

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100323\
 Data File : BN028030.D
 Acq On : 04 Oct 2023 03:42
 Operator : MA/JU
 Sample : 04497-08DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJC3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023

Quant Time: Oct 04 04:30:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	5626	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.768	136	19424	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.592	164	11349	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.346	188	23959	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.533	240	15725	0.400	ng/ul	# 0.00
23) Perylene-d12	24.000	264	16668	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	2466	0.349	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	2612	0.083	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	4312	0.086	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.839	128	60829	1.103	ng/ul#	1
7) 2-Methylnaphthalene	12.423	142	121832	3.500	ng/ul	99
8) 1-Methylnaphthalene	12.643	142	611973	16.993	ng/ul	99
10) Acenaphthylene	14.310	152	8487	0.165	ng/ul#	1
11) Acenaphthene	14.656	153	24577	0.600	ng/ul#	84
12) Fluorene	15.642	166	54294	1.191	ng/ul#	96
15) Phenanthrene	17.388	178	67218	0.941	ng/ul#	95
16) Anthracene	17.481	178	3670	0.057	ng/ul#	51
19) Fluoranthene	19.399	202	1548	0.026	ng/ul#	68
20) Pyrene	19.771	202	3400m	0.055	ng/ul	
21) Benzo(a)anthracene	21.516	228	1392	0.024	ng/ul#	1

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

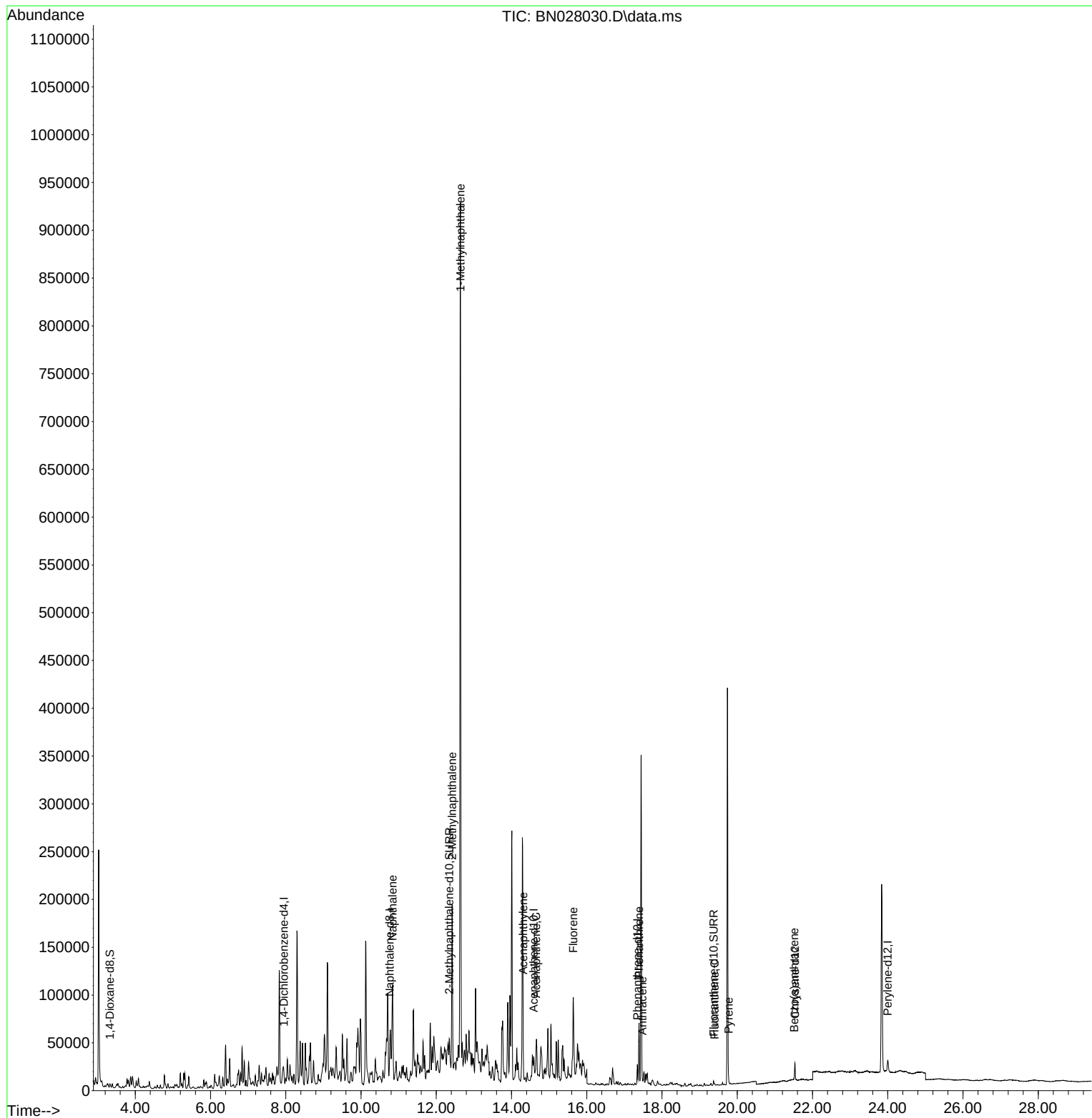
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100323\
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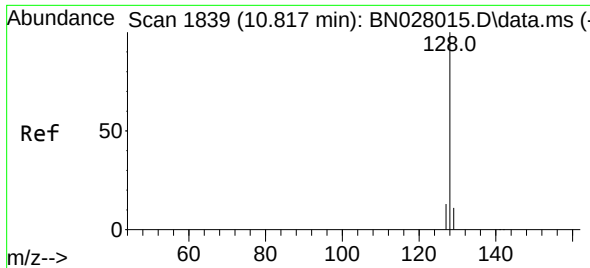
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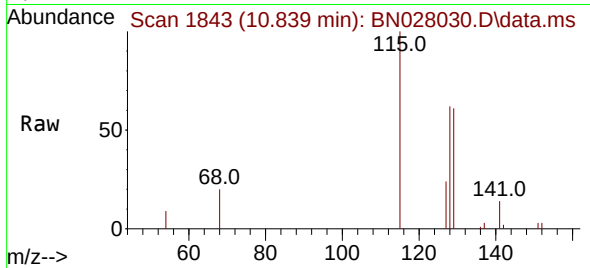
Quant Time: Oct 04 04:30:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 03 15:50:04 2023
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#5
Naphthalene
Concen: 1.103 ng/ul
RT: 10.839 min Scan# 1839
Delta R.T. 0.022 min
Lab File: BN028030.D
Acq: 04 Oct 2023 03:42

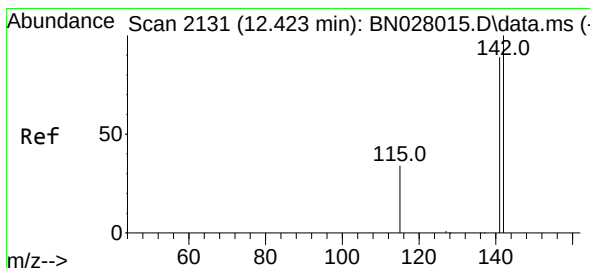
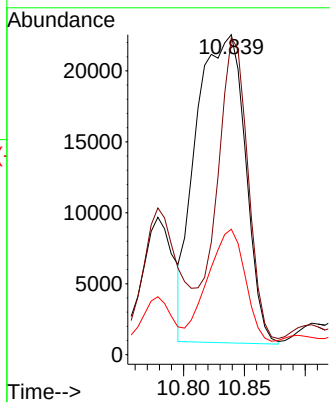
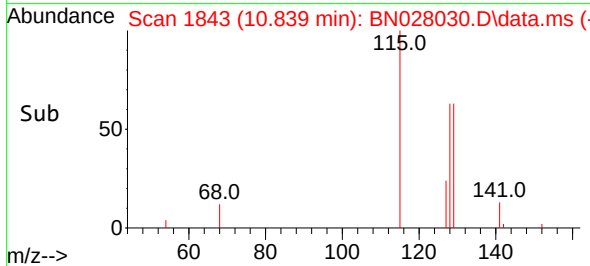
Instrument :
BNA_N
ClientSampleId :
BBJC3DL



Tgt Ion:128 Resp: 60829
Ion Ratio Lower Upper
128 100
129 99.0 9.4 14.0
127 39.2 11.0 16.4

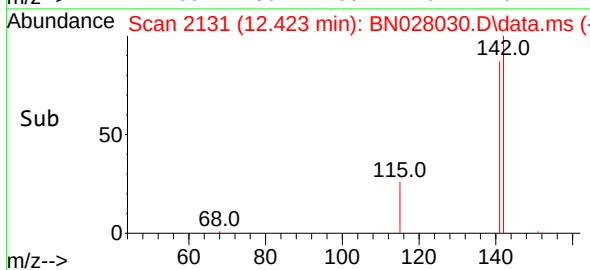
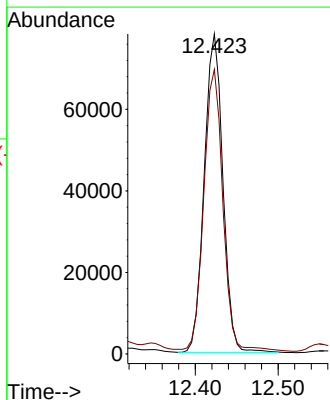
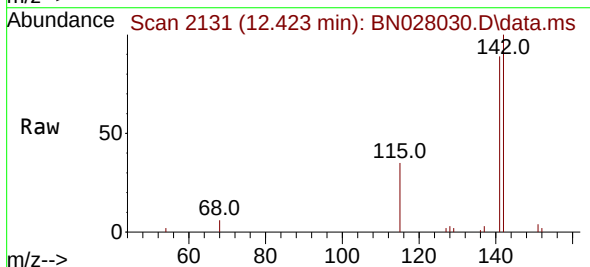
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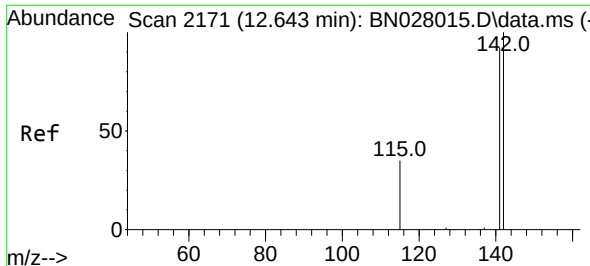
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#7
2-Methylnaphthalene
Concen: 3.500 ng/ul
RT: 12.423 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BN028030.D
Acq: 04 Oct 2023 03:42

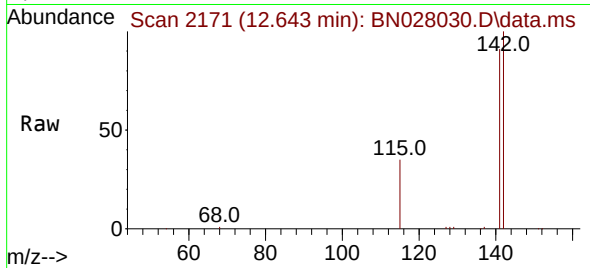
Tgt Ion:142 Resp: 121832
Ion Ratio Lower Upper
142 100
141 89.1 70.9 106.3





#8
1-Methylnaphthalene
Concen: 16.993 ng/ul
RT: 12.643 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BN028030.D
Acq: 04 Oct 2023 03:42

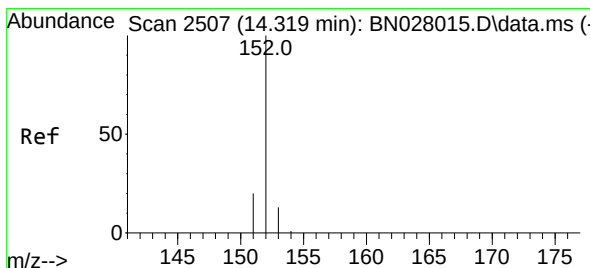
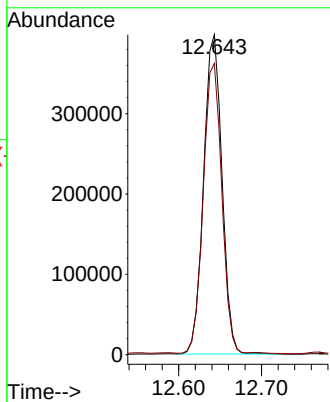
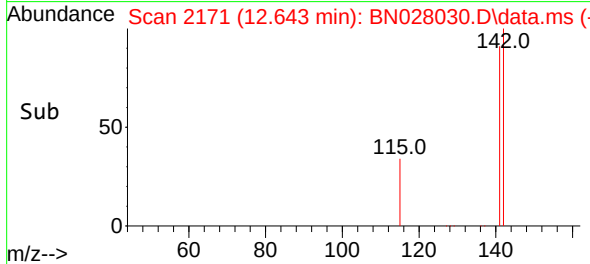
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 61197
Ion Ratio Lower Upper
142 100
141 91.8 74.4 111.6

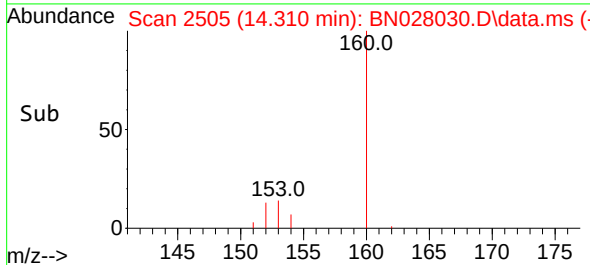
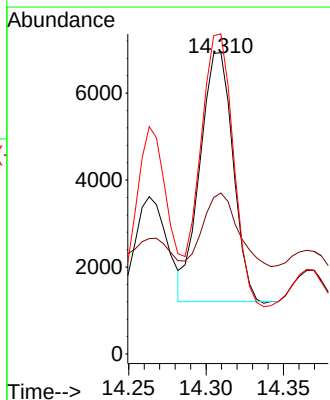
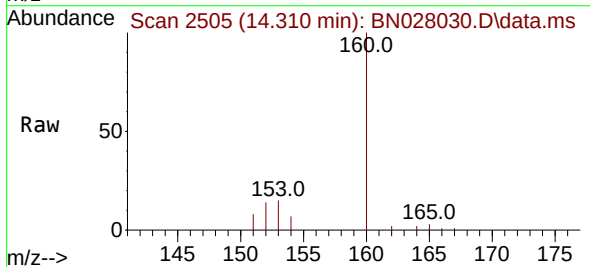
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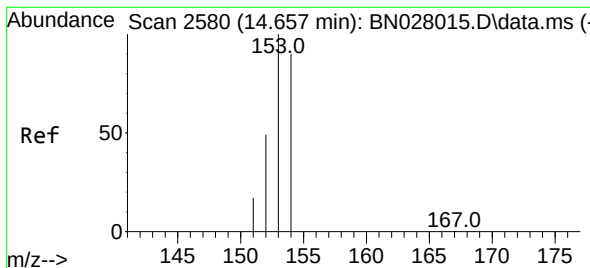
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#10
Acenaphthylene
Concen: 0.165 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. -0.010 min
Lab File: BN028030.D
Acq: 04 Oct 2023 03:42

Tgt Ion:152 Resp: 8487
Ion Ratio Lower Upper
152 100
151 53.4 16.4 24.6#
153 106.2 10.9 16.3#





#11

Acenaphthene

Concen: 0.600 ng/ul

RT: 14.656 min Scan# 2580

Delta R.T. -0.000 min

Lab File: BN028030.D

Acq: 04 Oct 2023 03:42

Instrument :

BNA_N

ClientSampleId :

BBJC3DL

Tgt Ion:153 Resp: 2457

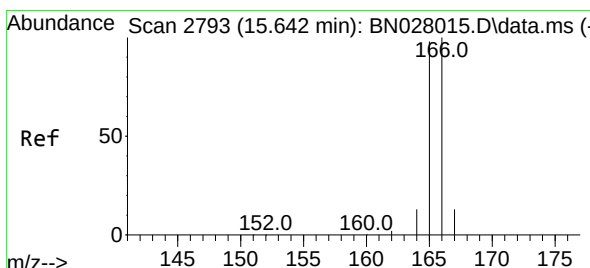
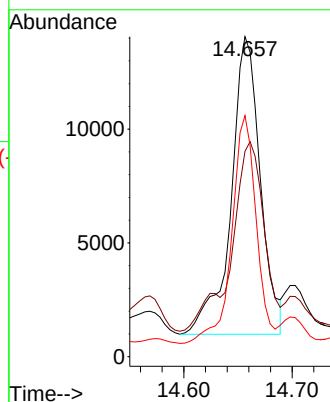
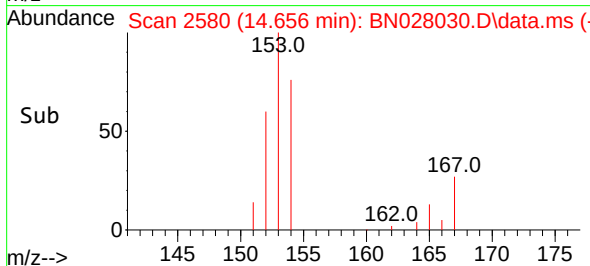
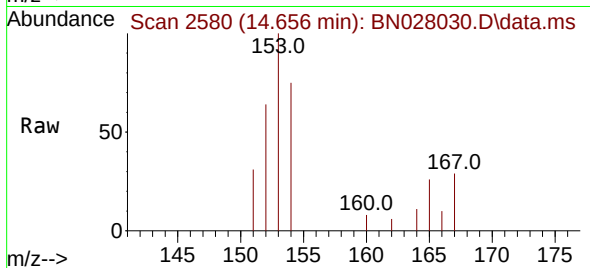
Ion	Ratio	Lower	Upper
153	100		
152	64.2	39.4	59.0
154	75.3	70.2	105.4

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#12

Fluorene

Concen: 1.191 ng/ul

RT: 15.642 min Scan# 2793

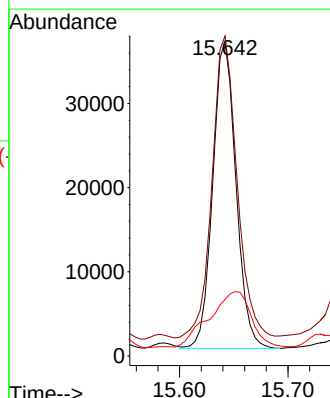
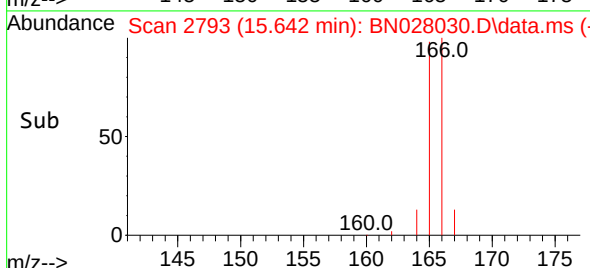
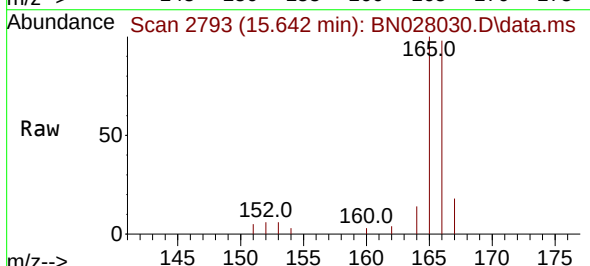
Delta R.T. -0.000 min

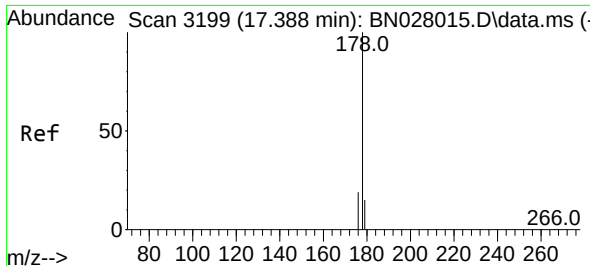
Lab File: BN028030.D

Acq: 04 Oct 2023 03:42

Tgt Ion:166 Resp: 54294

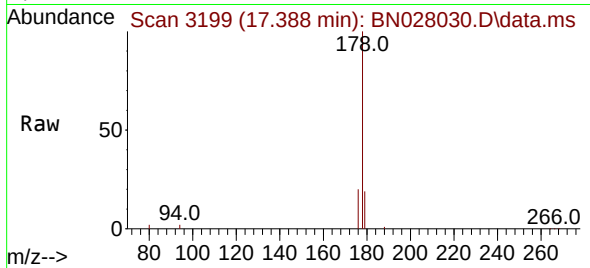
Ion	Ratio	Lower	Upper
166	100		
165	101.7	78.5	117.7
167	17.9	11.2	16.8





#15
Phenanthrene
Concen: 0.941 ng/ul
RT: 17.388 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN028030.D
Acq: 04 Oct 2023 03:42

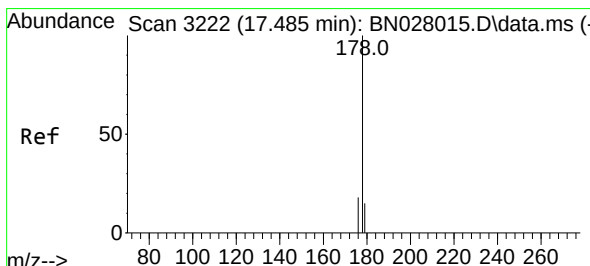
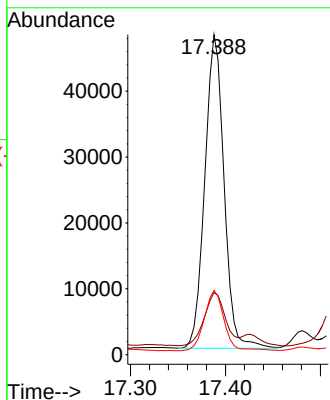
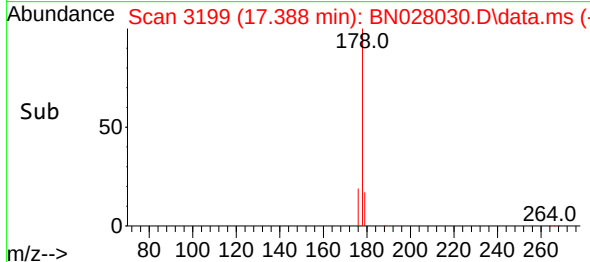
Instrument :
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ClientSampleId :
BBJC3DL



Tgt Ion:178 Resp: 67218
Ion Ratio Lower Upper
178 100
179 19.4 12.6 19.0#
176 20.0 15.5 23.3#

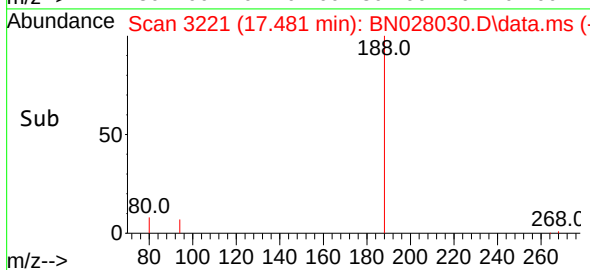
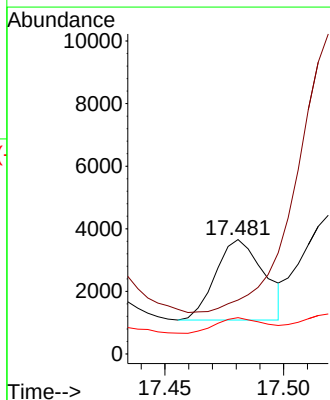
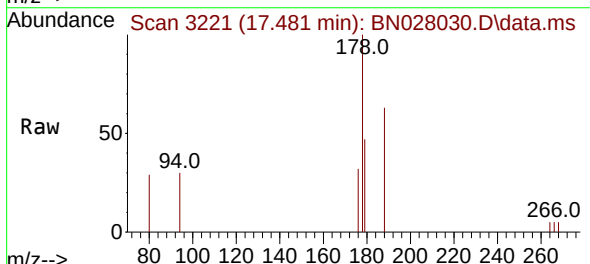
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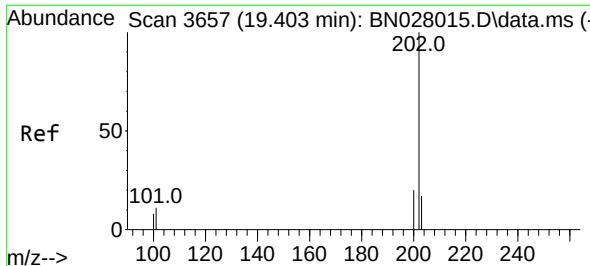
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#16
Anthracene
Concen: 0.057 ng/ul
RT: 17.481 min Scan# 3221
Delta R.T. 0.000 min
Lab File: BN028030.D
Acq: 04 Oct 2023 03:42

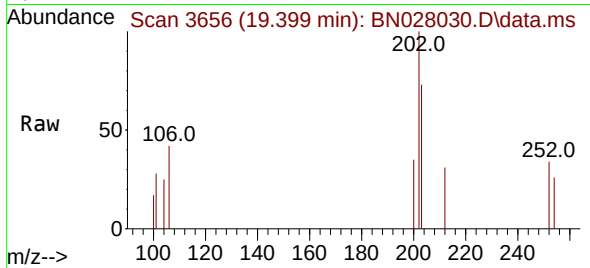
Tgt Ion:178 Resp: 3670
Ion Ratio Lower Upper
178 100
179 47.2 12.8 19.2#
176 31.7 15.0 22.6#





#19
Fluoranthene
Concen: 0.026 ng/ul
RT: 19.399 min Scan# 3656
Delta R.T. -0.005 min
Lab File: BN028030.D
Acq: 04 Oct 2023 03:42

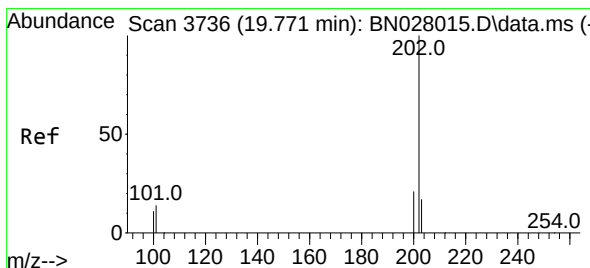
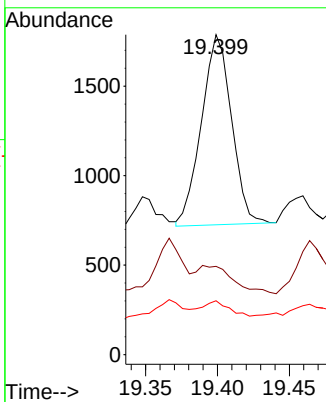
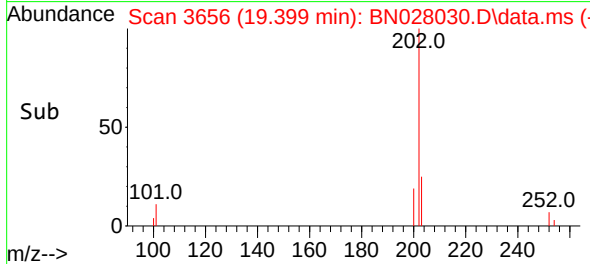
Instrument :
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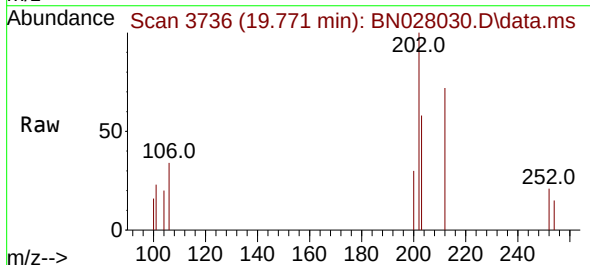
Tgt Ion:202 Resp: 1548
Ion Ratio Lower Upper
202 100
101 27.6 9.6 14.4#
100 16.8 7.4 11.0#

Manual Integrations
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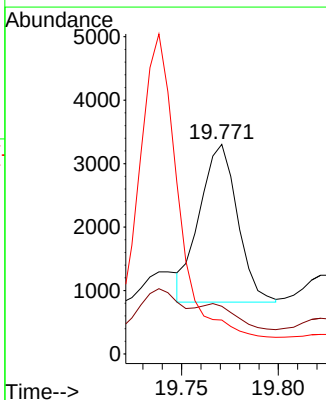
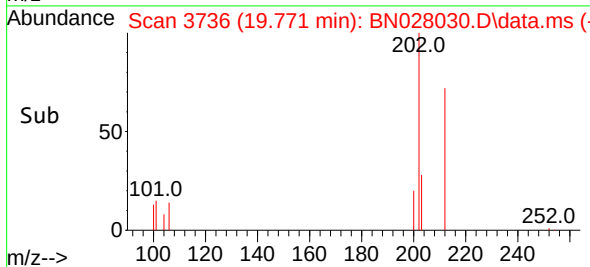
Reviewed By :Yogesh Patel 10/04/2023
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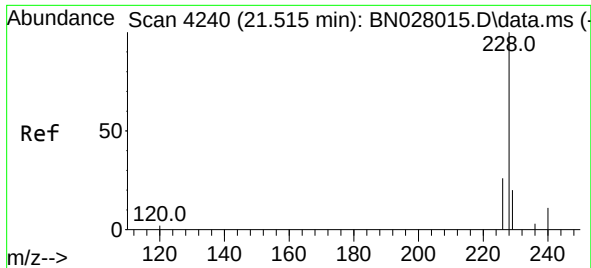


#20
Pyrene
Concen: 0.055 ng/ul m
RT: 19.771 min Scan# 3736
Delta R.T. 0.000 min
Lab File: BN028030.D
Acq: 04 Oct 2023 03:42



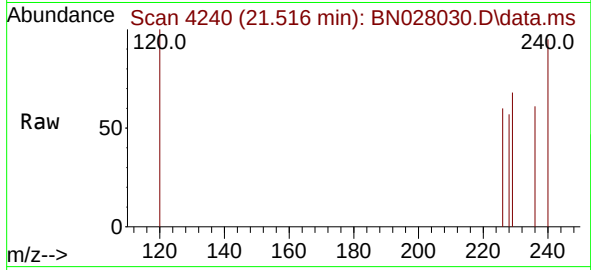
Tgt Ion:202 Resp: 3400
Ion Ratio Lower Upper
202 100
101 22.8 11.2 16.8#
100 16.2 9.1 13.7#





#21
Benzo(a)anthracene
Concen: 0.024 ng/ul
RT: 21.516 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN028030.D
Acq: 04 Oct 2023 03:42

Instrument :
BNA_N
ClientSampleId :
BBJC3DL



Tgt Ion:228 Resp: 1392
Ion Ratio Lower Upper
228 100
229 120.0 16.0 24.0
226 104.9 21.5 32.3

Manual Integrations
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