Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
Data File : BN017425.D
Acq On : 14 Nov 2021 12:23
Operator : CG/JU
Sample : M4524-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BG326

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 15 04:49:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 02:31:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	6851	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.667	136	24787	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.502	164	14457	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.243	188	27773	0.400	ng/ul	0.00
17) Chrysene-d12	21.427	240	20268	0.400	ng/ul	#-0.01
23) Perylene-d12	23.797	264	21405	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	35079	4.668	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.257	152	12820	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.272	212	31562	0.433	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.717	128	3006	0.044	ng/ul#	93
11) Acenaphthene	14.563	153	29294	0.590	ng/ul	99
12) Fluorene	15.548	166	2032	0.035	ng/ul#	93
19) Fluoranthene	19.300	202	41175	0.438	ng/ul	99
20) Pyrene	19.662	202	27778m	0.289	ng/ul	
21) Benzo(a)anthracene	21.409	228	4415	0.059	ng/ul	93
22) Chrysene	21.465	228	4418m	0.059	ng/ul	

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

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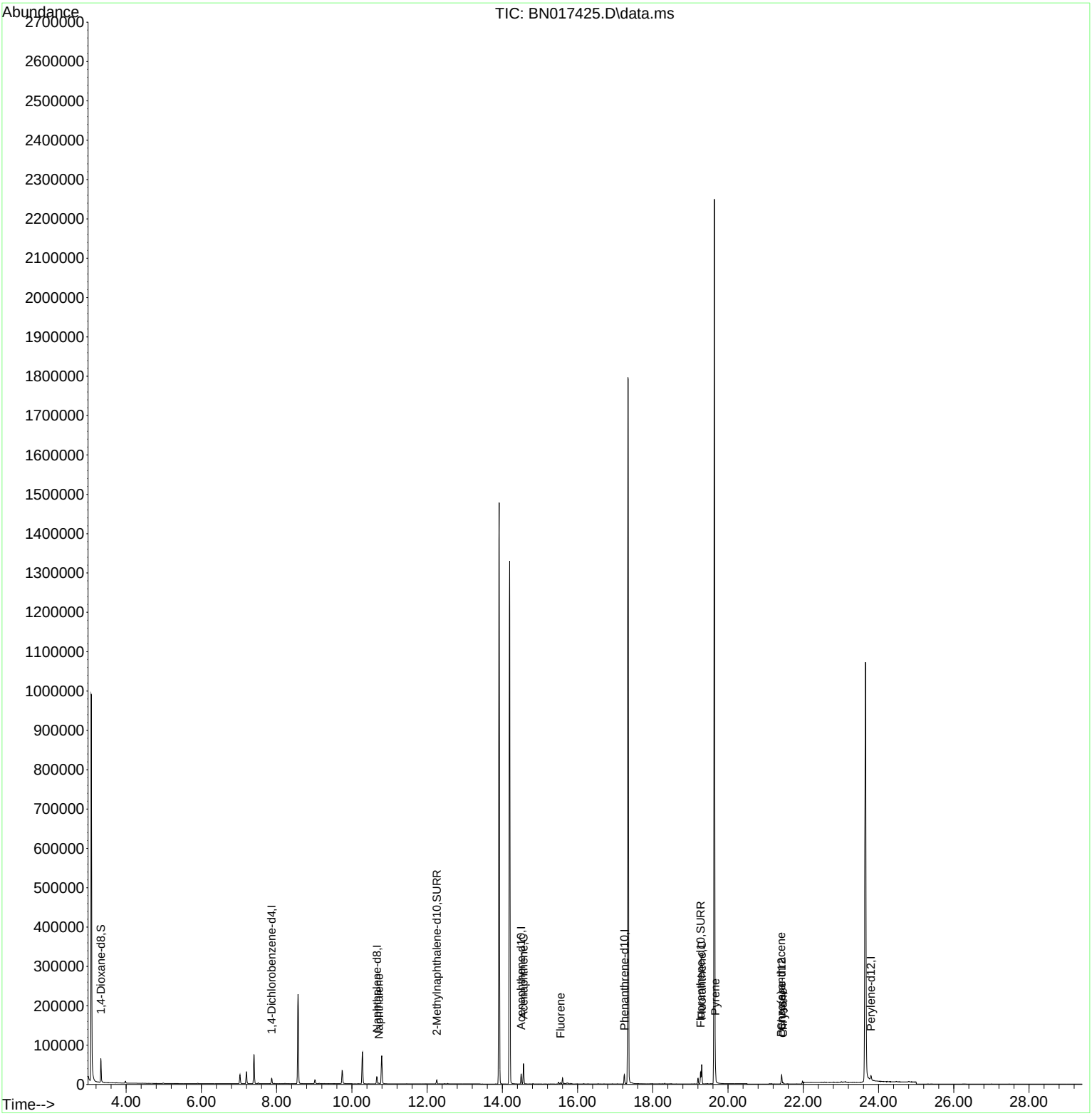

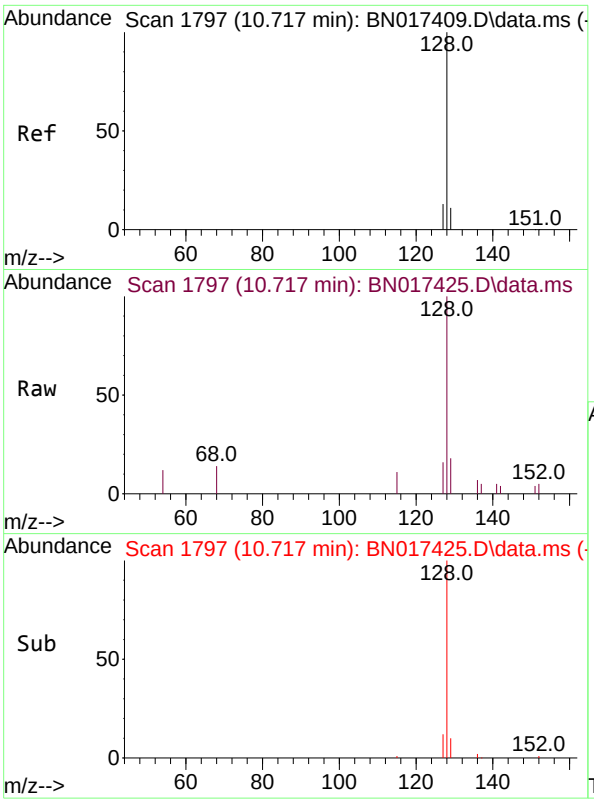

#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.717 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN017425.D
Acq: 14 Nov 2021 12:23

Tgt Ion:128 Resp: 300

Ion	Ratio	Lower	Upper
128	100		
129	17.7	10.4	15.6
127	15.6	11.8	17.6

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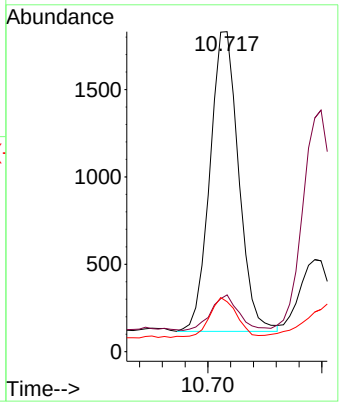
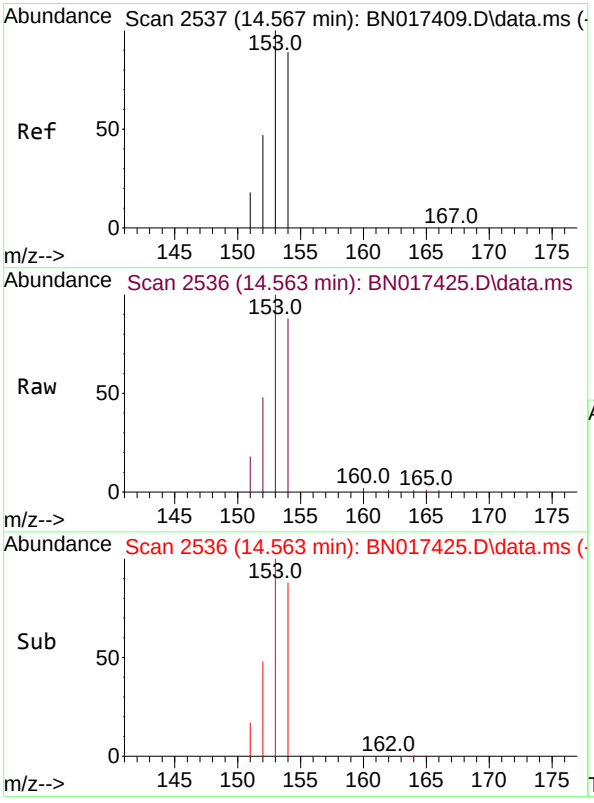
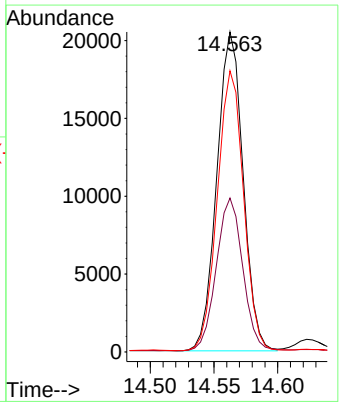


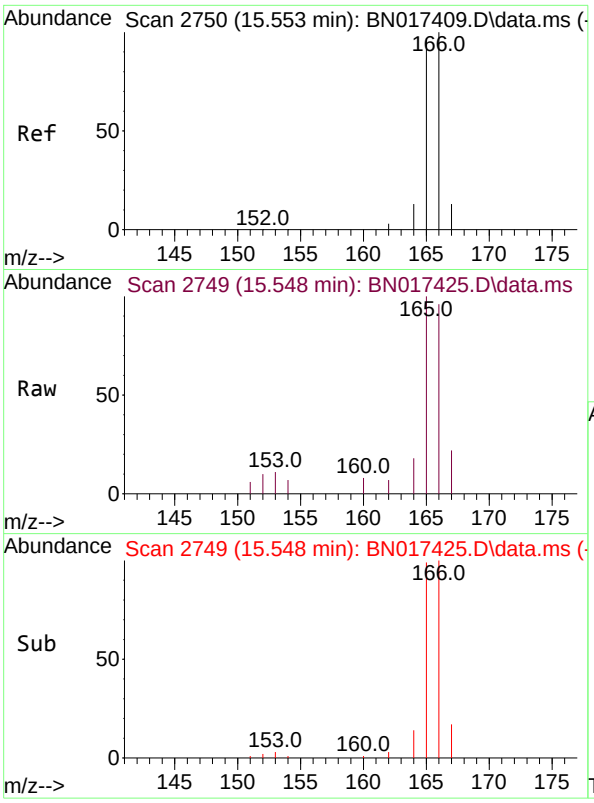


#11
Acenaphthene
Concen: 0.590 ng/ul
RT: 14.563 min Scan# 2536
Delta R.T. -0.011 min
Lab File: BN017425.D
Acq: 14 Nov 2021 12:23

Tgt Ion:153 Resp: 29294

Ion	Ratio	Lower	Upper
153	100		
152	48.1	38.3	57.5
154	87.9	71.1	106.7

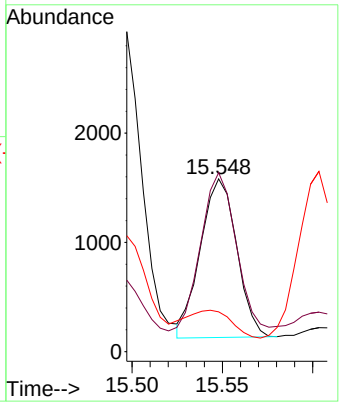




#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.548 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN017425.D
Acq: 14 Nov 2021 12:23

Tgt Ion:166 Resp: 203

Ion	Ratio	Lower	Upper
166	100		
165	103.7	79.2	118.8
167	23.0	11.2	16.8#



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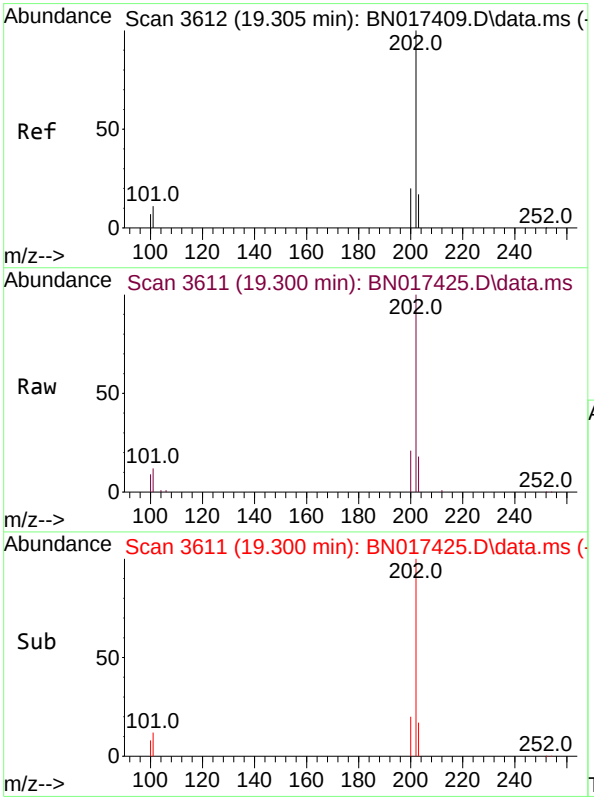
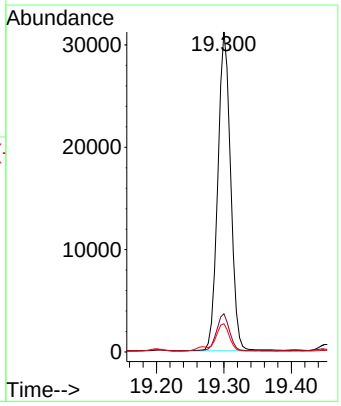
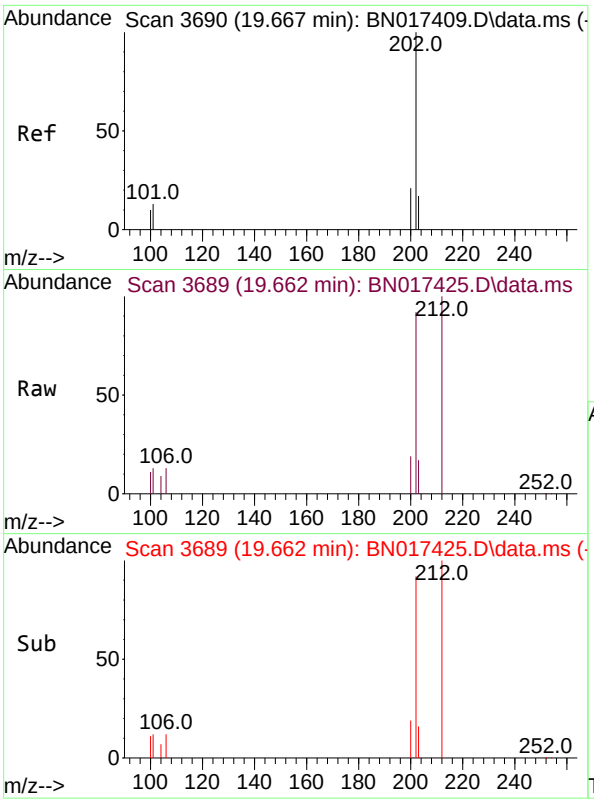


#19
Fluoranthene
Concen: 0.438 ng/ul
RT: 19.300 min Scan# 3611
Delta R.T. -0.015 min
Lab File: BN017425.D
Acq: 14 Nov 2021 12:23

Tgt Ion:202 Resp: 41175

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.0	13.4
100	8.8	6.8	10.2

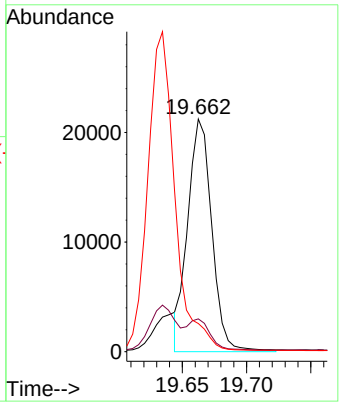




#20
Pyrene
Concen: 0.289 ng/ul m
RT: 19.662 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN017425.D
Acq: 14 Nov 2021 12:23

Tgt Ion:202 Resp: 2777

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.4	17.2
100	12.1	9.4	14.0



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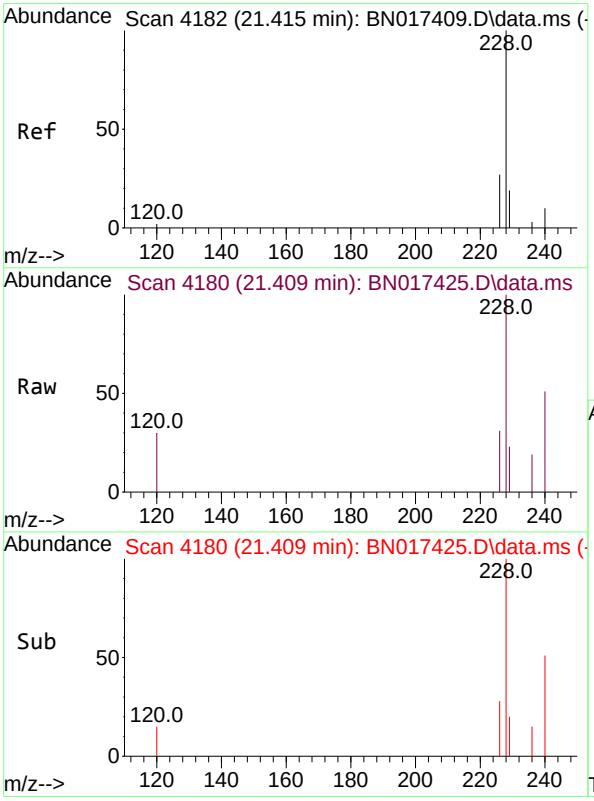
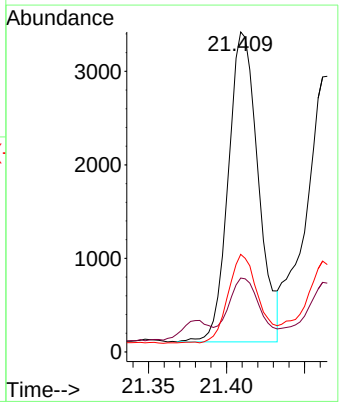
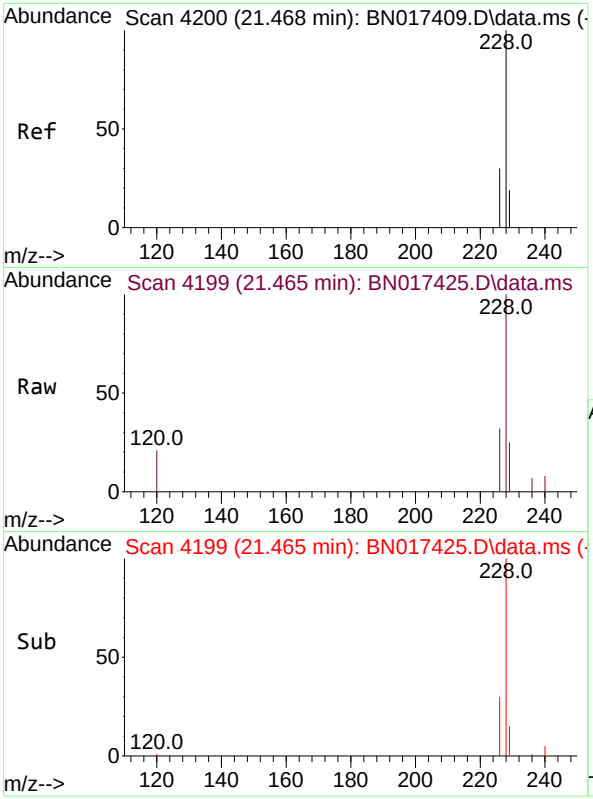


#21
Benzo(a)anthracene
Concen: 0.059 ng/ul
RT: 21.409 min Scan# 4180
Delta R.T. -0.016 min
Lab File: BN017425.D
Acq: 14 Nov 2021 12:23

Tgt Ion:228 Resp: 4415

Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.8	23.6
226	30.5	21.8	32.8

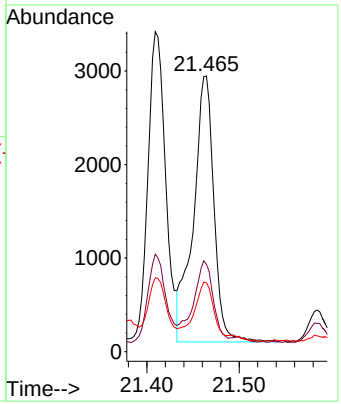




#22
Chrysene
Concen: 0.059 ng/ul m
RT: 21.465 min Scan# 4
Delta R.T. -0.013 min
Lab File: BN017425.D
Acq: 14 Nov 2021 12:23

Tgt Ion:228 Resp: 441

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.9	35.9
229	25.0	15.7	23.5#



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