Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015543.D
Acq On : 14 Jul 2021 00:31
Operator : CG/JU
Sample : M2869-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDY8

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Quant Time: Jul 14 05:30:07 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 05:24:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	2936	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	10373	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	5468	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	10723	0.400	ng/ul	0.00
17) Chrysene-d12	21.387	240	8916	0.400	ng/ul	0.00
23) Perylene-d12	23.740	264	7982	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	7572	2.288	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2941	0.181	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	6126	0.209	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.645	128	1189	0.036	ng/ul#	87
10) Acenaphthylene	14.159	152	2768	0.098	ng/ul	96
12) Fluorene	15.492	166	490	0.020	ng/ul#	91
15) Phenanthrene	17.234	178	16592	0.426	ng/ul	99
16) Anthracene	17.322	178	13366	0.390	ng/ul	100
19) Fluoranthene	19.257	202	106245	2.579	ng/ul	99
20) Pyrene	19.620	202	75558	1.829	ng/ul	98
21) Benzo(a)anthracene	21.372	228	59644	1.806	ng/ul	96
22) Chrysene	21.422	228	48386	1.224	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	55958m	1.501	ng/ul	
25) Benzo(k)fluoranthene	23.073	252	20906m	0.497	ng/ul	
26) Benzo(a)pyrene	23.637	252	31866	1.017	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.163	276	19655	0.520	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.176	278	6527	0.220	ng/ul	92
29) Benzo(g,h,i)perylene	26.907	276	2289	0.065	ng/ul#	83

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

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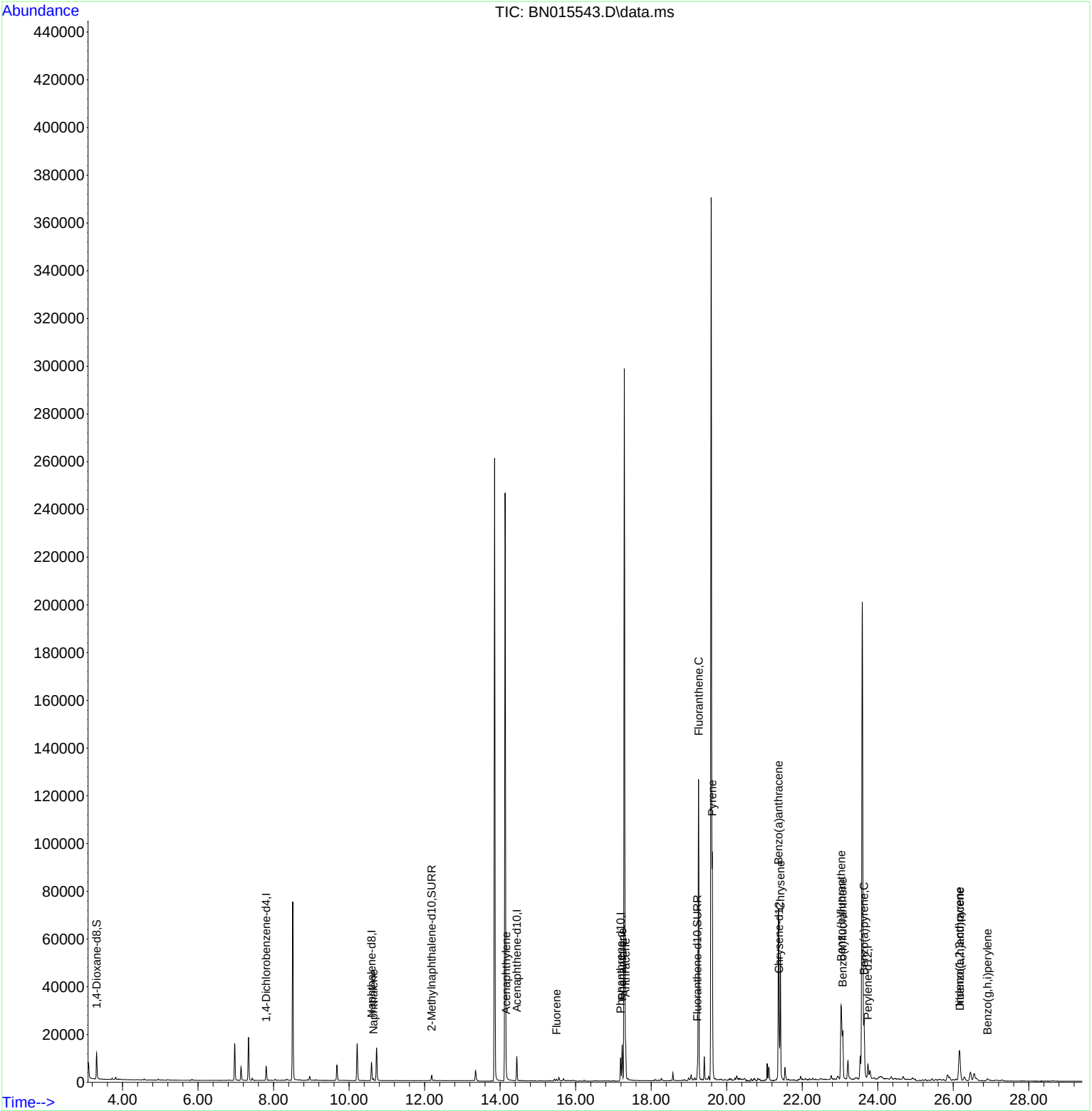
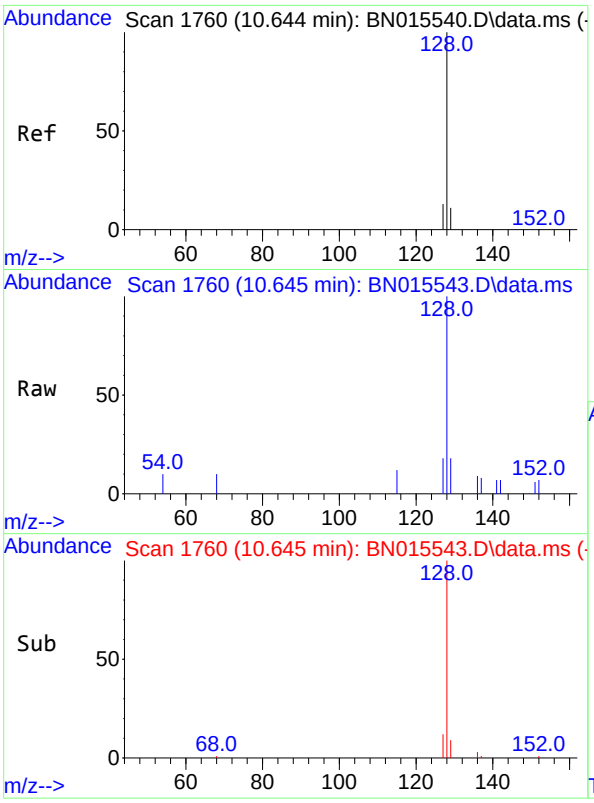
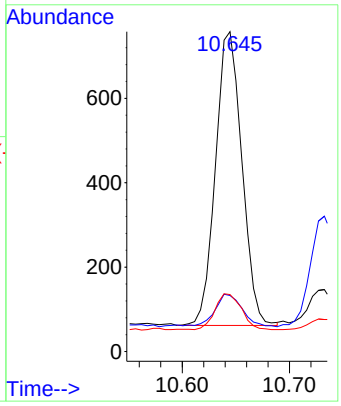




#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.645 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:128 Resp: 1189

Ion	Ratio	Lower	Upper
128	100		
129	17.5	9.3	13.9#
127	17.8	10.8	16.2#



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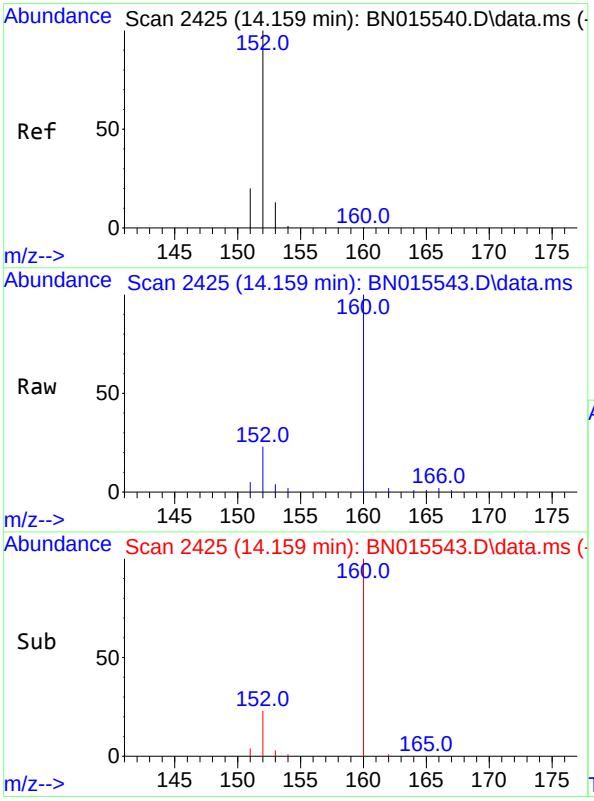
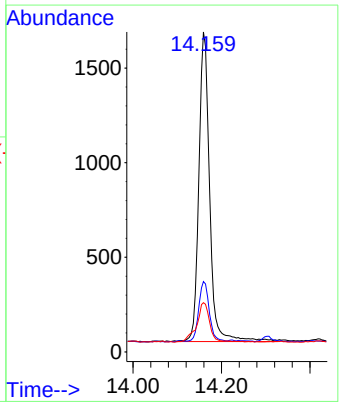
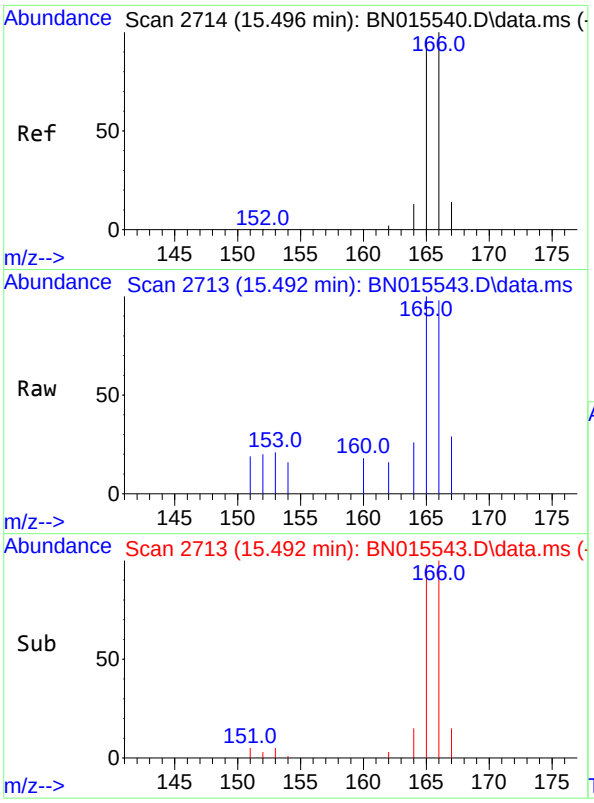


#10
Acenaphthylene
Concen: 0.098 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:152 Resp: 2768

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.0	24.0
153	15.4	10.9	16.3

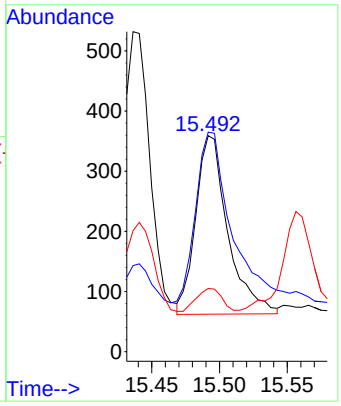




#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.492 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:166 Resp: 490

Ion	Ratio	Lower	Upper
166	100		
165	101.7	77.8	116.8
167	29.2	11.2	16.8#



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ClientSampleId :
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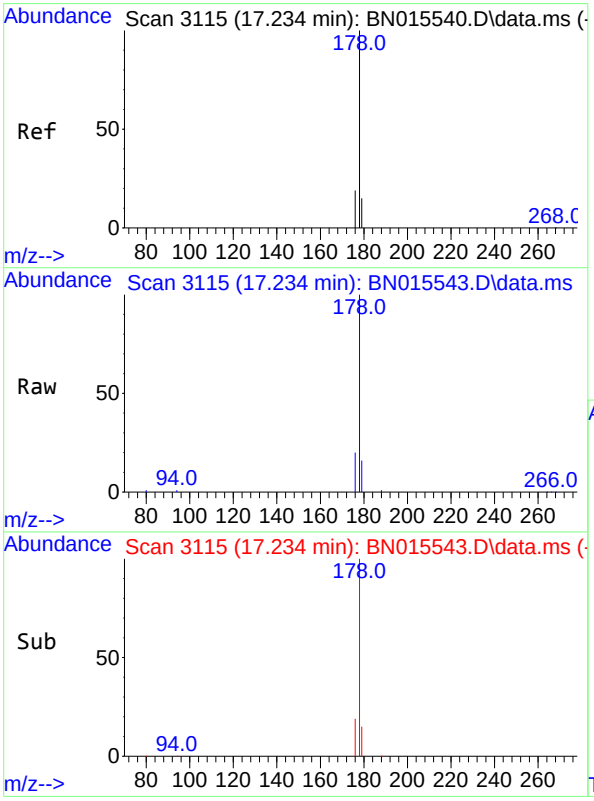
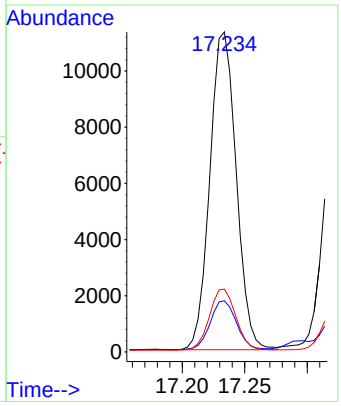
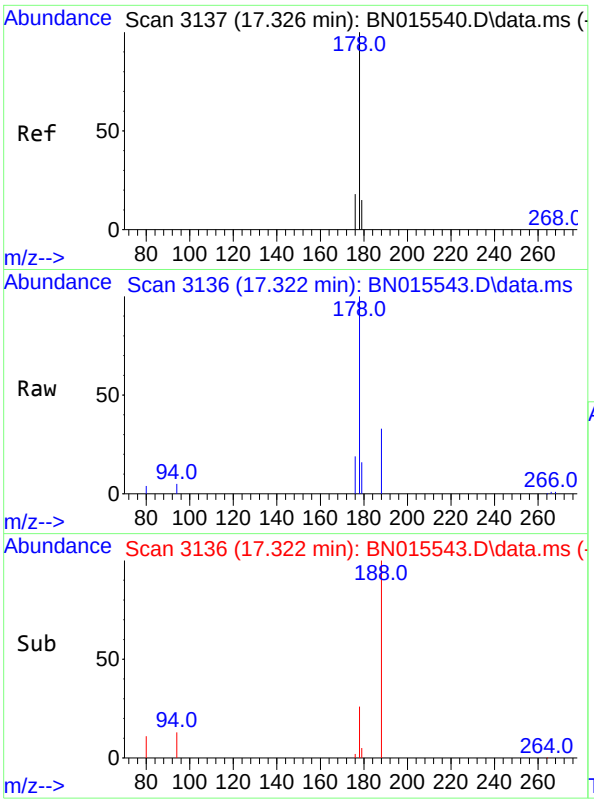


#15
Phenanthrene
Concen: 0.426 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:178 Resp: 16592

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.7	15.5	23.3

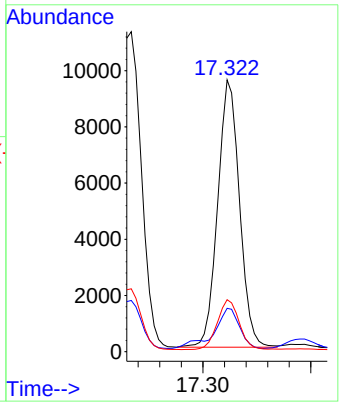




#16
Anthracene
Concen: 0.390 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:178 Resp: 13366

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	19.1	15.2	22.8



Instrument :
BNA_N
ClientSampleId :
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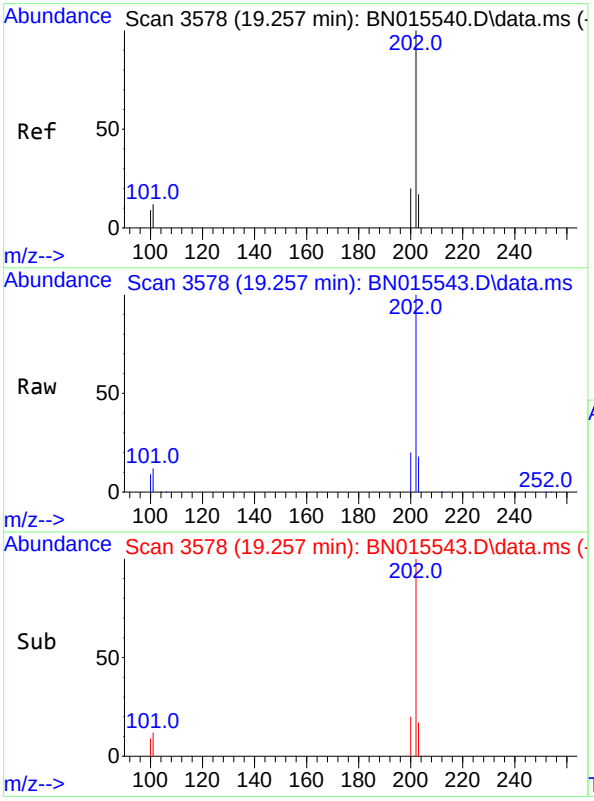
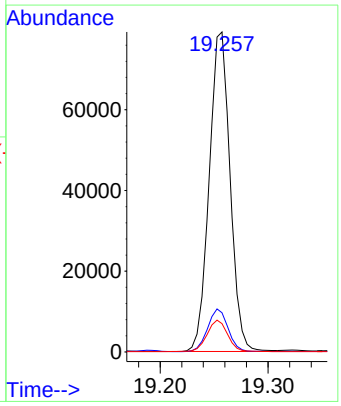
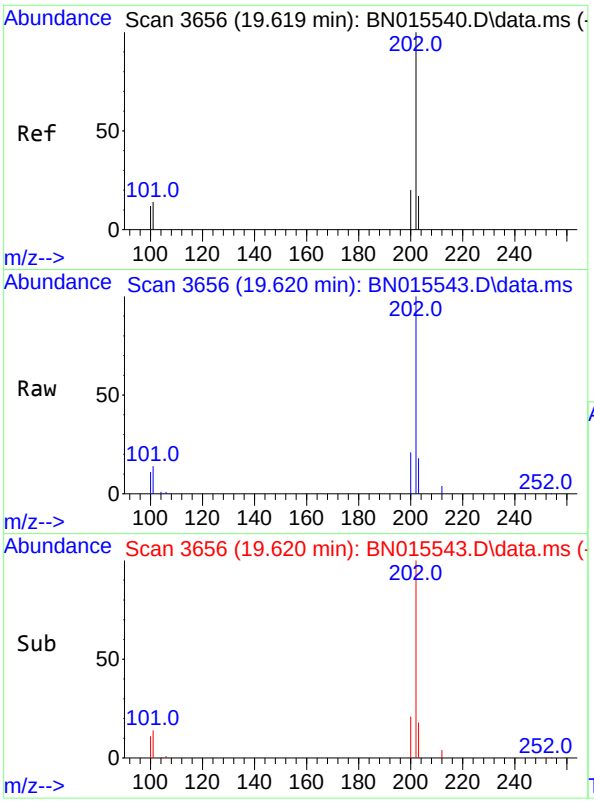


#19
Fluoranthene
Concen: 2.579 ng/ul
RT: 19.257 min Scan# 3578
Delta R.T. -0.000 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:202 Resp: 106245

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.1	15.1
100	8.9	7.4	11.0

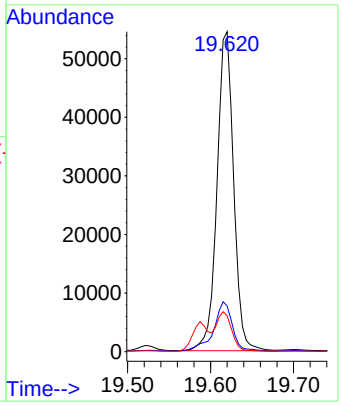


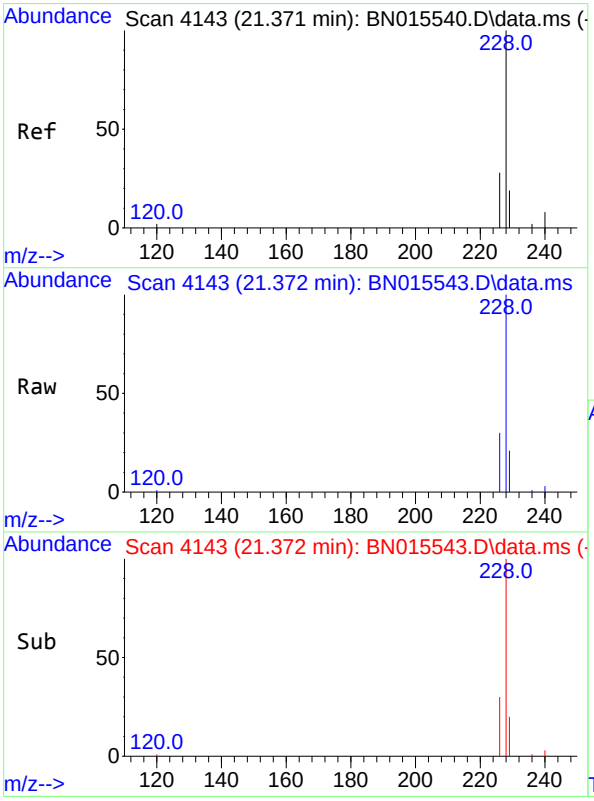


#20
Pyrene
Concen: 1.829 ng/ul
RT: 19.620 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:202 Resp: 75558

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.0	18.0
100	11.2	9.6	14.4

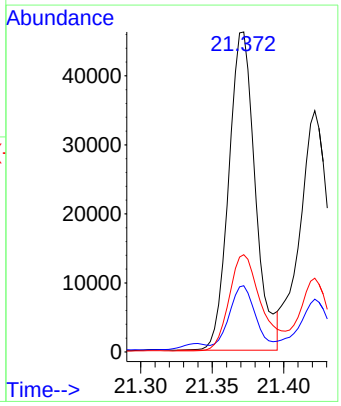




#21
Benzo(a)anthracene
Concen: 1.806 ng/ul
RT: 21.372 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:228 Resp: 59644

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	30.4	21.8	32.8



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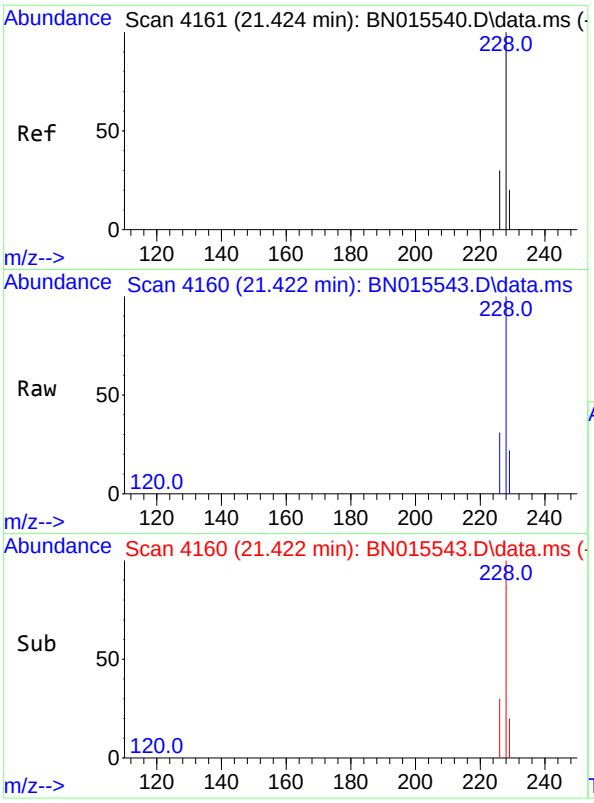
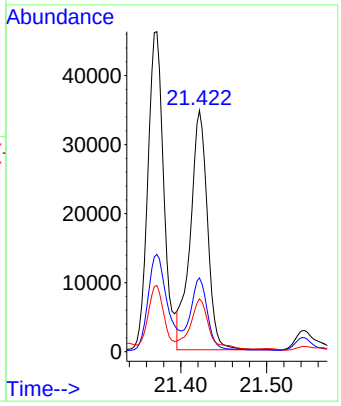
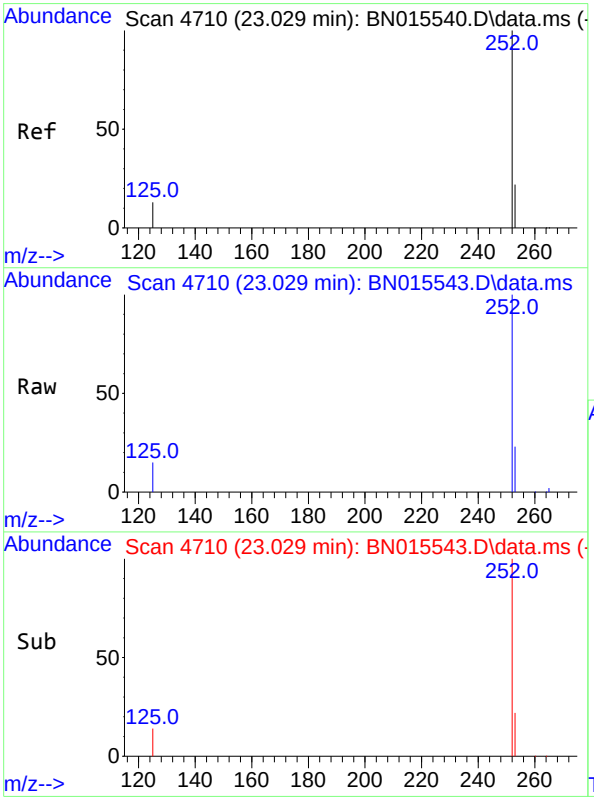


#22
Chrysene
Concen: 1.224 ng/ul
RT: 21.422 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:228 Resp: 48386

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	21.9	15.7	23.5

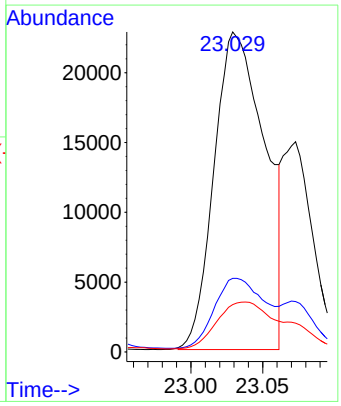




#24
Benzo(b)fluoranthene
Concen: 1.501 ng/ul m
RT: 23.029 min Scan# 4710
Delta R.T. -0.000 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:252 Resp: 55958

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	45.6
125	14.8	0.0	28.4



Instrument :
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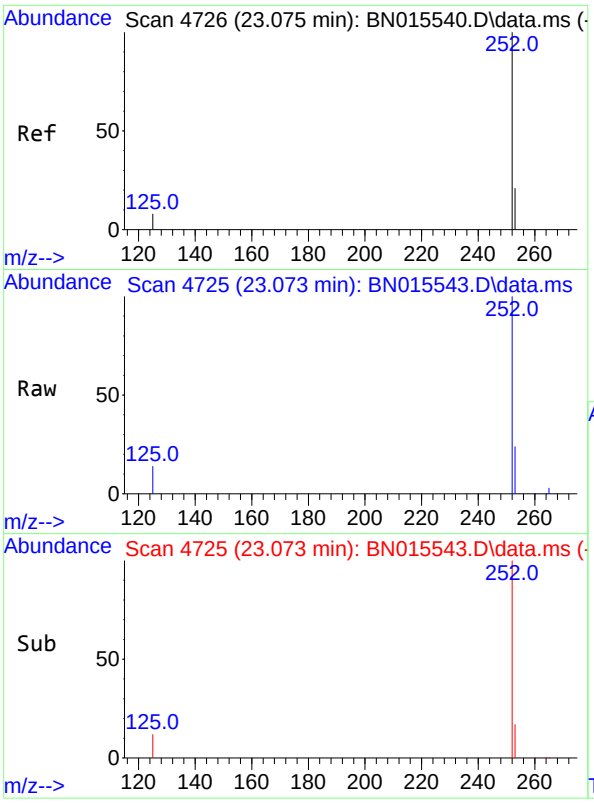
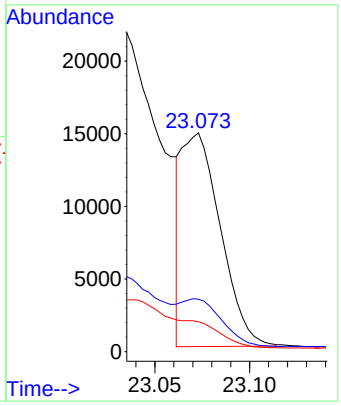
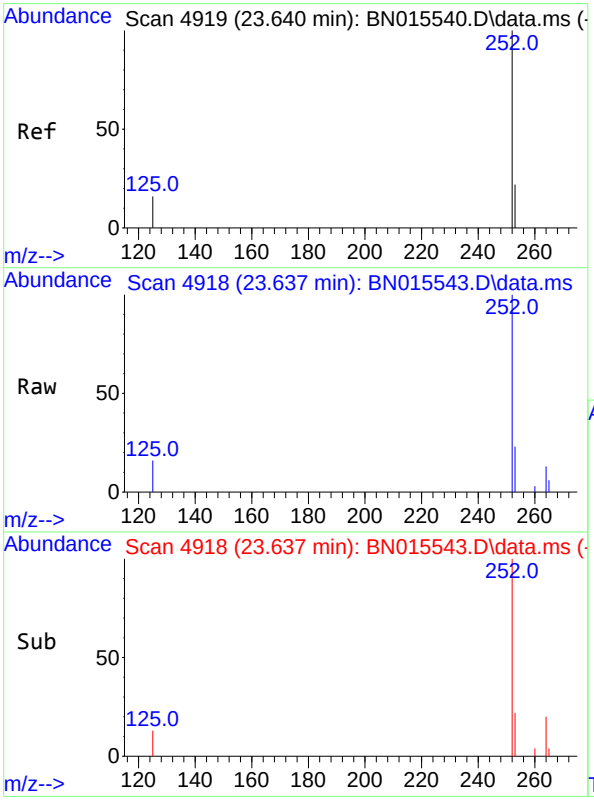


#25
Benzo(k)fluoranthene
Concen: 0.497 ng/ul m
RT: 23.073 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:252 Resp: 20906

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	13.7	11.5	17.3

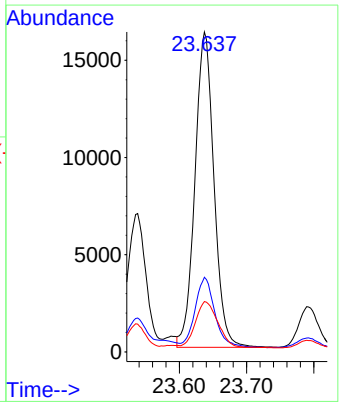




#26
Benzo(a)pyrene
Concen: 1.017 ng/ul
RT: 23.637 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:252 Resp: 31866

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	15.7	13.5	20.3



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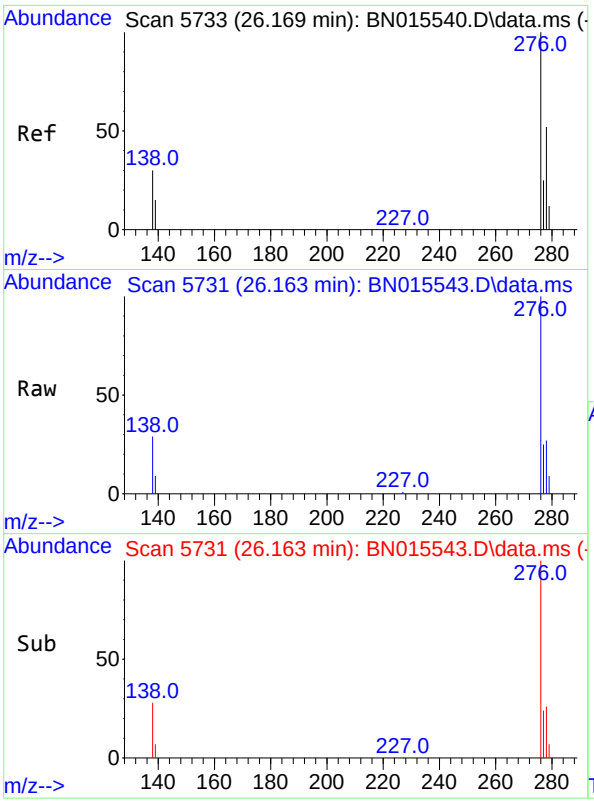
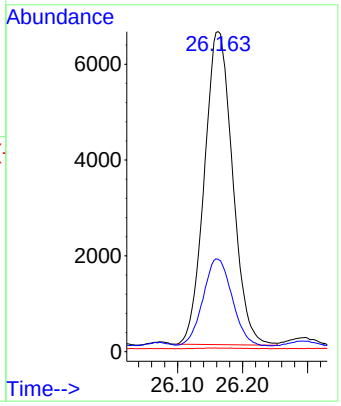
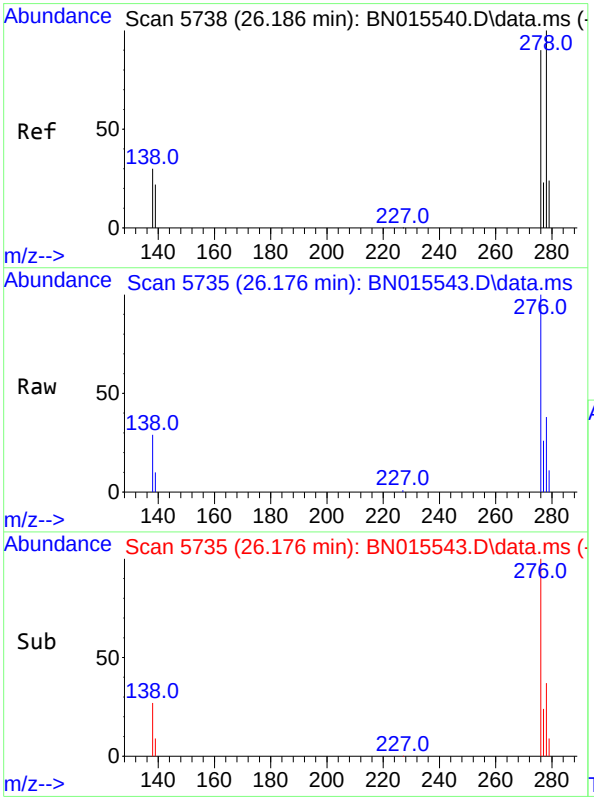


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.520 ng/ul
RT: 26.163 min Scan# 5731
Delta R.T. -0.007 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:276 Resp: 19655

Ion	Ratio	Lower	Upper
276	100		
138	28.9	26.3	39.5
227	0.3	0.1	0.1#

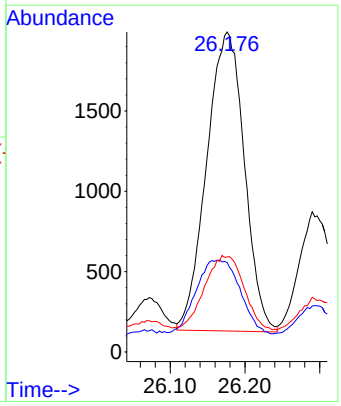




#28
Dibenzo(a,h)anthracene
Concen: 0.220 ng/ul
RT: 26.176 min Scan# 5735
Delta R.T. -0.013 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:278 Resp: 6527

Ion	Ratio	Lower	Upper
278	100		
139	28.0	18.9	28.3
279	29.7	20.8	31.2



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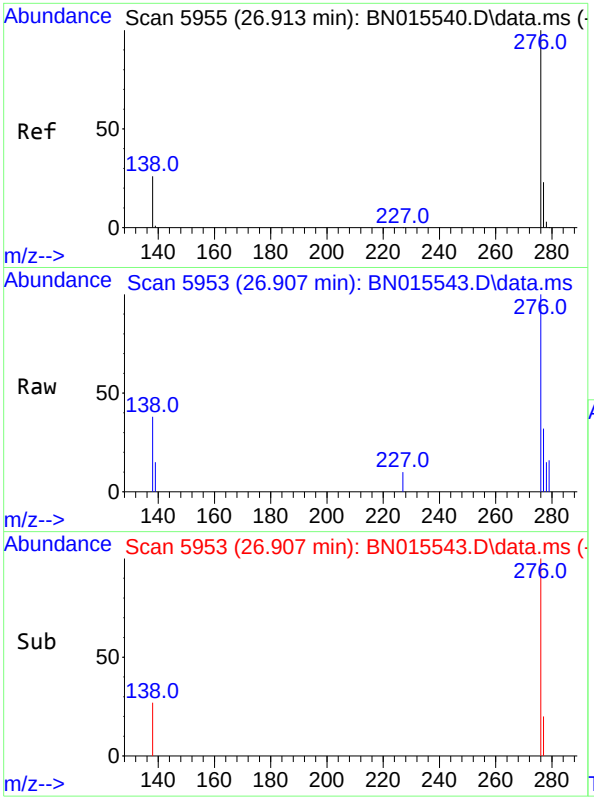
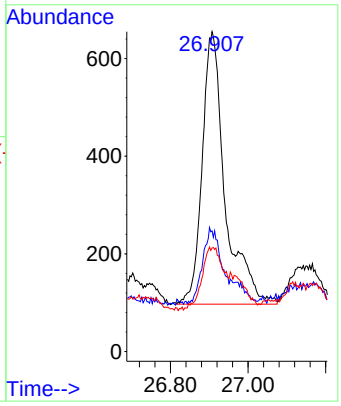


#29
Benzo(g,h,i)perylene
Concen: 0.065 ng/ul
RT: 26.907 min Scan# 5953
Delta R.T. -0.003 min
Lab File: BN015543.D
Acq: 14 Jul 2021 00:31

Tgt Ion:276 Resp: 2289

Ion	Ratio	Lower	Upper
276	100		
138	37.7	23.0	34.4#
277	32.4	19.3	28.9#



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