Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015435.D
Acq On : 09 Jul 2021 07:52
Operator : CG/JU
Sample : M2854-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDS5

Manual Integrations APPROVED
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7/9/2021 3:04:38 PM

Quant Time: Jul 09 08:34:41 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 : Fri Jul 09 07:12:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	2893	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	10124	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.339	164	5455	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	11201	0.400	ng/ul	0.00
17) Chrysene-d12	21.284	240	9226	0.400	ng/ul	0.00
23) Perylene-d12	23.526	264	8975	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.277	96	7334	2.249	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	3698	0.233	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	9114	0.301	ng/ul	0.00
Target Compounds						Qvalue
11) Acenaphthene	14.400	153	2479	0.115	ng/ul	98
15) Phenanthrene	17.124	178	5531	0.136	ng/ul	96
16) Anthracene	17.217	178	5381	0.150	ng/ul	96
19) Fluoranthene	19.150	202	8970	0.210	ng/ul	97
20) Pyrene	19.513	202	17812	0.417	ng/ul	97
21) Benzo(a)anthracene	21.270	228	4807m	0.141	ng/ul	
22) Chrysene	21.319	228	4534m	0.111	ng/ul	
24) Benzo(b)fluoranthene	22.859	252	5148m	0.123	ng/ul	
25) Benzo(k)fluoranthene	22.886	252	1770m	0.037	ng/ul	
26) Benzo(a)pyrene	23.427	252	16773	0.476	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.767	276	5649	0.133	ng/ul#	89
29) Benzo(g,h,i)perylene	26.461	276	5571	0.141	ng/ul	92

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

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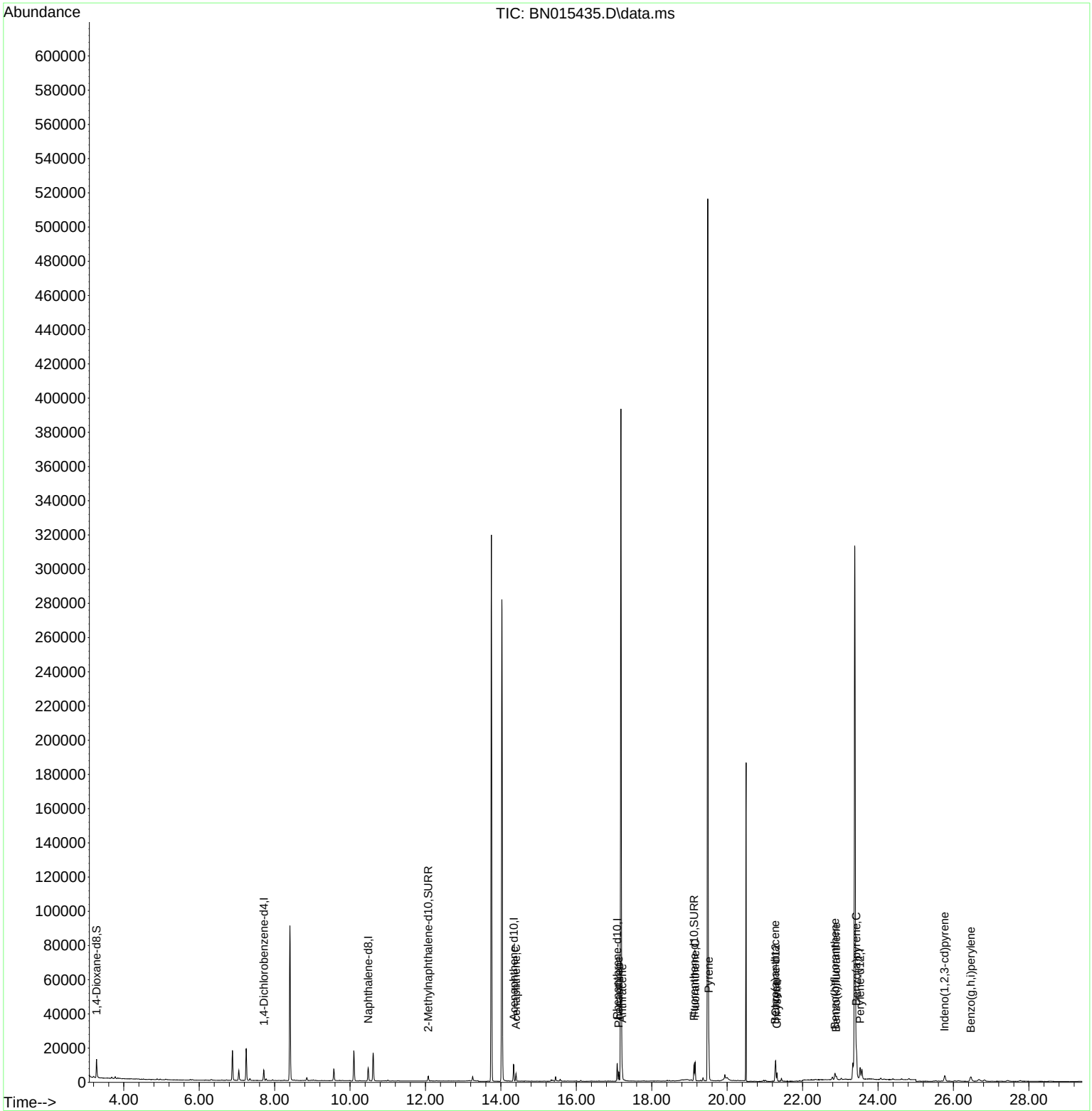
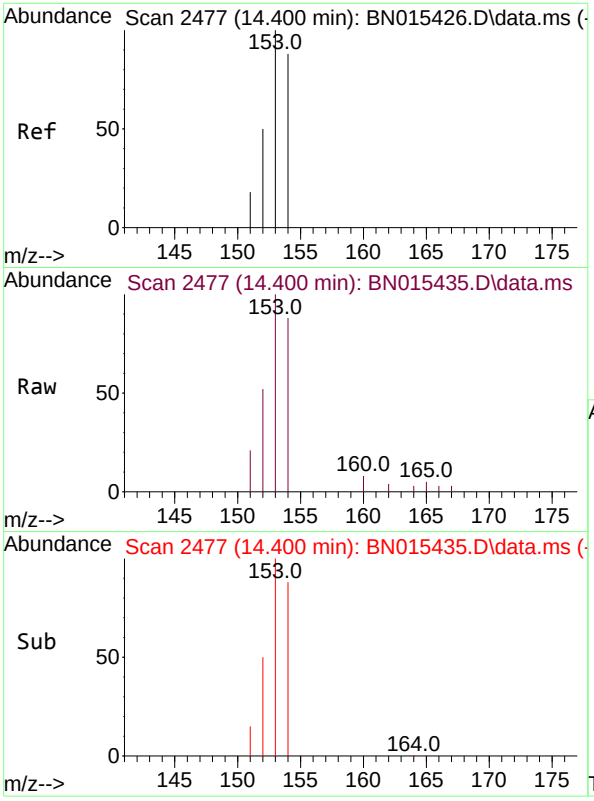
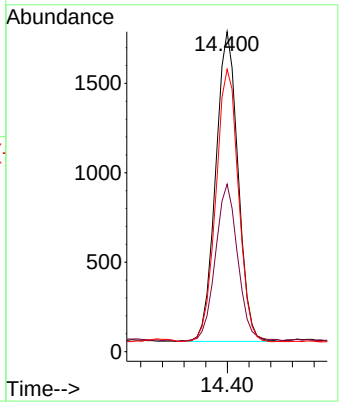




#11
Acenaphthene
Concen: 0.115 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015435.D
Acq: 09 Jul 2021 07:52

Tgt Ion:153 Resp: 2479

Ion	Ratio	Lower	Upper
153	100		
152	52.3	39.8	59.6
154	88.3	69.8	104.8



Instrument :
BNA_N
ClientSampleId :
BGDS5

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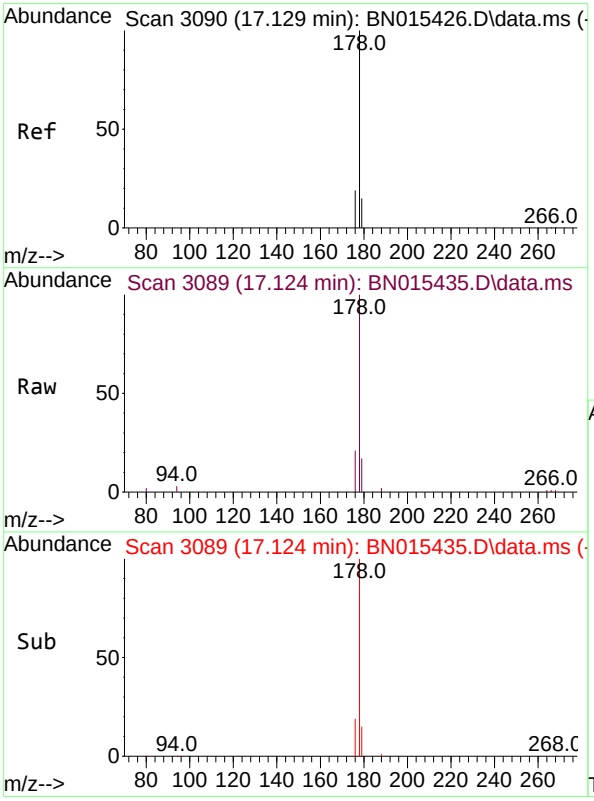
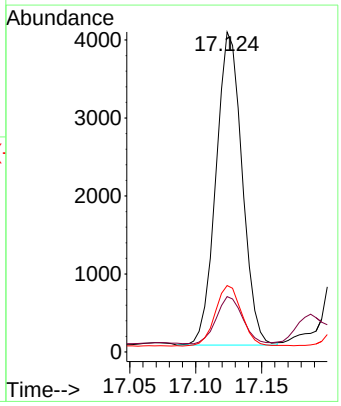
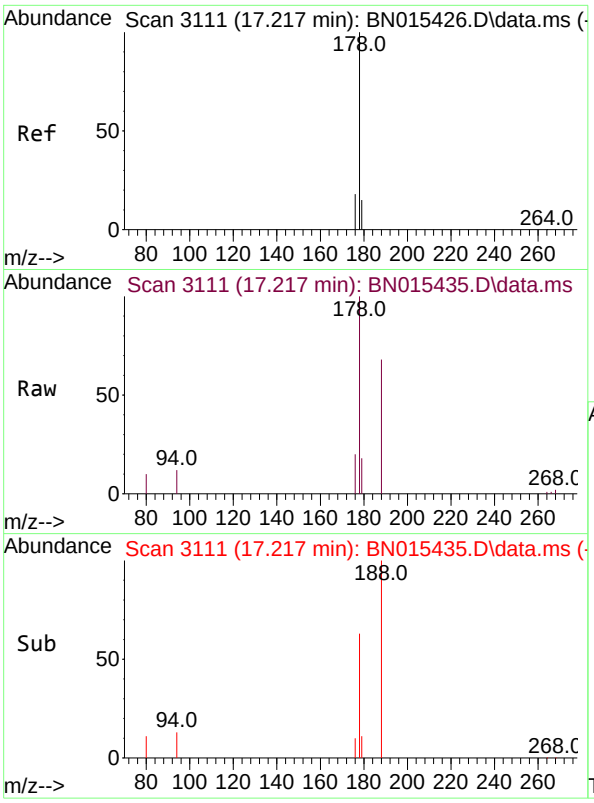


#15
Phenanthrene
Concen: 0.136 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015435.D
Acq: 09 Jul 2021 07:52

Tgt Ion:178 Resp: 5531

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.3	18.5
176	20.7	15.5	23.3

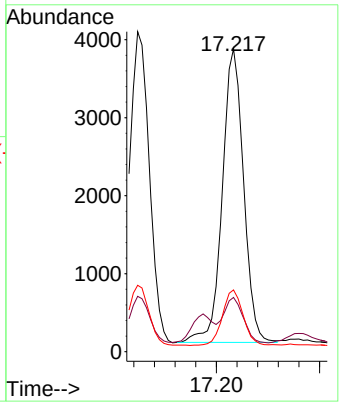




#16
Anthracene
Concen: 0.150 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN015435.D
Acq: 09 Jul 2021 07:52

Tgt Ion:178 Resp: 5381

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.8	19.2
176	20.4	15.2	22.8



Instrument :
BNA_N
ClientSampleId :
BGDS5

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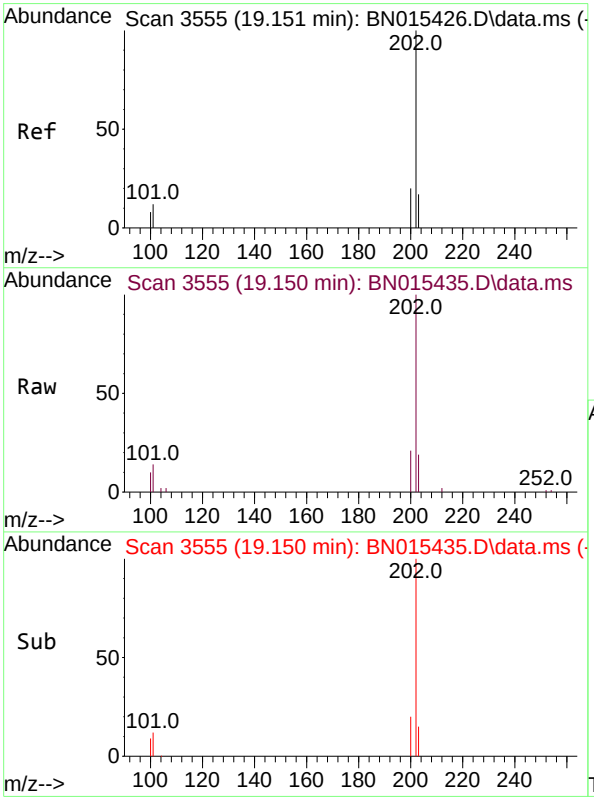
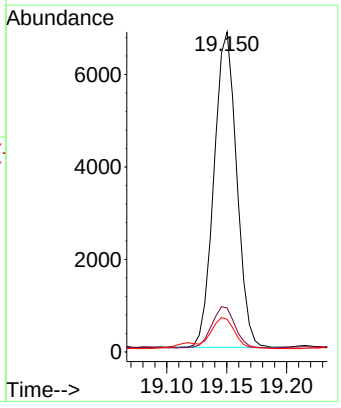
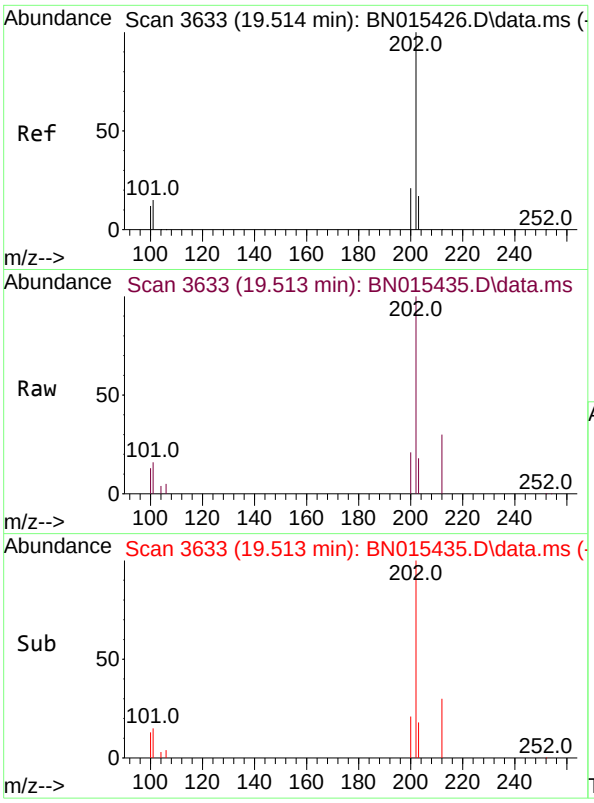


#19
Fluoranthene
Concen: 0.210 ng/ul
RT: 19.150 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BN015435.D
Acq: 09 Jul 2021 07:52

Tgt Ion:202 Resp: 8970

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.1	15.1
100	10.2	7.4	11.0

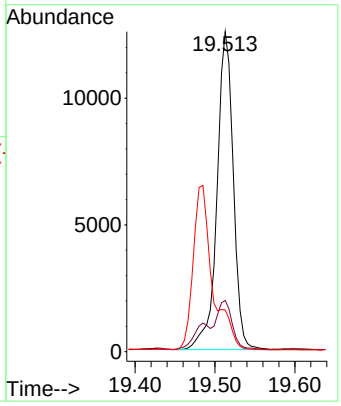




#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015435.D
Acq: 09 Jul 2021 07:52

Tgt Ion:202 Resp: 17812

Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.0	18.0
100	13.1	9.6	14.4



Instrument :
BNA_N
ClientSampleId :
BGDS5

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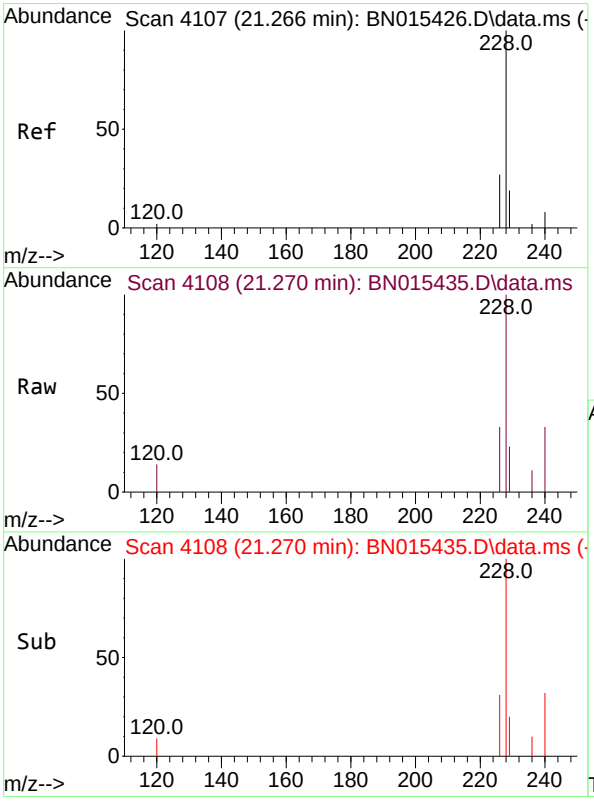
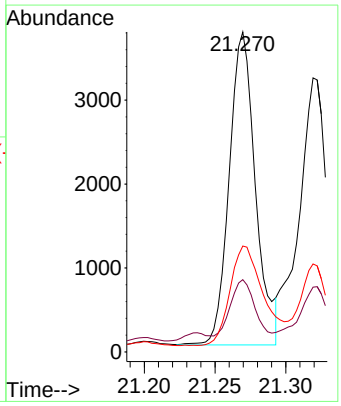
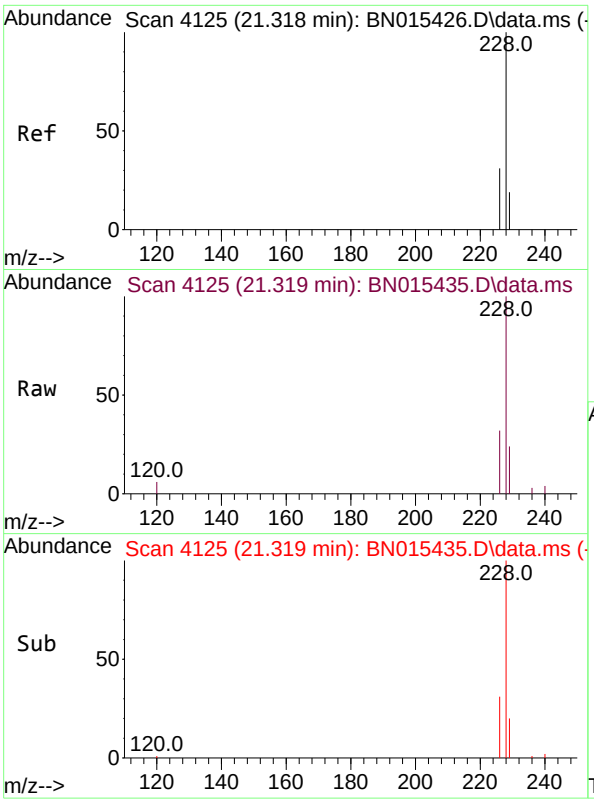


#21
Benzo(a)anthracene
Concen: 0.141 ng/ul m
RT: 21.270 min Scan# 4108
Delta R.T. -0.002 min
Lab File: BN015435.D
Acq: 09 Jul 2021 07:52

Tgt Ion:228 Resp: 4807

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.8	23.8
226	33.1	21.8	32.8#

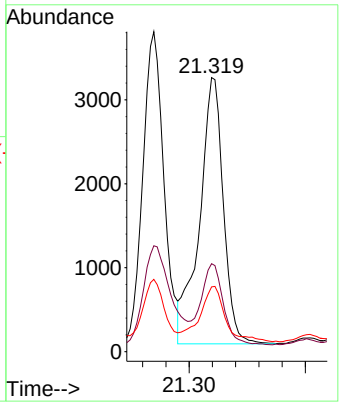


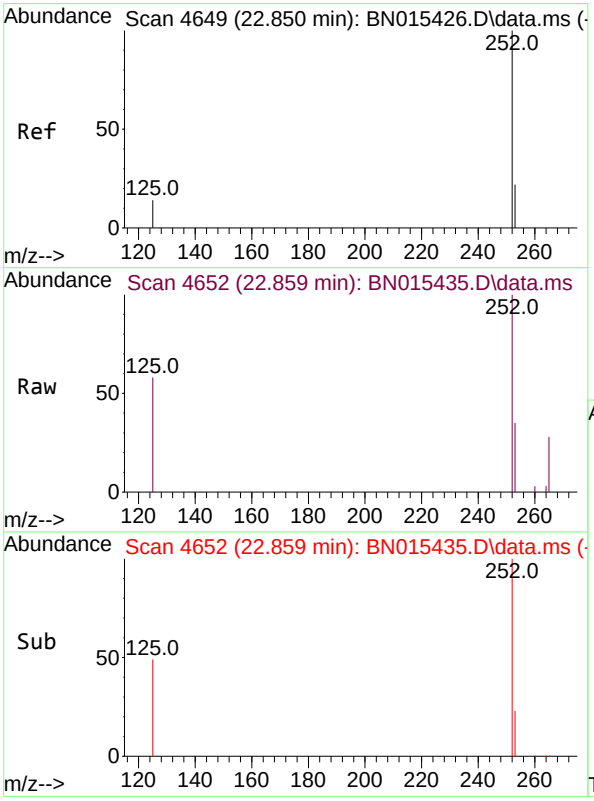


#22
Chrysene
Concen: 0.111 ng/ul m
RT: 21.319 min Scan# 4125
Delta R.T. -0.002 min
Lab File: BN015435.D
Acq: 09 Jul 2021 07:52

Tgt Ion:228 Resp: 4534

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.6	37.0
229	23.7	15.7	23.5#

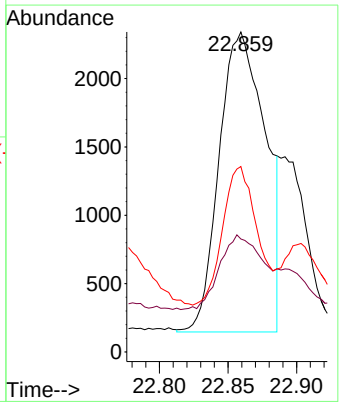




#24
Benzo(b)fluoranthene
Concen: 0.123 ng/ul m
RT: 22.859 min Scan# 4652
Delta R.T. 0.003 min
Lab File: BN015435.D
Acq: 09 Jul 2021 07:52

Tgt Ion:252 Resp: 5148

Ion	Ratio	Lower	Upper
252	100		
253	35.3	0.0	45.6
125	58.0	0.0	28.4#



Instrument :
BNA_N
ClientSampleId :
BGDS5

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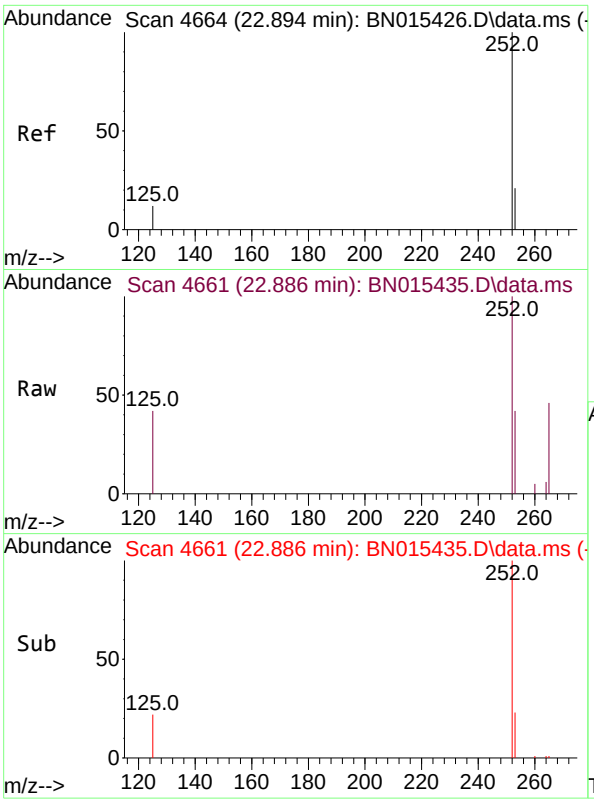
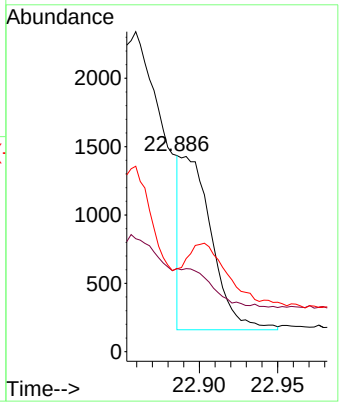
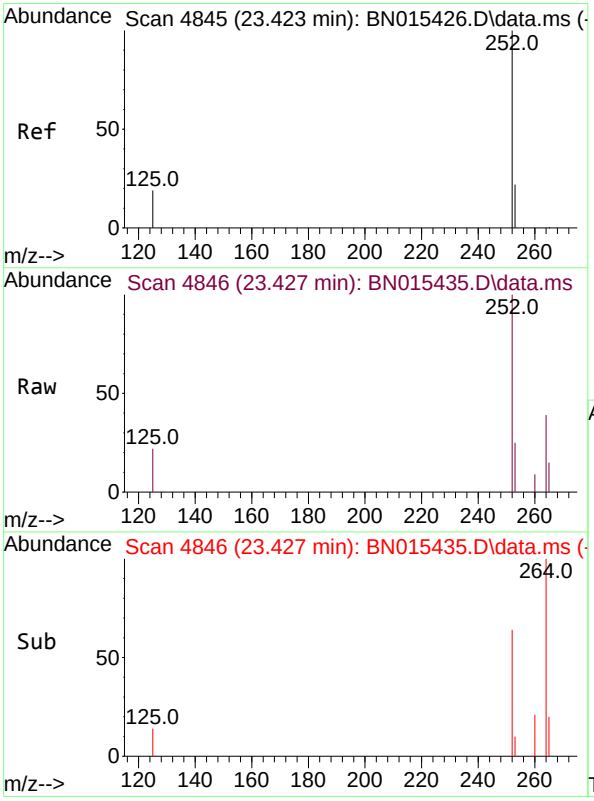


#25
Benzo(k)fluoranthene
Concen: 0.037 ng/ul m
RT: 22.886 min Scan# 4661
Delta R.T. -0.014 min
Lab File: BN015435.D
Acq: 09 Jul 2021 07:52

Tgt Ion:252 Resp: 1770

Ion	Ratio	Lower	Upper
252	100		
253	42.4	18.1	27.1#
125	42.3	11.5	17.3#

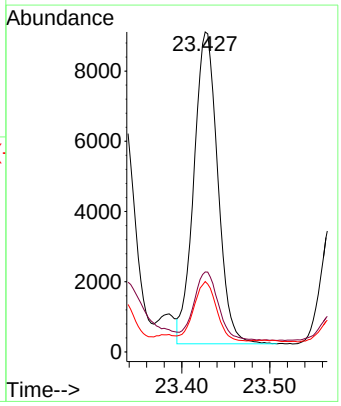




#26
Benzo(a)pyrene
Concen: 0.476 ng/ul
RT: 23.427 min Scan# 4846
Delta R.T. -0.002 min
Lab File: BN015435.D
Acq: 09 Jul 2021 07:52

Tgt Ion:252 Resp: 16773

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.9	28.3
125	22.0	13.5	20.3#



Instrument :
BNA_N
ClientSampleId :
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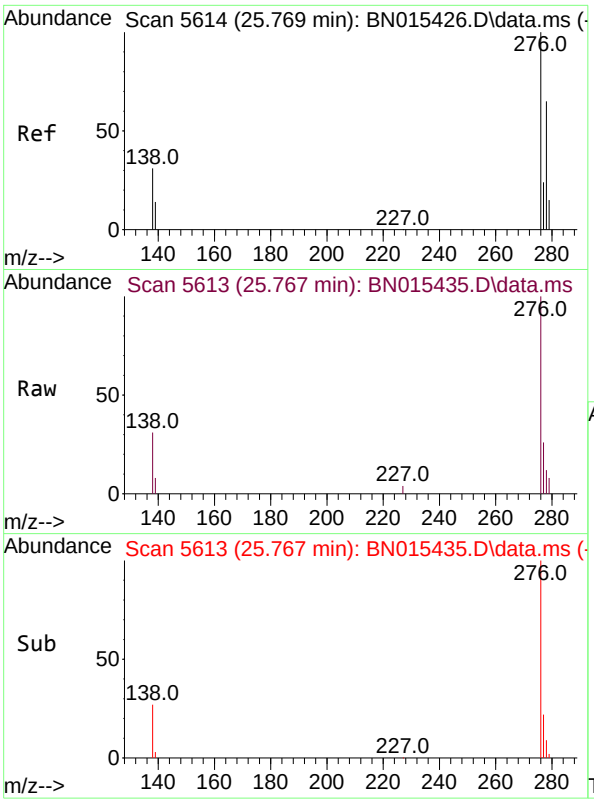
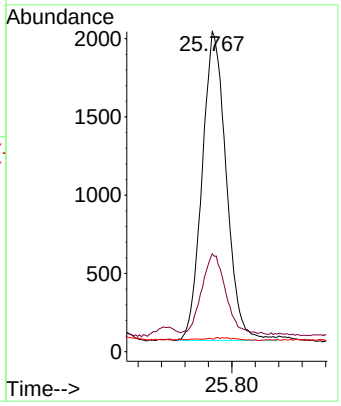


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.133 ng/ul
RT: 25.767 min Scan# 5613
Delta R.T. -0.010 min
Lab File: BN015435.D
Acq: 09 Jul 2021 07:52

Tgt Ion:276 Resp: 5649

Ion	Ratio	Lower	Upper
276	100		
138	26.5	26.3	39.5
227	0.8	0.1	0.1#



Instrument :
BNA_N
ClientSampleId :
BGDS5

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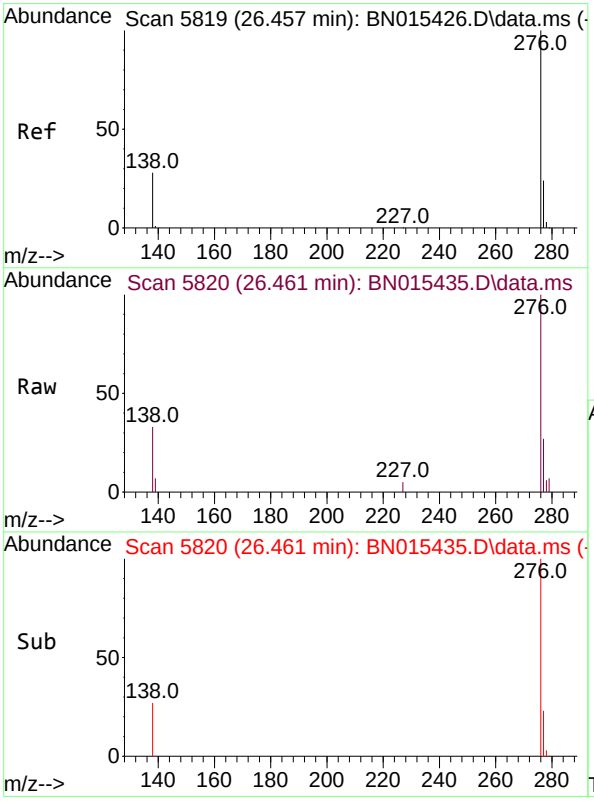

#29
Benzo(g,h,i)perylene
Concen: 0.141 ng/ul
RT: 26.461 min Scan# 5820
Delta R.T. -0.003 min
Lab File: BN015435.D
Acq: 09 Jul 2021 07:52

Tgt Ion:276 Resp: 5571

Ion	Ratio	Lower	Upper
276	100		
138	33.0	23.0	34.4
277	27.5	19.3	28.9