Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015536.D
Acq On : 13 Jul 2021 19:41
Operator : CG/JU
Sample : M2869-08DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDX6DL

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Quant Time: Jul 14 05:10:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 05:03:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	2930	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	10525	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	5652	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	11137	0.400	ng/ul	0.00
17) Chrysene-d12	21.387	240	9425	0.400	ng/ul	0.00
23) Perylene-d12	23.740	264	9150	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	5386	1.631	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	1895	0.115	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	3751	0.121	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.644	128	1301	0.039	ng/ul#	87
11) Acenaphthene	14.506	153	16409	0.733	ng/ul	98
12) Fluorene	15.492	166	747	0.030	ng/ul#	95
15) Phenanthrene	17.234	178	2840	0.070	ng/ul	94
16) Anthracene	17.322	178	3486	0.098	ng/ul	96
19) Fluoranthene	19.257	202	2552	0.059	ng/ul#	93
20) Pyrene	19.620	202	2149m	0.049	ng/ul	
21) Benzo(a)anthracene	21.372	228	1902	0.054	ng/ul#	75
22) Chrysene	21.422	228	1678	0.040	ng/ul#	89
24) Benzo(b)fluoranthene	23.029	252	1070m	0.025	ng/ul	

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

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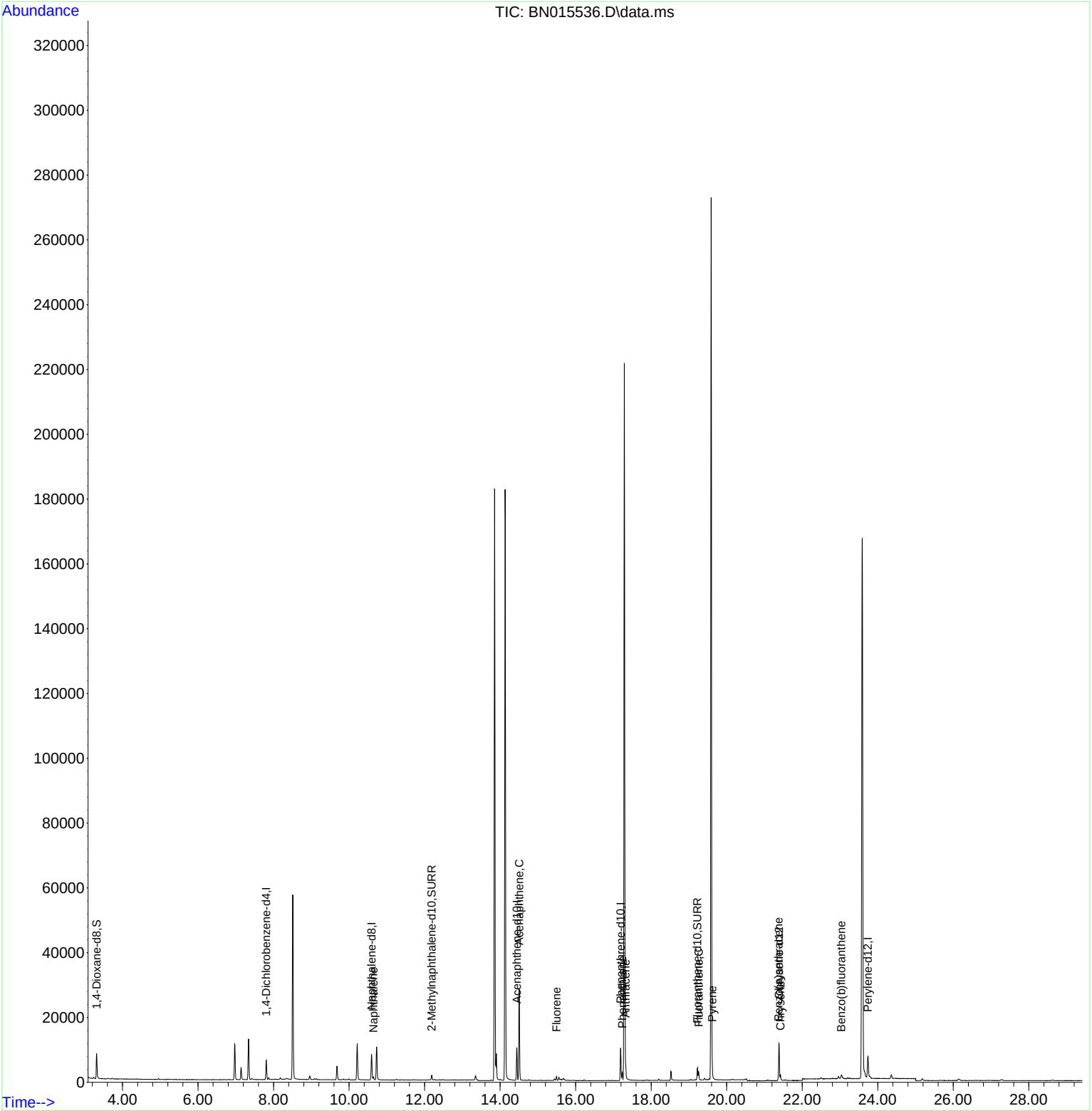

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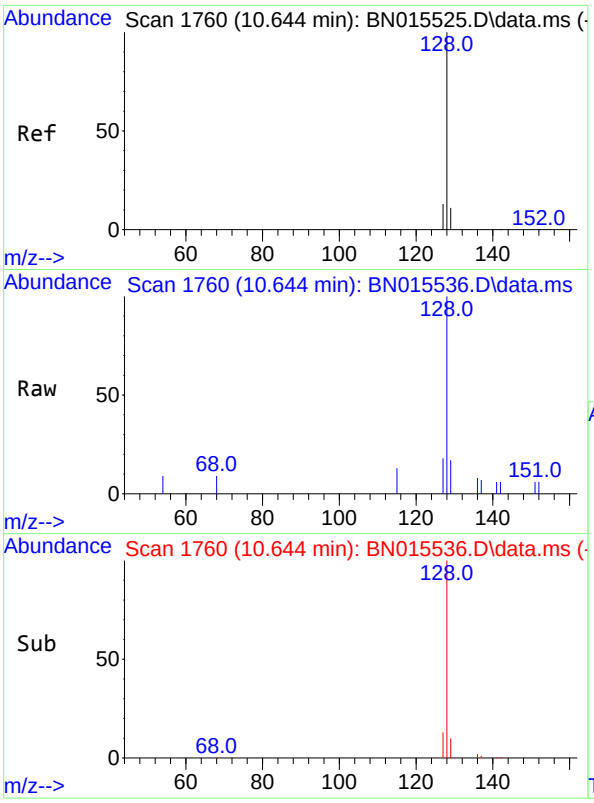
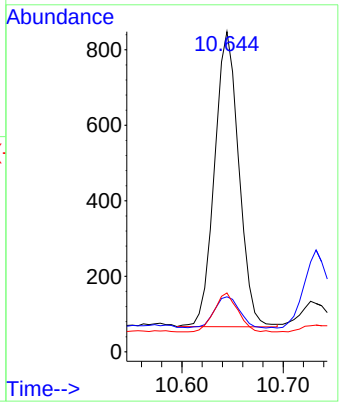
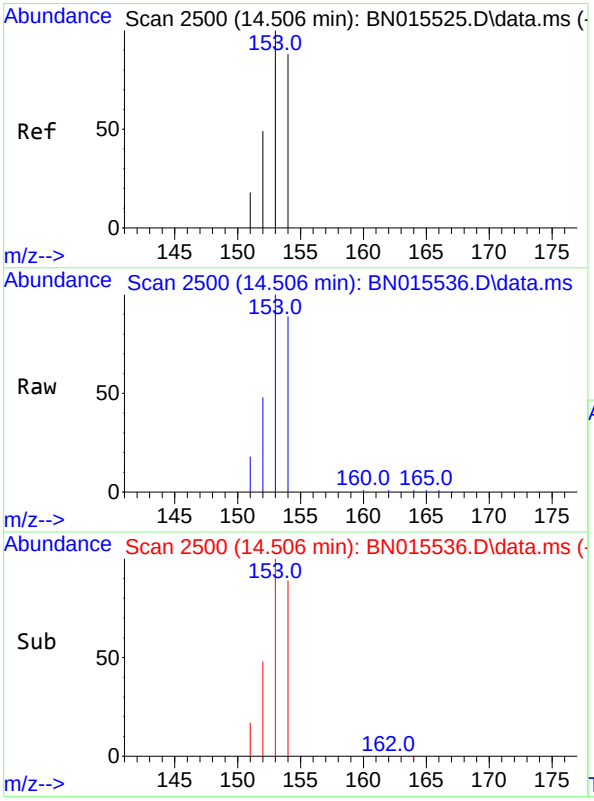


#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015536.D
Acq: 13 Jul 2021 19:41

Tgt Ion:128 Resp: 1301

Ion	Ratio	Lower	Upper
128	100		
129	17.2	9.3	13.9#
127	18.4	10.8	16.2#

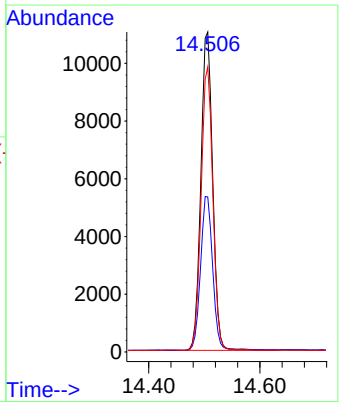


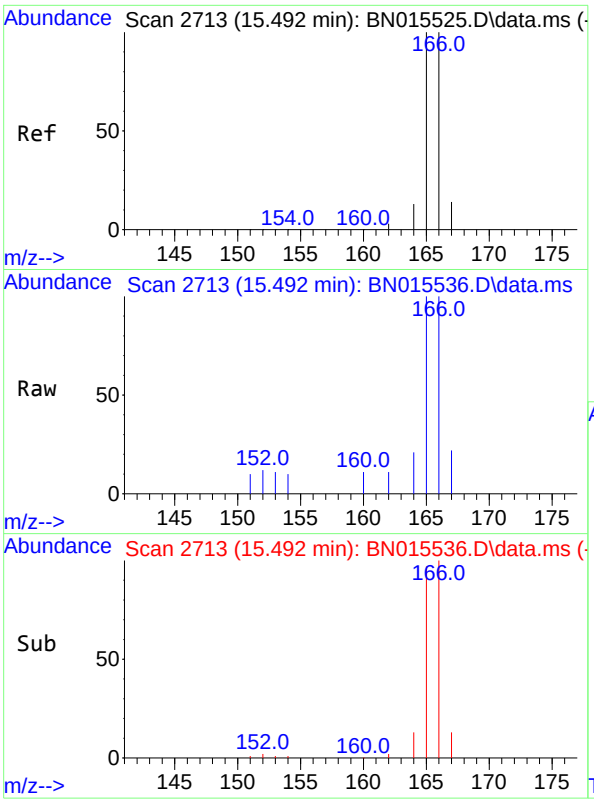


#11
Acenaphthene
Concen: 0.733 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN015536.D
Acq: 13 Jul 2021 19:41

Tgt Ion:153 Resp: 16409

Ion	Ratio	Lower	Upper
153	100		
152	48.5	39.8	59.6
154	89.1	69.8	104.8

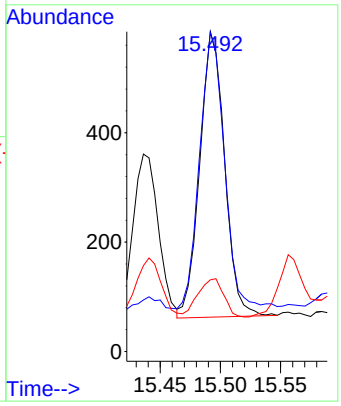




#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.492 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015536.D
Acq: 13 Jul 2021 19:41

Tgt Ion:166 Resp: 747

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.8
167	22.4	11.2	16.8#



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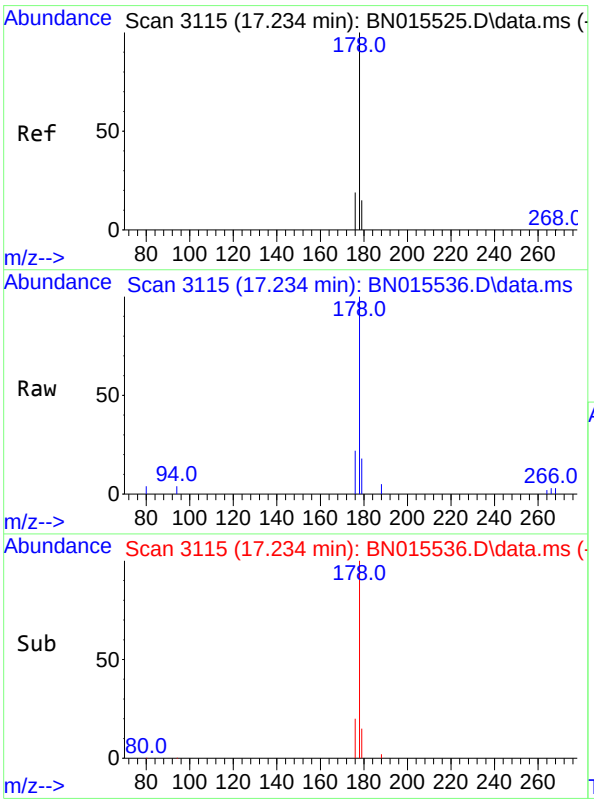
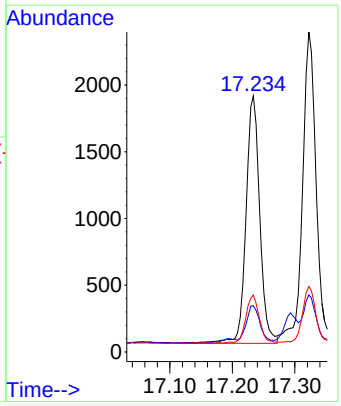
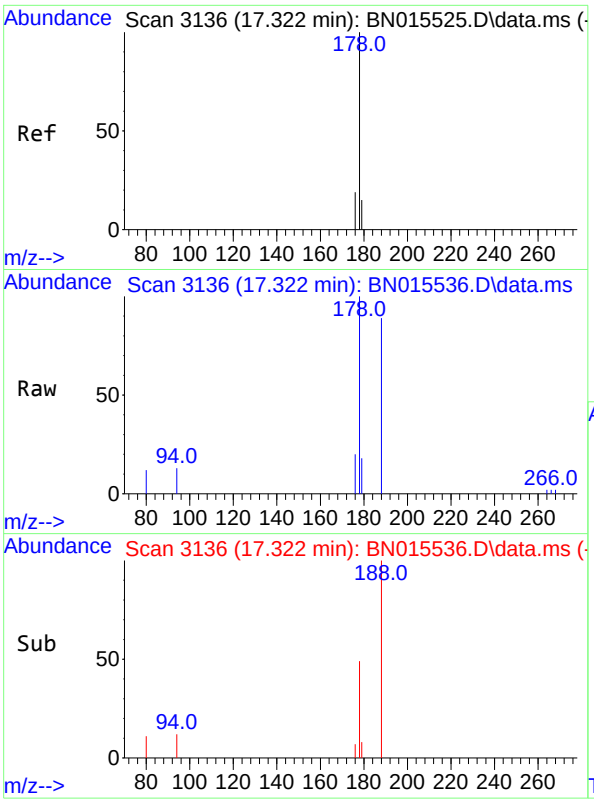


#15
Phenanthrene
Concen: 0.070 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015536.D
Acq: 13 Jul 2021 19:41

Tgt Ion:178 Resp: 2840

Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.3	18.5
176	22.2	15.5	23.3

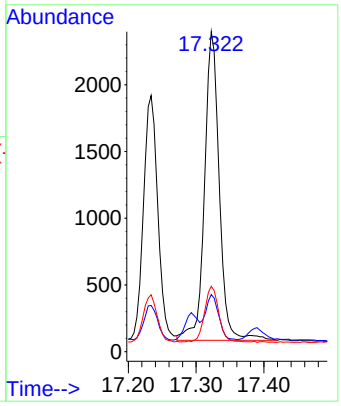




#16
Anthracene
Concen: 0.098 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN015536.D
Acq: 13 Jul 2021 19:41

Tgt Ion:178 Resp: 3486

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.8	19.2
176	20.4	15.2	22.8



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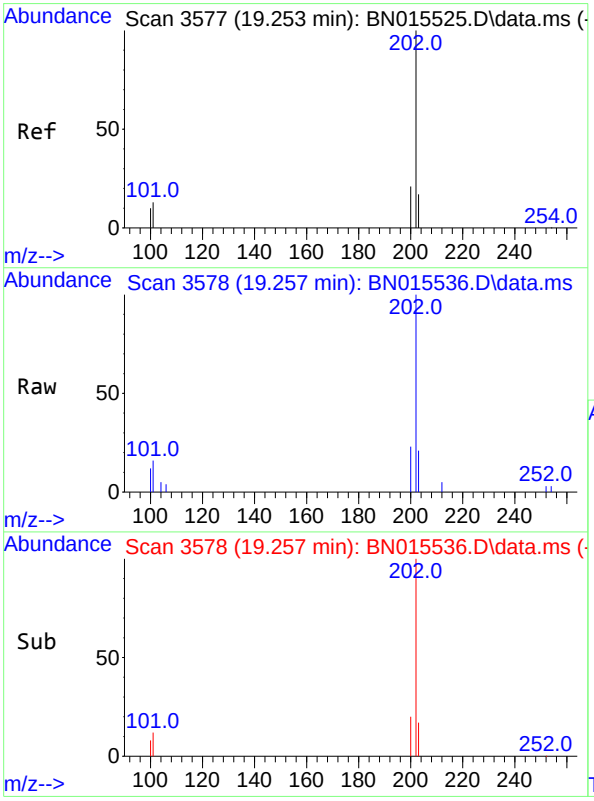
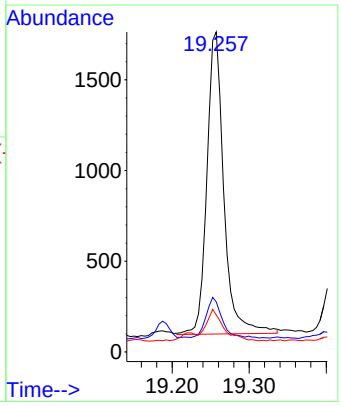


#19
Fluoranthene
Concen: 0.059 ng/ul
RT: 19.257 min Scan# 3578
Delta R.T. -0.000 min
Lab File: BN015536.D
Acq: 13 Jul 2021 19:41

Tgt Ion:202 Resp: 2552

Ion	Ratio	Lower	Upper
202	100		
101	15.6	10.1	15.1#
100	11.6	7.4	11.0#



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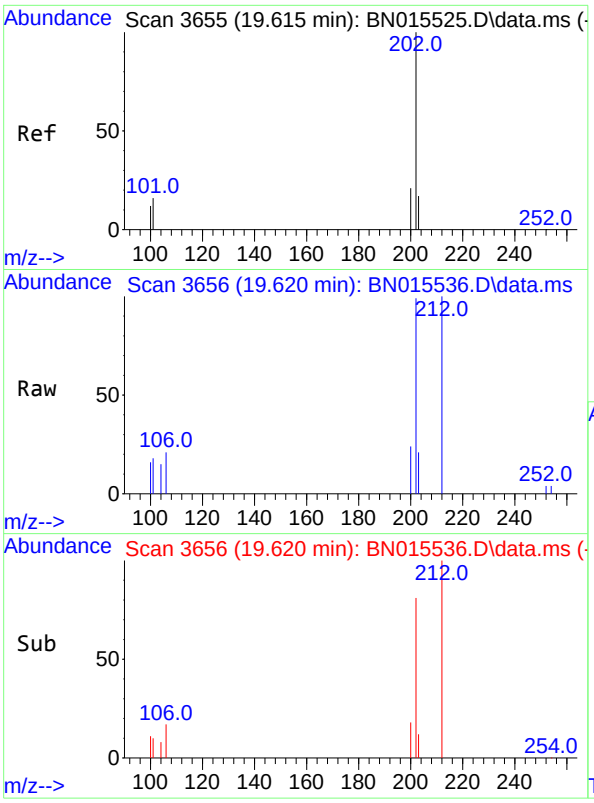
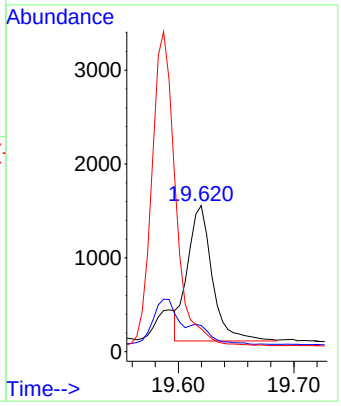
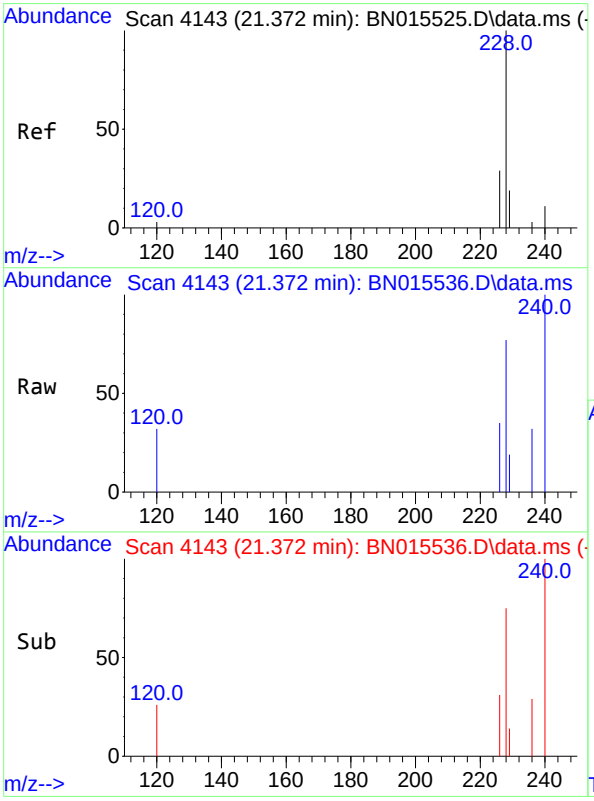


#20
Pyrene
Concen: 0.049 ng/ul m
RT: 19.620 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN015536.D
Acq: 13 Jul 2021 19:41

Tgt Ion:202 Resp: 2149

Ion	Ratio	Lower	Upper
202	100		
101	17.8	12.0	18.0
100	15.7	9.6	14.4#

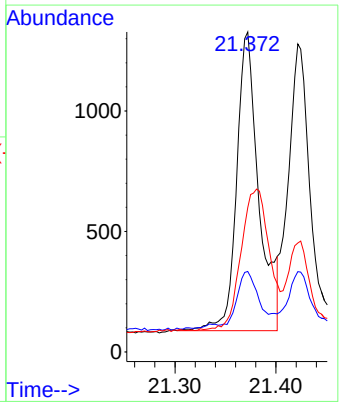


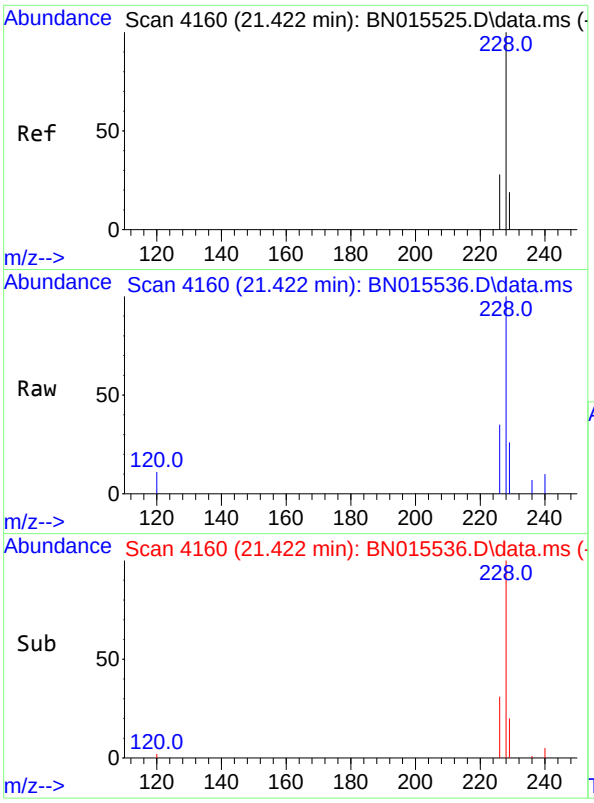


#21
Benzo(a)anthracene
Concen: 0.054 ng/ul
RT: 21.372 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BN015536.D
Acq: 13 Jul 2021 19:41

Tgt Ion:228 Resp: 1902

Ion	Ratio	Lower	Upper
228	100		
229	25.2	15.8	23.8#
226	45.1	21.8	32.8#

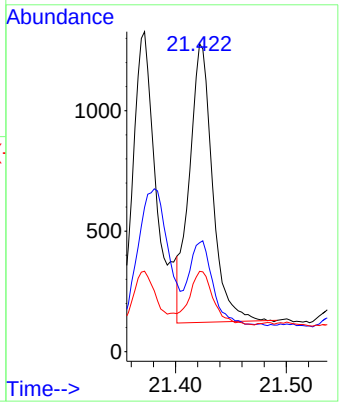




#22
Chrysene
Concen: 0.040 ng/ul
RT: 21.422 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BN015536.D
Acq: 13 Jul 2021 19:41

Tgt Ion:228 Resp: 1678

Ion	Ratio	Lower	Upper
228	100		
226	35.4	24.6	37.0
229	26.1	15.7	23.5#



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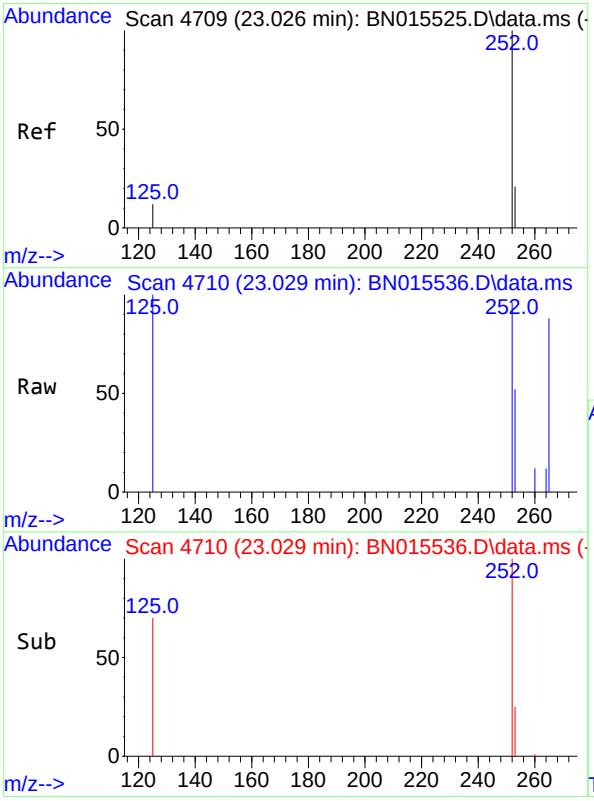

#24
Benzo(b)fluoranthene
Concen: 0.025 ng/ul m
RT: 23.029 min Scan# 4710
Delta R.T. -0.000 min
Lab File: BN015536.D
Acq: 13 Jul 2021 19:41

Tgt Ion:252 Resp: 1070

Ion	Ratio	Lower	Upper
252	100		
253	53.9	0.0	45.6#
125	104.4	0.0	28.4#