Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
Data File : BN021836.D
Acq On : 20 Sep 2022 13:07
Operator : CG/JU
Sample : N4595-08DL 5X
Misc :
ALS Vial : 42 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 04:49:23 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	4874	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	16281	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.708	164	9043	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.456	188	17185	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.650	240	10062	0.400	ng/ul	# 0.00
23) Perylene-d12	24.155	264	8193	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	2014	0.336	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	1561	0.061	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	3005	0.080	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.927	128	3560	0.078	ng/ul	97
8) 1-Methylnaphthalene	12.759	142	1811	0.059	ng/ul	97
10) Acenaphthylene	14.430	152	1326	0.035	ng/ul#	70
11) Acenaphthene	14.768	153	130901	4.068	ng/ul	99
12) Fluorene	15.753	166	68500	1.898	ng/ul	100
15) Phenanthrene	17.498	178	49528	0.914	ng/ul	99
16) Anthracene	17.591	178	3675	0.082	ng/ul#	92
19) Fluoranthene	19.515	202	3564	0.076	ng/ul#	90
20) Pyrene	19.878	202	2507m	0.054	ng/ul	

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

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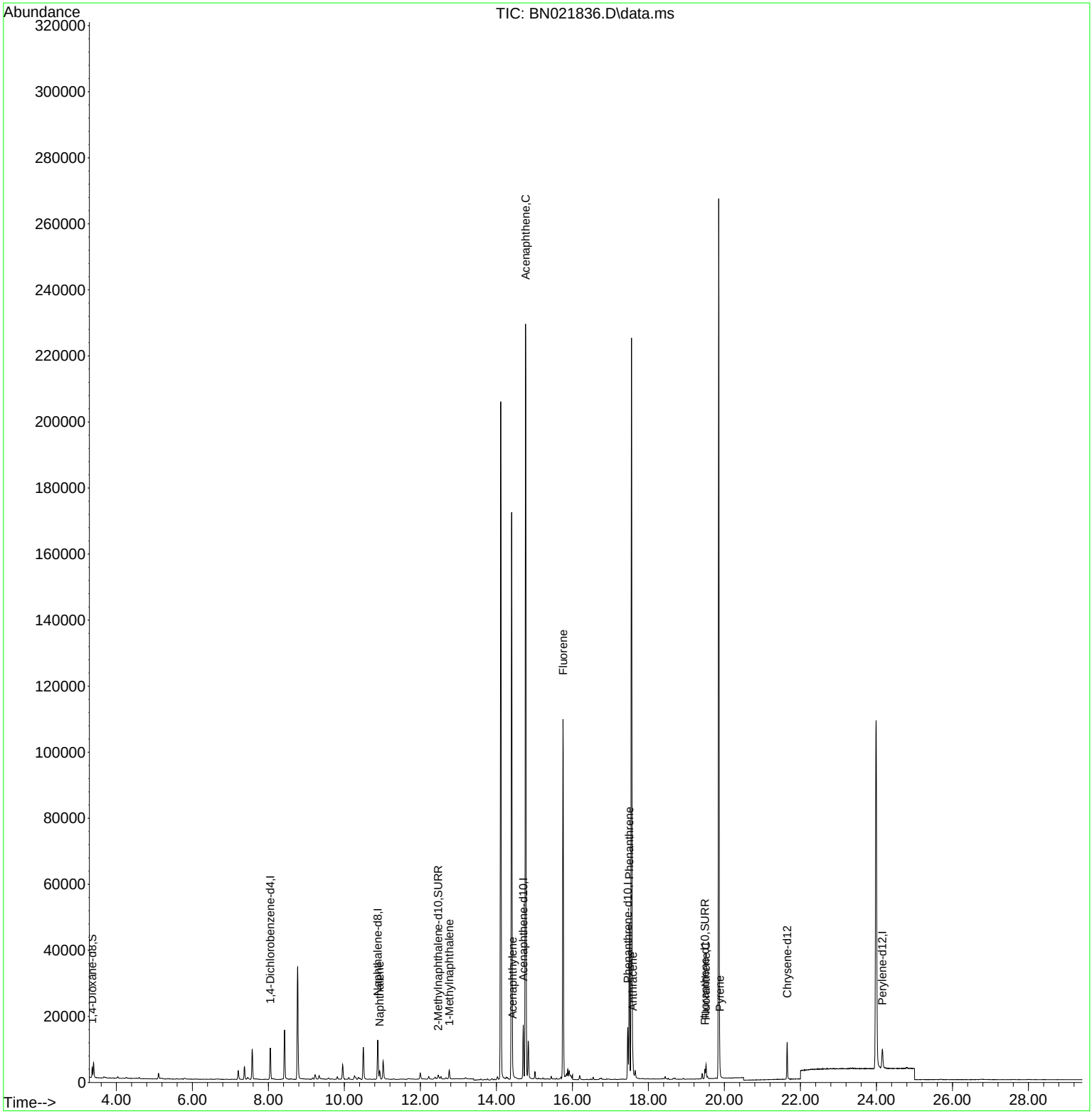
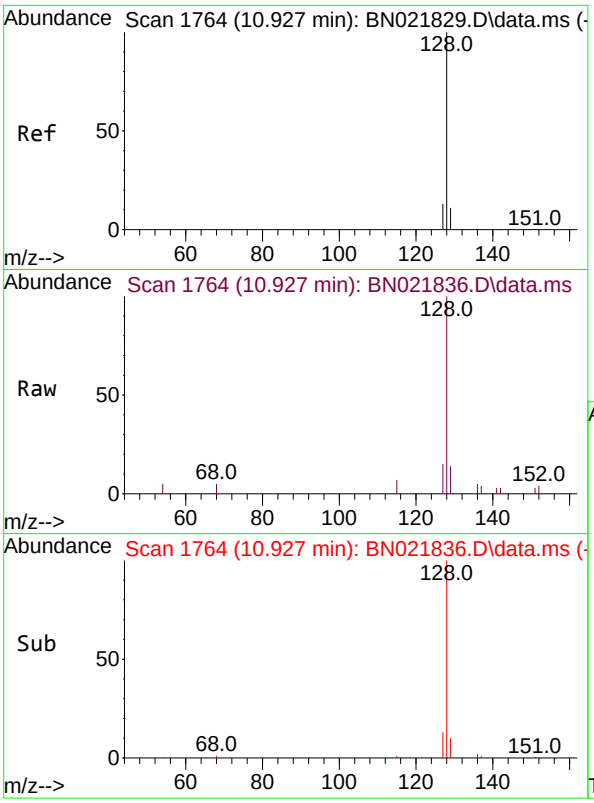
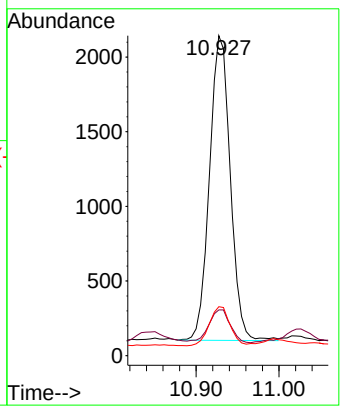




#5
Naphthalene
Concen: 0.078 ng/ul
RT: 10.927 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN021836.D
Acq: 20 Sep 2022 13:07

Tgt Ion:128 Resp: 356

Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.8	14.6
127	15.3	11.6	17.4



Instrument :
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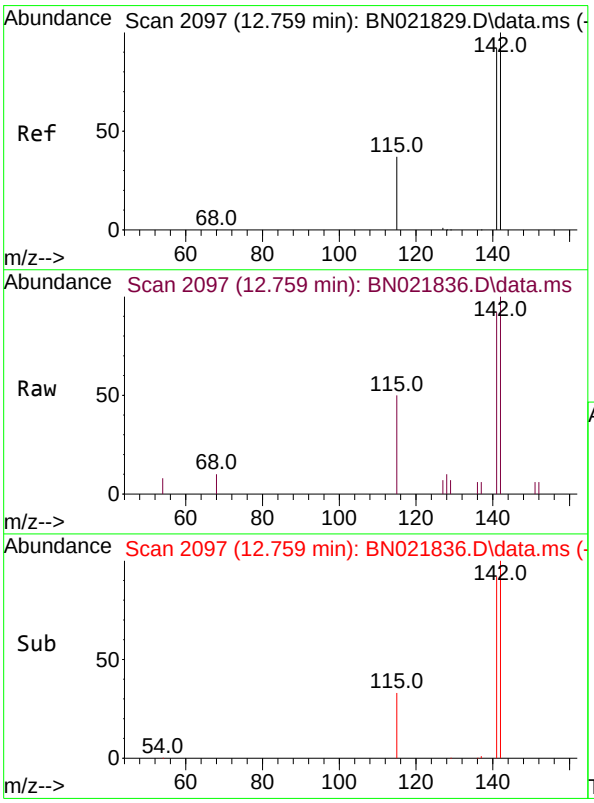
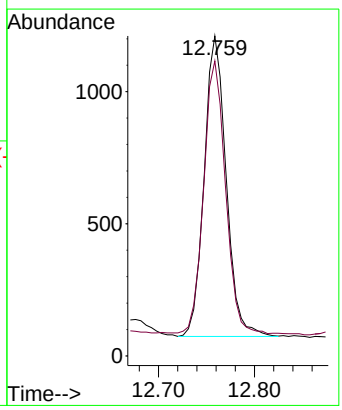
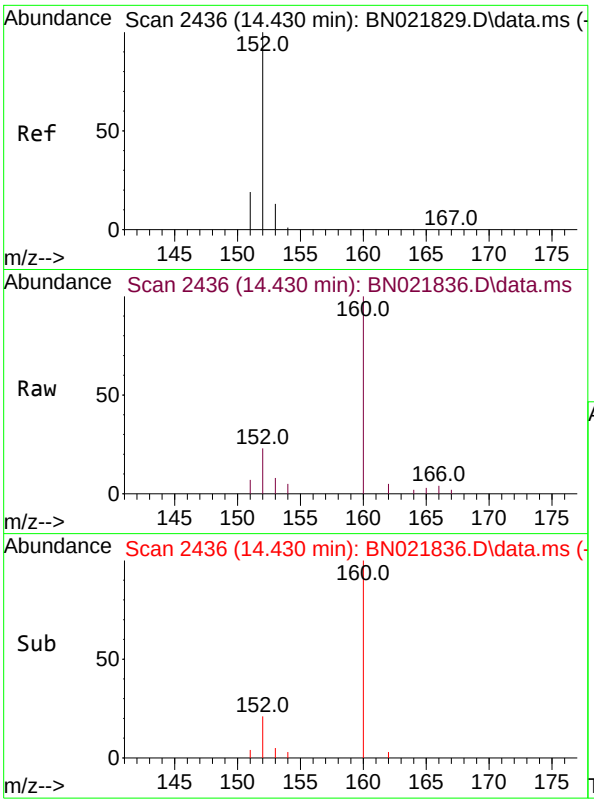


#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.759 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN021836.D
Acq: 20 Sep 2022 13:07

Tgt Ion:142 Resp: 1811

Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.9	110.9





#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.430 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021836.D
Acq: 20 Sep 2022 13:07

Tgt Ion:152 Resp: 132

Ion	Ratio	Lower	Upper
152	100		
151	30.1	16.9	25.3#
153	33.3	11.2	16.8#

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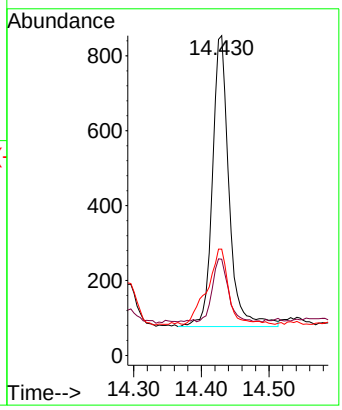
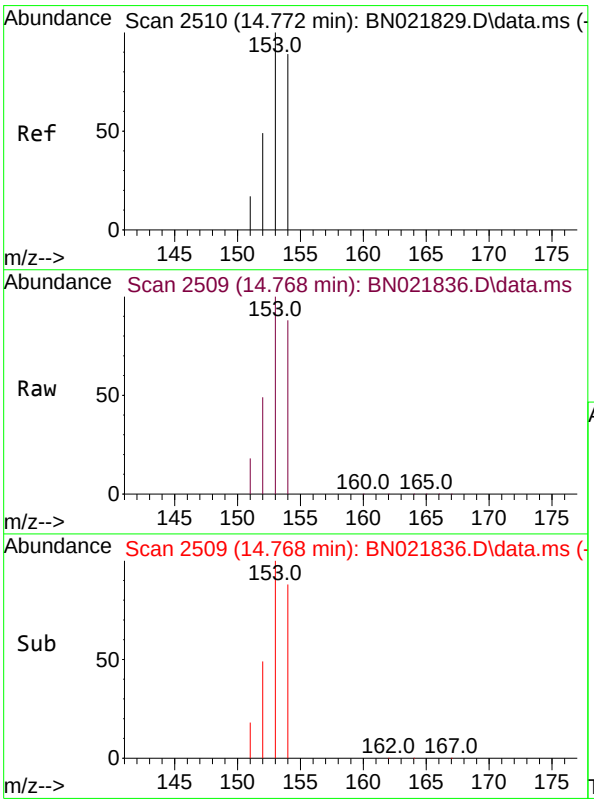
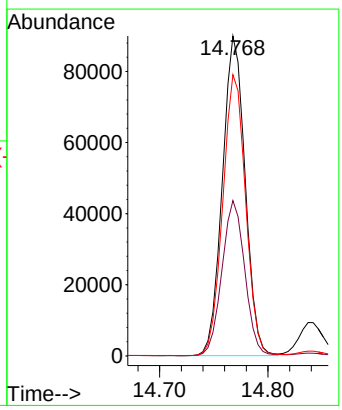


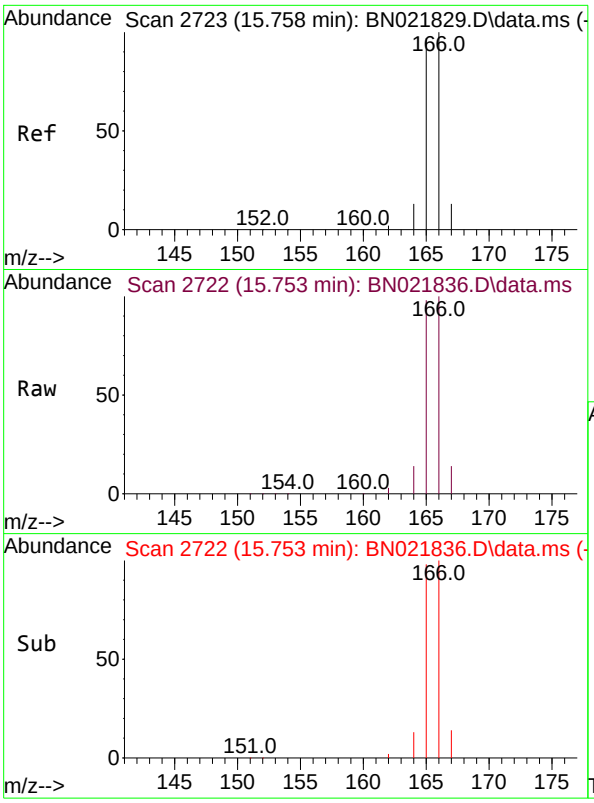


#11
Acenaphthene
Concen: 4.068 ng/ul
RT: 14.768 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021836.D
Acq: 20 Sep 2022 13:07

Tgt Ion:153 Resp: 130901

Ion	Ratio	Lower	Upper
153	100		
152	48.6	40.2	60.4
154	87.9	70.7	106.1

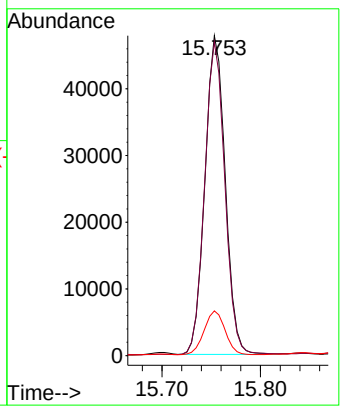




#12
Fluorene
Concen: 1.898 ng/ul
RT: 15.753 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN021836.D
Acq: 20 Sep 2022 13:07

Tgt Ion:166 Resp: 6850

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	14.0	11.8	17.6



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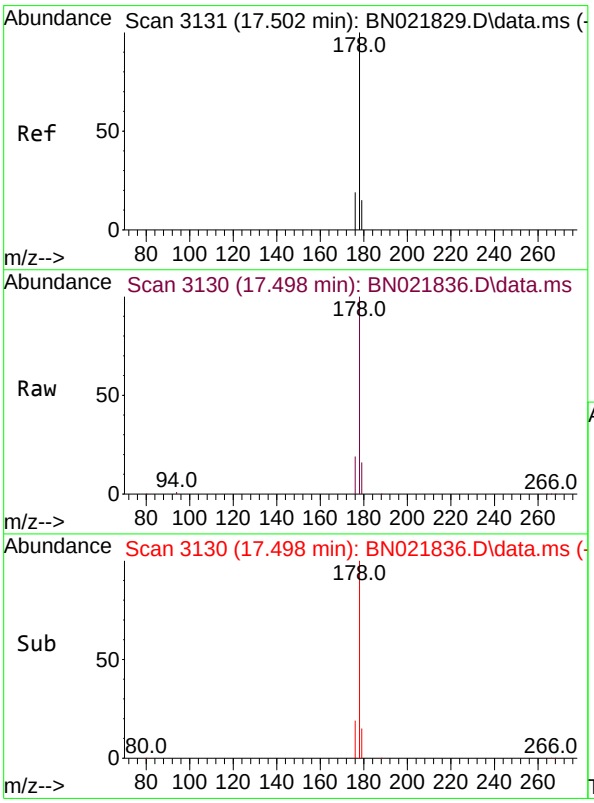
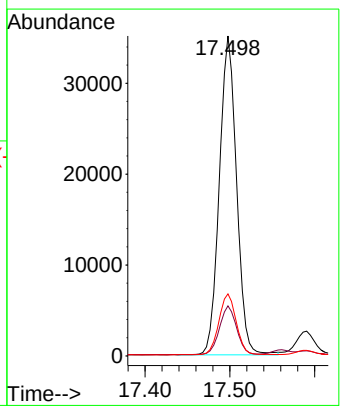
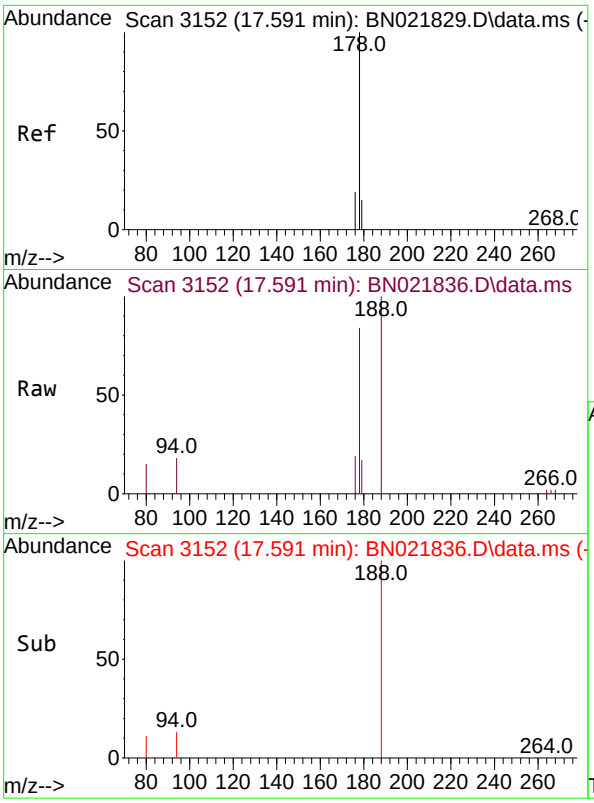


#15
Phenanthrene
Concen: 0.914 ng/ul
RT: 17.498 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN021836.D
Acq: 20 Sep 2022 13:07

Tgt Ion:178 Resp: 49528

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.4	15.9	23.9





#16
Anthracene
Concen: 0.082 ng/ul
RT: 17.591 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021836.D
Acq: 20 Sep 2022 13:07

Tgt Ion:178 Resp: 367

Ion	Ratio	Lower	Upper
178	100		
179	20.8	12.9	19.3#
176	22.6	15.9	23.9

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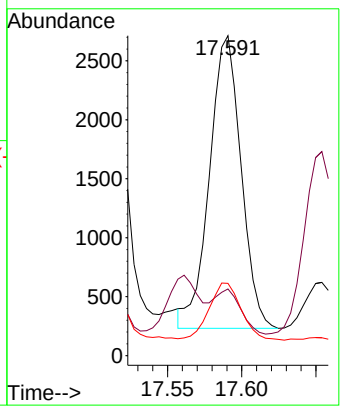
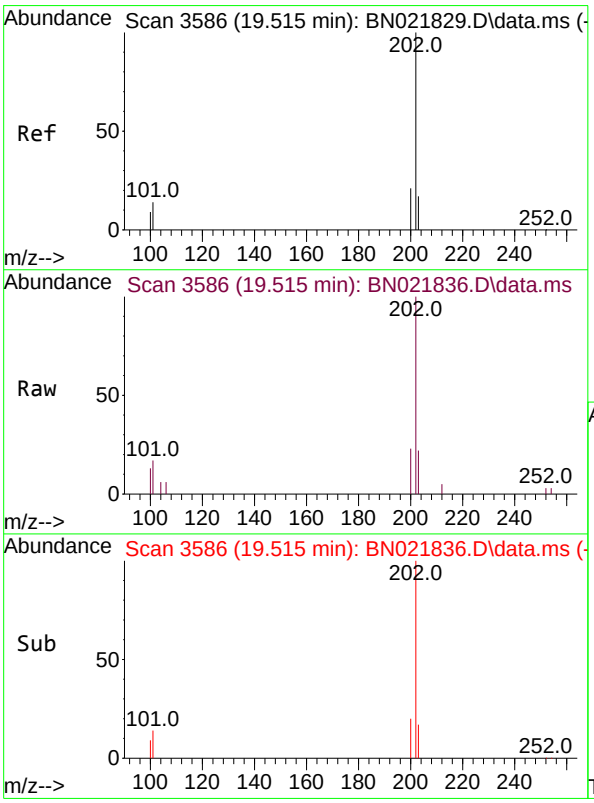
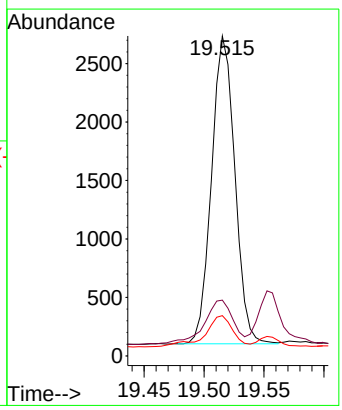


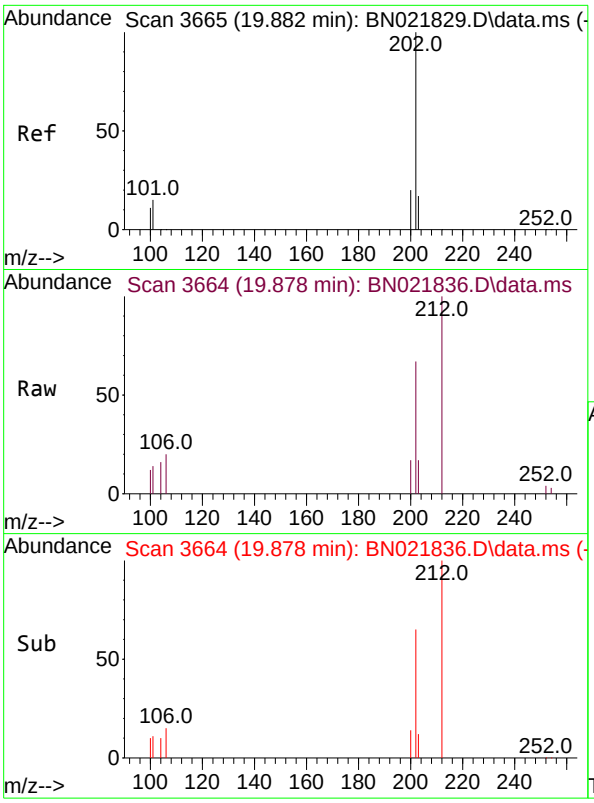


#19
Fluoranthene
Concen: 0.076 ng/ul
RT: 19.515 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BN021836.D
Acq: 20 Sep 2022 13:07

Tgt Ion:202 Resp: 3564

Ion	Ratio	Lower	Upper
202	100		
101	17.4	10.0	15.0#
100	12.6	8.0	12.0#

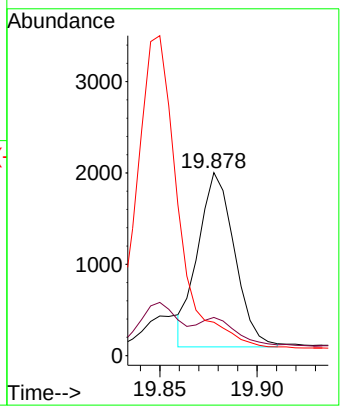




#20
Pyrene
Concen: 0.054 ng/ul m
RT: 19.878 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021836.D
Acq: 20 Sep 2022 13:07

Tgt Ion:202 Resp: 250

Ion	Ratio	Lower	Upper
202	100		
101	20.9	11.3	16.9#
100	18.2	9.0	13.4#



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