Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
Data File : BN019830.D
Acq On : 18 May 2022 14:31
Operator : CG/JU
Sample : N2766-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4G9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

Quant Time: May 19 03:19:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4292	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	14769	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	9439	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	21675	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.404	240	19307	0.400	ng/ul	# 0.00
23) Perylene-d12	23.746	264	17900	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	12999m	2.559	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	4010	0.179	ng/ul	0.00
18) Fluoranthene-d10	19.243	212	10785	0.177	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.255	178	9227	0.116	ng/ul#	85
19) Fluoranthene	19.271	202	15917	0.180	ng/ul#	92
20) Pyrene	19.634	202	15557m	0.176	ng/ul	
21) Benzo(a)anthracene	21.387	228	6848	0.095	ng/ul#	60
22) Chrysene	21.439	228	9411	0.111	ng/ul#	63
24) Benzo(b)fluoranthene	23.041	252	9967m	0.110	ng/ul	
25) Benzo(k)fluoranthene	23.076	252	3304m	0.038	ng/ul	
26) Benzo(a)pyrene	23.643	252	5743	0.074	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.149	276	3825	0.040	ng/ul#	79
29) Benzo(g,h,i)perylene	26.890	276	3707	0.042	ng/ul#	18

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

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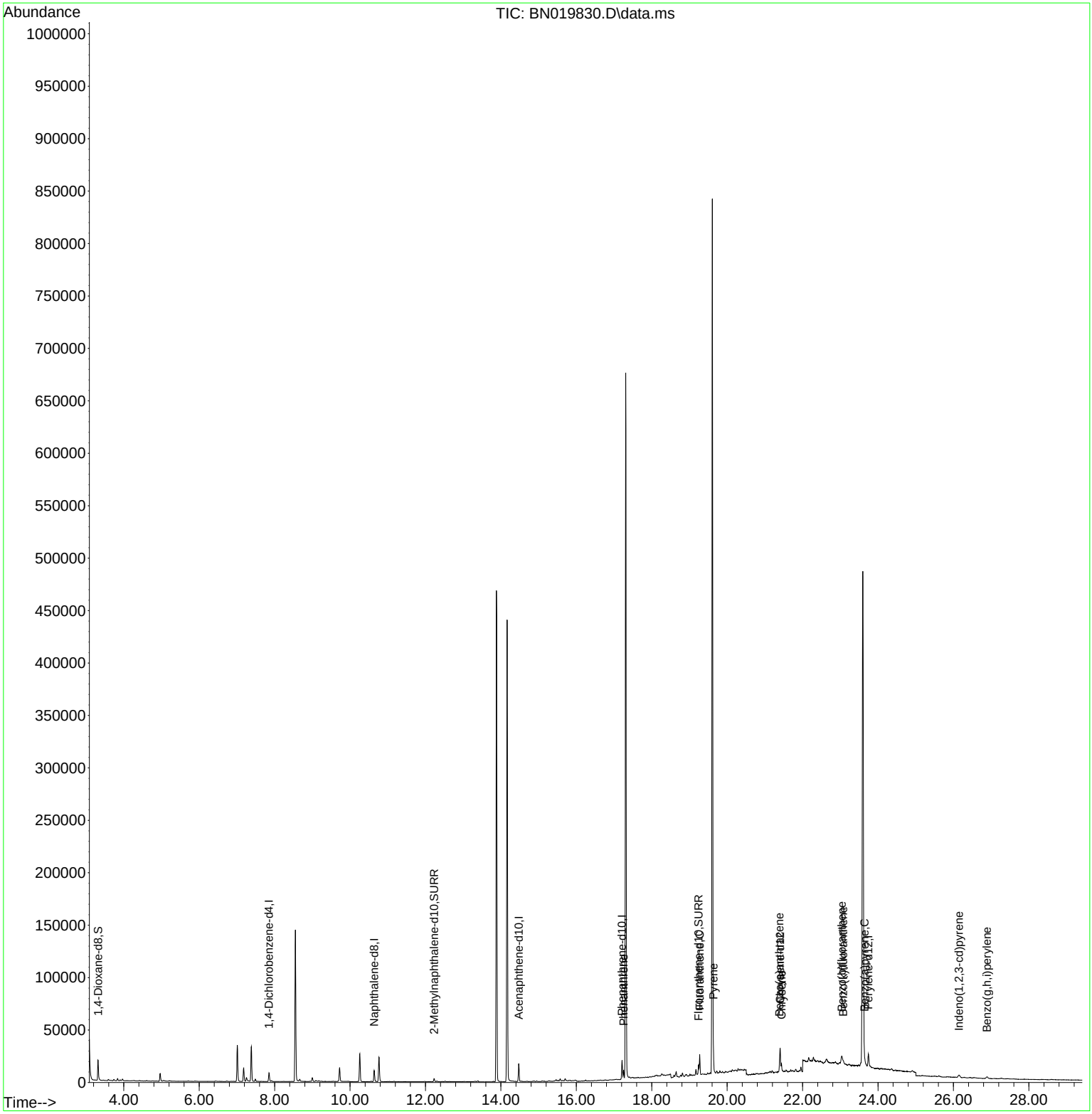
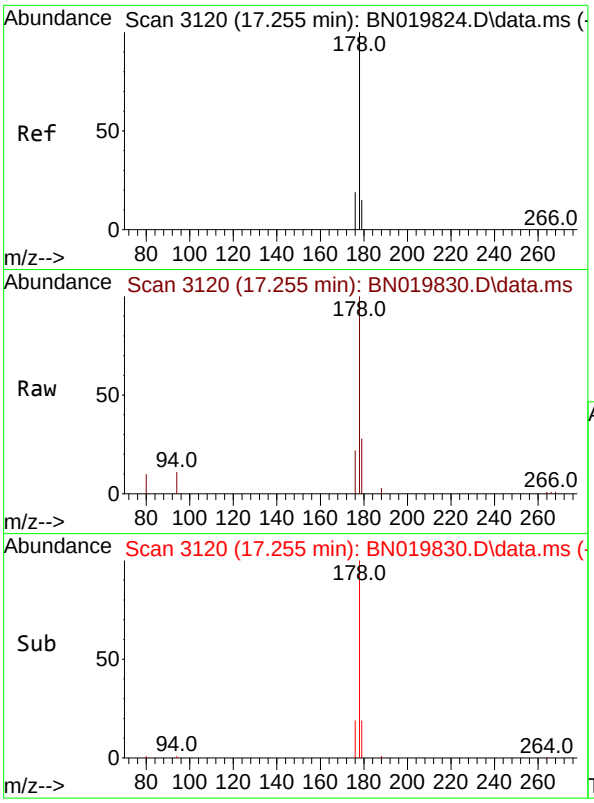
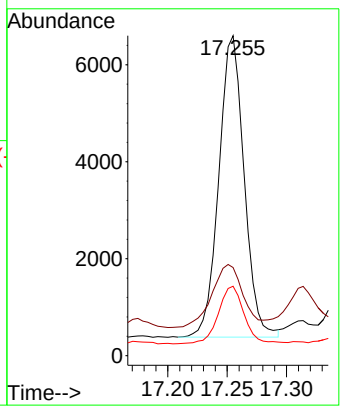




#15
Phenanthrene
Concen: 0.116 ng/ul
RT: 17.255 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019830.D
Acq: 18 May 2022 14:31

Tgt Ion:178 Resp: 922

Ion	Ratio	Lower	Upper
178	100		
179	27.6	12.9	19.3#
176	21.7	15.5	23.3



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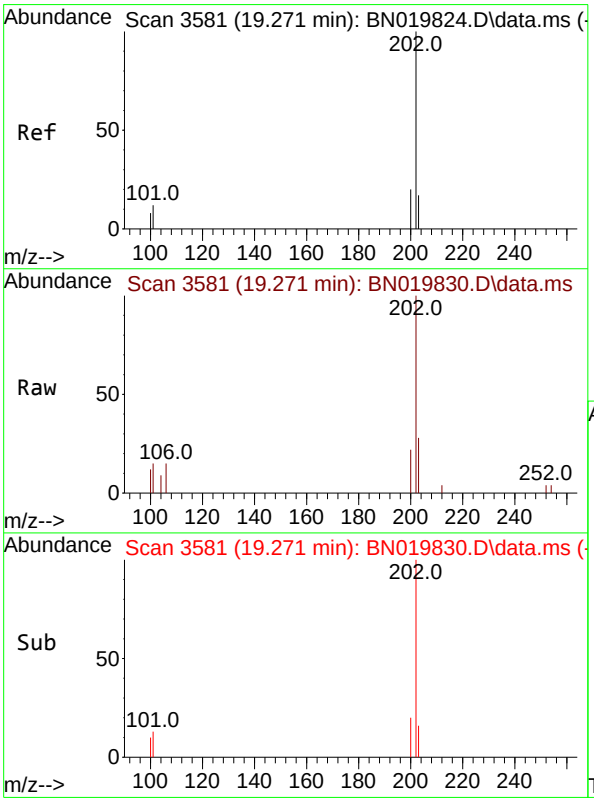
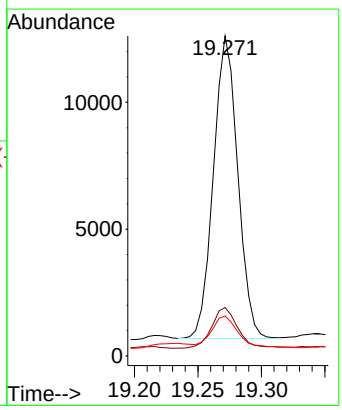
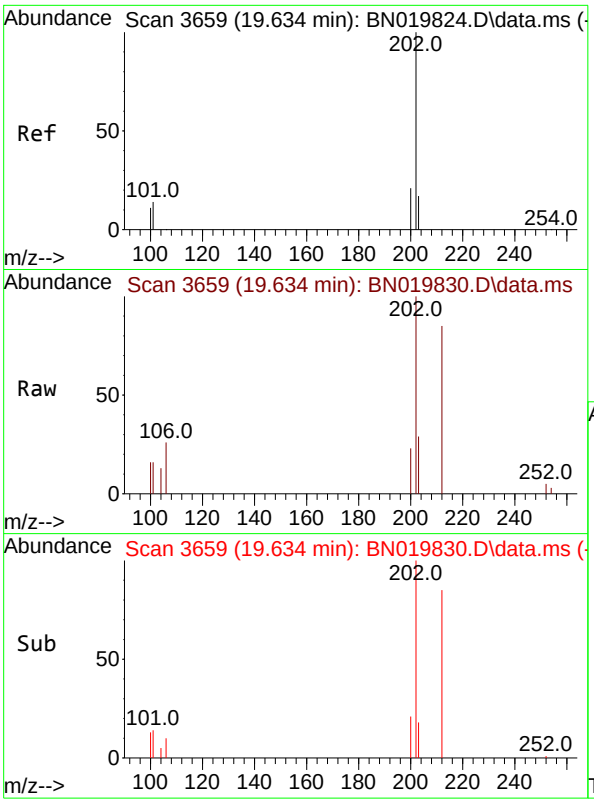


#19
Fluoranthene
Concen: 0.180 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN019830.D
Acq: 18 May 2022 14:31

Tgt Ion:202 Resp: 15917

Ion	Ratio	Lower	Upper
202	100		
101	15.2	9.7	14.5#
100	12.5	7.4	11.2#

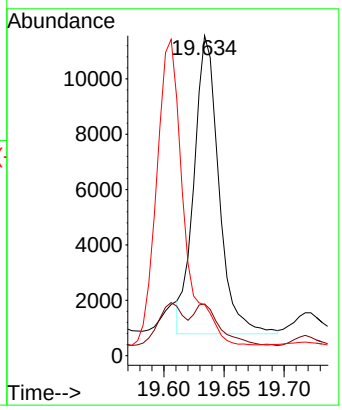




#20
Pyrene
Concen: 0.176 ng/ul m
RT: 19.634 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019830.D
Acq: 18 May 2022 14:31

Tgt Ion:202 Resp: 1555

Ion	Ratio	Lower	Upper
202	100		
101	16.2	11.4	17.0
100	15.9	9.0	13.4#



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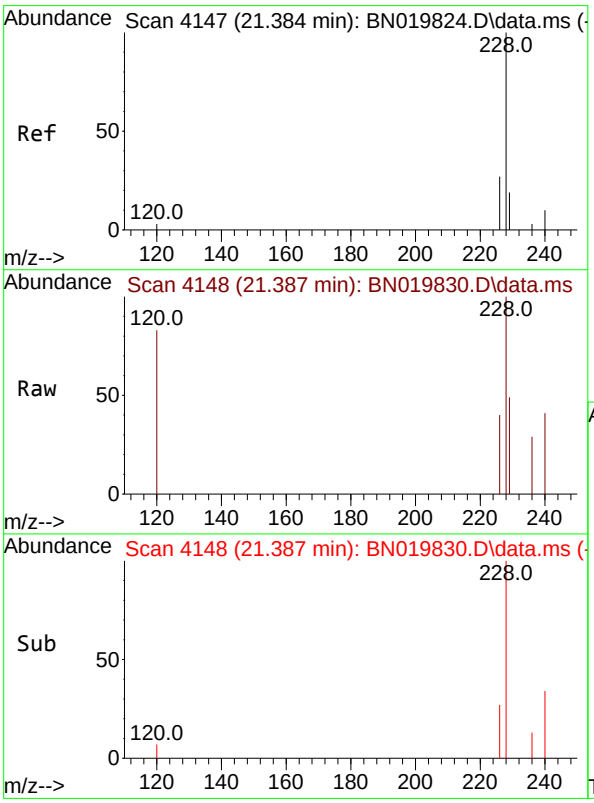
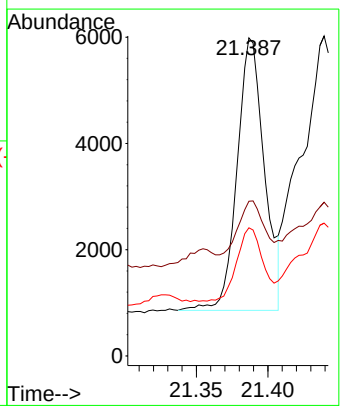
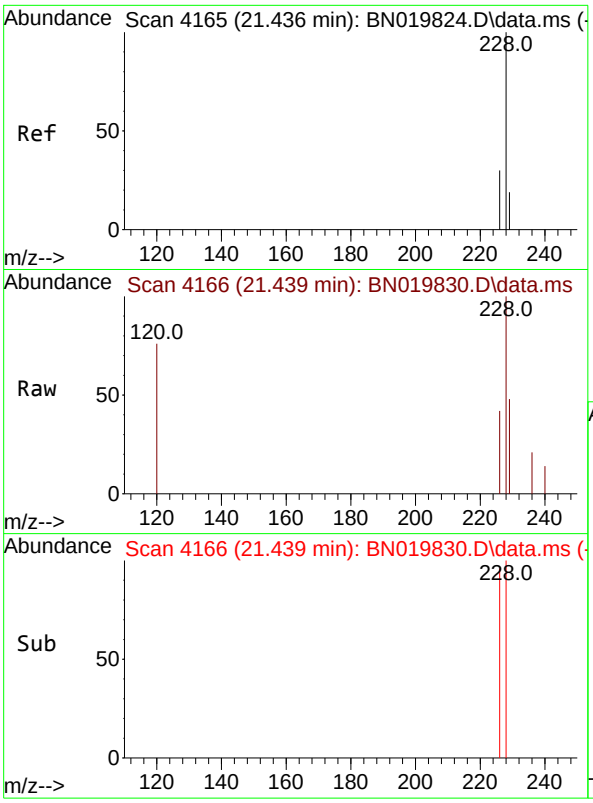


#21
Benzo(a)anthracene
Concen: 0.095 ng/ul
RT: 21.387 min Scan# 4148
Delta R.T. -0.001 min
Lab File: BN019830.D
Acq: 18 May 2022 14:31

Tgt Ion:228 Resp: 6848

Ion	Ratio	Lower	Upper
228	100		
229	48.6	16.1	24.1#
226	40.3	22.1	33.1#





#22
Chrysene
Concen: 0.111 ng/ul
RT: 21.439 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN019830.D
Acq: 18 May 2022 14:31

Tgt Ion:228 Resp: 941

Ion	Ratio	Lower	Upper
228	100		
226	41.5	24.2	36.2#
229	48.0	16.0	24.0#

Instrument :
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ClientSampleId :
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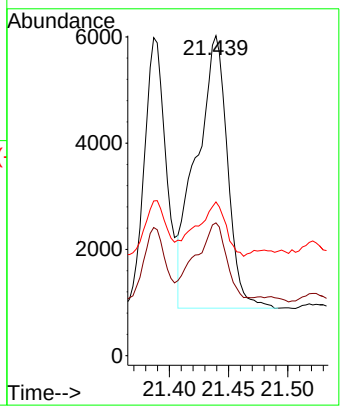
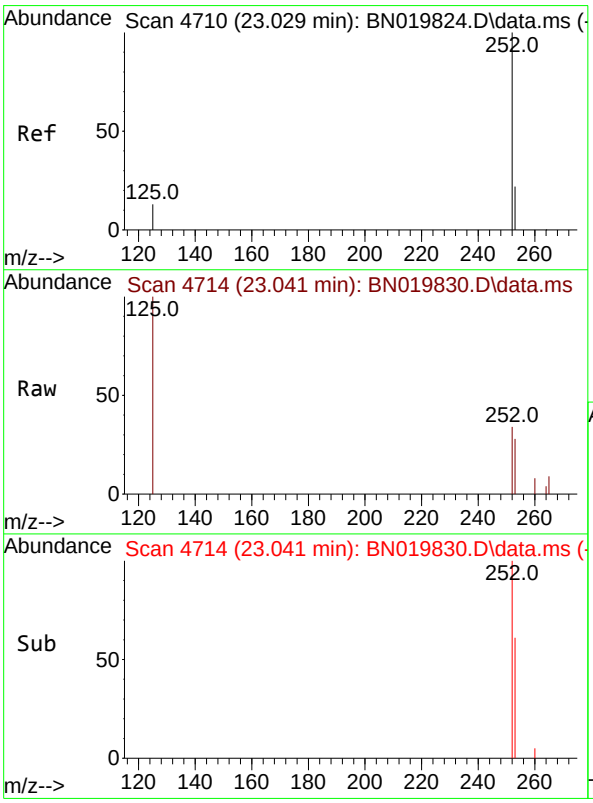
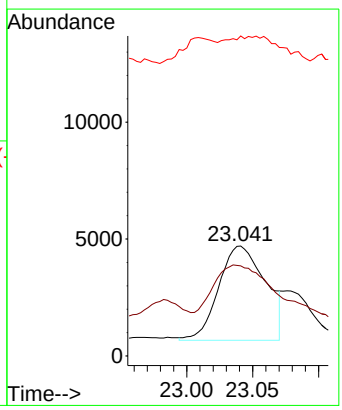


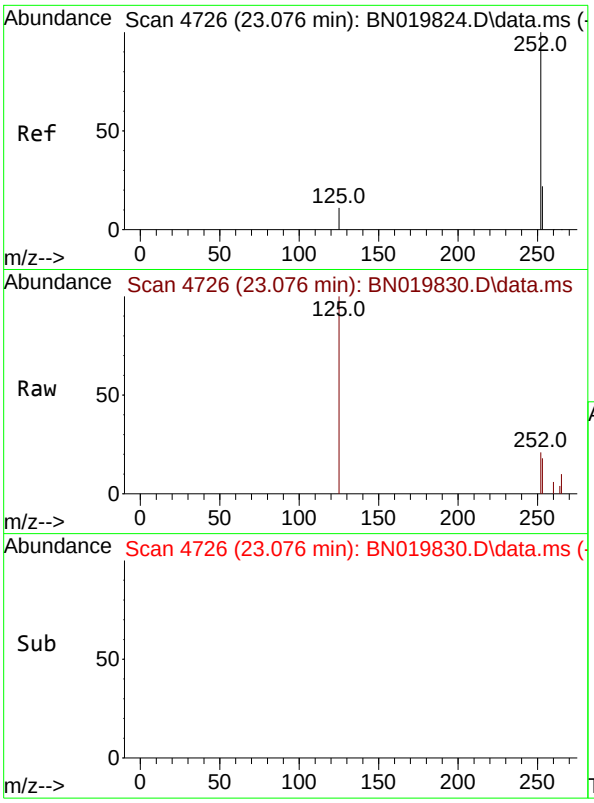


#24
Benzo(b)fluoranthene
Concen: 0.110 ng/ul m
RT: 23.041 min Scan# 4714
Delta R.T. 0.008 min
Lab File: BN019830.D
Acq: 18 May 2022 14:31

Tgt Ion:252 Resp: 9967

Ion	Ratio	Lower	Upper
252	100		
253	81.9	0.0	52.0#
125	291.0	0.0	40.2#

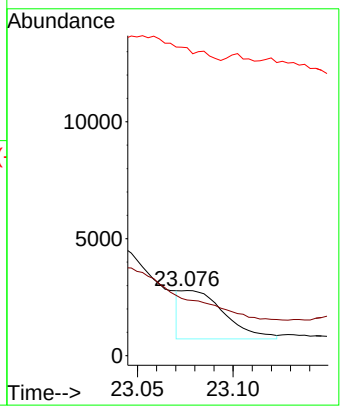




#25
Benzo(k)fluoranthene
Concen: 0.038 ng/ul m
RT: 23.076 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN019830.D
Acq: 18 May 2022 14:31

Tgt Ion:252 Resp: 330

Ion	Ratio	Lower	Upper
252	100		
253	85.6	20.2	30.2#
125	472.8	11.0	16.6#



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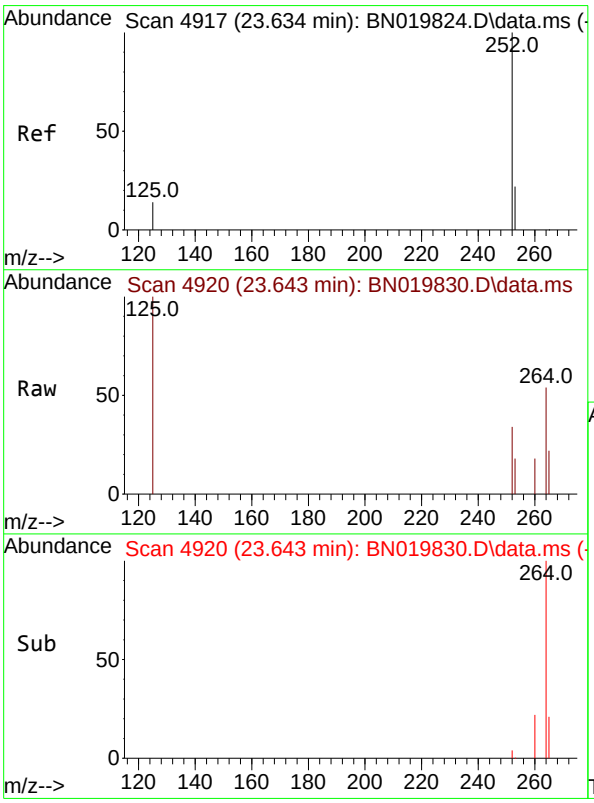
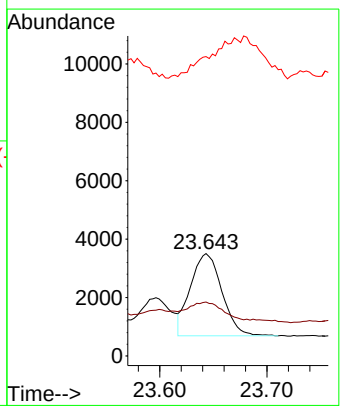
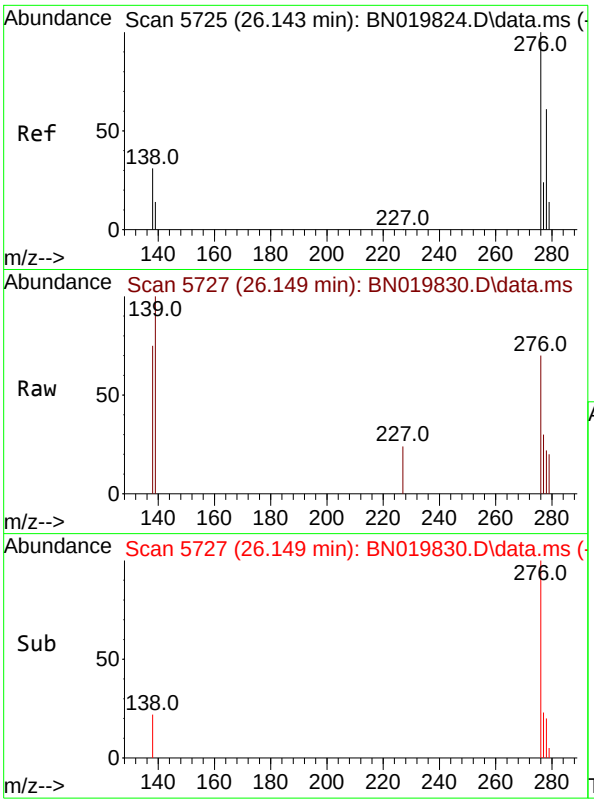


#26
Benzo(a)pyrene
Concen: 0.074 ng/ul
RT: 23.643 min Scan# 4920
Delta R.T. 0.005 min
Lab File: BN019830.D
Acq: 18 May 2022 14:31

Tgt Ion:252 Resp: 5743

Ion	Ratio	Lower	Upper
252	100		
253	52.7	23.4	35.0#
125	292.2	28.3	42.5#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.040 ng/ul
RT: 26.149 min Scan# 5
Delta R.T. 0.002 min
Lab File: BN019830.D
Acq: 18 May 2022 14:31

Tgt Ion:276 Resp: 382

Ion	Ratio	Lower	Upper
276	100		
138	40.8	23.6	35.4#
227	0.0	0.0	0.0

Instrument :
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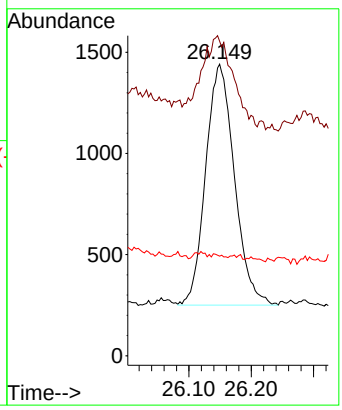

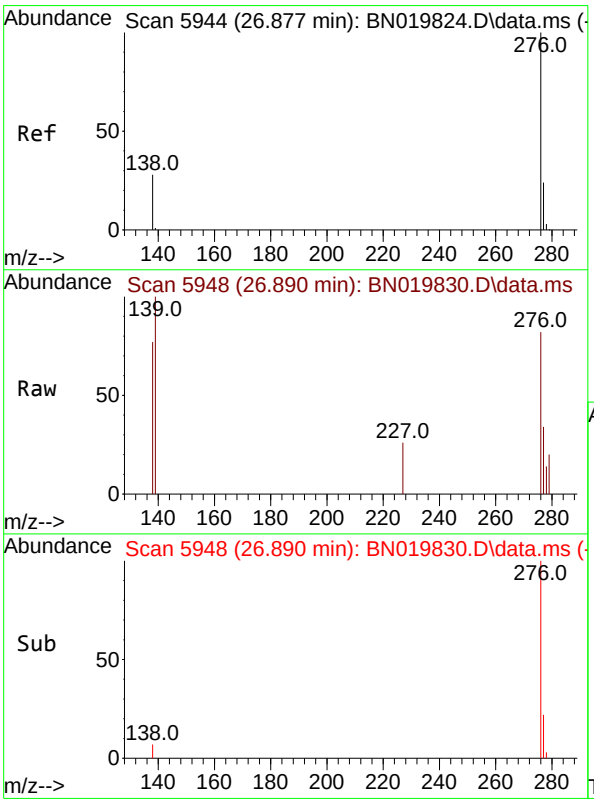

#29
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 26.890 min Scan# 5948
Delta R.T. 0.012 min
Lab File: BN019830.D
Acq: 18 May 2022 14:31

Tgt Ion:276 Resp: 3707

Ion	Ratio	Lower	Upper
276	100		
138	93.6	20.9	31.3#
277	41.3	20.4	30.6#