

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048153.D
 Acq On : 21 Oct 2024 13:59
 Operator : RC/JU
 Sample : P4380-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27G7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 21 14:34:22 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 : Sat Oct 19 00:48:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	6629	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.556	136	20548	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.399	164	15743	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.144	188	23539m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.316	240	17749m	0.400	ng/ul	-0.02
23) Perylene-d12	23.575	264	15165m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	36948	4.100	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.151	152	11458	0.400	ng/ul	-0.05
18) Fluoranthene-d10	19.168	212	22230m	0.430	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.611	128	9690747	173.533	ng/ul	98
7) 2-Methylnaphthalene	12.222	142	489231	15.312	ng/ul	97
8) 1-Methylnaphthalene	12.442	142	244836	6.659	ng/ul	98
10) Acenaphthylene	14.122	152	585410	8.050	ng/ul	98
11) Acenaphthene	14.464	153	256172	4.929	ng/ul	98
12) Fluorene	15.449	166	315975	5.675	ng/ul	99
14) Pentachlorophenol	16.807	266	1076m	0.136	ng/ul	
15) Phenanthrene	17.182	178	756615m	12.719	ng/ul	
16) Anthracene	17.275	178	84427m	1.500	ng/ul	
19) Fluoranthene	19.196	202	113973m	1.636	ng/ul	
20) Pyrene	19.559	202	60495m	0.808	ng/ul	

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

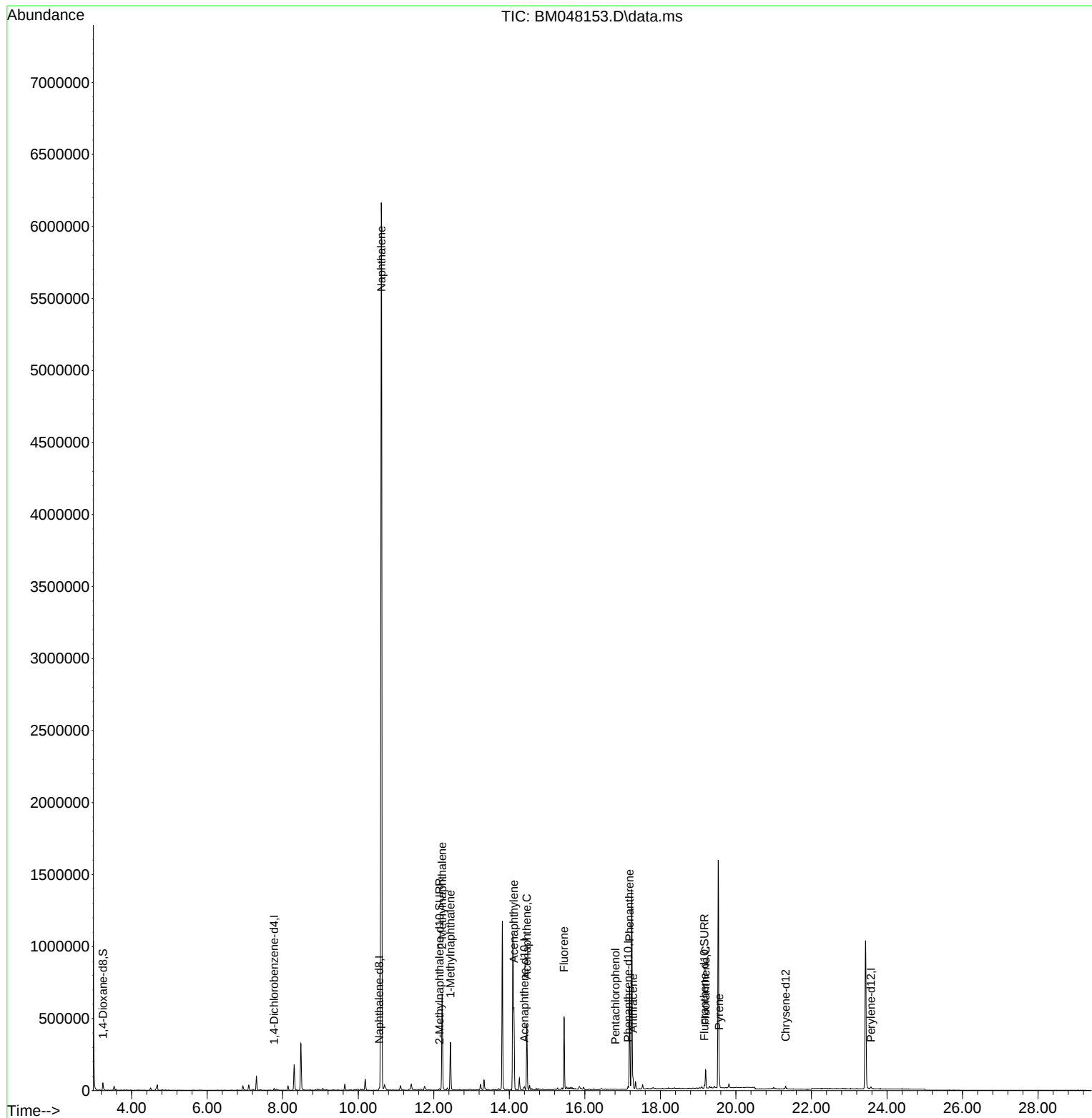
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048153.D
Acq On : 21 Oct 2024 13:59
Operator : RC/JU
Sample : P4380-22
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ALS Vial : 8 Sample Multiplier: 1

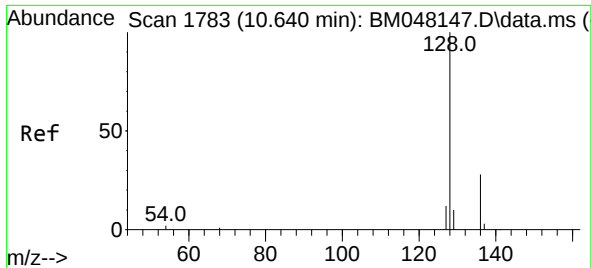
Instrument :
BNA_M
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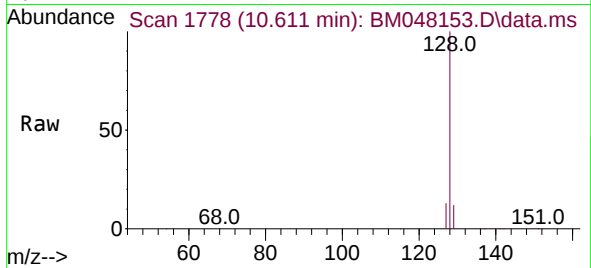
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024





#5
Naphthalene
Concen: 173.533 ng/ul
RT: 10.611 min Scan# 1783
Delta R.T. -0.027 min
Lab File: BM048153.D
Acq: 21 Oct 2024 13:59

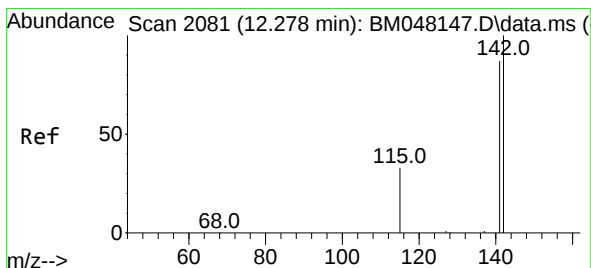
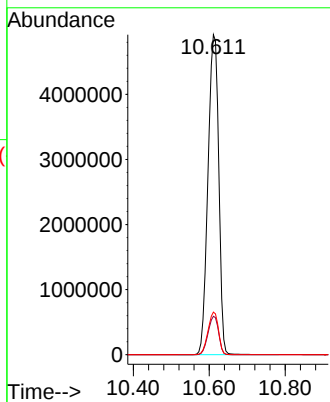
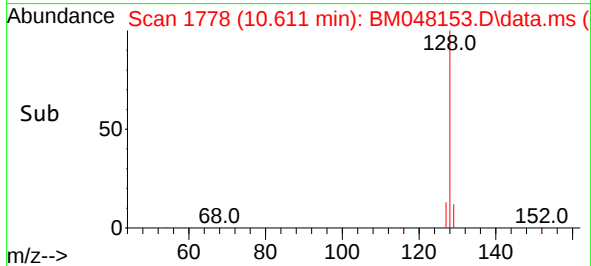
Instrument :
BNA_M
ClientSampleId :
E27G7



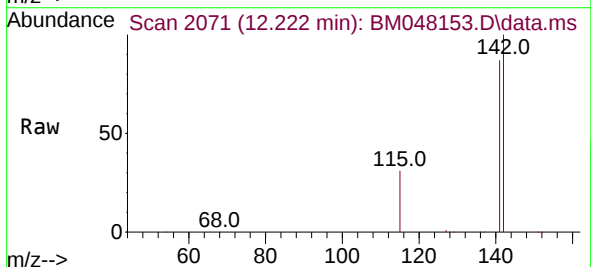
Tgt Ion:128 Resp: 969074
Ion Ratio Lower Upper
128 100
129 12.0 10.6 15.8
127 13.3 11.3 16.9

Manual Integrations
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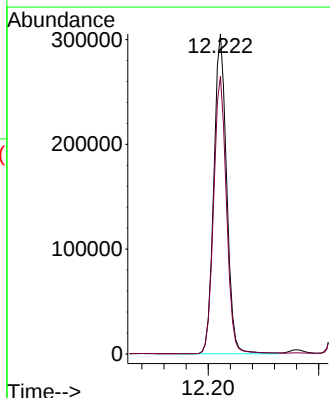
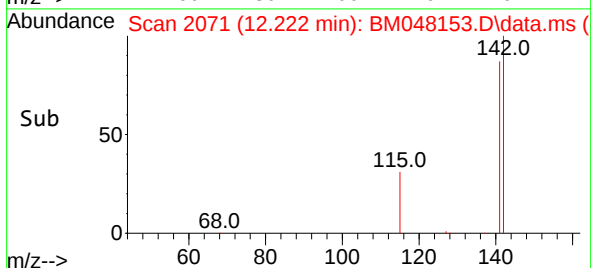
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

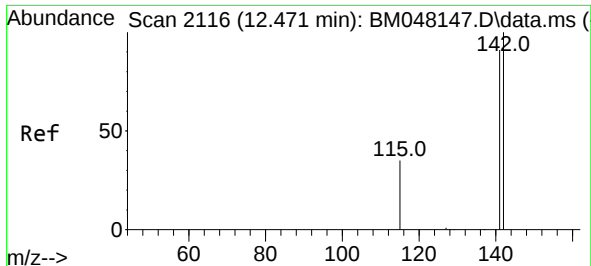


#7
2-Methylnaphthalene
Concen: 15.312 ng/ul
RT: 12.222 min Scan# 2071
Delta R.T. -0.050 min
Lab File: BM048153.D
Acq: 21 Oct 2024 13:59



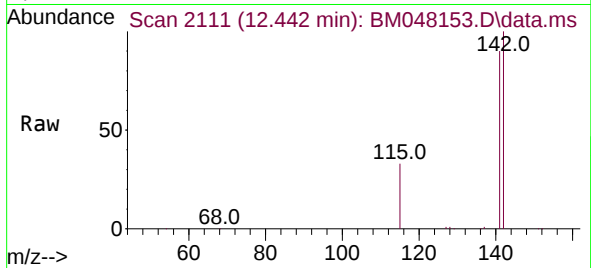
Tgt Ion:142 Resp: 489231
Ion Ratio Lower Upper
142 100
141 87.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 6.659 ng/ul
RT: 12.442 min Scan# 2111
Delta R.T. -0.027 min
Lab File: BM048153.D
Acq: 21 Oct 2024 13:59

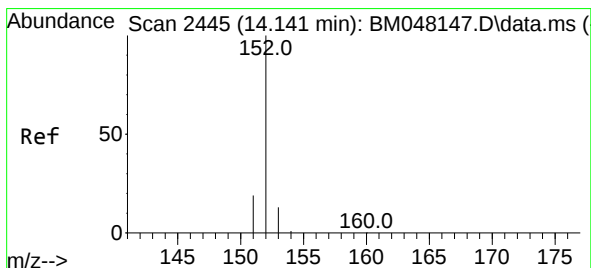
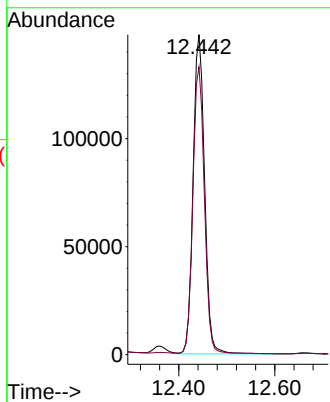
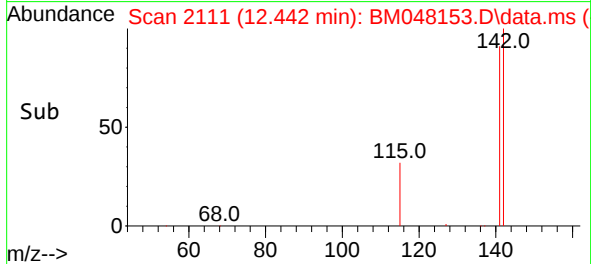
Instrument :
BNA_M
ClientSampleId :
E27G7



Tgt Ion:142 Resp: 244830
Ion Ratio Lower Upper
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141 89.9 73.8 110.6

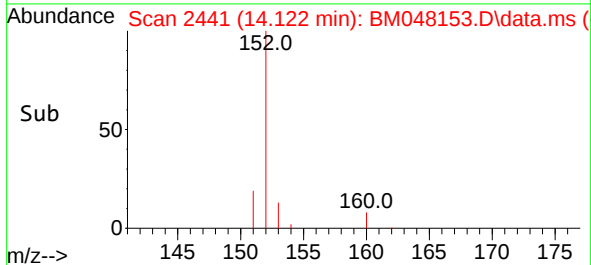
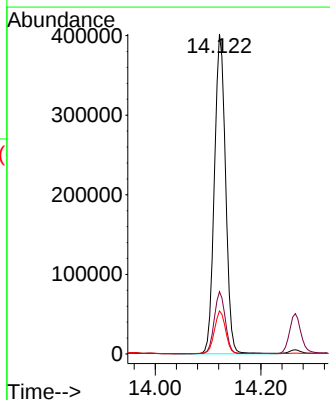
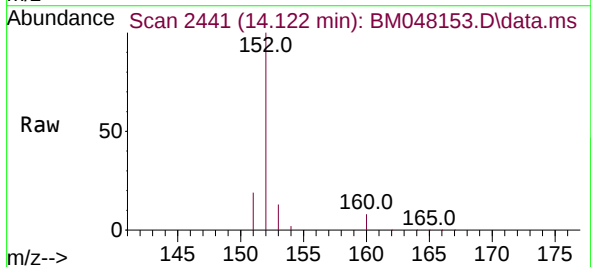
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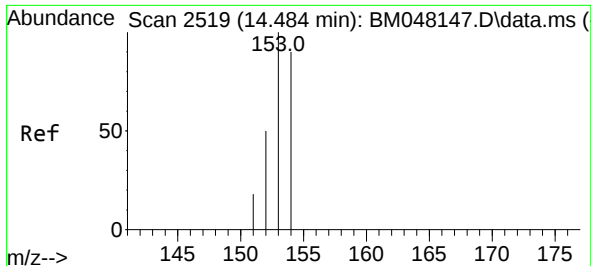
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 8.050 ng/ul
RT: 14.122 min Scan# 2441
Delta R.T. -0.023 min
Lab File: BM048153.D
Acq: 21 Oct 2024 13:59

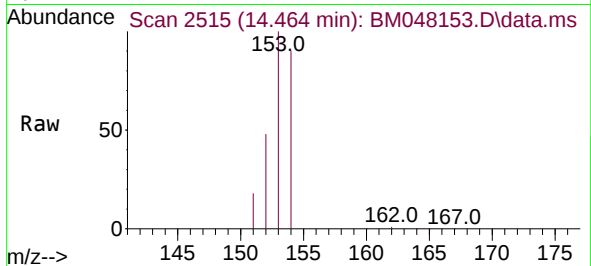
Tgt Ion:152 Resp: 585410
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.4
153 13.4 11.7 17.5





#11
Acenaphthene
Concen: 4.929 ng/ul
RT: 14.464 min Scan# 21
Delta R.T. -0.019 min
Lab File: BM048153.D
Acq: 21 Oct 2024 13:59

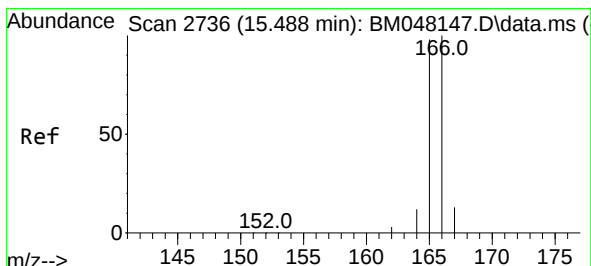
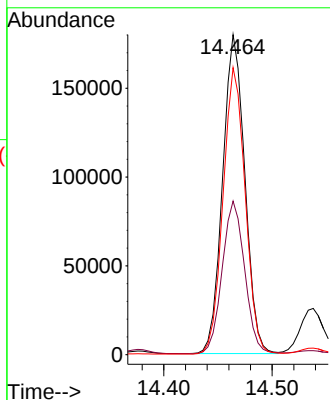
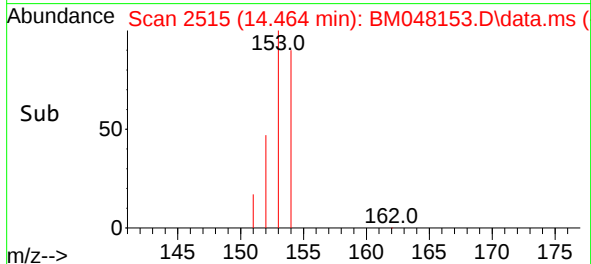
Instrument :
BNA_M
ClientSampleId :
E27G7



Tgt Ion:153 Resp: 256172
Ion Ratio Lower Upper
153 100
152 48.0 40.9 61.3
154 89.7 71.0 106.4

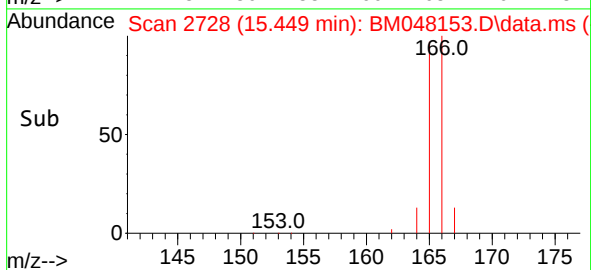
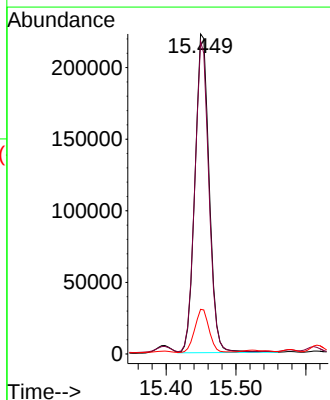
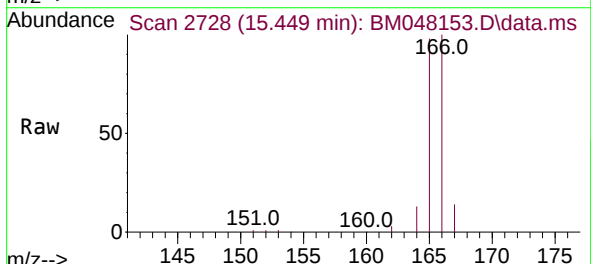
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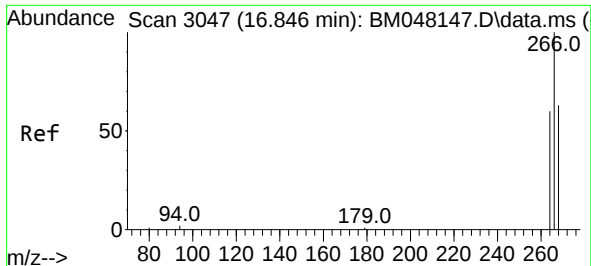
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#12
Fluorene
Concen: 5.675 ng/ul
RT: 15.449 min Scan# 2728
Delta R.T. -0.032 min
Lab File: BM048153.D
Acq: 21 Oct 2024 13:59

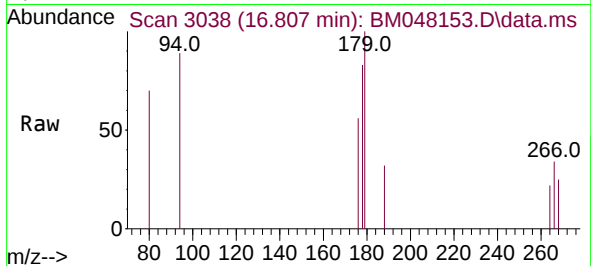
Tgt Ion:166 Resp: 315975
Ion Ratio Lower Upper
166 100
165 97.6 79.1 118.7
167 14.0 12.0 18.0





#14
Pentachlorophenol
Concen: 0.136 ng/ul m
RT: 16.807 min Scan# 3047
Delta R.T. -0.034 min
Lab File: BM048153.D
Acq: 21 Oct 2024 13:59

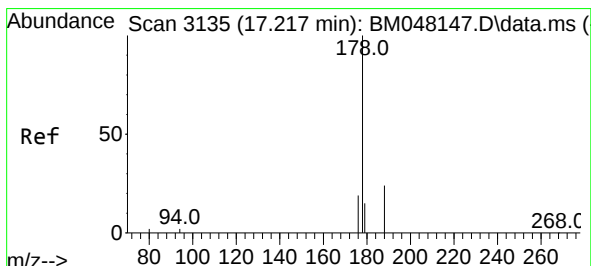
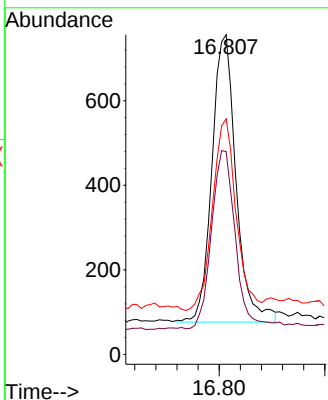
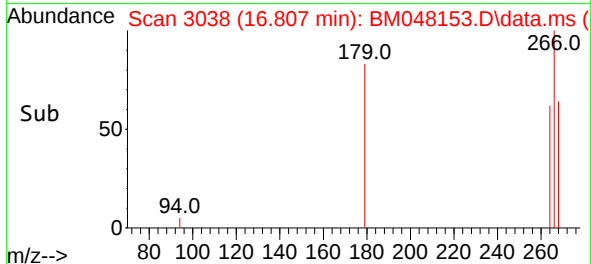
Instrument :
BNA_M
ClientSampleId :
E27G7



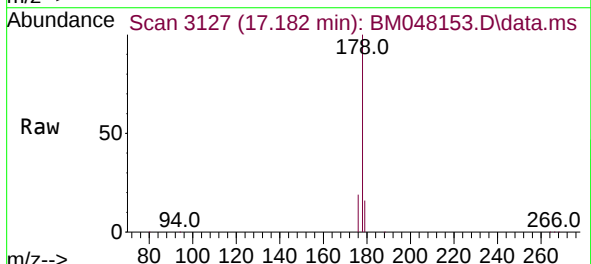
Tgt Ion:266 Resp: 1070
Ion Ratio Lower Upper
266 100
264 0.0 50.2 75.2
268 0.0 51.8 77.6

Manual Integrations
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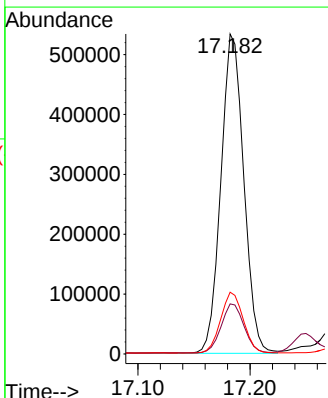
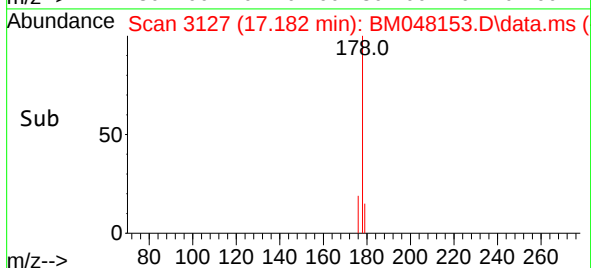
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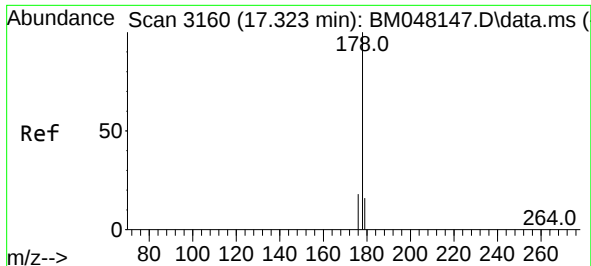


#15
Phenanthrene
Concen: 12.719 ng/ul m
RT: 17.182 min Scan# 3127
Delta R.T. -0.034 min
Lab File: BM048153.D
Acq: 21 Oct 2024 13:59



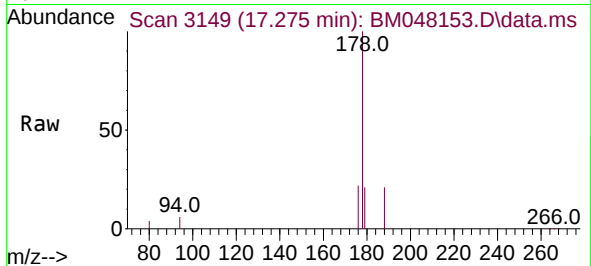
Tgt Ion:178 Resp: 756615
Ion Ratio Lower Upper
178 100
179 15.7 13.2 19.8
176 19.3 16.0 24.0





#16
 Anthracene
 Concen: 1.500 ng/ul m
 RT: 17.275 min Scan# 3160
 Delta R.T. -0.046 min
 Lab File: BM048153.D
 Acq: 21 Oct 2024 13:59

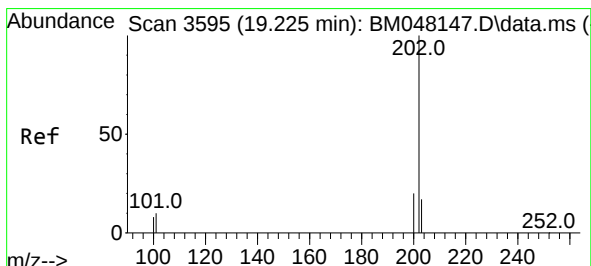
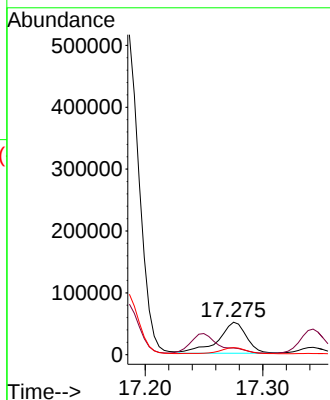
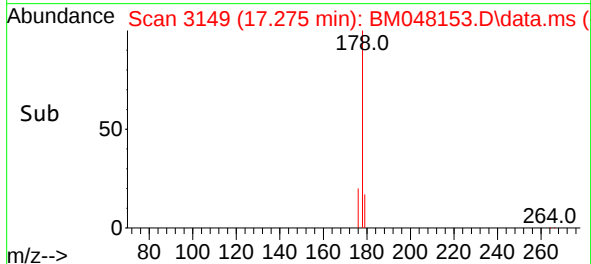
Instrument :
 BNA_M
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 E27G7



Tgt Ion:178 Resp: 8442
 Ion Ratio Lower Upper
 178 100
 179 20.6 14.5 21.7
 176 21.8 16.0 24.0

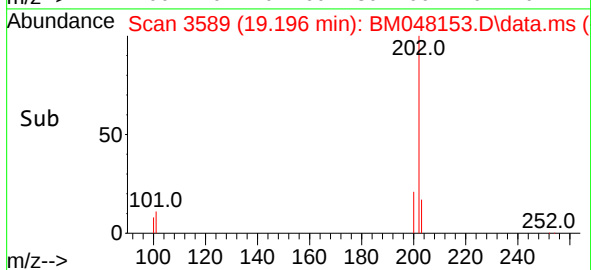
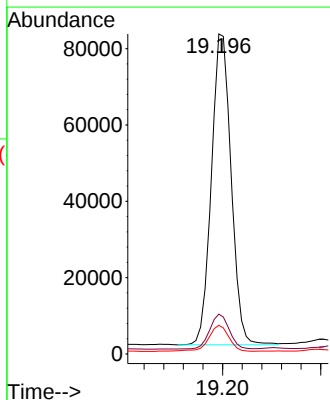
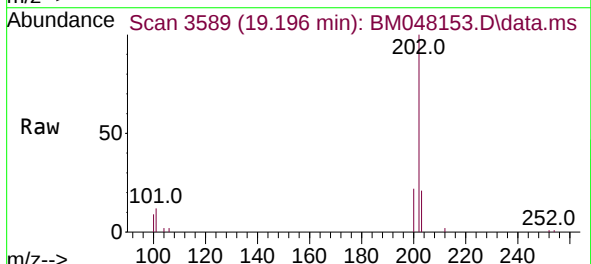
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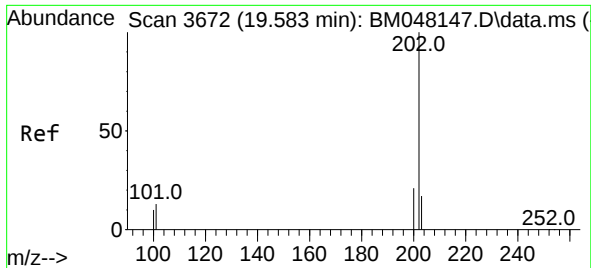
Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024



#19
 Fluoranthene
 Concen: 1.636 ng/ul m
 RT: 19.196 min Scan# 3589
 Delta R.T. -0.023 min
 Lab File: BM048153.D
 Acq: 21 Oct 2024 13:59

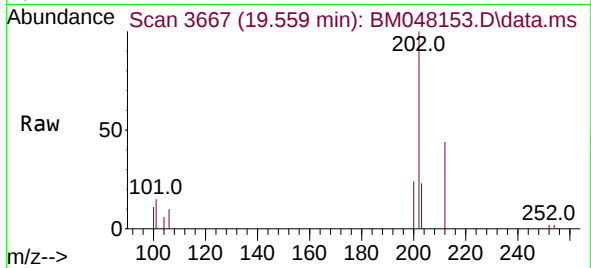
Tgt Ion:202 Resp: 113973
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.3 13.9
 100 9.0 7.1 10.7





#20
Pyrene
Concen: 0.808 ng/ul m
RT: 19.559 min Scan# 30
Delta R.T. -0.023 min
Lab File: BM048153.D
Acq: 21 Oct 2024 13:59

Instrument :
BNA_M
ClientSampleId :
E27G7



Tgt Ion:202 Resp: 60495
Ion Ratio Lower Upper
202 100
101 15.2 10.6 16.0
100 11.2 8.1 12.1

Manual Integrations
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