

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
 Data File : BN021871.D
 Acq On : 22 Sep 2022 19:15
 Operator : CG/JU
 Sample : N4706-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB8J8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
 Supervised By :mohammad ahmed 09/26/2022

Quant Time: Sep 23 02:11:20 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 00:20:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	5498	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	18538	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.708	164	11608	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.456	188	21504	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.650	240	13076	0.400	ng/ul	# 0.00
23) Perylene-d12	24.155	264	10246	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	33029	4.883	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	9218	0.314	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	19438	0.400	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.927	128	8987	0.172	ng/ul#	90
7) 2-Methylnaphthalene	12.539	142	16948	0.499	ng/ul	98
8) 1-Methylnaphthalene	12.759	142	36770	1.055	ng/ul	98
10) Acenaphthylene	14.430	152	4333	0.089	ng/ul#	29
11) Acenaphthene	14.768	153	257454	6.234	ng/ul	99
12) Fluorene	15.753	166	137893	2.976	ng/ul	99
15) Phenanthrene	17.498	178	10143m	0.150	ng/ul	
16) Anthracene	17.591	178	25581	0.454	ng/ul	93
19) Fluoranthene	19.515	202	23558	0.386	ng/ul#	81
20) Pyrene	19.882	202	14219m	0.236	ng/ul	
21) Benzo(a)anthracene	21.633	228	1062	0.024	ng/ul#	31
22) Chrysene	21.685	228	1001	0.021	ng/ul#	21
28) Dibenzo(a,h)anthracene	26.824	278	731	0.020	ng/ul#	1

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

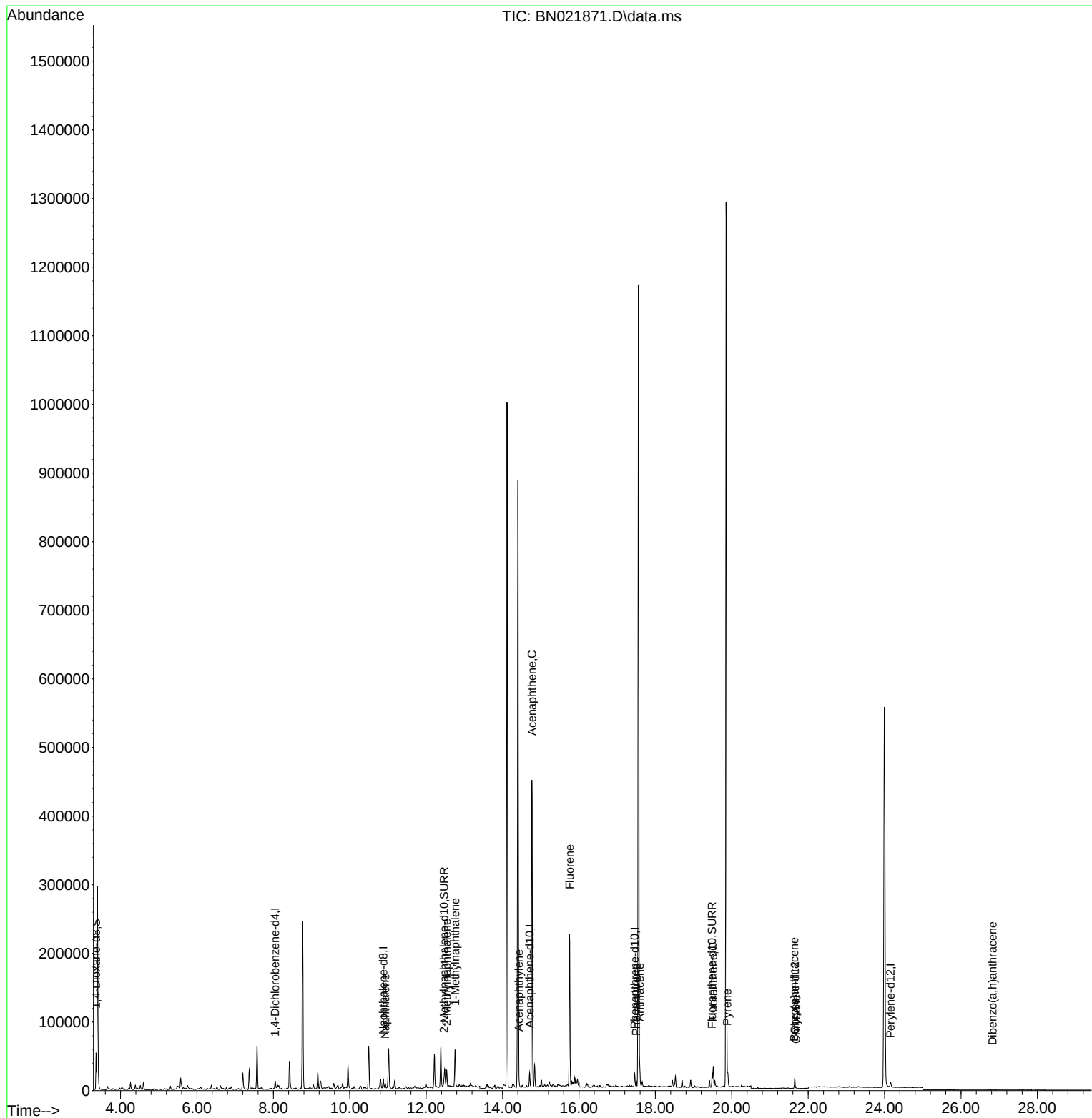
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021871.D
Acq On : 22 Sep 2022 19:15
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Sample : N4706-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

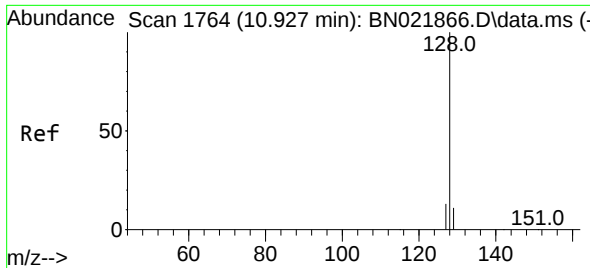
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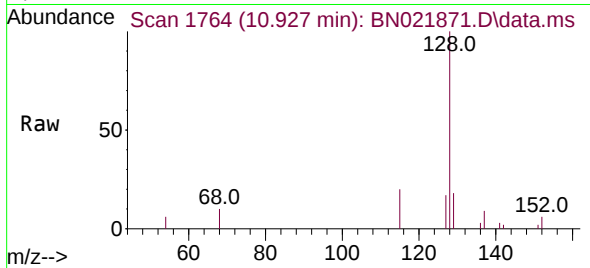
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.172 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.005 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

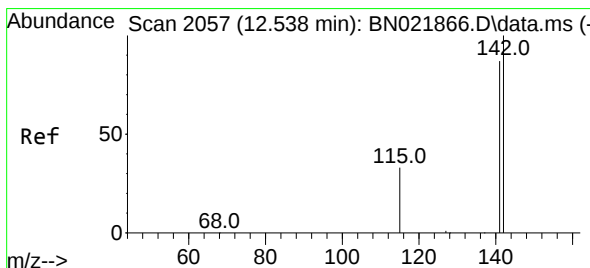
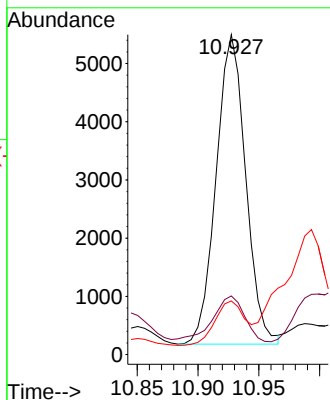
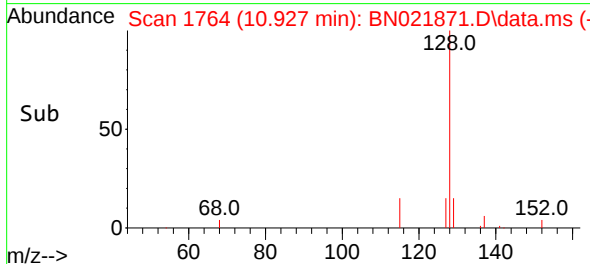
Instrument :
BNA_N
ClientSampleId :
CB8J8



Tgt Ion:128 Resp: 8982
Ion Ratio Lower Upper
128 100
129 18.3 9.8 14.6
127 16.8 11.6 17.4

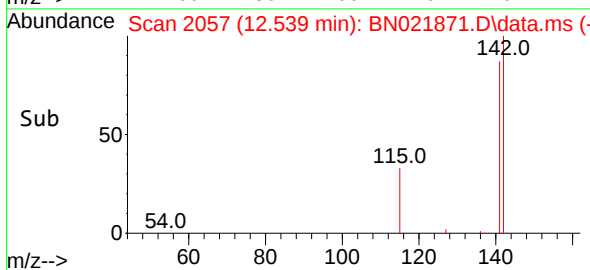
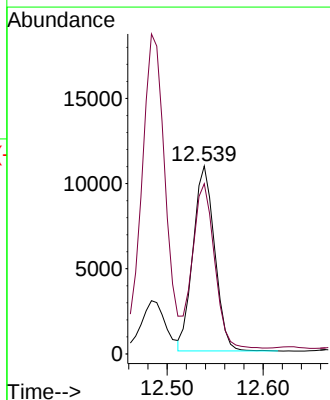
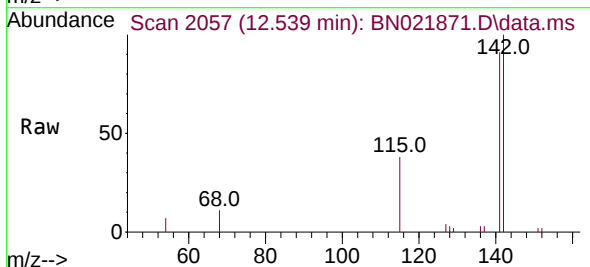
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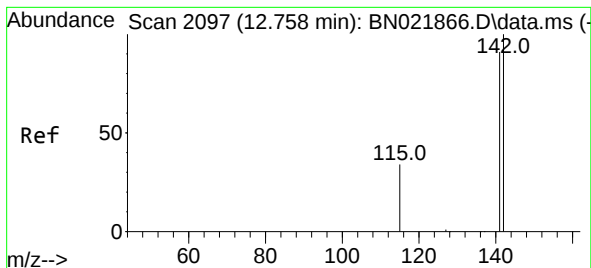
Reviewed By :Jagrut Upadhyay 09/26/2022
Supervised By :mohammad ahmed 09/26/2022



#7
2-Methylnaphthalene
Concen: 0.499 ng/ul
RT: 12.539 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

Tgt Ion:142 Resp: 16948
Ion Ratio Lower Upper
142 100
141 91.9 72.2 108.2





#8

1-Methylnaphthalene

Concen: 1.055 ng/ul

RT: 12.759 min Scan# 2097

Delta R.T. 0.000 min

Lab File: BN021871.D

Acq: 22 Sep 2022 19:15

Instrument :

BNA_N

ClientSampleId :

CB8J8

Tgt Ion:142 Resp: 36776

Ion Ratio Lower Upper

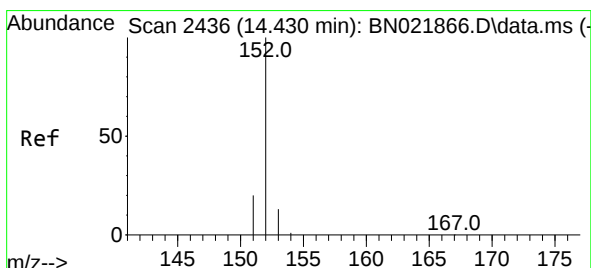
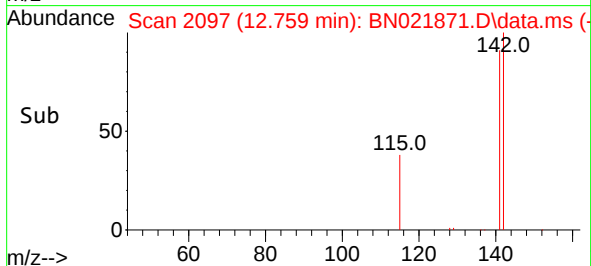
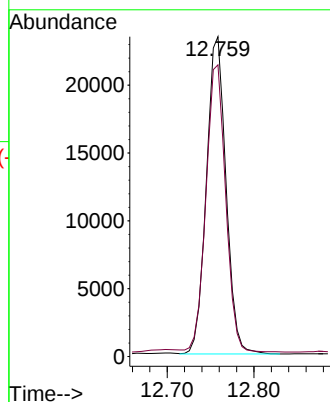
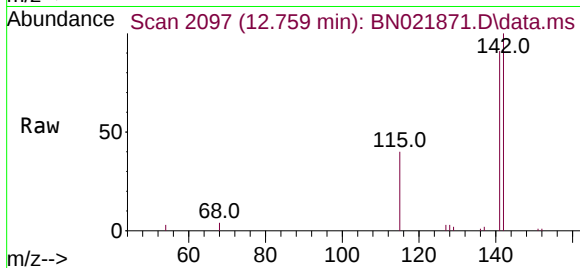
142 100

141 90.7 73.9 110.9

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#10

Acenaphthylene

Concen: 0.089 ng/ul

RT: 14.430 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BN021871.D

Acq: 22 Sep 2022 19:15

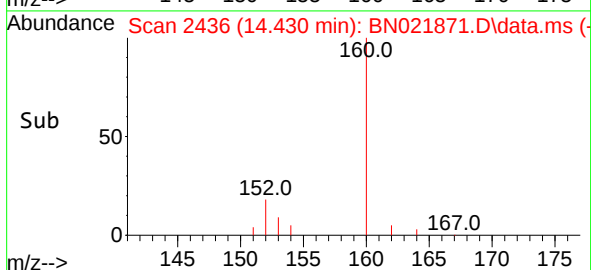
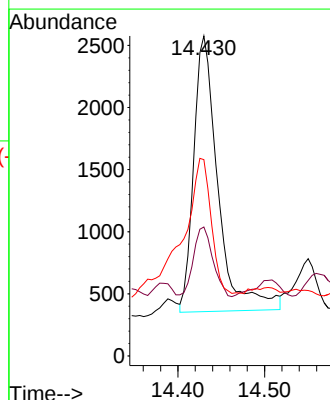
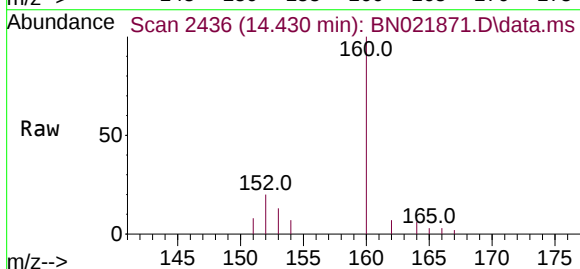
Tgt Ion:152 Resp: 4333

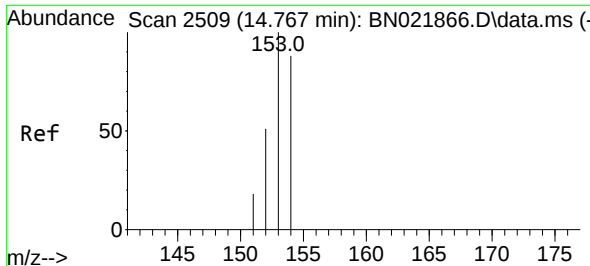
Ion Ratio Lower Upper

152 100

151 40.3 16.9 25.3#

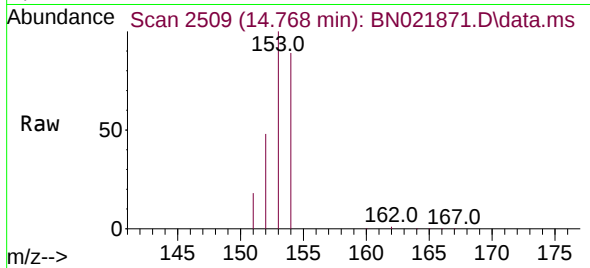
153 61.4 11.2 16.8#





#11
Acenaphthene
Concen: 6.234 ng/u1
RT: 14.768 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

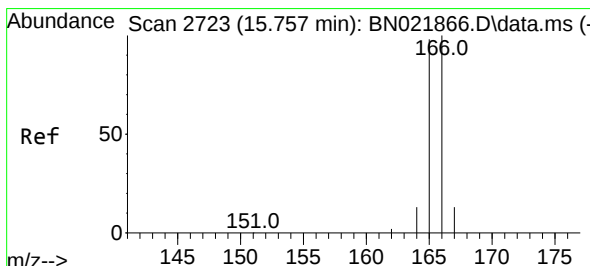
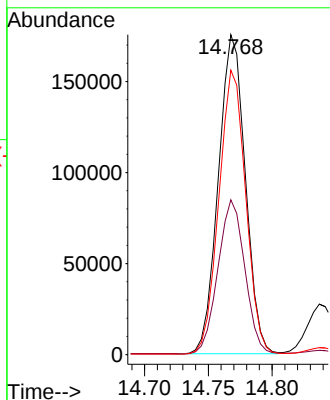
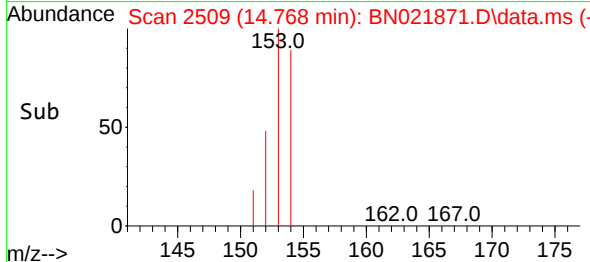
Instrument :
BNA_N
ClientSampleId :
CB8J8



Tgt Ion:153 Resp: 257454
Ion Ratio Lower Upper
153 100
152 48.4 40.2 60.4
154 88.9 70.7 106.1

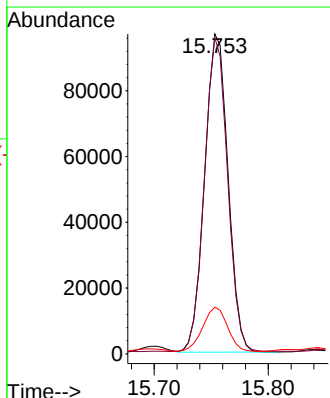
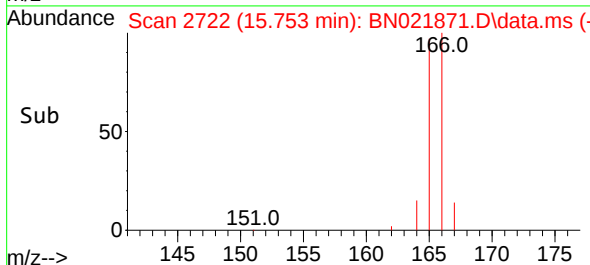
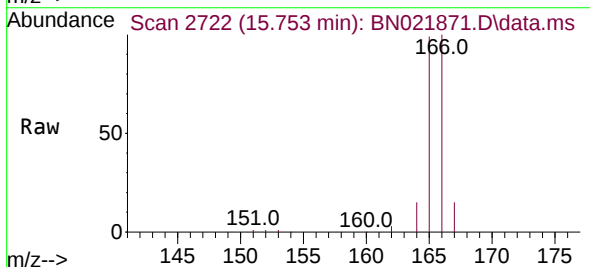
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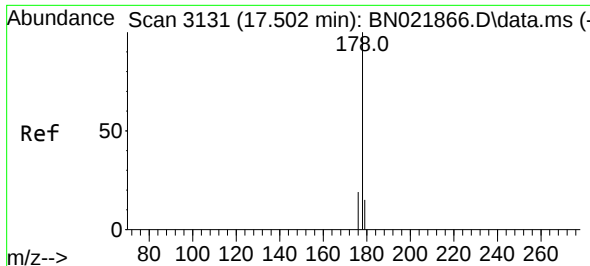
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Supervised By :mohammad ahmed 09/26/2022



#12
Fluorene
Concen: 2.976 ng/u1
RT: 15.753 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

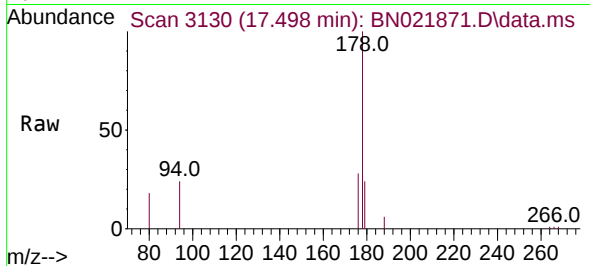
Tgt Ion:166 Resp: 137893
Ion Ratio Lower Upper
166 100
165 98.8 78.6 117.8
167 14.6 11.8 17.6





#15
Phenanthrene
Concen: 0.150 ng/ul m
RT: 17.498 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

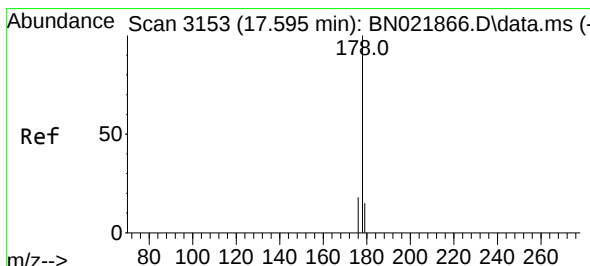
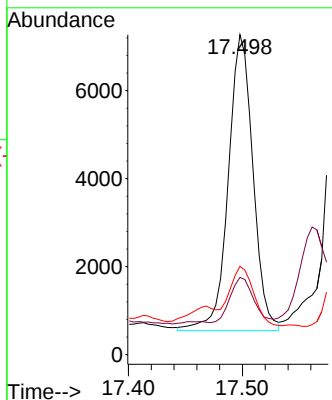
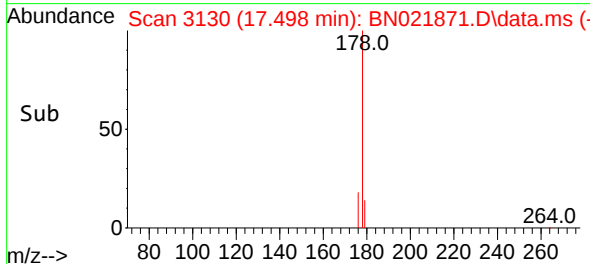
Instrument :
BNA_N
ClientSampleId :
CB8J8



Tgt Ion:178 Resp: 10143
Ion Ratio Lower Upper
178 100
179 24.1 12.8 19.2
176 27.6 15.9 23.9

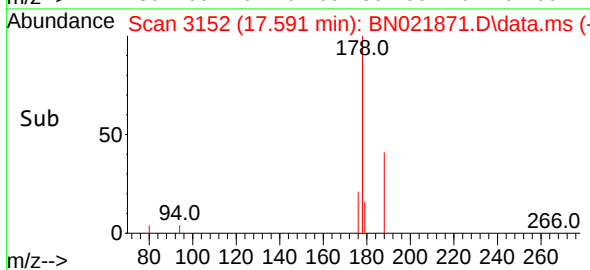
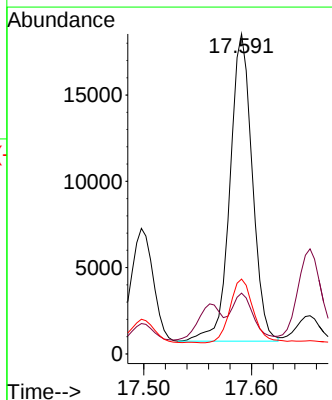
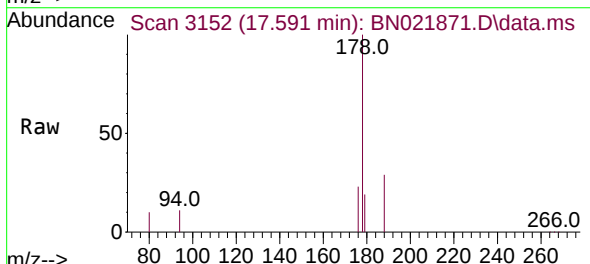
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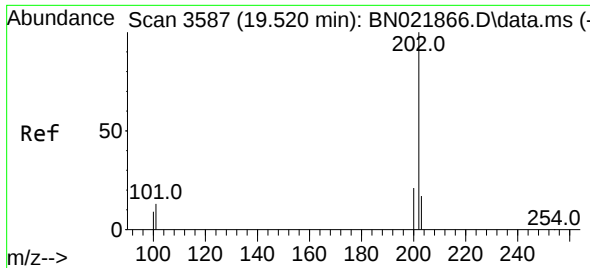
Reviewed By :Jagrut Upadhyay 09/26/2022
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#16
Anthracene
Concen: 0.454 ng/ul
RT: 17.591 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

Tgt Ion:178 Resp: 25581
Ion Ratio Lower Upper
178 100
179 19.0 12.9 19.3
176 23.4 15.9 23.9





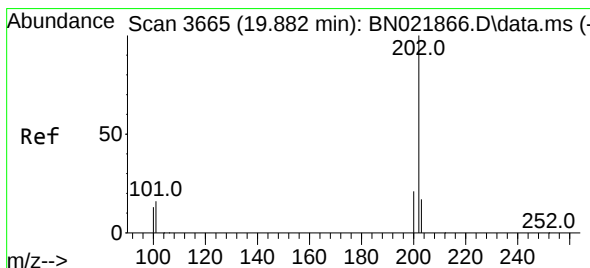
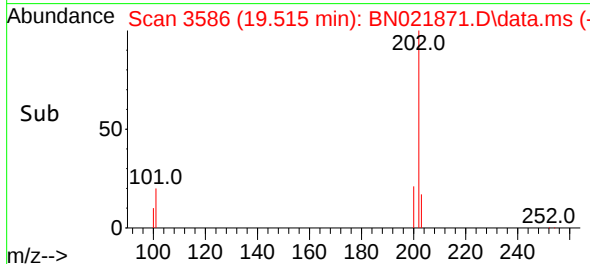
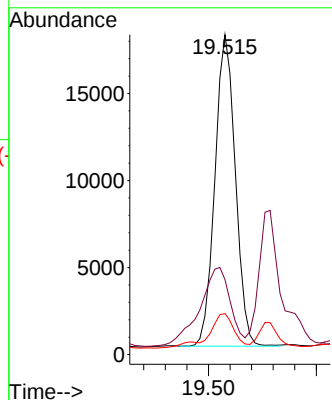
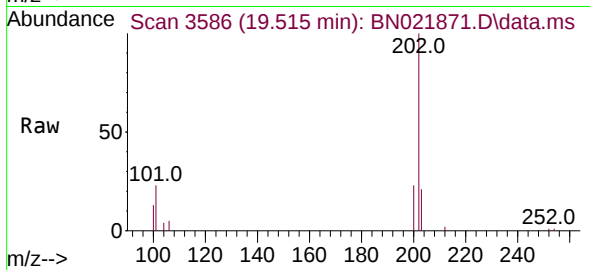
#19
Fluoranthene
Concen: 0.386 ng/ul
RT: 19.515 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

Instrument :
BNA_N
ClientSampleId :
CB8J8

Tgt Ion:202 Resp: 23558
Ion Ratio Lower Upper
202 100
101 23.4 10.0 15.0#
100 12.8 8.0 12.0#

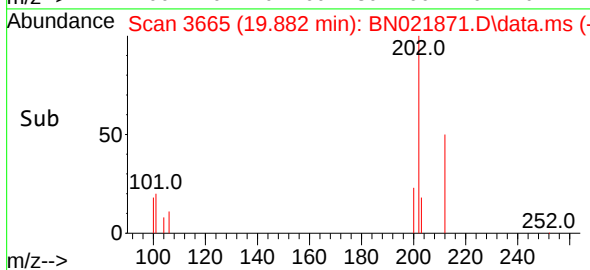
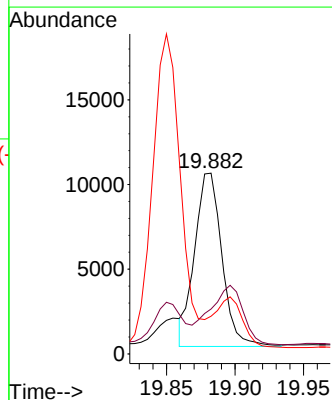
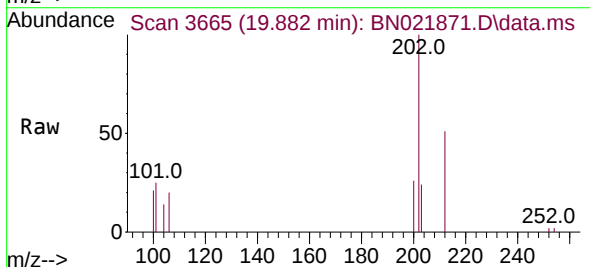
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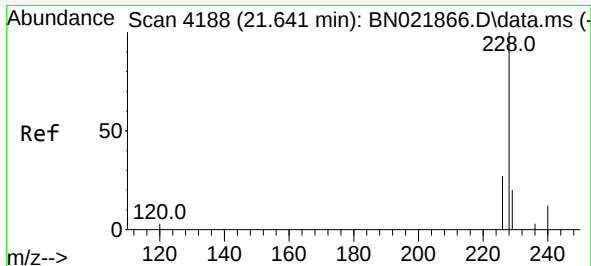
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Supervised By :mohammad ahmed 09/26/2022



#20
Pyrene
Concen: 0.236 ng/ul m
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

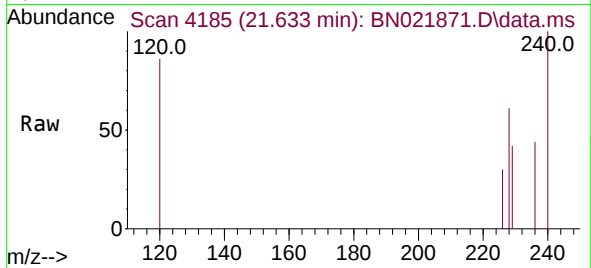
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Ion Ratio Lower Upper
202 100
101 24.8 11.3 16.9#
100 20.9 9.0 13.4#





#21
Benzo(a)anthracene
Concen: 0.024 ng/u1
RT: 21.633 min Scan# 4188
Delta R.T. 0.003 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

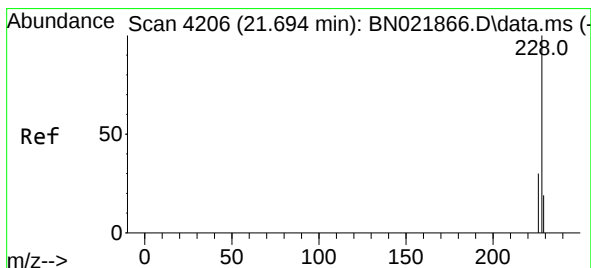
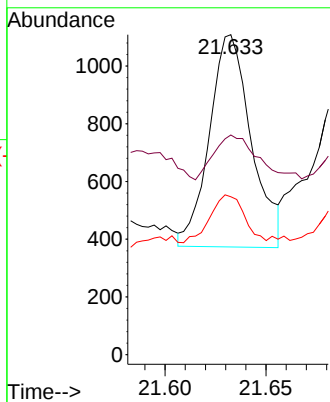
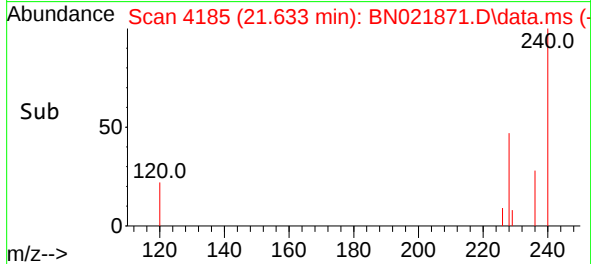
Instrument :
BNA_N
ClientSampleId :
CB8J8



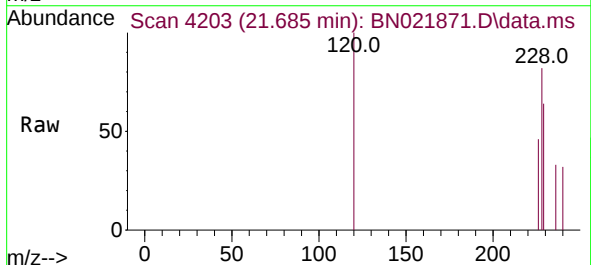
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Ion Ratio Lower Upper
228 100
229 68.6 16.0 24.0#
226 49.3 21.9 32.9#

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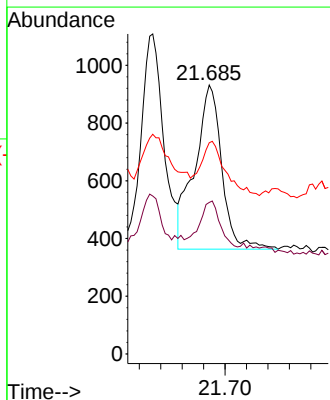
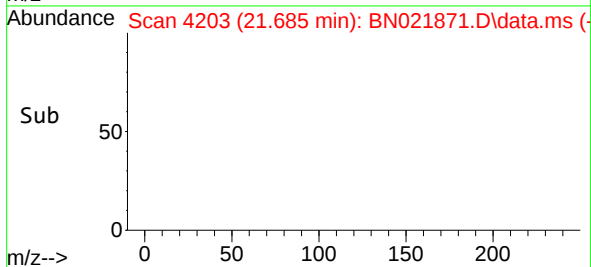
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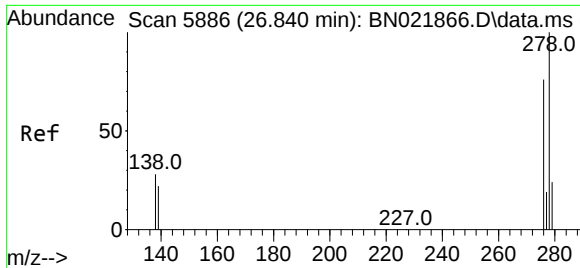


#22
Chrysene
Concen: 0.021 ng/u1
RT: 21.685 min Scan# 4203
Delta R.T. 0.000 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15



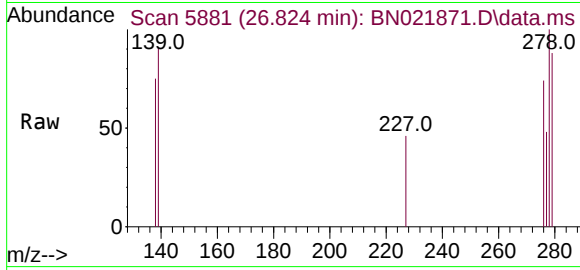
Tgt Ion:228 Resp: 1001
Ion Ratio Lower Upper
228 100
226 56.3 24.6 37.0#
229 78.5 15.8 23.8#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.020 ng/ul
 RT: 26.824 min Scan# 5886
 Delta R.T. 0.007 min
 Lab File: BN021871.D
 Acq: 22 Sep 2022 19:15

Instrument :
 BNA_N
 ClientSampleId :
 CB8J8



Tgt Ion:	278	Resp:	73
Ion Ratio	Lower	Upper	
278	100		
139	90.6	18.3	27.5
279	88.4	23.9	35.9

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