Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
Data File : BN015158.D
Acq On : 27 Jun 2021 18:03
Operator : CG/JU
Sample : M2704-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDB9

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Quant Time: Jun 28 05:35:08 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 : Mon Jun 28 05:16:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	4163	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	15190	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.353	164	8551	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.098	188	17728m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.299	240	15272	0.400	ng/ul	-0.01
23) Perylene-d12	23.543	264	15133	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	23136	4.931	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	7158	0.300	ng/ul	-0.01
18) Fluoranthene-d10	19.132	212	15667	0.312	ng/ul	-0.02
Target Compounds						Qvalue
15) Phenanthrene	17.141	178	2014	0.031	ng/ul#	90
19) Fluoranthene	19.159	202	4819	0.068	ng/ul#	92
20) Pyrene	19.527	202	3898	0.055	ng/ul#	90
21) Benzo(a)anthracene	21.284	228	3320	0.059	ng/ul#	88
22) Chrysene	21.334	228	3276	0.048	ng/ul#	91
24) Benzo(b)fluoranthene	22.871	252	4484m	0.063	ng/ul	
25) Benzo(k)fluoranthene	22.915	252	1823m	0.023	ng/ul	
26) Benzo(a)pyrene	23.450	252	2458	0.041	ng/ul#	16
27) Indeno(1,2,3-cd)pyrene	25.800	276	1638	0.023	ng/ul#	91
29) Benzo(g,h,i)perylene	26.494	276	1431	0.022	ng/ul#	68

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

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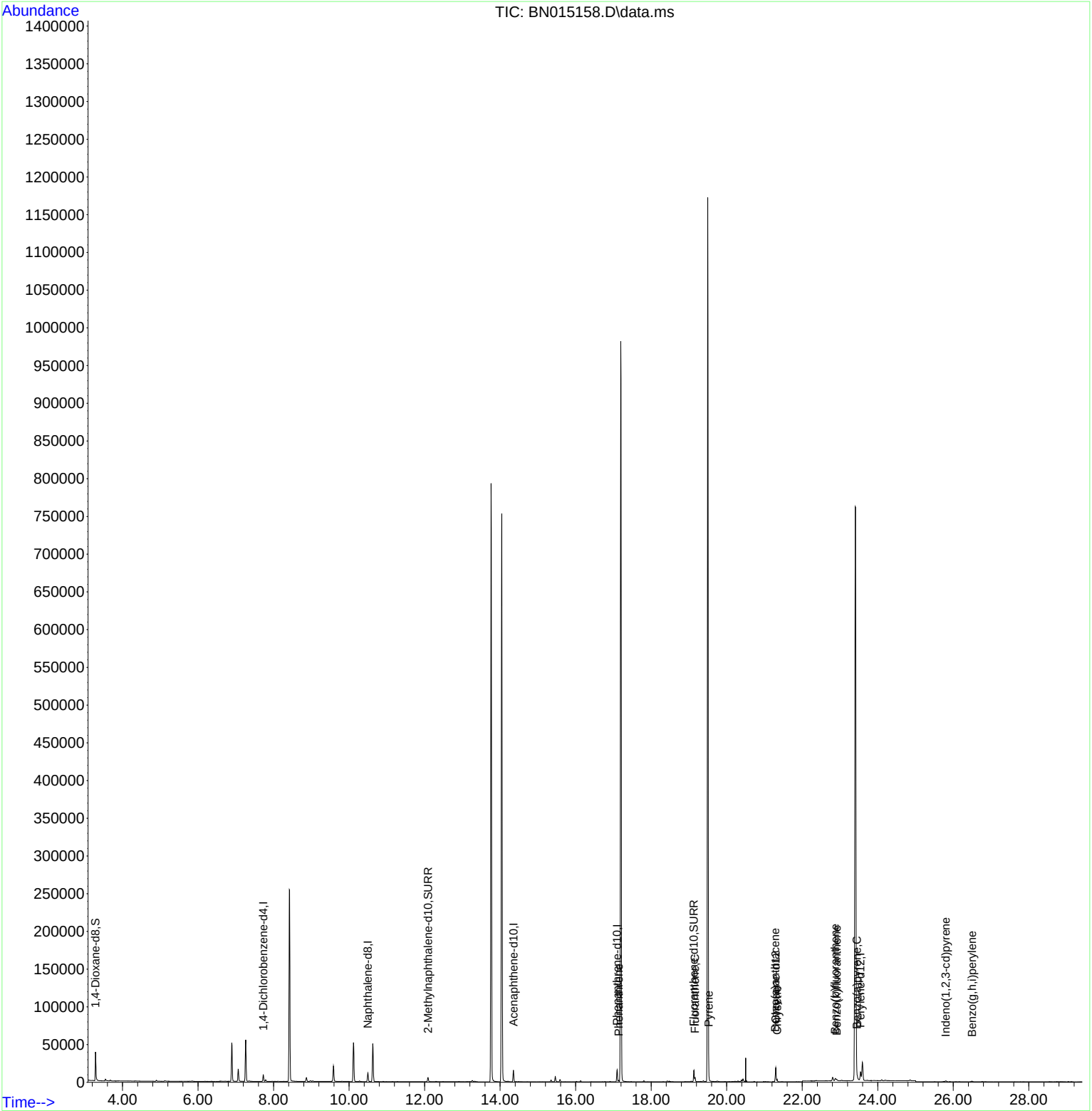
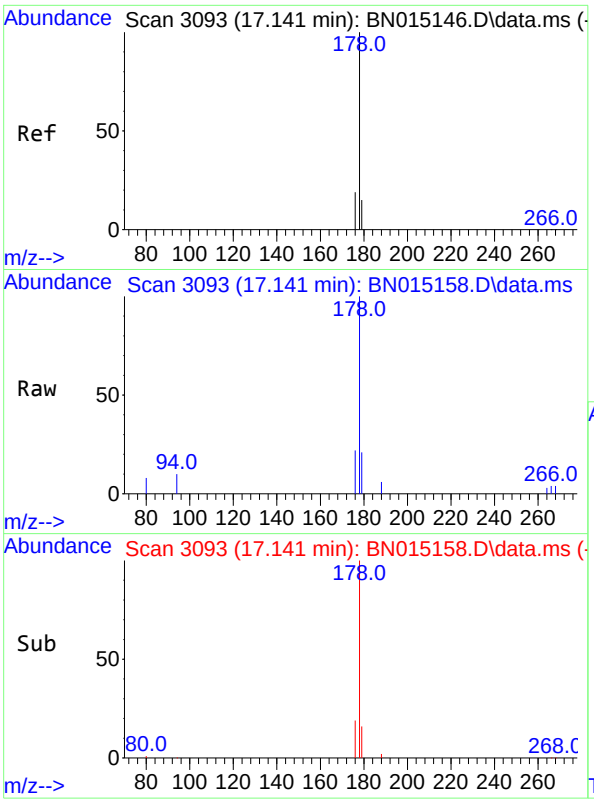
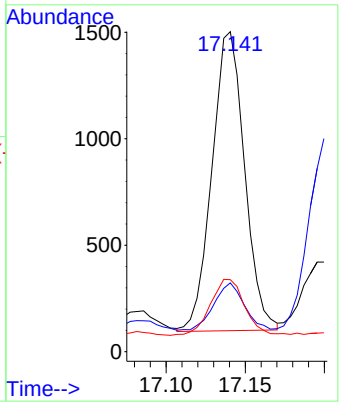


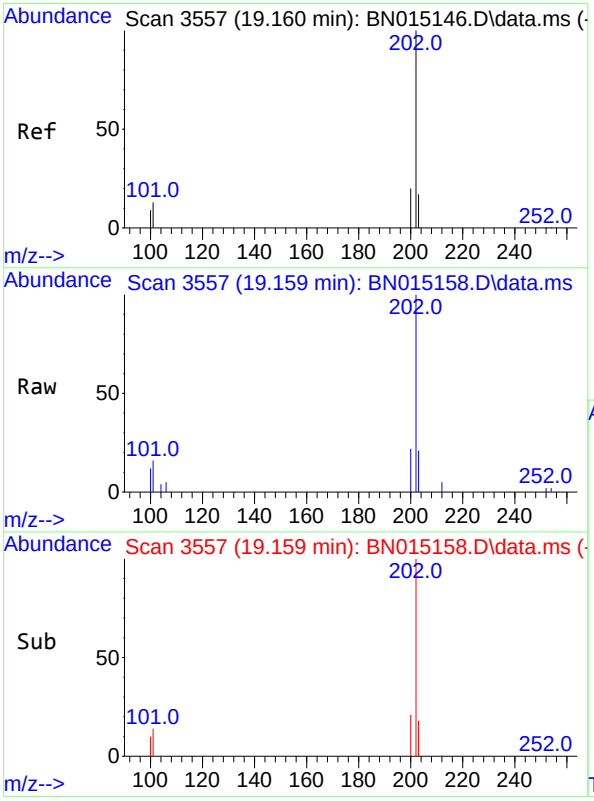


#15
Phenanthrene
Concen: 0.031 ng/ul
RT: 17.141 min Scan# 3093
Delta R.T. -0.010 min
Lab File: BN015158.D
Acq: 27 Jun 2021 18:03

Tgt Ion:178 Resp: 2014

Ion	Ratio	Lower	Upper
178	100		
179	21.5	12.3	18.5#
176	22.5	15.5	23.3

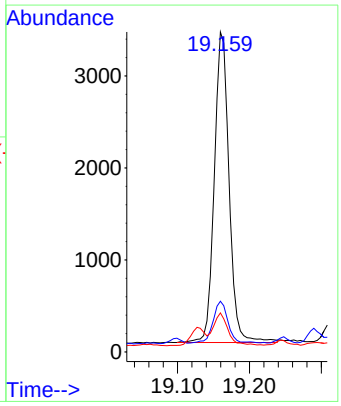




#19
Fluoranthene
Concen: 0.068 ng/ul
RT: 19.159 min Scan# 3557
Delta R.T. -0.016 min
Lab File: BN015158.D
Acq: 27 Jun 2021 18:03

Tgt Ion:202 Resp: 4819

Ion	Ratio	Lower	Upper
202	100		
101	15.8	10.1	15.1#
100	12.2	7.4	11.0#



Instrument :
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ClientSampleId :
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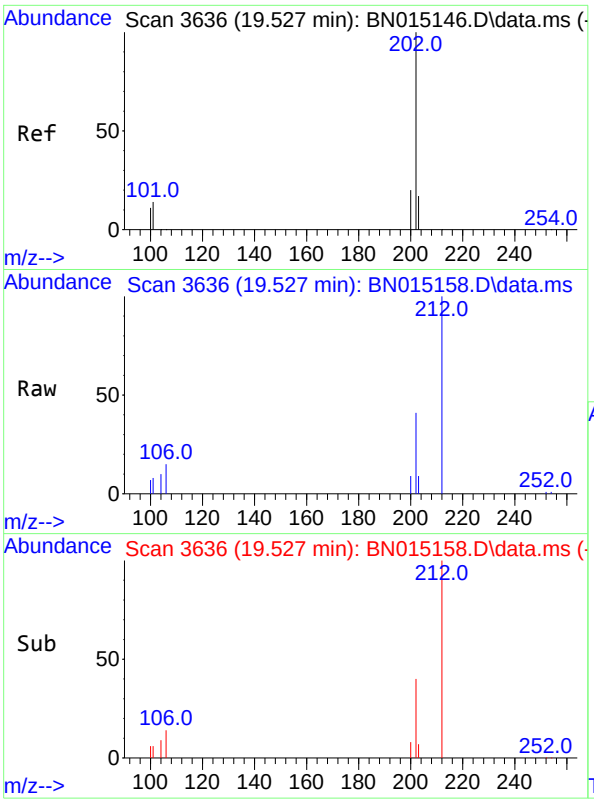
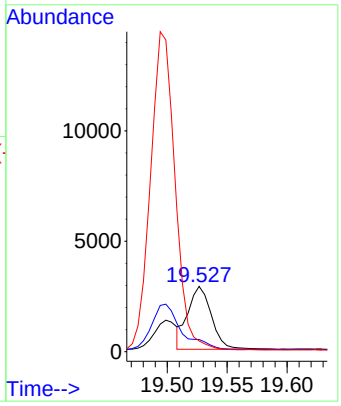


#20
Pyrene
Concen: 0.055 ng/ul
RT: 19.527 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BN015158.D
Acq: 27 Jun 2021 18:03

Tgt Ion:202 Resp: 3898

Ion	Ratio	Lower	Upper
202	100		
101	18.7	12.0	18.0#
100	16.5	9.6	14.4#



Instrument :
BNA_N
ClientSampleId :
BGDB9

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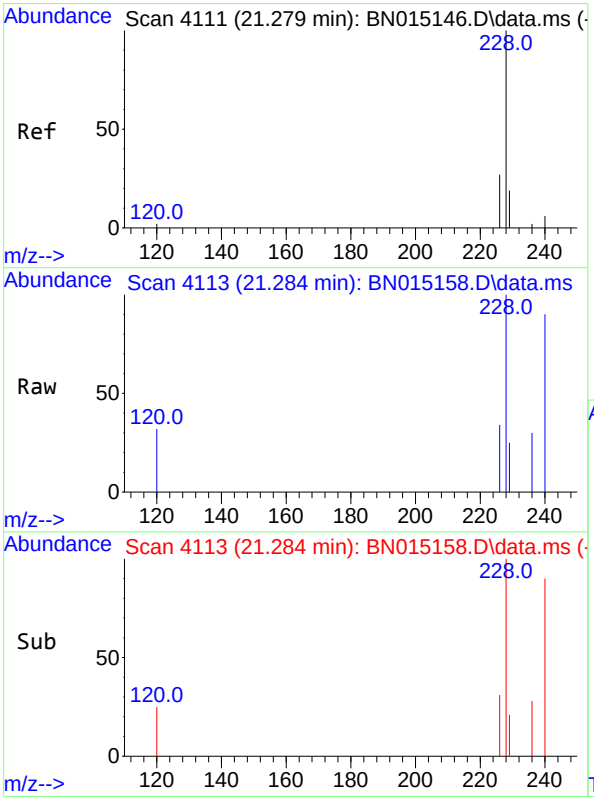
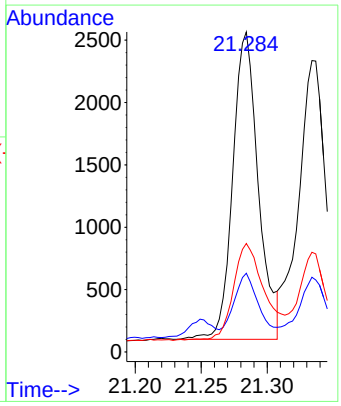
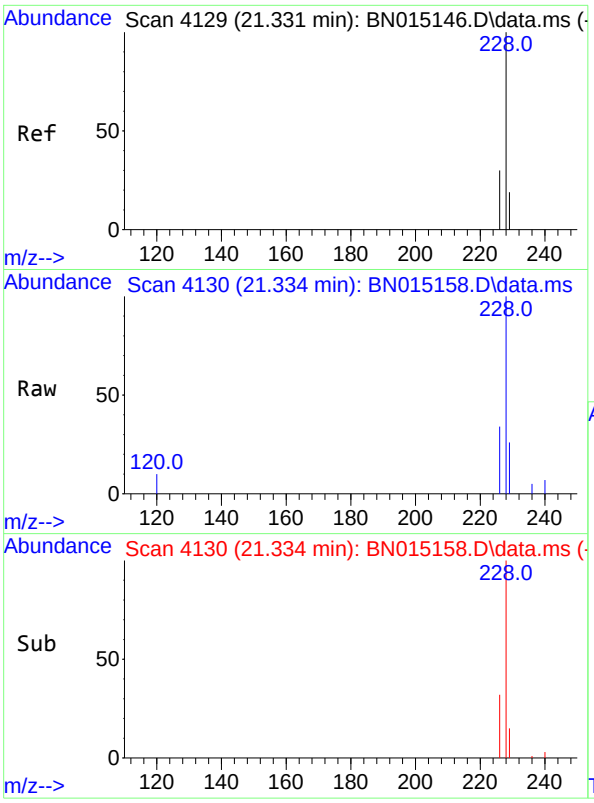


#21
Benzo(a)anthracene
Concen: 0.059 ng/ul
RT: 21.284 min Scan# 4113
Delta R.T. -0.012 min
Lab File: BN015158.D
Acq: 27 Jun 2021 18:03

Tgt Ion:228 Resp: 3320

Ion	Ratio	Lower	Upper
228	100		
229	24.6	15.8	23.8#
226	33.9	21.8	32.8#

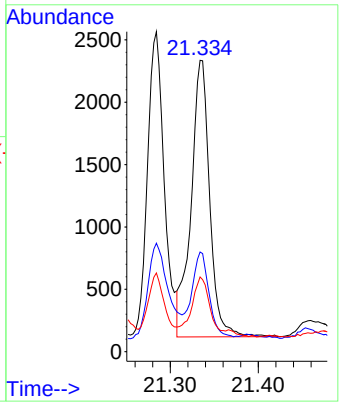




#22
Chrysene
Concen: 0.048 ng/ul
RT: 21.334 min Scan# 4130
Delta R.T. -0.015 min
Lab File: BN015158.D
Acq: 27 Jun 2021 18:03

Tgt Ion:228 Resp: 3276

Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.6	37.0
229	25.6	15.7	23.5#



Instrument :
BNA_N
ClientSampleId :
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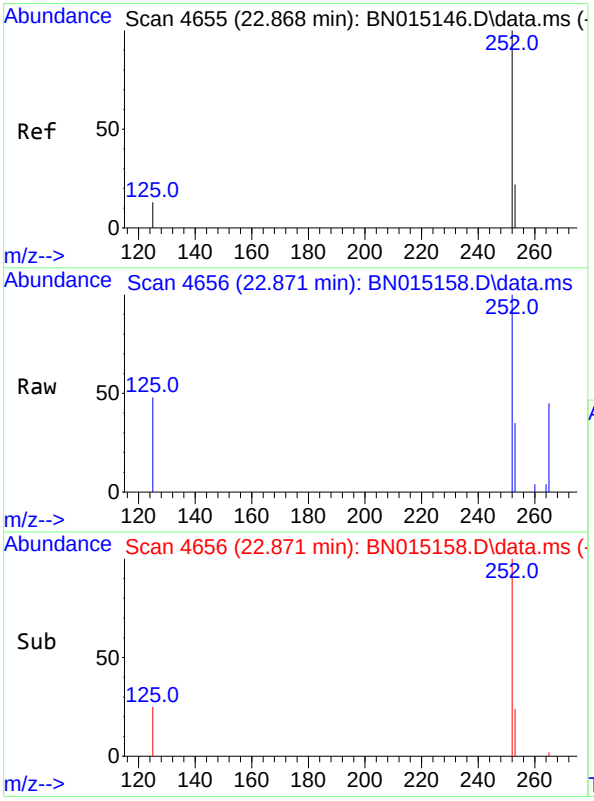
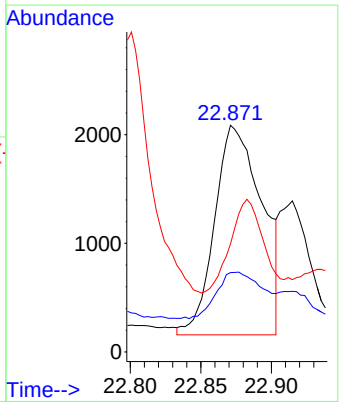
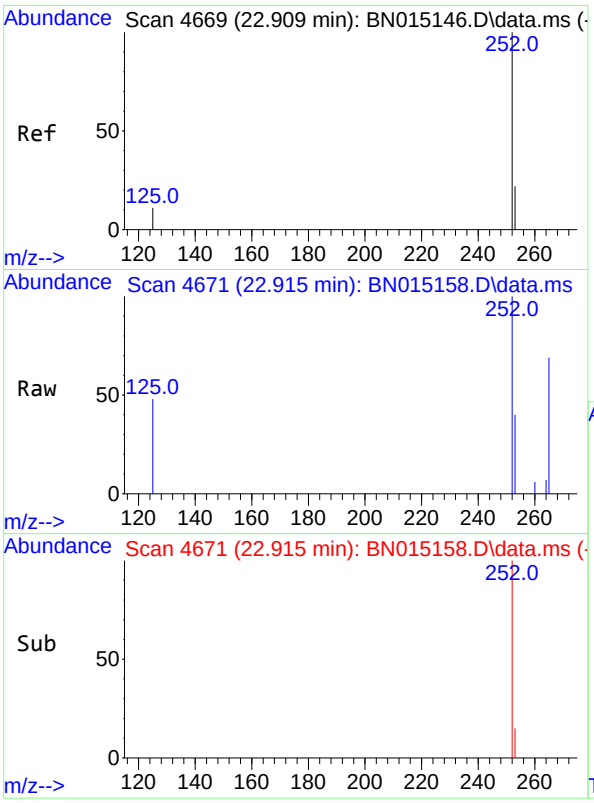


#24
Benzo(b)fluoranthene
Concen: 0.063 ng/ul m
RT: 22.871 min Scan# 4656
Delta R.T. -0.024 min
Lab File: BN015158.D
Acq: 27 Jun 2021 18:03

Tgt Ion:252 Resp: 4484

Ion	Ratio	Lower	Upper
252	100		
253	35.0	0.0	45.6
125	47.7	0.0	28.4#

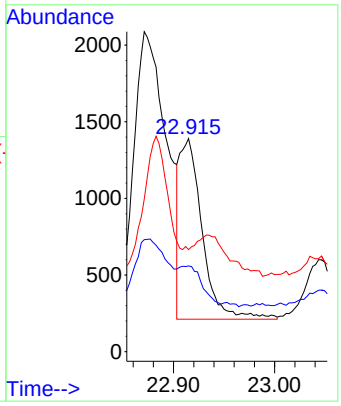


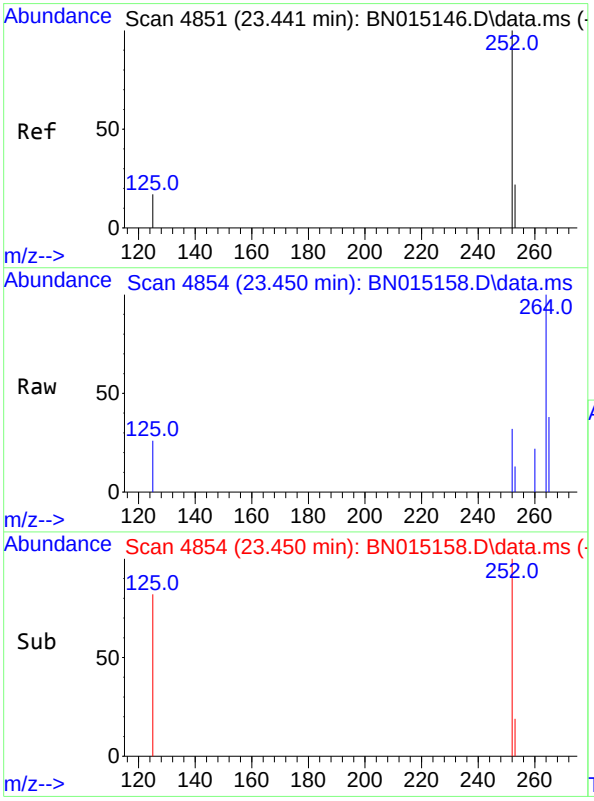


#25
Benzo(k)fluoranthene
Concen: 0.023 ng/ul m
RT: 22.915 min Scan# 4671
Delta R.T. -0.024 min
Lab File: BN015158.D
Acq: 27 Jun 2021 18:03

Tgt Ion:252 Resp: 1823

Ion	Ratio	Lower	Upper
252	100		
253	40.2	18.1	27.1#
125	47.9	11.5	17.3#

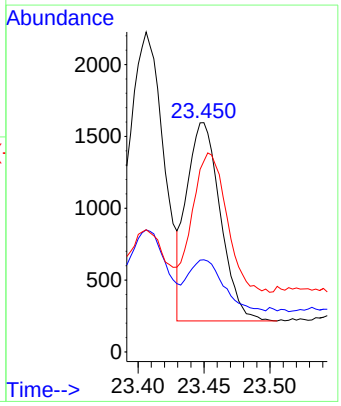




#26
Benzo(a)pyrene
Concen: 0.041 ng/ul
RT: 23.450 min Scan# 4854
Delta R.T. -0.021 min
Lab File: BN015158.D
Acq: 27 Jun 2021 18:03

Tgt Ion:252 Resp: 2458

Ion	Ratio	Lower	Upper
252	100		
253	40.2	18.9	28.3#
125	83.2	13.5	20.3#



Instrument :
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ClientSampleId :
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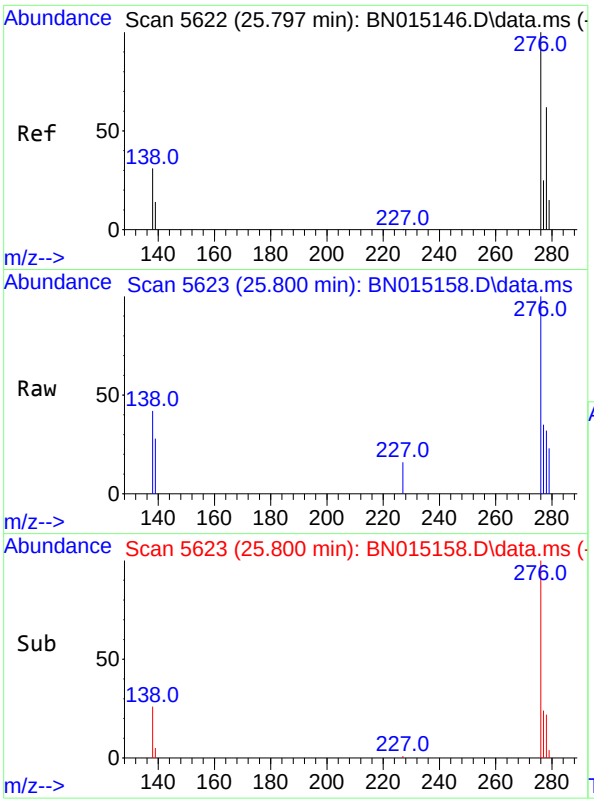
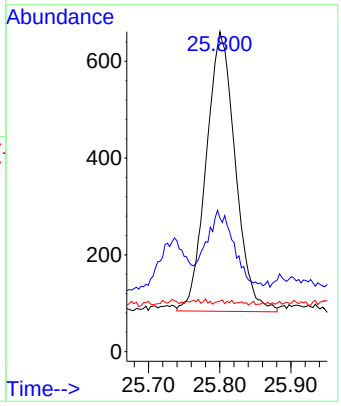
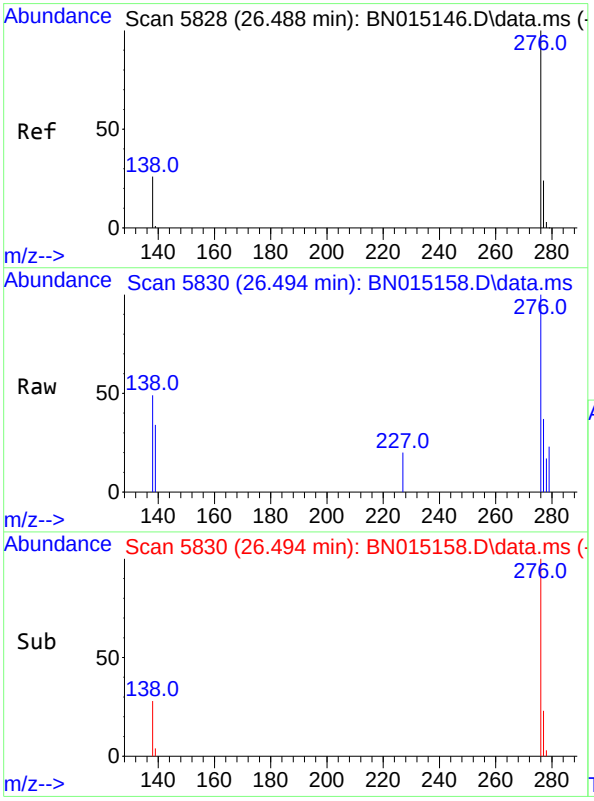


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/ul
RT: 25.800 min Scan# 5623
Delta R.T. -0.040 min
Lab File: BN015158.D
Acq: 27 Jun 2021 18:03

Tgt Ion:276 Resp: 1638

Ion	Ratio	Lower	Upper
276	100		
138	27.5	26.3	39.5
227	0.5	0.1	0.1#

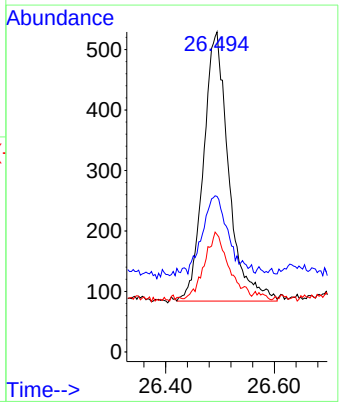




#29
Benzo(g,h,i)perylene
Concen: 0.022 ng/ul
RT: 26.494 min Scan# 5830
Delta R.T. -0.030 min
Lab File: BN015158.D
Acq: 27 Jun 2021 18:03

Tgt Ion:276 Resp: 1431

Ion	Ratio	Lower	Upper
276	100		
138	48.6	23.0	34.4#
277	36.7	19.3	28.9#



Instrument :
BNA_N
ClientSampleId :
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