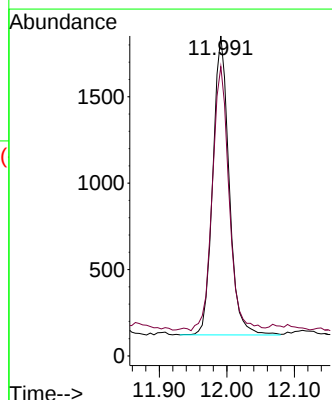
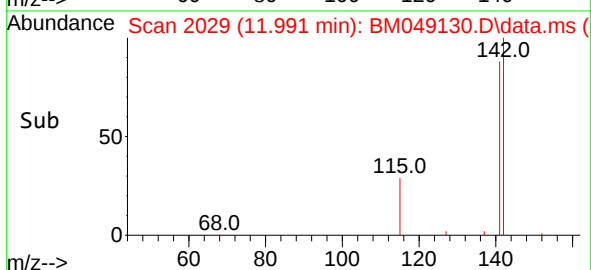
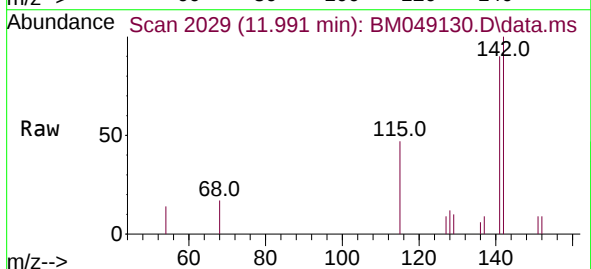
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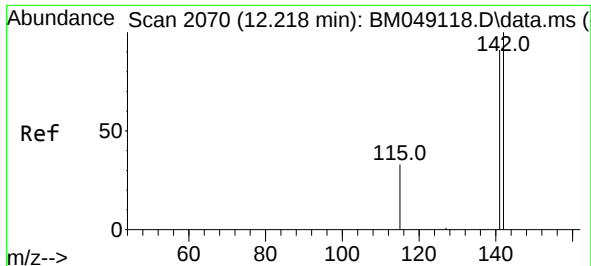
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 11.991 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

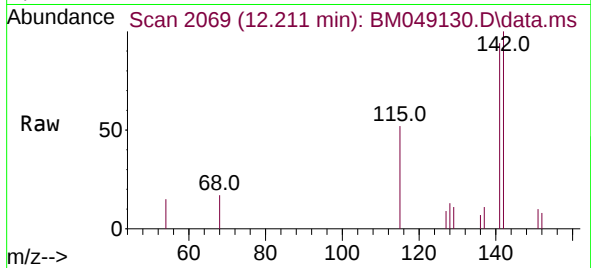
Tgt Ion:142 Resp: 2895
Ion Ratio Lower Upper
142 100
141 91.2 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.211 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

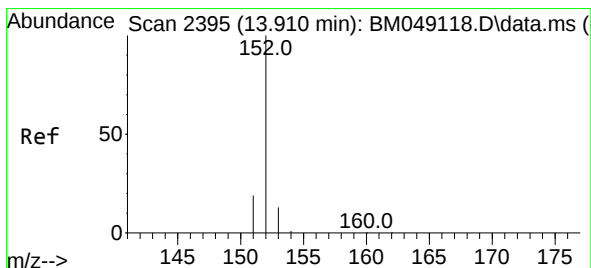
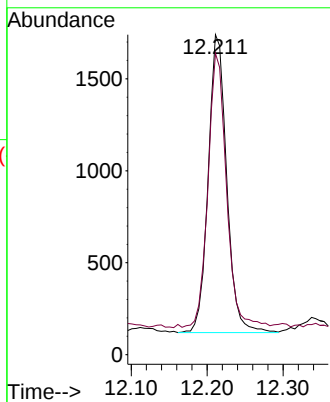
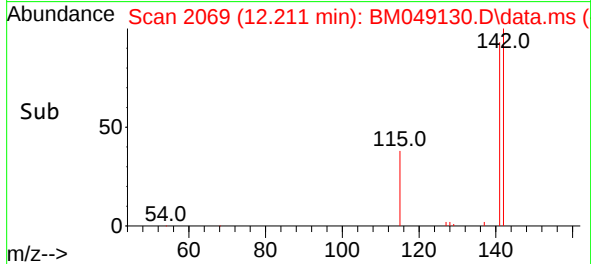
Instrument :
BNA_M
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E2901



Tgt Ion:142 Resp: 2739
Ion Ratio Lower Upper
142 100
141 91.8 72.7 109.1

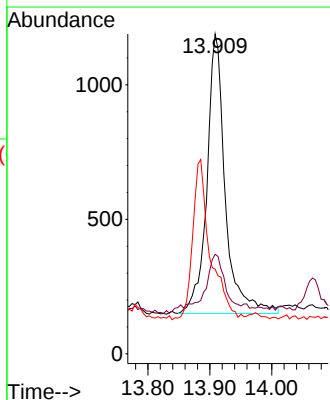
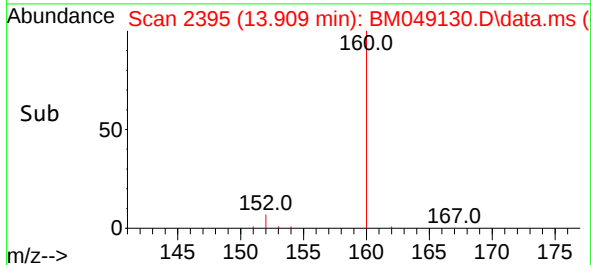
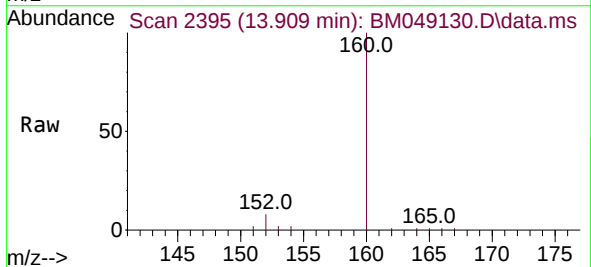
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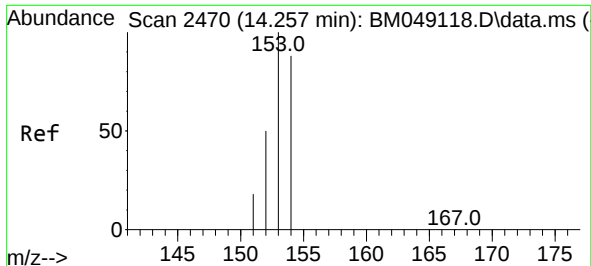
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.909 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

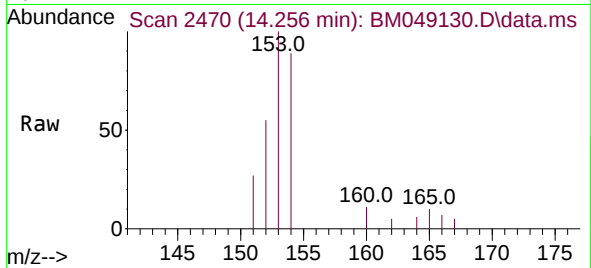
Tgt Ion:152 Resp: 2143
Ion Ratio Lower Upper
152 100
151 31.1 16.0 24.0#
153 26.5 11.0 16.6#





#11
Acenaphthene
Concen: 0.064 ng/u1
RT: 14.256 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

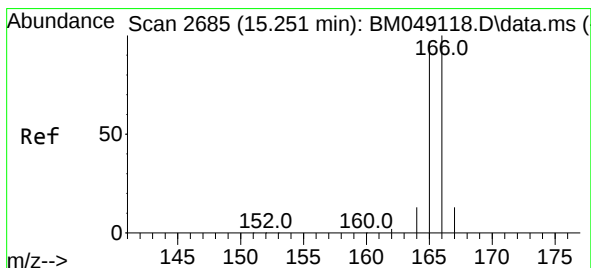
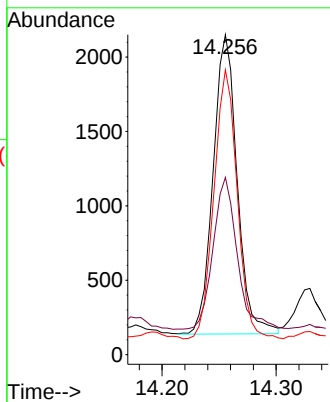
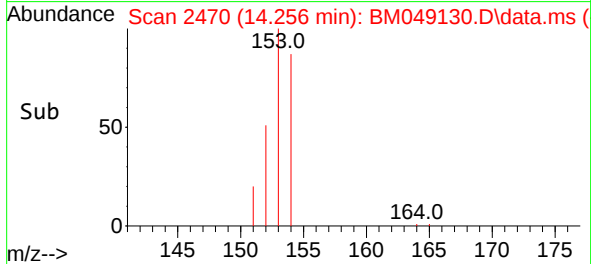
Instrument :
BNA_M
ClientSampleId :
E2901



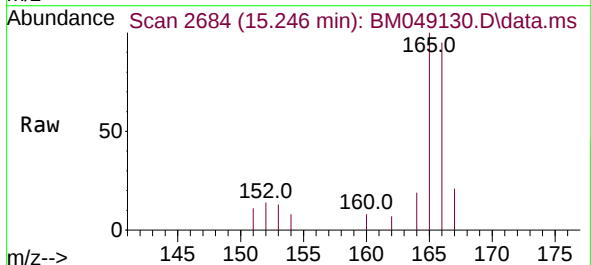
Tgt Ion:153 Resp: 2944
Ion Ratio Lower Upper
153 100
152 55.4 40.7 61.1
154 89.0 70.8 106.2

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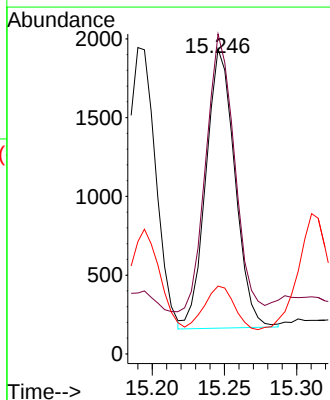
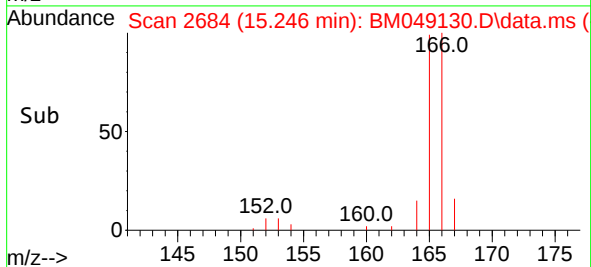
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

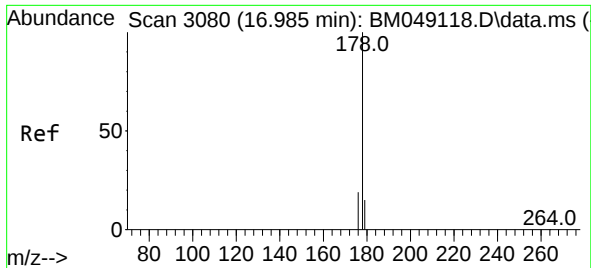


#12
Fluorene
Concen: 0.048 ng/u1
RT: 15.246 min Scan# 2684
Delta R.T. -0.009 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38



Tgt Ion:166 Resp: 2478
Ion Ratio Lower Upper
166 100
165 104.9 79.7 119.5
167 22.3 11.4 17.0#





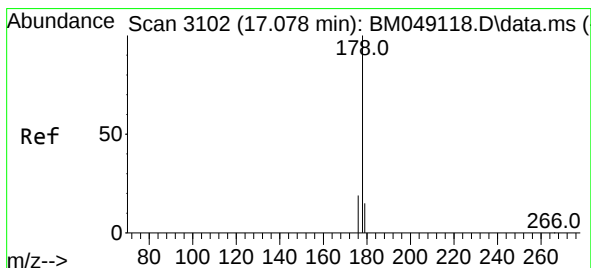
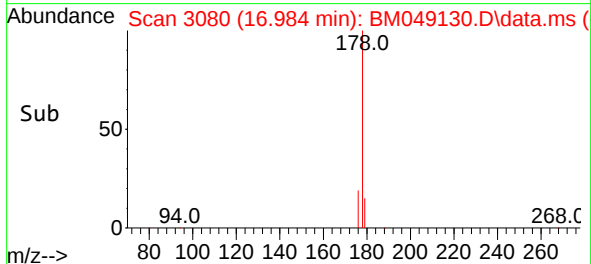
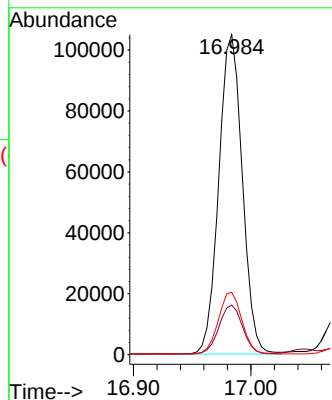
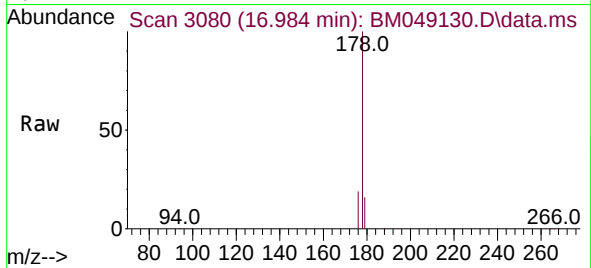
#15
Phenanthrene
Concen: 1.673 ng/ul m
RT: 16.984 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

Instrument :
BNA_M
ClientSampleId :
E2901

Tgt Ion:178 Resp: 14570
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.5 16.2 24.2

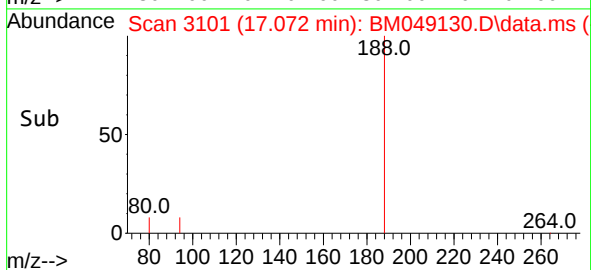
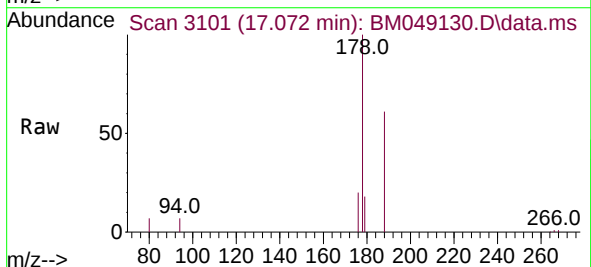
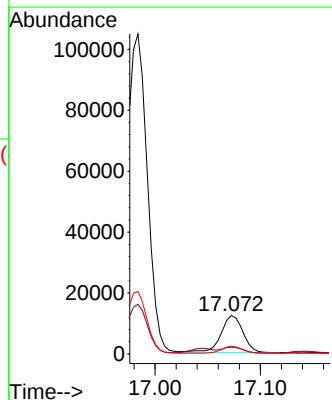
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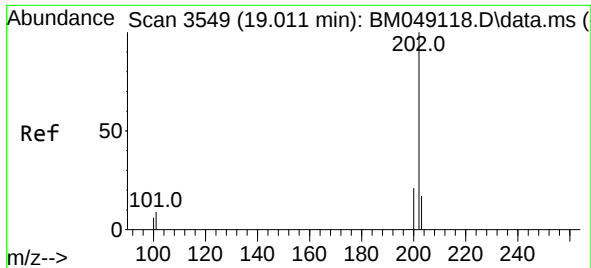
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.225 ng/ul m
RT: 17.072 min Scan# 3101
Delta R.T. -0.013 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

Tgt Ion:178 Resp: 18005
Ion Ratio Lower Upper
178 100
179 17.6 12.9 19.3
176 20.0 15.3 22.9





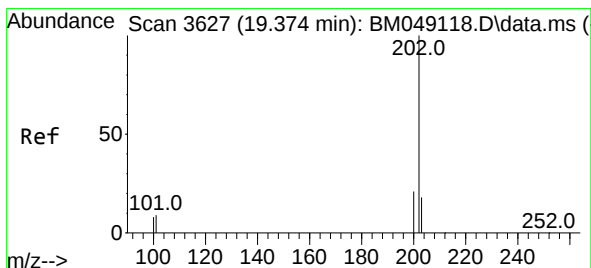
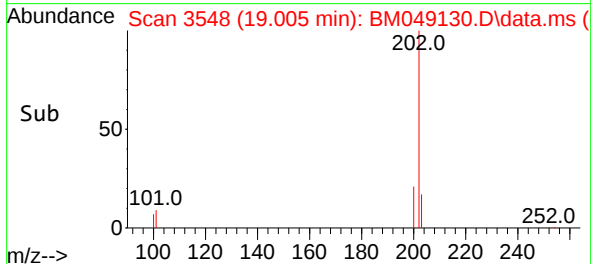
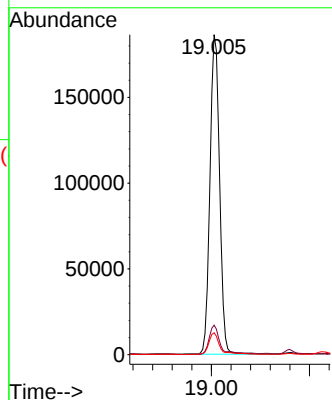
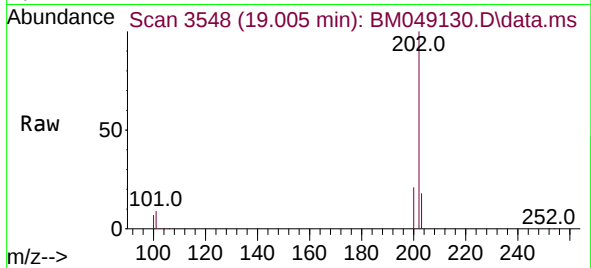
#19
Fluoranthene
Concen: 2.559 ng/uI
RT: 19.005 min Scan# 3549
Delta R.T. -0.009 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

Instrument :
BNA_M
ClientSampleId :
E2901

Tgt Ion:202 Resp: 254089
Ion Ratio Lower Upper
202 100
101 9.2 7.6 11.4
100 6.9 5.5 8.3

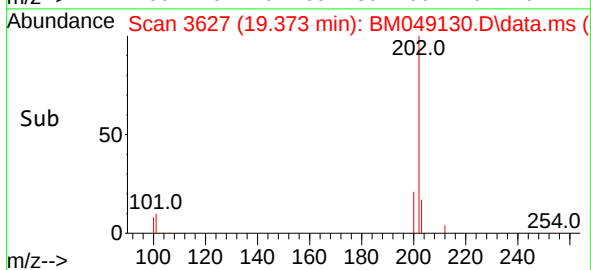
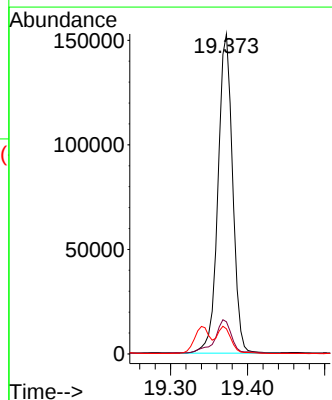
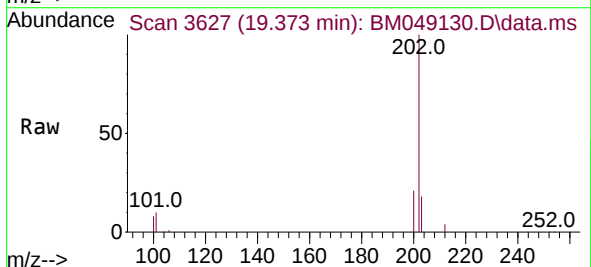
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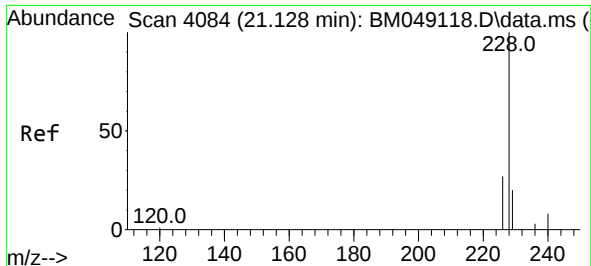
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 1.896 ng/uI
RT: 19.373 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

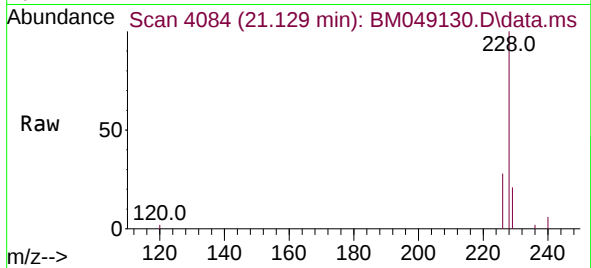
Tgt Ion:202 Resp: 200681
Ion Ratio Lower Upper
202 100
101 10.0 8.9 13.3
100 7.8 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.908 ng/ul
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

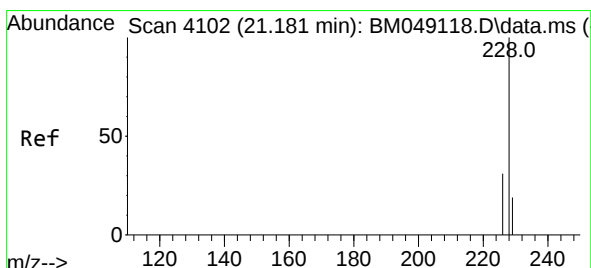
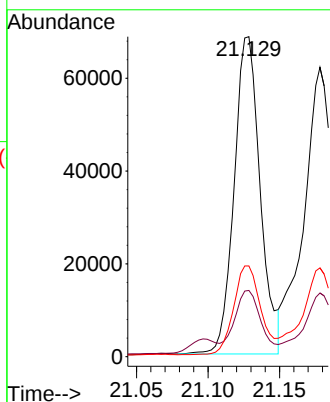
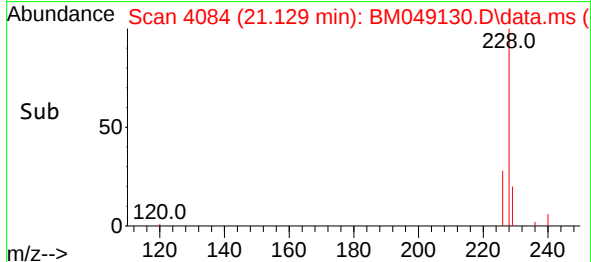
Instrument :
BNA_M
ClientSampleId :
E2901



Tgt Ion:228 Resp: 86769
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 28.3 22.6 34.0

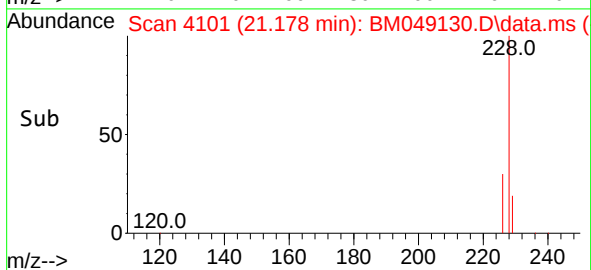
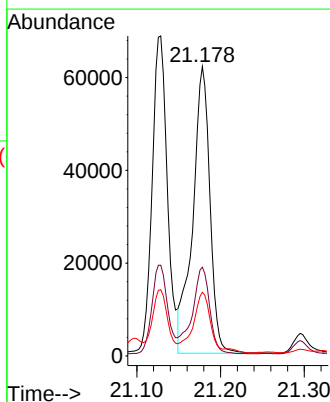
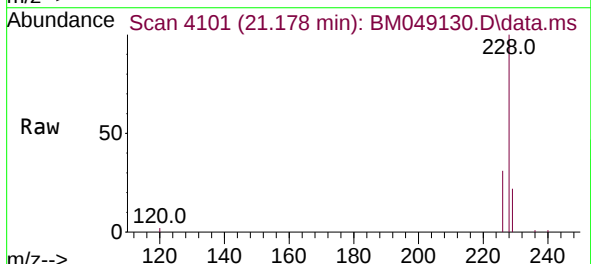
Manual Integrations
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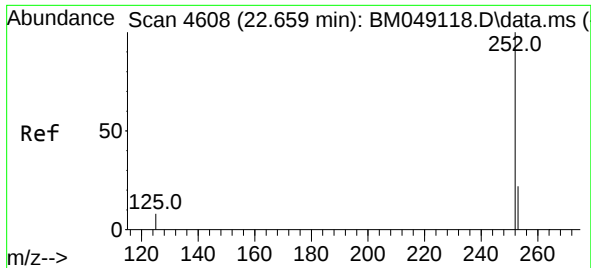
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 0.860 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

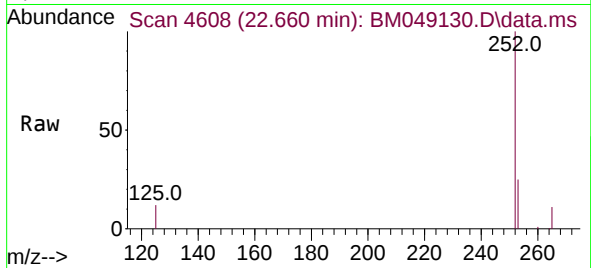
Tgt Ion:228 Resp: 88198
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 22.0 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 1.257 ng/ul m
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

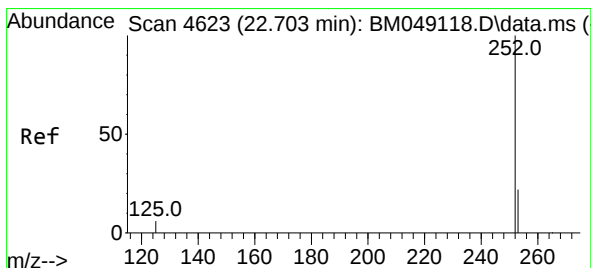
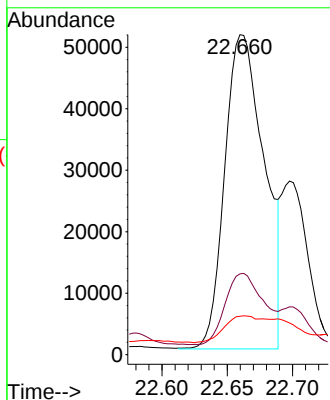
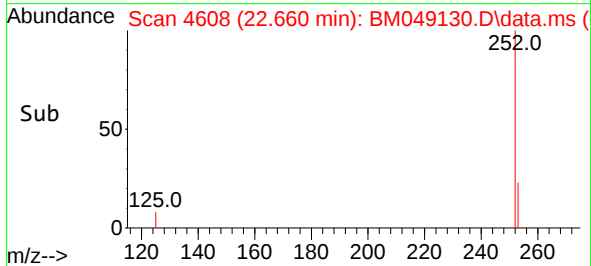
Instrument :
BNA_M
ClientSampleId :
E2901



Tgt Ion:252 Resp: 108079
Ion Ratio Lower Upper
252 100
253 25.3 0.0 52.6
125 12.0 0.0 30.8

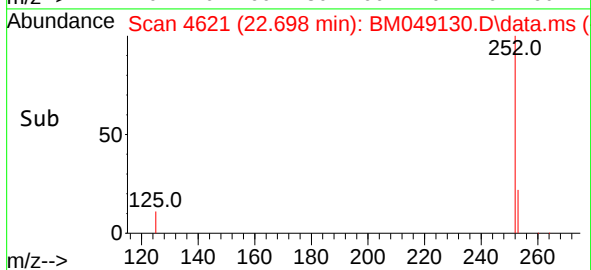
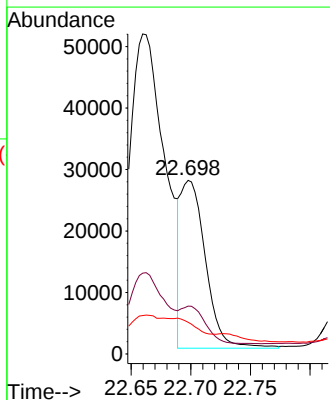
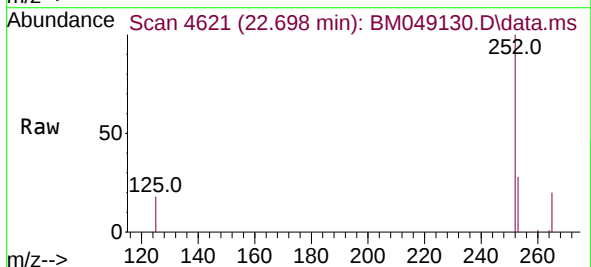
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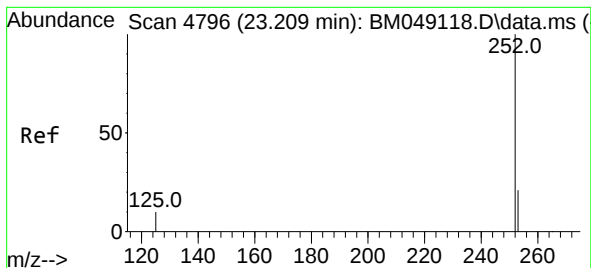
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.419 ng/ul m
RT: 22.698 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

Tgt Ion:252 Resp: 39488
Ion Ratio Lower Upper
252 100
253 27.5 21.3 31.9
125 18.2 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.831 ng/ul m

RT: 23.206 min Scan# 4

Delta R.T. -0.003 min

Lab File: BM049130.D

Acq: 21 Dec 2024 09:38

Instrument :

BNA_M

ClientSampleId :

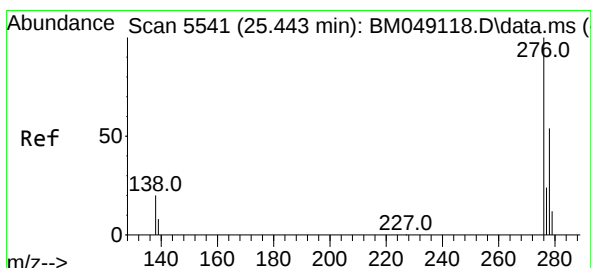
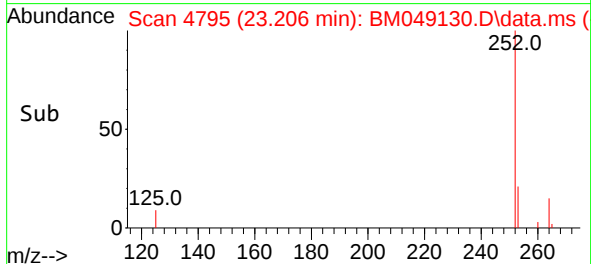
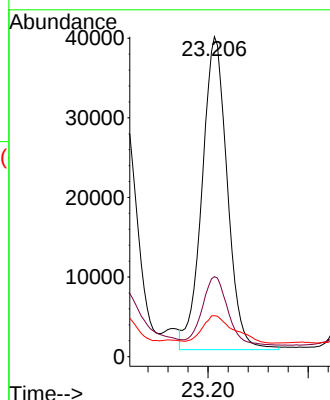
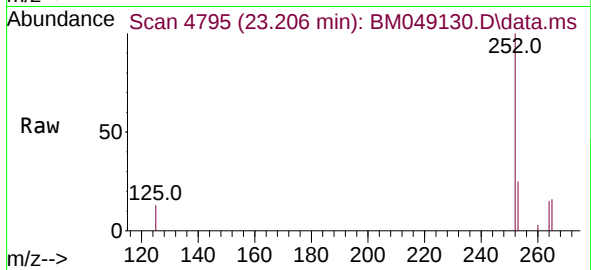
E2901

Tgt Ion:	252	Resp:	68544
Ion Ratio	Lower	Upper	
252	100		
253	25.0	22.4	33.6
125	12.8	14.8	22.2

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Supervised By :mohammad ahmed 12/24/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.471 ng/ul

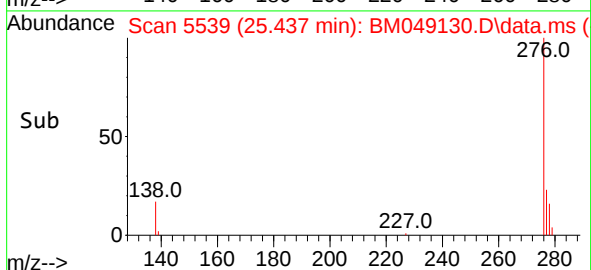
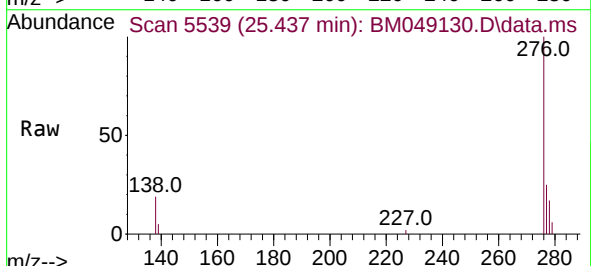
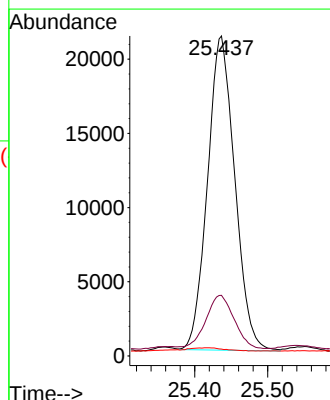
RT: 25.437 min Scan# 5539

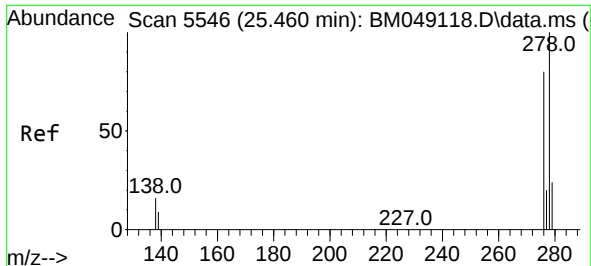
Delta R.T. -0.011 min

Lab File: BM049130.D

Acq: 21 Dec 2024 09:38

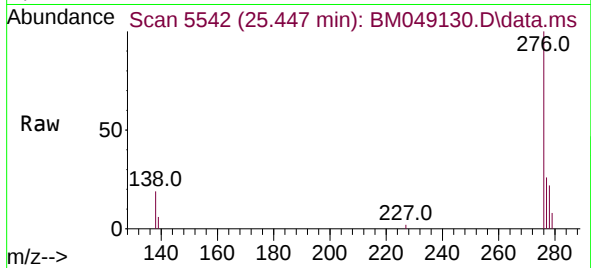
Tgt Ion:	276	Resp:	54993
Ion Ratio	Lower	Upper	
276	100		
138	18.2	17.4	26.2
227	1.3	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.128 ng/ul
RT: 25.447 min Scan# 51
Delta R.T. -0.021 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

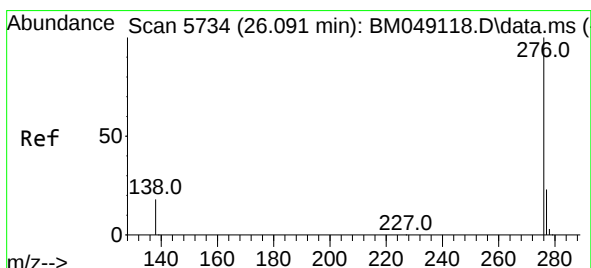
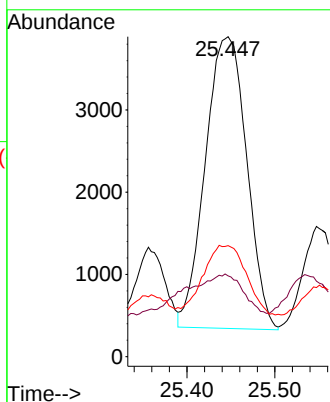
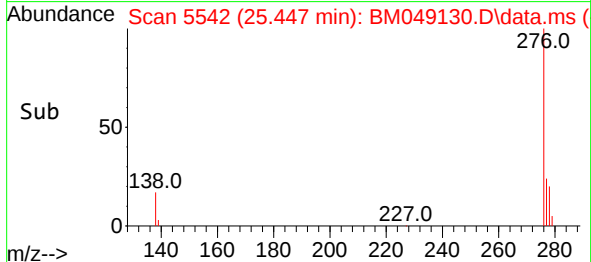
Instrument :
BNA_M
ClientSampleId :
E2901



Tgt Ion:278 Resp: 1160
Ion Ratio Lower Upper
278 100
139 25.3 13.5 20.3
279 34.7 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: 0.636 ng/ul
RT: 26.091 min Scan# 5734
Delta R.T. -0.004 min
Lab File: BM049130.D
Acq: 21 Dec 2024 09:38

Tgt Ion:276 Resp: 59639
Ion Ratio Lower Upper
276 100
138 19.8 16.7 25.1
277 24.8 19.9 29.9

