Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028893.D
Acq On : 27 Nov 2023 23:46
Operator : MA/JU
Sample : 05416-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC1

Quant Time: Nov 28 04:31:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.656	152	3114	0.400	ng/ul	#-0.08
4) Naphthalene-d8	10.429	136	13383	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	6933	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.043	188	13742	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.260	240	12414	0.400	ng/ul	0.00
23) Perylene-d12	23.534	264	15617	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	31094	9.035	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.046	152	4564	0.227	ng/ul	-0.03
18) Fluoranthene-d10	19.085	212	14337	0.359	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.479	128	4163	0.111	ng/ul#	79
7) 2-Methylnaphthalene	12.118	142	2210	0.089	ng/ul	96
8) 1-Methylnaphthalene	12.327	142	2201	0.088	ng/ul	95
15) Phenanthrene	17.085	178	22468	0.532	ng/ul	99
16) Anthracene	17.170	178	2109	0.054	ng/ul#	56
19) Fluoranthene	19.113	202	38655	0.732	ng/ul	99
20) Pyrene	19.475	202	24546	0.449	ng/ul#	93
21) Benzo(a)anthracene	21.246	228	9607	0.196	ng/ul#	87
22) Chrysene	21.295	228	17207	0.359	ng/ul#	94
24) Benzo(b)fluoranthene	22.847	252	24018	0.410	ng/ul	79
26) Benzo(a)pyrene	23.426	252	1427	0.026	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.860	276	3160	0.051	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.860	278	1405	0.029	ng/ul#	1
29) Benzo(g,h,i)perylene	26.571	276	3558	0.071	ng/ul#	70

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

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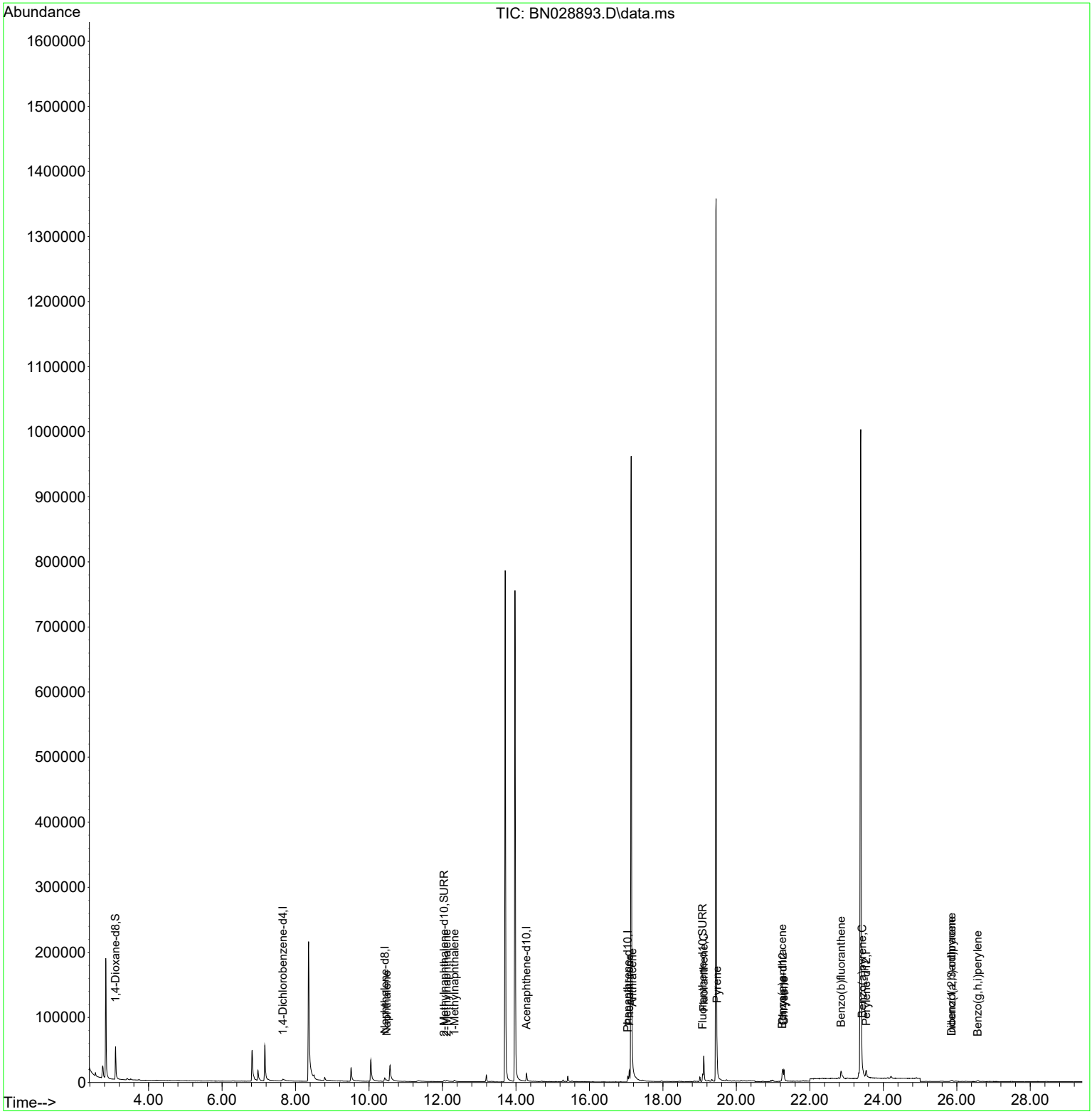
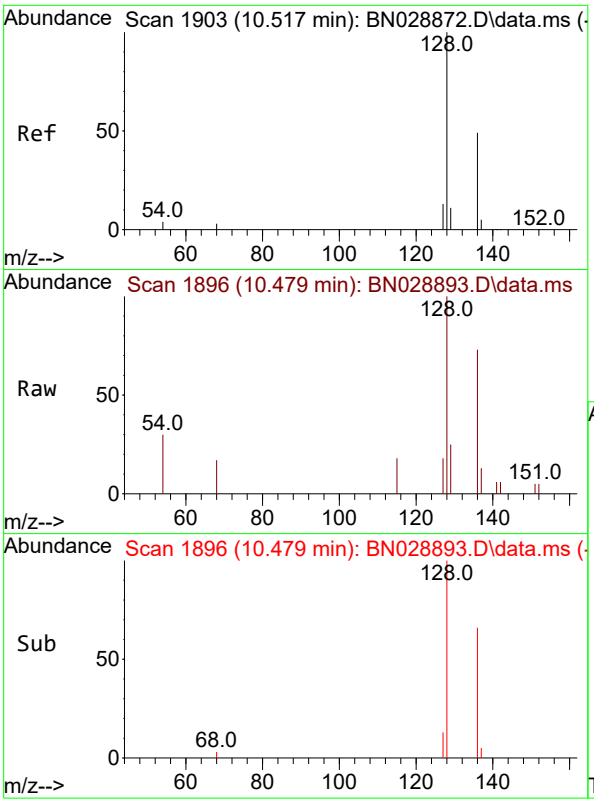


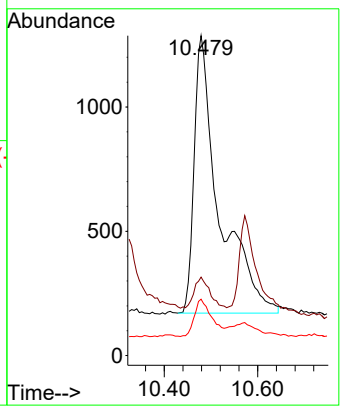


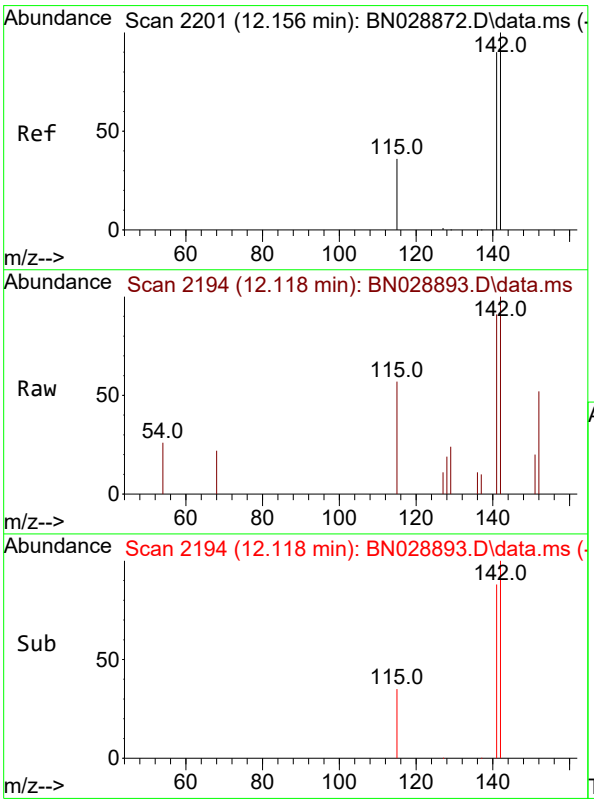
#5
Naphthalene
Concen: 0.111 ng/ul
RT: 10.479 min Scan# 1
Delta R.T. -0.028 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

Instrument :
BNA_N
ClientSampleId :
C0AC1

Tgt Ion:128 Resp: 4163

Ion	Ratio	Lower	Upper
128	100		
129	24.6	9.2	13.8#
127	17.6	10.7	16.1#

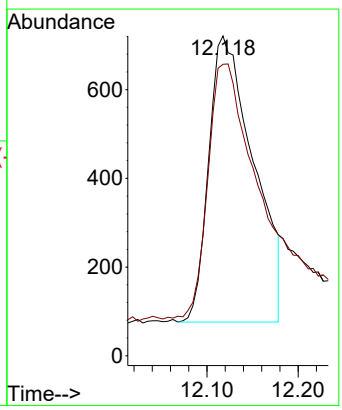


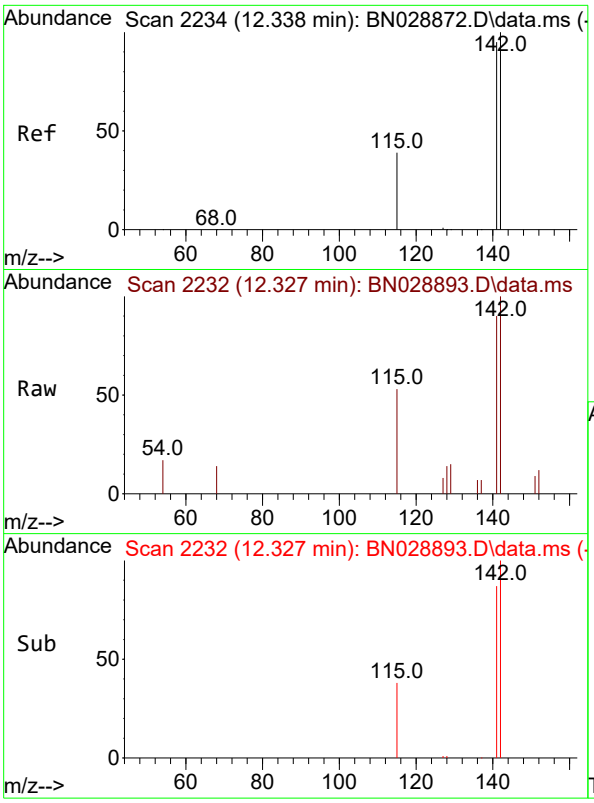


#7
2-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.118 min Scan# 2194
Delta R.T. -0.022 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

Tgt Ion:142 Resp: 2210

Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.8	106.2



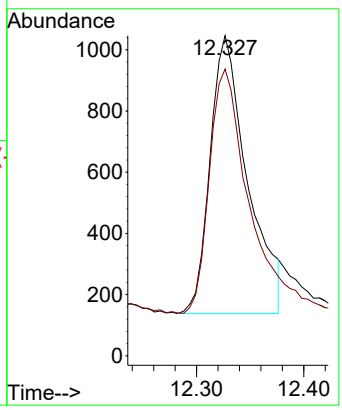


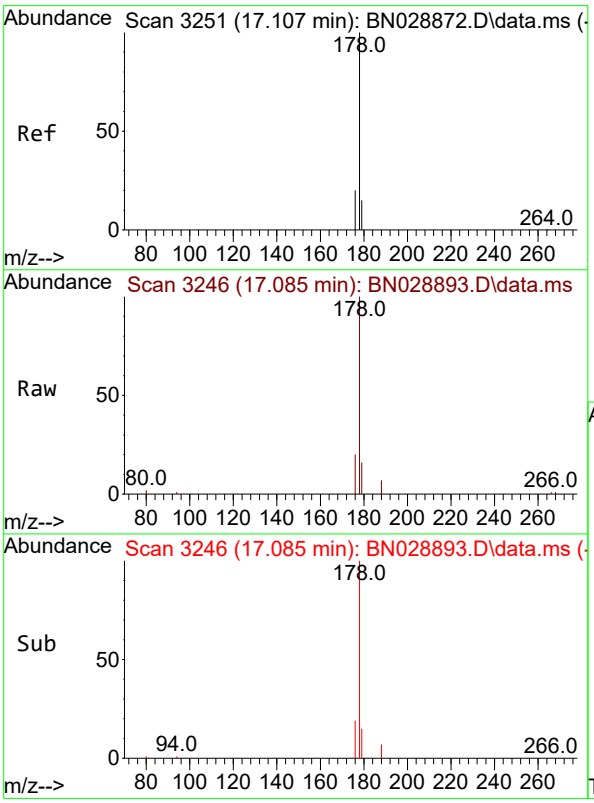
#8
1-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.327 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

Instrument :
BNA_N
ClientSampleId :
C0AC1

Tgt Ion:142 Resp: 2201

Ion	Ratio	Lower	Upper
142	100		
141	87.8	74.1	111.1

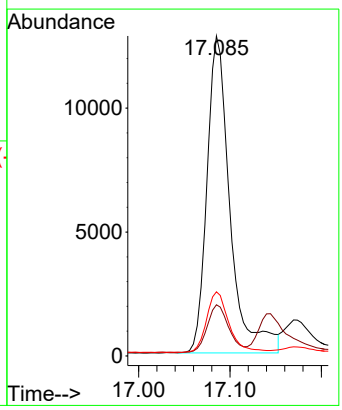


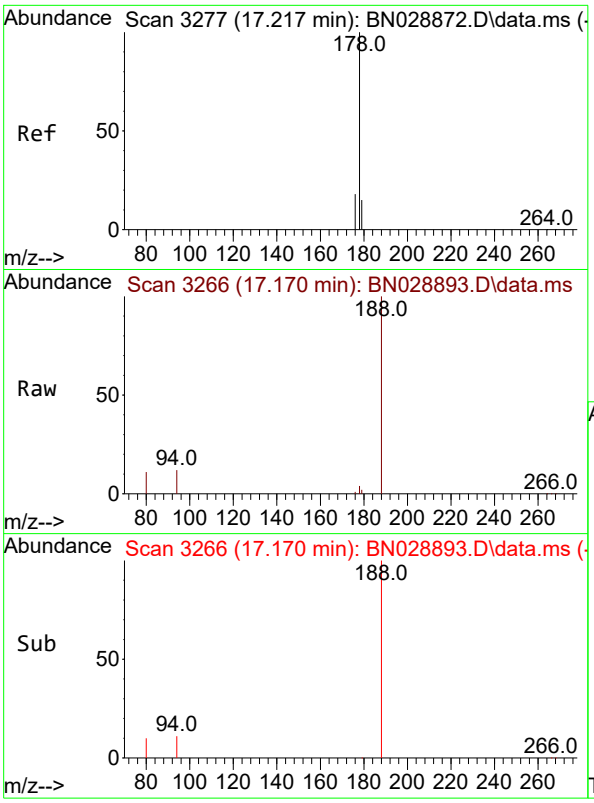


#15
Phenanthrene
Concen: 0.532 ng/ul
RT: 17.085 min Scan# 3246
Delta R.T. -0.018 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

Tgt Ion:178 Resp: 22468

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	20.0	15.4	23.2



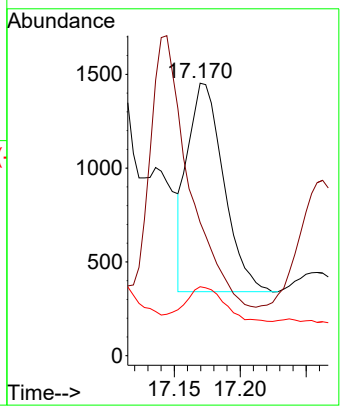


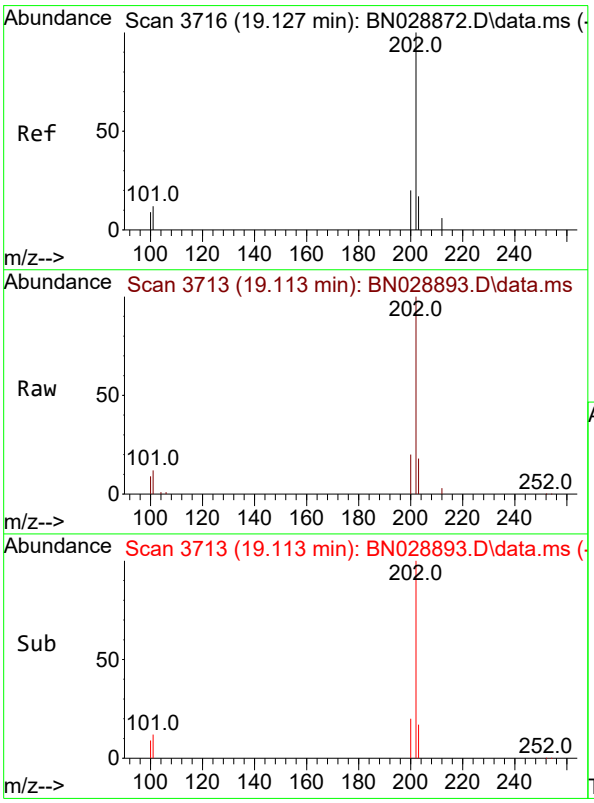
#16
Anthracene
Concen: 0.054 ng/ul
RT: 17.170 min Scan# 3
Delta R.T. -0.035 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

Instrument :
BNA_N
ClientSampleId :
C0AC1

Tgt Ion:178 Resp: 2109

Ion	Ratio	Lower	Upper
178	100		
179	48.9	12.6	18.8#
176	25.3	14.9	22.3#

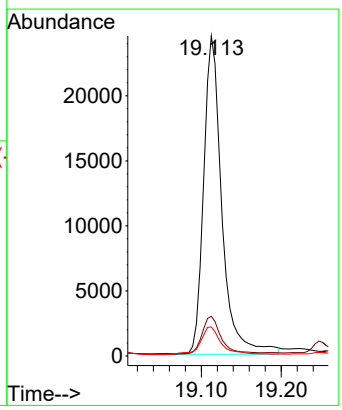


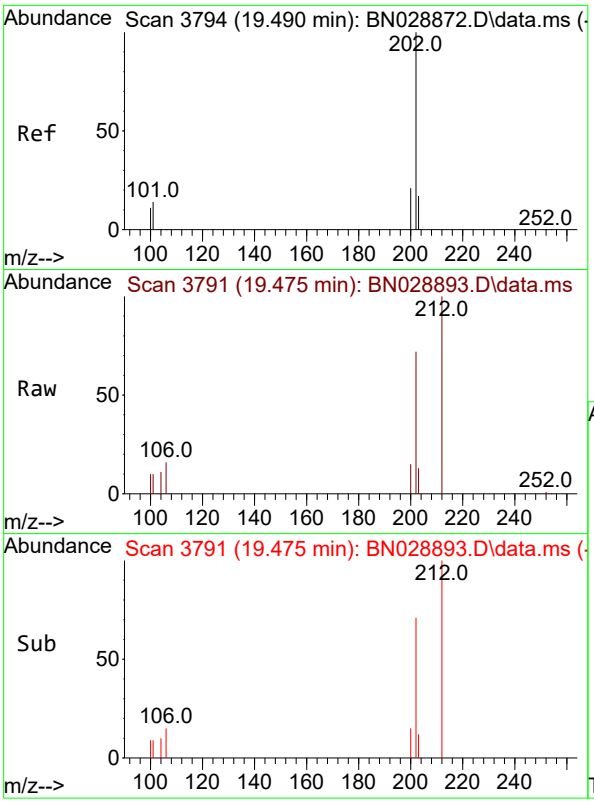


#19
Fluoranthene
Concen: 0.732 ng/ul
RT: 19.113 min Scan# 3713
Delta R.T. -0.010 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

Tgt Ion:202 Resp: 38655

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.5	14.3
100	9.0	7.2	10.8



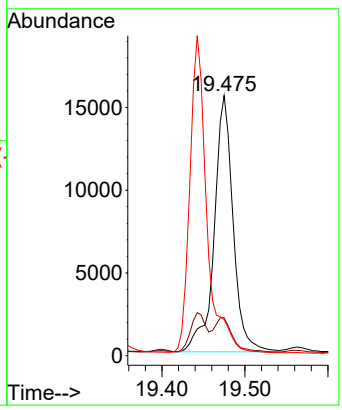


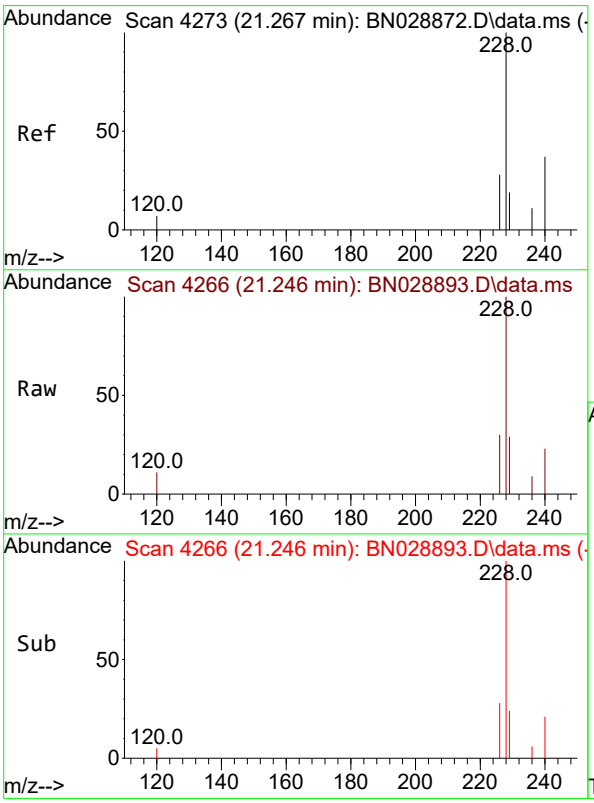
#20
Pyrene
Concen: 0.449 ng/ul
RT: 19.475 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

Instrument :
BNA_N
ClientSampleId :
C0AC1

Tgt Ion:202 Resp: 24546

Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.3	15.5
100	13.9	8.2	12.2#

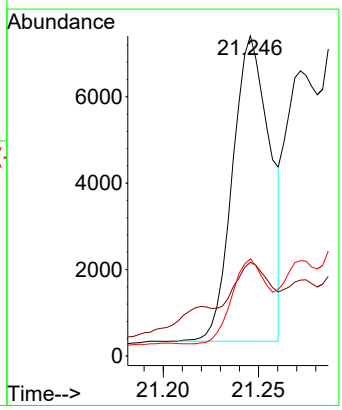


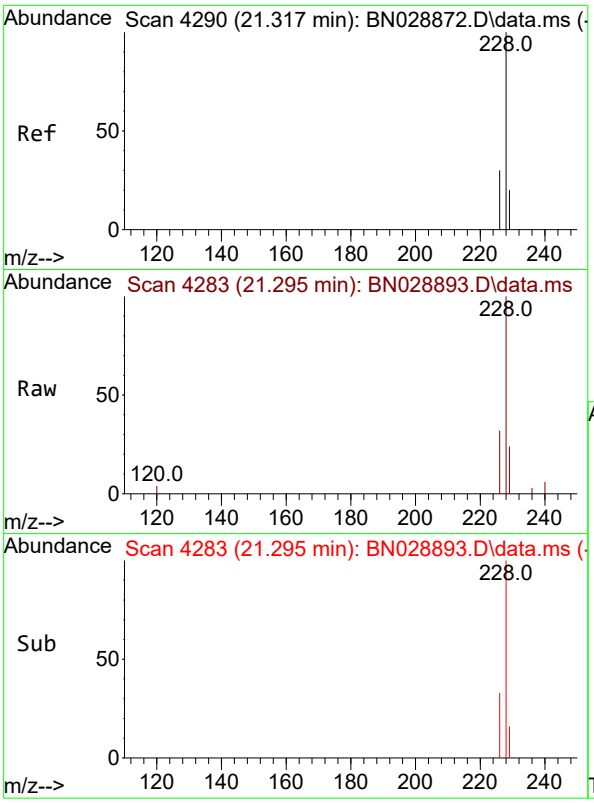


#21
Benzo(a)anthracene
Concen: 0.196 ng/ul
RT: 21.246 min Scan# 4266
Delta R.T. -0.010 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

Tgt Ion:228 Resp: 9607

Ion	Ratio	Lower	Upper
228	100		
229	29.2	15.7	23.5#
226	30.3	21.4	32.0



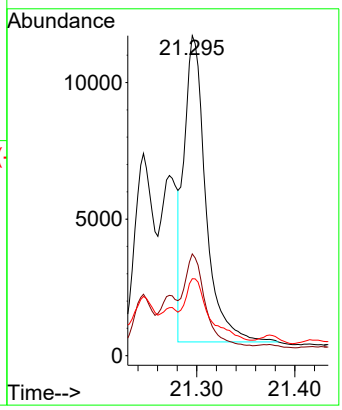


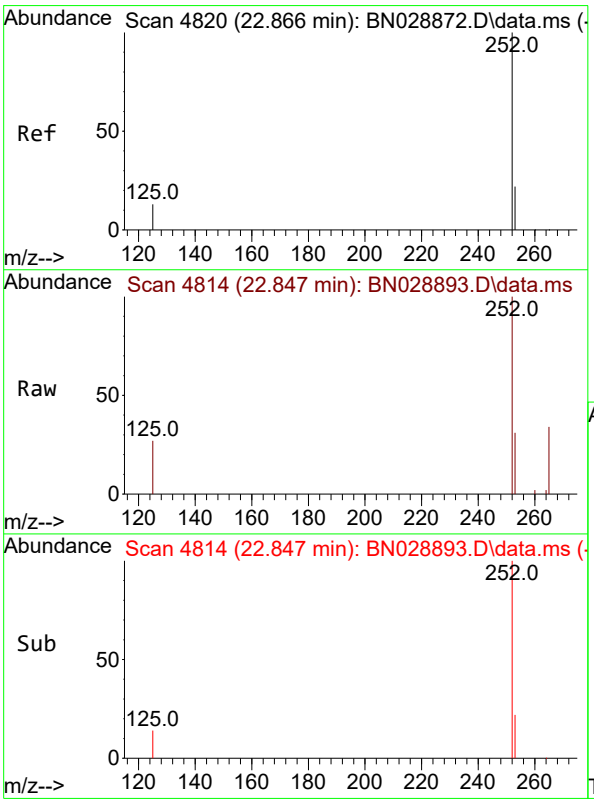
#22
Chrysene
Concen: 0.359 ng/ul
RT: 21.295 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

Instrument :
BNA_N
ClientSampleId :
C0AC1

Tgt Ion:228 Resp: 17207

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.8	35.8
229	24.0	15.4	23.2#

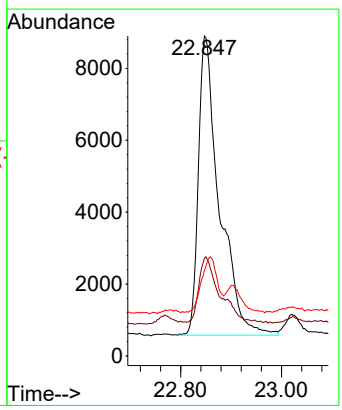


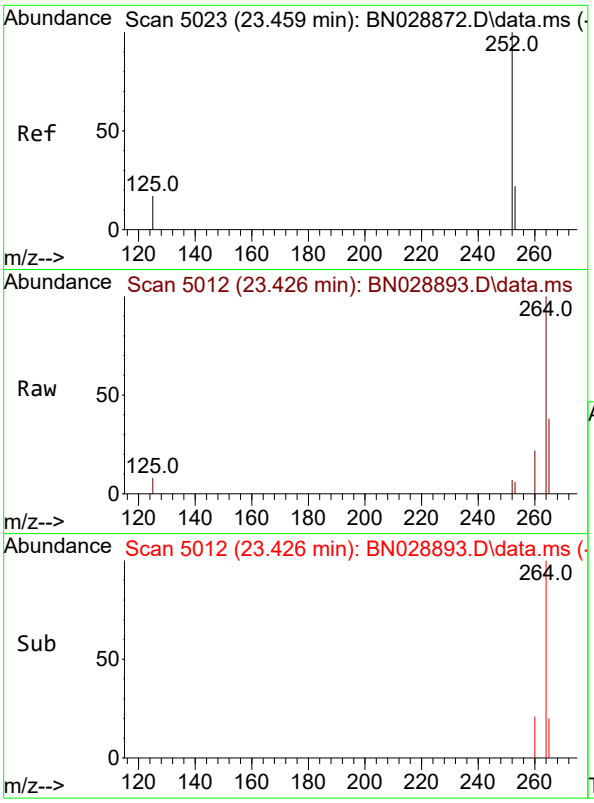


#24
Benzo(b)fluoranthene
Concen: 0.410 ng/ul
RT: 22.847 min Scan# 4814
Delta R.T. -0.007 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

Tgt Ion:252 Resp: 24018

Ion	Ratio	Lower	Upper
252	100		
253	30.6	0.0	46.6
125	26.8	0.0	27.6



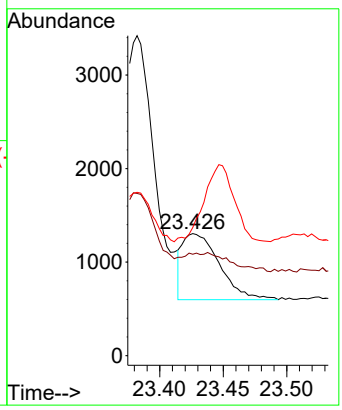


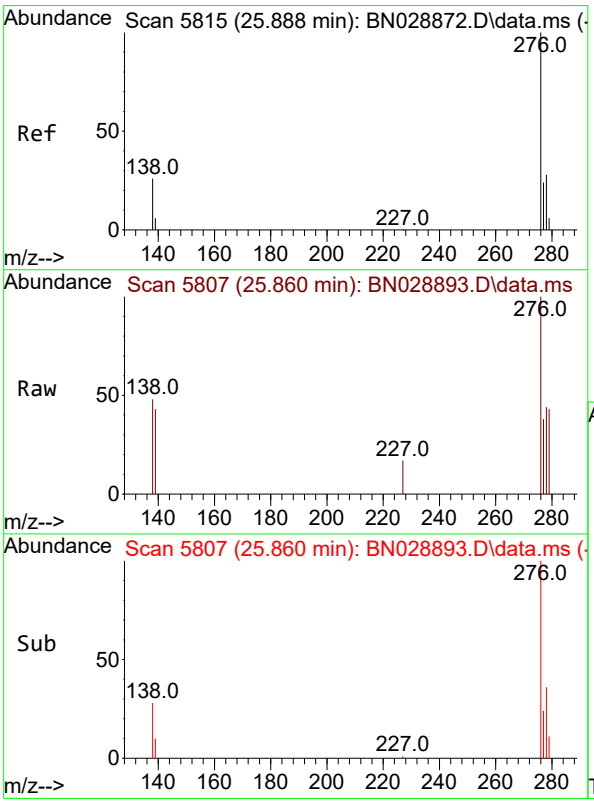
#26
Benzo(a)pyrene
Concen: 0.026 ng/ul
RT: 23.426 min Scan# 5
Delta R.T. -0.018 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

Instrument :
BNA_N
ClientSampleId :
C0AC1

Tgt Ion:252 Resp: 1427

Ion	Ratio	Lower	Upper
252	100		
253	83.1	19.0	28.6#
125	105.0	13.2	19.8#

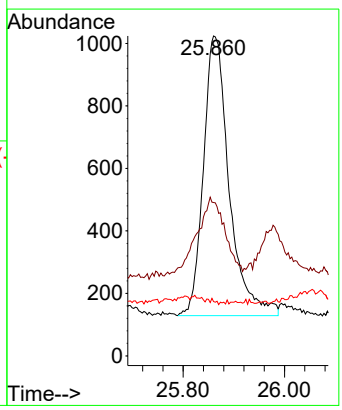


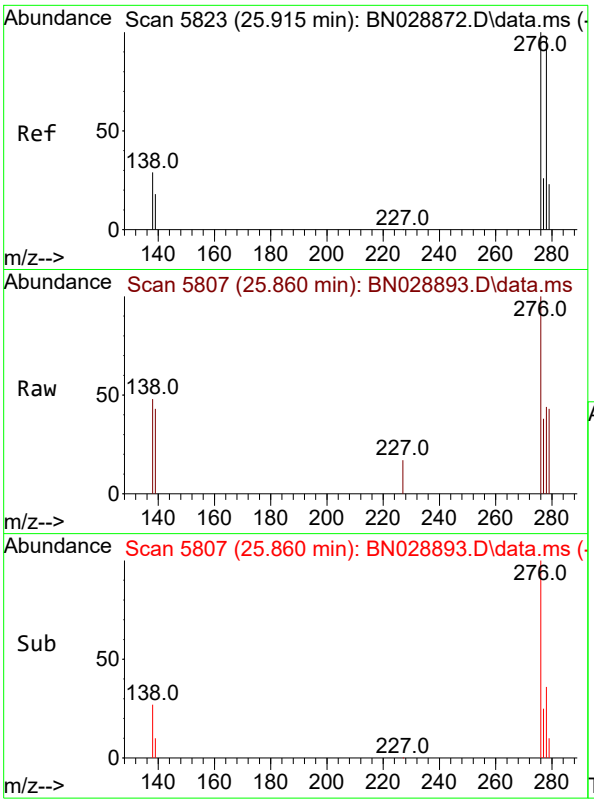


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng/ul
RT: 25.860 min Scan# 5807
Delta R.T. -0.014 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

Tgt Ion:276 Resp: 3160

Ion	Ratio	Lower	Upper
276	100		
138	30.1	23.8	35.6
227	0.1	0.1	0.1#



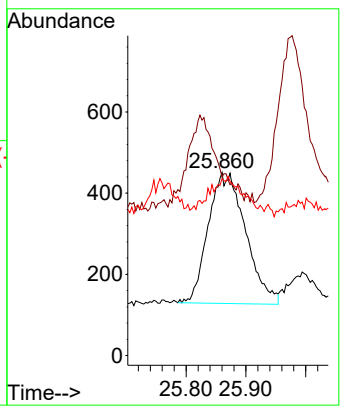


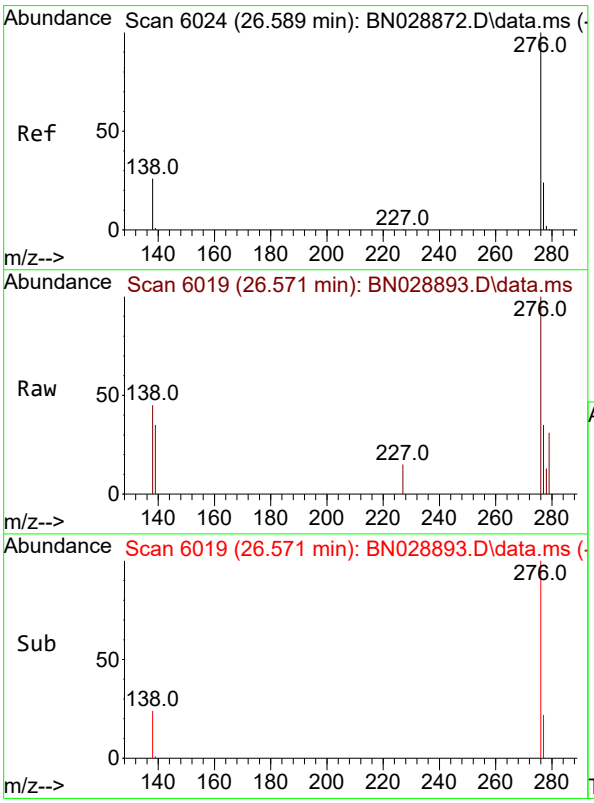
#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 25.860 min Scan# 5
Delta R.T. -0.038 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

Instrument :
BNA_N
ClientSampleId :
C0AC1

Tgt Ion:278 Resp: 1405

Ion	Ratio	Lower	Upper
278	100		
139	97.6	18.2	27.4#
279	96.7	20.7	31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.071 ng/ul
RT: 26.571 min Scan# 6019
Delta R.T. -0.008 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

Tgt Ion:276 Resp: 3558

Ion	Ratio	Lower	Upper
276	100		
138	44.9	20.5	30.7#
277	34.8	19.4	29.0#