Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
Data File : BN019877.D
Acq On : 20 May 2022 20:04
Operator : CG/JU
Sample : N2843-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4H5

Quant Time: May 26 04:33:23 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	4743	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	15938	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.473	164	10553	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	19427	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.403	240	16241	0.400	ng/ul	# 0.00
23) Perylene-d12	23.744	264	13946	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	15385	2.741	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	4990	0.207	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	11172	0.217	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.687	128	1463	0.028	ng/ul#	78
7) 2-Methylnaphthalene	12.299	142	4922	0.157	ng/ul#	100
8) 1-Methylnaphthalene	12.519	142	4344	0.149	ng/ul#	100
12) Fluorene	15.518	166	6600	0.143	ng/ul#	58
15) Phenanthrene	17.254	178	41441	0.580	ng/ul#	83
19) Fluoranthene	19.275	202	8119	0.109	ng/ul#	66
20) Pyrene	19.637	202	13800	0.186	ng/ul#	67
21) Benzo(a)anthracene	21.386	228	2406	0.040	ng/ul#	1
22) Chrysene	21.418	228	11775	0.165	ng/ul#	14

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

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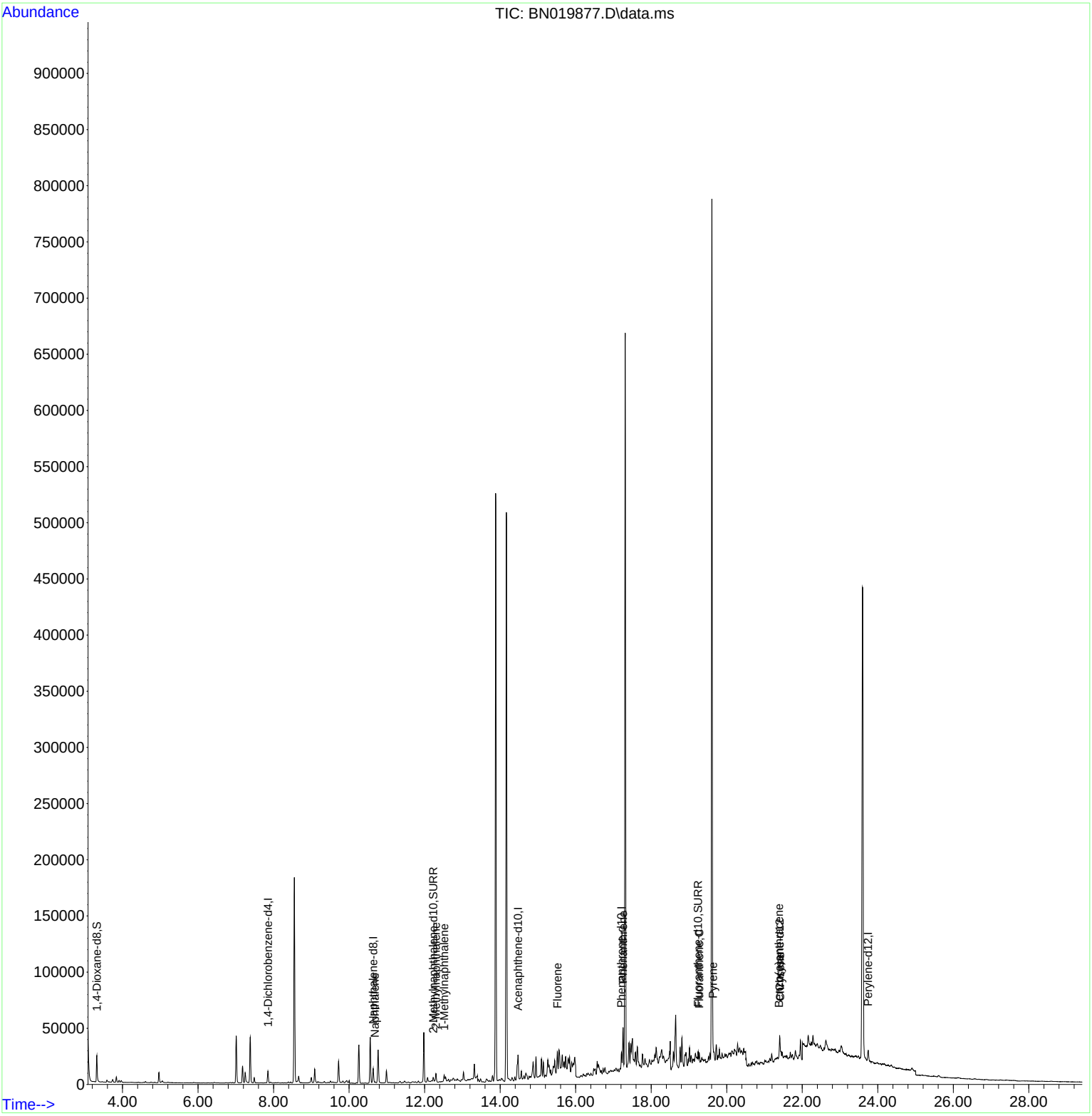
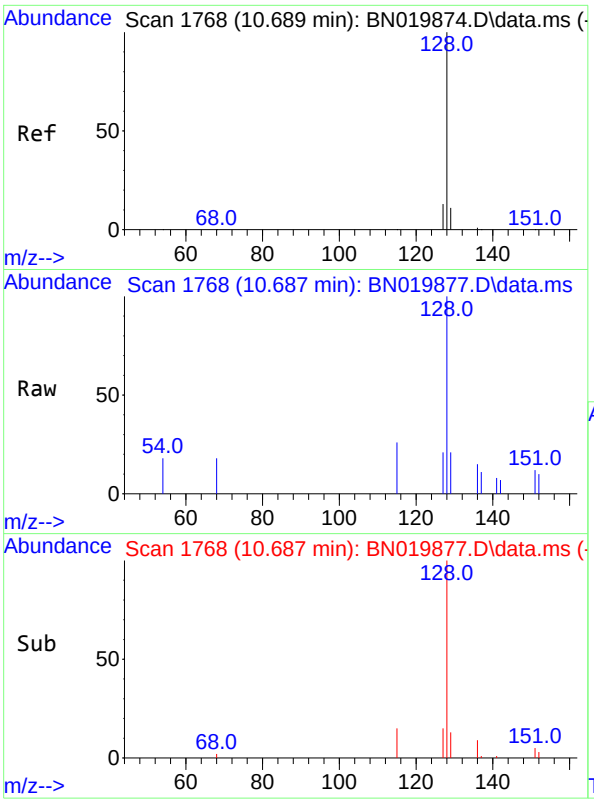


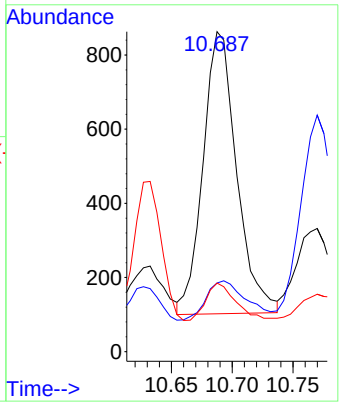


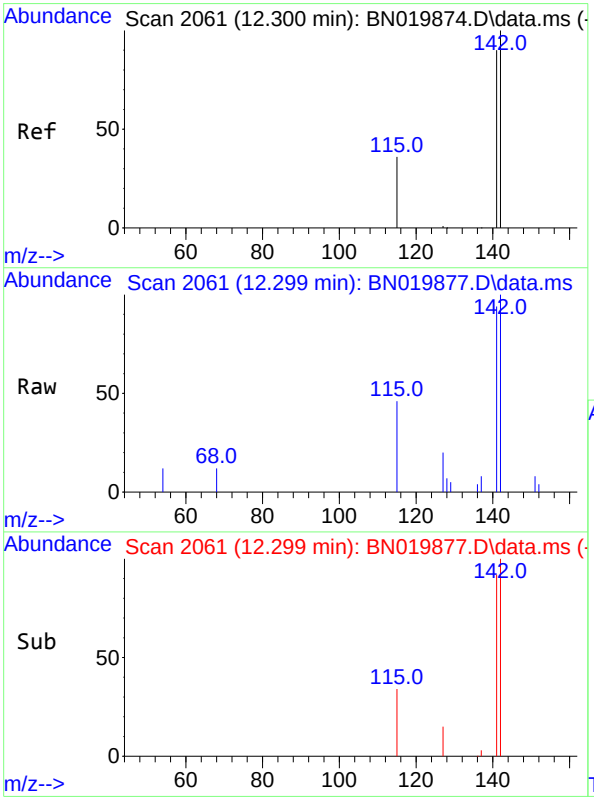
#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.687 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN019877.D
Acq: 20 May 2022 20:04

Instrument :
BNA_N
ClientSampleId :
EW4H5

Tgt Ion:128 Resp: 1463

Ion	Ratio	Lower	Upper
128	100		
129	21.4	9.5	14.3#
127	21.4	11.0	16.4#

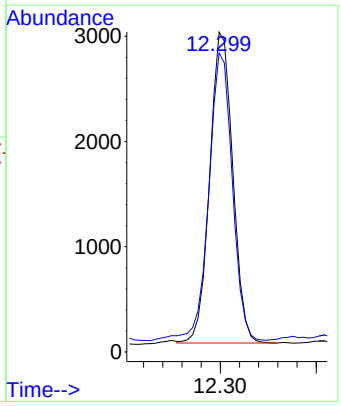


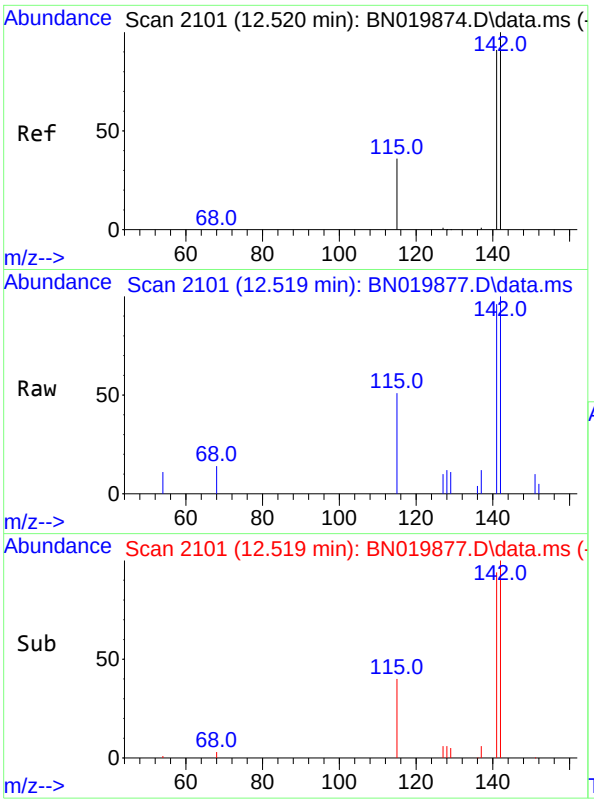


#7
2-Methylnaphthalene
Concen: 0.157 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.007 min
Lab File: BN019877.D
Acq: 20 May 2022 20:04

Tgt Ion:142 Resp: 4922

Ion	Ratio	Lower	Upper
142	100		
141	94.9	0.0	0.0#



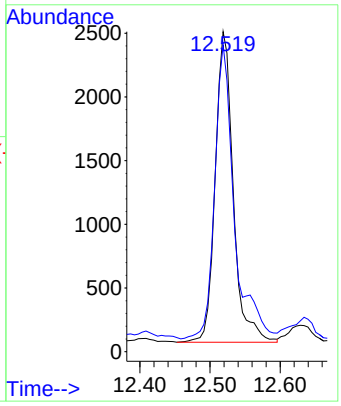


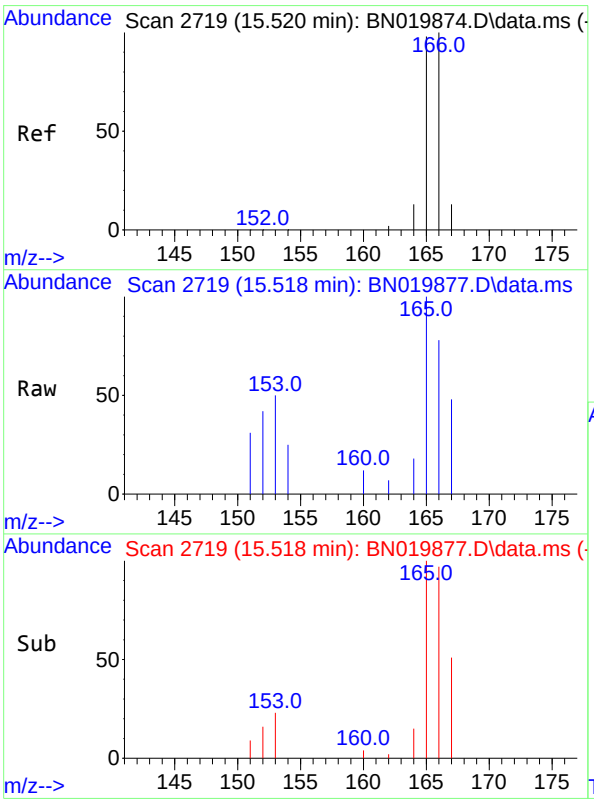
#8
1-Methylnaphthalene
Concen: 0.149 ng/ul
RT: 12.519 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN019877.D
Acq: 20 May 2022 20:04

Instrument :
BNA_N
ClientSampleId :
EW4H5

Tgt Ion:142 Resp: 4344

Ion	Ratio	Lower	Upper
142	100		
141	102.7	0.0	0.0#

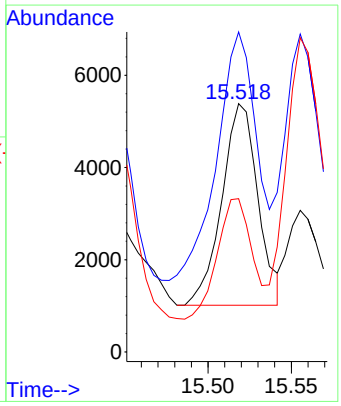


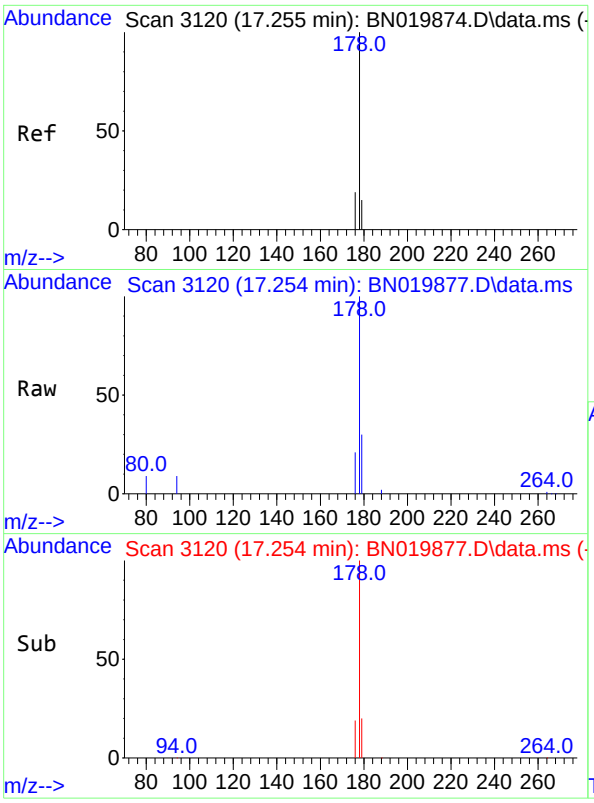


#12
Fluorene
Concen: 0.143 ng/ul
RT: 15.518 min Scan# 2719
Delta R.T. -0.006 min
Lab File: BN019877.D
Acq: 20 May 2022 20:04

Tgt Ion:166 Resp: 6600

Ion	Ratio	Lower	Upper
166	100		
165	128.8	78.2	117.2#
167	61.7	11.3	16.9#



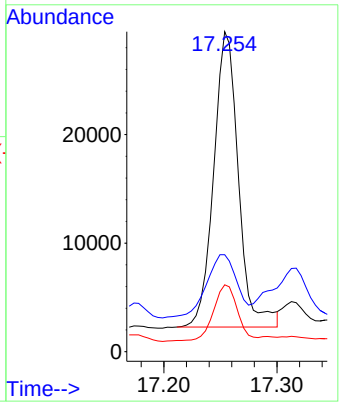


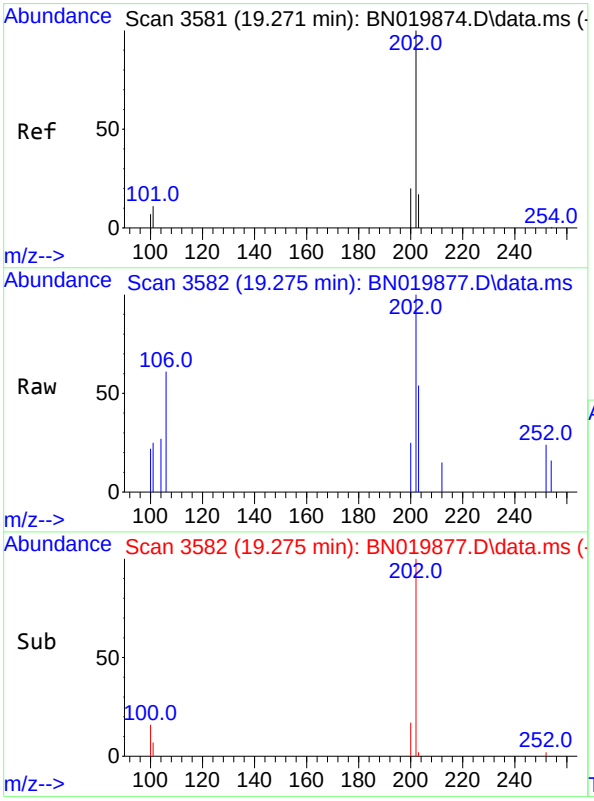
#15
Phenanthrene
Concen: 0.580 ng/ul
RT: 17.254 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN019877.D
Acq: 20 May 2022 20:04

Instrument :
BNA_N
ClientSampleId :
EW4H5

Tgt Ion:178 Resp: 41441

Ion	Ratio	Lower	Upper
178	100		
179	30.3	12.9	19.3#
176	20.9	15.5	23.3

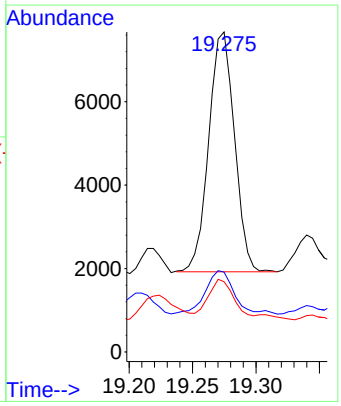


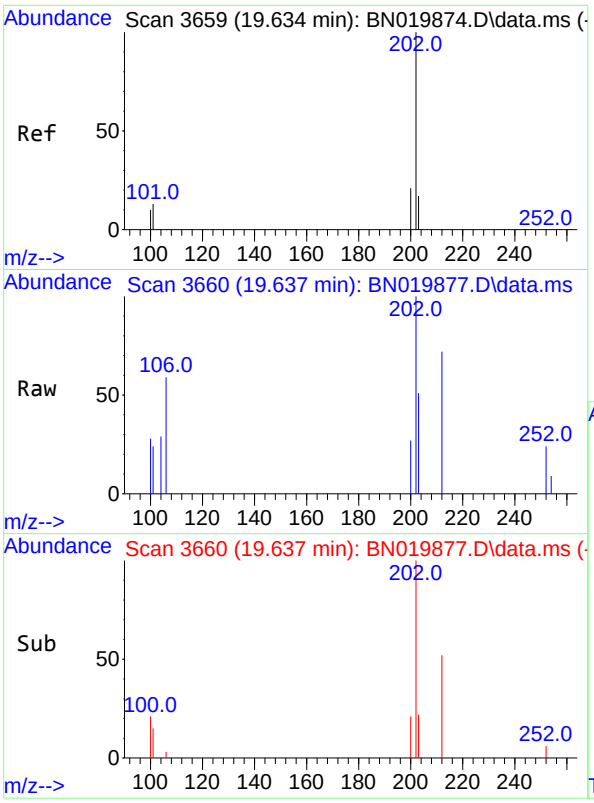


#19
Fluoranthene
Concen: 0.109 ng/ul
RT: 19.275 min Scan# 3582
Delta R.T. 0.003 min
Lab File: BN019877.D
Acq: 20 May 2022 20:04

Tgt Ion:202 Resp: 8119

Ion	Ratio	Lower	Upper
202	100		
101	24.9	9.7	14.5#
100	21.9	7.4	11.2#



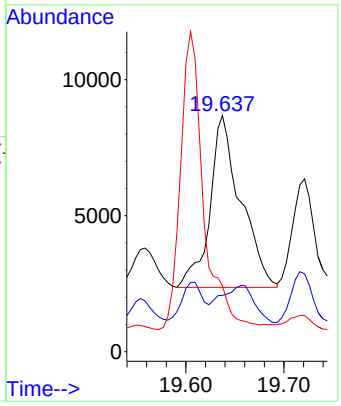


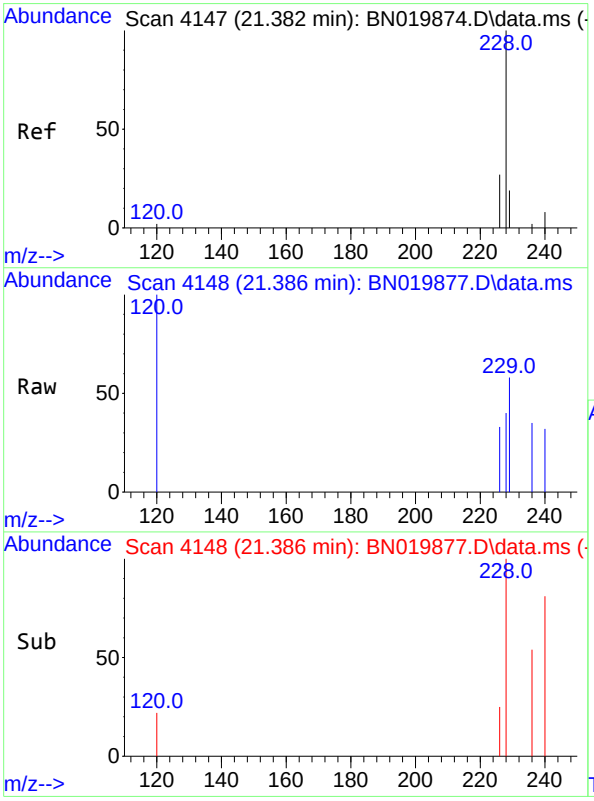
#20
Pyrene
Concen: 0.186 ng/ul
RT: 19.637 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN019877.D
Acq: 20 May 2022 20:04

Instrument :
BNA_N
ClientSampleId :
EW4H5

Tgt Ion:202 Resp: 13800

Ion	Ratio	Lower	Upper
202	100		
101	23.9	11.4	17.0#
100	27.9	9.0	13.4#

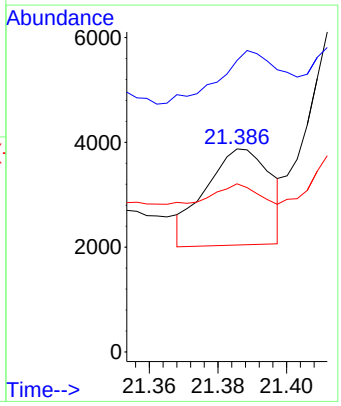


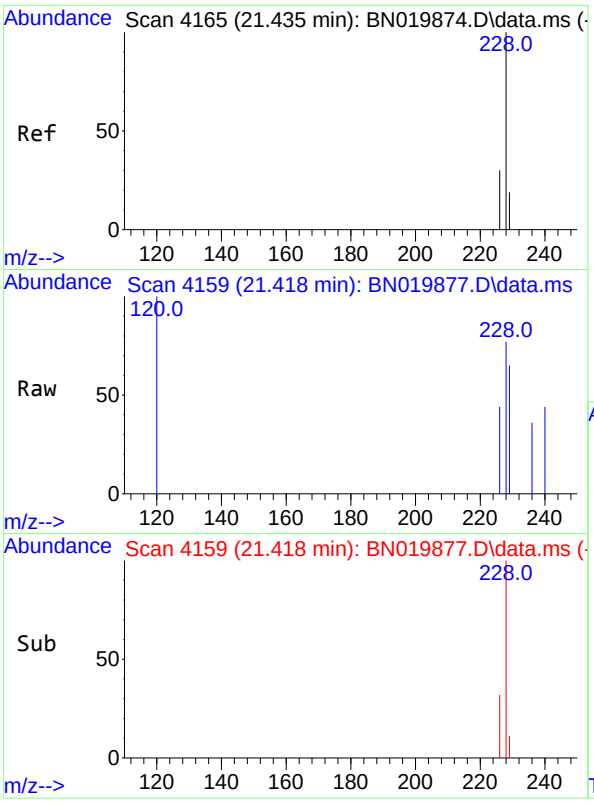


#21
Benzo(a)anthracene
Concen: 0.040 ng/ul
RT: 21.386 min Scan# 4148
Delta R.T. -0.002 min
Lab File: BN019877.D
Acq: 20 May 2022 20:04

Tgt Ion:228 Resp: 2406

Ion	Ratio	Lower	Upper
228	100		
229	143.5	16.1	24.1#
226	82.8	22.1	33.1#





#22
Chrysene
Concen: 0.165 ng/ul
RT: 21.418 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN019877.D
Acq: 20 May 2022 20:04

Instrument :
BNA_N
ClientSampleId :
EW4H5

Tgt Ion:228 Resp: 11775

Ion	Ratio	Lower	Upper
228	100		
226	57.5	24.2	36.2#
229	84.5	16.0	24.0#