

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048194.D
 Acq On : 22 Oct 2024 15:58
 Operator : RC/JU
 Sample : P4380-07DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H9DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 17:02:23 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	6981	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.550	136	22089	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.399	164	11883	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.144	188	23003	0.400	ng/ul	-0.03
17) Chrysene-d12	21.318	240	18419	0.400	ng/ul	-0.01
23) Perylene-d12	23.575	264	17461m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	6564	0.692	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.156	152	1478	0.048	ng/ul	-0.04
18) Fluoranthene-d10	19.168	212	3478	0.065	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.600	128	2202549	36.690	ng/ul	96
7) 2-Methylnaphthalene	12.233	142	45745	1.332	ng/ul	98
8) 1-Methylnaphthalene	12.447	142	29630	0.750	ng/ul	98
10) Acenaphthylene	14.121	152	11661	0.212	ng/ul	99
11) Acenaphthene	14.464	153	140552	3.583	ng/ul	97
12) Fluorene	15.454	166	53136	1.264	ng/ul	98
15) Phenanthrene	17.182	178	64163	1.104	ng/ul	98
16) Anthracene	17.275	178	19982	0.363	ng/ul	100
19) Fluoranthene	19.196	202	45617	0.631	ng/ul	99
20) Pyrene	19.558	202	29923	0.385	ng/ul	99
21) Benzo(a)anthracene	21.304	228	2540	0.045	ng/ul#	71
22) Chrysene	21.356	228	1845	0.021	ng/ul#	69
24) Benzo(b)fluoranthene	22.897	252	1632m	0.024	ng/ul	

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

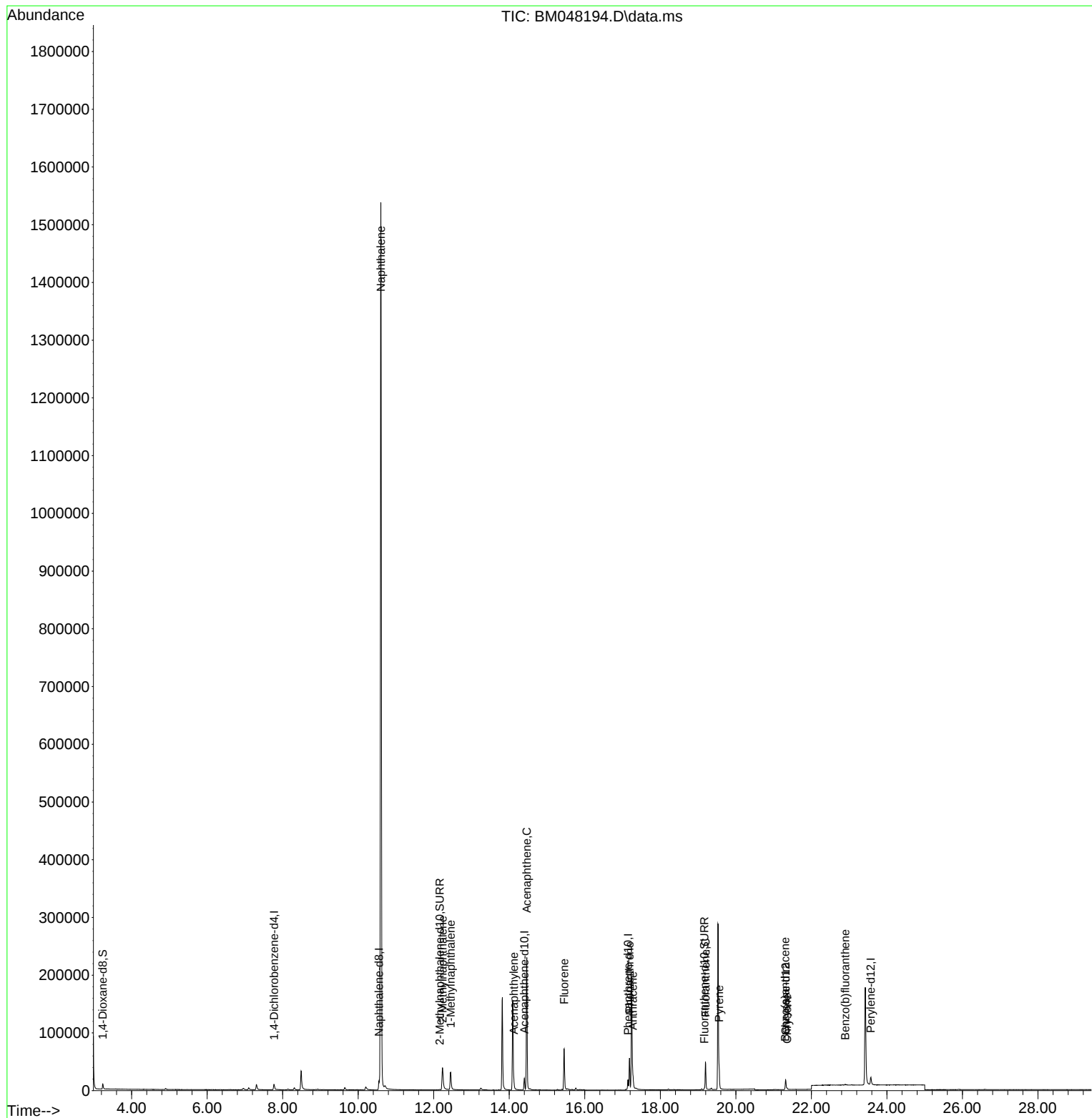
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048194.D
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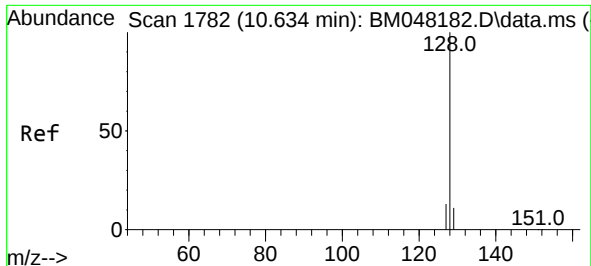
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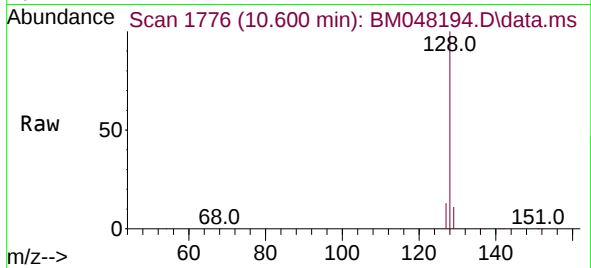
Quant Time: Oct 22 17:02:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 36.690 ng/ul
RT: 10.600 min Scan# 1776
Delta R.T. -0.034 min
Lab File: BM048194.D
Acq: 22 Oct 2024 15:58

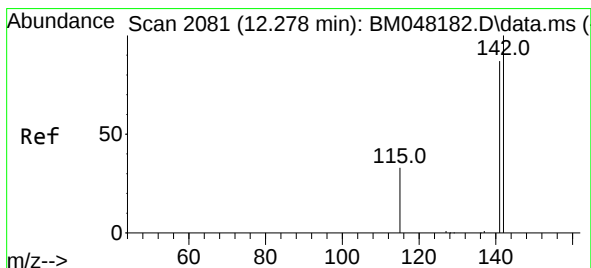
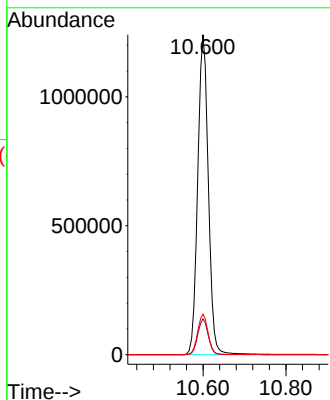
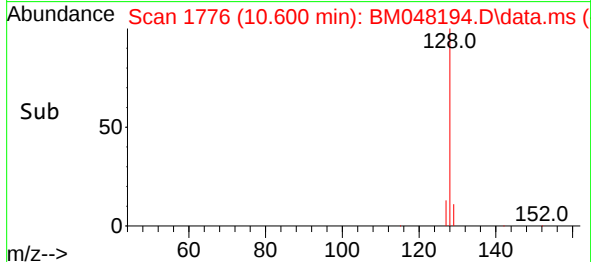
Instrument :
BNA_M
ClientSampleId :
E27H9DL



Tgt Ion:128 Resp: 2202549
Ion Ratio Lower Upper
128 100
129 11.2 10.6 15.8
127 12.6 11.3 16.9

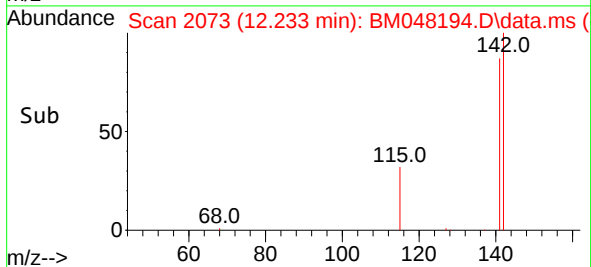
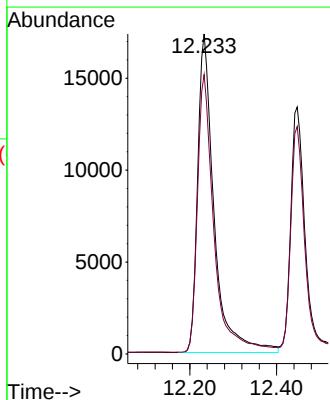
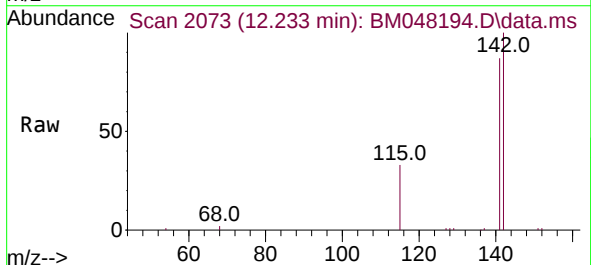
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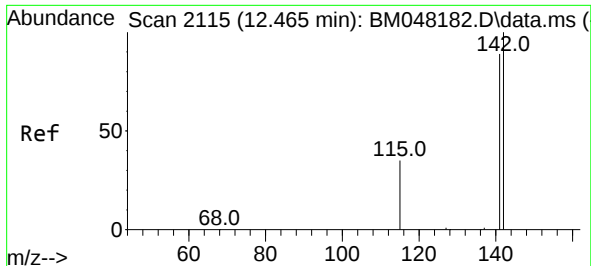
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#7
2-Methylnaphthalene
Concen: 1.332 ng/ul
RT: 12.233 min Scan# 2073
Delta R.T. -0.045 min
Lab File: BM048194.D
Acq: 22 Oct 2024 15:58

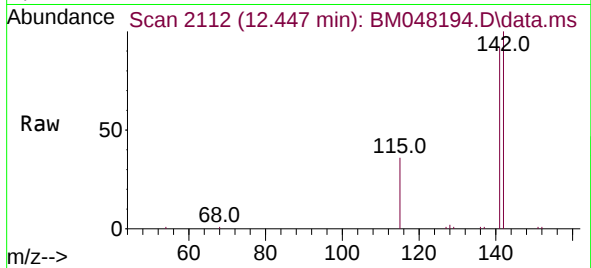
Tgt Ion:142 Resp: 45745
Ion Ratio Lower Upper
142 100
141 87.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.750 ng/ul
RT: 12.447 min Scan# 2115
Delta R.T. -0.018 min
Lab File: BM048194.D
Acq: 22 Oct 2024 15:58

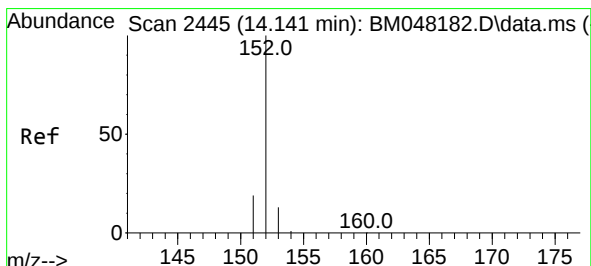
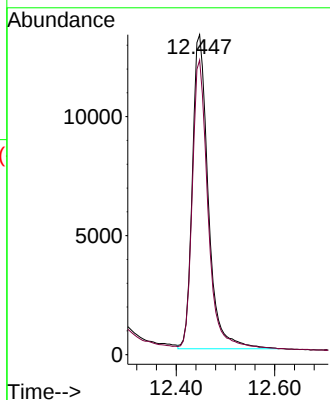
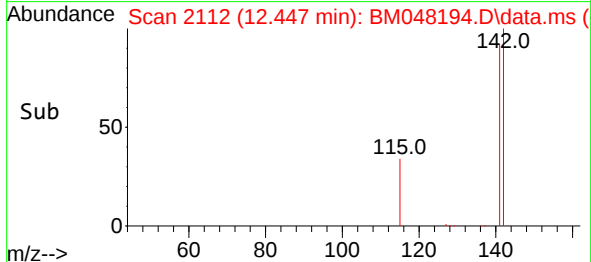
Instrument :
BNA_M
ClientSampleId :
E27H9DL



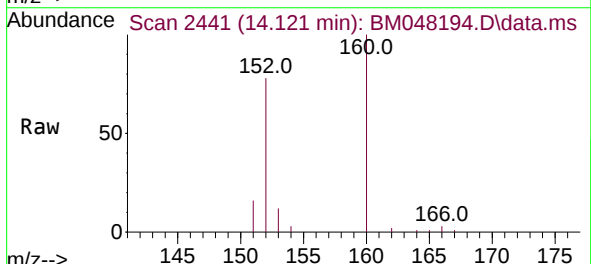
Tgt Ion:142 Resp: 29630
Ion Ratio Lower Upper
142 100
141 90.2 73.8 110.6

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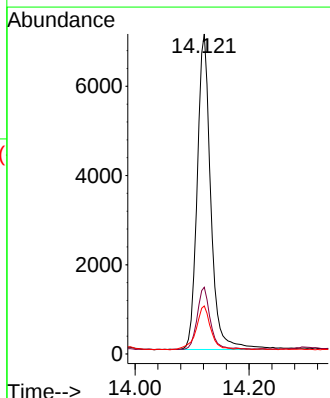
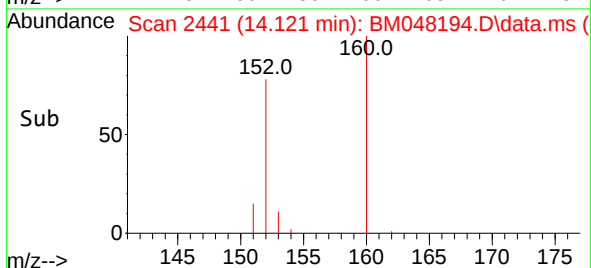
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024

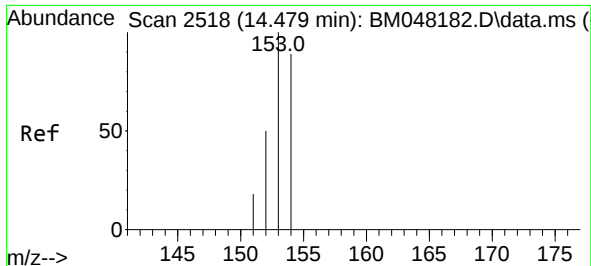


#10
Acenaphthylene
Concen: 0.212 ng/ul
RT: 14.121 min Scan# 2441
Delta R.T. -0.020 min
Lab File: BM048194.D
Acq: 22 Oct 2024 15:58



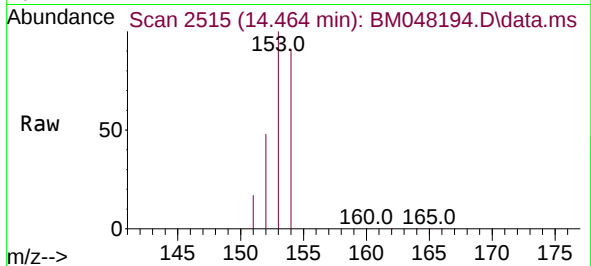
Tgt Ion:152 Resp: 11661
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 15.0 11.7 17.5





#11
Acenaphthene
Concen: 3.583 ng/u1
RT: 14.464 min Scan# 21
Delta R.T. -0.015 min
Lab File: BM048194.D
Acq: 22 Oct 2024 15:58

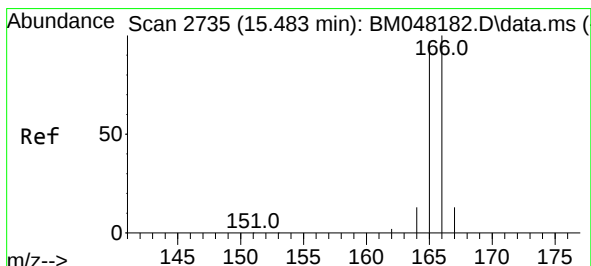
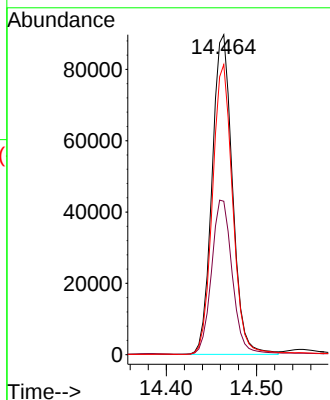
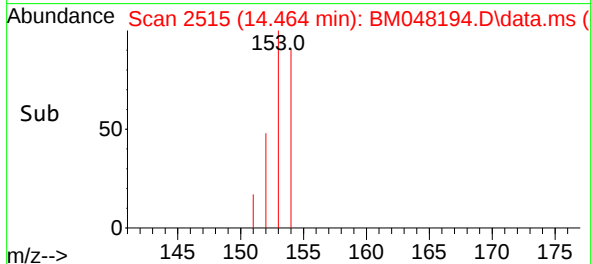
Instrument :
BNA_M
ClientSampleId :
E27H9DL



Tgt Ion:153 Resp: 140552
Ion Ratio Lower Upper
153 100
152 47.9 40.9 61.3
154 90.6 71.0 106.4

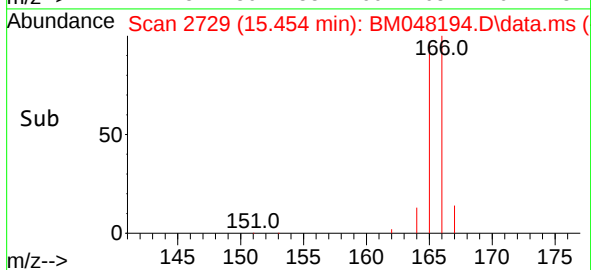
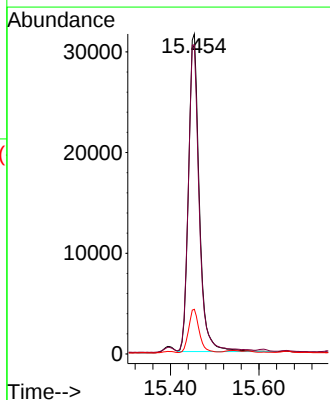
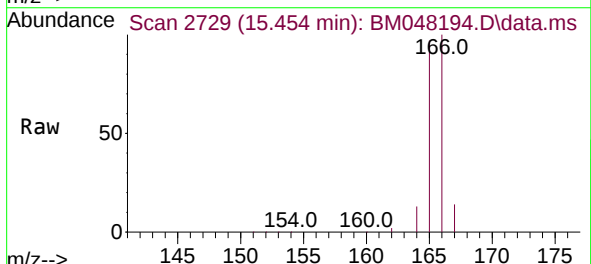
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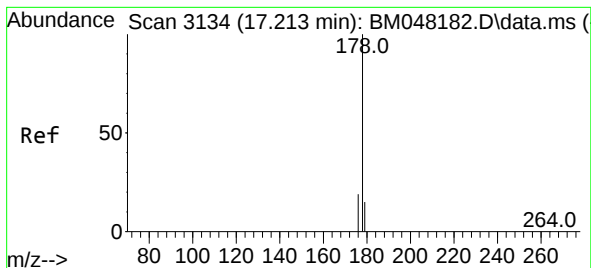
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#12
Fluorene
Concen: 1.264 ng/u1
RT: 15.454 min Scan# 2729
Delta R.T. -0.029 min
Lab File: BM048194.D
Acq: 22 Oct 2024 15:58

Tgt Ion:166 Resp: 53136
Ion Ratio Lower Upper
166 100
165 96.6 79.1 118.7
167 14.0 12.0 18.0





#15

Phenanthrene

Concen: 1.104 ng/u1

RT: 17.182 min Scan# 311

Delta R.T. -0.031 min

Lab File: BM048194.D

Acq: 22 Oct 2024 15:58

Instrument :

BNA_M

ClientSampleId :

E27H9DL

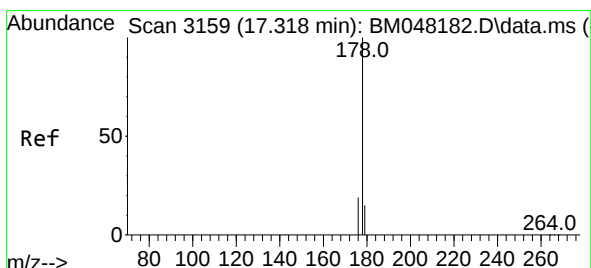
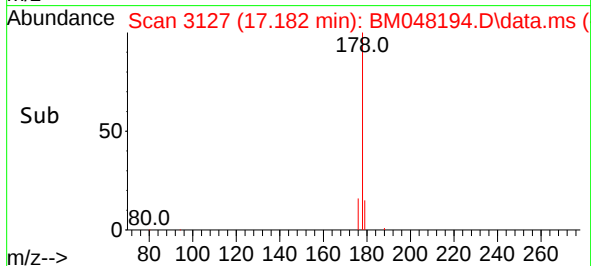
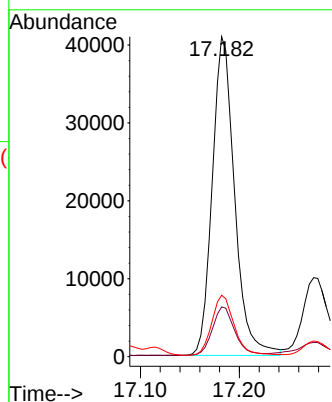
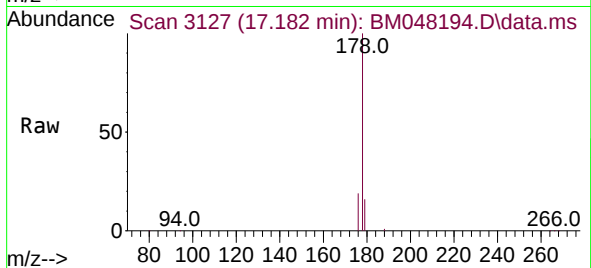
Tgt Ion:	178	Resp:	6416
Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.2	19.8
176	19.2	16.0	24.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/23/2024

Supervised By :mohammad ahmed 10/23/2024



#16

Anthracene

Concen: 0.363 ng/u1

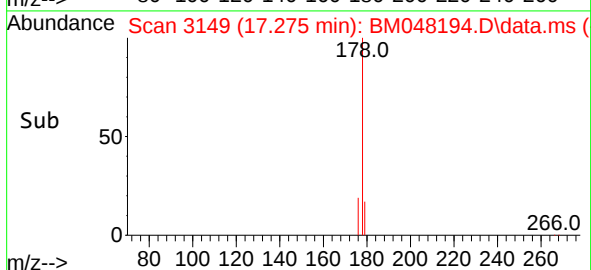
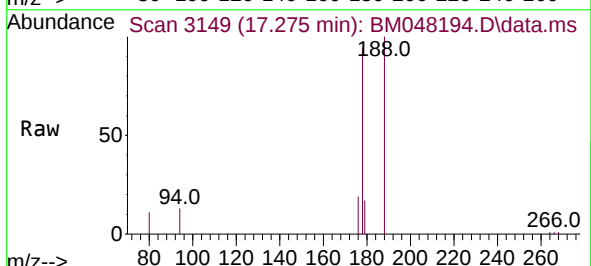
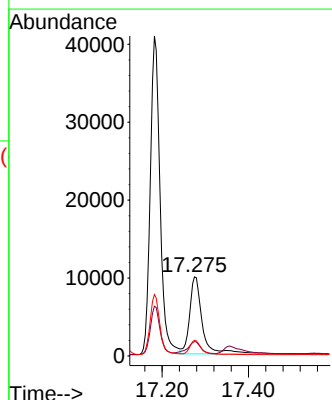
RT: 17.275 min Scan# 3149

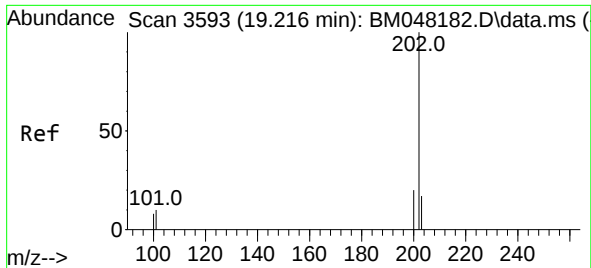
Delta R.T. -0.043 min

Lab File: BM048194.D

Acq: 22 Oct 2024 15:58

Tgt Ion:	178	Resp:	19982
Ion	Ratio	Lower	Upper
178	100		
179	18.1	14.5	21.7
176	19.8	16.0	24.0





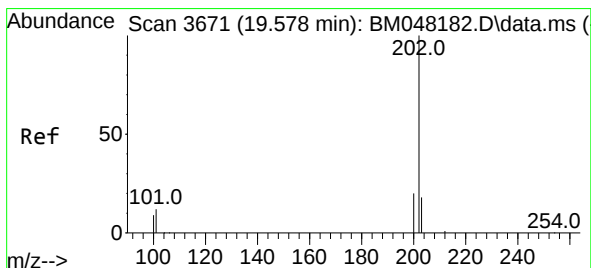
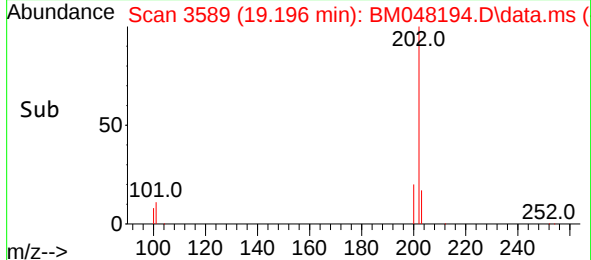
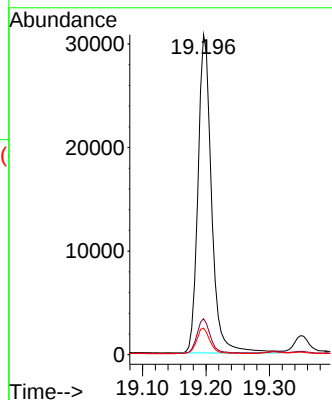
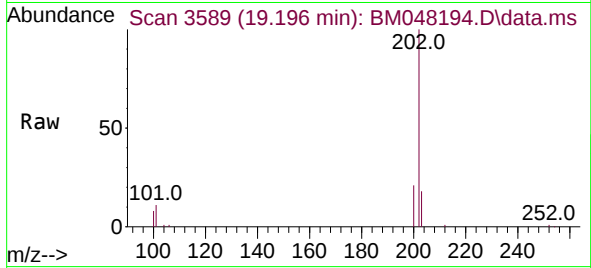
#19
Fluoranthene
Concen: 0.631 ng/u1
RT: 19.196 min Scan# 3589
Delta R.T. -0.020 min
Lab File: BM048194.D
Acq: 22 Oct 2024 15:58

Instrument :
BNA_M
ClientSampleId :
E27H9DL

Tgt Ion:202 Resp: 4561
Ion Ratio Lower Upper
202 100
101 11.2 9.3 13.9
100 8.3 7.1 10.7

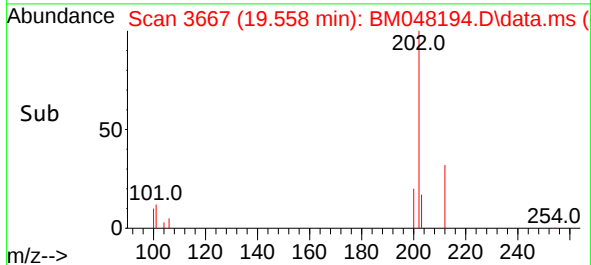
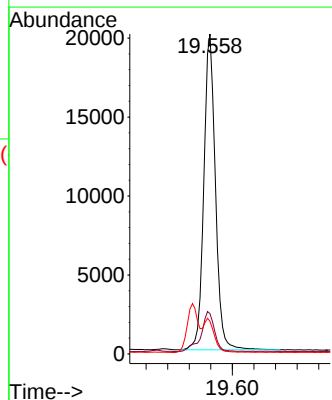
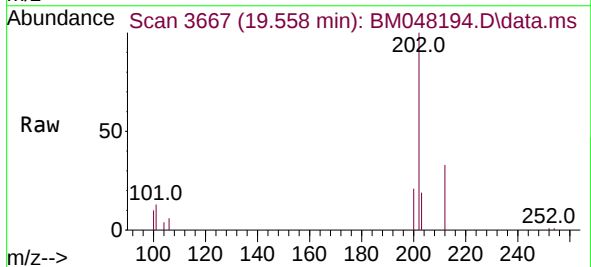
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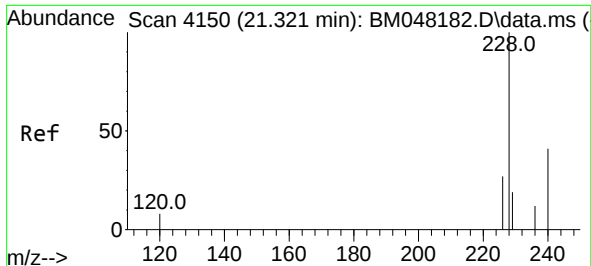
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#20
Pyrene
Concen: 0.385 ng/u1
RT: 19.558 min Scan# 3667
Delta R.T. -0.020 min
Lab File: BM048194.D
Acq: 22 Oct 2024 15:58

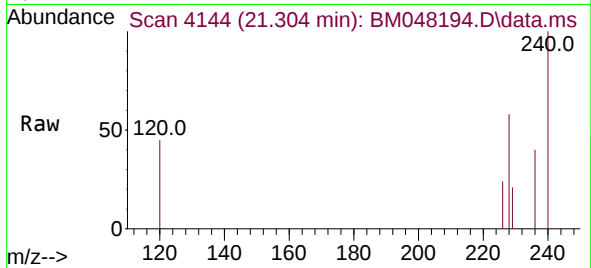
Tgt Ion:202 Resp: 29923
Ion Ratio Lower Upper
202 100
101 12.6 10.6 16.0
100 10.2 8.1 12.1





#21
Benzo(a)anthracene
Concen: 0.045 ng/u1
RT: 21.304 min Scan# 4150
Delta R.T. -0.017 min
Lab File: BM048194.D
Acq: 22 Oct 2024 15:58

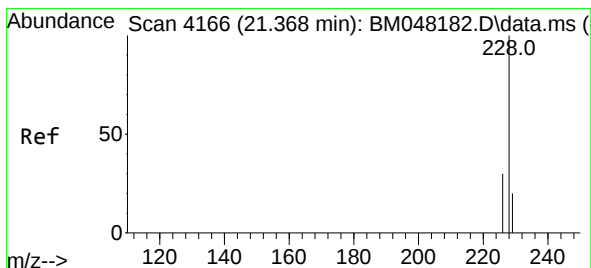
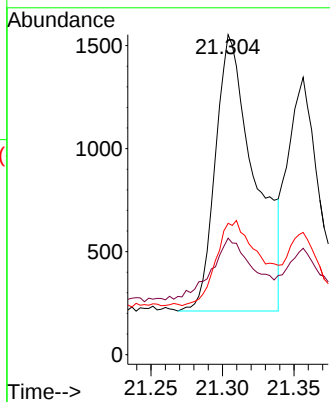
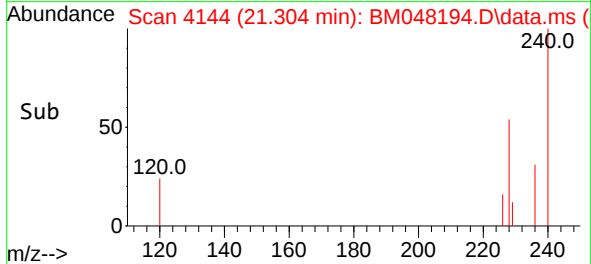
Instrument :
BNA_M
ClientSampleId :
E27H9DL



Tgt Ion:228 Resp: 2540
Ion Ratio Lower Upper
228 100
229 36.4 16.4 24.6
226 41.0 22.5 33.7

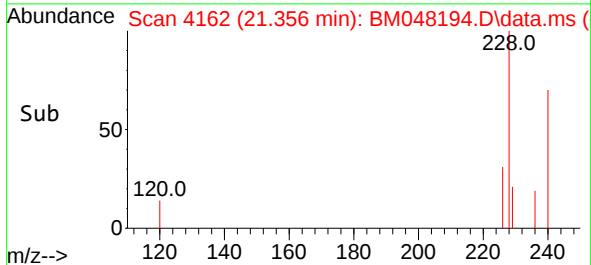
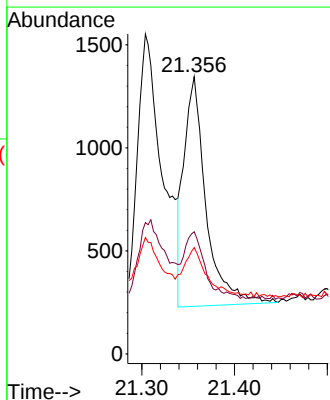
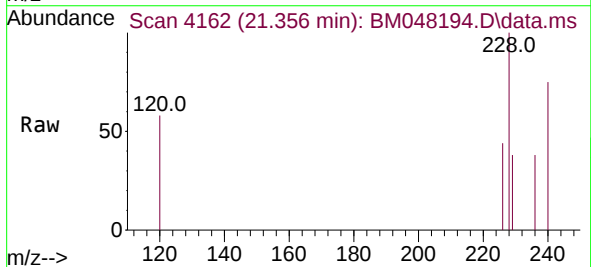
Manual Integrations
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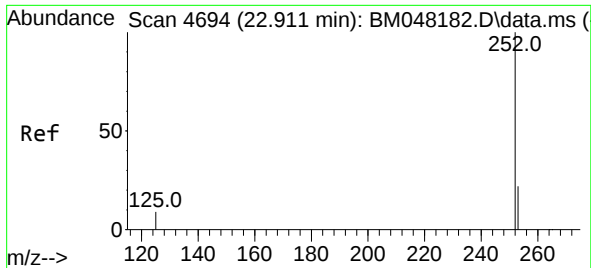
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#22
Chrysene
Concen: 0.021 ng/u1
RT: 21.356 min Scan# 4162
Delta R.T. -0.011 min
Lab File: BM048194.D
Acq: 22 Oct 2024 15:58

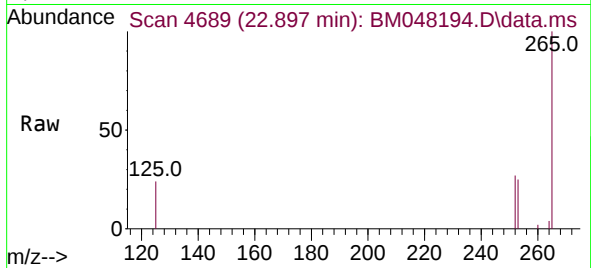
Tgt Ion:228 Resp: 1845
Ion Ratio Lower Upper
228 100
226 44.1 24.0 36.0#
229 38.3 16.1 24.1#





#24
Benzo(b)fluoranthene
Concen: 0.024 ng/ul m
RT: 22.897 min Scan# 4
Delta R.T. -0.014 min
Lab File: BM048194.D
Acq: 22 Oct 2024 15:58

Instrument :
BNA_M
ClientSampleId :
E27H9DL



Tgt Ion:252 Resp: 163
Ion Ratio Lower Upper
252 100
253 92.6 0.0 61.6
125 88.6 0.0 42.8

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