

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028847.D
 Acq On : 22 Nov 2023 19:54
 Operator : MA/JU
 Sample : 05268-19DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKE8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/23/2023
 Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 22 21:37:54 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	7.727	152	5927	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.446	136	23666	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.297	164	12833	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.056	188	23269	0.400	ng/ul	0.00
17) Chrysene-d12	21.275	240	15449	0.400	ng/ul	0.00
23) Perylene-d12	23.543	264	15066	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	8331m	1.272	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.101	152	1958m	0.055	ng/ul	0.03
18) Fluoranthene-d10	19.094	212	4749	0.096	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.484	128	114274	1.723	ng/ul	100
7) 2-Methylnaphthalene	12.167	142	3745m	0.086	ng/ul	
8) 1-Methylnaphthalene	12.343	142	3467	0.078	ng/ul	98
10) Acenaphthylene	14.010	152	10691	0.167	ng/ul	96
11) Acenaphthene	14.357	153	43154	0.916	ng/ul	99
12) Fluorene	15.352	166	74557	1.360	ng/ul	100
14) Pentachlorophenol	16.709	266	1627	0.291	ng/ul	99
15) Phenanthrene	17.094	178	54883	0.768	ng/ul	100
16) Anthracene	17.186	178	6767	0.103	ng/ul#	86
19) Fluoranthene	19.126	202	2113	0.032	ng/ul#	79

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

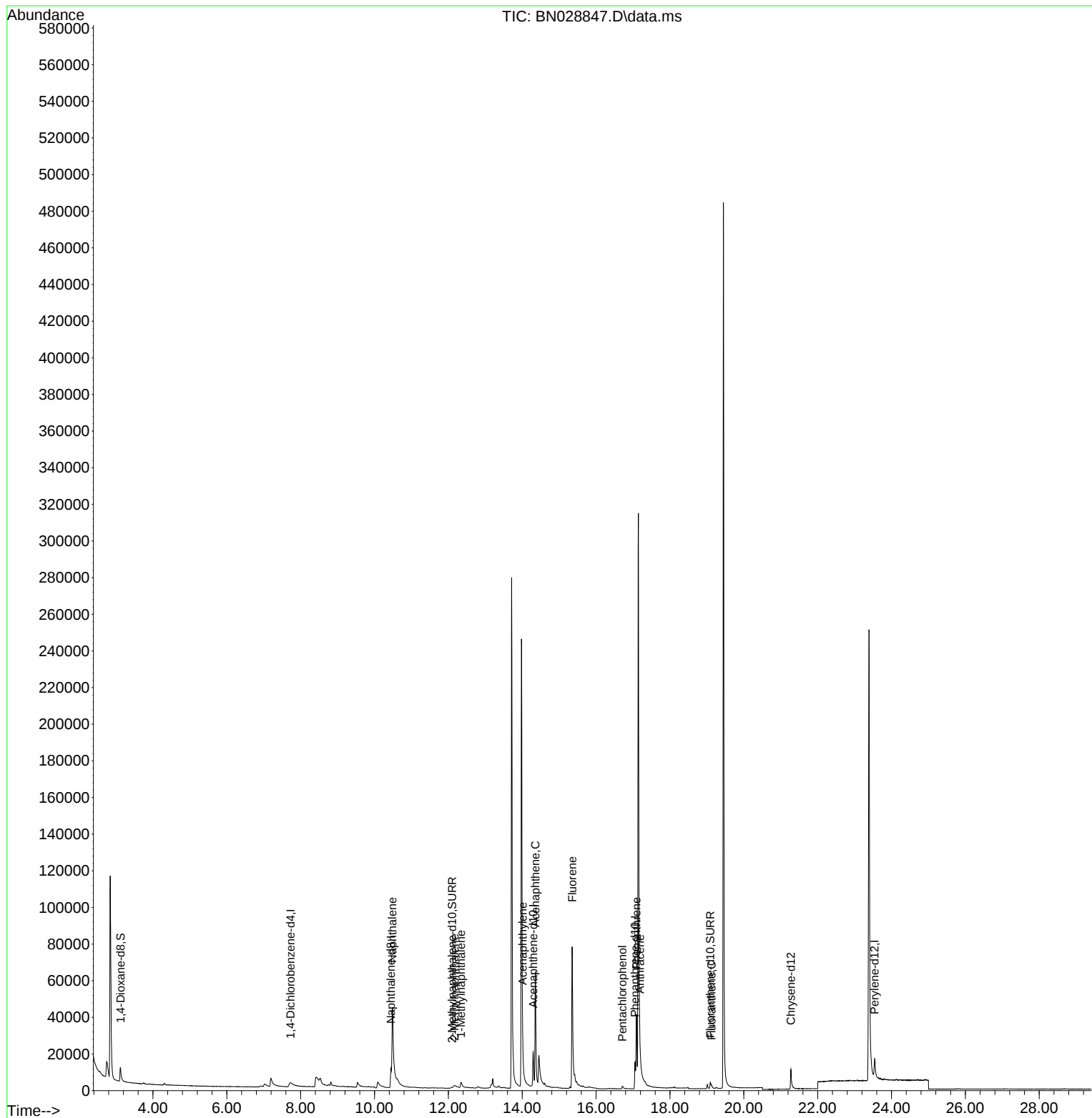
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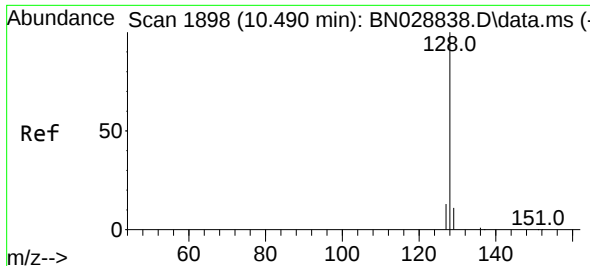
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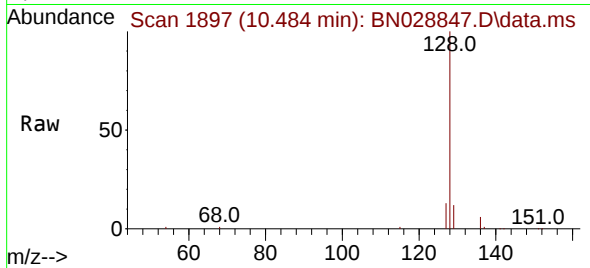
Quant Time: Nov 22 21:37:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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#5
Naphthalene
Concen: 1.723 ng/ul
RT: 10.484 min Scan# 11
Delta R.T. -0.022 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

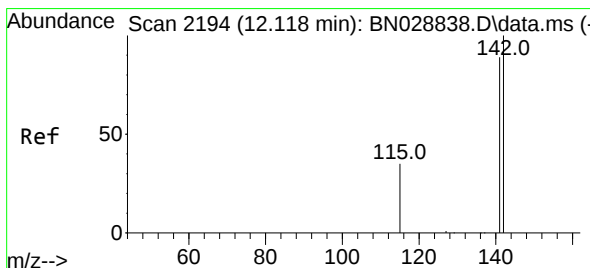
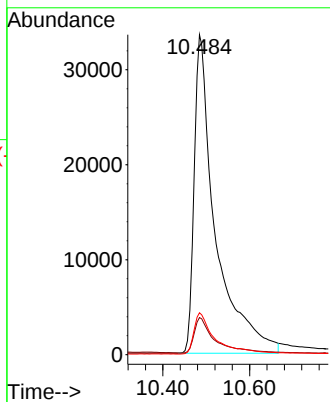
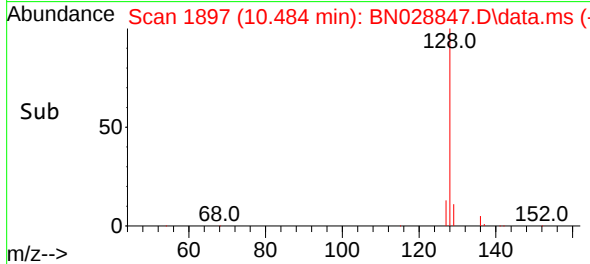
Instrument :
BNA_N
ClientSampleId :
DCKE8DL



Tgt Ion:128 Resp: 114274
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.1 10.7 16.1

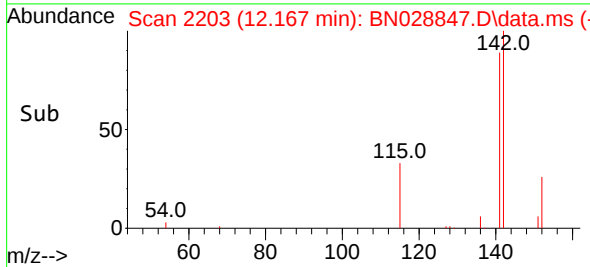
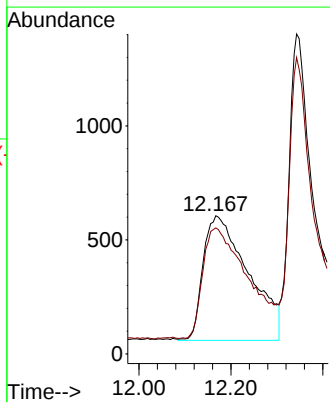
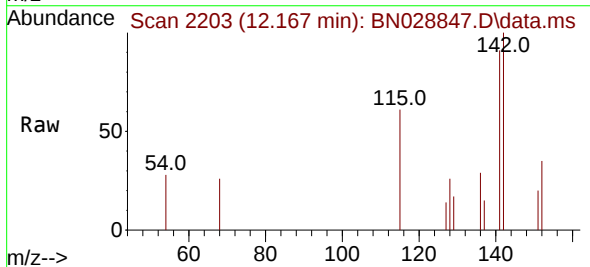
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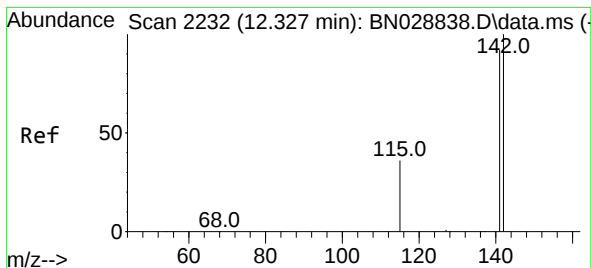
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#7
2-Methylnaphthalene
Concen: 0.086 ng/ul m
RT: 12.167 min Scan# 2203
Delta R.T. 0.027 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

Tgt Ion:142 Resp: 3745
Ion Ratio Lower Upper
142 100
141 49.9 70.8 106.2#





#8

1-Methylnaphthalene

Concen: 0.078 ng/ul

RT: 12.343 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN028847.D

Acq: 22 Nov 2023 19:54

Instrument :

BNA_N

ClientSampleId :

DCKE8DL

Tgt Ion:142 Resp: 346

Ion Ratio Lower Upper

142 100

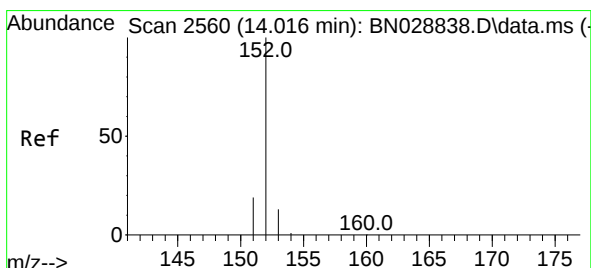
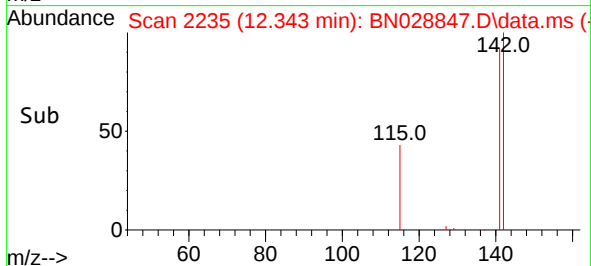
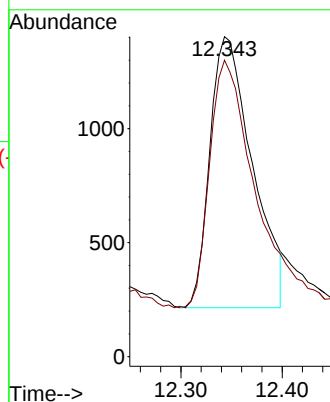
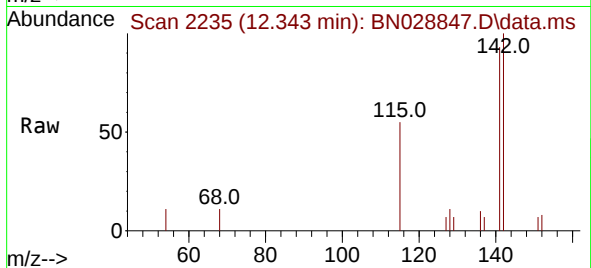
141 91.0 74.1 111.1

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#10

Acenaphthylene

Concen: 0.167 ng/ul

RT: 14.010 min Scan# 2559

Delta R.T. -0.015 min

Lab File: BN028847.D

Acq: 22 Nov 2023 19:54

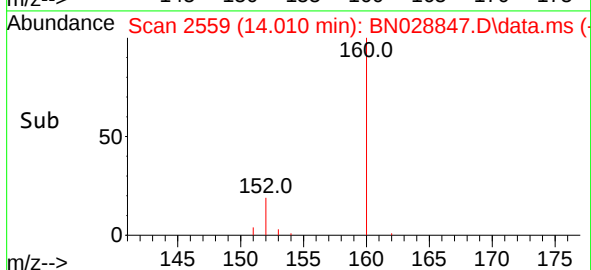
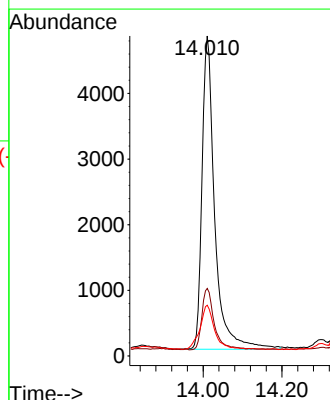
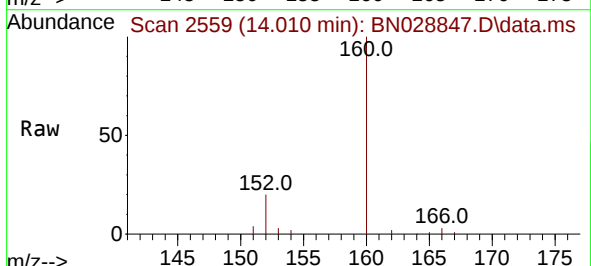
Tgt Ion:152 Resp: 10691

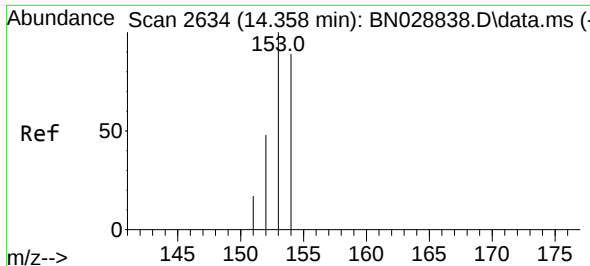
Ion Ratio Lower Upper

152 100

151 21.1 16.1 24.1

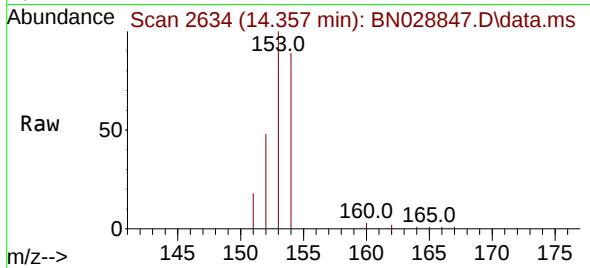
153 15.8 10.6 15.8





#11
Acenaphthene
Concen: 0.916 ng/ul
RT: 14.357 min Scan# 2634
Delta R.T. -0.006 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

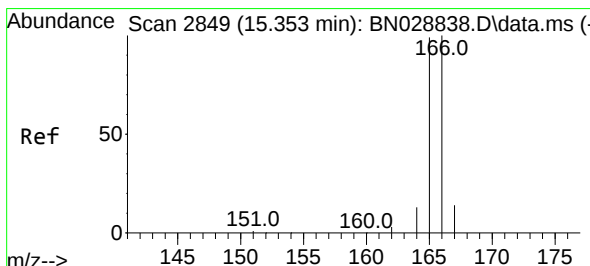
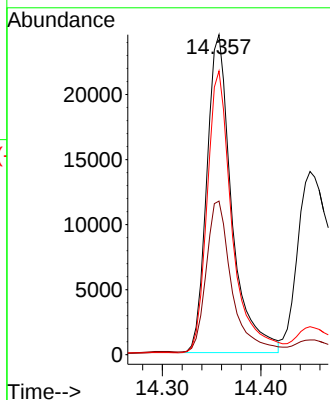
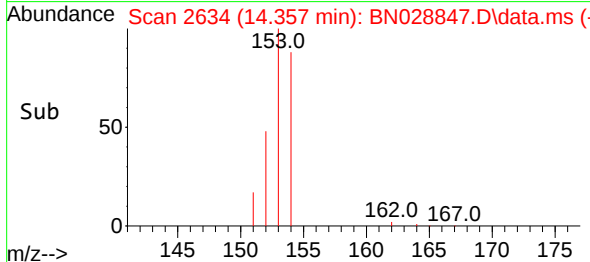
Instrument :
BNA_N
ClientSampleId :
DCKE8DL



Tgt Ion:153 Resp: 43154
Ion Ratio Lower Upper
153 100
152 48.0 39.6 59.4
154 88.7 71.0 106.6

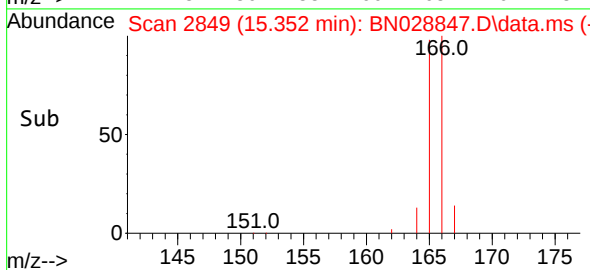
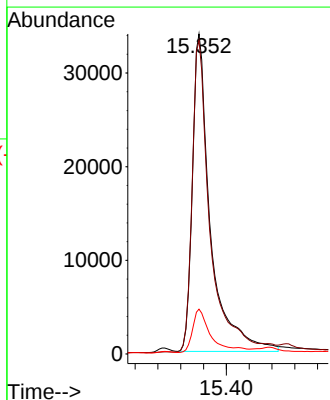
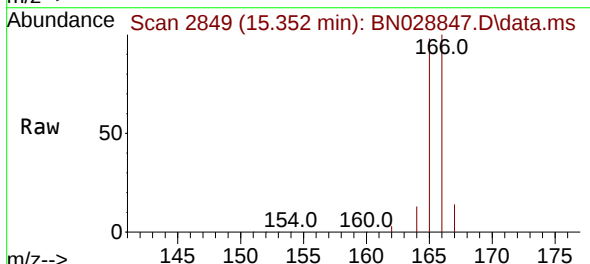
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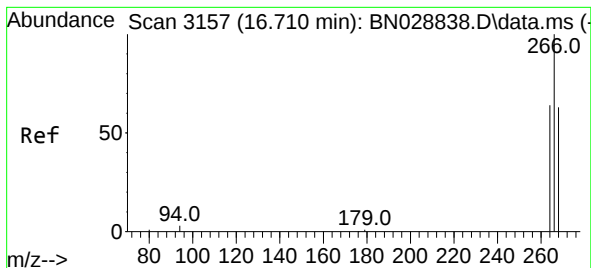
Reviewed By :Yogesh Patel 11/23/2023
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#12
Fluorene
Concen: 1.360 ng/ul
RT: 15.352 min Scan# 2849
Delta R.T. -0.015 min
Lab File: BN028847.D
Acq: 22 Nov 2023 19:54

Tgt Ion:166 Resp: 74557
Ion Ratio Lower Upper
166 100
165 97.9 78.6 118.0
167 14.0 11.0 16.6





#14

Pentachlorophenol

Concen: 0.291 ng/ul

RT: 16.709 min Scan# 3157

Delta R.T. -0.014 min

Lab File: BN028847.D

Acq: 22 Nov 2023 19:54

Instrument :

BNA_N

ClientSampleId :

DCKE8DL

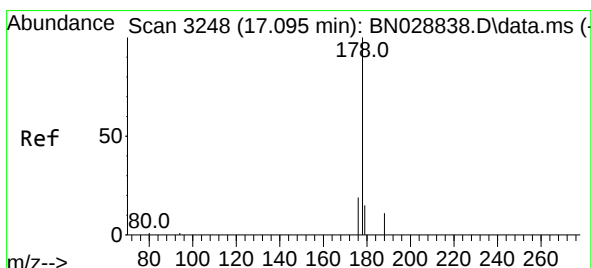
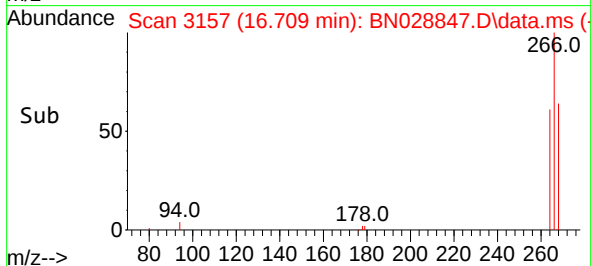
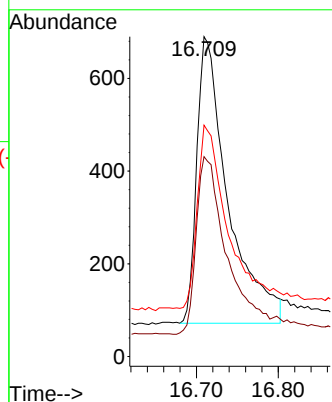
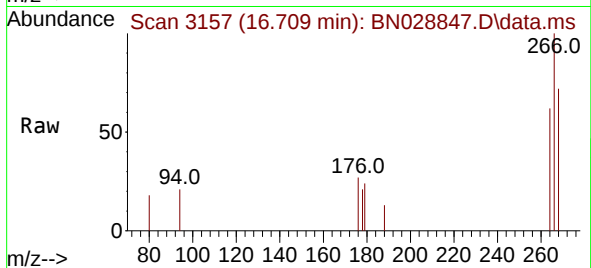
Tgt Ion:	266	Resp:	162
Ion Ratio	Lower	Upper	
266	100		
264	63.4	50.1	75.1
268	63.7	50.6	75.8

Manual Integrations

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Supervised By :mohammad ahmed 11/25/2023



#15

Phenanthrene

Concen: 0.768 ng/ul

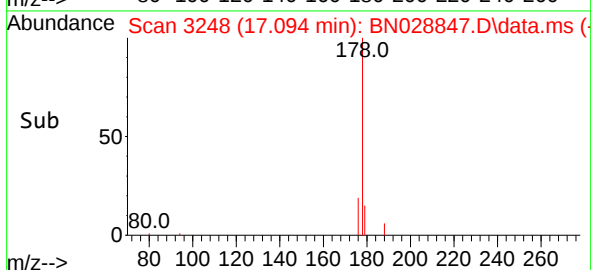
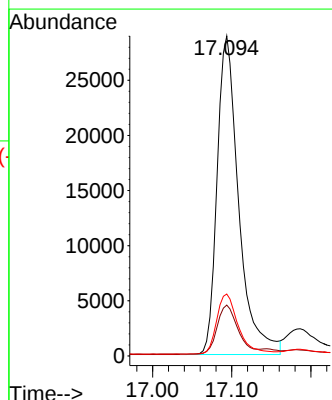
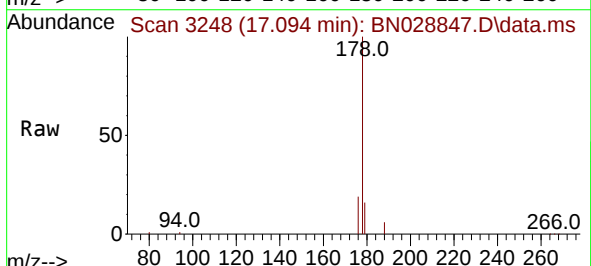
RT: 17.094 min Scan# 3248

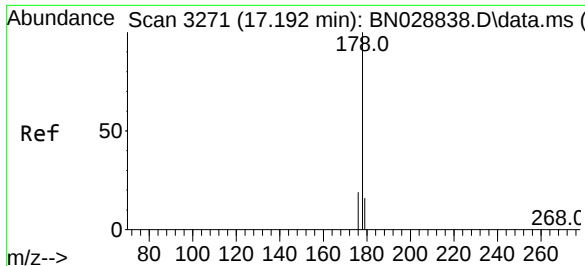
Delta R.T. -0.009 min

Lab File: BN028847.D

Acq: 22 Nov 2023 19:54

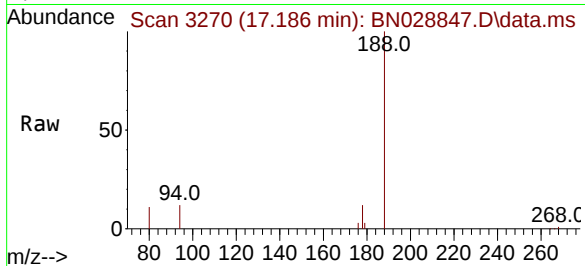
Tgt Ion:	178	Resp:	54883
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.4	18.6
176	19.3	15.4	23.2





#16
 Anthracene
 Concen: 0.103 ng/ul
 RT: 17.186 min Scan# 3176
 Delta R.T. -0.018 min
 Lab File: BN028847.D
 Acq: 22 Nov 2023 19:54

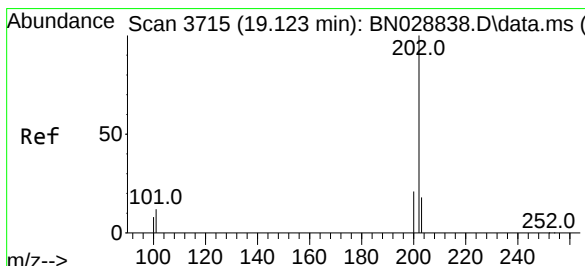
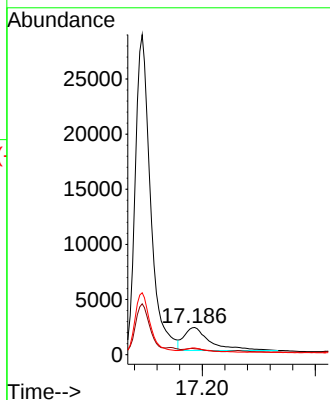
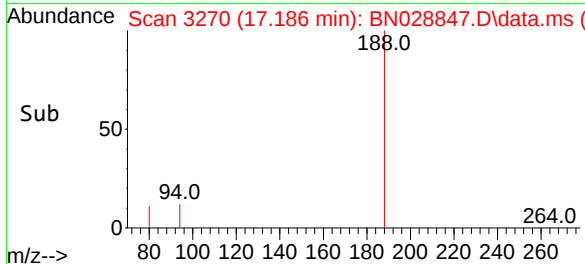
Instrument :
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Tgt Ion:178 Resp: 676
 Ion Ratio Lower Upper
 178 100
 179 21.9 12.6 18.8#
 176 24.4 14.9 22.3#

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#19
 Fluoranthene
 Concen: 0.032 ng/ul
 RT: 19.126 min Scan# 3716
 Delta R.T. 0.004 min
 Lab File: BN028847.D
 Acq: 22 Nov 2023 19:54

Tgt Ion:202 Resp: 2113
 Ion Ratio Lower Upper
 202 100
 101 20.4 9.5 14.3#
 100 15.8 7.2 10.8#

