

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028862.D
 Acq On : 24 Nov 2023 17:34
 Operator : MA/JU
 Sample : 05268-19DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKE8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 25 01:02:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.723	152	4039	0.400	ng/ul	#-0.01
4) Naphthalene-d8	10.446	136	17344	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.293	164	10657	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.051	188	19653	0.400	ng/ul	0.00
17) Chrysene-d12	21.272	240	11327	0.400	ng/ul	# 0.00
23) Perylene-d12	23.540	264	11397	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	5577	1.249	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.101	152	1256m	0.048	ng/ul	0.03
18) Fluoranthene-d10	19.094	212	3220	0.088	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.484	128	71087	1.463	ng/ul	Qvalue 100
7) 2-Methylnaphthalene	12.167	142	2431m	0.076	ng/ul	
8) 1-Methylnaphthalene	12.349	142	2652m	0.082	ng/ul	
10) Acenaphthylene	14.011	152	7393	0.139	ng/ul#	94
11) Acenaphthene	14.353	153	30318	0.775	ng/ul	99
12) Fluorene	15.352	166	52545	1.154	ng/ul	100
14) Pentachlorophenol	16.714	266	1134	0.240	ng/ul	100
15) Phenanthrene	17.094	178	39373	0.652	ng/ul	99
16) Anthracene	17.182	178	5340	0.096	ng/ul#	83
19) Fluoranthene	19.122	202	1505	0.031	ng/ul#	73

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

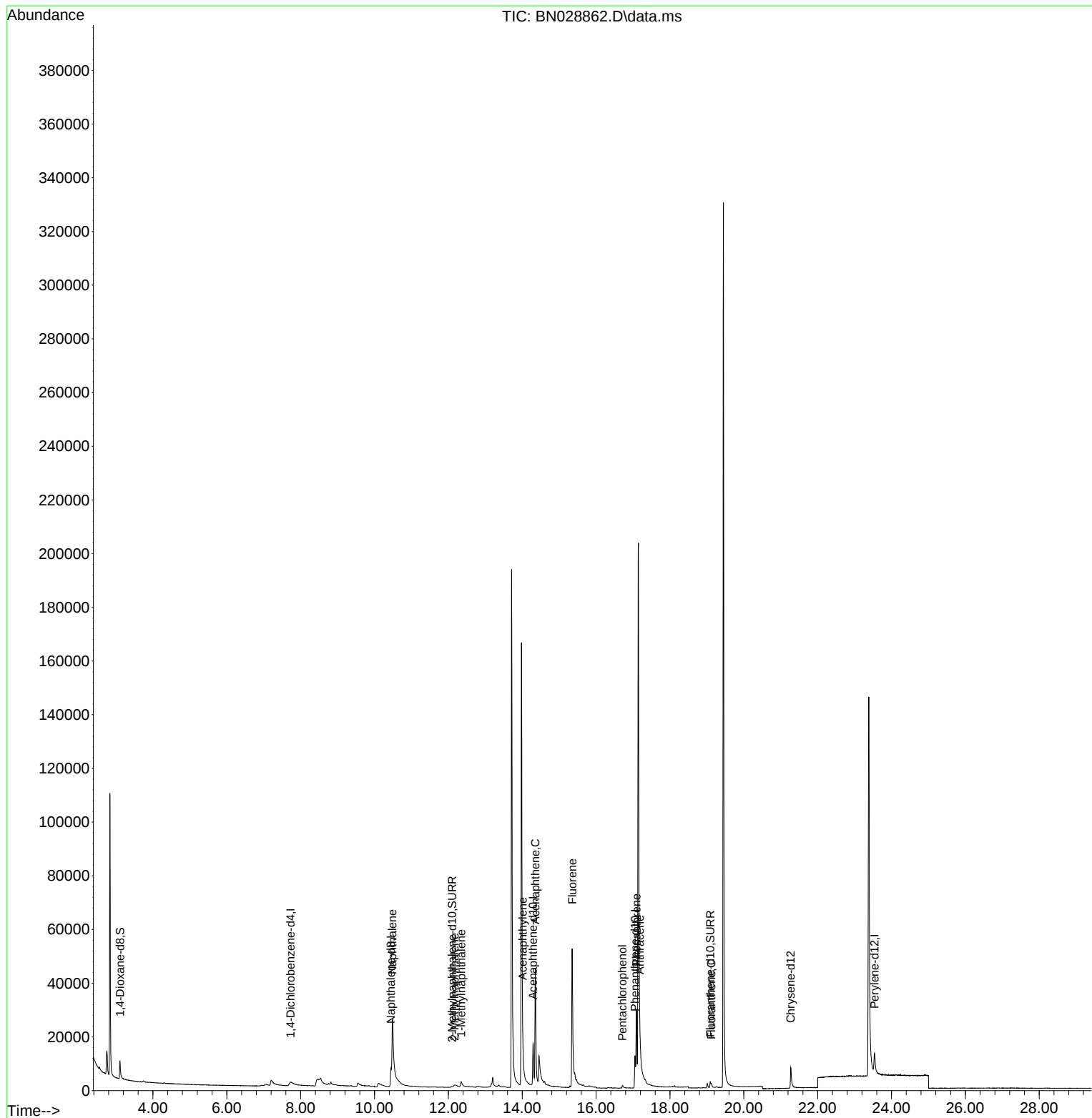
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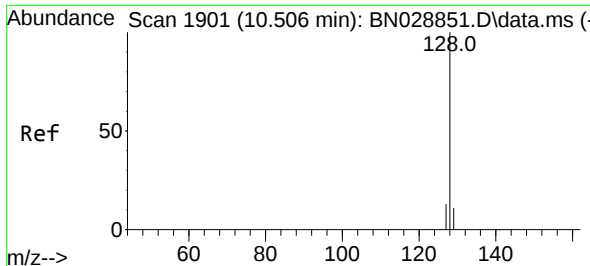
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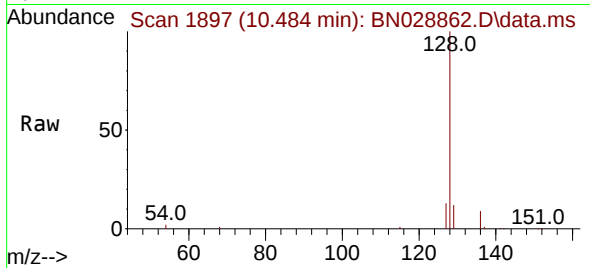
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023





#5
Naphthalene
Concen: 1.463 ng/ul
RT: 10.484 min Scan# 1897
Delta R.T. -0.022 min
Lab File: BN028862.D
Acq: 24 Nov 2023 17:34

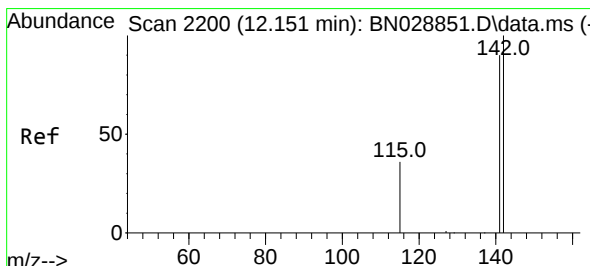
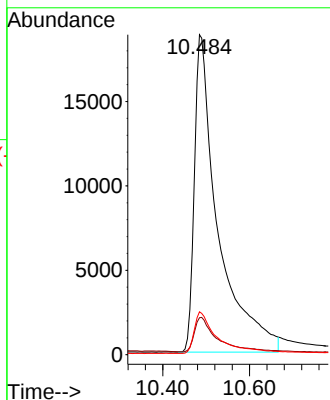
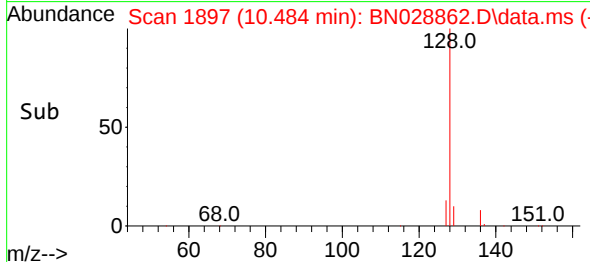
Instrument :
BNA_N
ClientSampleId :
DCKE8DL



Tgt Ion:128 Resp: 7108
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.4 10.7 16.1

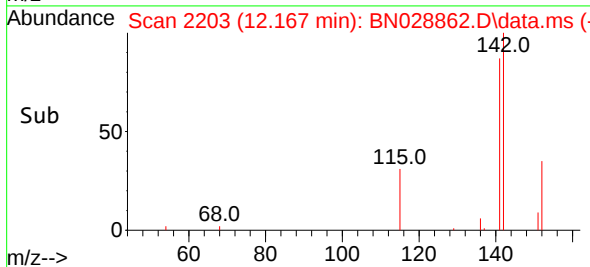
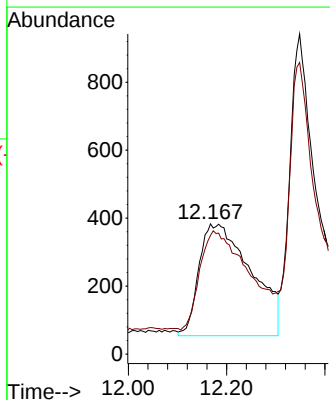
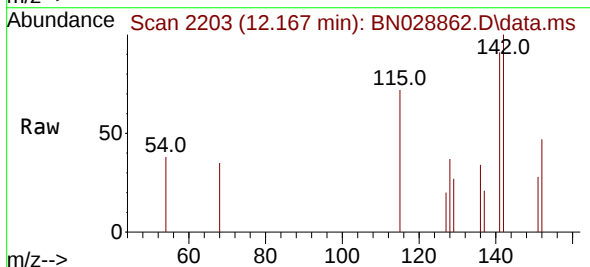
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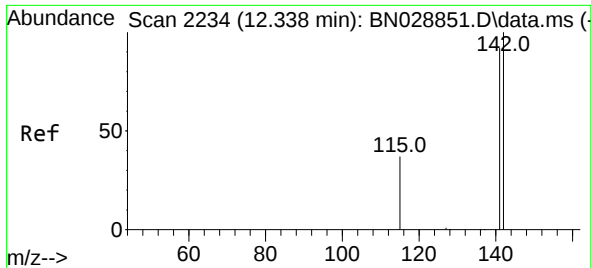
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#7
2-Methylnaphthalene
Concen: 0.076 ng/ul m
RT: 12.167 min Scan# 2203
Delta R.T. 0.028 min
Lab File: BN028862.D
Acq: 24 Nov 2023 17:34

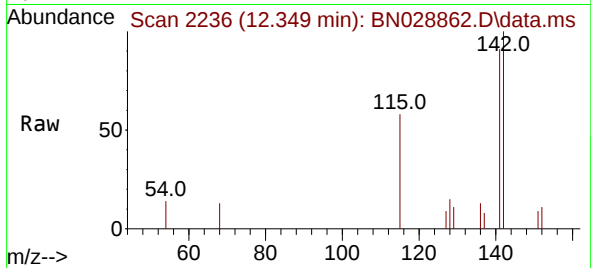
Tgt Ion:142 Resp: 2431
Ion Ratio Lower Upper
142 100
141 42.7 70.8 106.2#





#8
1-Methylnaphthalene
Concen: 0.082 ng/ul m
RT: 12.349 min Scan# 21
Delta R.T. 0.011 min
Lab File: BN028862.D
Acq: 24 Nov 2023 17:34

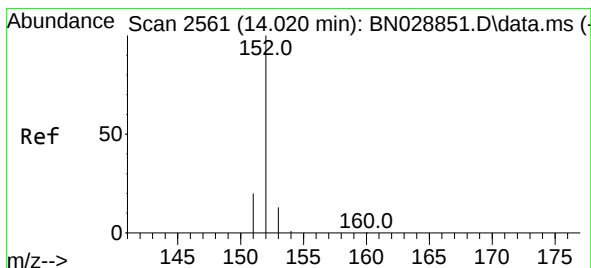
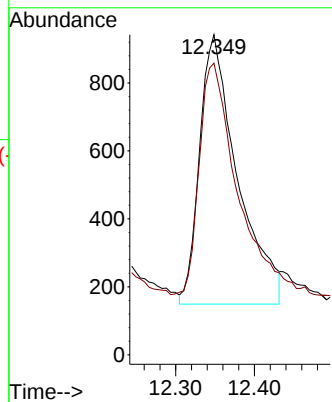
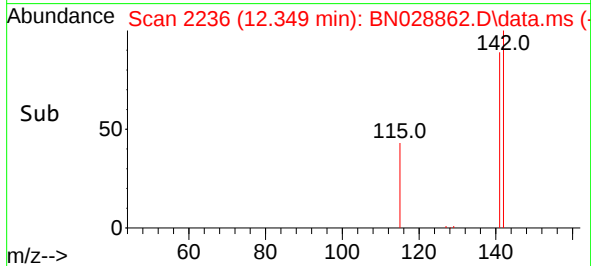
Instrument :
BNA_N
ClientSampleId :
DCKE8DL



Tgt Ion:142 Resp: 2652
Ion Ratio Lower Upper
142 100
141 76.2 74.1 111.1

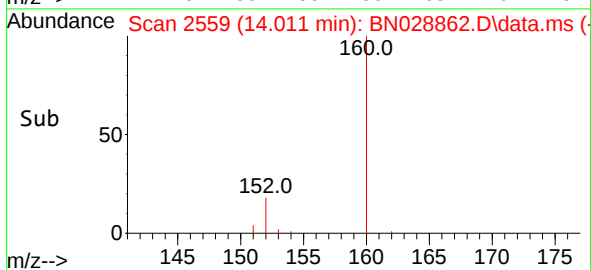
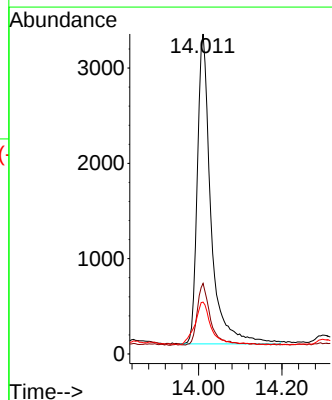
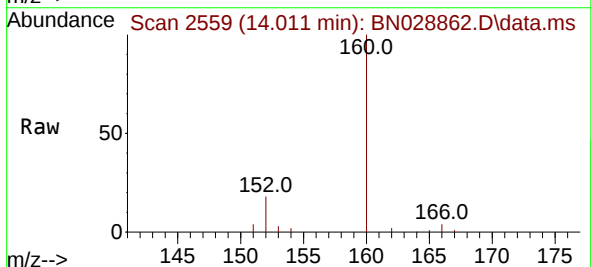
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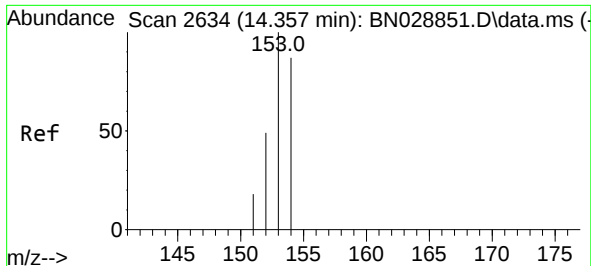
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#10
Acenaphthylene
Concen: 0.139 ng/ul
RT: 14.011 min Scan# 2559
Delta R.T. -0.015 min
Lab File: BN028862.D
Acq: 24 Nov 2023 17:34

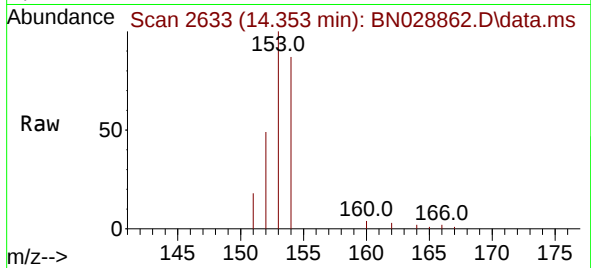
Tgt Ion:152 Resp: 7393
Ion Ratio Lower Upper
152 100
151 22.1 16.1 24.1
153 16.2 10.6 15.8#





#11
Acenaphthene
Concen: 0.775 ng/ul
RT: 14.353 min Scan# 2018
Delta R.T. -0.010 min
Lab File: BN028862.D
Acq: 24 Nov 2023 17:34

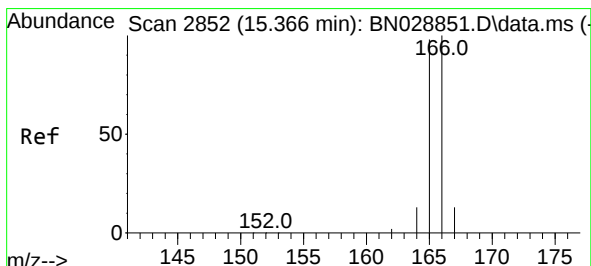
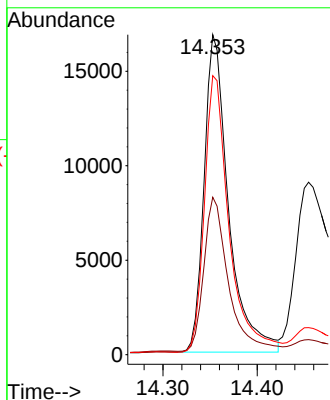
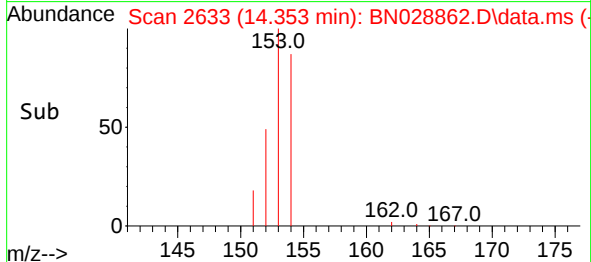
Instrument :
BNA_N
ClientSampleId :
DCKE8DL



Tgt Ion:153 Resp: 30318
Ion Ratio Lower Upper
153 100
152 49.2 39.6 59.4
154 87.2 71.0 106.6

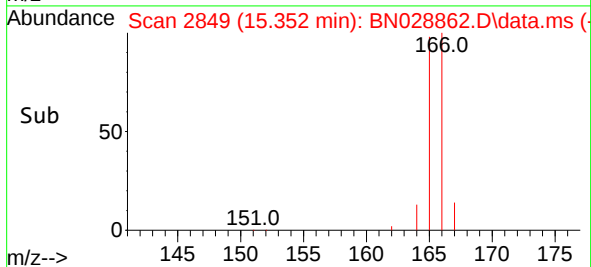
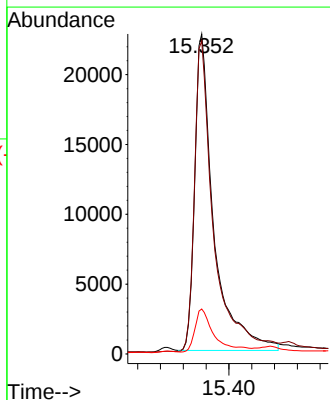
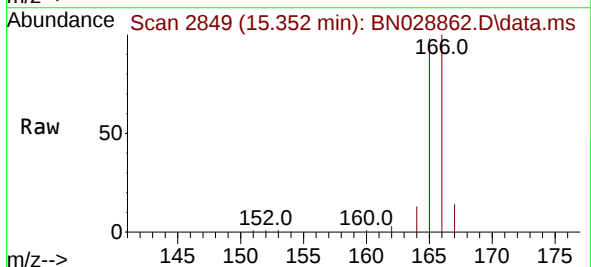
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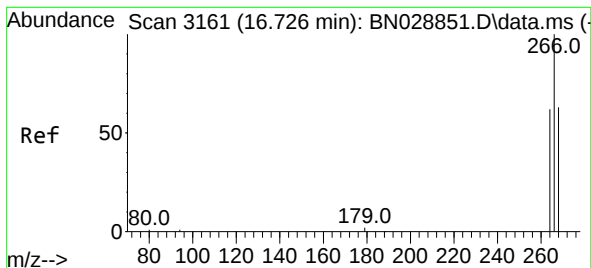
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#12
Fluorene
Concen: 1.154 ng/ul
RT: 15.352 min Scan# 2849
Delta R.T. -0.015 min
Lab File: BN028862.D
Acq: 24 Nov 2023 17:34

Tgt Ion:166 Resp: 52545
Ion Ratio Lower Upper
166 100
165 97.9 78.6 118.0
167 14.0 11.0 16.6





#14

Pentachlorophenol

Concen: 0.240 ng/u1

RT: 16.714 min Scan# 3161

Delta R.T. -0.009 min

Lab File: BN028862.D

Acq: 24 Nov 2023 17:34

Instrument :

BNA_N

ClientSampleId :

DCKE8DL

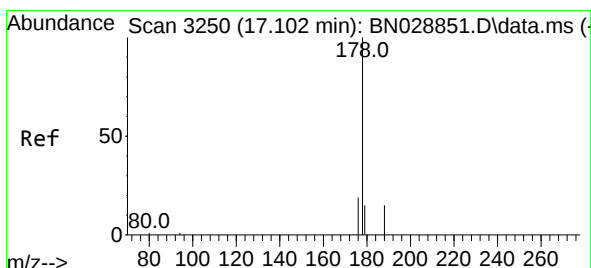
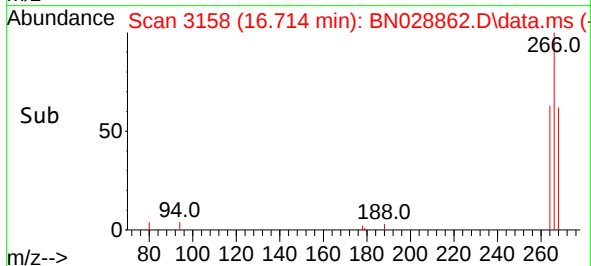
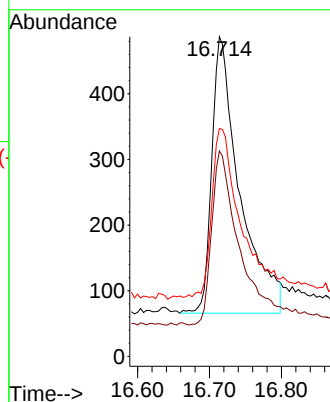
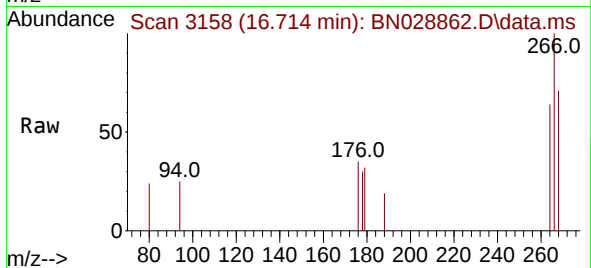
Tgt Ion:	266	Resp:	1134
Ion Ratio	Lower	Upper	
266	100		
264	62.2	50.1	75.1
268	62.9	50.6	75.8

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Supervised By :mohammad ahmed 11/28/2023



#15

Phenanthrene

Concen: 0.652 ng/u1

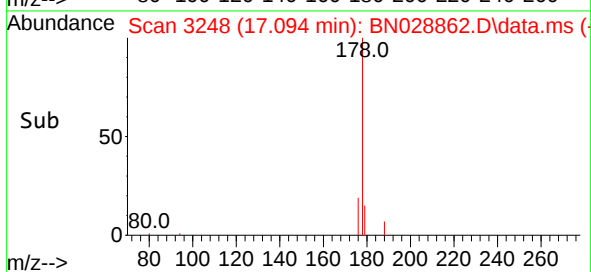
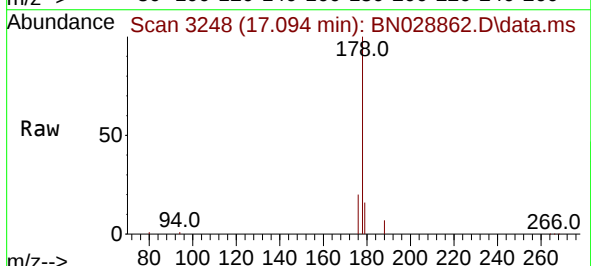
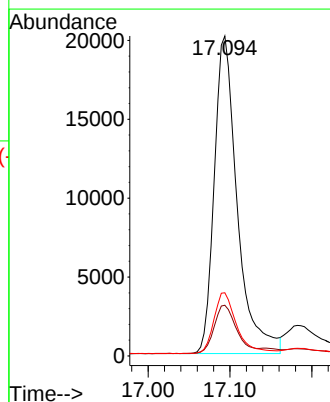
RT: 17.094 min Scan# 3248

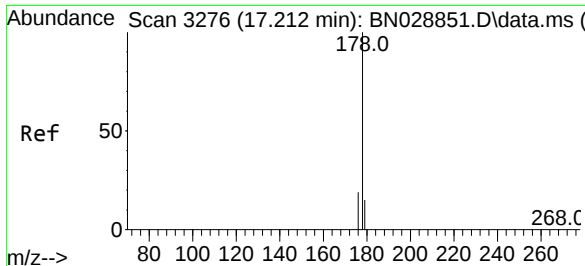
Delta R.T. -0.009 min

Lab File: BN028862.D

Acq: 24 Nov 2023 17:34

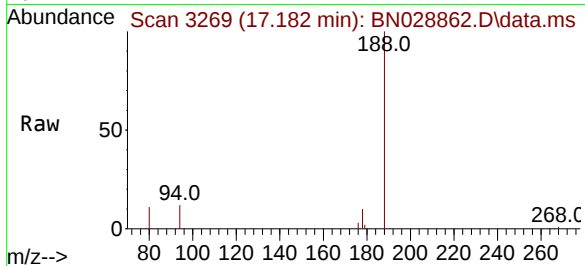
Tgt Ion:	178	Resp:	39373
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.4	18.6
176	19.8	15.4	23.2





#16
 Anthracene
 Concen: 0.096 ng/ul
 RT: 17.182 min Scan# 3269
 Delta R.T. -0.022 min
 Lab File: BN028862.D
 Acq: 24 Nov 2023 17:34

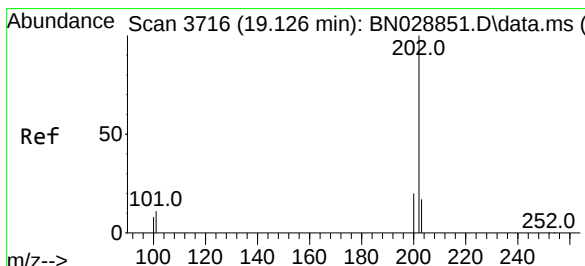
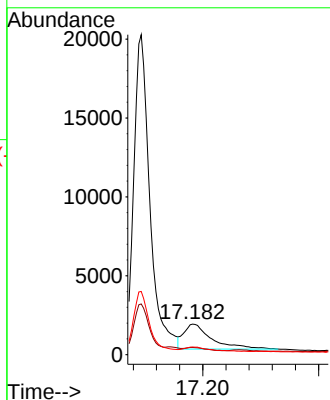
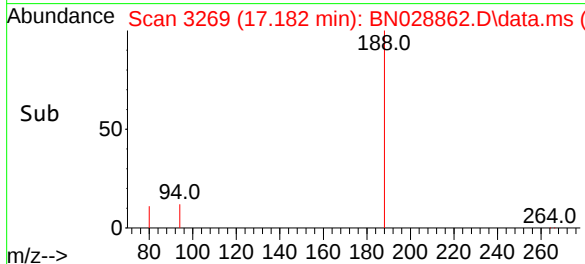
Instrument :
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Tgt Ion:178 Resp: 5340
 Ion Ratio Lower Upper
 178 100
 179 23.9 12.6 18.8#
 176 25.3 14.9 22.3#

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#19
 Fluoranthene
 Concen: 0.031 ng/ul
 RT: 19.122 min Scan# 3715
 Delta R.T. -0.001 min
 Lab File: BN028862.D
 Acq: 24 Nov 2023 17:34

Tgt Ion:202 Resp: 1505
 Ion Ratio Lower Upper
 202 100
 101 23.0 9.5 14.3#
 100 18.2 7.2 10.8#

