Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012790.D
Acq On : 01 Dec 2020 20:04
Operator : CG/JU
Sample : L4794-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AY0

Quant Time: Dec 02 00:56:59 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	1025	0.40	ng/ul	0.00
2) Naphthalene-d8	10.19	136	4385	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2546	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	5291	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4449	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4755	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	636	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1514	0.11	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.87	178	3413	0.185	ng/ul	100
13) Anthracene	16.97	178	1010	0.063	ng/ul#	90
15) Fluoranthene	18.91	202	11225	0.528	ng/ul	98
17) Pyrene	19.27	202	11029	0.554	ng/ul	96
18) Benzo(a)anthracene	21.04	228	5262	0.330	ng/ul	99
19) Chrysene	21.09	228	5874	0.295	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	11376	0.520	ng/ul	98
22) Benzo(k)fluoranthene	22.54	252	11376	0.451	ng/ul	97
23) Benzo(a)pyrene	23.07	252	5565	0.270	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.23	276	3994	0.148	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.24	278	1000	0.046	ng/ul#	59
26) Benzo(g,h,i)perylene	25.86	276	3720	0.154	ng/ul	96

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

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Operator : CG/JU
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ALS Vial : 17 Sample Multiplier: 1

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BNA_N
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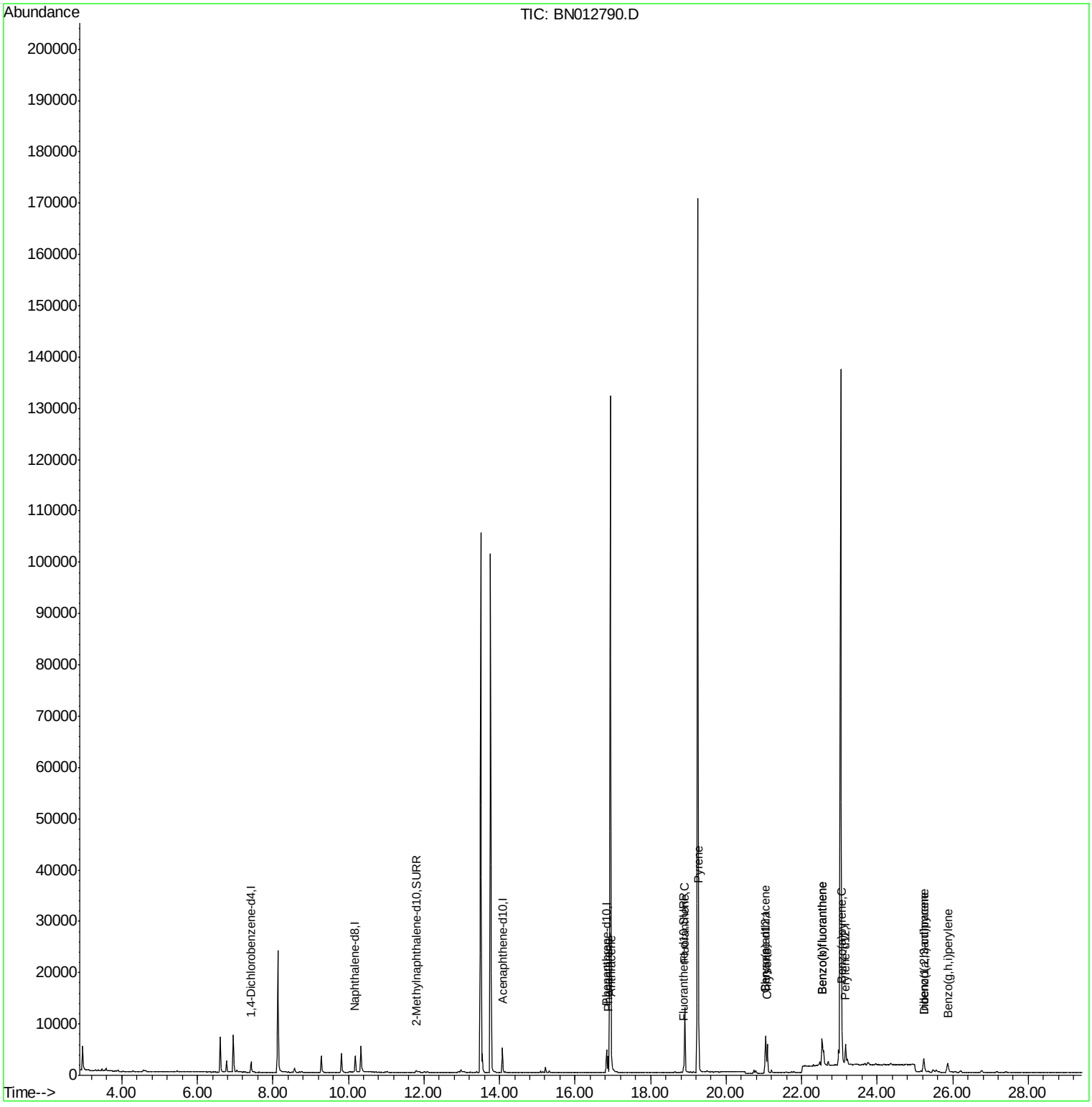
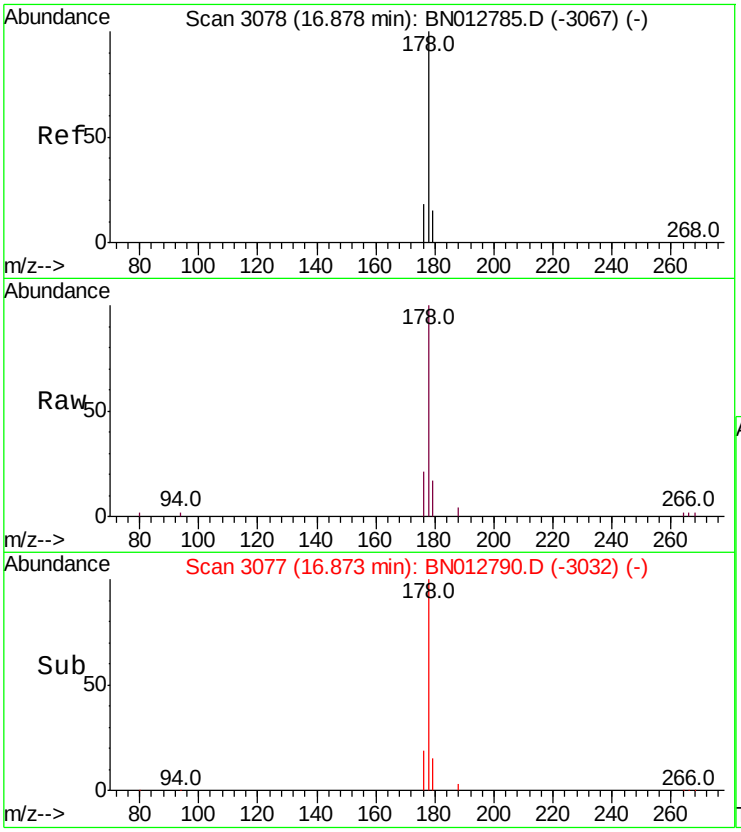
C0AY0

Quant Time: Dec 02 00:56:59 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



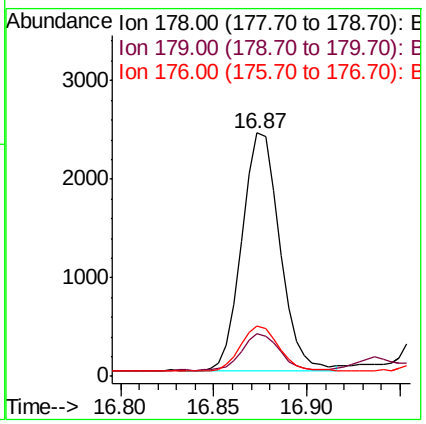


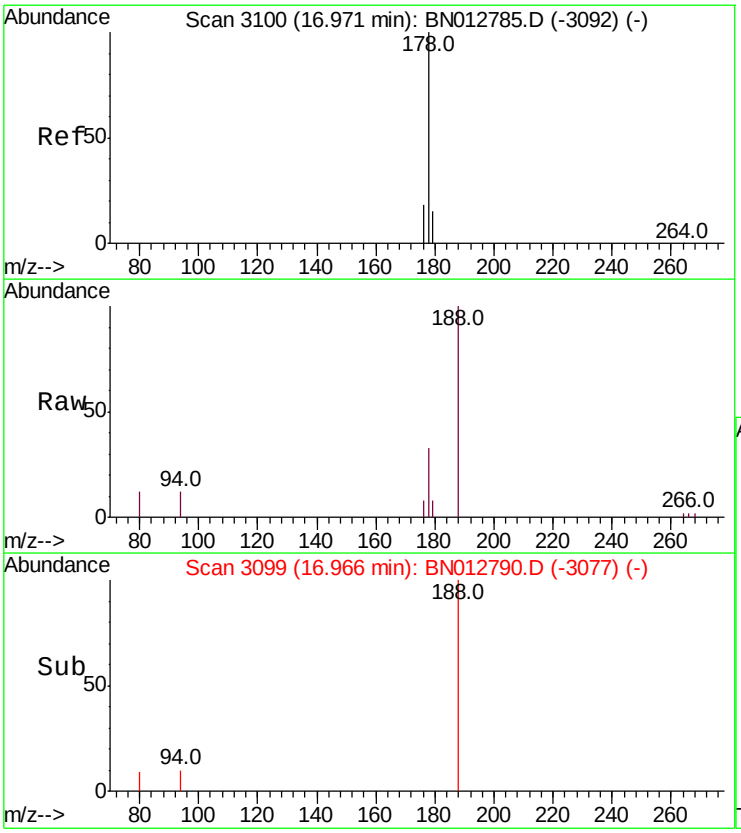
#12
Phenanthrene
Concen: 0.185 ng/ul
RT: 16.87 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BN012790.D
Acq: 01 Dec 2020 20:04

Instrument :
BNA_N
ClientSampleId :
C0AY0

Tgt Ion:178 Resp: 3413

Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.8	20.6
176	20.6	16.7	25.1

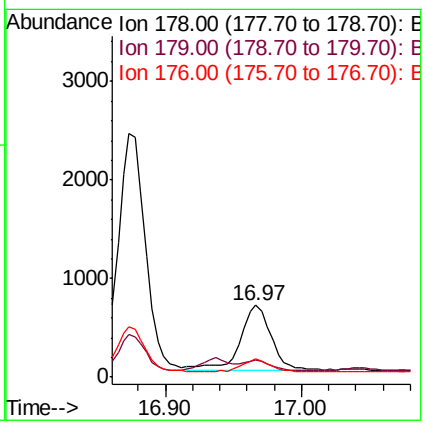


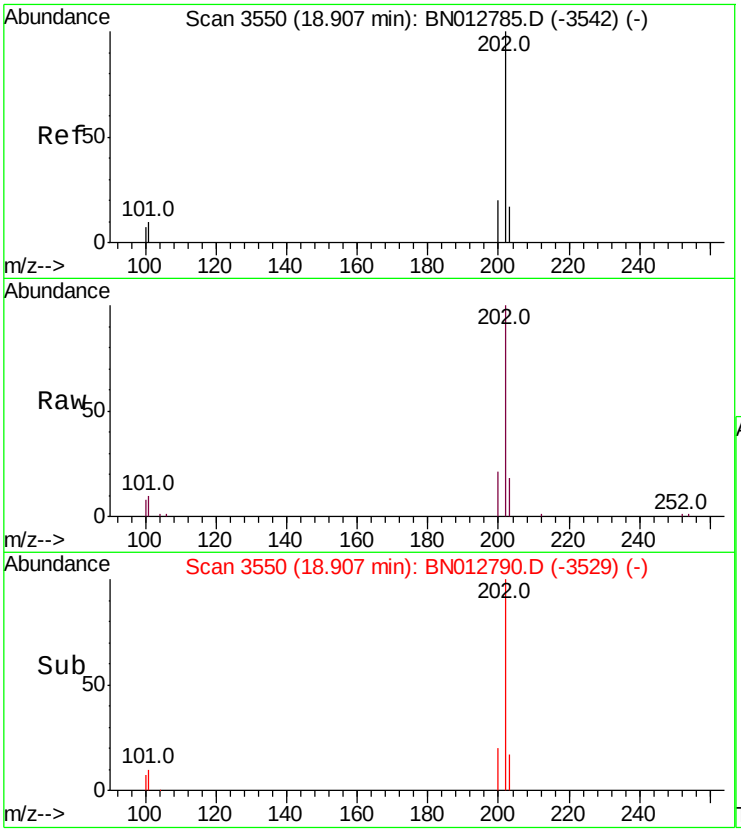


#13
Anthracene
Concen: 0.063 ng/ul
RT: 16.97 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BN012790.D
Acq: 01 Dec 2020 20:04

Tgt Ion:178 Resp: 1010

Ion	Ratio	Lower	Upper
178	100		
179	23.1	14.8	22.2#
176	24.8	16.3	24.5#



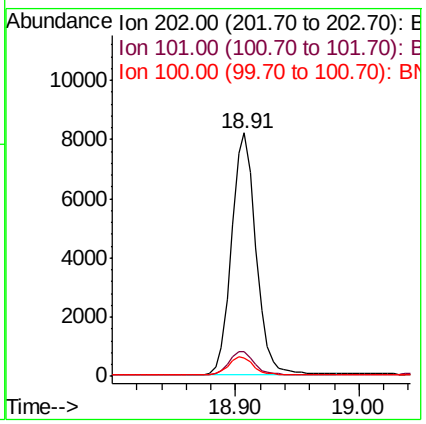


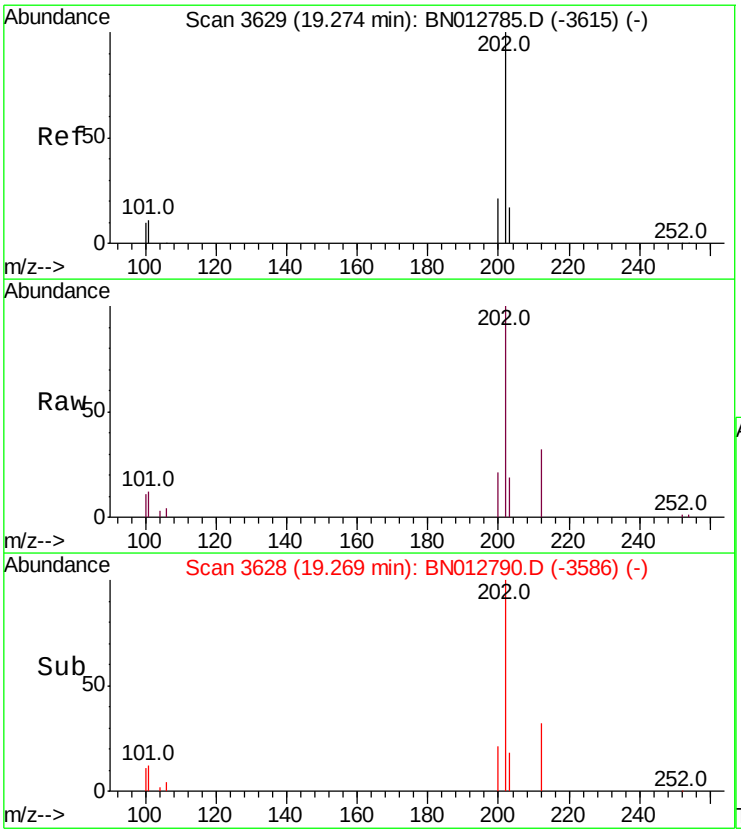
#15
Fluoranthene
Concen: 0.528 ng/ul
RT: 18.91 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BN012790.D
Acq: 01 Dec 2020 20:04

Instrument :
BNA_N
ClientSampleId :
C0AY0

Tgt Ion:202 Resp: 11225

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.5
100	7.6	0.0	28.4

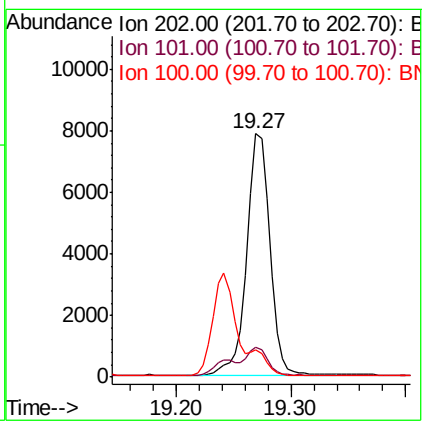


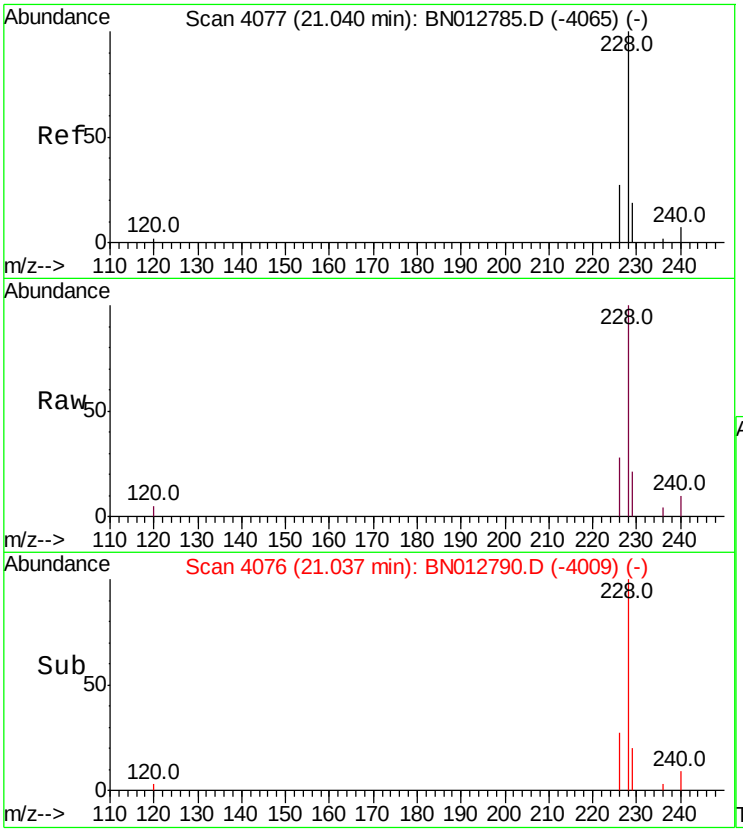


#17
Pyrene
Concen: 0.554 ng/ul
RT: 19.27 min Scan# 3628
Delta R.T. -0.00 min
Lab File: BN012790.D
Acq: 01 Dec 2020 20:04

Tgt Ion:202 Resp: 11029

Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.9	13.3
100	11.1	7.4	11.2



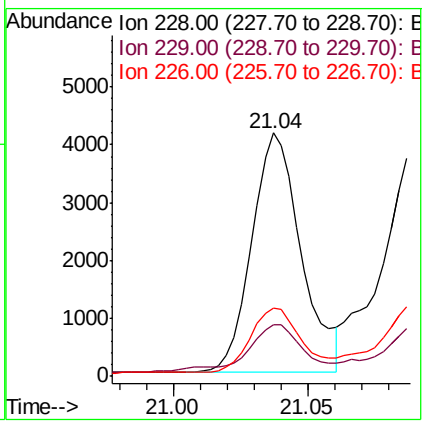


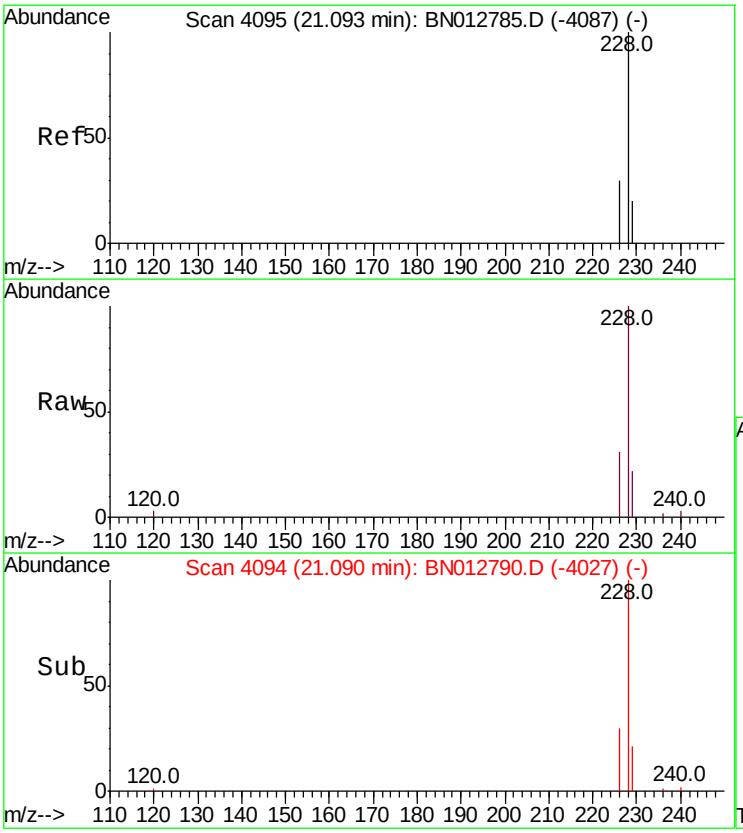
#18
Benzo(a)anthracene
Concen: 0.330 ng/ul
RT: 21.04 min Scan# 4076
Delta R.T. -0.00 min
Lab File: BN012790.D
Acq: 01 Dec 2020 20:04

Instrument :
BNA_N
ClientSampleId :
C0AY0

Tgt Ion:228 Resp: 5262

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.9	25.3
226	27.9	23.1	34.7

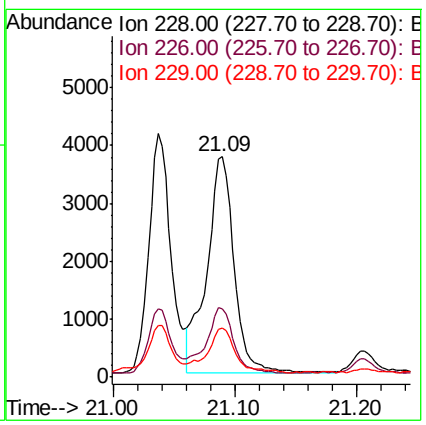


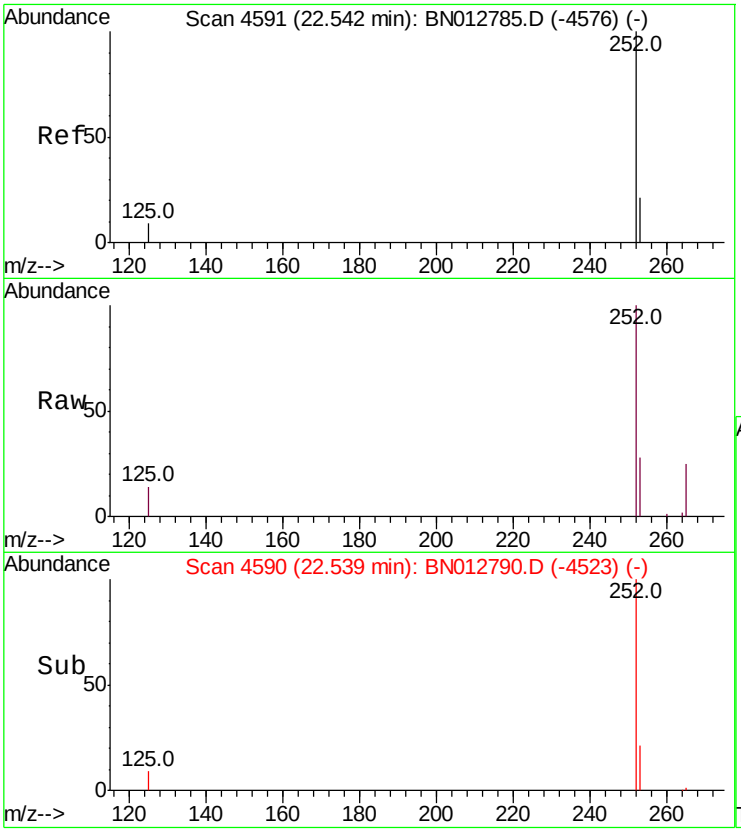


#19
Chrysene
Concen: 0.295 ng/ul
RT: 21.09 min Scan# 4094
Delta R.T. -0.00 min
Lab File: BN012790.D
Acq: 01 Dec 2020 20:04

Tgt Ion:228 Resp: 5874

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	22.0	16.1	24.1



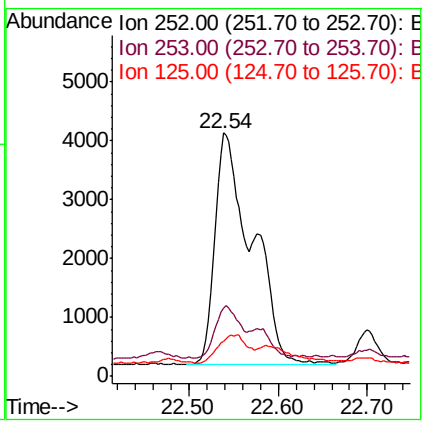


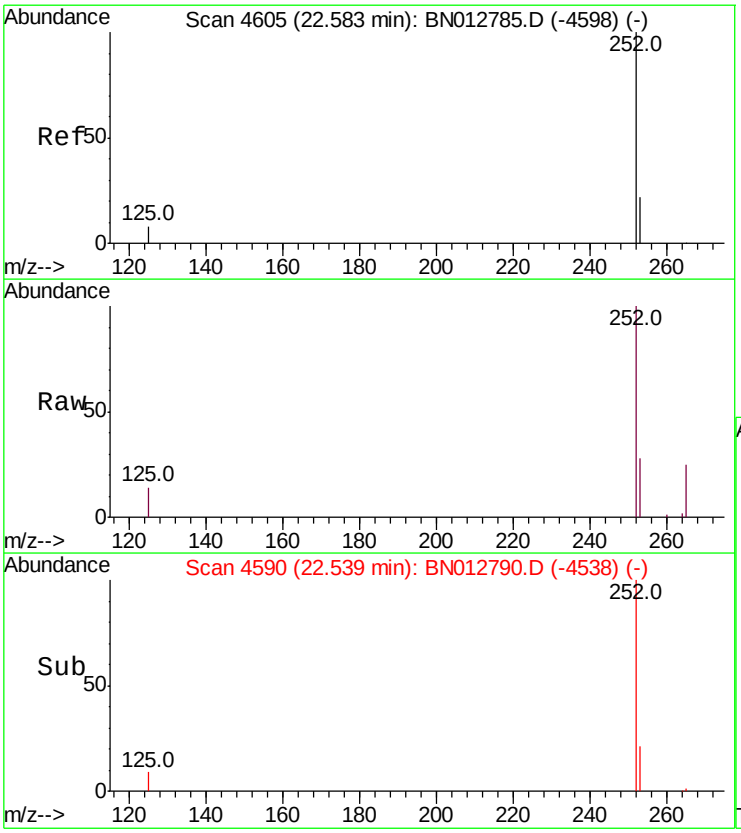
#21
Benzo(b)fluoranthene
Concen: 0.520 ng/ul
RT: 22.54 min Scan# 4590
Delta R.T. -0.00 min
Lab File: BN012790.D
Acq: 01 Dec 2020 20:04

Instrument :
BNA_N
ClientSampleId :
C0AY0

Tgt Ion:252 Resp: 11376

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	58.4
125	14.4	0.0	28.6

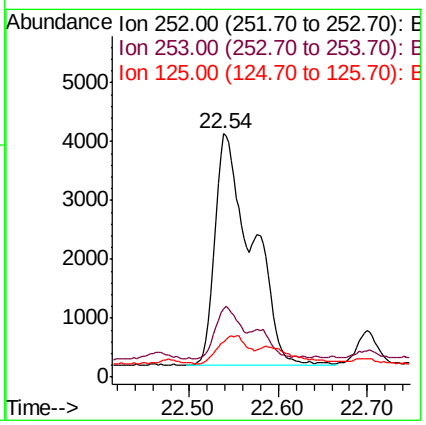


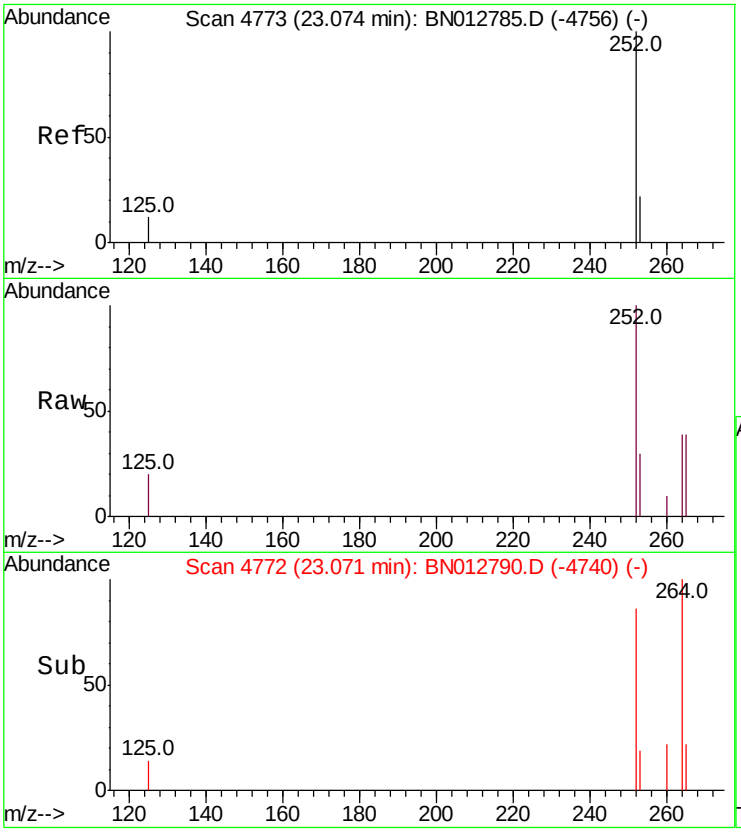


#22
Benzo(k)fluoranthene
Concen: 0.451 ng/ul
RT: 22.54 min Scan# 4590
Delta R.T. -0.05 min
Lab File: BN012790.D
Acq: 01 Dec 2020 20:04

Tgt Ion:252 Resp: 11376

Ion	Ratio	Lower	Upper
252	100		
253	27.8	23.4	35.2
125	14.4	10.2	15.2



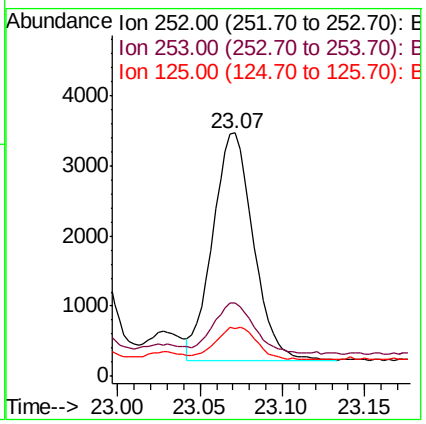


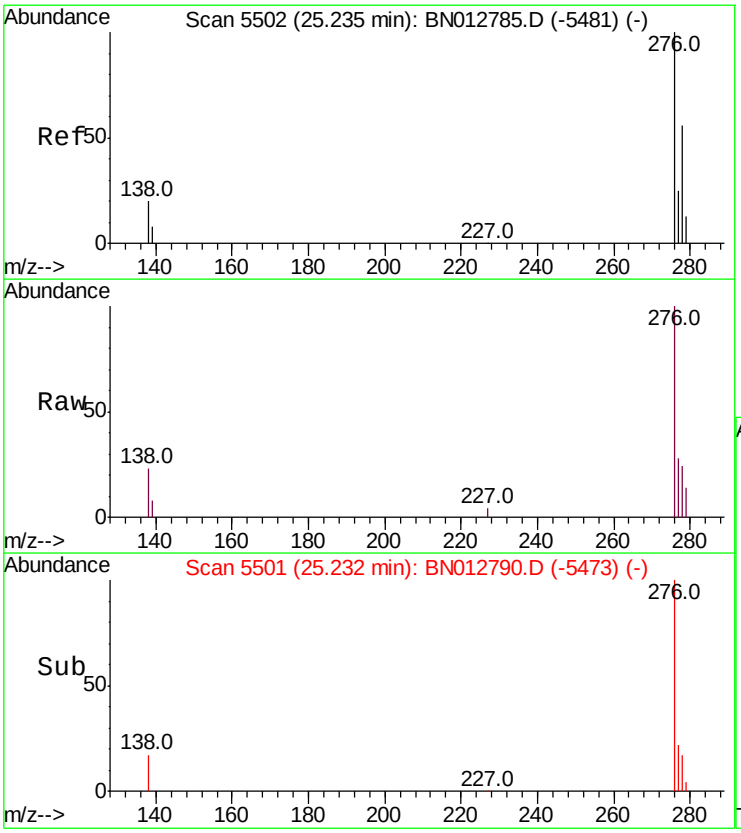
#23
Benzo(a)pyrene
Concen: 0.270 ng/ul
RT: 23.07 min Scan# 4772
Delta R.T. -0.01 min
Lab File: BN012790.D
Acq: 01 Dec 2020 20:04

Instrument :
BNA_N
ClientSampleId :
C0AY0

Tgt Ion:252 Resp: 5565

Ion	Ratio	Lower	Upper
252	100		
253	29.9	27.6	41.4
125	19.9	17.0	25.4

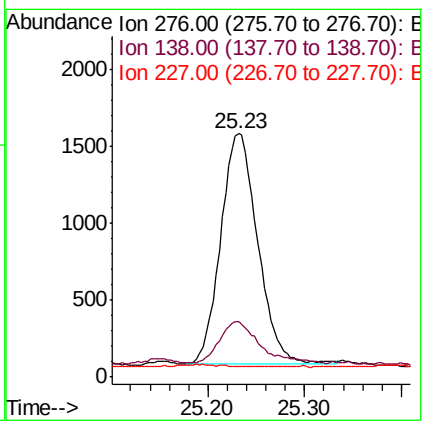


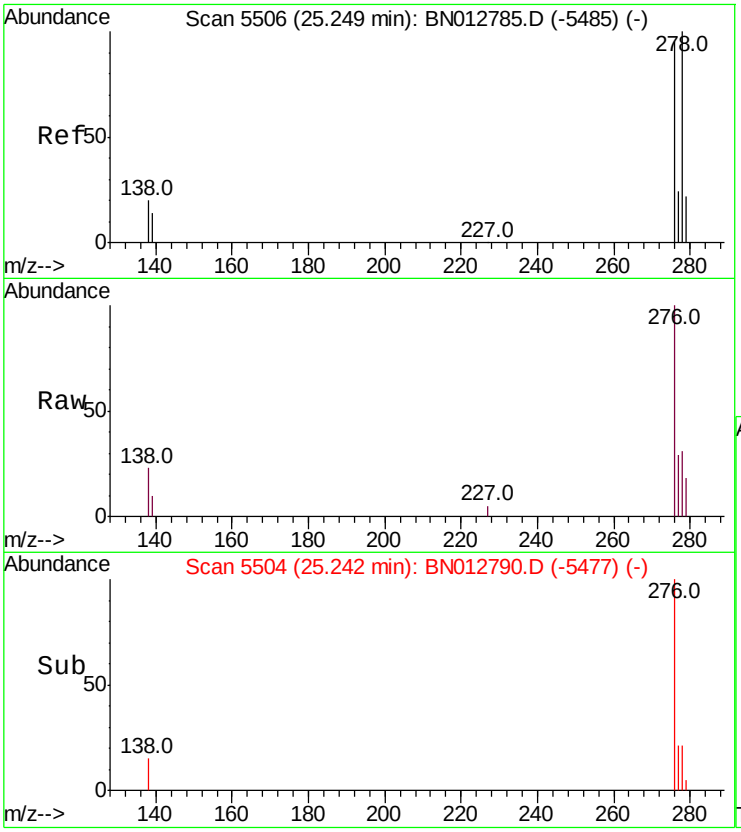


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.148 ng/ul
RT: 25.23 min Scan# 5501
Delta R.T. -0.01 min
Lab File: BN012790.D
Acq: 01 Dec 2020 20:04

Tgt Ion:276 Resp: 3994

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.5	24.7
227	0.1	0.1	0.1#



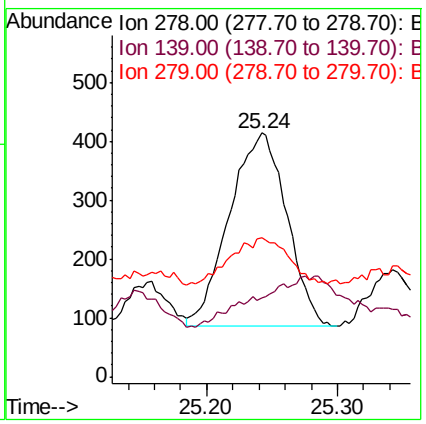


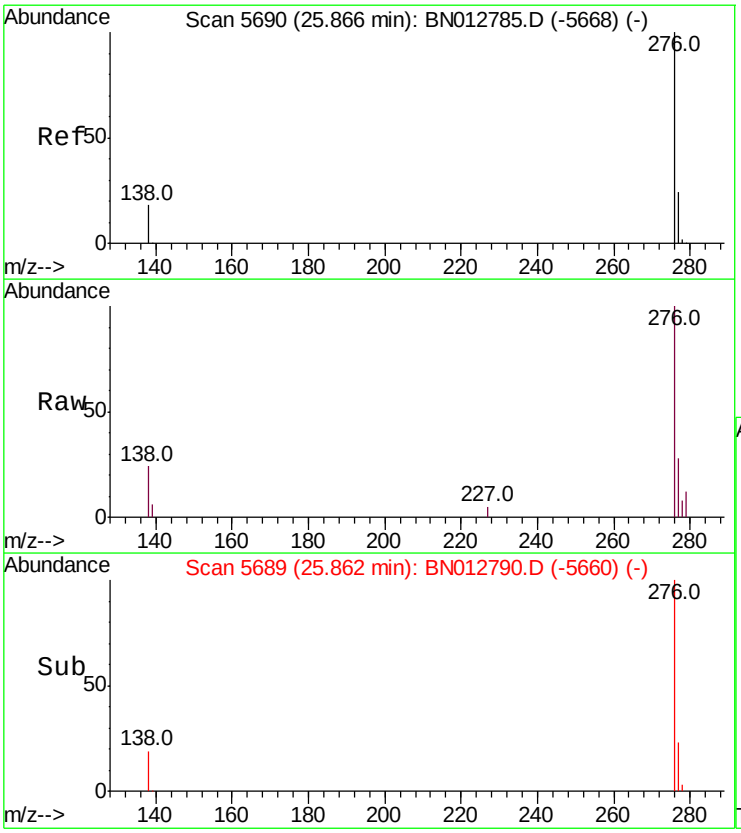
#25
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 25.24 min Scan# 5504
Delta R.T. -0.01 min
Lab File: BN012790.D
Acq: 01 Dec 2020 20:04

Instrument :
BNA_N
ClientSampleId :
C0AY0

Tgt Ion:278 Resp: 1000

Ion	Ratio	Lower	Upper
278	100		
139	32.1	13.8	20.8#
279	57.0	25.6	38.4#





#26
Benzo(g,h,i)perylene
Concen: 0.154 ng/ul
RT: 25.86 min Scan# 5689
Delta R.T. -0.00 min
Lab File: BN012790.D
Acq: 01 Dec 2020 20:04

Tgt Ion:276 Resp: 3720

Ion	Ratio	Lower	Upper
276	100		
138	24.1	16.3	24.5
277	27.9	21.8	32.8