Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015542.D
Acq On : 13 Jul 2021 23:55
Operator : CG/JU
Sample : M2869-04DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDX2DL

Manual Integrations APPROVED
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7/14/2021 12:14:54 PM

Quant Time: Jul 14 05:27:15 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	2152	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	7518	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	3927	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	7498	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	5974	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	5711	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	1622	0.669	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	423	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	782	0.040	ng/ul	0.00
Target Compounds						Qvalue
11) Acenaphthene	14.506	153	2392	0.154	ng/ul	97
12) Fluorene	15.492	166	449	0.026	ng/ul#	89
15) Phenanthrene	17.234	178	13692	0.503	ng/ul	99
16) Anthracene	17.322	178	2219	0.092	ng/ul	93
19) Fluoranthene	19.257	202	10037	0.364	ng/ul	99
20) Pyrene	19.619	202	8422	0.304	ng/ul	99
21) Benzo(a)anthracene	21.372	228	2467m	0.111	ng/ul	
22) Chrysene	21.424	228	2327	0.088	ng/ul	95
24) Benzo(b)fluoranthene	23.029	252	2046m	0.077	ng/ul	
25) Benzo(k)fluoranthene	23.072	252	807m	0.027	ng/ul	
26) Benzo(a)pyrene	23.637	252	1125	0.050	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.165	276	591	0.022	ng/ul#	42

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

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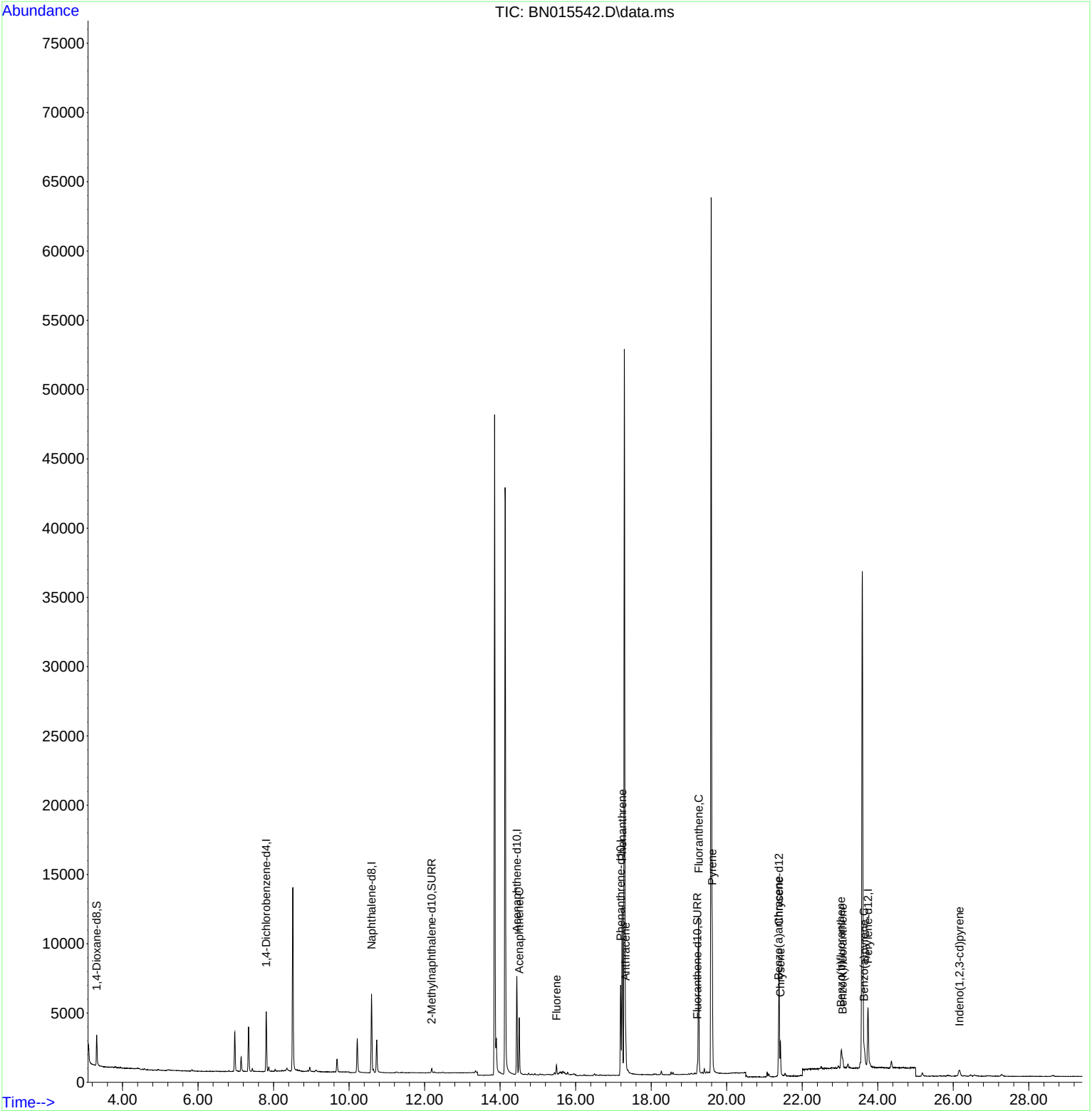
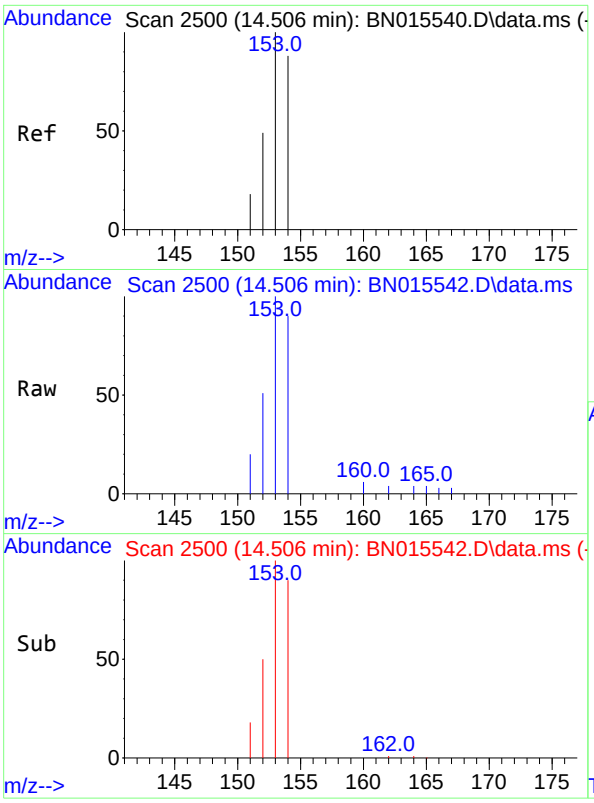
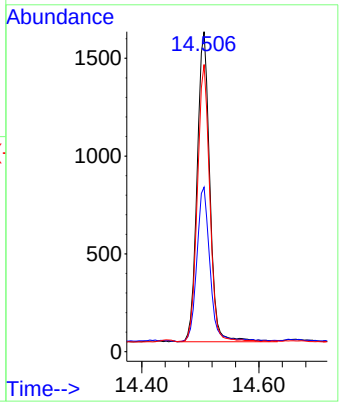




#11
Acenaphthene
Concen: 0.154 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN015542.D
Acq: 13 Jul 2021 23:55

Tgt Ion:153 Resp: 2392

Ion	Ratio	Lower	Upper
153	100		
152	51.4	39.8	59.6
154	89.7	69.8	104.8



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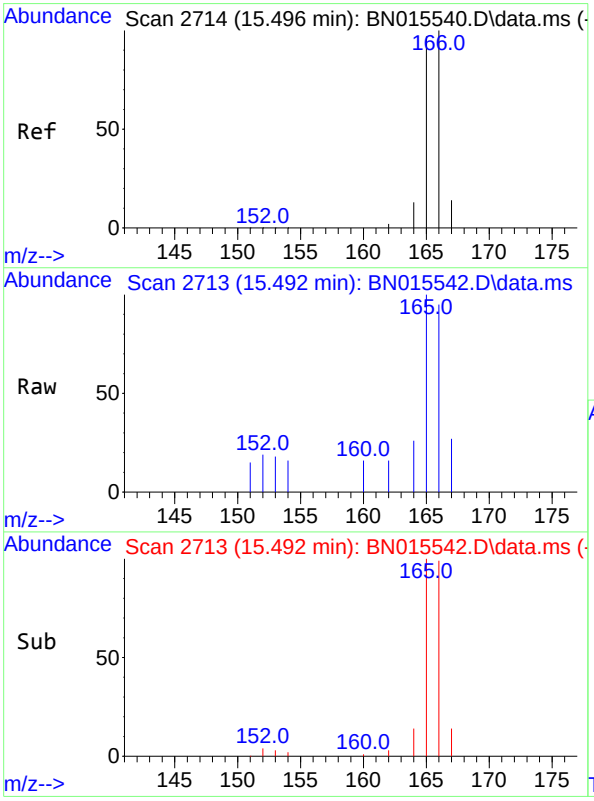
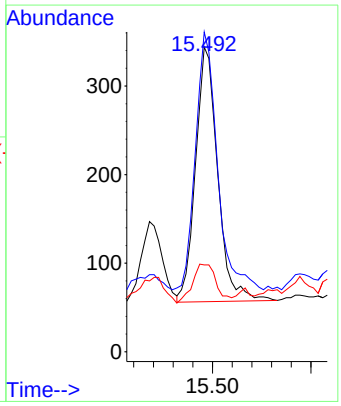
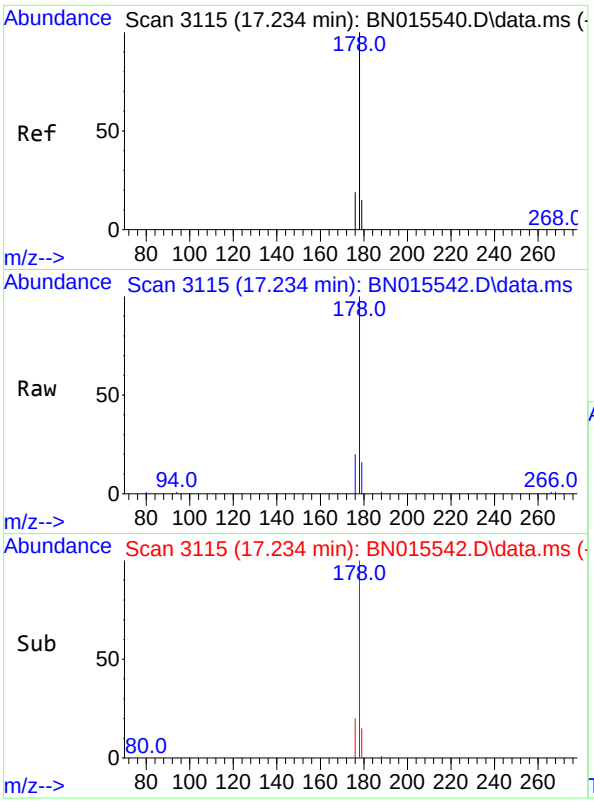


#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.492 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015542.D
Acq: 13 Jul 2021 23:55

Tgt Ion:166 Resp: 449

Ion	Ratio	Lower	Upper
166	100		
165	104.9	77.8	116.8
167	28.5	11.2	16.8#

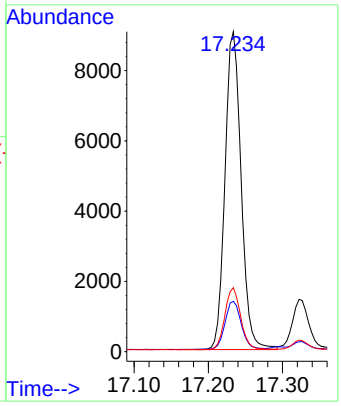


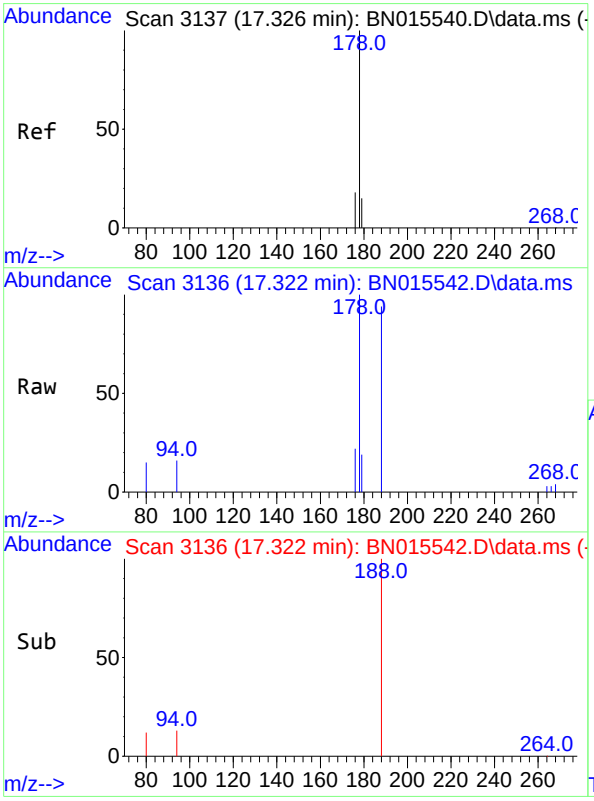


#15
Phenanthrene
Concen: 0.503 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015542.D
Acq: 13 Jul 2021 23:55

Tgt Ion:178 Resp: 13692

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	20.0	15.5	23.3

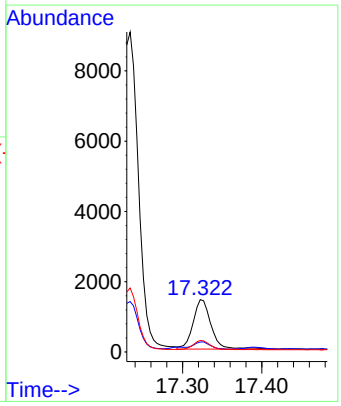




#16
Anthracene
Concen: 0.092 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN015542.D
Acq: 13 Jul 2021 23:55

Tgt Ion:178 Resp: 2219

Ion	Ratio	Lower	Upper
178	100		
179	18.9	12.8	19.2
176	22.0	15.2	22.8



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ClientSampleId :
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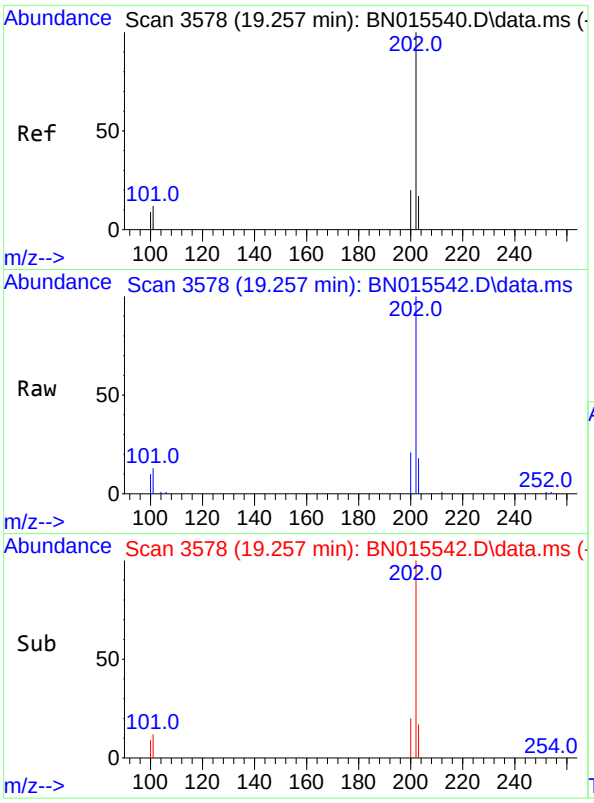
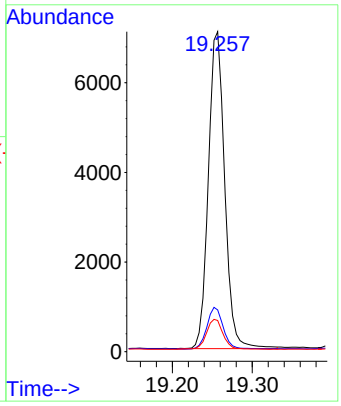
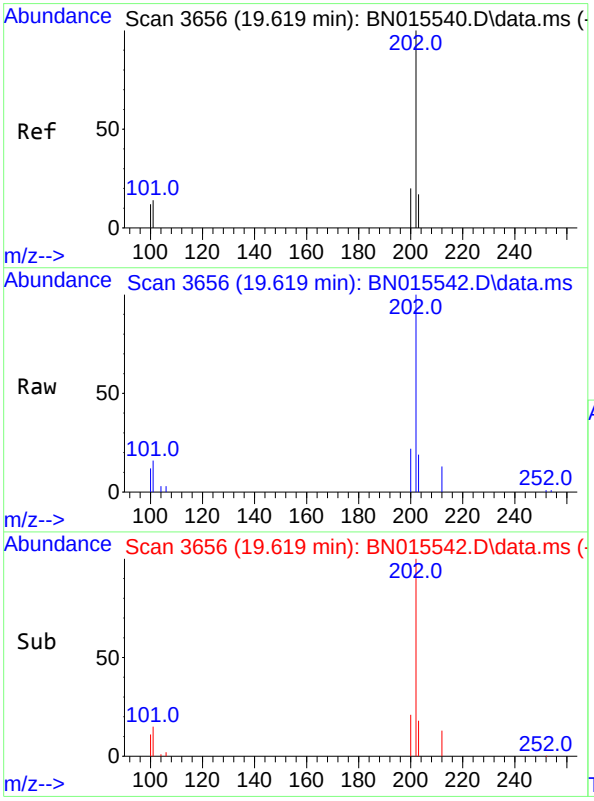


#19
Fluoranthene
Concen: 0.364 ng/ul
RT: 19.257 min Scan# 3578
Delta R.T. -0.000 min
Lab File: BN015542.D
Acq: 13 Jul 2021 23:55

Tgt Ion:202 Resp: 10037

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.1	15.1
100	9.8	7.4	11.0

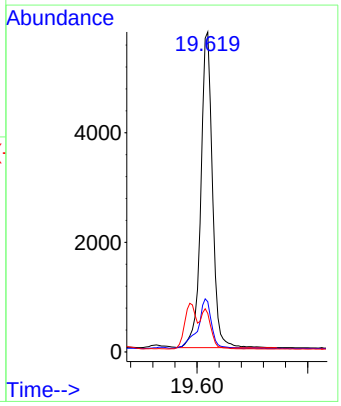




#20
Pyrene
Concen: 0.304 ng/ul
RT: 19.619 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN015542.D
Acq: 13 Jul 2021 23:55

Tgt Ion:202 Resp: 8422

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



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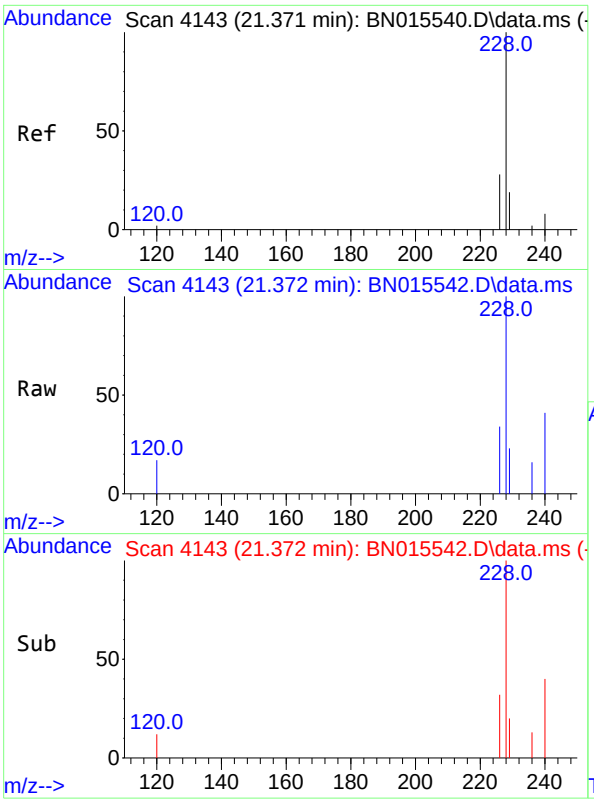
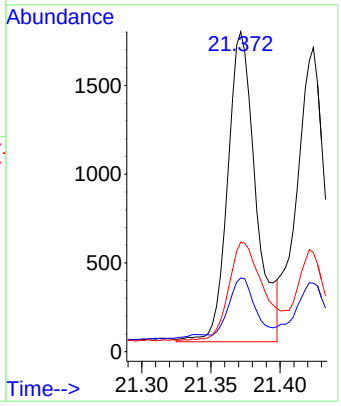
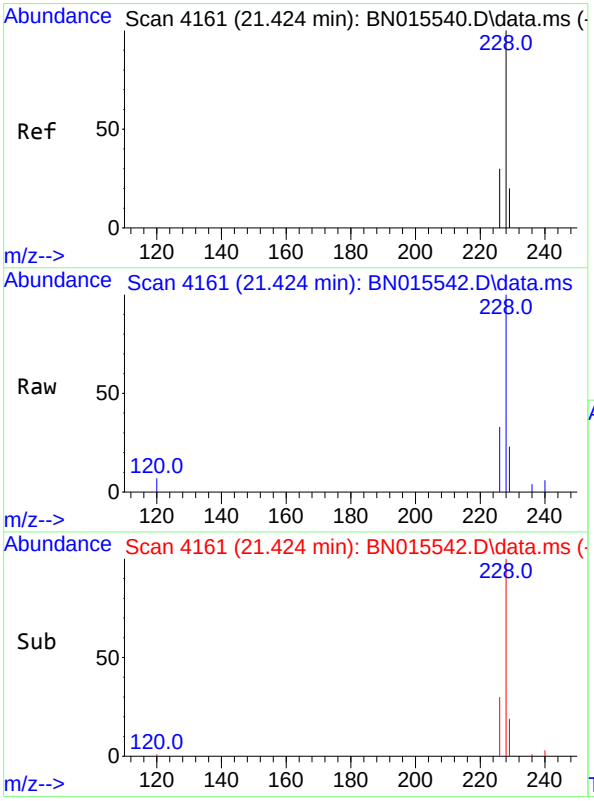


#21
Benzo(a)anthracene
Concen: 0.111 ng/ul m
RT: 21.372 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BN015542.D
Acq: 13 Jul 2021 23:55

Tgt Ion:228 Resp: 2467

Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.8	23.8
226	34.3	21.8	32.8#

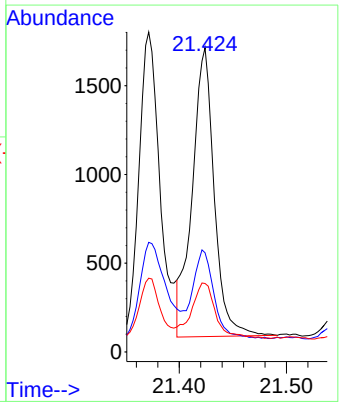




#22
Chrysene
Concen: 0.088 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. -0.003 min
Lab File: BN015542.D
Acq: 13 Jul 2021 23:55

Tgt Ion:228 Resp: 2327

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.6	37.0
229	22.5	15.7	23.5



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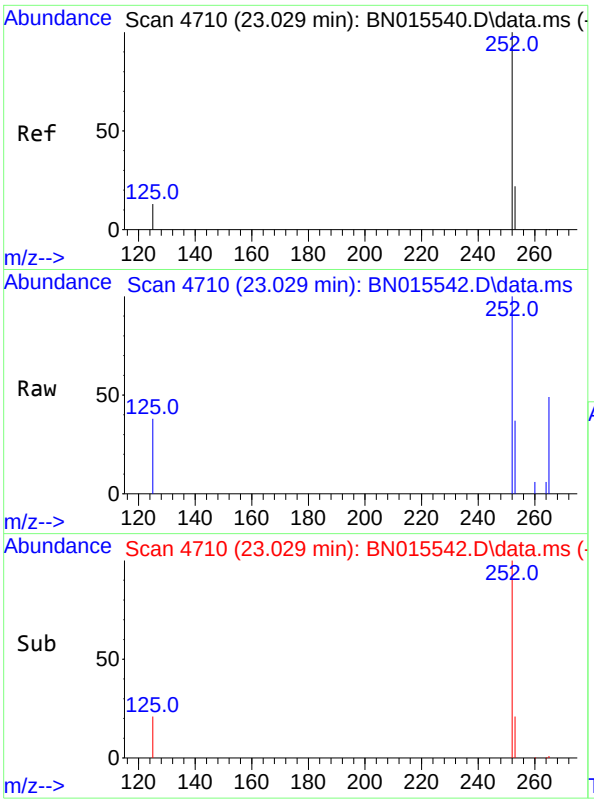
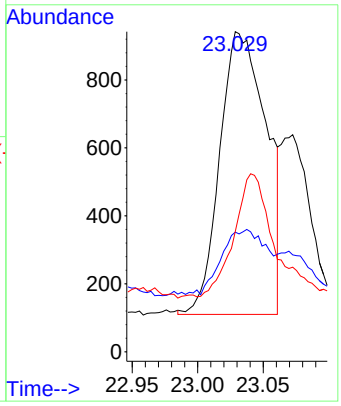


#24
Benzo(b)fluoranthene
Concen: 0.077 ng/ul m
RT: 23.029 min Scan# 4710
Delta R.T. -0.000 min
Lab File: BN015542.D
Acq: 13 Jul 2021 23:55

Tgt Ion:252 Resp: 2046

Ion	Ratio	Lower	Upper
252	100		
253	37.4	0.0	45.6
125	37.6	0.0	28.4#



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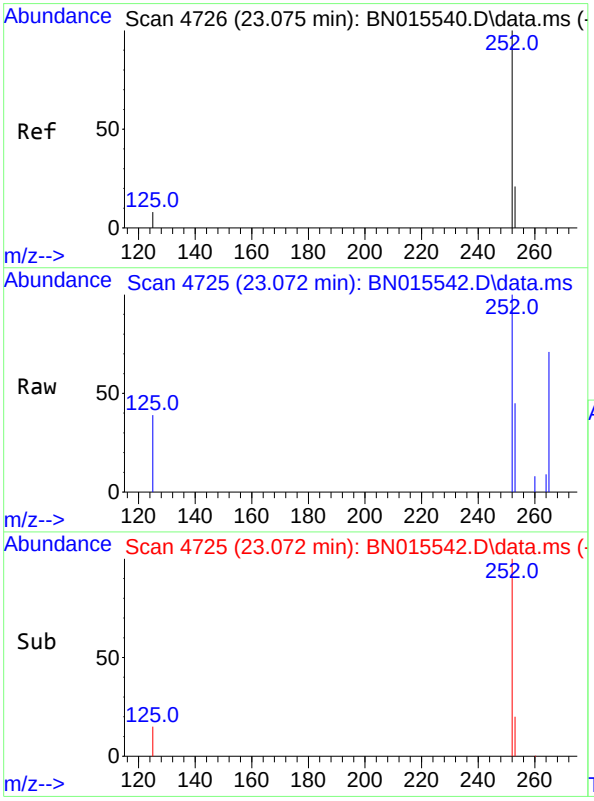
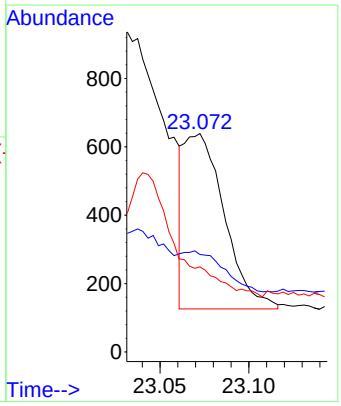
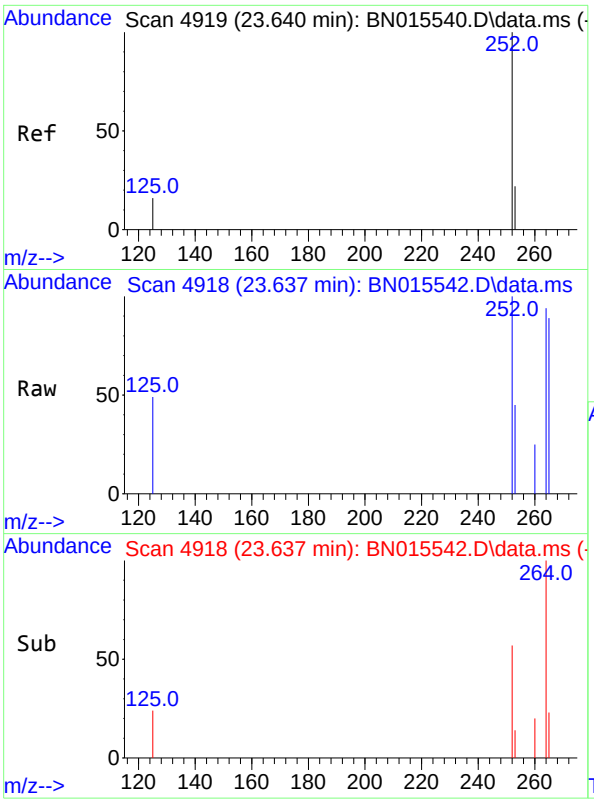


#25
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 23.072 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BN015542.D
Acq: 13 Jul 2021 23:55

Tgt Ion:252 Resp: 807

Ion	Ratio	Lower	Upper
252	100		
253	44.6	18.1	27.1#
125	39.0	11.5	17.3#

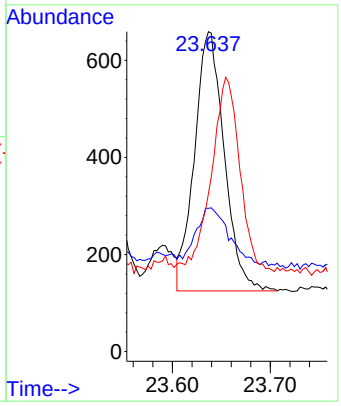




#26
Benzo(a)pyrene
Concen: 0.050 ng/ul
RT: 23.637 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN015542.D
Acq: 13 Jul 2021 23:55

Tgt Ion:252 Resp: 1125

Ion	Ratio	Lower	Upper
252	100		
253	44.8	18.9	28.3#
125	49.3	13.5	20.3#



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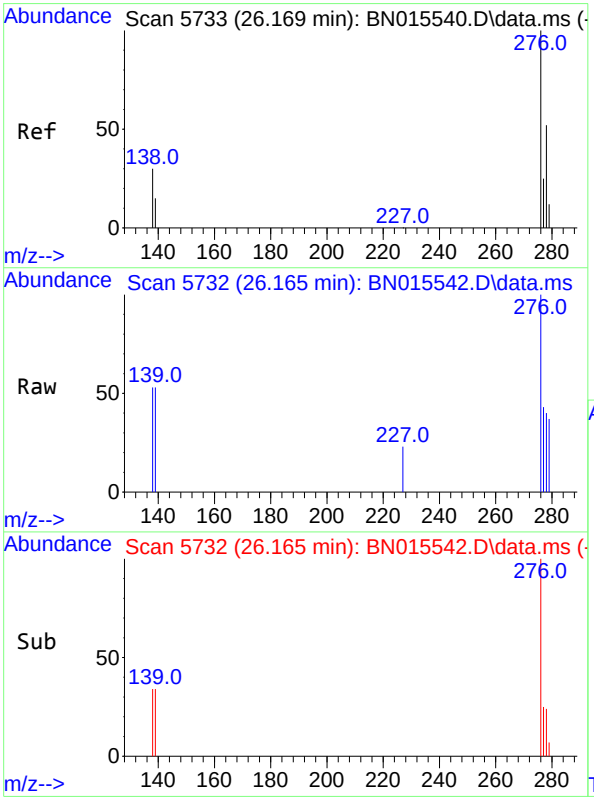

#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 26.165 min Scan# 5732
Delta R.T. -0.004 min
Lab File: BN015542.D
Acq: 13 Jul 2021 23:55

Tgt Ion:276 Resp: 591

Ion	Ratio	Lower	Upper
276	100		
138	0.0	26.3	39.5#
227	0.3	0.1	0.1#