Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
Data File : BN021834.D
Acq On : 20 Sep 2022 11:52
Operator : CG/JU
Sample : N4595-08DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB8H9DL

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

Quant Time: Sep 21 04:26:28 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	5302	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	17777	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.707	164	10003	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	19876	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.647	240	11926	0.400	ng/ul	# 0.00
23) Perylene-d12	24.152	264	9430	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	5000	0.767	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	1899	0.067	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	4024	0.091	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.401	88	3751	0.561	ng/ul	91
5) Naphthalene	10.927	128	4283	0.085	ng/ul	97
8) 1-Methylnaphthalene	12.758	142	2214	0.066	ng/ul	99
10) Acenaphthylene	14.425	152	1657	0.039	ng/ul#	72
11) Acenaphthene	14.768	153	159958	4.494	ng/ul	99
12) Fluorene	15.753	166	85547	2.143	ng/ul	99
15) Phenanthrene	17.498	178	63949	1.020	ng/ul	99
16) Anthracene	17.586	178	4692	0.090	ng/ul#	92
19) Fluoranthene	19.515	202	4805	0.086	ng/ul#	92
20) Pyrene	19.878	202	3817m	0.070	ng/ul	

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

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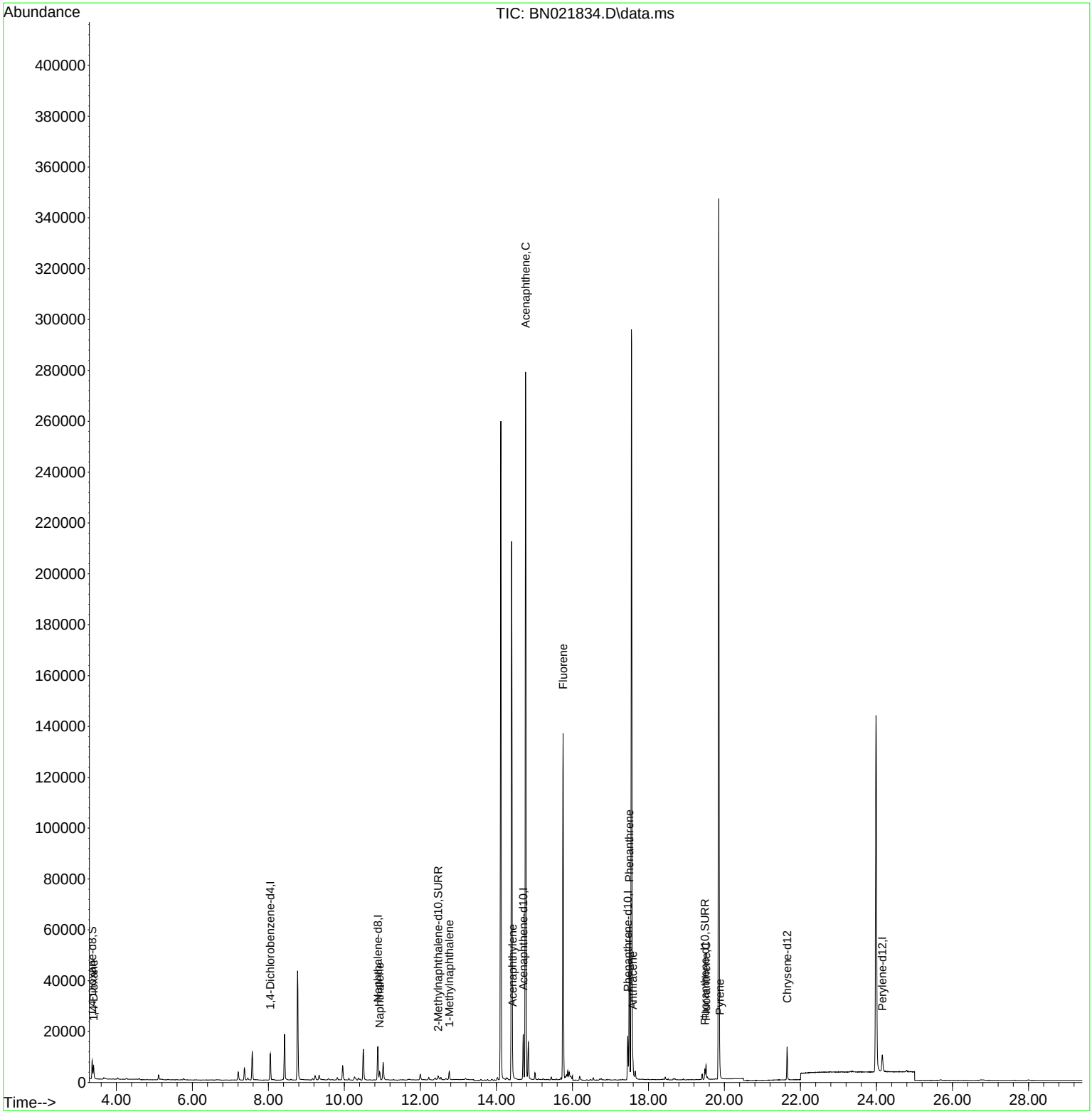
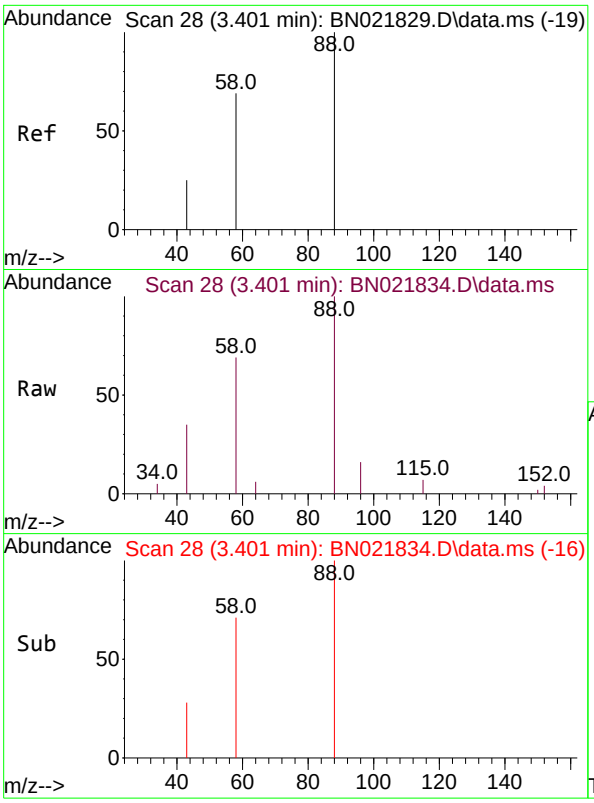
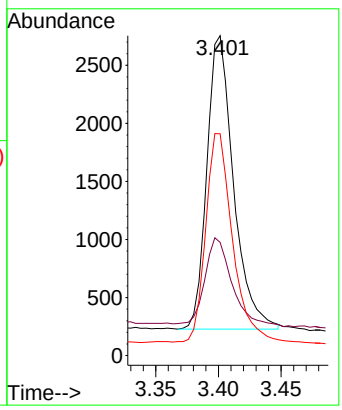




#2
1,4-Dioxane
Concen: 0.561 ng/ul
RT: 3.401 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021834.D
Acq: 20 Sep 2022 11:52

Tgt Ion: 88 Resp: 375

Ion	Ratio	Lower	Upper
88	100		
43	35.4	31.4	47.0
58	69.3	49.0	73.6



Instrument :
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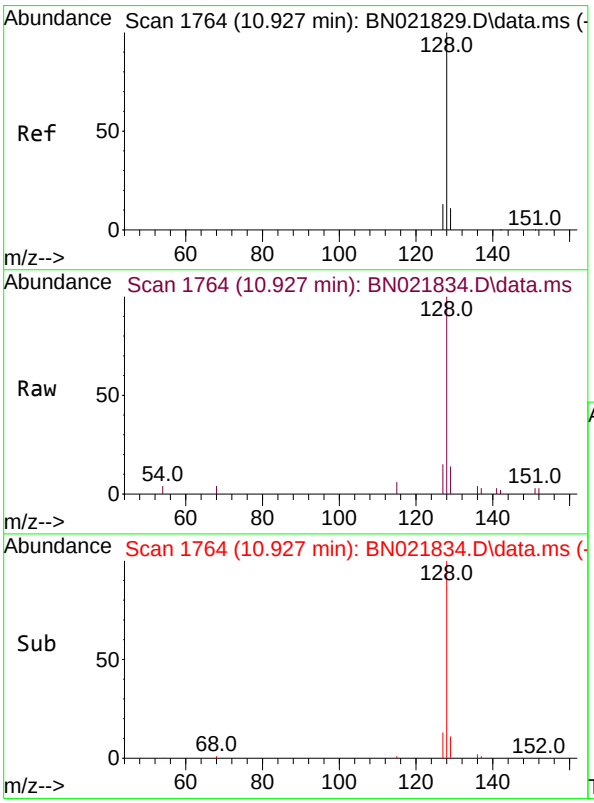
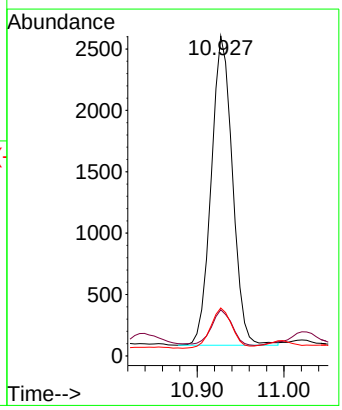
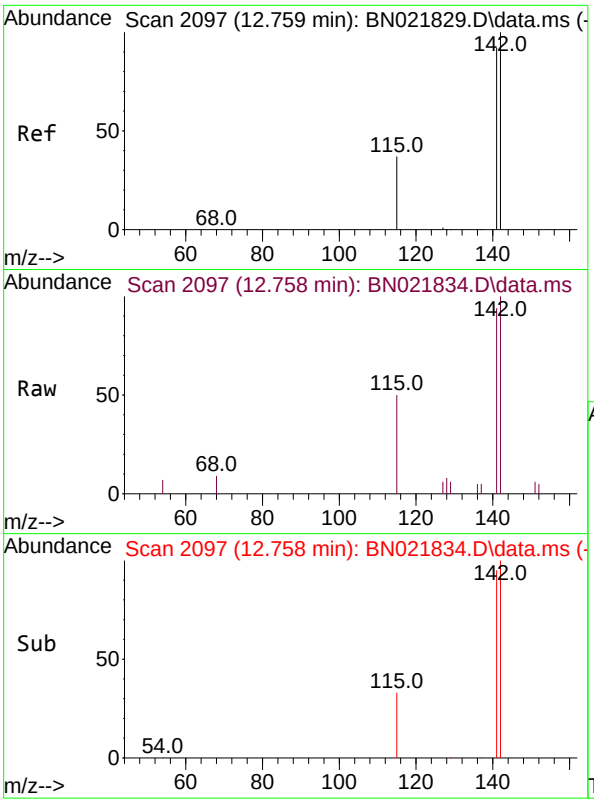


#5
Naphthalene
Concen: 0.085 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BN021834.D
Acq: 20 Sep 2022 11:52

Tgt Ion:128 Resp: 4283

Ion	Ratio	Lower	Upper
128	100		
129	14.4	9.8	14.6
127	15.0	11.6	17.4





#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.758 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN021834.D
Acq: 20 Sep 2022 11:52

Tgt Ion:142 Resp: 2214

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.9	110.9

Instrument :
BNA_N
ClientSampleId :
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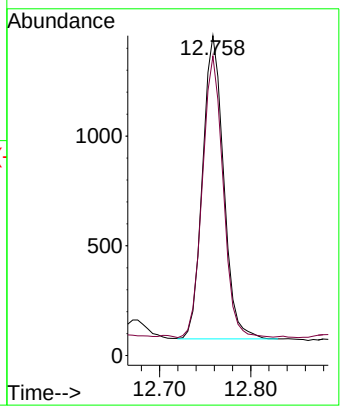
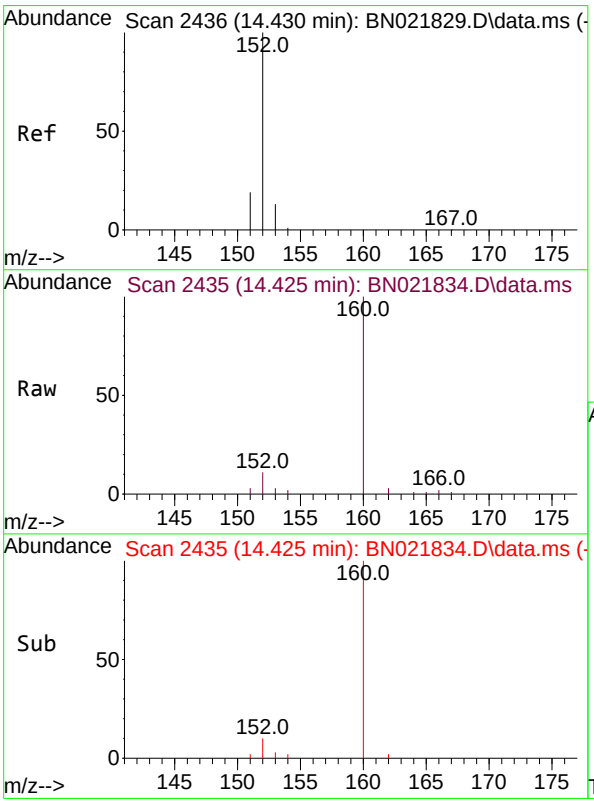
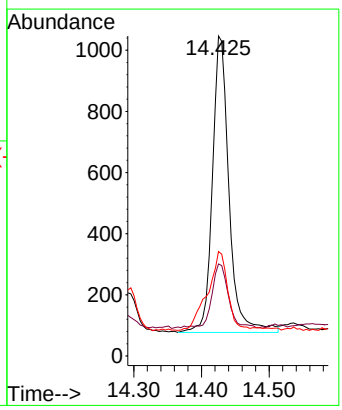


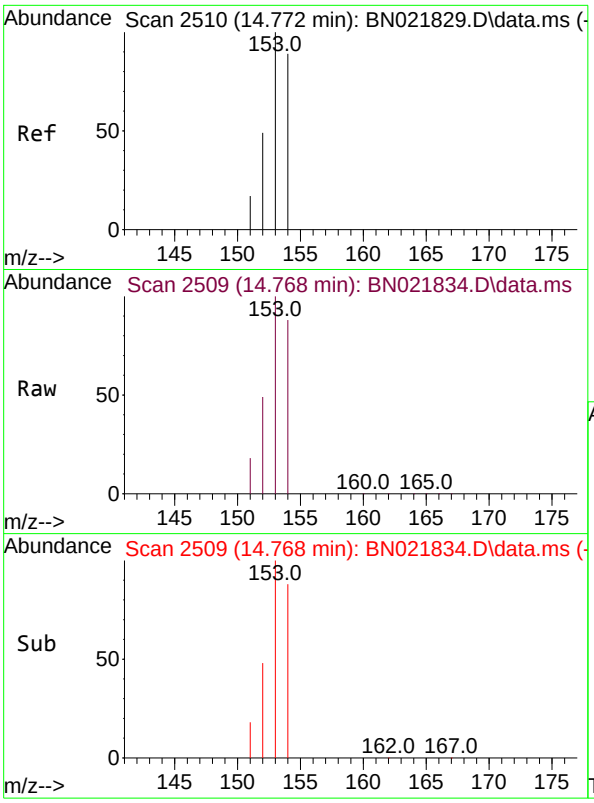


#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 14.425 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN021834.D
Acq: 20 Sep 2022 11:52

Tgt Ion:152 Resp: 1657

Ion	Ratio	Lower	Upper
152	100		
151	28.7	16.9	25.3#
153	32.7	11.2	16.8#

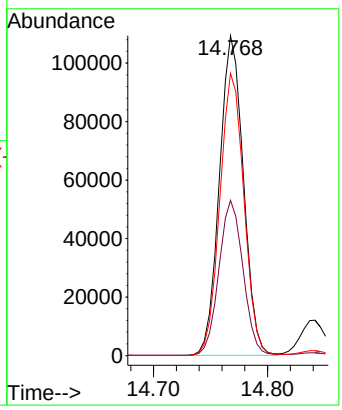




#11
Acenaphthene
Concen: 4.494 ng/ul
RT: 14.768 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN021834.D
Acq: 20 Sep 2022 11:52

Tgt Ion:153 Resp: 15995

Ion	Ratio	Lower	Upper
153	100		
152	48.5	40.2	60.4
154	88.2	70.7	106.1



Instrument :
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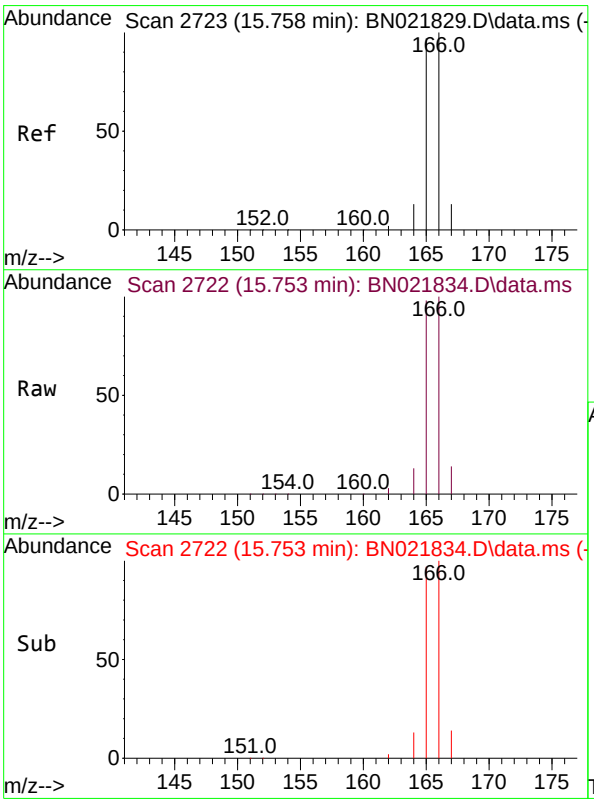
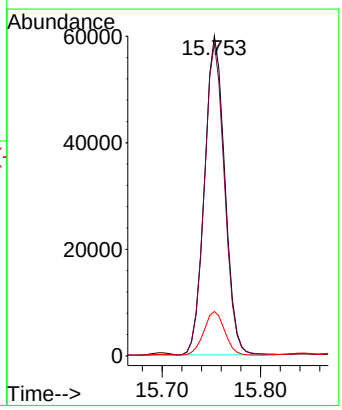
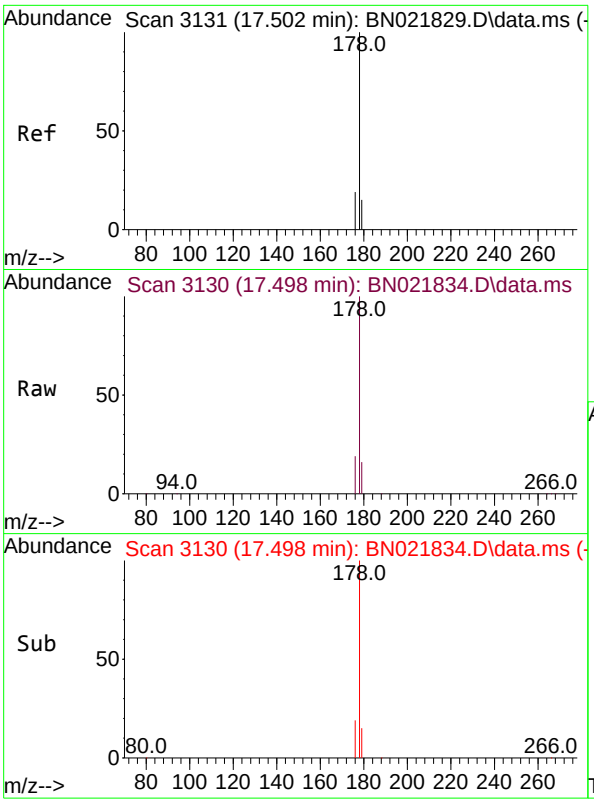


#12
Fluorene
Concen: 2.143 ng/ul
RT: 15.753 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BN021834.D
Acq: 20 Sep 2022 11:52

Tgt Ion:166 Resp: 85547

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	117.8
167	13.9	11.8	17.6

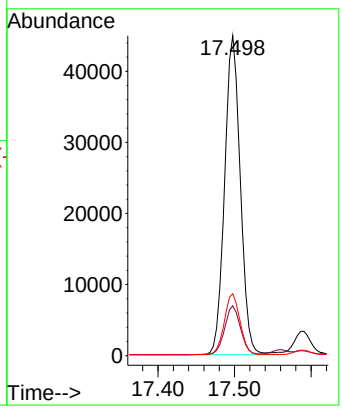




#15
Phenanthrene
Concen: 1.020 ng/ul
RT: 17.498 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021834.D
Acq: 20 Sep 2022 11:52

Tgt Ion:178 Resp: 6394

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.3	15.9	23.9



Instrument :
BNA_N
ClientSampleId :
CB8H9DL

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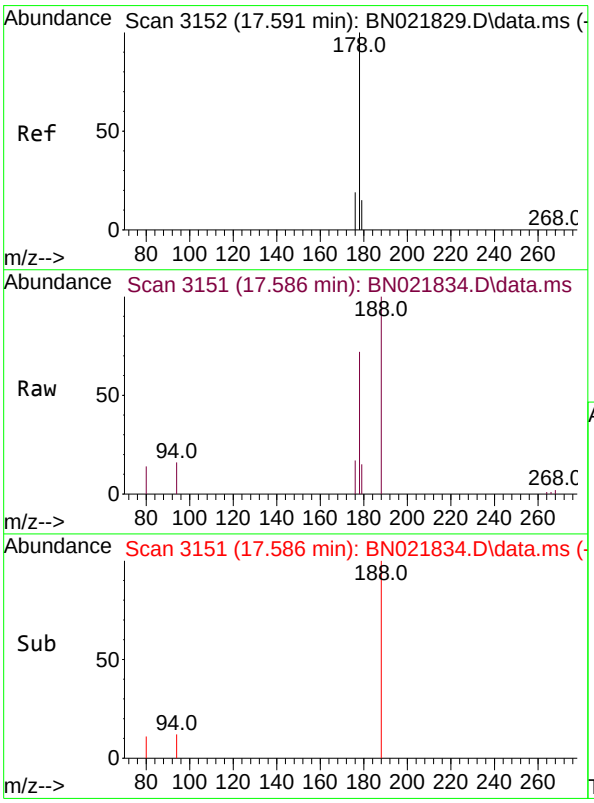
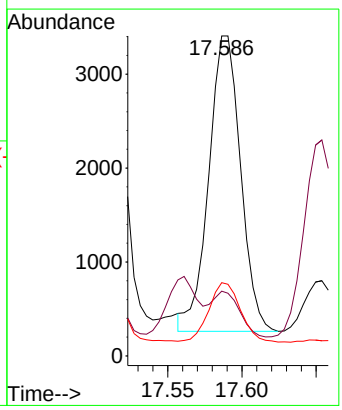
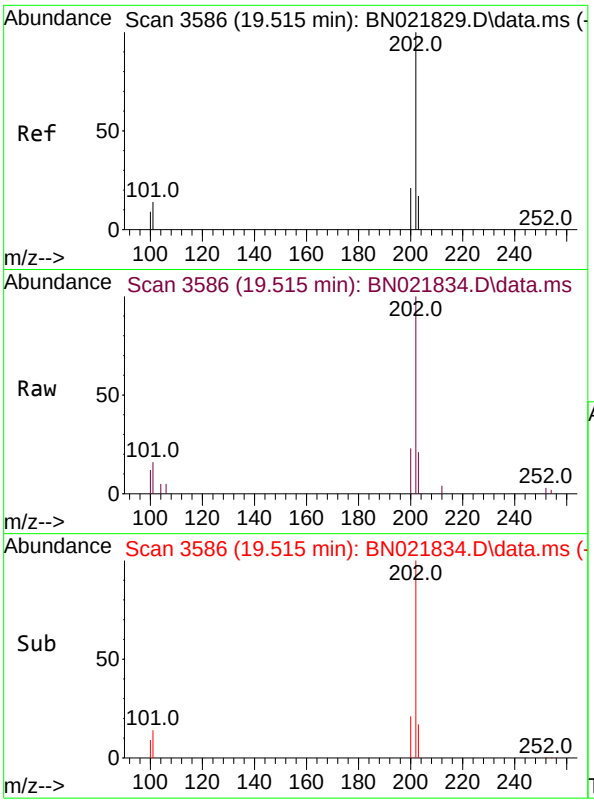


#16
Anthracene
Concen: 0.090 ng/ul
RT: 17.586 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BN021834.D
Acq: 20 Sep 2022 11:52

Tgt Ion:178 Resp: 4692

Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.9	19.3#
176	22.9	15.9	23.9





#19
Fluoranthene
Concen: 0.086 ng/ul
RT: 19.515 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN021834.D
Acq: 20 Sep 2022 11:52

Tgt Ion:202 Resp: 480

Ion	Ratio	Lower	Upper
202	100		
101	16.4	10.0	15.0#
100	11.8	8.0	12.0

Instrument :
BNA_N
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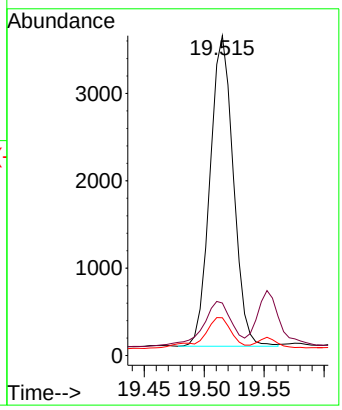

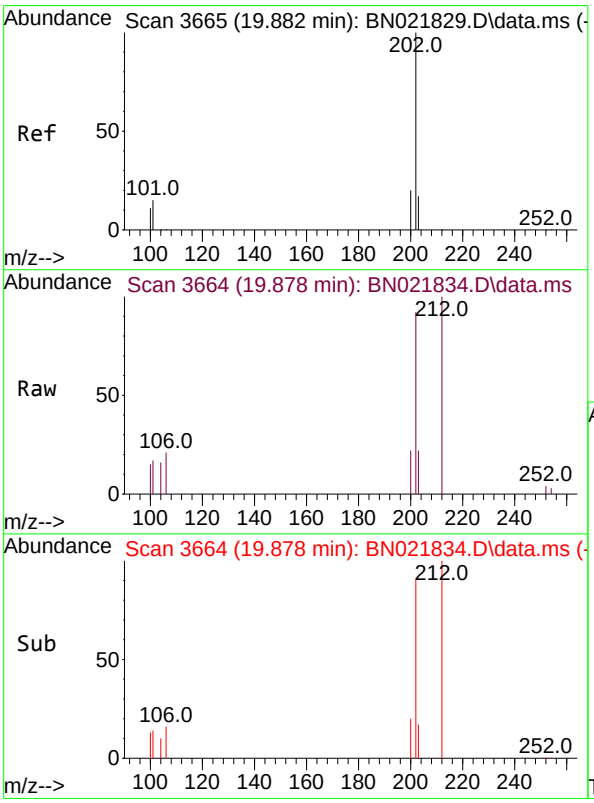

#20
Pyrene
Concen: 0.070 ng/ul m
RT: 19.878 min Scan# 3664
Delta R.T. -0.000 min
Lab File: BN021834.D
Acq: 20 Sep 2022 11:52

Tgt Ion:202 Resp: 3817

Ion	Ratio	Lower	Upper
202	100		
101	19.0	11.3	16.9#
100	16.5	9.0	13.4#