Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
Data File : BN018110.D
Acq On : 17 Dec 2021 21:21
Operator : CG/JU
Sample : M5037-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C00X6

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 18 02:18:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 17:47:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.662	152	19	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.442	136	190	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.308	164	792	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.053	188	769	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.269	240	551	0.400	ng/ul	# 0.00
23) Perylene-d12	23.502	264	11985m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	25133	1274.231	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.053	152	6497	29.342	ng/ul	-0.01
18) Fluoranthene-d10	19.091	212	19063	12.137	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.491	128	165	0.317	ng/ul#	12
7) 2-Methylnaphthalene	12.130	142	36	0.123	ng/ul	86
12) Fluorene	15.354	166	78	0.025	ng/ul#	75
15) Phenanthrene	17.095	178	495	0.186	ng/ul#	57
16) Anthracene	17.184	178	153	0.073	ng/ul#	3
19) Fluoranthene	19.123	202	564	0.254	ng/ul#	65
21) Benzo(a)anthracene	21.254	228	362	0.221	ng/ul#	61
22) Chrysene	21.301	228	430	0.183	ng/ul#	69
26) Benzo(a)pyrene	23.379	252	5949	0.129	ng/ul	92

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

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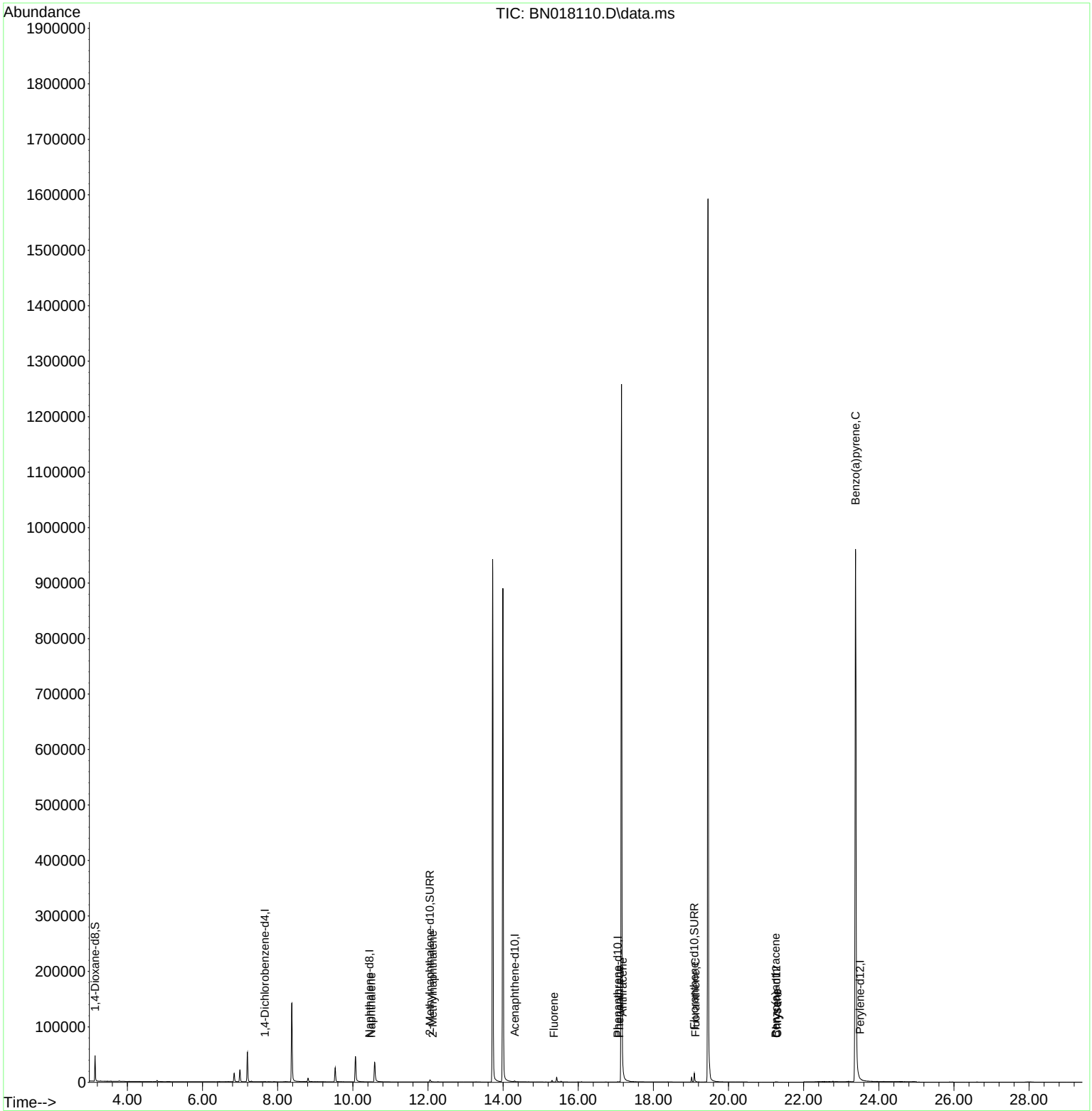
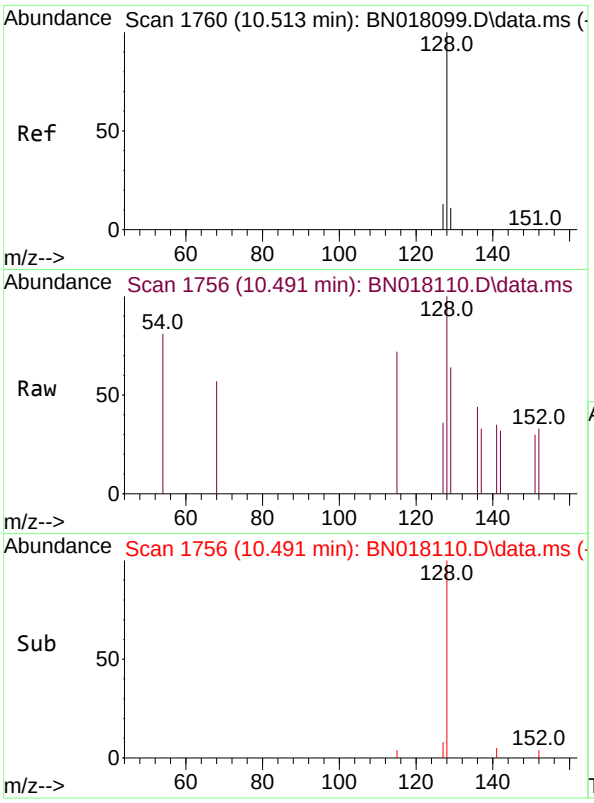
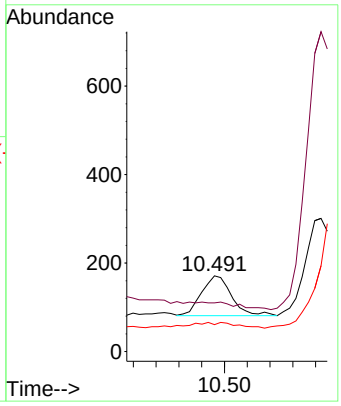




#5
Naphthalene
Concen: 0.317 ng/ul
RT: 10.491 min Scan# 1
Delta R.T. -0.018 min
Lab File: BN018110.D
Acq: 17 Dec 2021 21:21

Tgt Ion:128 Resp: 16

Ion	Ratio	Lower	Upper
128	100		
129	64.3	10.4	15.6#
127	35.7	11.8	17.6#



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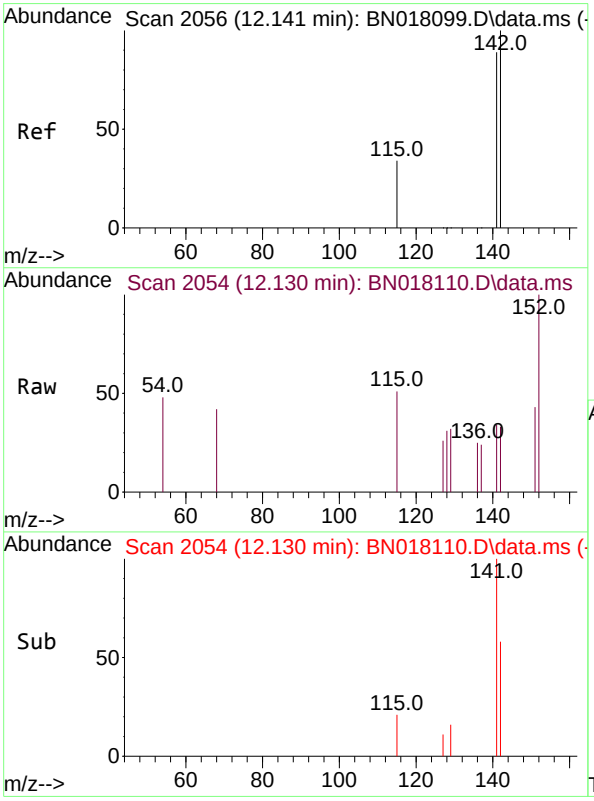
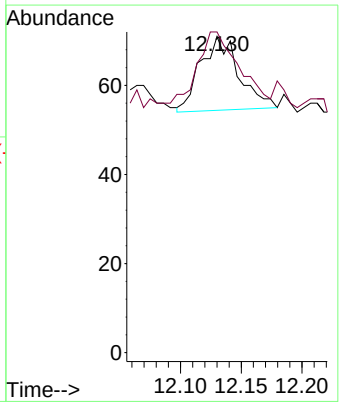
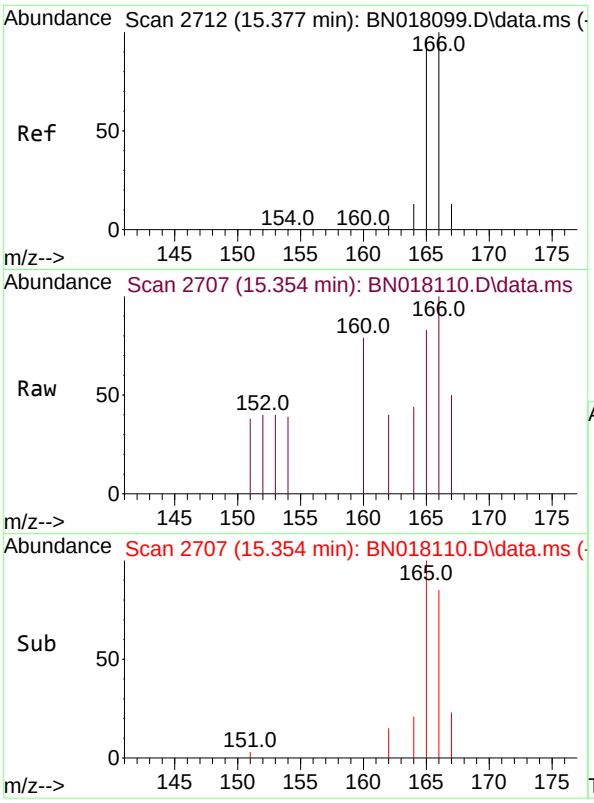


#7
2-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.007 min
Lab File: BN018110.D
Acq: 17 Dec 2021 21:21

Tgt Ion:142 Resp: 36

Ion	Ratio	Lower	Upper
142	100		
141	102.8	71.5	107.3

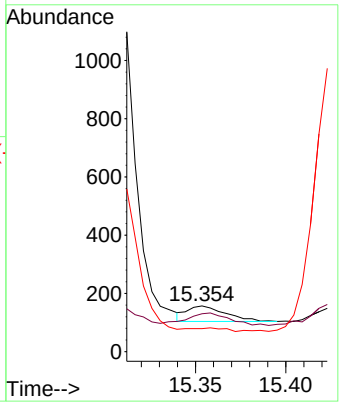




#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.354 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN018110.D
Acq: 17 Dec 2021 21:21

Tgt Ion:166 Resp: 7

Ion	Ratio	Lower	Upper
166	100		
165	82.8	79.2	118.8
167	50.3	11.2	16.8#



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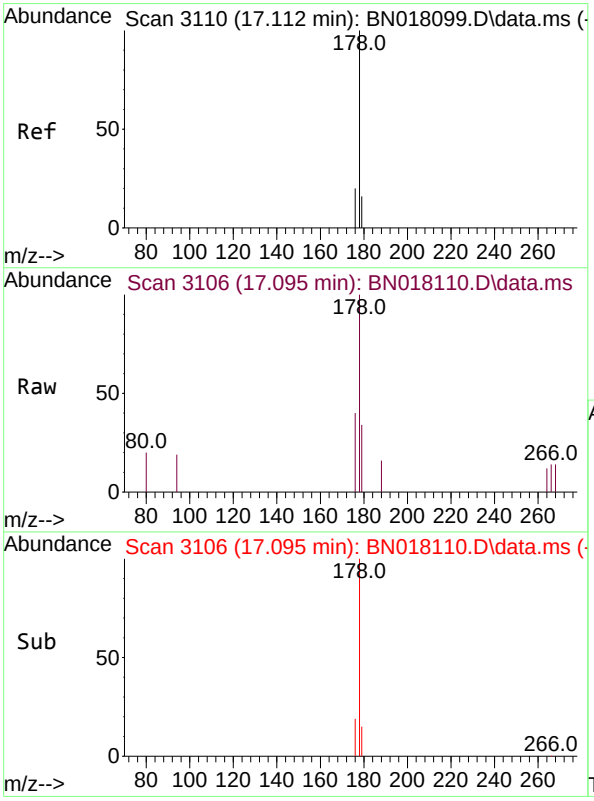
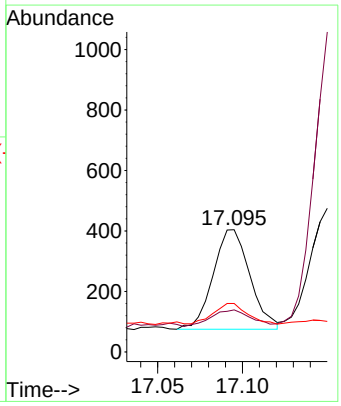
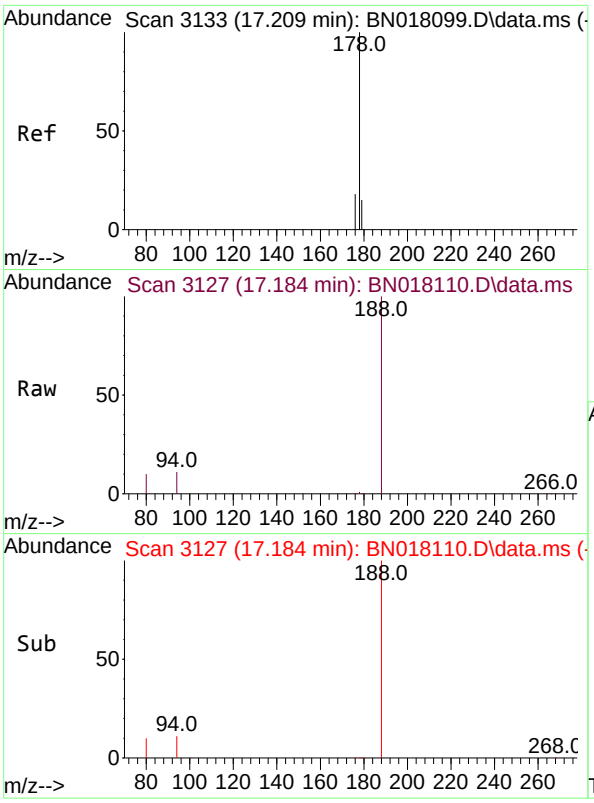


#15
Phenanthrene
Concen: 0.186 ng/ul
RT: 17.095 min Scan# 3106
Delta R.T. -0.014 min
Lab File: BN018110.D
Acq: 17 Dec 2021 21:21

Tgt Ion:178 Resp: 495

Ion	Ratio	Lower	Upper
178	100		
179	34.4	13.0	19.4#
176	39.6	15.6	23.4#





#16
Anthracene
Concen: 0.073 ng/ul
RT: 17.184 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN018110.D
Acq: 17 Dec 2021 21:21

Tgt Ion:178 Resp: 15

Ion	Ratio	Lower	Upper
178	100		
179	69.1	13.3	19.9#
176	53.0	15.1	22.7#

Instrument :
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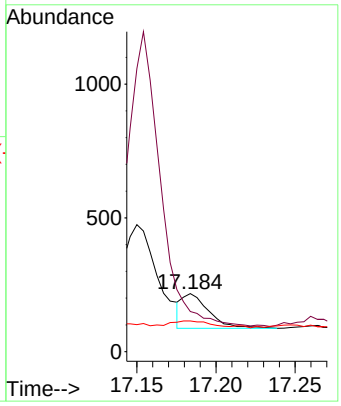
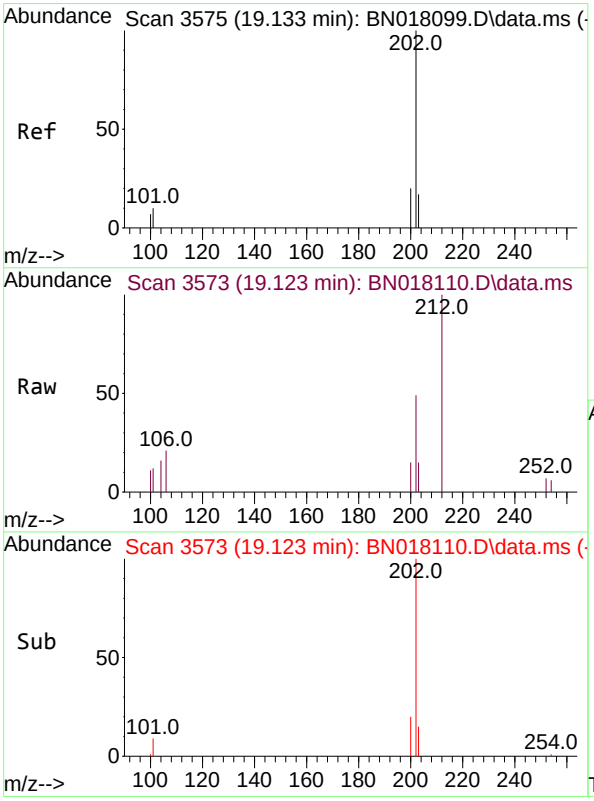
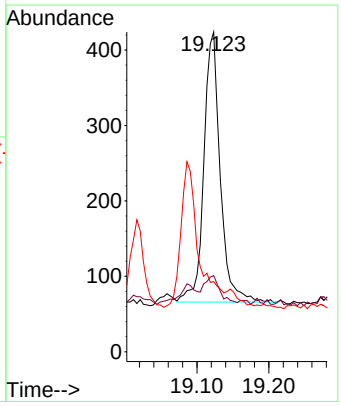


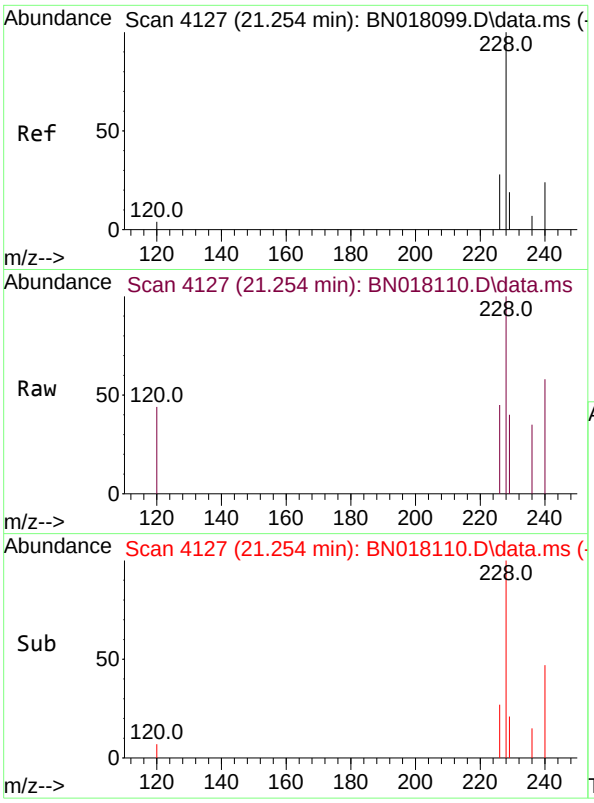


#19
Fluoranthene
Concen: 0.254 ng/ul
RT: 19.123 min Scan# 3573
Delta R.T. -0.006 min
Lab File: BN018110.D
Acq: 17 Dec 2021 21:21

Tgt Ion:202 Resp: 564

Ion	Ratio	Lower	Upper
202	100		
101	23.8	9.0	13.4#
100	21.9	6.8	10.2#

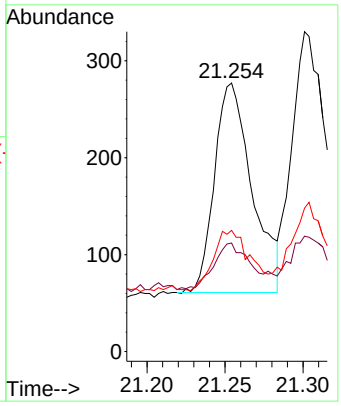




#21
Benzo(a)anthracene
Concen: 0.221 ng/ul
RT: 21.254 min Scan# 4
Delta R.T. 0.004 min
Lab File: BN018110.D
Acq: 17 Dec 2021 21:21

Tgt Ion:228 Resp: 36

Ion	Ratio	Lower	Upper
228	100		
229	40.4	15.8	23.6#
226	45.1	21.8	32.8#



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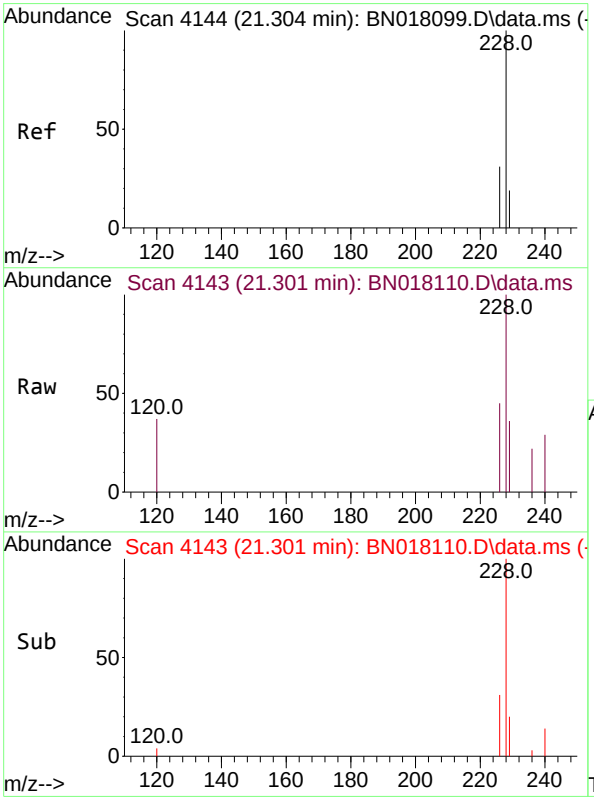
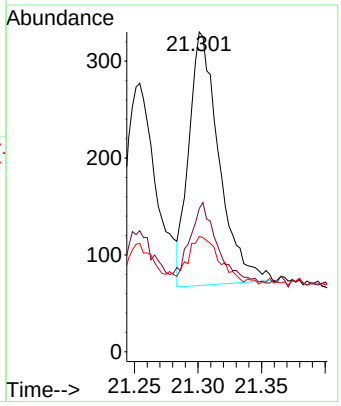
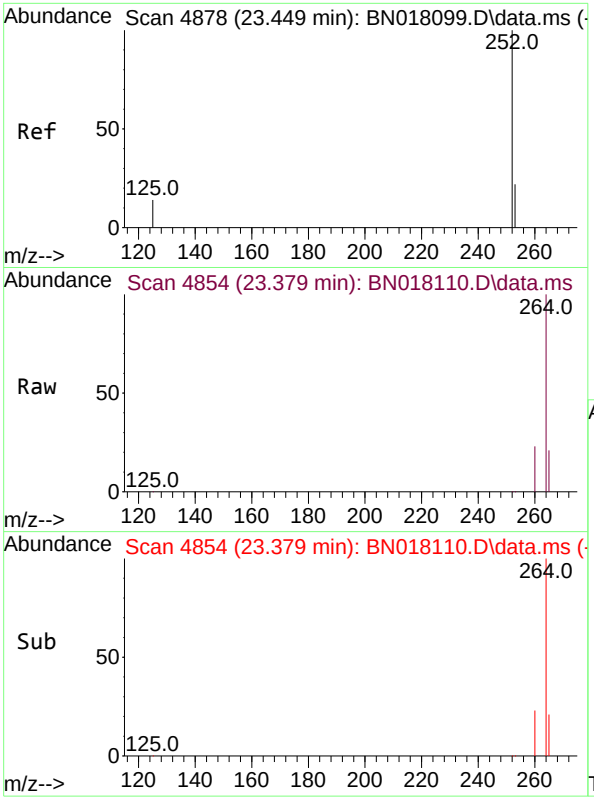


#22
Chrysene
Concen: 0.183 ng/ul
RT: 21.301 min Scan# 4143
Delta R.T. 0.001 min
Lab File: BN018110.D
Acq: 17 Dec 2021 21:21

Tgt Ion:228 Resp: 430

Ion	Ratio	Lower	Upper
228	100		
226	44.8	23.9	35.9#
229	36.1	15.7	23.5#

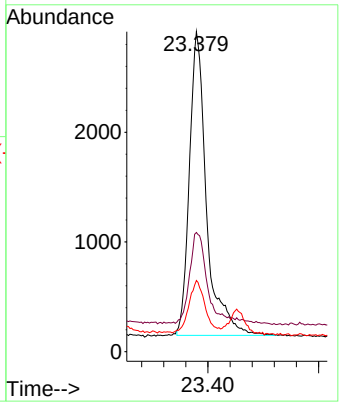




#26
Benzo(a)pyrene
Concen: 0.129 ng/ul
RT: 23.379 min Scan# 4
Delta R.T. -0.060 min
Lab File: BN018110.D
Acq: 17 Dec 2021 21:21

Tgt Ion:252 Resp: 594

Ion	Ratio	Lower	Upper
252	100		
253	37.2	25.0	37.4
125	22.2	19.3	28.9



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