

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
 Data File : BN021821.D
 Acq On : 20 Sep 2022 02:21
 Operator : CG/JU
 Sample : N4595-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB8H9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
 Supervised By :mohammad ahmed 09/21/2022

Quant Time: Sep 20 03:30:40 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	8.051	152	5386	0.400	ng/u1	0.00
4) Naphthalene-d8	10.883	136	18134	0.400	ng/u1	# 0.00
9) Acenaphthene-d10	14.712	164	11000	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.460	188	21846	0.400	ng/u1	# 0.00
17) Chrysene-d12	21.650	240	13992	0.400	ng/u1	# 0.00
23) Perylene-d12	24.155	264	11273	0.400	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	20050	3.026	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.467	152	7909	0.275	ng/u1	0.00
18) Fluoranthene-d10	19.487	212	18456	0.355	ng/u1	0.00
Target Compounds						
5) Naphthalene	10.933	128	17122	0.335	ng/u1	99
7) 2-Methylnaphthalene	12.544	142	2655	0.080	ng/u1	98
8) 1-Methylnaphthalene	12.758	142	9030	0.265	ng/u1	98
10) Acenaphthylene	14.430	152	5533	0.120	ng/u1#	78
11) Acenaphthene	14.772	153	589124	15.052	ng/u1	98
12) Fluorene	15.758	166	327418	7.457	ng/u1	99
15) Phenanthrene	17.502	178	258559	3.752	ng/u1	99
16) Anthracene	17.595	178	19247	0.336	ng/u1	96
19) Fluoranthene	19.515	202	21422	0.328	ng/u1#	93
20) Pyrene	19.882	202	13437m	0.209	ng/u1	
21) Benzo(a)anthracene	21.632	228	953	0.020	ng/u1#	29

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

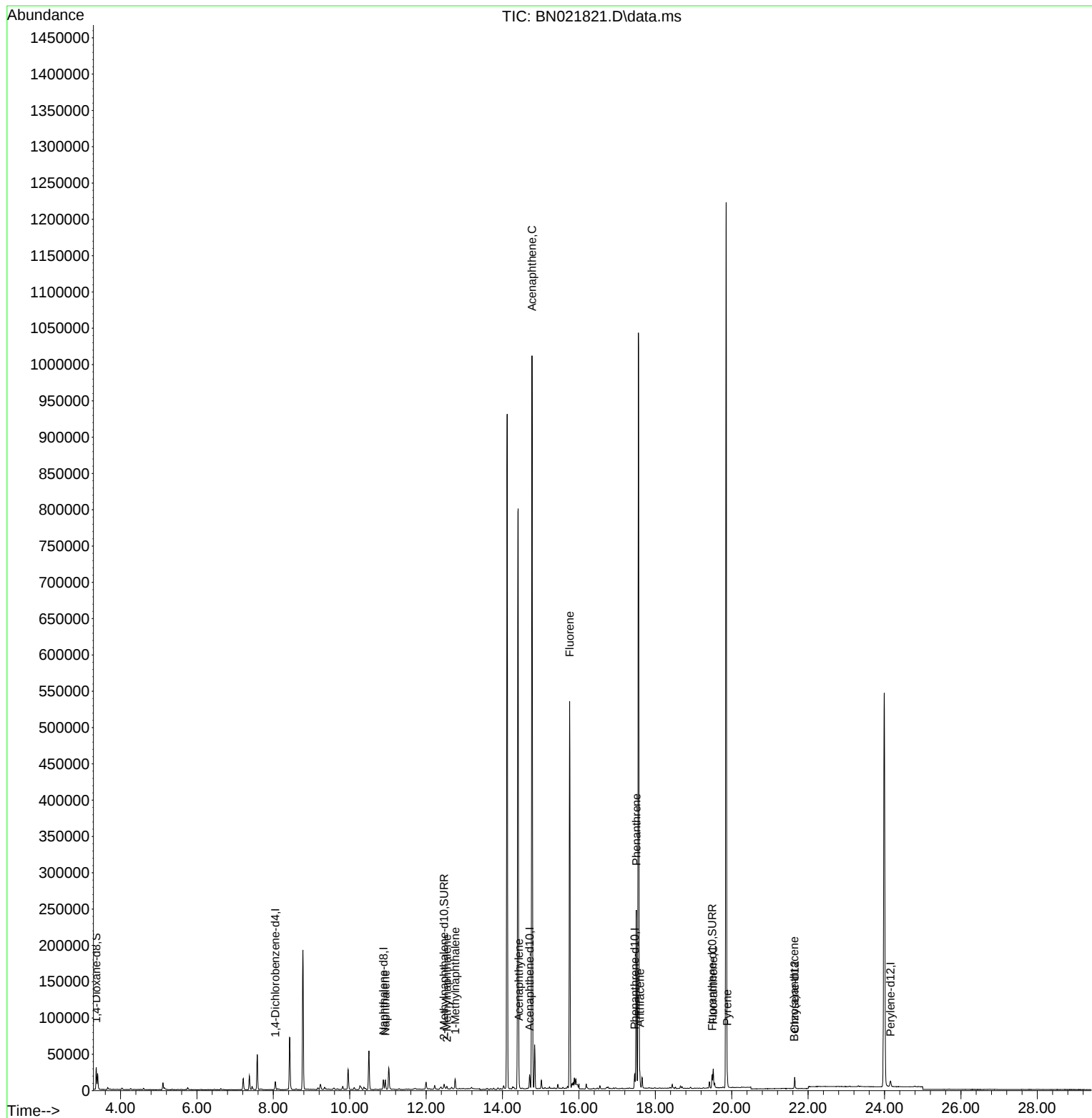
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
Data File : BN021821.D
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Sample : N4595-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

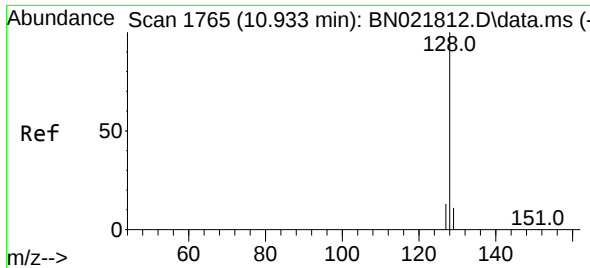
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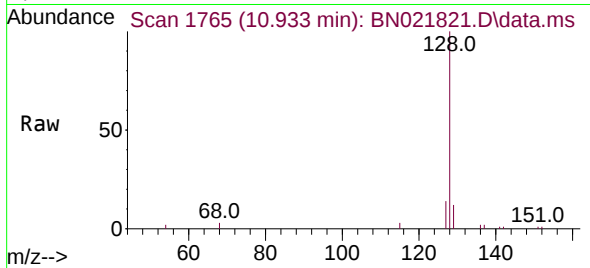
Quant Time: Sep 20 03:30:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
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#5
Naphthalene
Concen: 0.335 ng/ul
RT: 10.933 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BN021821.D
Acq: 20 Sep 2022 02:21

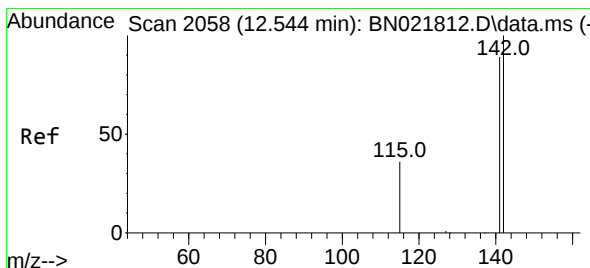
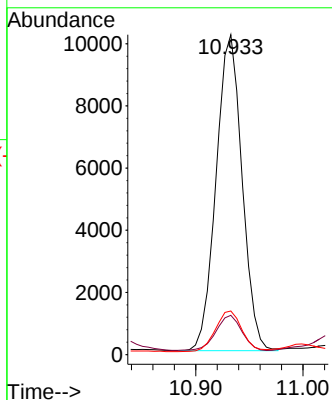
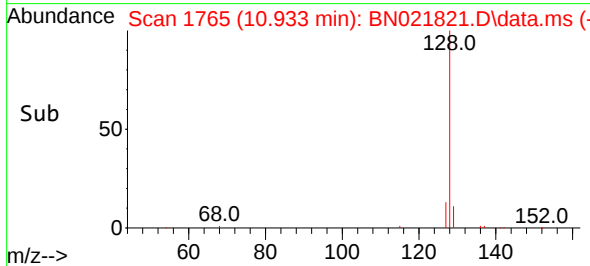
Instrument :
BNA_N
ClientSampleId :
CB8H9



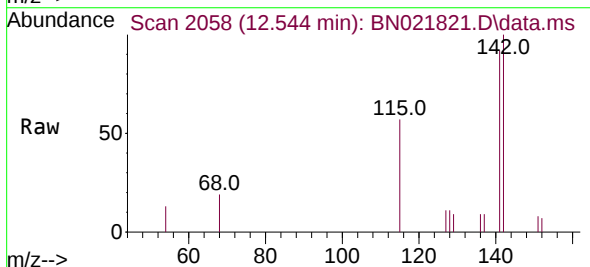
Tgt Ion:128 Resp: 1712
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.6
127 13.6 11.6 17.4

Manual Integrations
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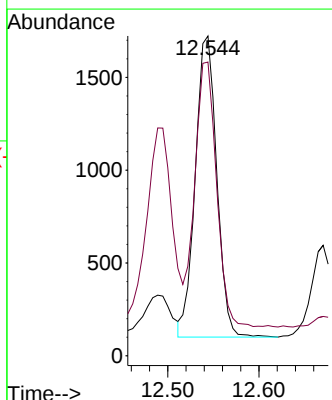
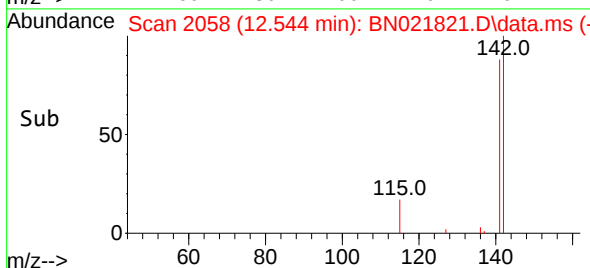
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

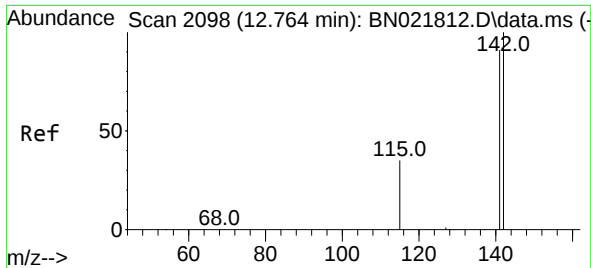


#7
2-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.544 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN021821.D
Acq: 20 Sep 2022 02:21



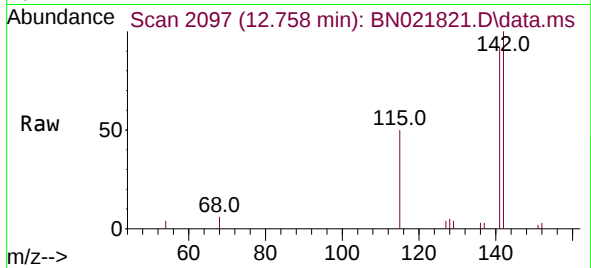
Tgt Ion:142 Resp: 2655
Ion Ratio Lower Upper
142 100
141 88.1 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.265 ng/ul
RT: 12.758 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BN021821.D
Acq: 20 Sep 2022 02:21

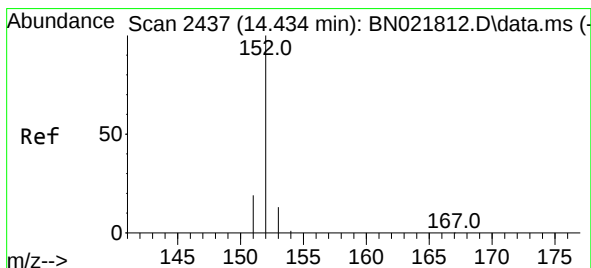
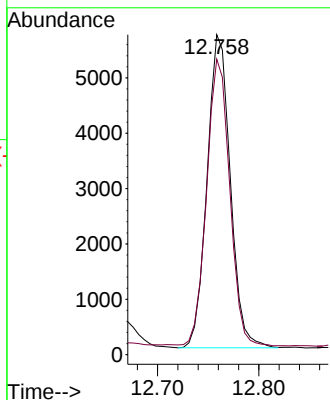
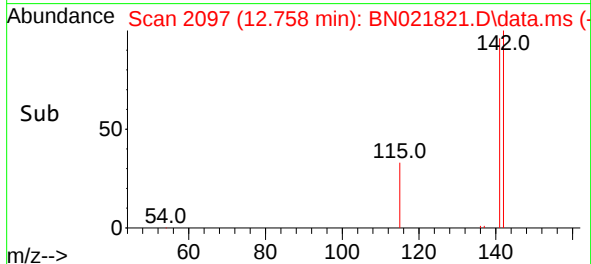
Instrument :
BNA_N
ClientSampleId :
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Ion Ratio Lower Upper
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141 90.8 73.9 110.9

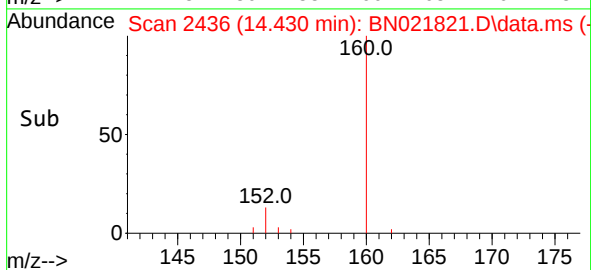
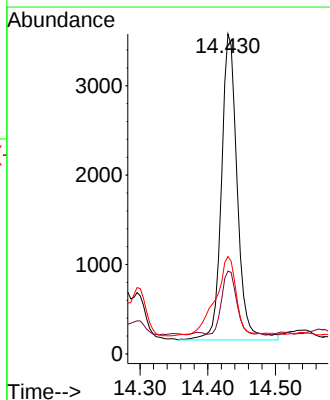
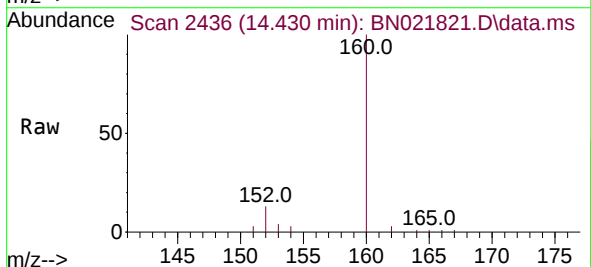
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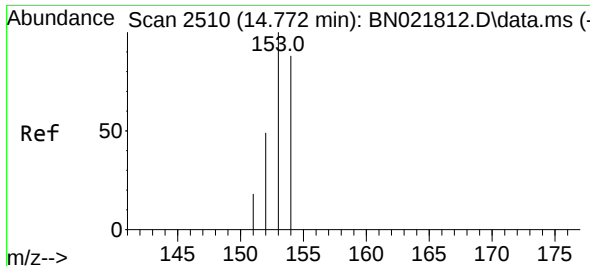
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022



#10
Acenaphthylene
Concen: 0.120 ng/ul
RT: 14.430 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BN021821.D
Acq: 20 Sep 2022 02:21

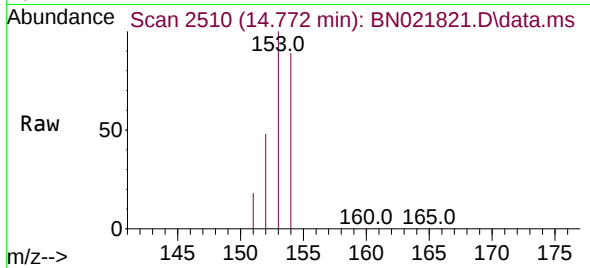
Tgt Ion:152 Resp: 5533
Ion Ratio Lower Upper
152 100
151 25.9 16.9 25.3#
153 30.4 11.2 16.8#





#11
Acenaphthene
Concen: 15.052 ng/u1
RT: 14.772 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BN021821.D
Acq: 20 Sep 2022 02:21

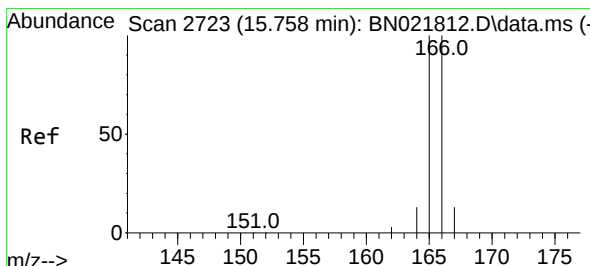
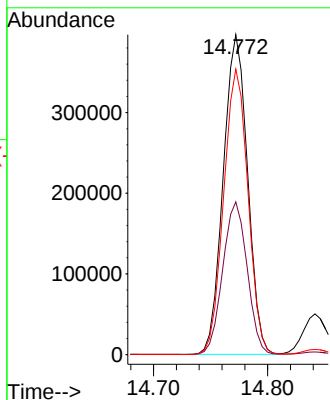
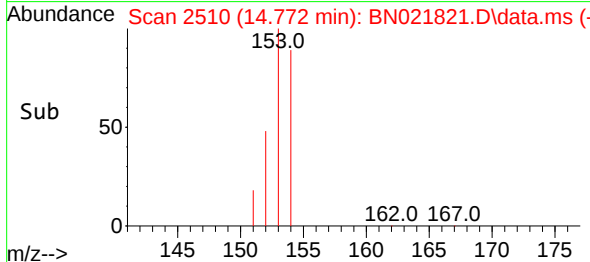
Instrument :
BNA_N
ClientSampleId :
CB8H9



Tgt Ion:153 Resp: 589124
Ion Ratio Lower Upper
153 100
152 47.7 40.2 60.4
154 89.2 70.7 106.1

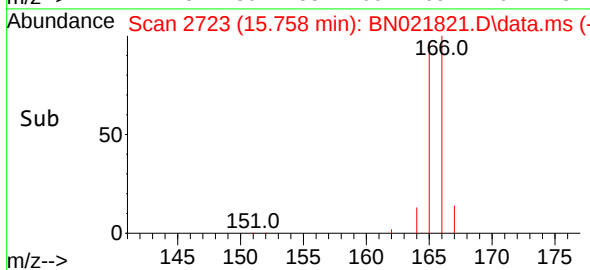
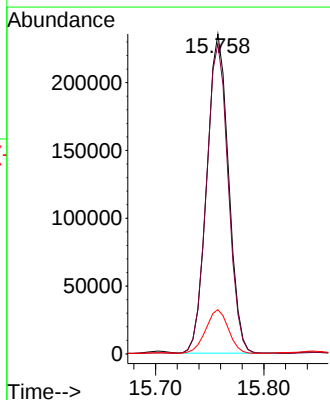
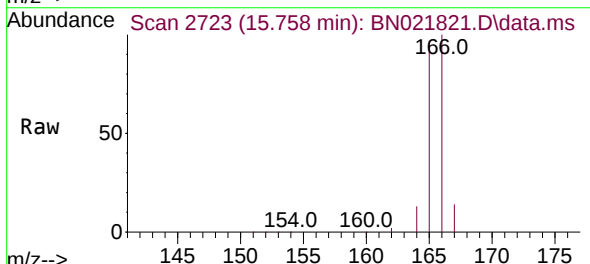
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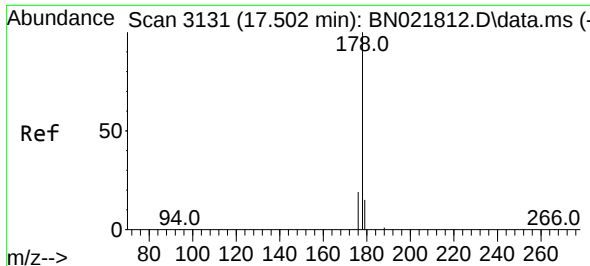
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022



#12
Fluorene
Concen: 7.457 ng/u1
RT: 15.758 min Scan# 2723
Delta R.T. -0.000 min
Lab File: BN021821.D
Acq: 20 Sep 2022 02:21

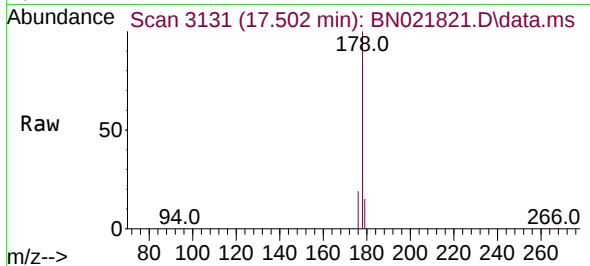
Tgt Ion:166 Resp: 327418
Ion Ratio Lower Upper
166 100
165 96.9 78.6 117.8
167 13.8 11.8 17.6





#15
Phenanthrene
Concen: 3.752 ng/ul
RT: 17.502 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BN021821.D
Acq: 20 Sep 2022 02:21

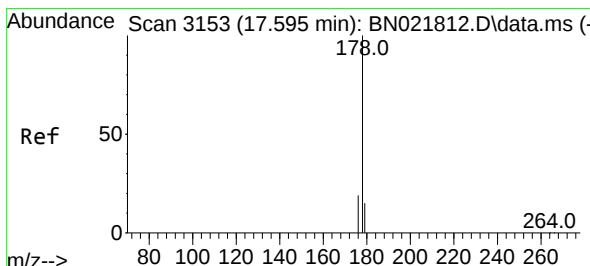
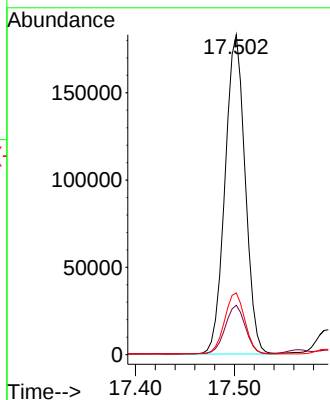
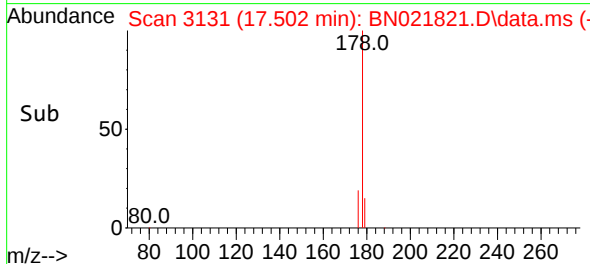
Instrument :
BNA_N
ClientSampleId :
CB8H9



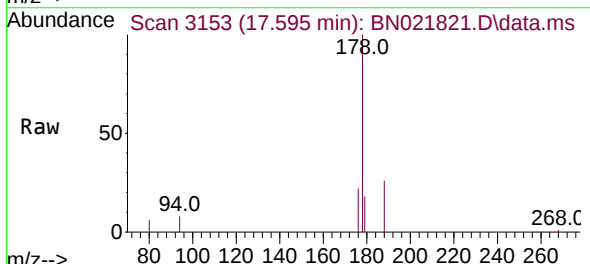
Tgt Ion:178 Resp: 258559
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 19.3 15.9 23.9

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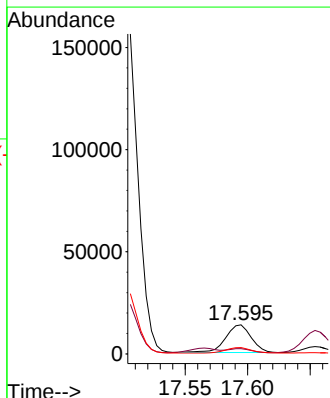
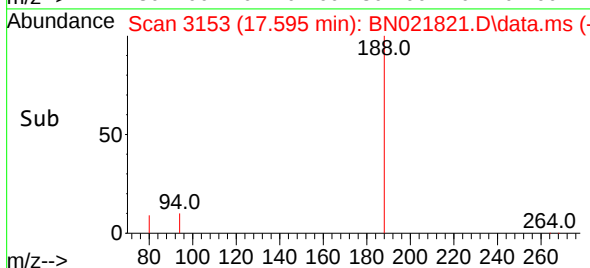
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

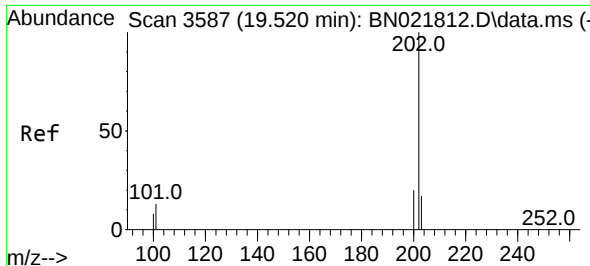


#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN021821.D
Acq: 20 Sep 2022 02:21



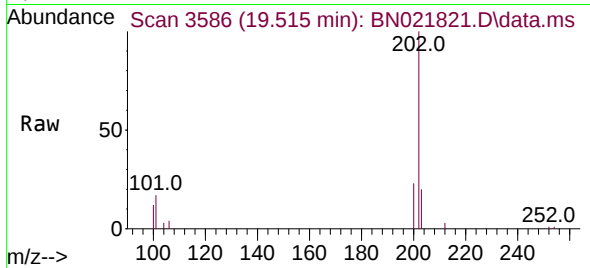
Tgt Ion:178 Resp: 19247
Ion Ratio Lower Upper
178 100
179 18.0 12.9 19.3
176 21.6 15.9 23.9





#19
Fluoranthene
Concen: 0.328 ng/ul
RT: 19.515 min Scan# 3586
Delta R.T. -0.000 min
Lab File: BN021821.D
Acq: 20 Sep 2022 02:21

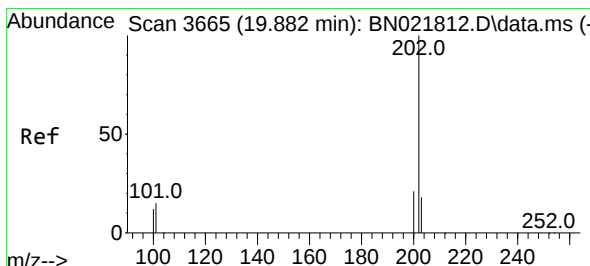
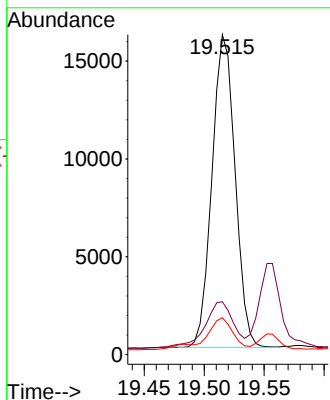
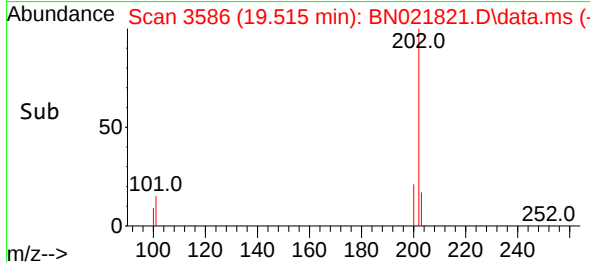
Instrument :
BNA_N
ClientSampleId :
CB8H9



Tgt Ion:202 Resp: 21422
Ion Ratio Lower Upper
202 100
101 16.5 10.0 15.0#
100 11.5 8.0 12.0#

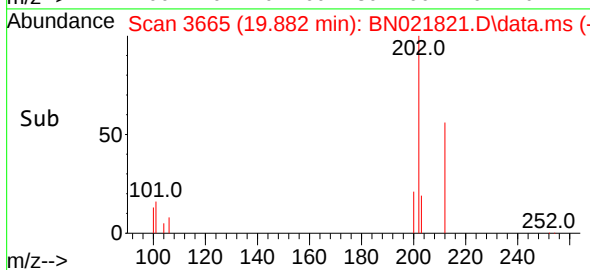
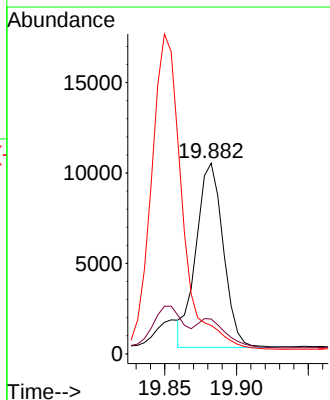
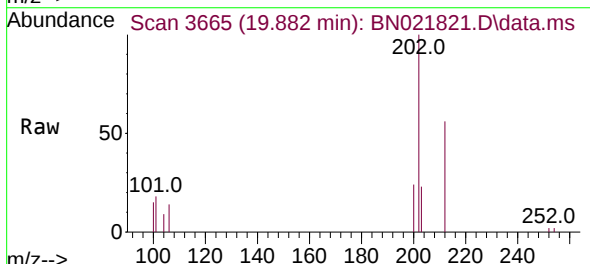
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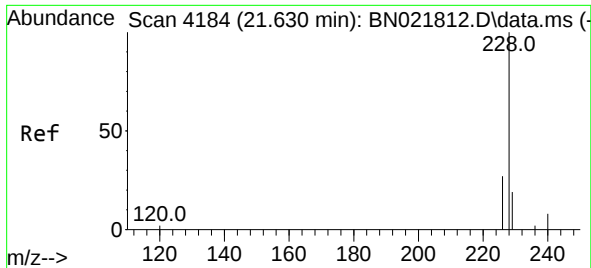
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022



#20
Pyrene
Concen: 0.209 ng/ul m
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021821.D
Acq: 20 Sep 2022 02:21

Tgt Ion:202 Resp: 13437
Ion Ratio Lower Upper
202 100
101 18.3 11.3 16.9#
100 14.9 9.0 13.4#





#21

Benzo(a)anthracene

Concen: 0.020 ng/ul

RT: 21.632 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN021821.D

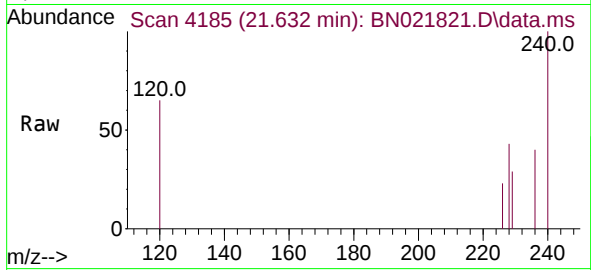
Acq: 20 Sep 2022 02:21

Instrument :

BNA_N

ClientSampleId :

CB8H9



Tgt Ion:228 Resp: 953

Ion Ratio Lower Upper

228 100

229 66.2 16.0 24.0

226 53.0 21.9 32.9

Manual Integrations

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Supervised By :mohammad ahmed 09/21/2022

