

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027920.D
 Acq On : 28 Sep 2023 11:39
 Operator : MA/JU
 Sample : 04410-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBK31DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 28 12:12:11 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 : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	3796	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.779	136	14624	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	9306	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	20941	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	18933	0.400	ng/ul	# 0.00
23) Perylene-d12	24.015	264	19239	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3880	0.811	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	2208	0.100	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	5997	0.104	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.368	88	373	0.075	ng/ul#	19
5) Naphthalene	10.828	128	44860	1.073	ng/ul	100
7) 2-Methylnaphthalene	12.434	142	98820	3.726	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	104434	3.817	ng/ul	99
10) Acenaphthylene	14.319	152	1376	0.034	ng/ul#	1
11) Acenaphthene	14.666	153	36532	1.040	ng/ul	97
12) Fluorene	15.651	166	6090	0.147	ng/ul#	95
15) Phenanthrene	17.396	178	8182	0.124	ng/ul#	90
16) Anthracene	17.485	178	1897	0.034	ng/ul#	65
20) Pyrene	19.775	202	2187m	0.028	ng/ul	

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

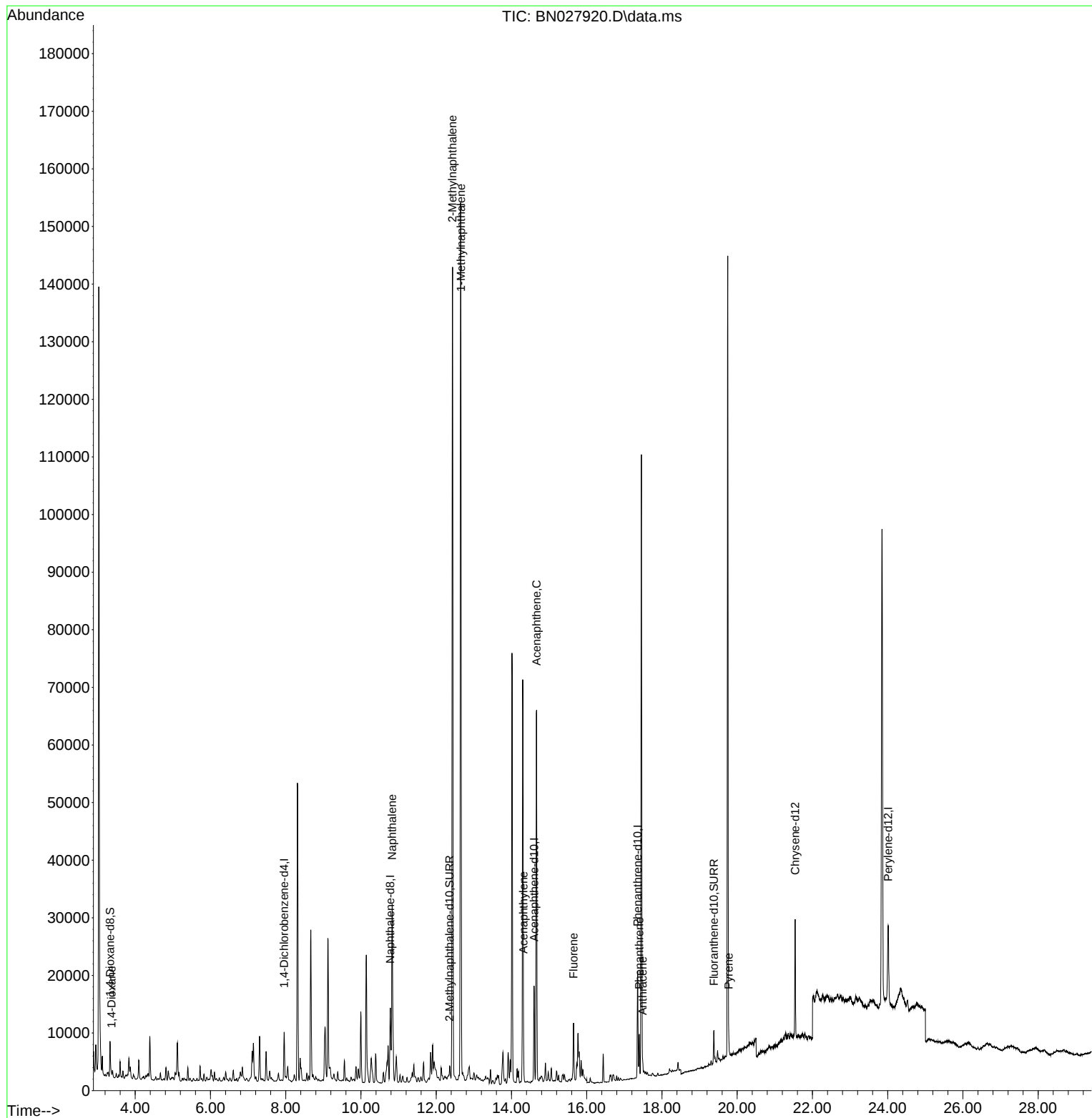
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
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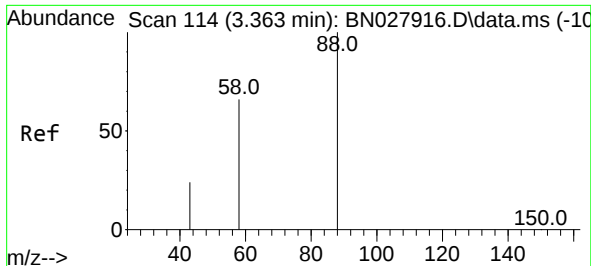
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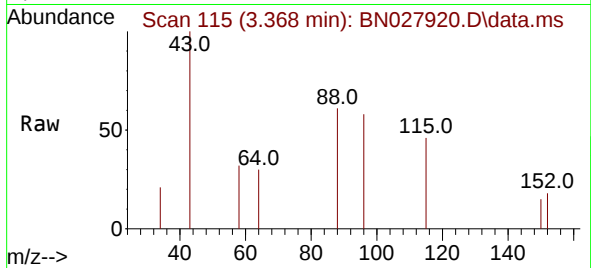
Quant Time: Sep 28 12:12:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.075 ng/ul
RT: 3.368 min Scan# 114
Delta R.T. 0.000 min
Lab File: BN027920.D
Acq: 28 Sep 2023 11:39

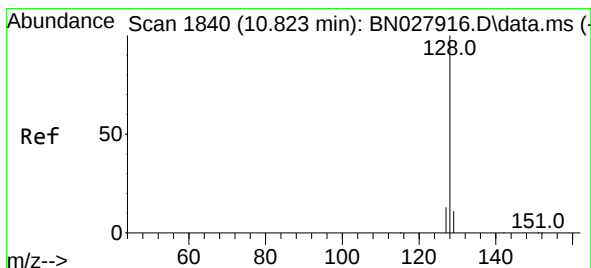
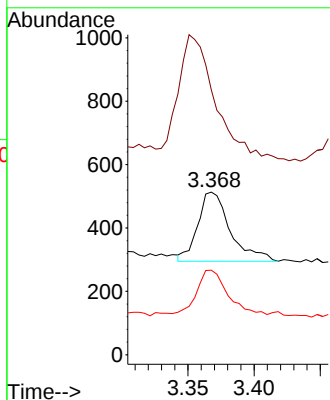
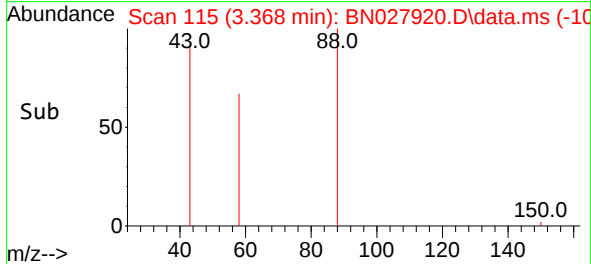
Instrument :
BNA_N
ClientSampleId :
BBK31DL



Tgt Ion: 88 Resp: 37
Ion Ratio Lower Upper
88 100
43 163.0 39.6 59.4
58 52.0 48.3 72.5

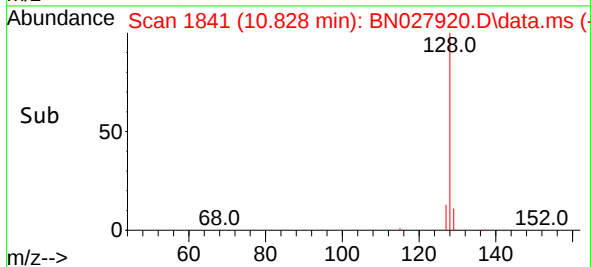
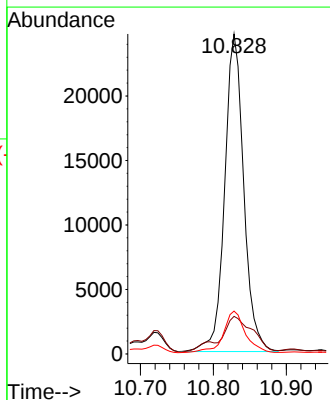
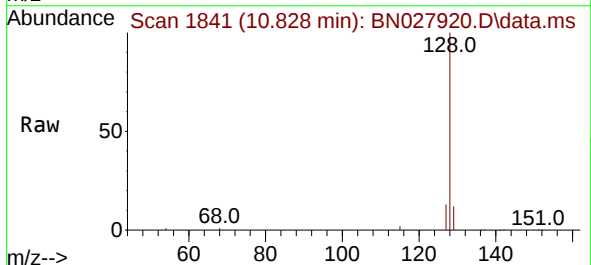
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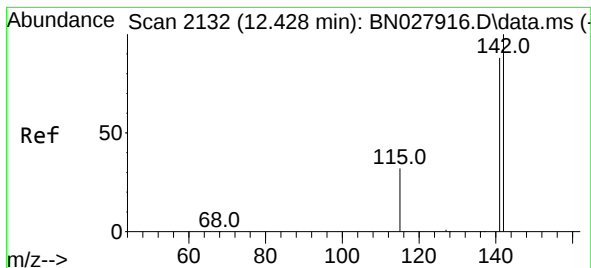
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#5
Naphthalene
Concen: 1.073 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027920.D
Acq: 28 Sep 2023 11:39

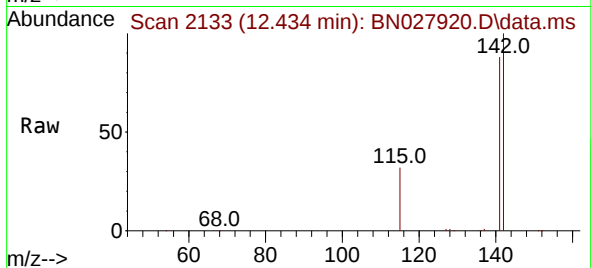
Tgt Ion:128 Resp: 44860
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.4 10.7 16.1





#7
2-Methylnaphthalene
Concen: 3.726 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027920.D
Acq: 28 Sep 2023 11:39

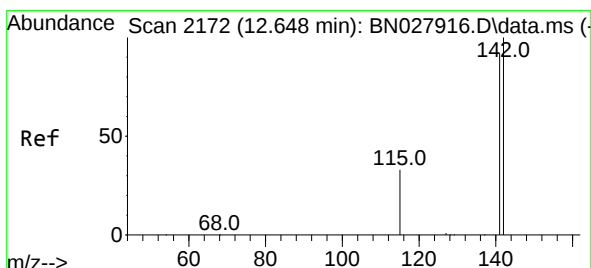
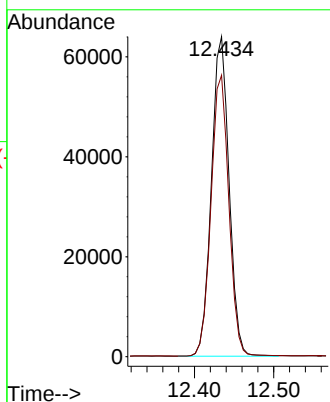
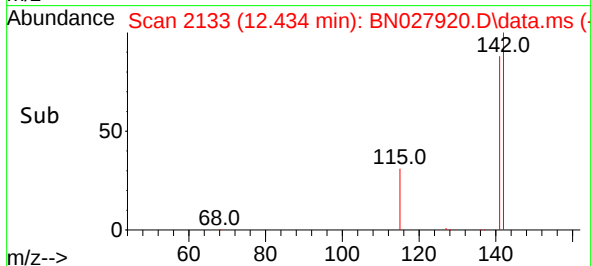
Instrument :
BNA_N
ClientSampleId :
BBK31DL



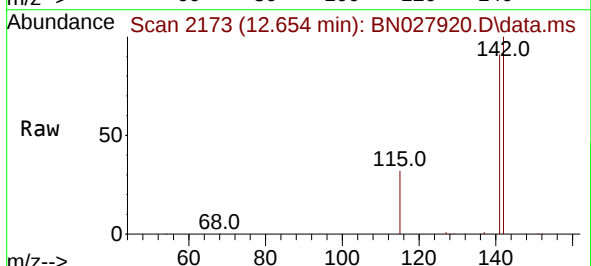
Tgt Ion:142 Resp: 98820
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7

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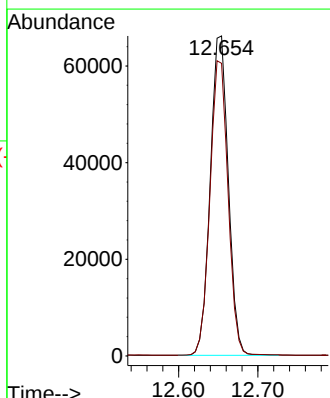
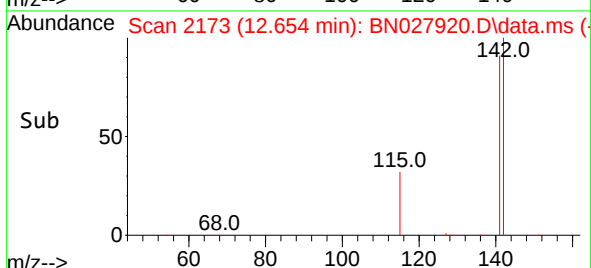
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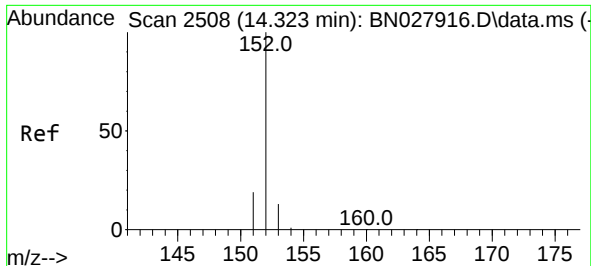


#8
1-Methylnaphthalene
Concen: 3.817 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027920.D
Acq: 28 Sep 2023 11:39



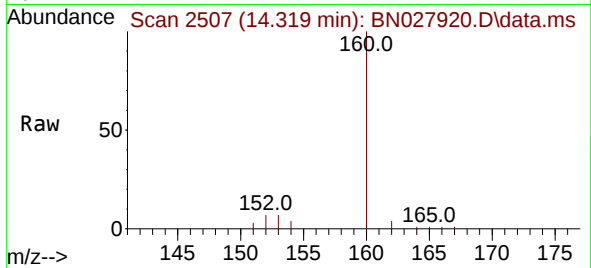
Tgt Ion:142 Resp: 104434
Ion Ratio Lower Upper
142 100
141 92.2 72.8 109.2





#10
Acenaphthylene
Concen: 0.034 ng/u1
RT: 14.319 min Scan# 2507
Delta R.T. -0.014 min
Lab File: BN027920.D
Acq: 28 Sep 2023 11:39

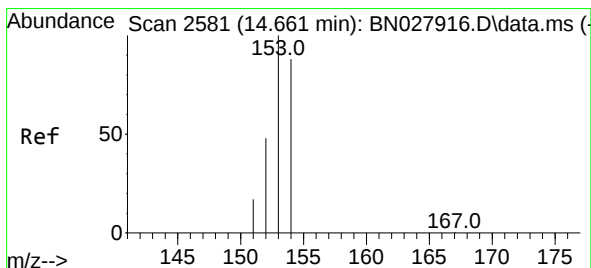
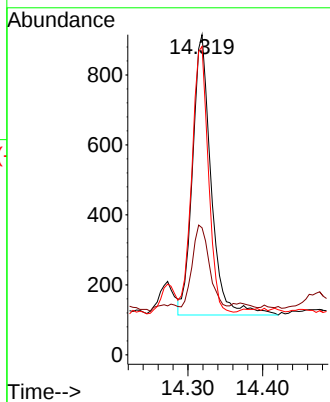
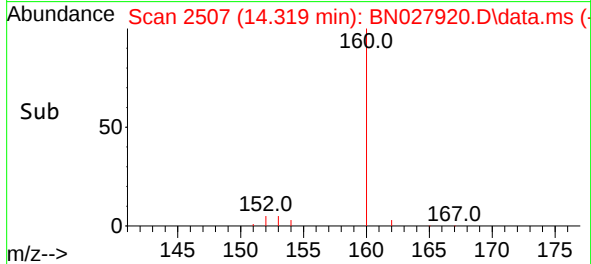
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 1370
Ion Ratio Lower Upper
152 100
151 39.7 16.6 25.0
153 96.3 11.0 16.6

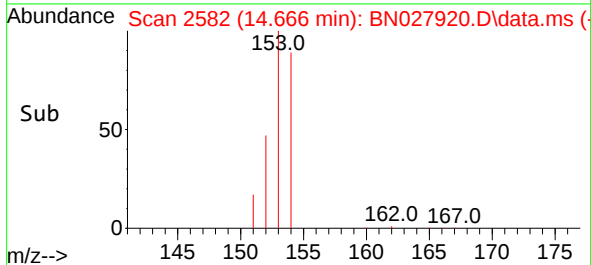
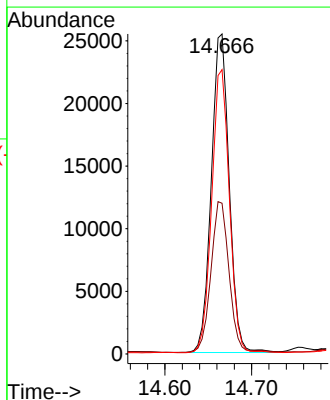
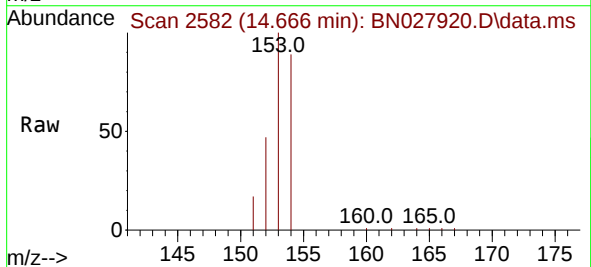
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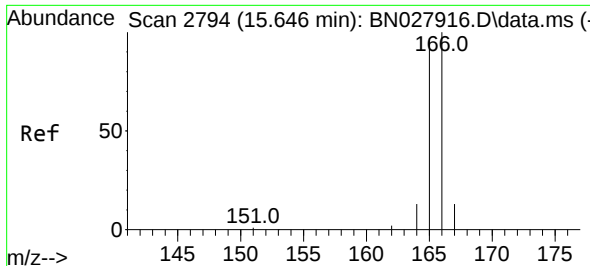
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#11
Acenaphthene
Concen: 1.040 ng/u1
RT: 14.666 min Scan# 2582
Delta R.T. 0.000 min
Lab File: BN027920.D
Acq: 28 Sep 2023 11:39

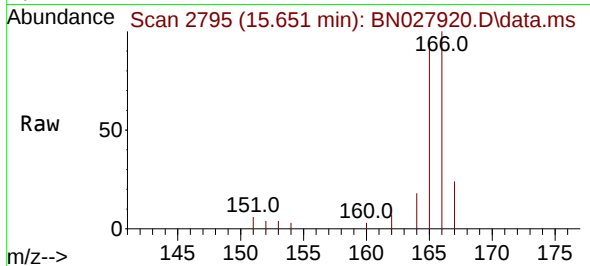
Tgt Ion:153 Resp: 36532
Ion Ratio Lower Upper
153 100
152 47.1 41.7 62.5
154 88.9 70.3 105.5





#12
Fluorene
Concen: 0.147 ng/ul
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027920.D
Acq: 28 Sep 2023 11:39

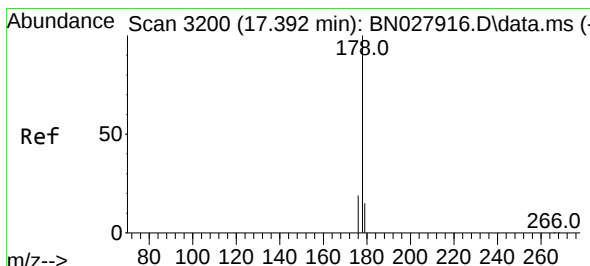
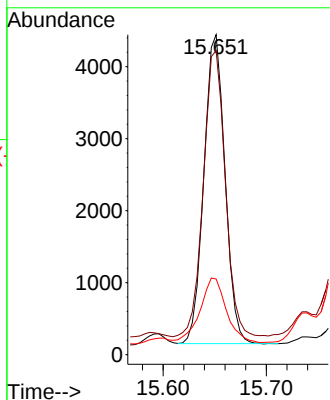
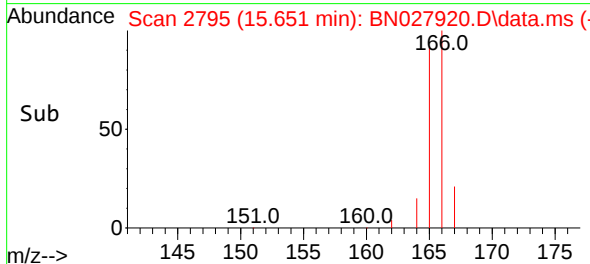
Instrument :
BNA_N
ClientSampleId :
BBK31DL



Tgt Ion:166 Resp: 6090
Ion Ratio Lower Upper
166 100
165 95.1 78.0 117.0
167 23.6 11.4 17.2

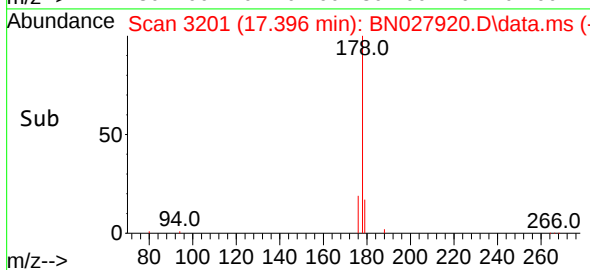
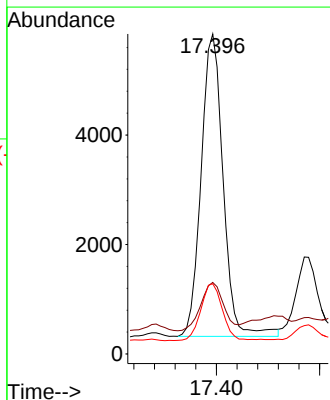
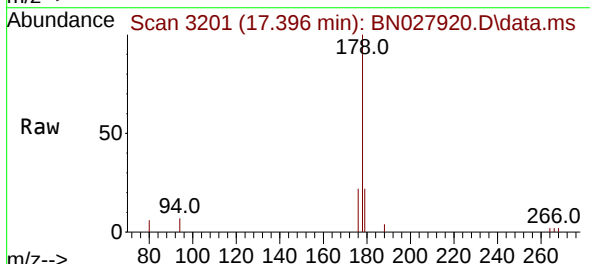
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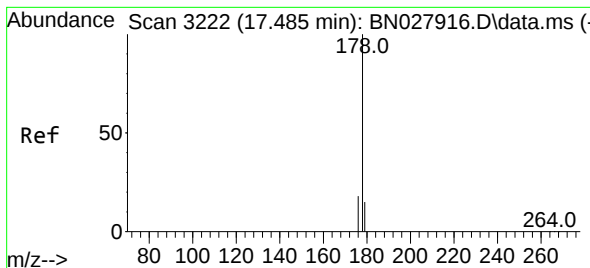
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#15
Phenanthrene
Concen: 0.124 ng/ul
RT: 17.396 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BN027920.D
Acq: 28 Sep 2023 11:39

Tgt Ion:178 Resp: 8182
Ion Ratio Lower Upper
178 100
179 22.4 12.4 18.6#
176 22.0 16.0 24.0





#16

Anthracene

Concen: 0.034 ng/ul

RT: 17.485 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN027920.D

Acq: 28 Sep 2023 11:39

Instrument :

BNA_N

ClientSampleId :

BBK31DL

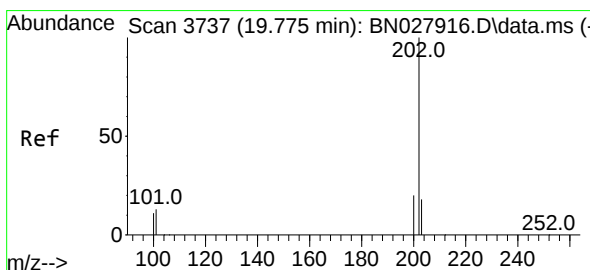
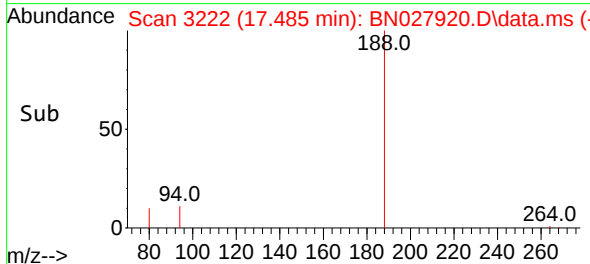
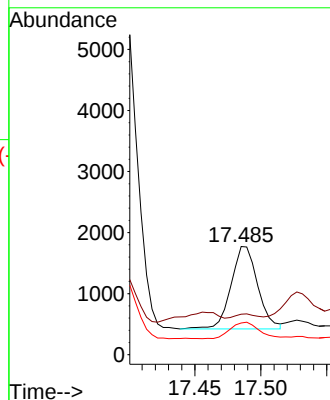
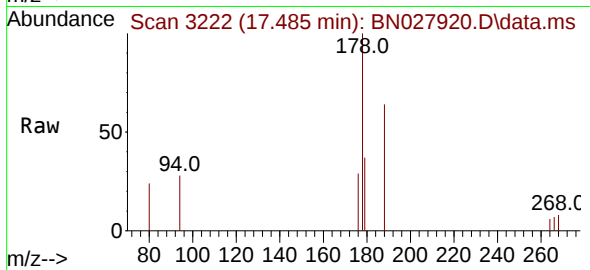
Tgt Ion:178	Resp:	189
Ion Ratio	Lower	Upper
178	100	
179	37.5	12.6 19.0
176	29.3	15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 09/30/2023



#20

Pyrene

Concen: 0.028 ng/ul m

RT: 19.775 min Scan# 3737

Delta R.T. 0.000 min

Lab File: BN027920.D

Acq: 28 Sep 2023 11:39

Tgt Ion:202	Resp:	2187
Ion Ratio	Lower	Upper
202	100	
101	22.9	11.4 17.0
100	17.3	9.1 13.7

