Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012792.D
Acq On : 01 Dec 2020 21:16
Operator : CG/JU
Sample : L4793-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0BG5

Quant Time: Dec 02 00:57:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 00:53:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	897	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3713	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2216	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.84
16) Chrysene-d12	21.05	240	4176	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4582	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	1030	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2429	0.00	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.24	128	252	0.023	ng/ul#	55
5) 2-Methylnaphthalene	11.87	142	145	0.020	ng/ul	96
17) Pyrene	19.27	202	9251	0.495	ng/ul	99
18) Benzo(a)anthracene	21.04	228	4356	0.291	ng/ul	99
19) Chrysene	21.09	228	5949	0.318	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	12415	0.589	ng/ul	98
22) Benzo(k)fluoranthene	22.54	252	12415	0.511	ng/ul#	96
23) Benzo(a)pyrene	23.07	252	5659	0.285	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.23	276	4446	0.171	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.25	278	1000	0.048	ng/ul#	53
26) Benzo(g,h,i)perylene	25.87	276	4194	0.180	ng/ul	97

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

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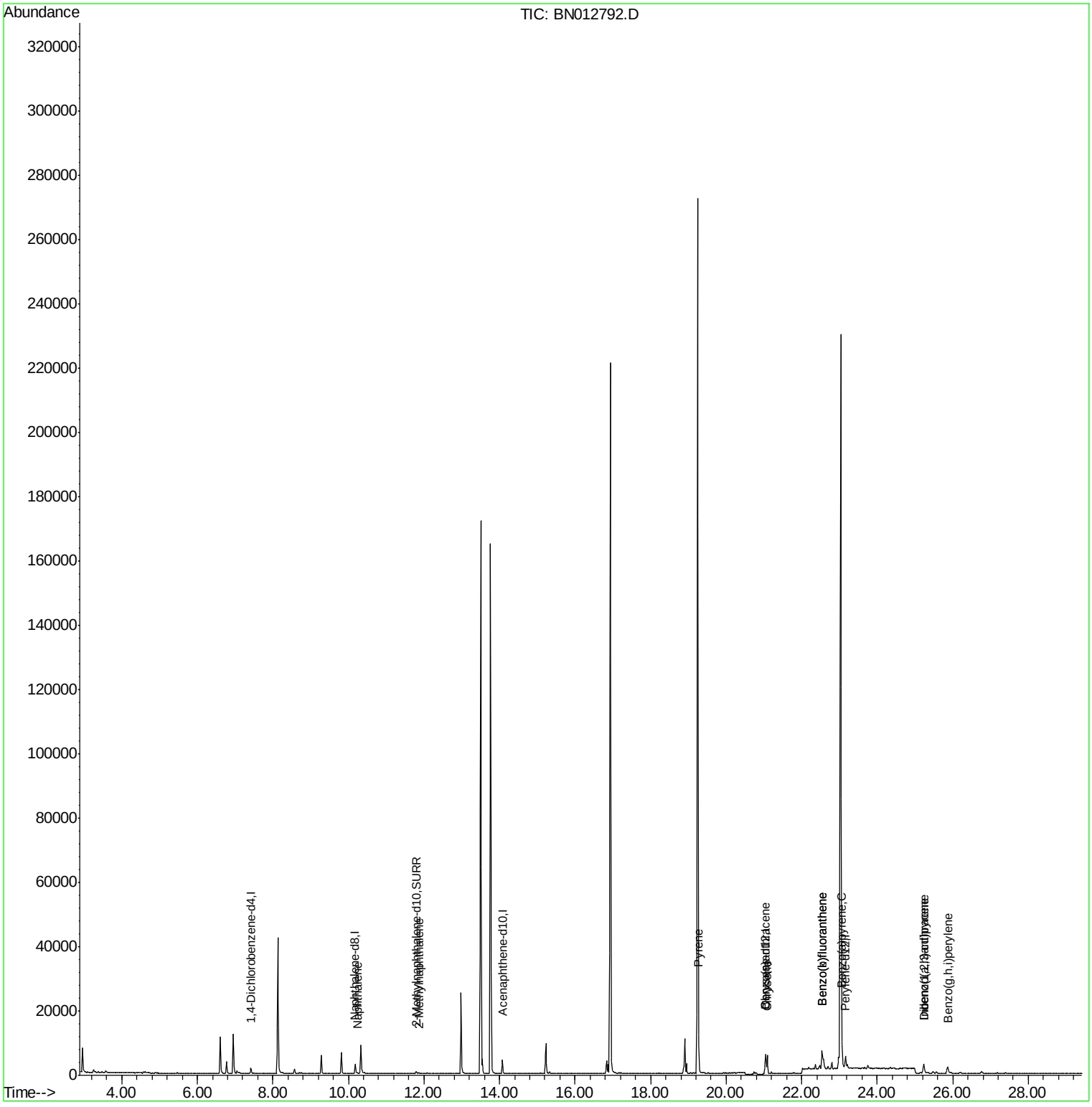
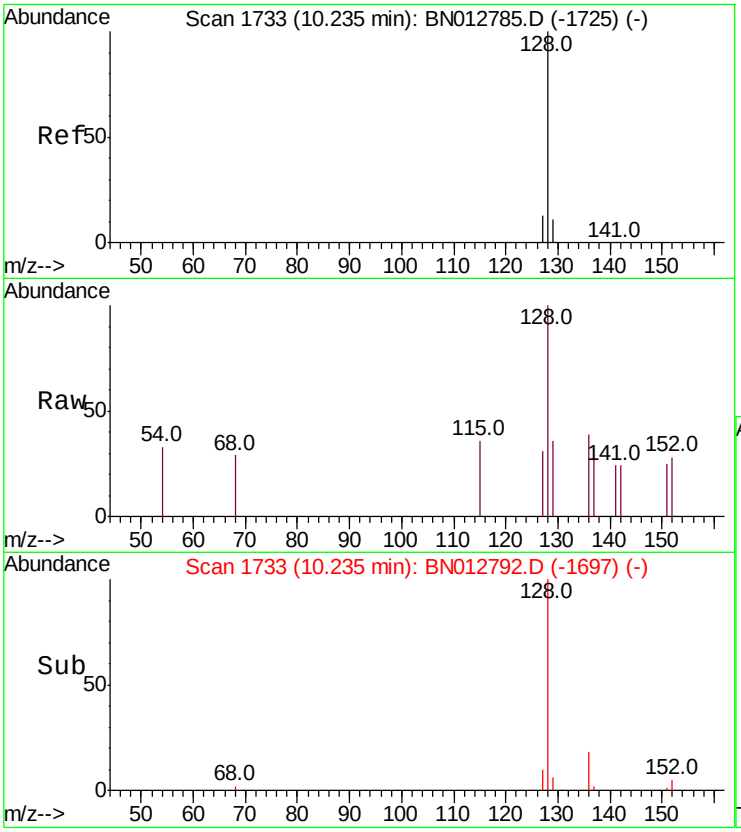
Quant Time: Dec 02 00:57:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 00:53:21 2020
Response via : Initial Calibration



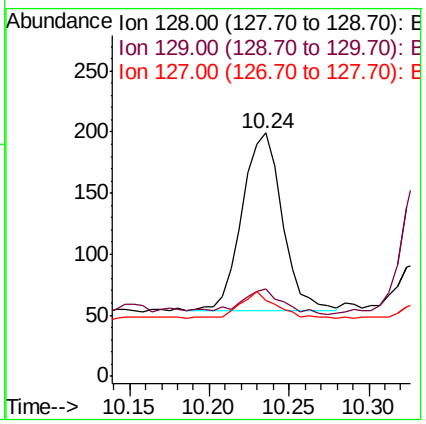


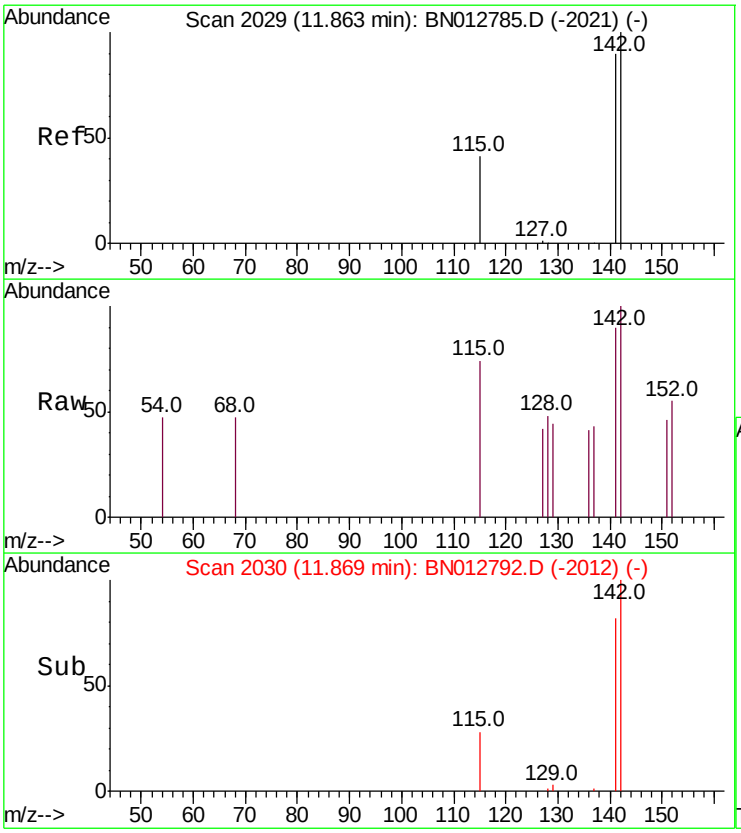
#3
Naphthalene
Concen: 0.023 ng/ul
RT: 10.24 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Instrument :
BNA_N
ClientSampleId :
C0BG5

Tgt Ion:128 Resp: 252

Ion	Ratio	Lower	Upper
128	100		
129	36.2	11.2	16.8#
127	31.2	12.5	18.7#

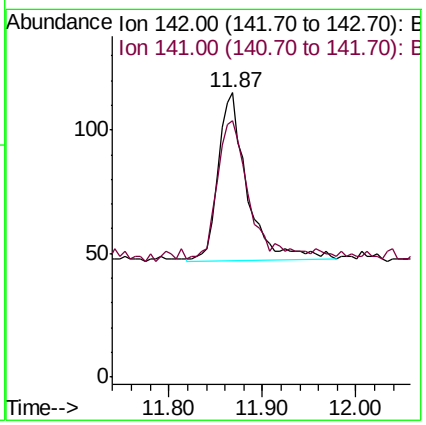


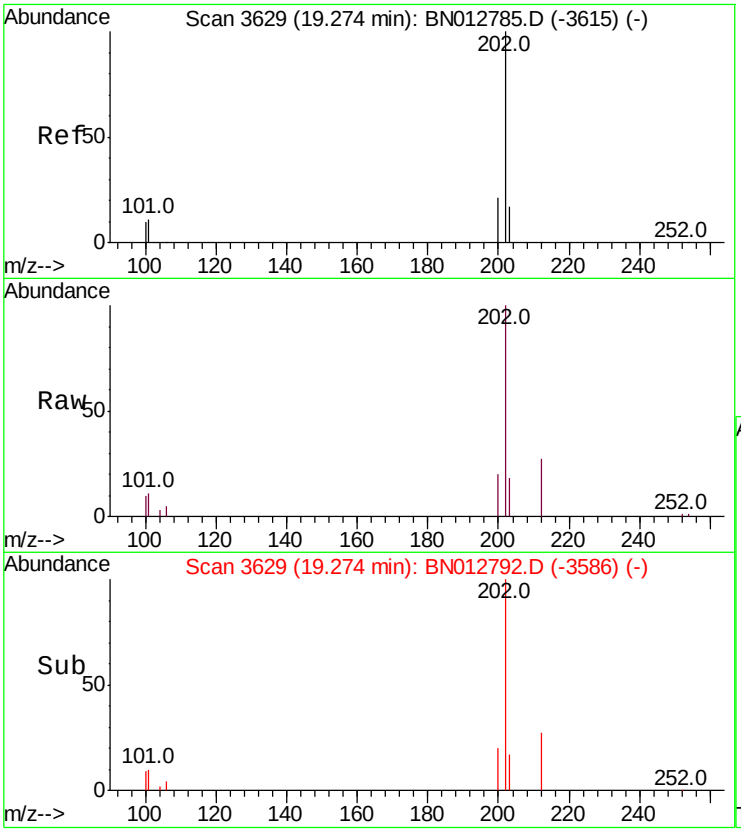


#5
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 11.87 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Tgt Ion:142 Resp: 145

Ion	Ratio	Lower	Upper
142	100		
141	86.2	72.3	108.5



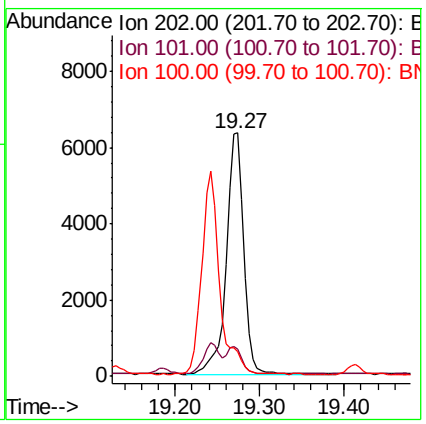


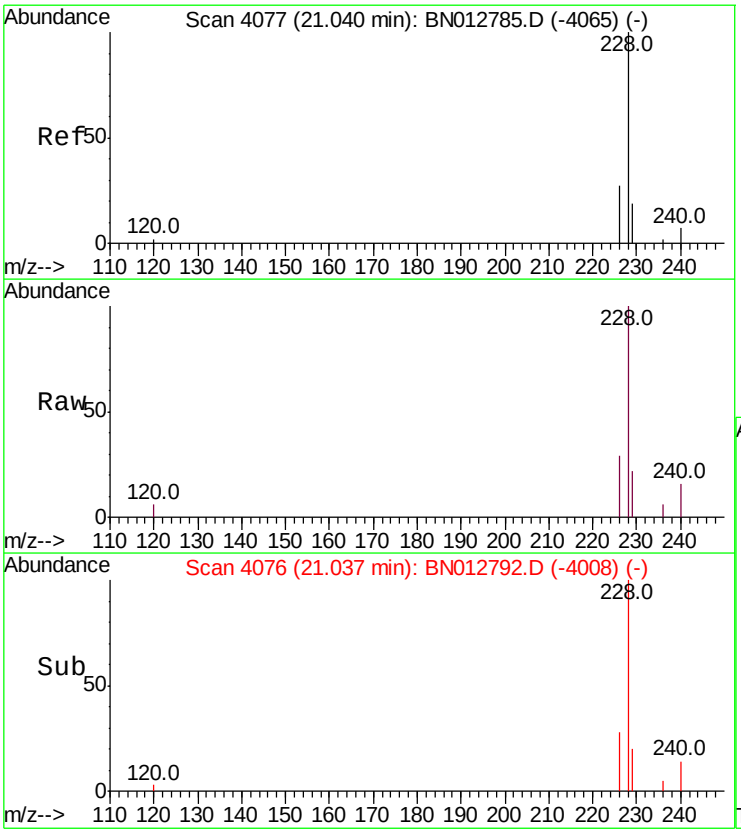
#17
Pyrene
Concen: 0.495 ng/ul
RT: 19.27 min Scan# 3629
Delta R.T. 0.00 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Instrument :
BNA_N
ClientSampleId :
C0BG5

Tgt Ion:202 Resp: 9251

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	10.1	7.4	11.2

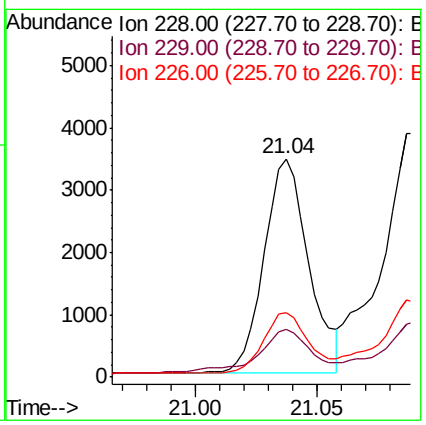


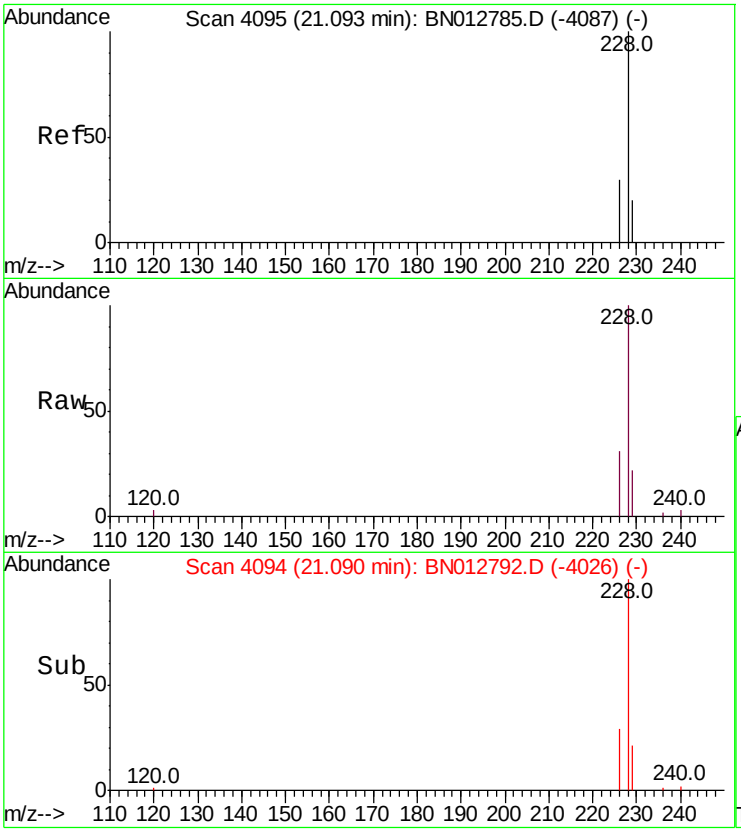


#18
Benzo(a)anthracene
Concen: 0.291 ng/ul
RT: 21.04 min Scan# 4076
Delta R.T. -0.00 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Tgt Ion:228 Resp: 4356

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.9	25.3
226	29.4	23.1	34.7



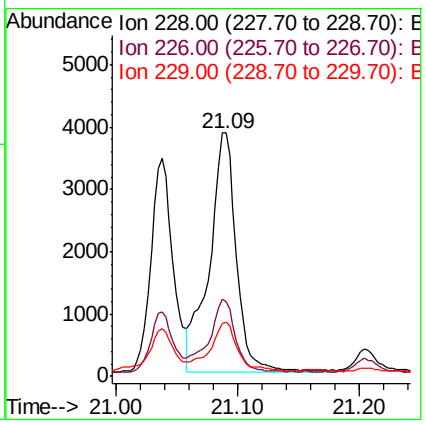


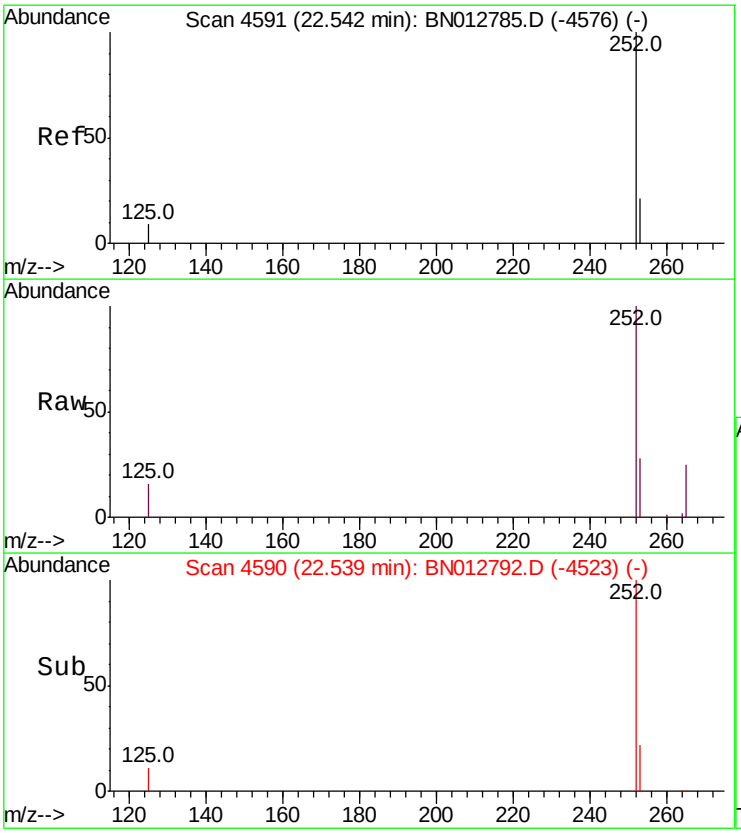
#19
Chrysene
Concen: 0.318 ng/ul
RT: 21.09 min Scan# 4094
Delta R.T. -0.00 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Instrument :
BNA_N
ClientSampleId :
C0BG5

Tgt Ion:228 Resp: 5949

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	22.3	16.1	24.1

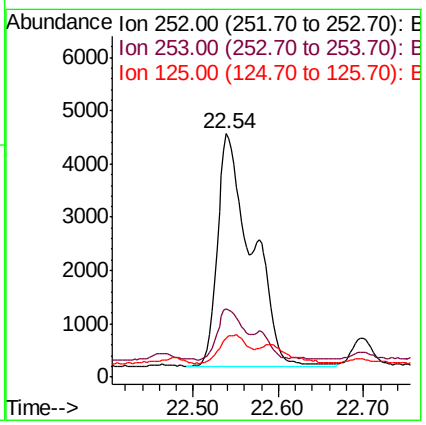


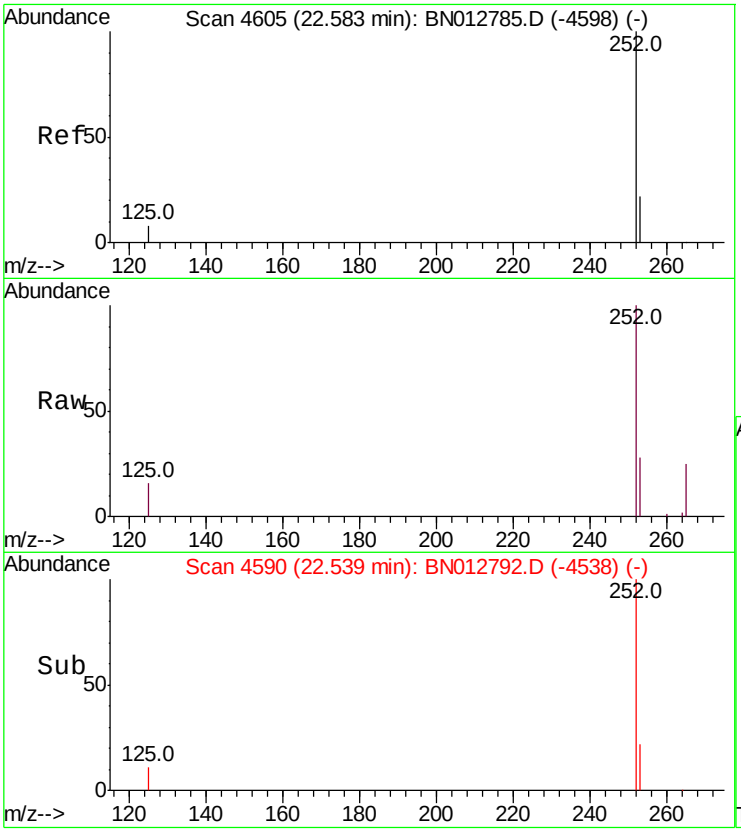


#21
Benzo(b)fluoranthene
Concen: 0.589 ng/ul
RT: 22.54 min Scan# 4590
Delta R.T. -0.00 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Tgt Ion:252 Resp: 12415

Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.0	58.4
125	15.8	0.0	28.6



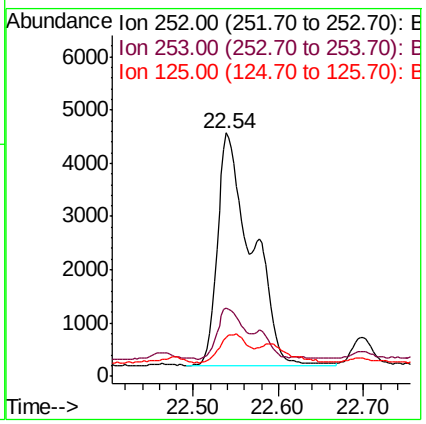


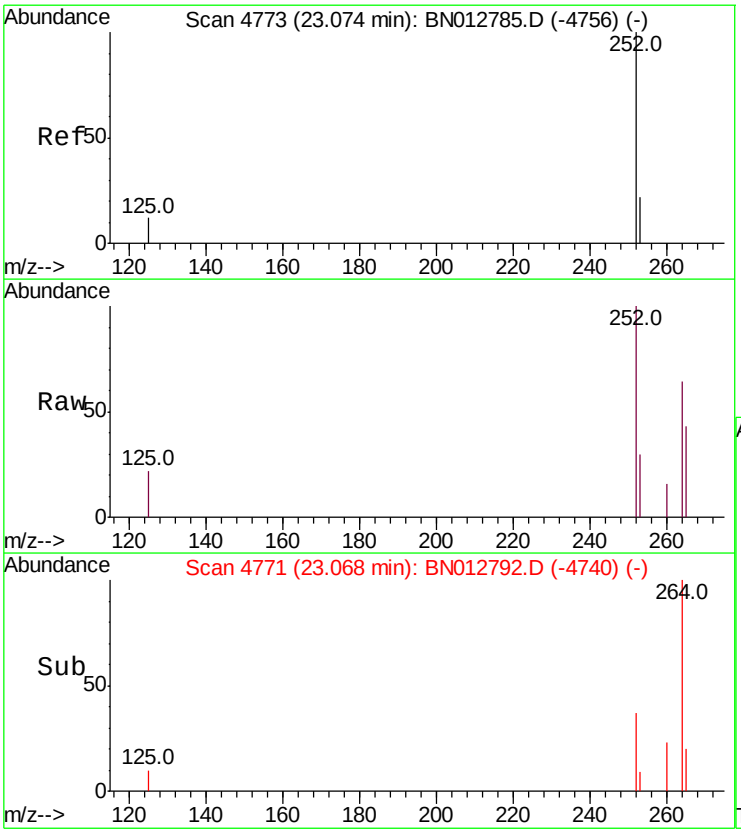
#22
Benzo(k)fluoranthene
Concen: 0.511 ng/ul
RT: 22.54 min Scan# 4590
Delta R.T. -0.05 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Instrument :
BNA_N
ClientSampleId :
C0BG5

Tgt Ion:252 Resp: 12415

Ion	Ratio	Lower	Upper
252	100		
253	28.2	23.4	35.2
125	15.8	10.2	15.2#

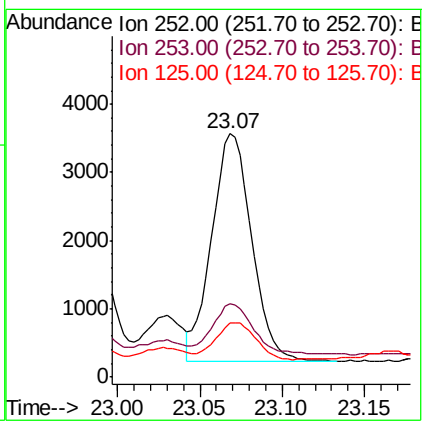


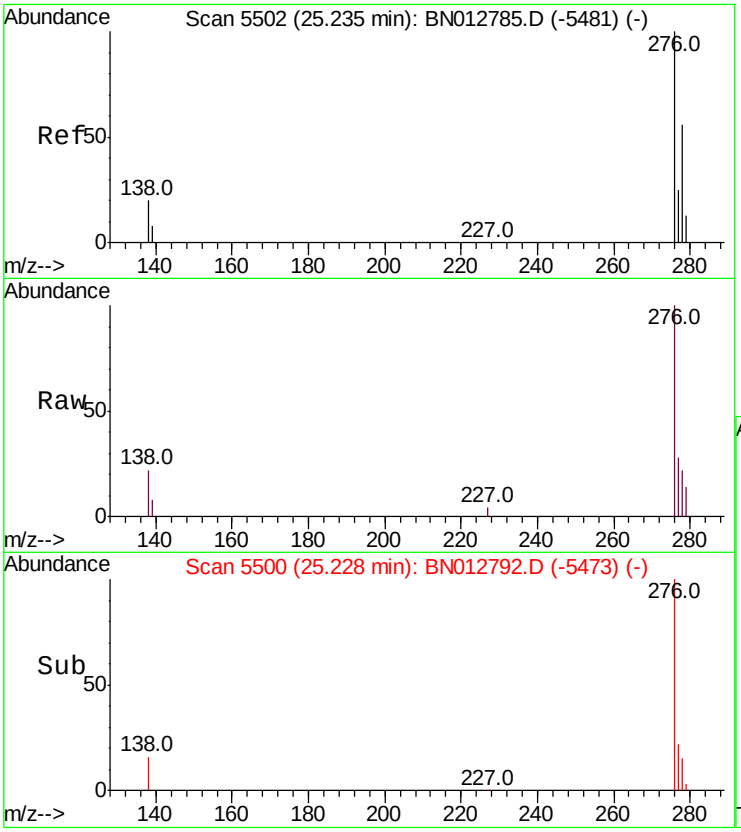


#23
Benzo(a)pyrene
Concen: 0.285 ng/ul
RT: 23.07 min Scan# 4771
Delta R.T. -0.01 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Tgt Ion:252 Resp: 5659

Ion	Ratio	Lower	Upper
252	100		
253	30.1	27.6	41.4
125	22.1	17.0	25.4



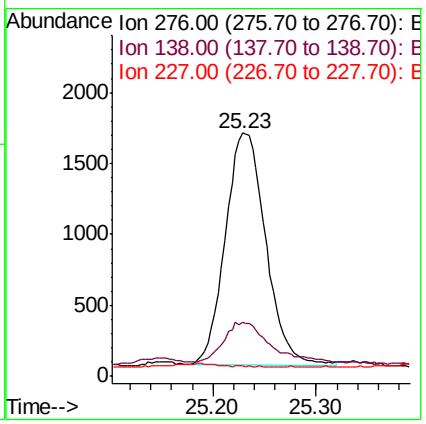


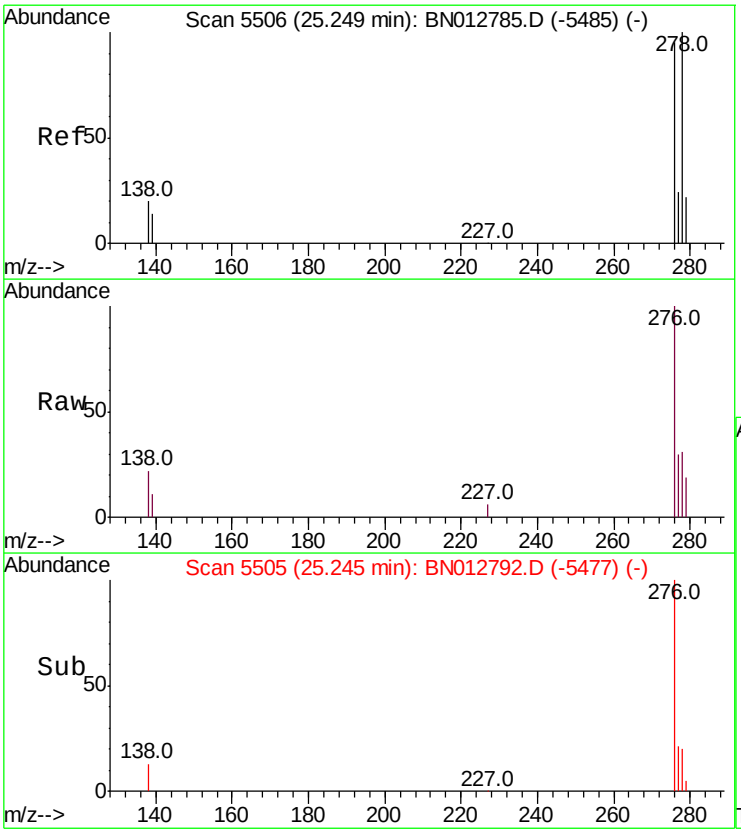
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.171 ng/ul
RT: 25.23 min Scan# 5500
Delta R.T. -0.01 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Instrument :
BNA_N
ClientSampleId :
C0BG5

Tgt Ion:276 Resp: 4446

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.5	24.7
227	0.0	0.1	0.1#

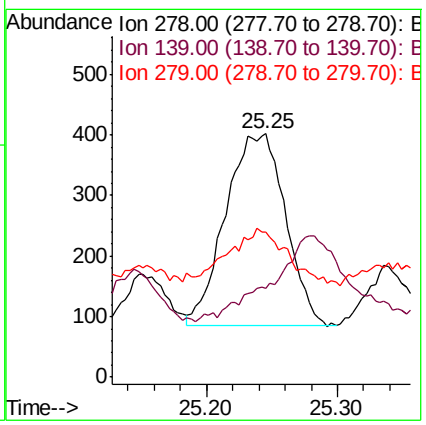


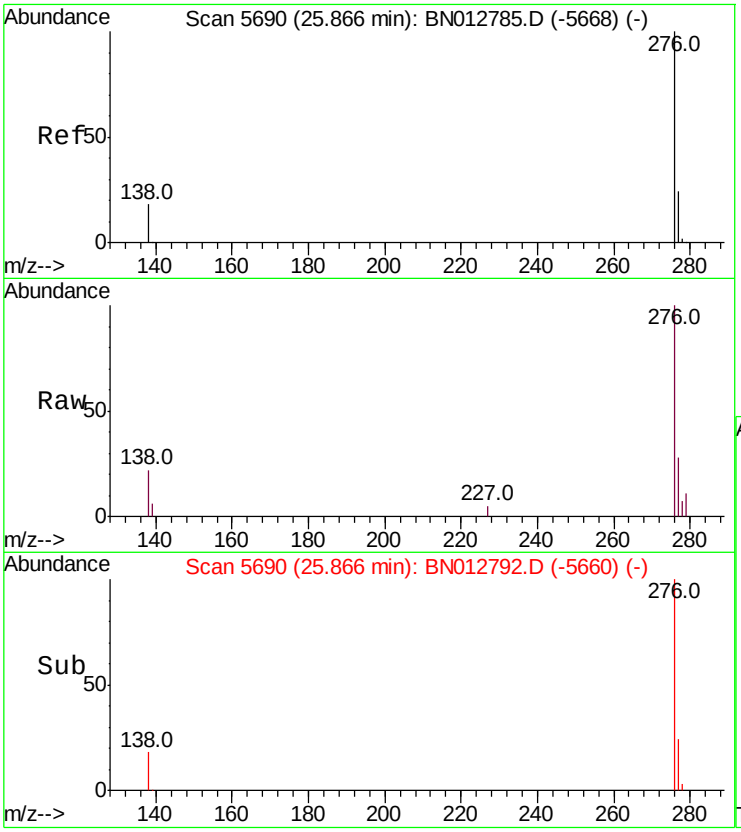


#25
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 25.25 min Scan# 5505
Delta R.T. -0.01 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Tgt Ion:278 Resp: 1000

Ion	Ratio	Lower	Upper
278	100		
139	36.6	13.8	20.8#
279	59.5	25.6	38.4#





#26
Benzo(g,h,i)perylene
Concen: 0.180 ng/ul
RT: 25.87 min Scan# 5690
Delta R.T. 0.00 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Instrument :
BNA_N
ClientSampleId :
C0BG5

Tgt Ion:276 Resp: 4194

Ion	Ratio	Lower	Upper
276	100		
138	22.3	16.3	24.5
277	28.3	21.8	32.8