Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
Data File : BN019880.D
Acq On : 20 May 2022 21:52
Operator : CG/JU
Sample : N2843-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4J8

Quant Time: May 21 01:54:14 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	4043	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	13894	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.474	164	8737	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	18835	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	16527	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	14528	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	4679	0.978	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	3640	0.173	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	12906	0.247	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.689	128	1007	0.022	ng/ul#	68
7) 2-Methylnaphthalene	12.300	142	1084	0.040	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	1217	0.048	ng/ul#	100
15) Phenanthrene	17.255	178	8214	0.119	ng/ul#	87
19) Fluoranthene	19.271	202	3523	0.047	ng/ul#	74
20) Pyrene	19.634	202	12387	0.164	ng/ul#	87
22) Chrysene	21.435	228	5762	0.079	ng/ul#	72
24) Benzo(b)fluoranthene	23.028	252	2970	0.040	ng/ul#	1
29) Benzo(g,h,i)perylene	26.875	276	3122	0.044	ng/ul#	69

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

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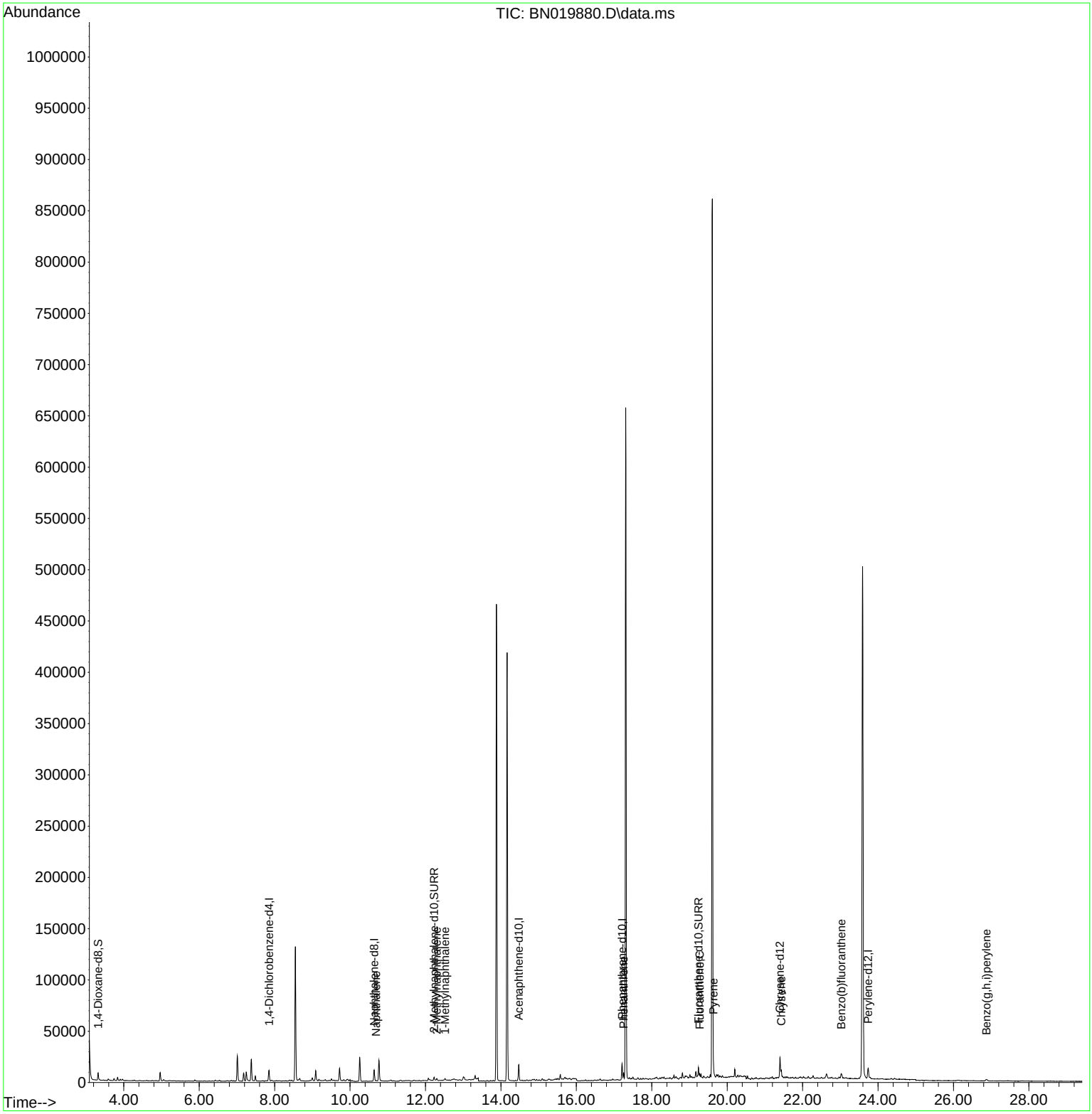
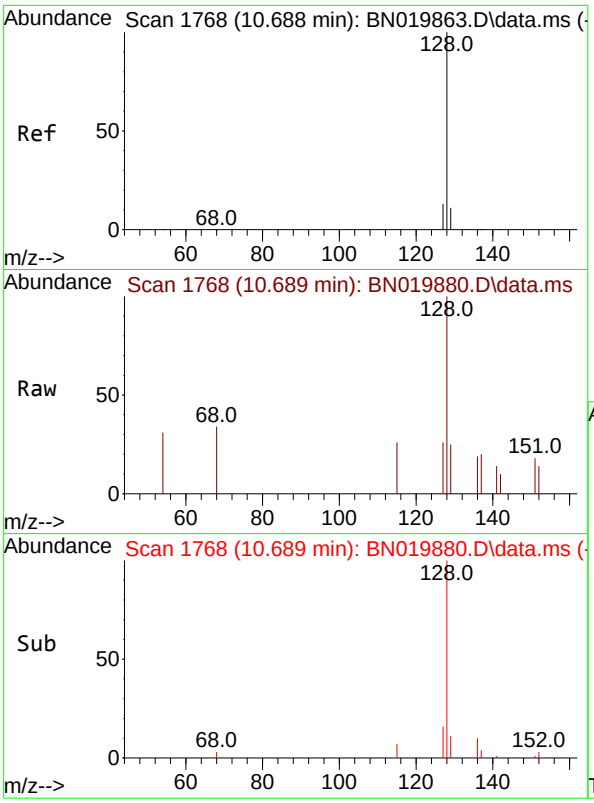


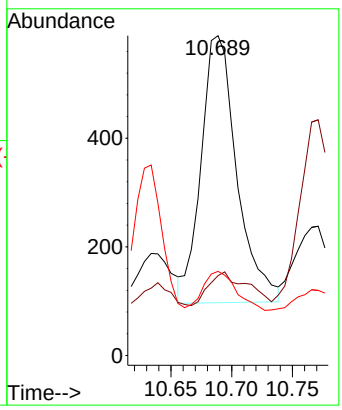


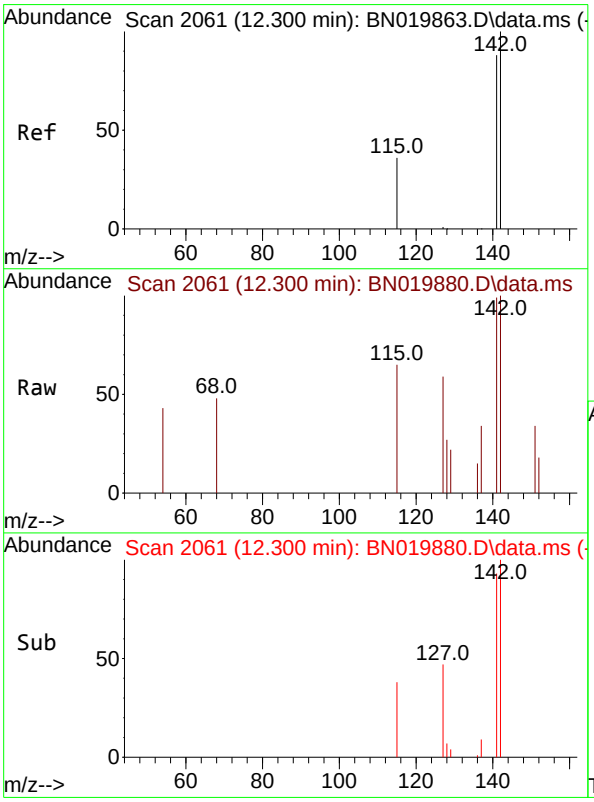
#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.689 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN019880.D
Acq: 20 May 2022 21:52

Instrument :
BNA_N
ClientSampleId :
EW4J8

Tgt Ion:128 Resp: 1007

Ion	Ratio	Lower	Upper
128	100		
129	25.0	9.5	14.3#
127	26.3	11.0	16.4#

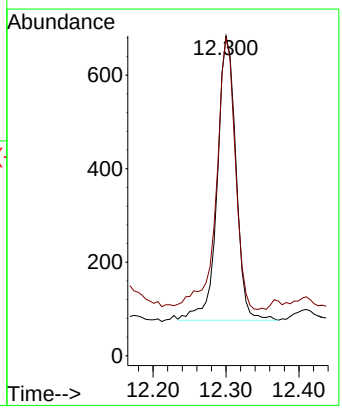


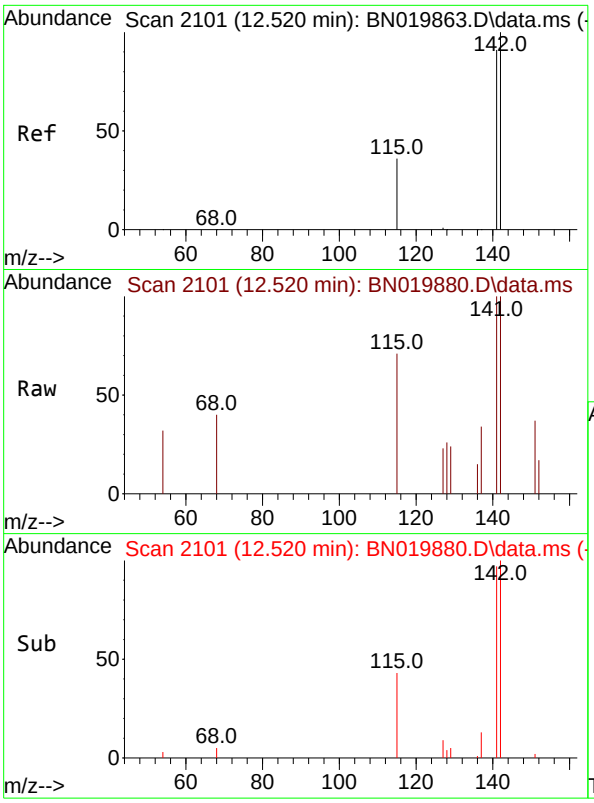


#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN019880.D
Acq: 20 May 2022 21:52

Tgt Ion:142 Resp: 1084

Ion	Ratio	Lower	Upper
142	100		
141	97.0	0.0	0.0#



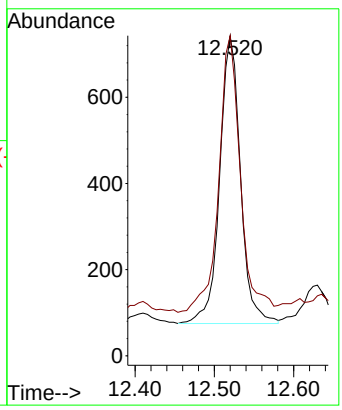


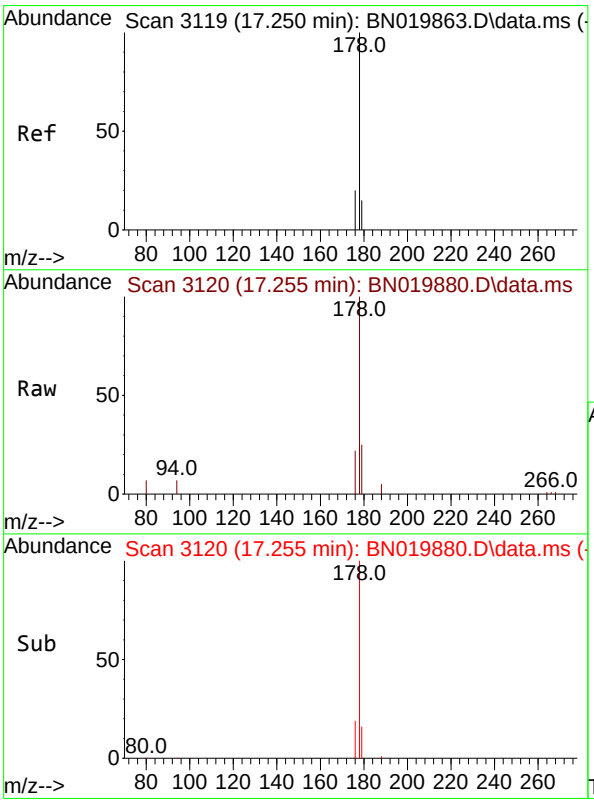
#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.520 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN019880.D
Acq: 20 May 2022 21:52

Instrument :
BNA_N
ClientSampleId :
EW4J8

Tgt Ion:142 Resp: 1217

Ion	Ratio	Lower	Upper
142	100		
141	99.8	0.0	0.0#

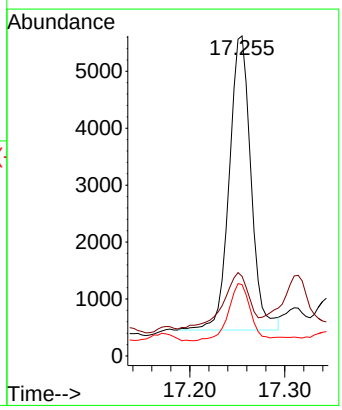


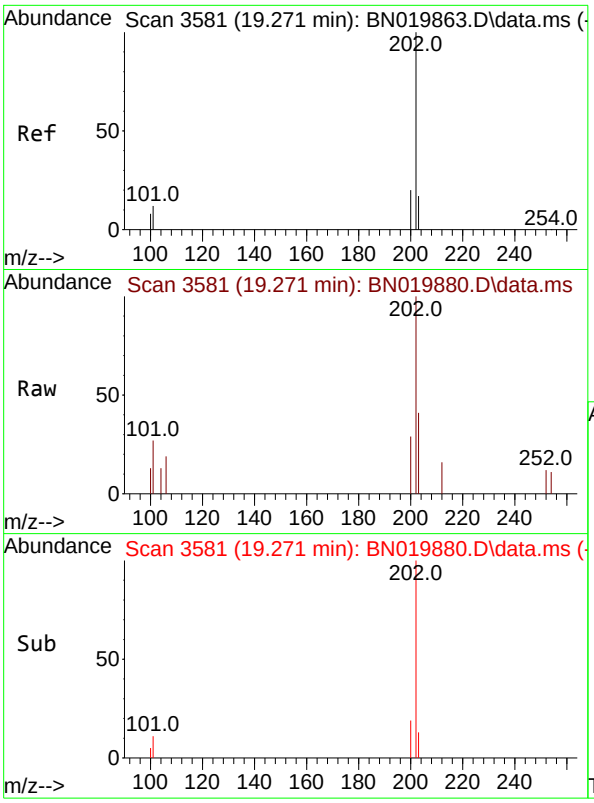


#15
Phenanthrene
Concen: 0.119 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN019880.D
Acq: 20 May 2022 21:52

Tgt Ion:178 Resp: 8214

Ion	Ratio	Lower	Upper
178	100		
179	24.9	12.9	19.3#
176	22.3	15.5	23.3



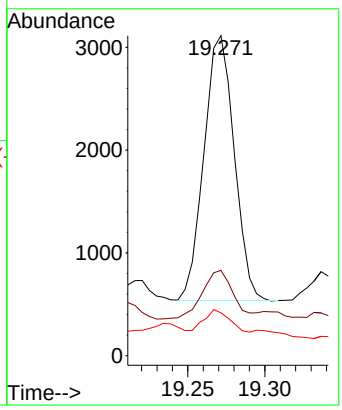


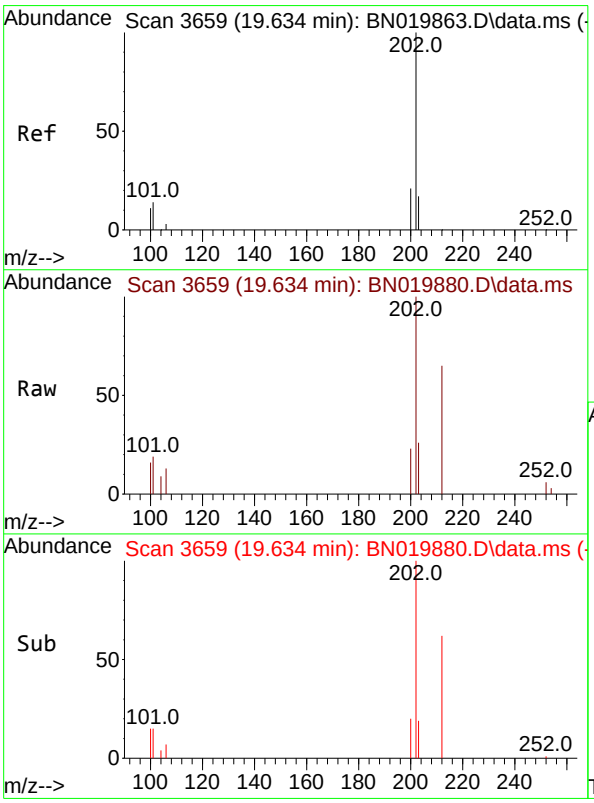
#19
Fluoranthene
Concen: 0.047 ng/ul
RT: 19.271 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019880.D
Acq: 20 May 2022 21:52

Instrument :
BNA_N
ClientSampleId :
EW4J8

Tgt Ion:202 Resp: 3523

Ion	Ratio	Lower	Upper
202	100		
101	26.7	9.7	14.5#
100	13.4	7.4	11.2#

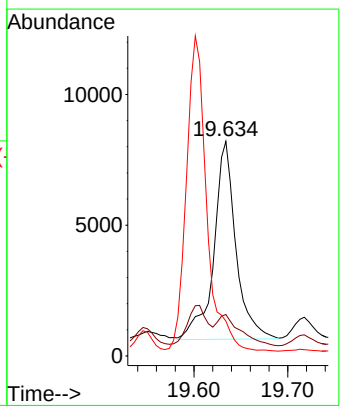


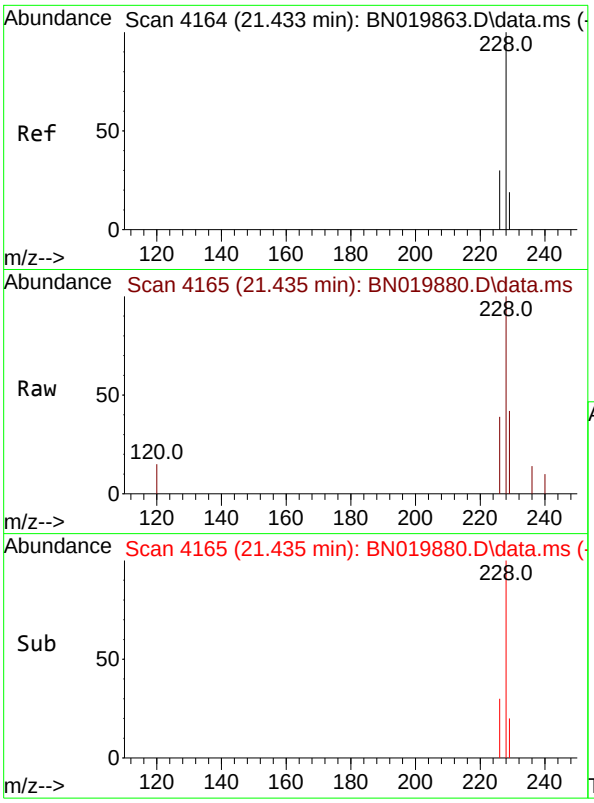


#20
Pyrene
Concen: 0.164 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN019880.D
Acq: 20 May 2022 21:52

Tgt Ion:202 Resp: 12387

Ion	Ratio	Lower	Upper
202	100		
101	19.3	11.4	17.0#
100	16.2	9.0	13.4#



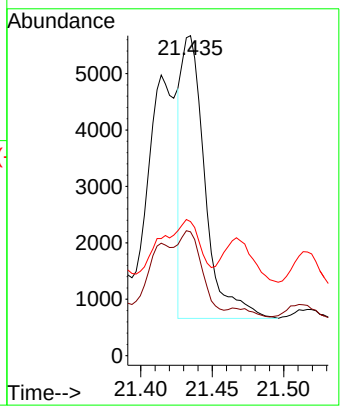


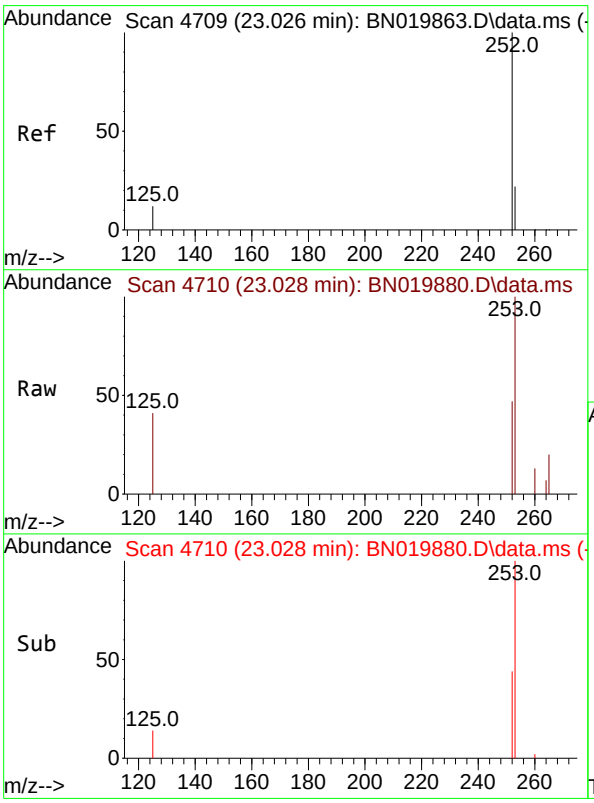
#22
Chrysene
Concen: 0.079 ng/ul
RT: 21.435 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN019880.D
Acq: 20 May 2022 21:52

Instrument :
BNA_N
ClientSampleId :
EW4J8

Tgt Ion:228 Resp: 5762

Ion	Ratio	Lower	Upper
228	100		
226	38.7	24.2	36.2#
229	41.9	16.0	24.0#

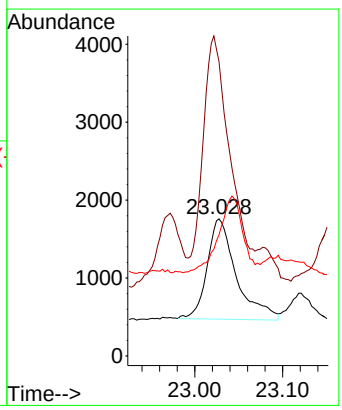


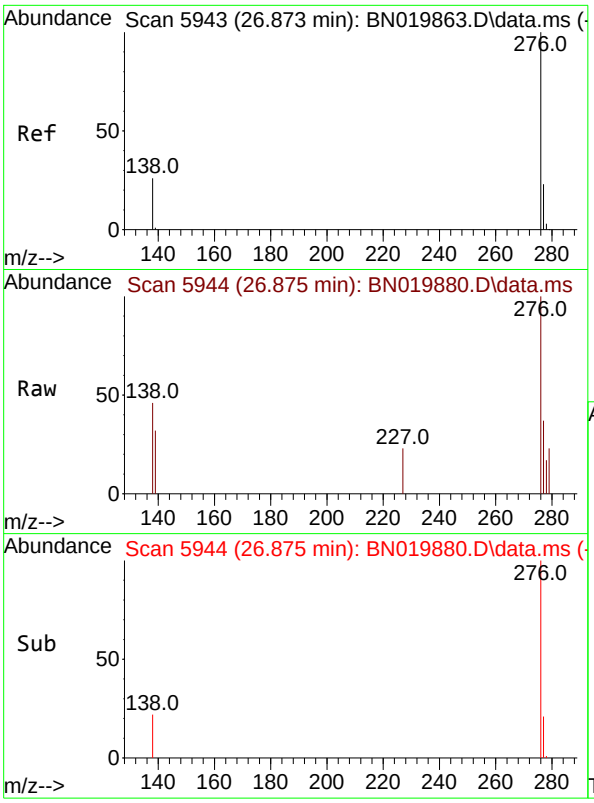


#24
Benzo(b)fluoranthene
Concen: 0.040 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.006 min
Lab File: BN019880.D
Acq: 20 May 2022 21:52

Tgt Ion:252 Resp: 2970

Ion	Ratio	Lower	Upper
252	100		
253	214.5	0.0	52.0#
125	88.3	0.0	40.2#





#29
Benzo(g,h,i)perylene
Concen: 0.044 ng/ul
RT: 26.875 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN019880.D
Acq: 20 May 2022 21:52

Instrument :
BNA_N
ClientSampleId :
EW4J8

Tgt Ion:276 Resp: 3122

Ion	Ratio	Lower	Upper
276	100		
138	45.9	20.9	31.3#
277	36.8	20.4	30.6#