

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048170.D
 Acq On : 22 Oct 2024 00:51
 Operator : RC/JU
 Sample : P4380-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H3

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 01:24:08 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 : Mon Oct 21 23:11:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	6537	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.552	136	20241	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.396	164	16753	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.141	188	22384m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.315	240	17682m	0.400	ng/ul	-0.02
23) Perylene-d12	23.574	264	14208m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	32870	3.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	11065	0.392	ng/ul	-0.05
18) Fluoranthene-d10	19.169	212	21202m	0.412	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.601	128	1172257	21.310	ng/ul	96
7) 2-Methylnaphthalene	12.218	142	101007	3.209	ng/ul	98
8) 1-Methylnaphthalene	12.438	142	105370	2.909	ng/ul	98
10) Acenaphthylene	14.118	152	110917	1.433	ng/ul	99
11) Acenaphthene	14.465	153	74076	1.339	ng/ul	98
12) Fluorene	15.450	166	104339	1.761	ng/ul	98
14) Pentachlorophenol	16.804	266	1307m	0.174	ng/ul	
15) Phenanthrene	17.183	178	191678m	3.388	ng/ul	
16) Anthracene	17.272	178	26939m	0.503	ng/ul	
19) Fluoranthene	19.197	202	39777m	0.573	ng/ul	
20) Pyrene	19.560	202	22577m	0.303	ng/ul	

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

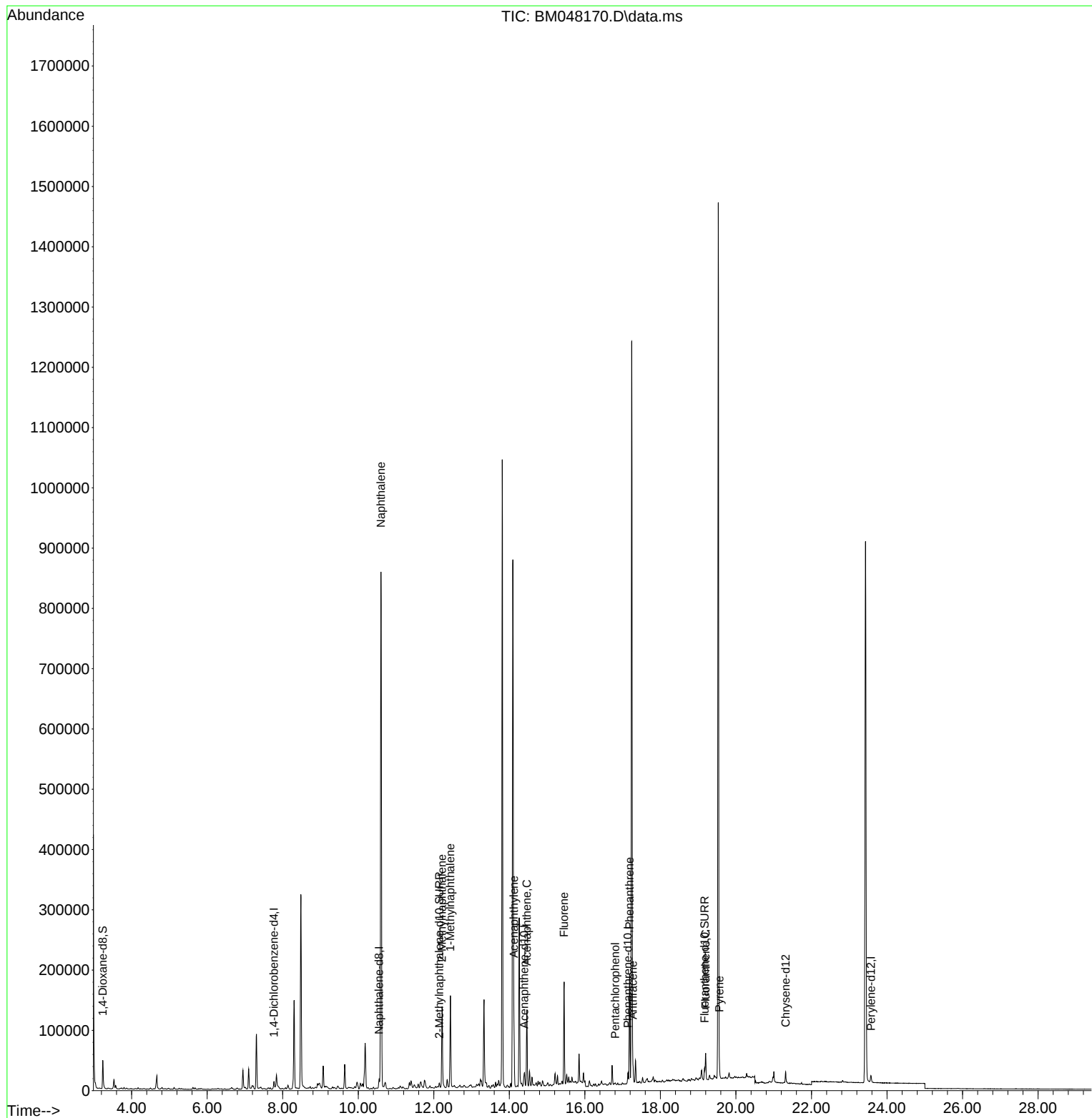
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048170.D
Acq On : 22 Oct 2024 00:51
Operator : RC/JU
Sample : P4380-14
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ALS Vial : 26 Sample Multiplier: 1

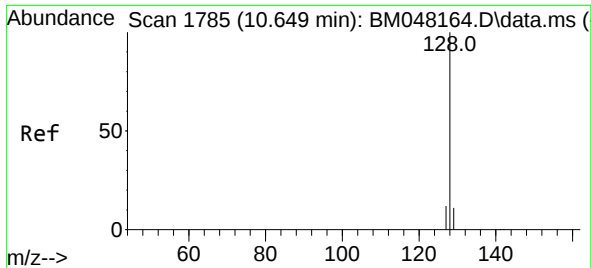
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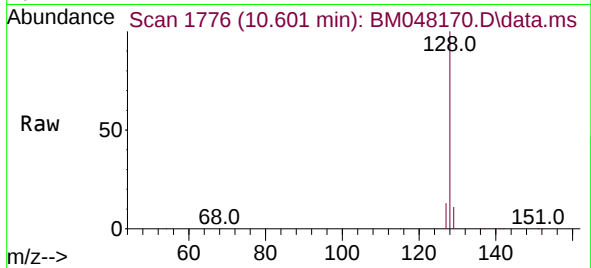
Quant Time: Oct 22 01:24:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
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#5
Naphthalene
Concen: 21.310 ng/ul
RT: 10.601 min Scan# 1776
Delta R.T. -0.037 min
Lab File: BM048170.D
Acq: 22 Oct 2024 00:51

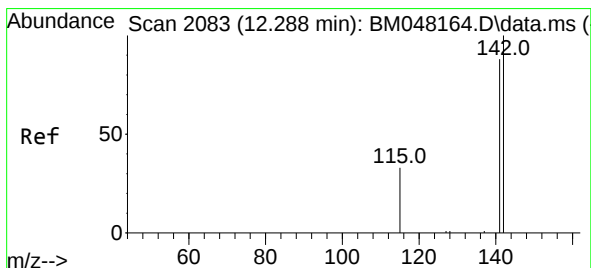
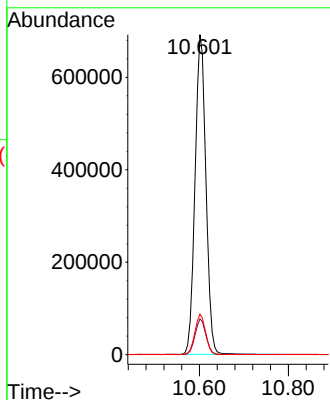
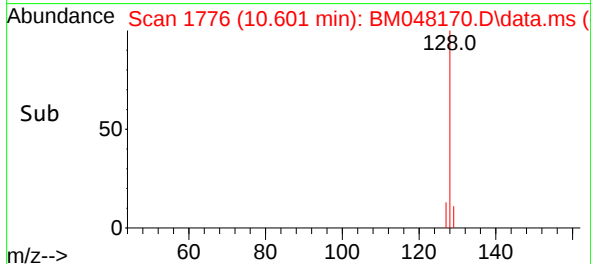
Instrument :
BNA_M
ClientSampleId :
E27H3



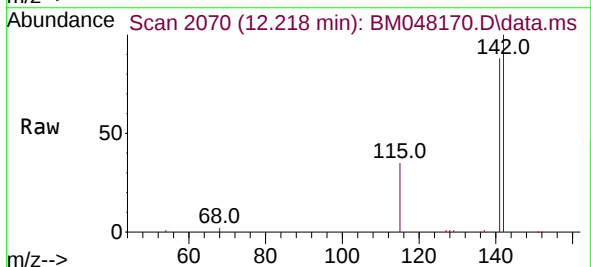
Tgt Ion:128 Resp: 117225
Ion Ratio Lower Upper
128 100
129 11.1 10.6 15.8
127 12.7 11.3 16.9

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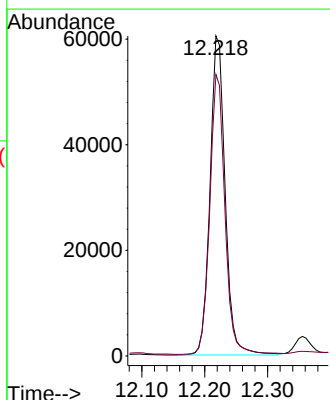
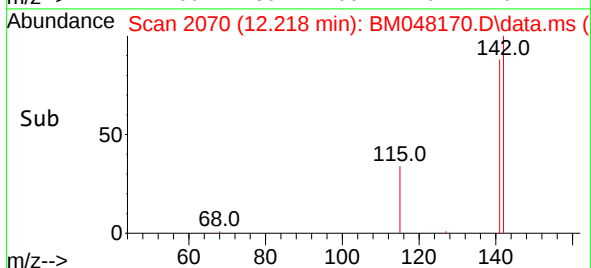
Reviewed By :Yogesh Patel 10/22/2024
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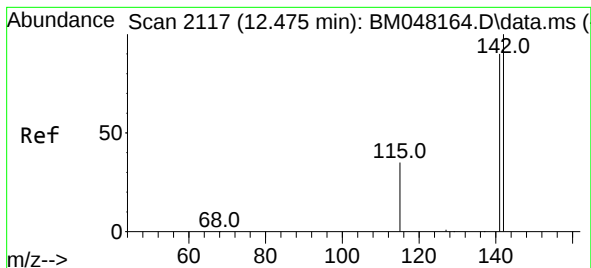


#7
2-Methylnaphthalene
Concen: 3.209 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. -0.054 min
Lab File: BM048170.D
Acq: 22 Oct 2024 00:51



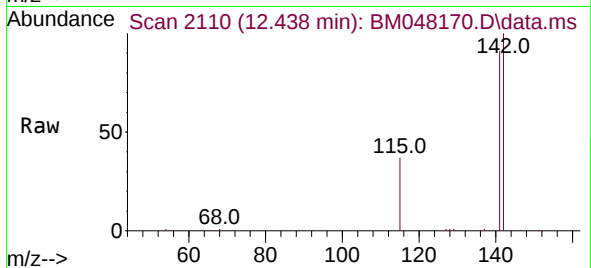
Tgt Ion:142 Resp: 101007
Ion Ratio Lower Upper
142 100
141 87.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 2.909 ng/ul
RT: 12.438 min Scan# 2117
Delta R.T. -0.032 min
Lab File: BM048170.D
Acq: 22 Oct 2024 00:51

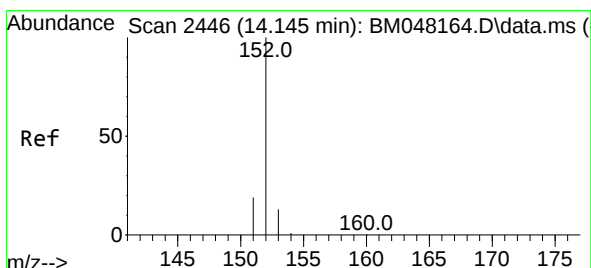
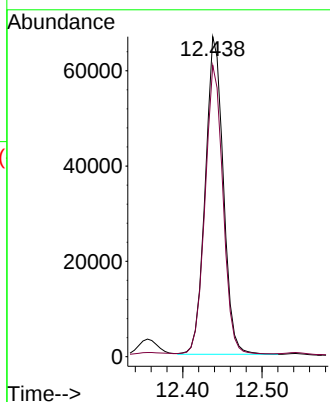
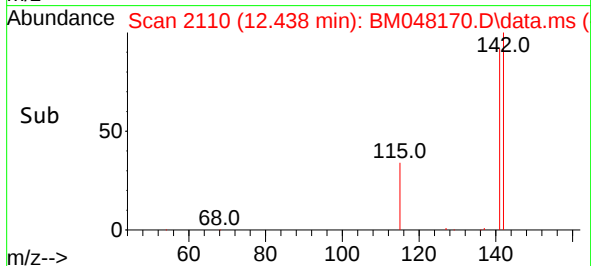
Instrument :
BNA_M
ClientSampleId :
E27H3



Tgt Ion:142 Resp: 105370
Ion Ratio Lower Upper
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141 89.9 73.8 110.6

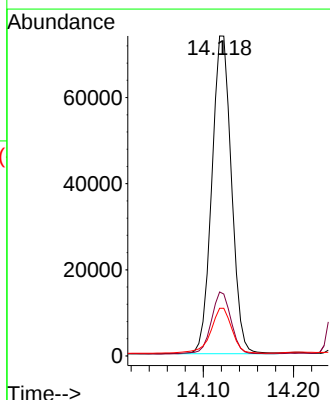
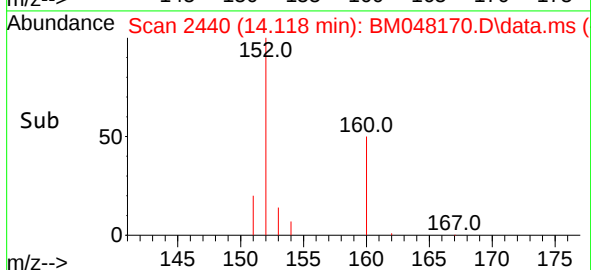
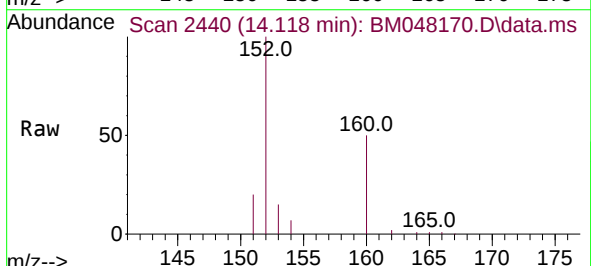
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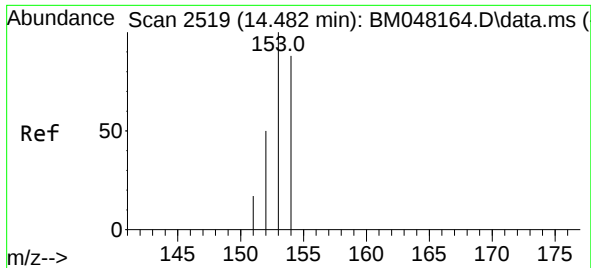
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 1.433 ng/ul
RT: 14.118 min Scan# 2440
Delta R.T. -0.027 min
Lab File: BM048170.D
Acq: 22 Oct 2024 00:51

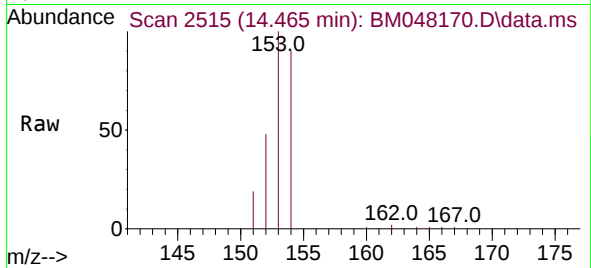
Tgt Ion:152 Resp: 110917
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 14.9 11.7 17.5





#11
Acenaphthene
Concen: 1.339 ng/ul
RT: 14.465 min Scan# 2153
Delta R.T. -0.017 min
Lab File: BM048170.D
Acq: 22 Oct 2024 00:51

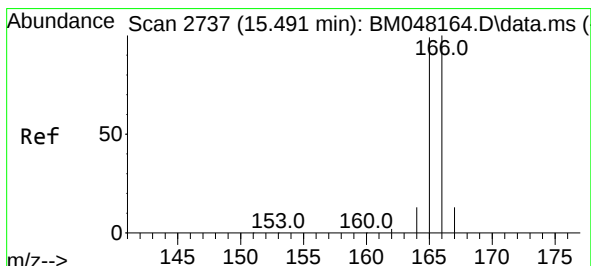
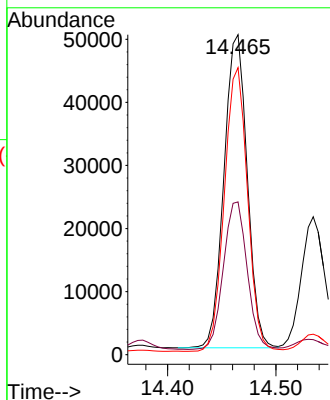
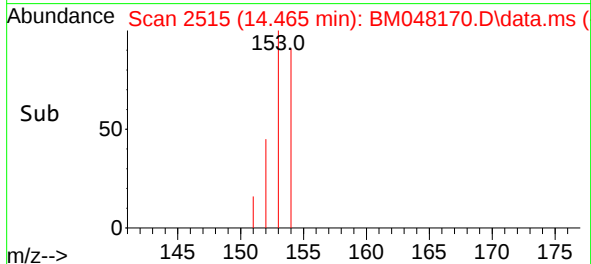
Instrument :
BNA_M
ClientSampleId :
E27H3



Tgt Ion:153 Resp: 74070
Ion Ratio Lower Upper
153 100
152 47.7 40.9 61.3
154 89.7 71.0 106.4

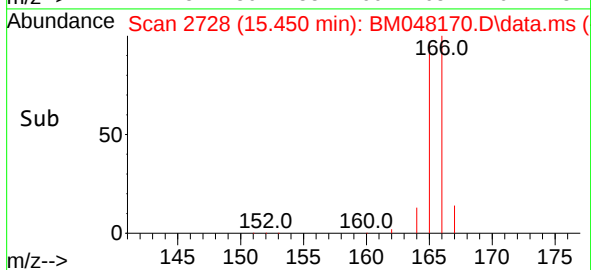
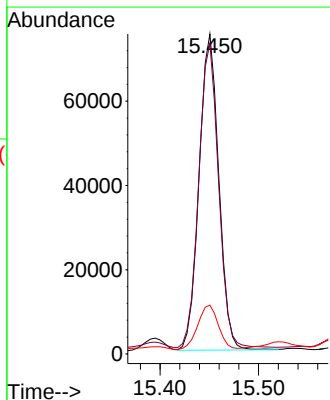
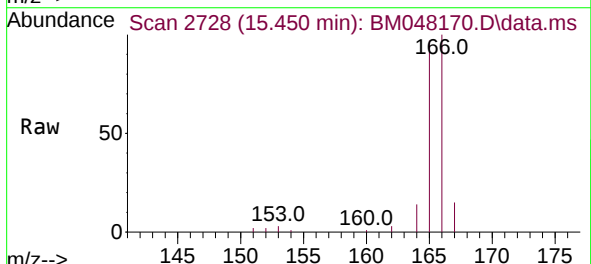
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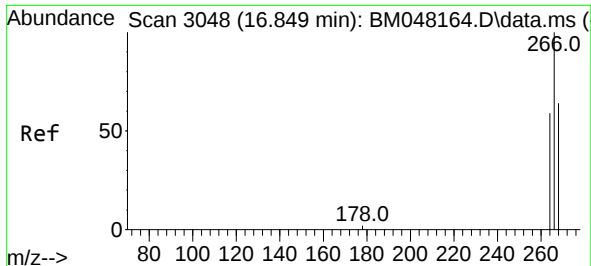
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#12
Fluorene
Concen: 1.761 ng/ul
RT: 15.450 min Scan# 2728
Delta R.T. -0.031 min
Lab File: BM048170.D
Acq: 22 Oct 2024 00:51

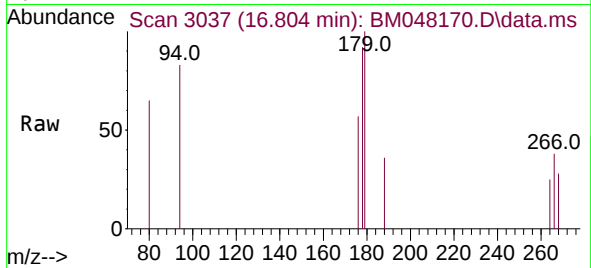
Tgt Ion:166 Resp: 104339
Ion Ratio Lower Upper
166 100
165 97.1 79.1 118.7
167 15.3 12.0 18.0





#14
Pentachlorophenol
Concen: 0.174 ng/ul m
RT: 16.804 min Scan# 3048
Delta R.T. -0.037 min
Lab File: BM048170.D
Acq: 22 Oct 2024 00:51

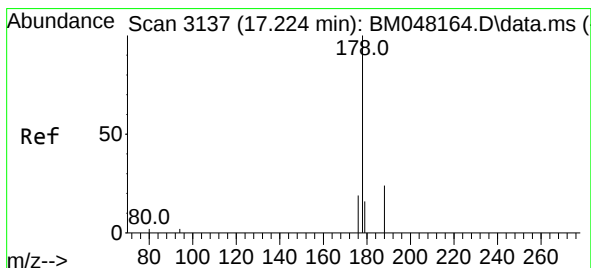
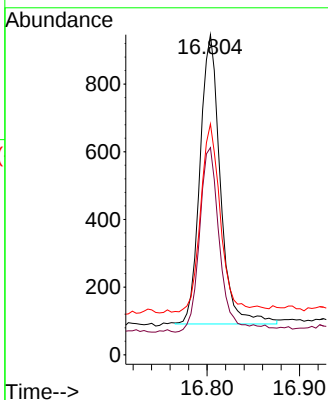
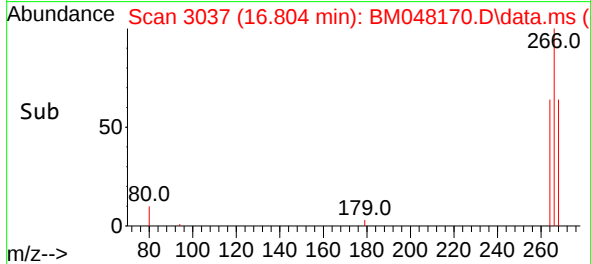
Instrument :
BNA_M
ClientSampleId :
E27H3



Tgt Ion:266 Resp: 1307
Ion Ratio Lower Upper
266 100
264 0.0 50.2 75.2
268 0.0 51.8 77.6

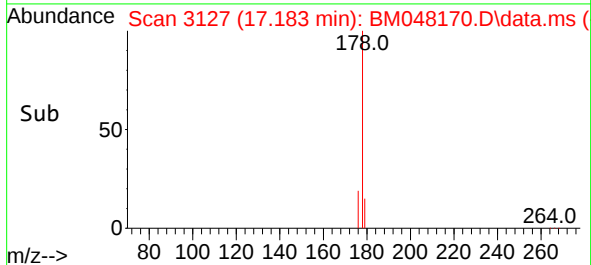
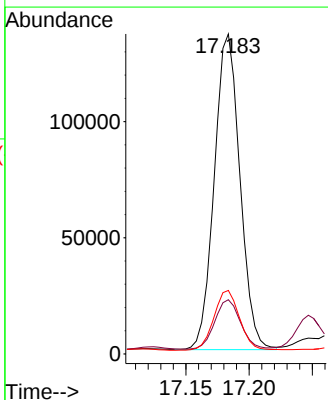
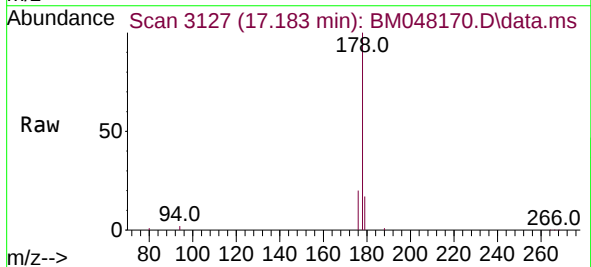
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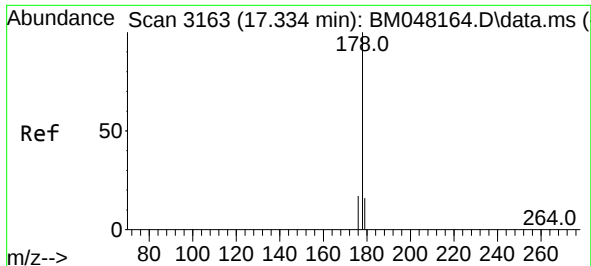
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#15
Phenanthrene
Concen: 3.388 ng/ul m
RT: 17.183 min Scan# 3127
Delta R.T. -0.033 min
Lab File: BM048170.D
Acq: 22 Oct 2024 00:51

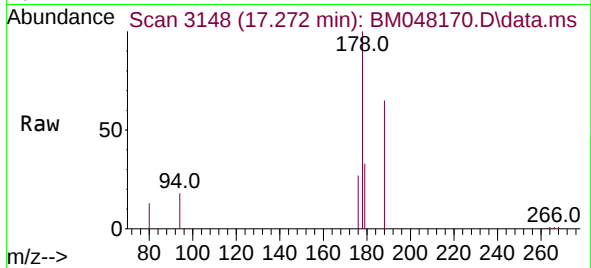
Tgt Ion:178 Resp: 191678
Ion Ratio Lower Upper
178 100
179 17.0 13.2 19.8
176 19.8 16.0 24.0





#16
 Anthracene
 Concen: 0.503 ng/ul m
 RT: 17.272 min Scan# 3163
 Delta R.T. -0.049 min
 Lab File: BM048170.D
 Acq: 22 Oct 2024 00:51

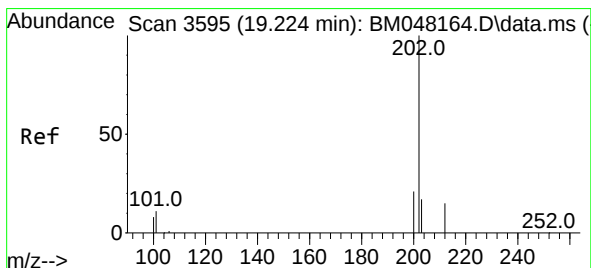
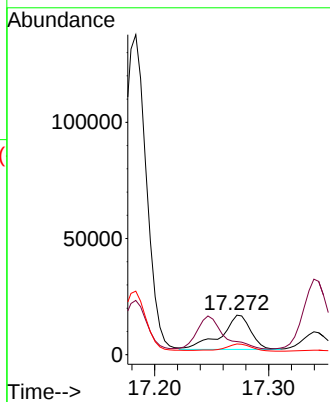
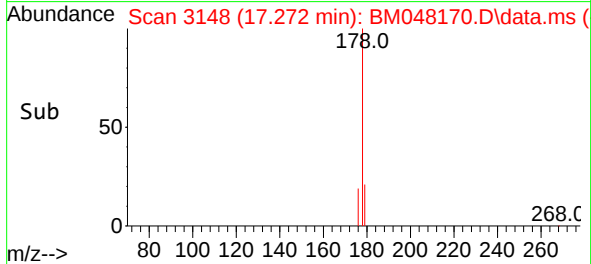
Instrument :
 BNA_M
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 E27H3



Tgt Ion:178 Resp: 26939
 Ion Ratio Lower Upper
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 179 33.2 14.5 21.7
 176 27.2 16.0 24.0

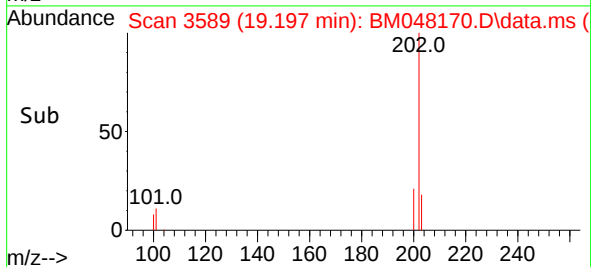
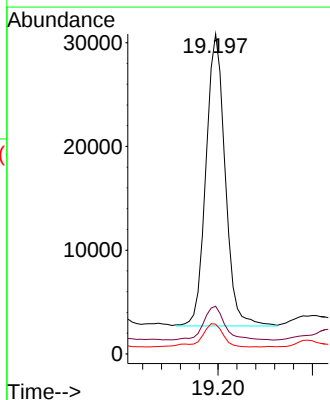
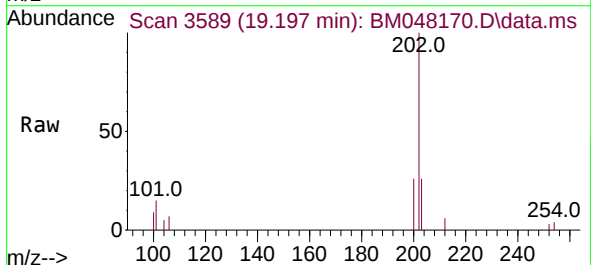
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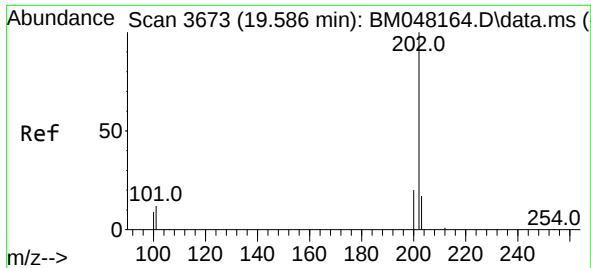
Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024



#19
 Fluoranthene
 Concen: 0.573 ng/ul m
 RT: 19.197 min Scan# 3589
 Delta R.T. -0.022 min
 Lab File: BM048170.D
 Acq: 22 Oct 2024 00:51

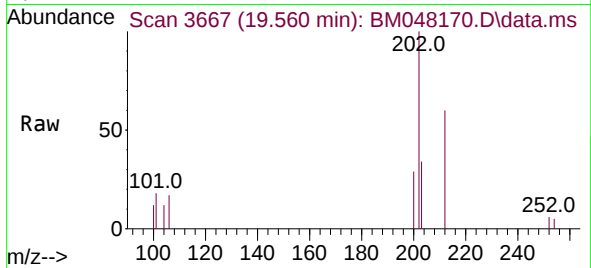
Tgt Ion:202 Resp: 39777
 Ion Ratio Lower Upper
 202 100
 101 14.9 9.3 13.9
 100 9.3 7.1 10.7





#20
Pyrene
Concen: 0.303 ng/ul m
RT: 19.560 min Scan# 30
Delta R.T. -0.022 min
Lab File: BM048170.D
Acq: 22 Oct 2024 00:51

Instrument :
BNA_M
ClientSampleId :
E27H3



Tgt Ion:202 Resp: 2257
Ion Ratio Lower Upper
202 100
101 18.1 10.6 16.0
100 11.5 8.1 12.1

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