

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048193.D
 Acq On : 22 Oct 2024 15:22
 Operator : RC/JU
 Sample : P4380-06DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H7DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 16:02:39 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	7.763	152	7446	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.552	136	23695	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.396	164	12882	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.142	188	25505	0.400	ng/ul	-0.03
17) Chrysene-d12	21.315	240	20148	0.400	ng/ul	-0.02
23) Perylene-d12	23.575	264	18898m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.236	96	7812	0.772	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.147	152	2050	0.062	ng/ul	-0.05
18) Fluoranthene-d10	19.165	212	4904	0.084	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.601	128	1890093	29.351	ng/ul	95
7) 2-Methylnaphthalene	12.218	142	38246	1.038	ng/ul	98
8) 1-Methylnaphthalene	12.438	142	29504	0.696	ng/ul	95
10) Acenaphthylene	14.118	152	23921	0.402	ng/ul	100
11) Acenaphthene	14.461	153	11819	0.278	ng/ul	99
12) Fluorene	15.446	166	20962	0.460	ng/ul	100
15) Phenanthrene	17.180	178	31583	0.490	ng/ul	100
16) Anthracene	17.272	178	3141	0.052	ng/ul#	77
19) Fluoranthene	19.198	202	3408	0.043	ng/ul#	77
20) Pyrene	19.555	202	1886	0.022	ng/ul#	59

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

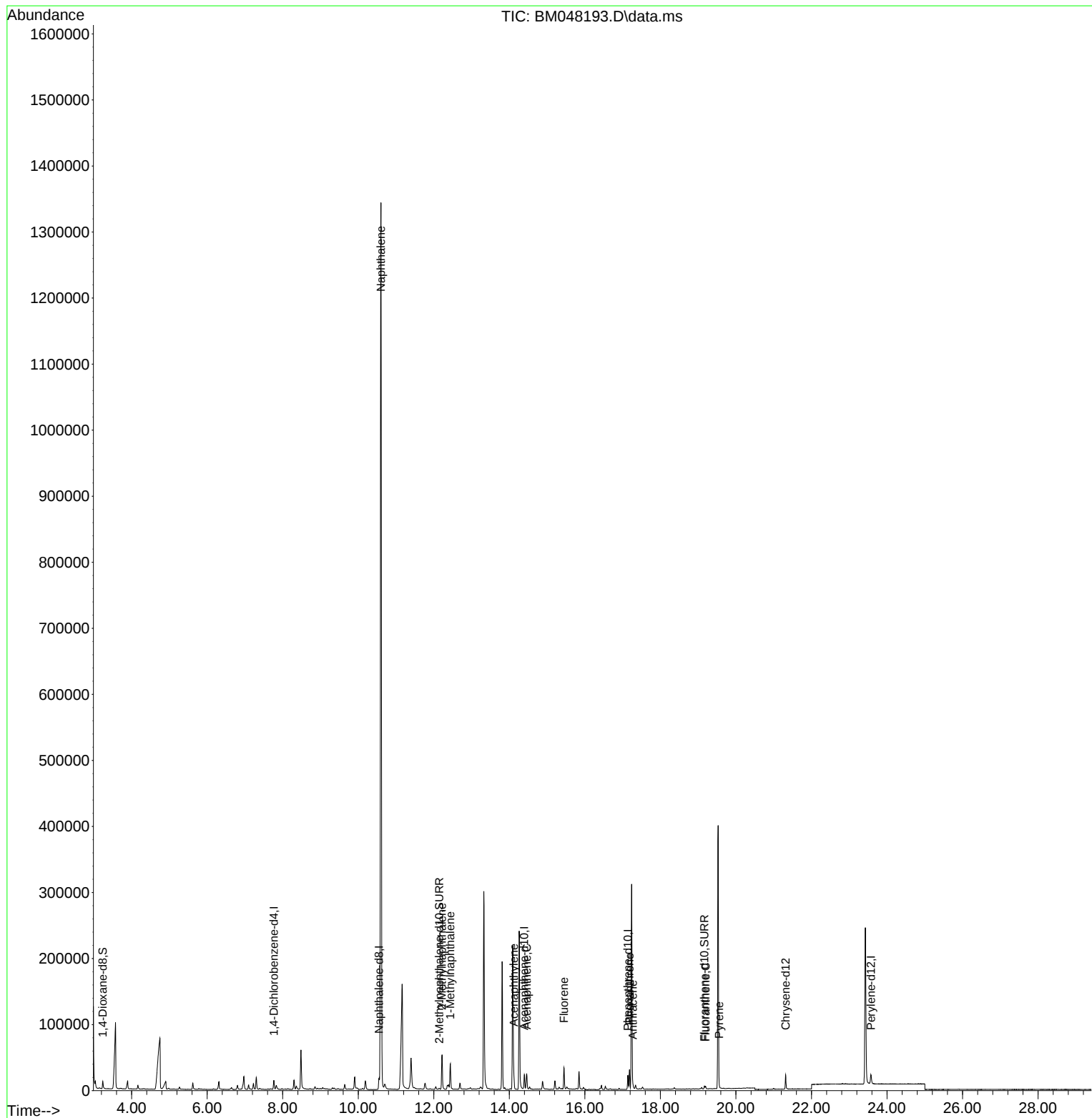
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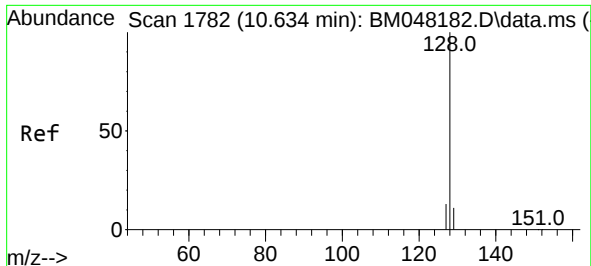
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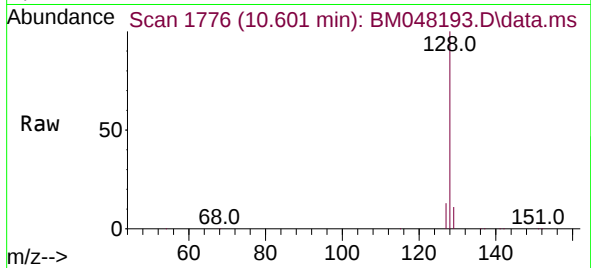
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#5
Naphthalene
Concen: 29.351 ng/ul
RT: 10.601 min Scan# 1776
Delta R.T. -0.033 min
Lab File: BM048193.D
Acq: 22 Oct 2024 15:22

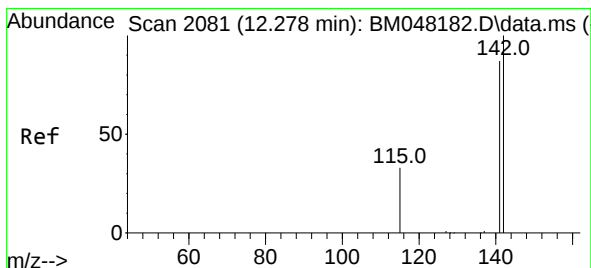
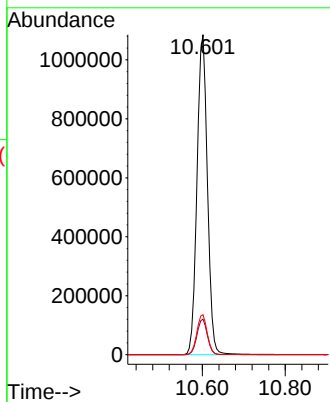
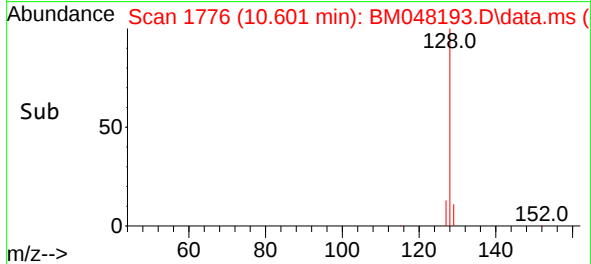
Instrument :
BNA_M
ClientSampleId :
E27H7DL



Tgt Ion:128 Resp: 189009
Ion Ratio Lower Upper
128 100
129 11.1 10.6 15.8
127 12.5 11.3 16.9

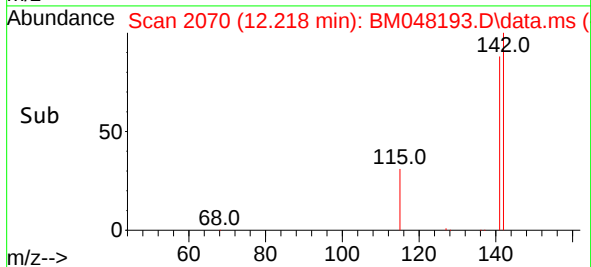
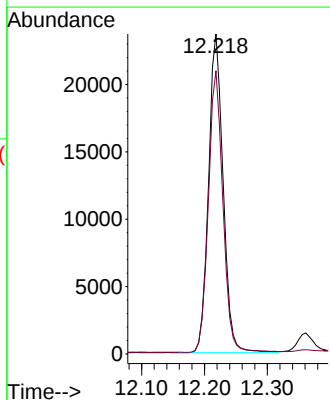
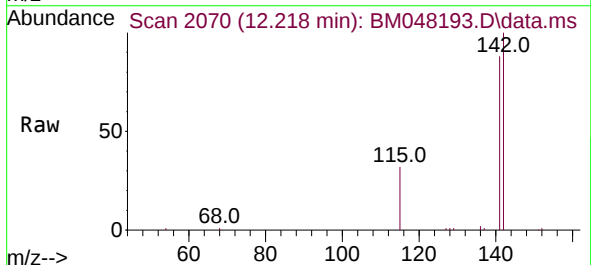
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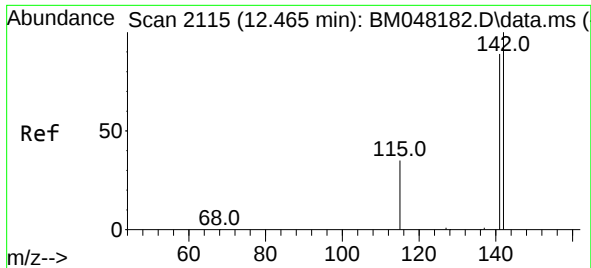
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#7
2-Methylnaphthalene
Concen: 1.038 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. -0.060 min
Lab File: BM048193.D
Acq: 22 Oct 2024 15:22

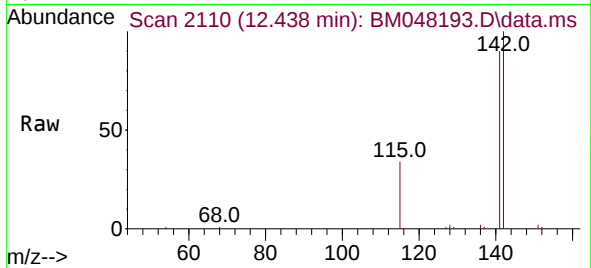
Tgt Ion:142 Resp: 38246
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.696 ng/ul
RT: 12.438 min Scan# 2115
Delta R.T. -0.027 min
Lab File: BM048193.D
Acq: 22 Oct 2024 15:22

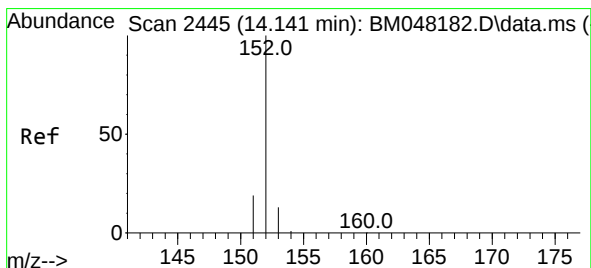
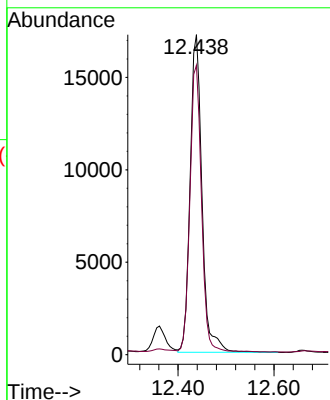
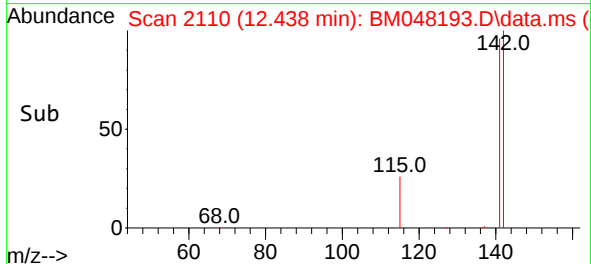
Instrument :
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Tgt Ion:142 Resp: 29504
Ion Ratio Lower Upper
142 100
141 87.6 73.8 110.6

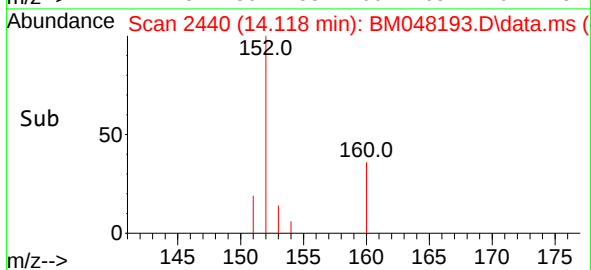
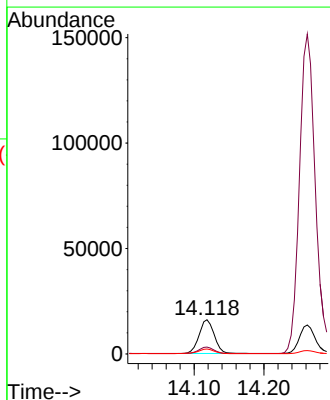
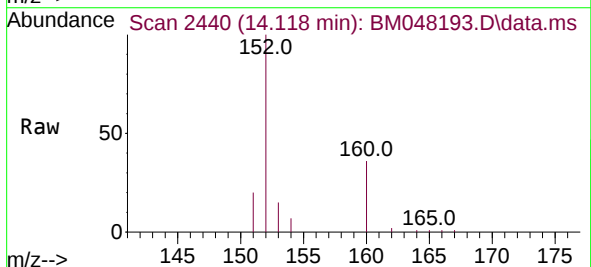
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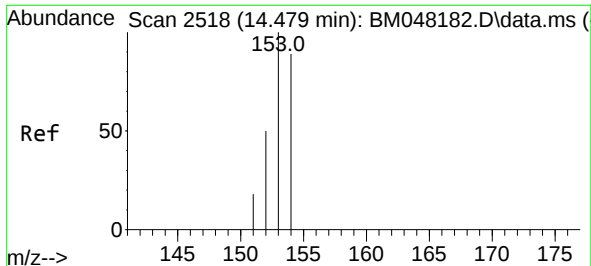
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 0.402 ng/ul
RT: 14.118 min Scan# 2440
Delta R.T. -0.023 min
Lab File: BM048193.D
Acq: 22 Oct 2024 15:22

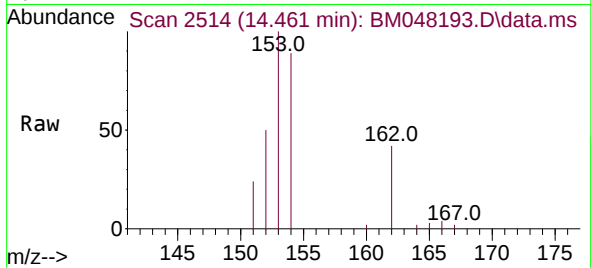
Tgt Ion:152 Resp: 23921
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 14.5 11.7 17.5





#11
Acenaphthene
Concen: 0.278 ng/ul
RT: 14.461 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BM048193.D
Acq: 22 Oct 2024 15:22

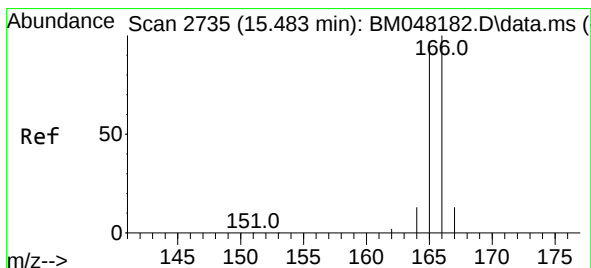
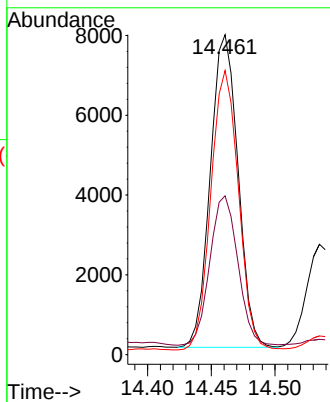
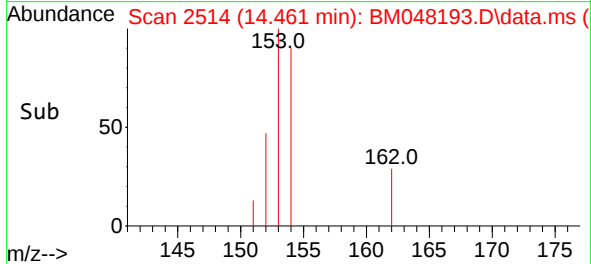
Instrument :
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ClientSampleId :
E27H7DL



Tgt Ion:153 Resp: 11819
Ion Ratio Lower Upper
153 100
152 49.7 40.9 61.3
154 88.8 71.0 106.4

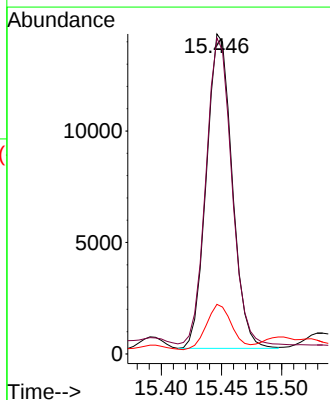
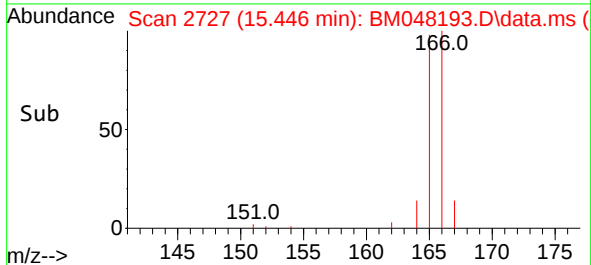
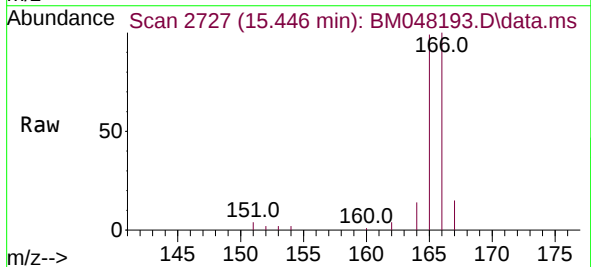
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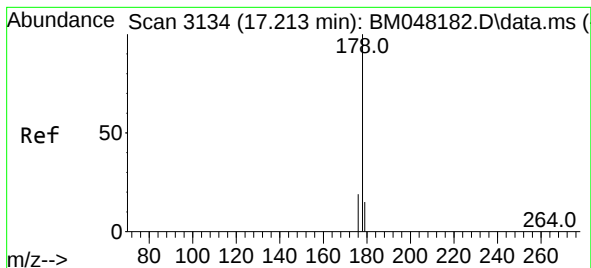
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Supervised By :mohammad ahmed 10/23/2024



#12
Fluorene
Concen: 0.460 ng/ul
RT: 15.446 min Scan# 2727
Delta R.T. -0.037 min
Lab File: BM048193.D
Acq: 22 Oct 2024 15:22

Tgt Ion:166 Resp: 20962
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 15.5 12.0 18.0





#15

Phenanthrene

Concen: 0.490 ng/u1

RT: 17.180 min Scan# 3158

Delta R.T. -0.033 min

Lab File: BM048193.D

Acq: 22 Oct 2024 15:22

Instrument :

BNA_M

ClientSampleId :

E27H7DL

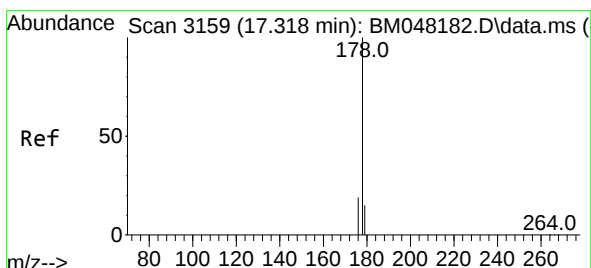
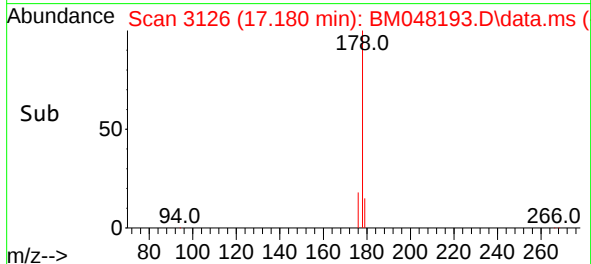
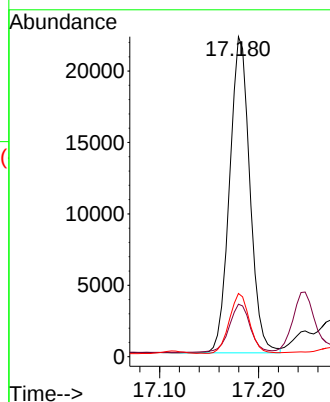
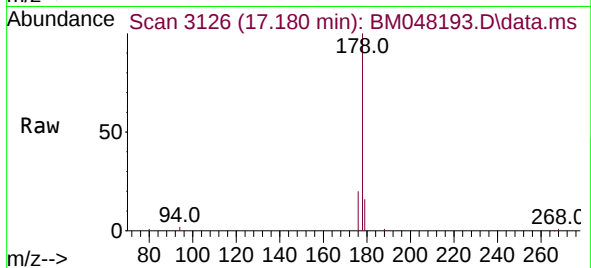
Tgt Ion:178	Resp:	3158
Ion Ratio	Lower	Upper
178	100	
179	16.4	13.2 19.8
176	19.7	16.0 24.0

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#16

Anthracene

Concen: 0.052 ng/u1

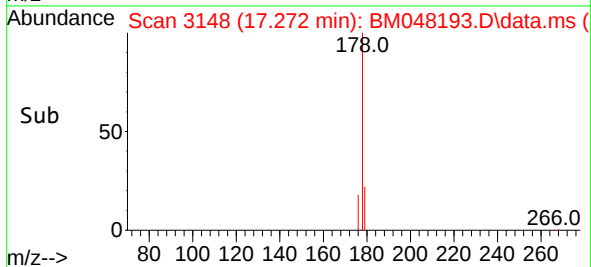
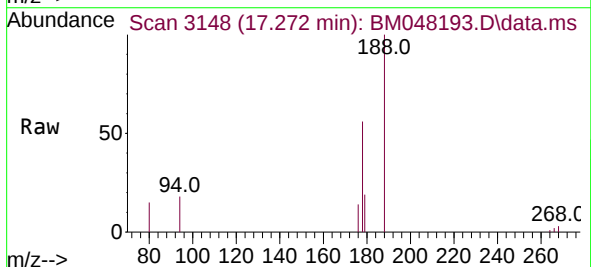
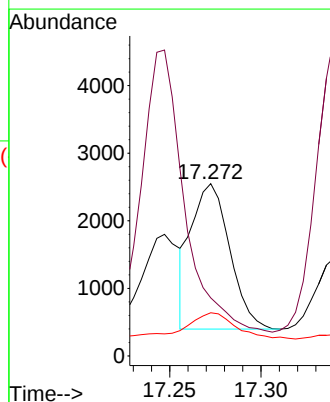
RT: 17.272 min Scan# 3148

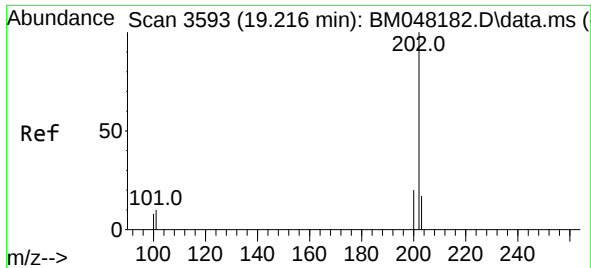
Delta R.T. -0.046 min

Lab File: BM048193.D

Acq: 22 Oct 2024 15:22

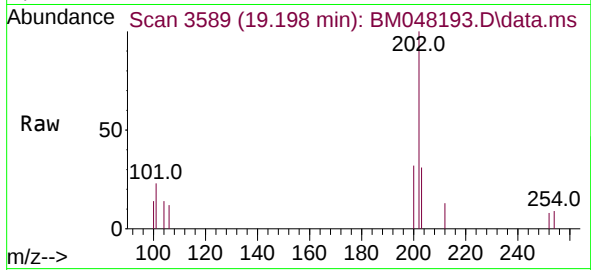
Tgt Ion:178	Resp:	3141
Ion Ratio	Lower	Upper
178	100	
179	33.7	14.5 21.7#
176	25.1	16.0 24.0#





#19
Fluoranthene
Concen: 0.043 ng/u1
RT: 19.198 min Scan# 3589
Delta R.T. -0.018 min
Lab File: BM048193.D
Acq: 22 Oct 2024 15:22

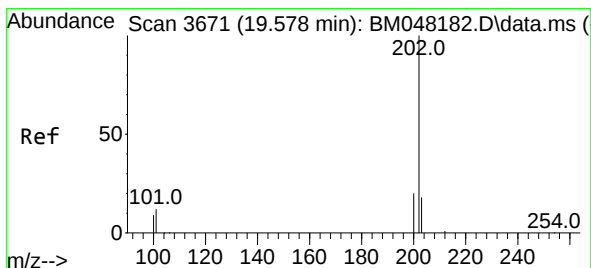
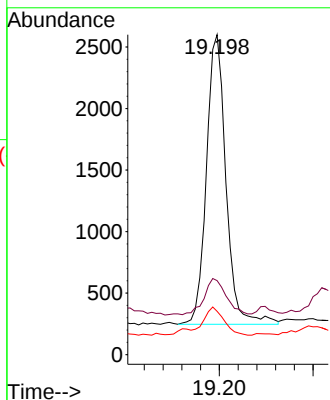
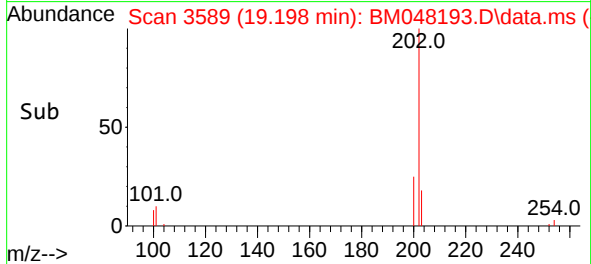
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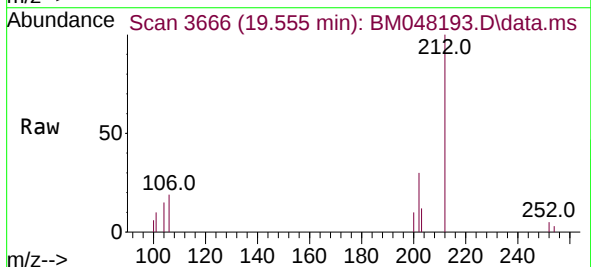
Tgt Ion:202 Resp: 3408
Ion Ratio Lower Upper
202 100
101 23.2 9.3 13.9#
100 13.5 7.1 10.7#

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#20
Pyrene
Concen: 0.022 ng/u1
RT: 19.555 min Scan# 3666
Delta R.T. -0.023 min
Lab File: BM048193.D
Acq: 22 Oct 2024 15:22



Tgt Ion:202 Resp: 1886
Ion Ratio Lower Upper
202 100
101 34.0 10.6 16.0#
100 19.8 8.1 12.1#

