

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027857.D
 Acq On : 26 Sep 2023 11:53
 Operator : MA/JU
 Sample : 04410-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBK31

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 27 02:59:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	3595	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.784	136	13450	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.606	164	9120	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.359	188	20670	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.542	240	19441	0.400	ng/ul	0.02
23) Perylene-d12	24.015	264	22329	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	16824	3.715	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	10755	0.528	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	30659	0.516	ng/ul	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.372	88	1444	0.306	ng/ul#	48
5) Naphthalene	10.834	128	216178	5.624	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	478159	19.603	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	505637	20.096	ng/ul	99
10) Acenaphthylene	14.324	152	6467	0.162	ng/ul#	1
11) Acenaphthene	14.671	153	183975	5.342	ng/ul	97
12) Fluorene	15.656	166	31757	0.784	ng/ul#	94
15) Phenanthrene	17.401	178	41868	0.645	ng/ul	98
16) Anthracene	17.494	178	9207	0.169	ng/ul#	87
19) Fluoranthene	19.413	202	2960	0.038	ng/ul#	72
20) Pyrene	19.780	202	9780m	0.121	ng/ul	

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

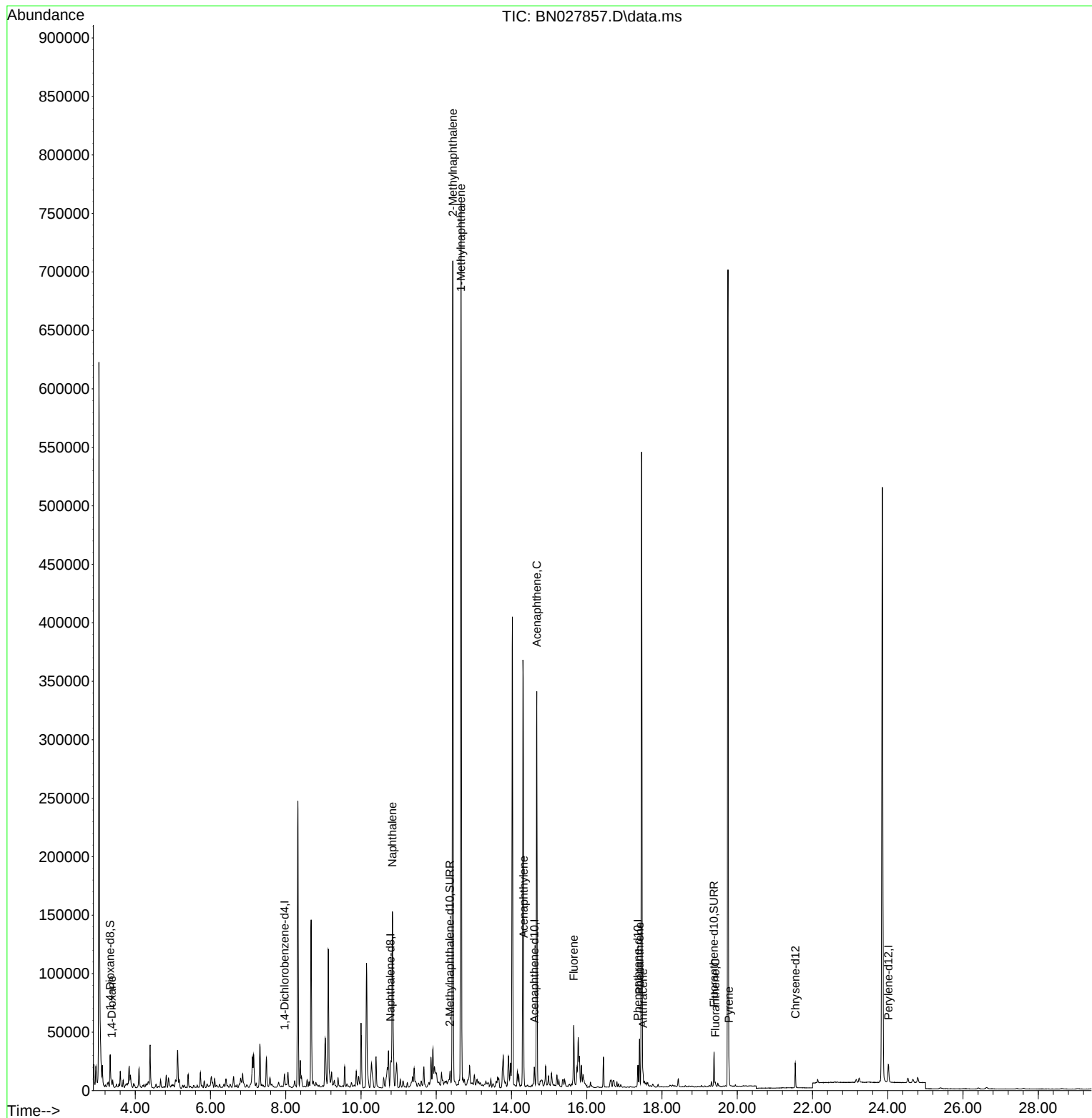
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027857.D
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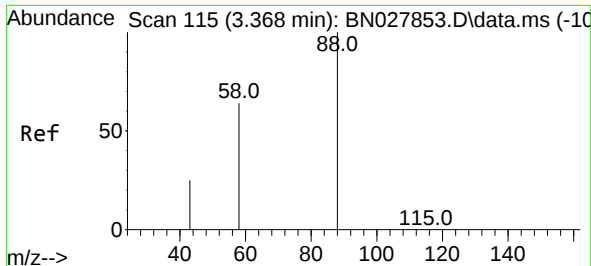
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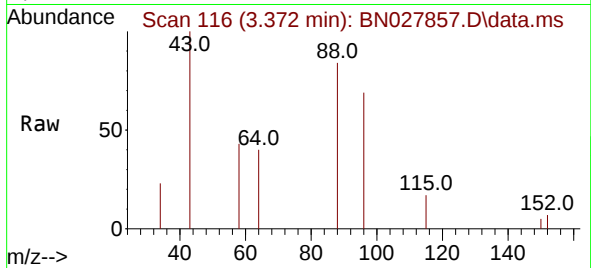
Quant Time: Sep 27 02:59:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
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#2
1,4-Dioxane
Concen: 0.306 ng/ul
RT: 3.372 min Scan# 115
Delta R.T. -0.000 min
Lab File: BN027857.D
Acq: 26 Sep 2023 11:53

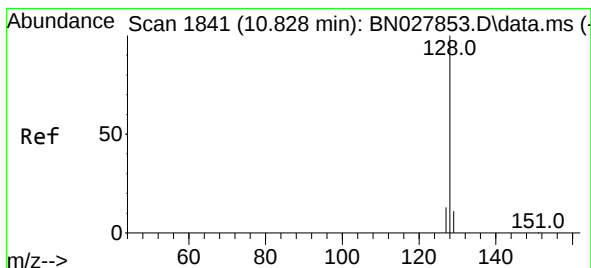
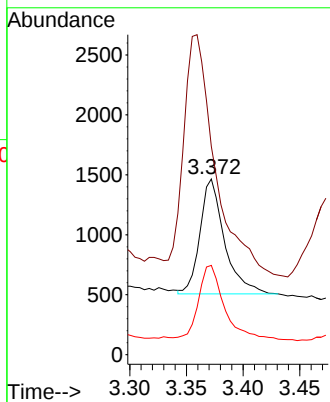
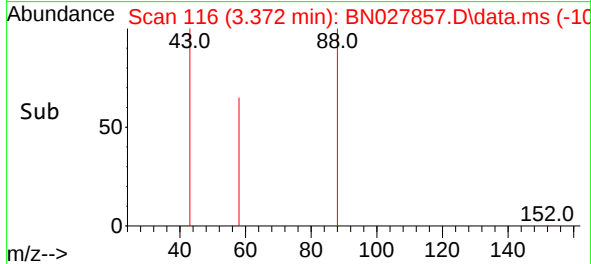
Instrument :
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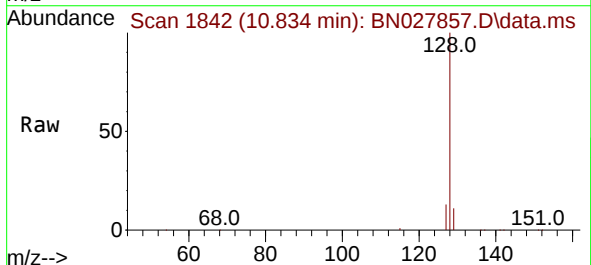
Tgt Ion: 88 Resp: 144
Ion Ratio Lower Upper
88 100
43 118.6 39.6 59.4
58 50.9 48.3 72.5

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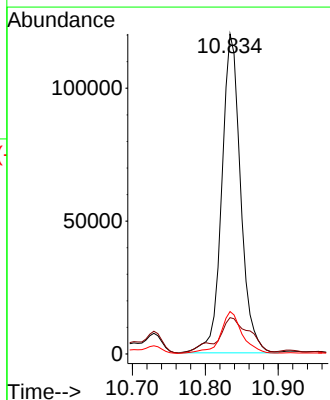
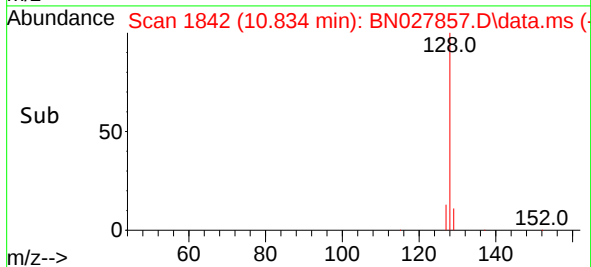
Reviewed By :Yogesh Patel 09/27/2023
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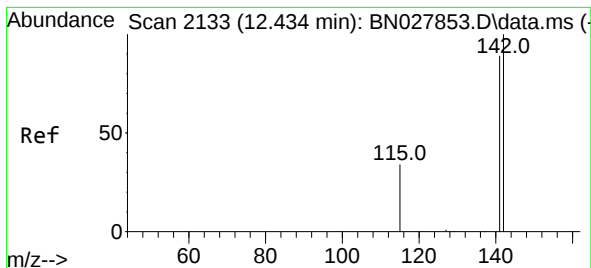


#5
Naphthalene
Concen: 5.624 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BN027857.D
Acq: 26 Sep 2023 11:53



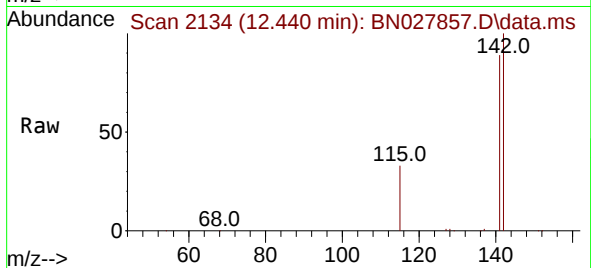
Tgt Ion:128 Resp: 216178
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.2 10.7 16.1





#7
2-Methylnaphthalene
Concen: 19.603 ng/ul
RT: 12.440 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BN027857.D
Acq: 26 Sep 2023 11:53

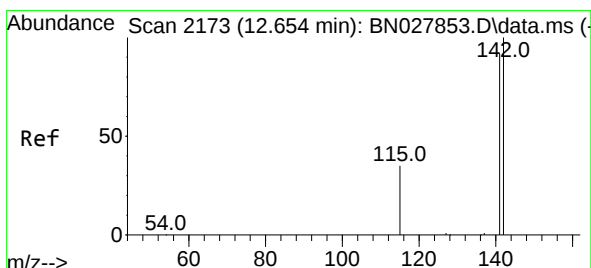
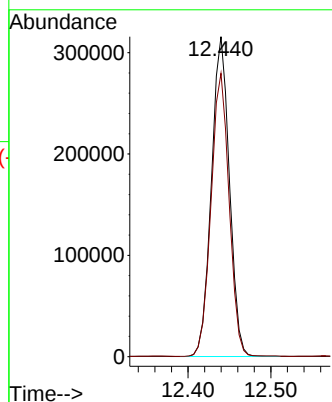
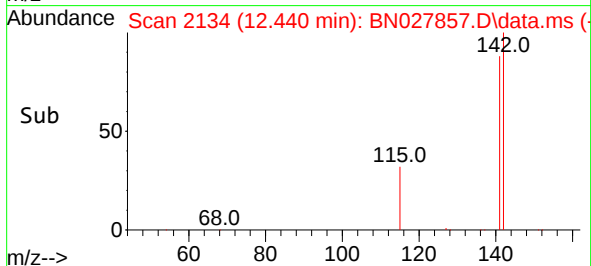
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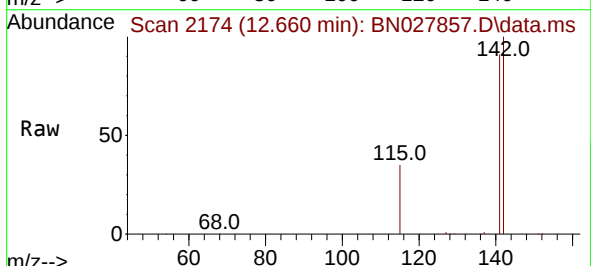
Tgt Ion:142 Resp: 47815
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7

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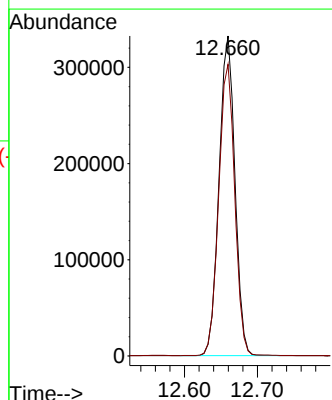
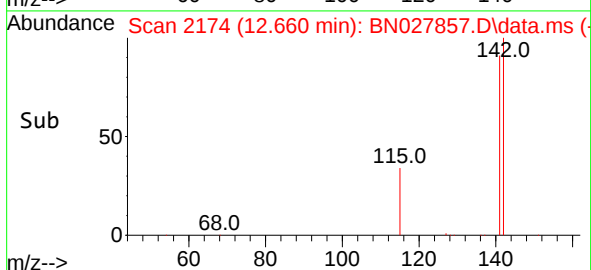
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

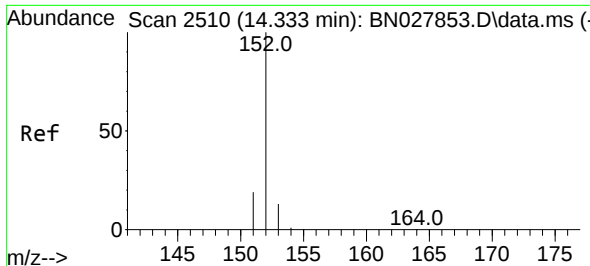


#8
1-Methylnaphthalene
Concen: 20.096 ng/ul
RT: 12.660 min Scan# 2174
Delta R.T. 0.012 min
Lab File: BN027857.D
Acq: 26 Sep 2023 11:53



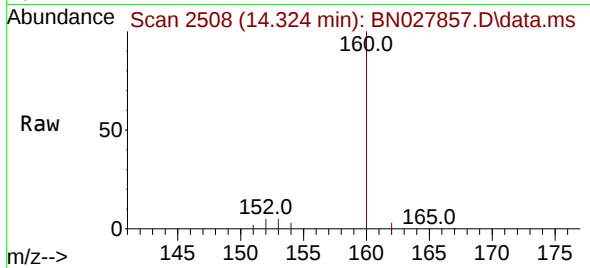
Tgt Ion:142 Resp: 505637
Ion Ratio Lower Upper
142 100
141 91.9 72.8 109.2





#10
Acenaphthylene
Concen: 0.162 ng/ul
RT: 14.324 min Scan# 2510
Delta R.T. 0.004 min
Lab File: BN027857.D
Acq: 26 Sep 2023 11:53

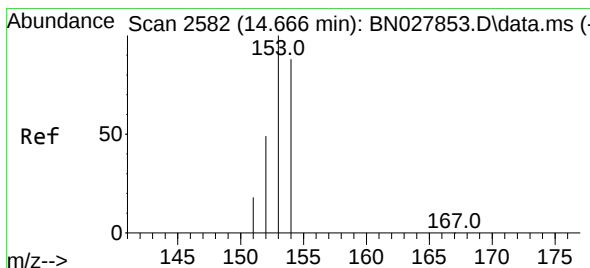
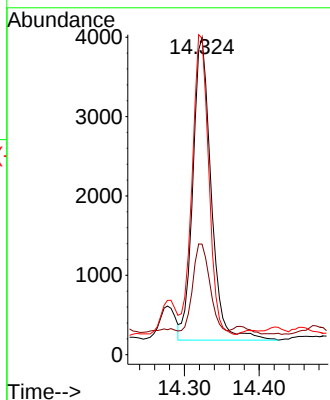
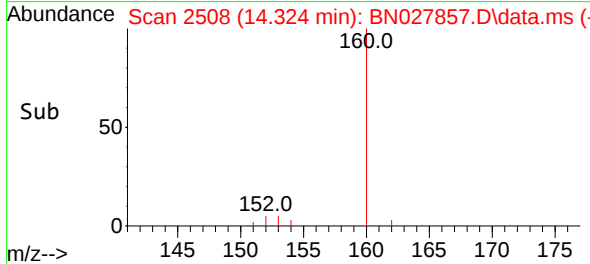
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Tgt Ion:152 Resp: 646
Ion Ratio Lower Upper
152 100
151 34.9 16.6 25.0
153 99.7 11.0 16.6

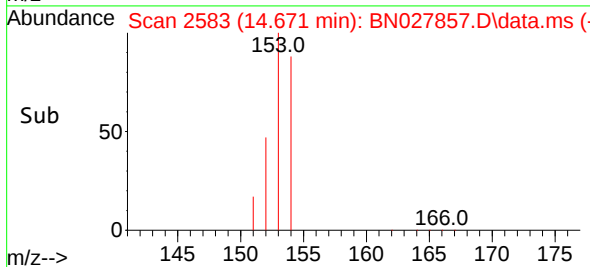
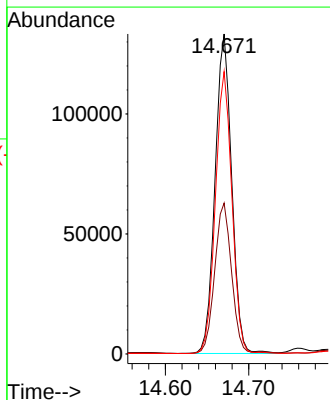
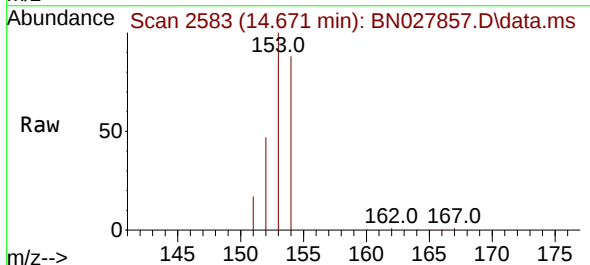
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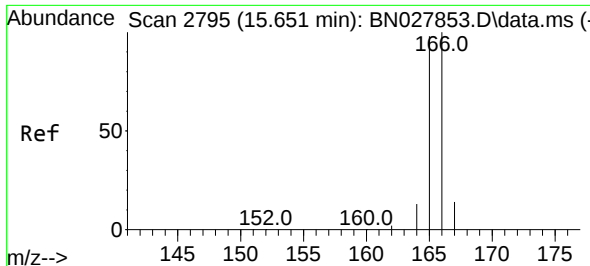
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#11
Acenaphthene
Concen: 5.342 ng/ul
RT: 14.671 min Scan# 2583
Delta R.T. 0.018 min
Lab File: BN027857.D
Acq: 26 Sep 2023 11:53

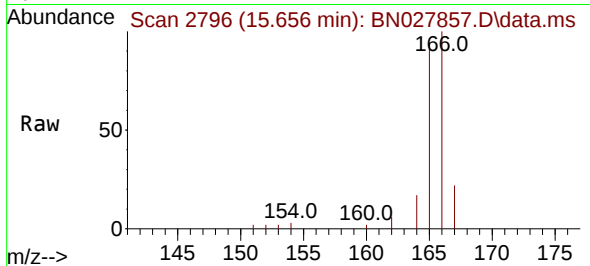
Tgt Ion:153 Resp: 183975
Ion Ratio Lower Upper
153 100
152 47.1 41.7 62.5
154 88.3 70.3 105.5





#12
Fluorene
Concen: 0.784 ng/ul
RT: 15.656 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN027857.D
Acq: 26 Sep 2023 11:53

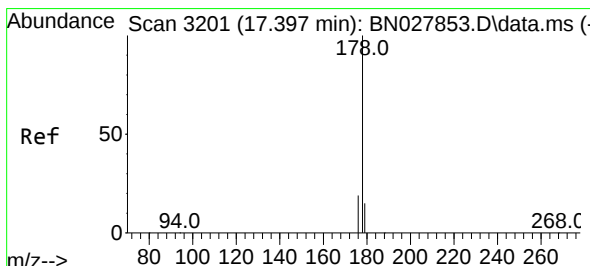
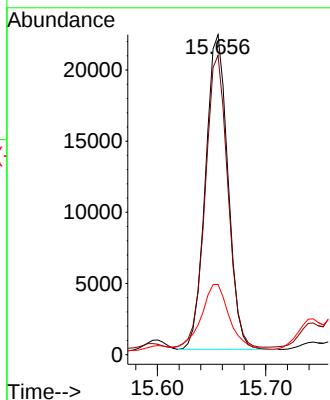
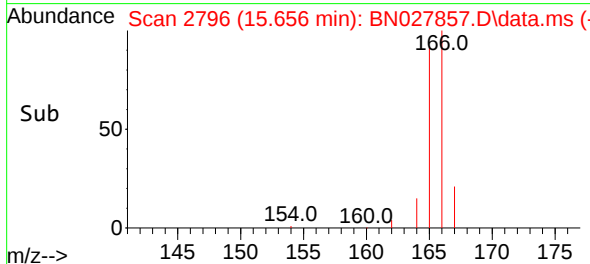
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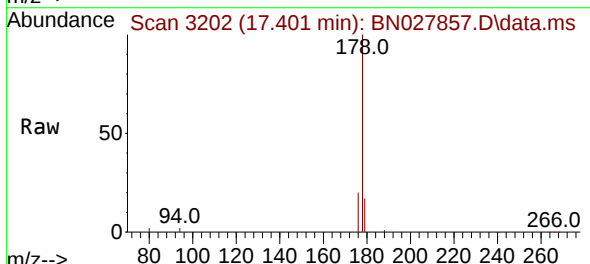
Tgt Ion:166 Resp: 3175
Ion Ratio Lower Upper
166 100
165 93.6 78.0 117.0
167 21.9 11.4 17.2

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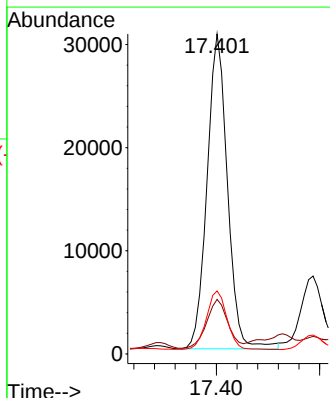
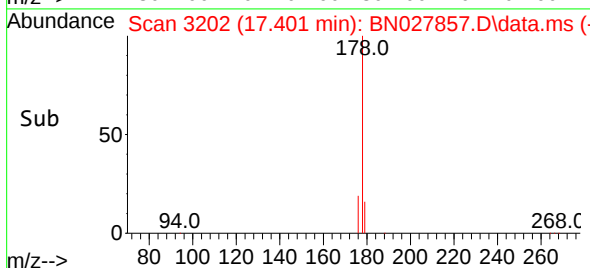
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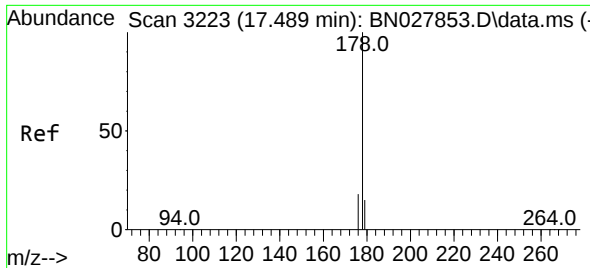


#15
Phenanthrene
Concen: 0.645 ng/ul
RT: 17.401 min Scan# 3202
Delta R.T. 0.016 min
Lab File: BN027857.D
Acq: 26 Sep 2023 11:53



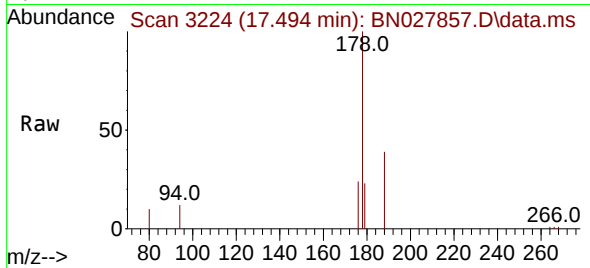
Tgt Ion:178 Resp: 41868
Ion Ratio Lower Upper
178 100
179 17.0 12.4 18.6
176 19.7 16.0 24.0





#16
 Anthracene
 Concen: 0.169 ng/ul
 RT: 17.494 min Scan# 31
 Delta R.T. 0.016 min
 Lab File: BN027857.D
 Acq: 26 Sep 2023 11:53

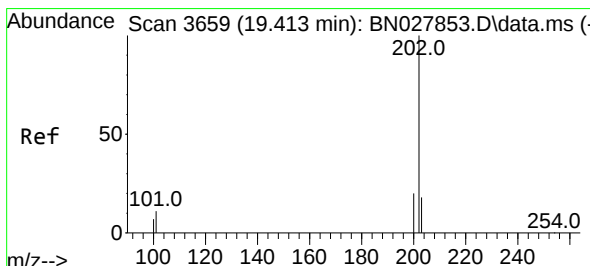
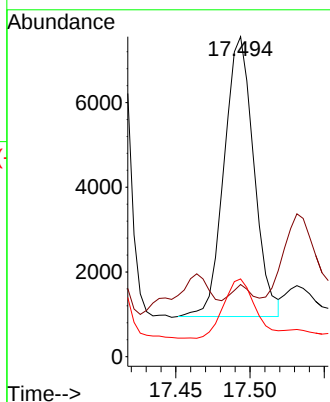
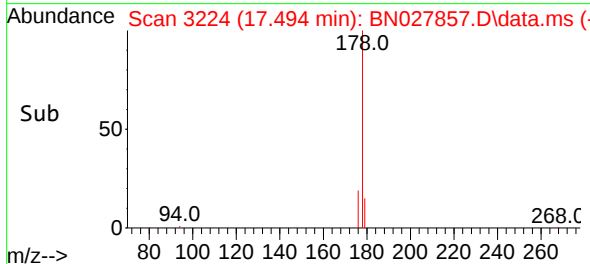
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Tgt Ion:178 Resp: 920
 Ion Ratio Lower Upper
 178 100
 179 22.6 12.6 19.0#
 176 24.3 15.5 23.3#

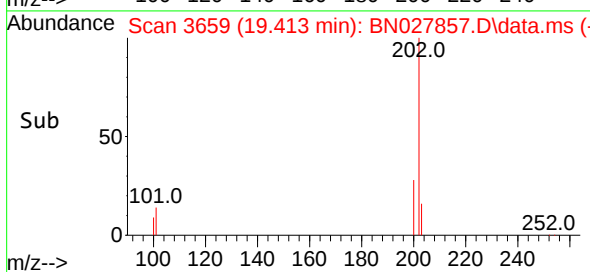
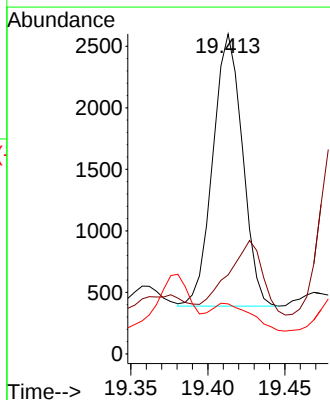
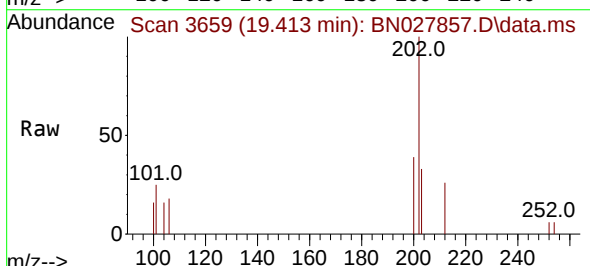
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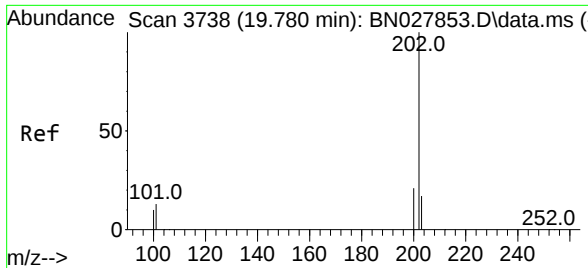
Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023



#19
 Fluoranthene
 Concen: 0.038 ng/ul
 RT: 19.413 min Scan# 3659
 Delta R.T. 0.018 min
 Lab File: BN027857.D
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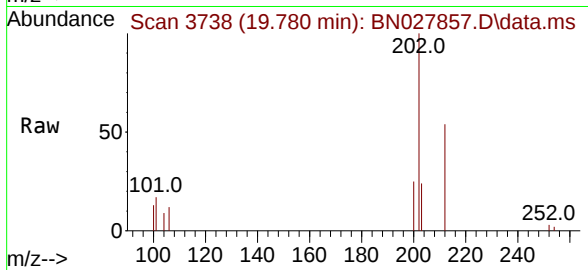
Tgt Ion:202 Resp: 2960
 Ion Ratio Lower Upper
 202 100
 101 24.7 9.3 13.9#
 100 15.7 7.0 10.4#





#20
Pyrene
Concen: 0.121 ng/ul m
RT: 19.780 min Scan# 31
Delta R.T. 0.018 min
Lab File: BN027857.D
Acq: 26 Sep 2023 11:53

Instrument :
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Tgt Ion:202 Resp: 9780
Ion Ratio Lower Upper
202 100
101 16.9 11.4 17.0
100 12.8 9.1 13.7

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