

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048191.D
 Acq On : 22 Oct 2024 14:09
 Operator : RC/JU
 Sample : P4380-04DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 22 14:53:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 22 10:58:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	6279	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.552	136	19661	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.396	164	12490	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.141	188	22933	0.400	ng/ul	-0.03
17) Chrysene-d12	21.312	240	18050	0.400	ng/ul	-0.02
23) Perylene-d12	23.572	264	16632m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	6339	0.743	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152	1974	0.072	ng/ul	-0.04
18) Fluoranthene-d10	19.165	212	4698	0.089	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.601	128	77300	1.447	ng/ul	96
7) 2-Methylnaphthalene	12.223	142	15890	0.520	ng/ul	98
8) 1-Methylnaphthalene	12.443	142	21731	0.618	ng/ul	98
10) Acenaphthylene	14.118	152	6162	0.107	ng/ul#	89
11) Acenaphthene	14.460	153	27133	0.658	ng/ul	99
12) Fluorene	15.450	166	12555	0.284	ng/ul	98
15) Phenanthrene	17.179	178	60387	1.042	ng/ul	99
16) Anthracene	17.272	178	4739m	0.086	ng/ul	
19) Fluoranthene	19.197	202	16126	0.228	ng/ul	99
20) Pyrene	19.555	202	9469	0.124	ng/ul#	92

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

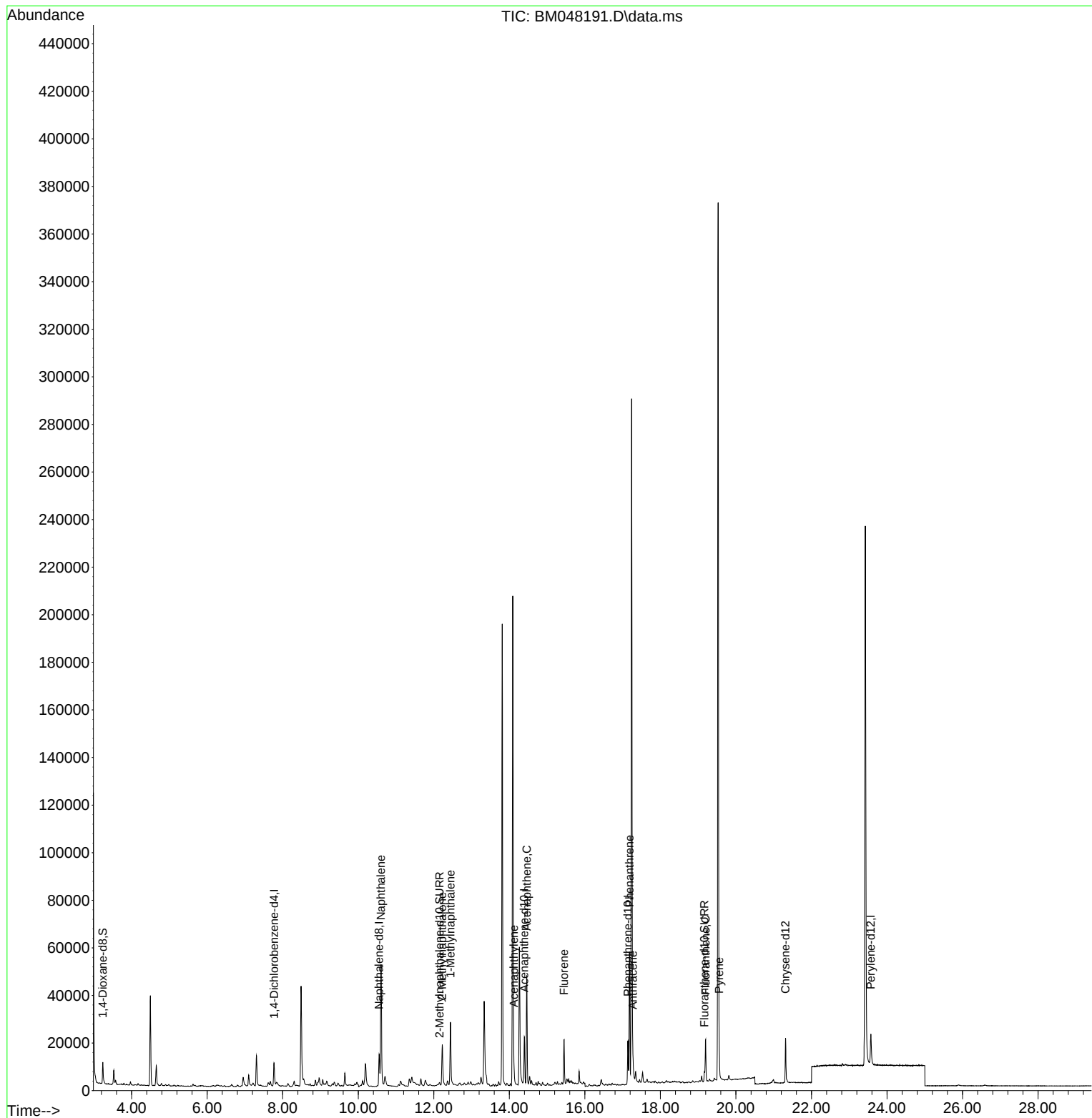
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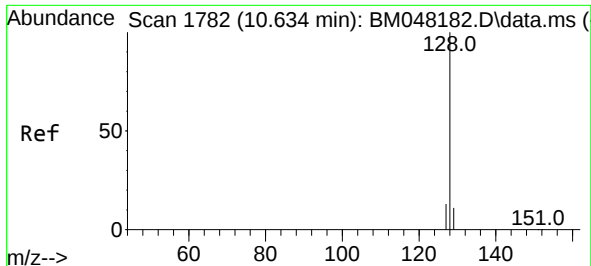
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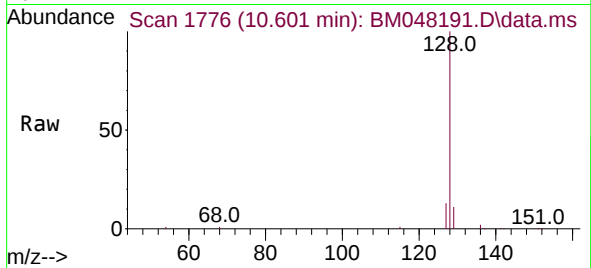
Quant Time: Oct 22 14:53:01 2024
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#5
Naphthalene
Concen: 1.447 ng/ul
RT: 10.601 min Scan# 1776
Delta R.T. -0.033 min
Lab File: BM048191.D
Acq: 22 Oct 2024 14:09

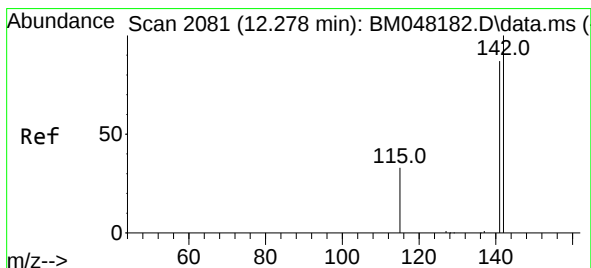
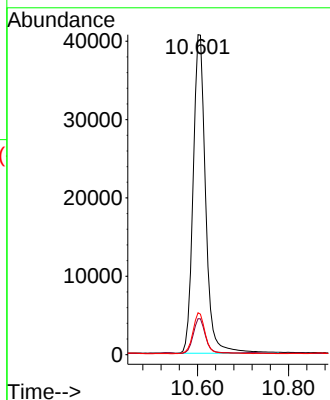
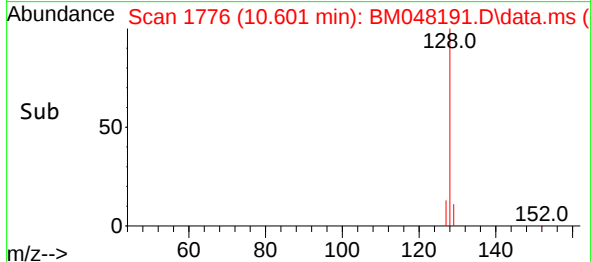
Instrument :
BNA_M
ClientSampleId :
E27H5DL



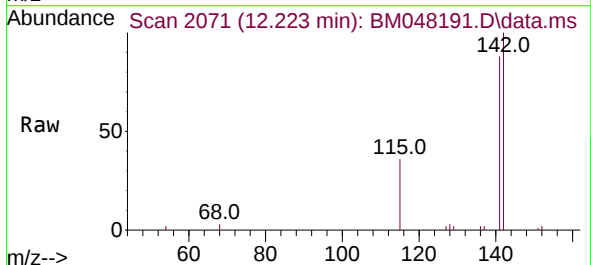
Tgt Ion:128 Resp: 77300
Ion Ratio Lower Upper
128 100
129 11.2 10.6 15.8
127 13.1 11.3 16.9

Manual Integrations
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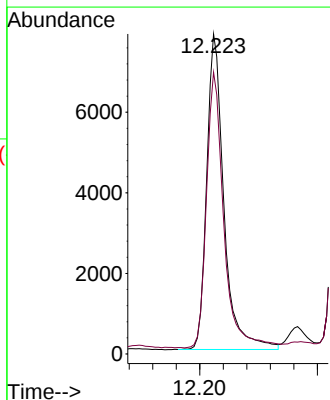
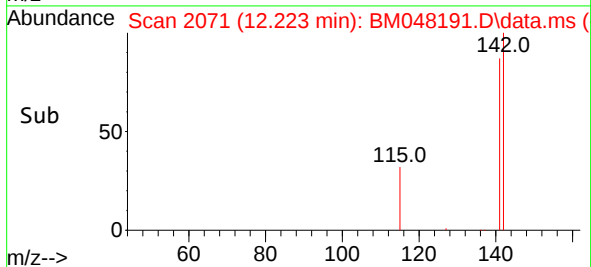
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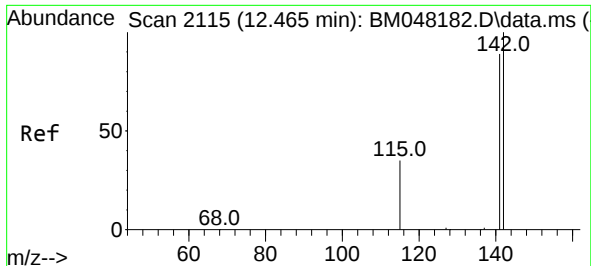


#7
2-Methylnaphthalene
Concen: 0.520 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. -0.055 min
Lab File: BM048191.D
Acq: 22 Oct 2024 14:09



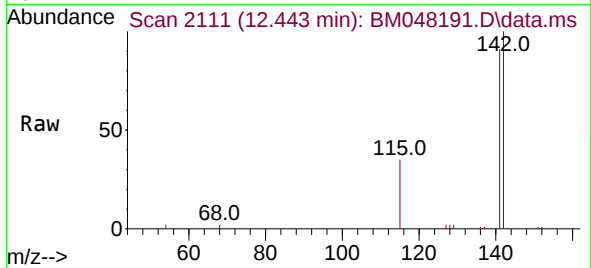
Tgt Ion:142 Resp: 15890
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.618 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.022 min
Lab File: BM048191.D
Acq: 22 Oct 2024 14:09

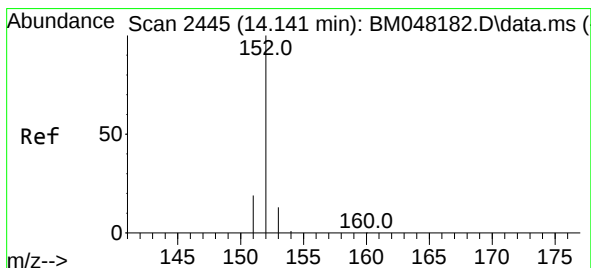
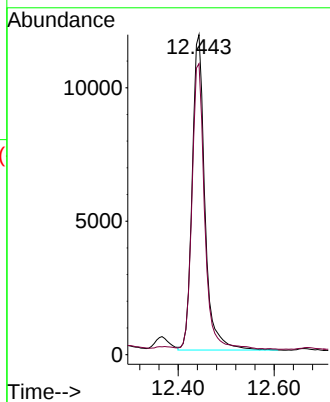
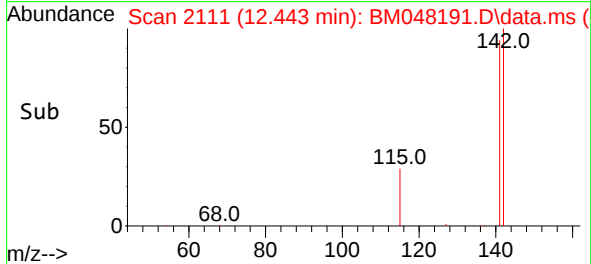
Instrument :
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Tgt Ion:142 Resp: 2173
Ion Ratio Lower Upper
142 100
141 90.1 73.8 110.6

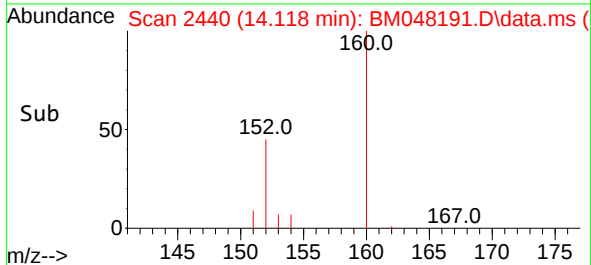
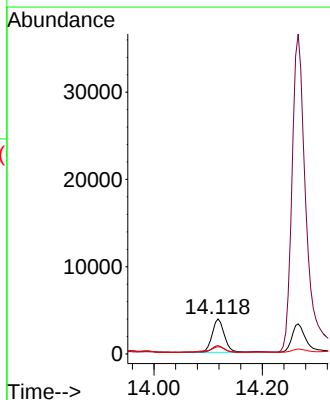
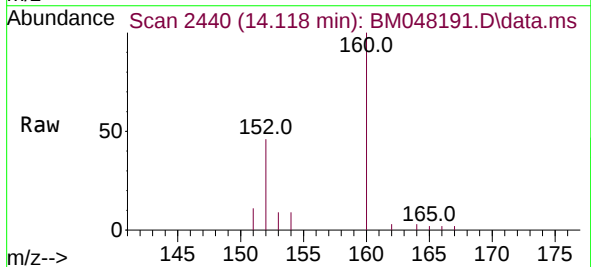
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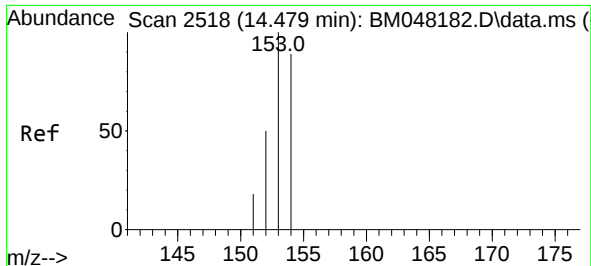
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 0.107 ng/ul
RT: 14.118 min Scan# 2440
Delta R.T. -0.023 min
Lab File: BM048191.D
Acq: 22 Oct 2024 14:09

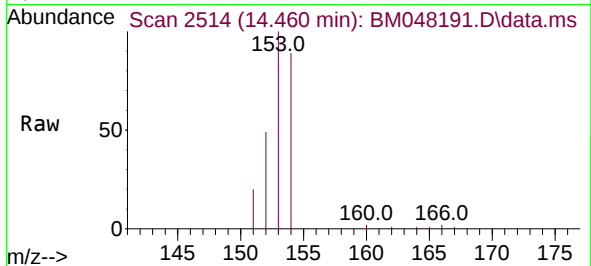
Tgt Ion:152 Resp: 6162
Ion Ratio Lower Upper
152 100
151 24.0 16.2 24.4
153 20.6 11.7 17.5#





#11
Acenaphthene
Concen: 0.658 ng/u1
RT: 14.460 min Scan# 2514
Delta R.T. -0.018 min
Lab File: BM048191.D
Acq: 22 Oct 2024 14:09

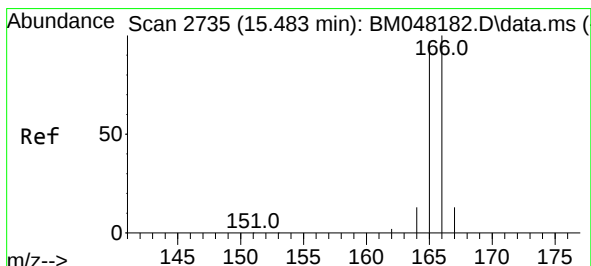
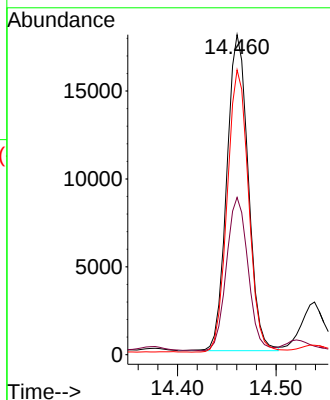
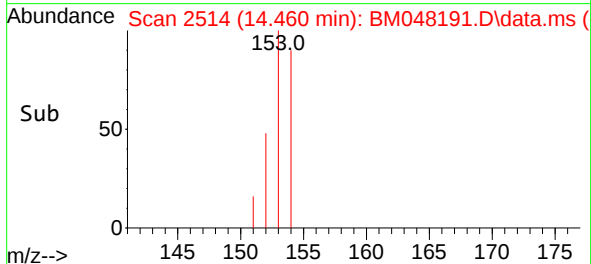
Instrument :
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ClientSampleId :
E27H5DL



Tgt Ion:153 Resp: 2713
Ion Ratio Lower Upper
153 100
152 49.1 40.9 61.3
154 89.0 71.0 106.4

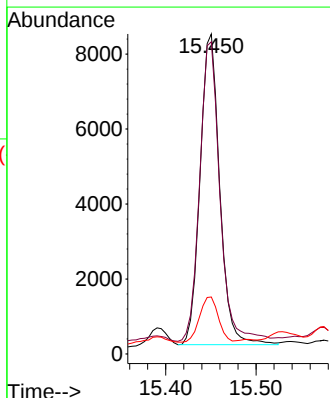
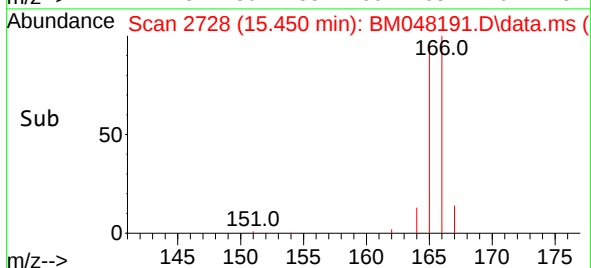
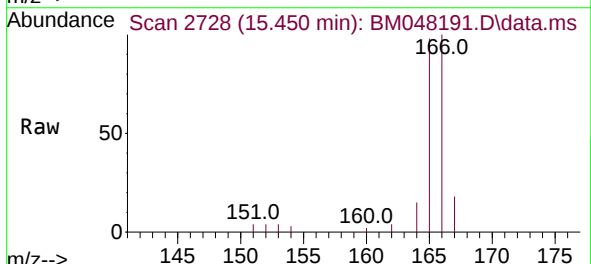
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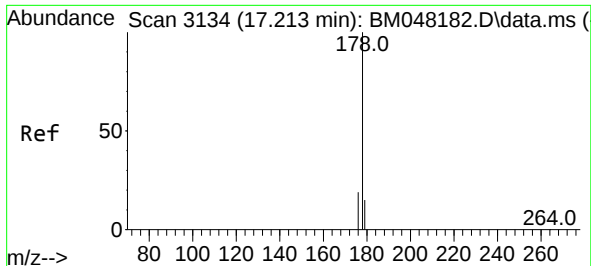
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#12
Fluorene
Concen: 0.284 ng/u1
RT: 15.450 min Scan# 2728
Delta R.T. -0.032 min
Lab File: BM048191.D
Acq: 22 Oct 2024 14:09

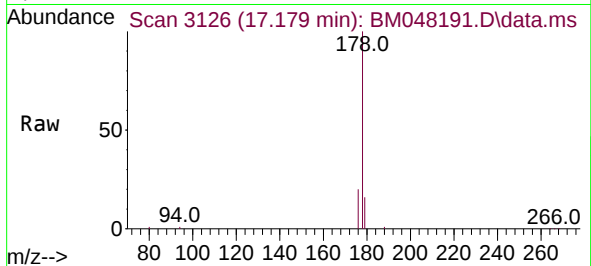
Tgt Ion:166 Resp: 12555
Ion Ratio Lower Upper
166 100
165 97.5 79.1 118.7
167 17.8 12.0 18.0





#15
Phenanthrene
Concen: 1.042 ng/ul
RT: 17.179 min Scan# 3134
Delta R.T. -0.034 min
Lab File: BM048191.D
Acq: 22 Oct 2024 14:09

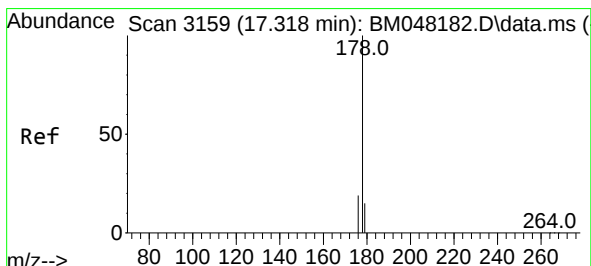
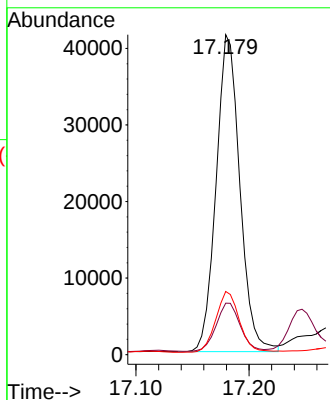
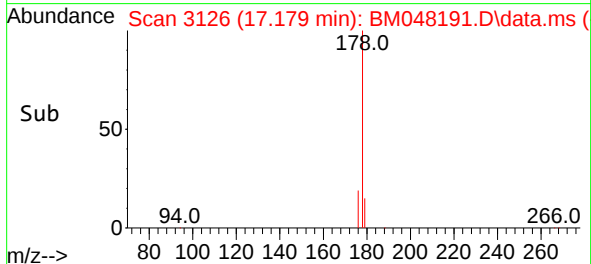
Instrument :
BNA_M
ClientSampleId :
E27H5DL



Tgt Ion:178 Resp: 6038
Ion Ratio Lower Upper
178 100
179 16.1 13.2 19.8
176 19.7 16.0 24.0

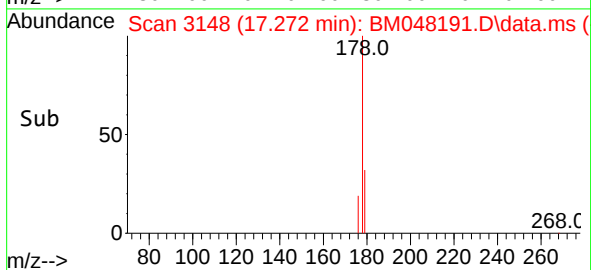
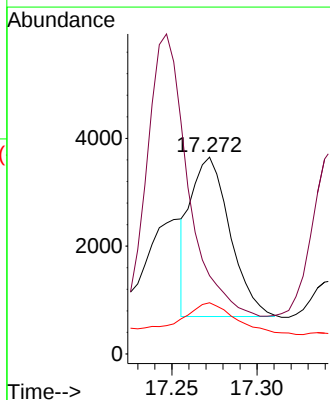
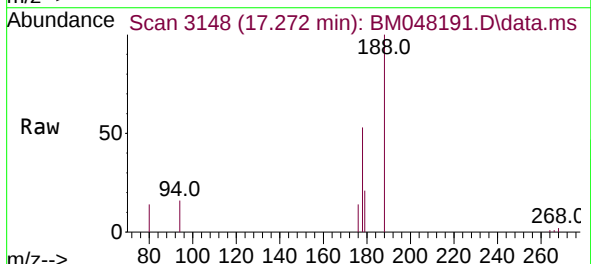
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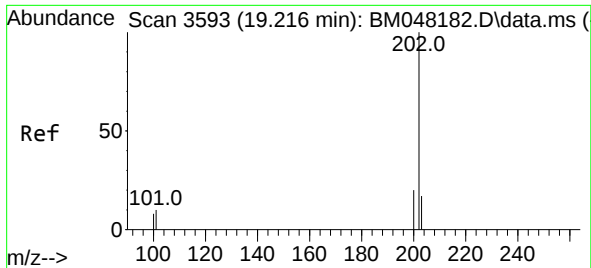
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Supervised By :mohammad ahmed 10/23/2024



#16
Anthracene
Concen: 0.086 ng/ul m
RT: 17.272 min Scan# 3148
Delta R.T. -0.046 min
Lab File: BM048191.D
Acq: 22 Oct 2024 14:09

Tgt Ion:178 Resp: 4739
Ion Ratio Lower Upper
178 100
179 39.8 14.5 21.7#
176 26.0 16.0 24.0#





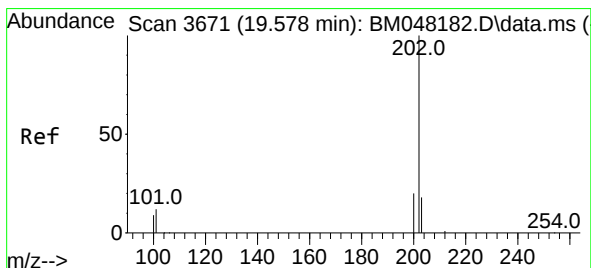
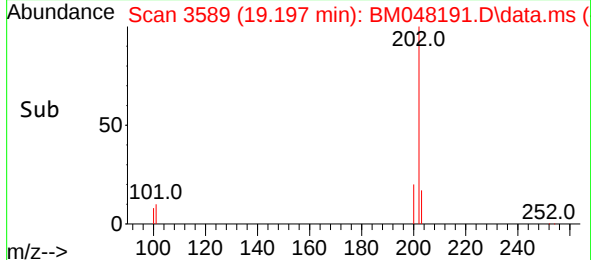
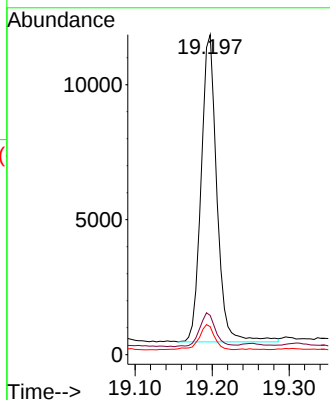
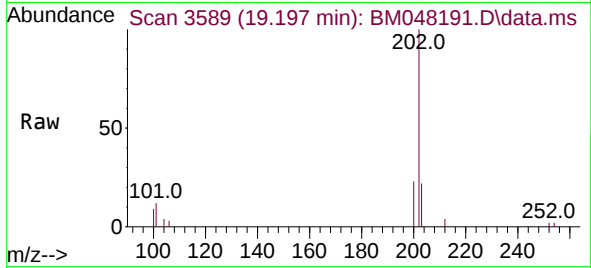
#19
Fluoranthene
Concen: 0.228 ng/u1
RT: 19.197 min Scan# 3589
Delta R.T. -0.018 min
Lab File: BM048191.D
Acq: 22 Oct 2024 14:09

Instrument :
BNA_M
ClientSampleId :
E27H5DL

Tgt Ion:202 Resp: 16120
Ion Ratio Lower Upper
202 100
101 12.3 9.3 13.9
100 8.7 7.1 10.7

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#20
Pyrene
Concen: 0.124 ng/u1
RT: 19.555 min Scan# 3666
Delta R.T. -0.023 min
Lab File: BM048191.D
Acq: 22 Oct 2024 14:09

Tgt Ion:202 Resp: 9469
Ion Ratio Lower Upper
202 100
101 16.9 10.6 16.0#
100 12.5 8.1 12.1#

