Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012954.D
Acq On : 08 Dec 2020 00:08
Operator : CG/JU
Sample : L4862-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B04

Quant Time: Dec 08 01:55:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 00:15:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1028	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4249	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2545	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.81
16) Chrysene-d12	21.03	240	4620	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4518	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	2792	0.44	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	6116	0.00	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	284	0.023	ng/ul#	69
5) 2-Methylnaphthalene	11.83	142	187	0.023	ng/ul	93
7) Acenaphthylene	13.76	152	280	0.023	ng/ul#	57
17) Pyrene	19.25	202	12016	0.551	ng/ul	97
18) Benzo(a)anthracene	21.01	228	6682	0.350	ng/ul	99
19) Chrysene	21.07	228	8374	0.397	ng/ul	99
21) Benzo(b)fluoranthene	22.51	252	17542	0.839	ng/ul	94
22) Benzo(k)fluoranthene	22.51	252	17542	0.759	ng/ul	95
23) Benzo(a)pyrene	23.04	252	7765	0.400	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.19	276	5311	0.208	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.19	278	1335	0.066	ng/ul#	66
26) Benzo(g,h,i)perylene	25.82	276	5363	0.233	ng/ul	96

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

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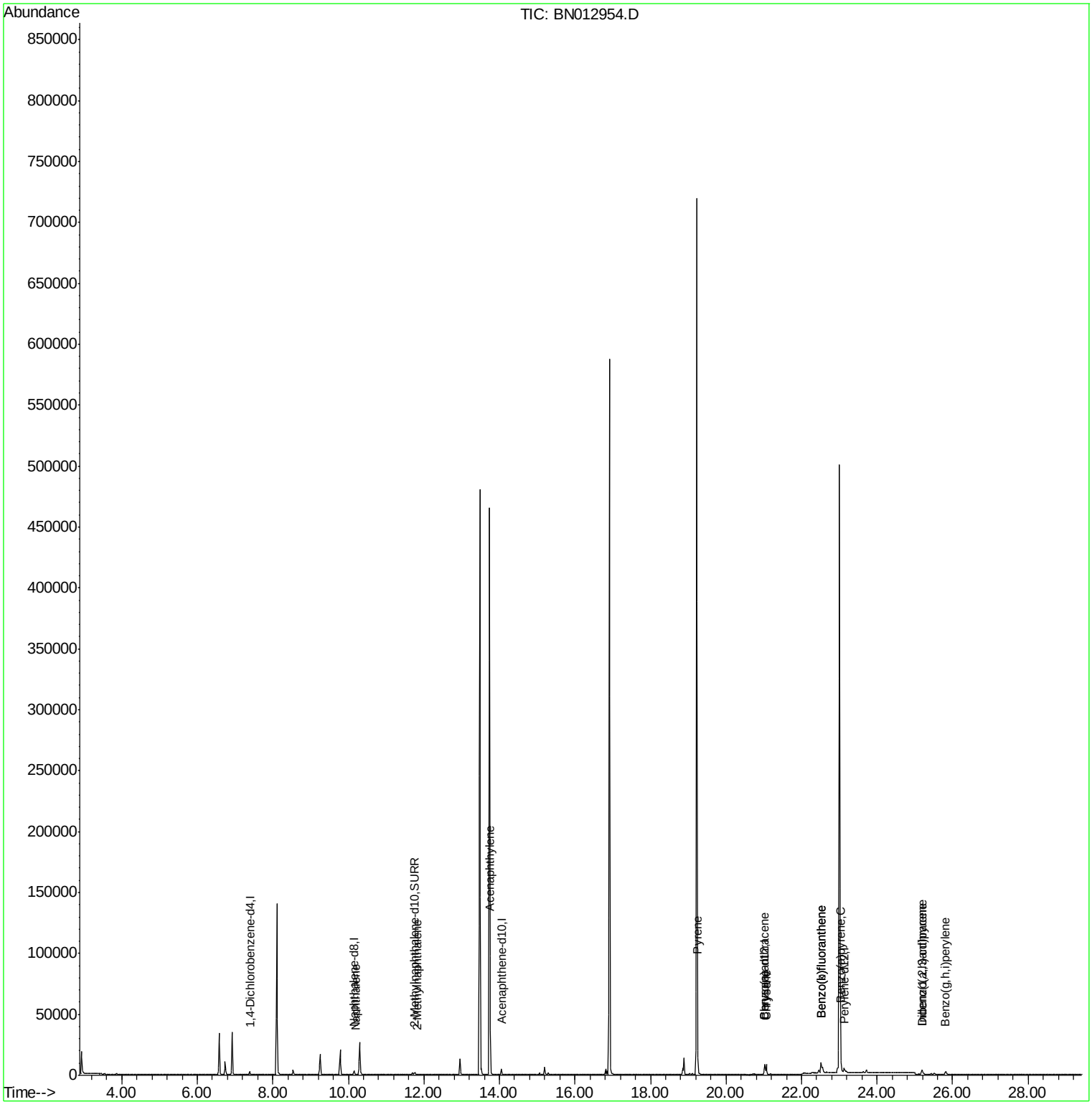
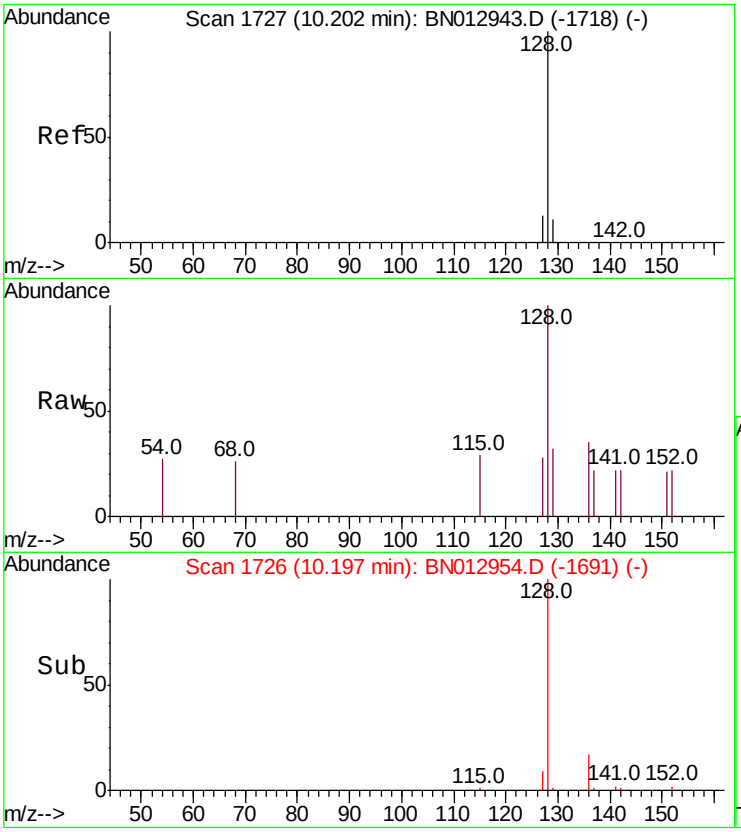
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 00:15:39 2020
Response via : Initial Calibration



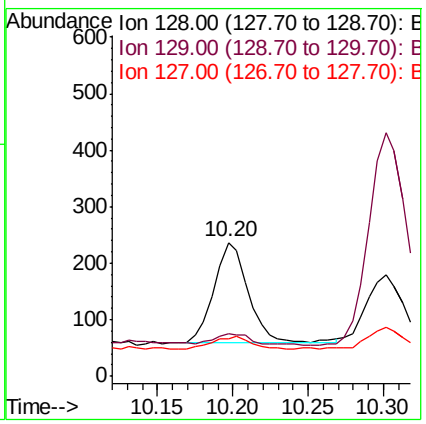


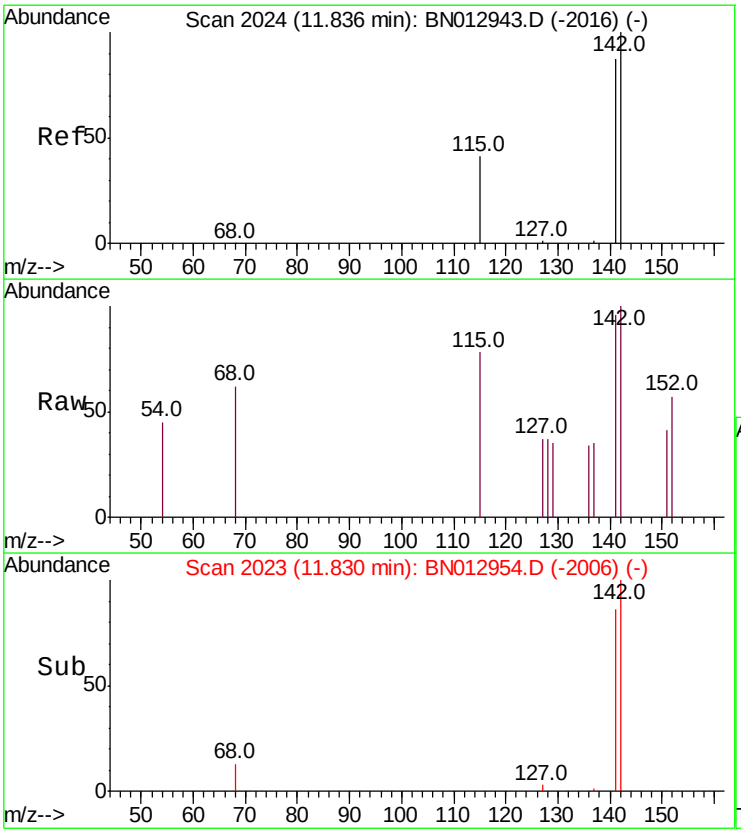
#3
Naphthalene
Concen: 0.023 ng/ul
RT: 10.20 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BN012954.D
Acq: 08 Dec 2020 00:08

Instrument :
BNA_N
ClientSampleId :
C0B04

Tgt Ion:128 Resp: 284

Ion	Ratio	Lower	Upper
128	100		
129	31.6	12.3	18.5#
127	28.3	14.2	21.4#

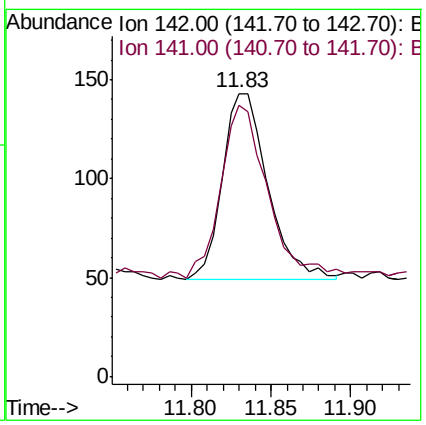


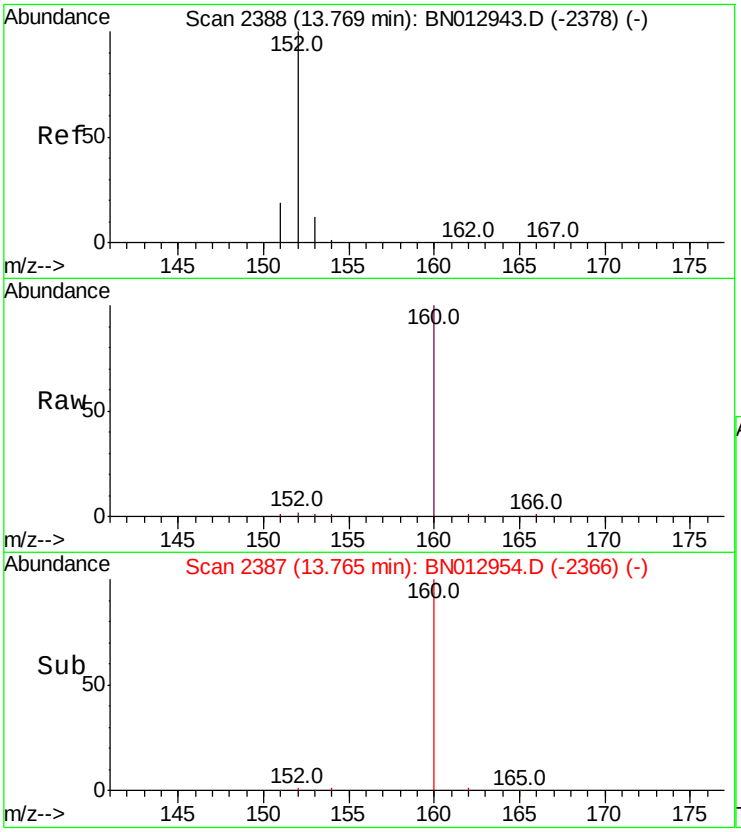


#5
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.83 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BN012954.D
Acq: 08 Dec 2020 00:08

Tgt Ion:142 Resp: 187

Ion	Ratio	Lower	Upper
142	100		
141	97.9	73.0	109.6



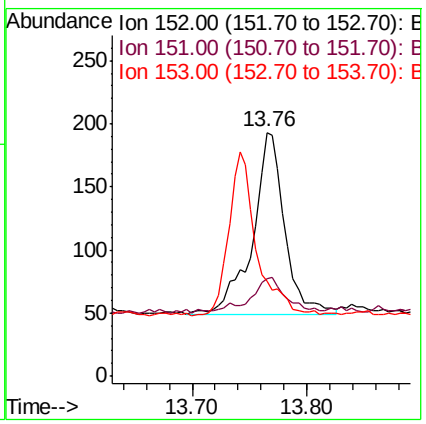


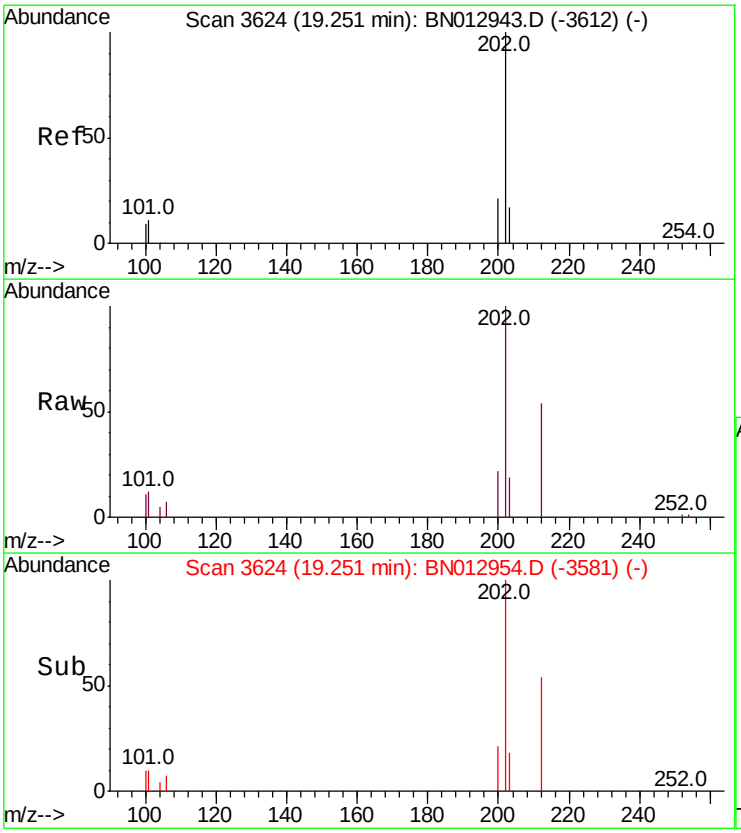
#7
Acenaphthylene
Concen: 0.023 ng/ul
RT: 13.76 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BN012954.D
Acq: 08 Dec 2020 00:08

Instrument :
BNA_N
ClientSampleId :
C0B04

Tgt Ion:152 Resp: 280

Ion	Ratio	Lower	Upper
152	100		
151	39.9	18.2	27.4#
153	38.9	13.1	19.7#

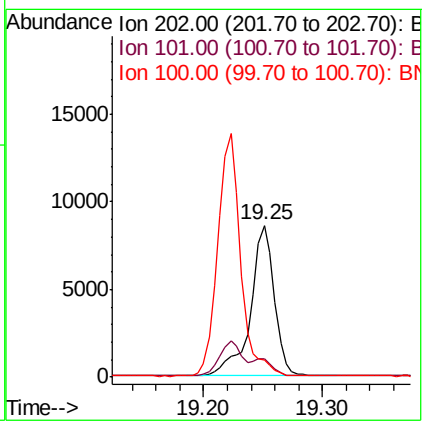


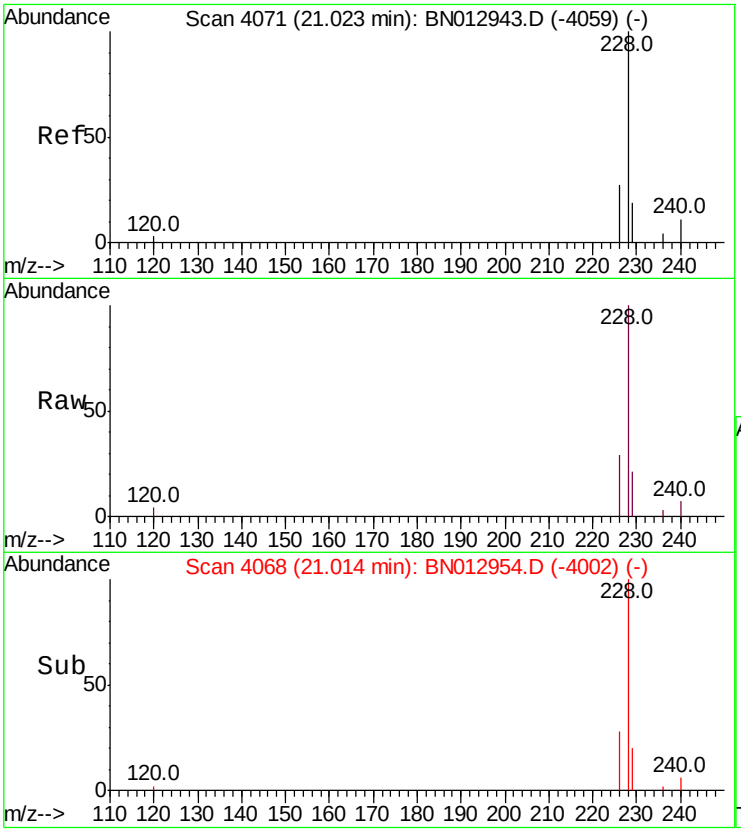


#17
Pyrene
Concen: 0.551 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.00 min
Lab File: BN012954.D
Acq: 08 Dec 2020 00:08

Tgt Ion:202 Resp: 12016

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.1	13.7
100	11.2	7.5	11.3



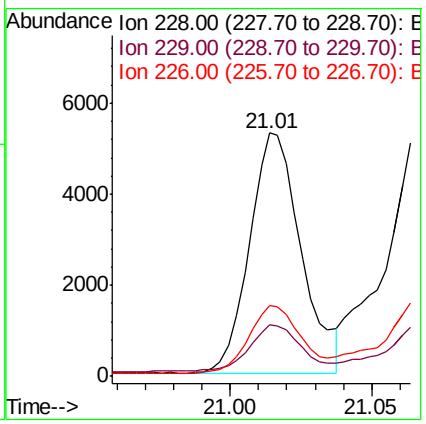


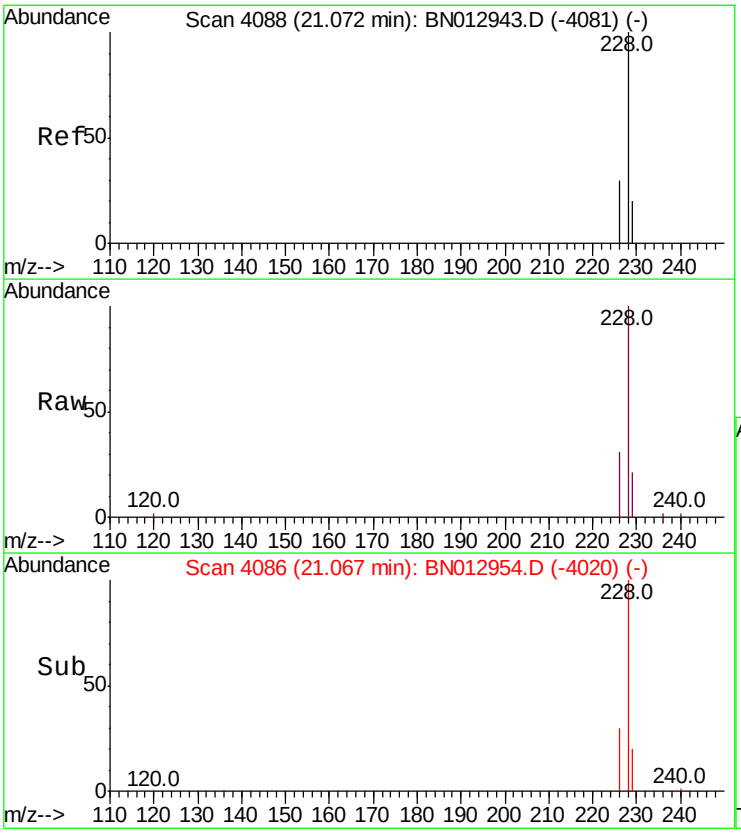
#18
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 21.01 min Scan# 4068
Delta R.T. -0.01 min
Lab File: BN012954.D
Acq: 08 Dec 2020 00:08

Instrument :
BNA_N
ClientSampleId :
C0B04

Tgt Ion:228 Resp: 6682

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.3	24.5
226	29.1	23.4	35.2

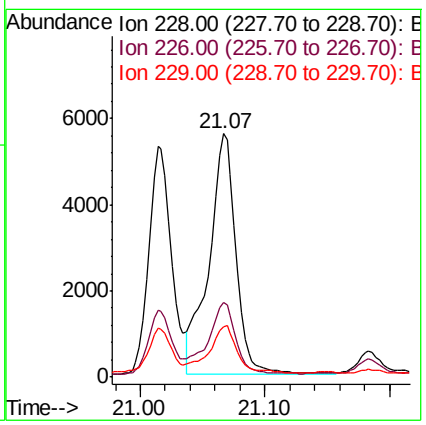


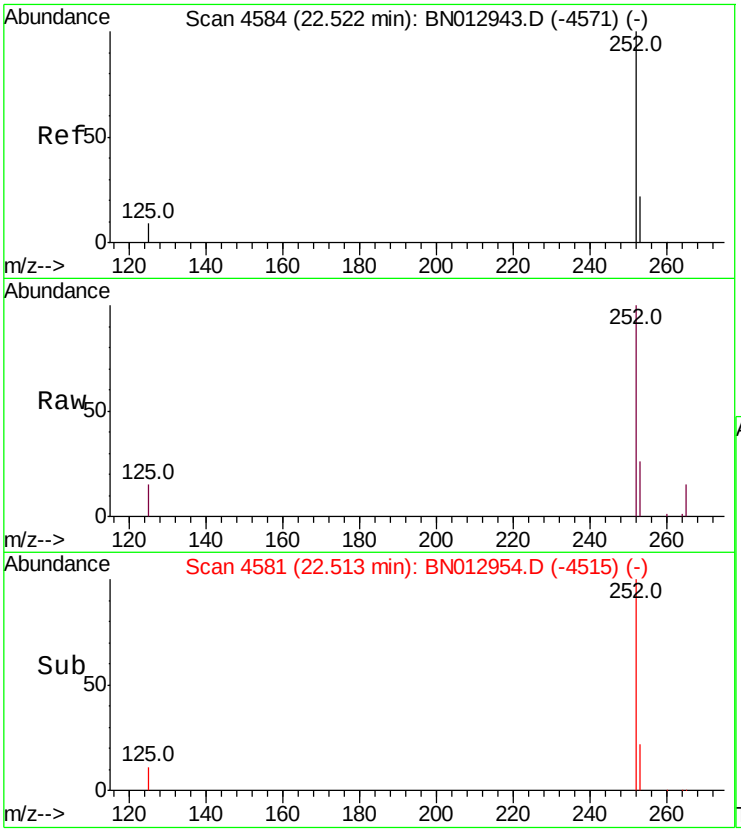


#19
Chrysene
Concen: 0.397 ng/ul
RT: 21.07 min Scan# 4086
Delta R.T. -0.01 min
Lab File: BN012954.D
Acq: 08 Dec 2020 00:08

Tgt Ion:228 Resp: 8374

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.7	16.4	24.6



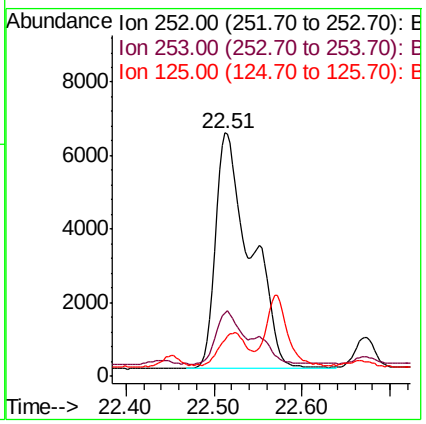


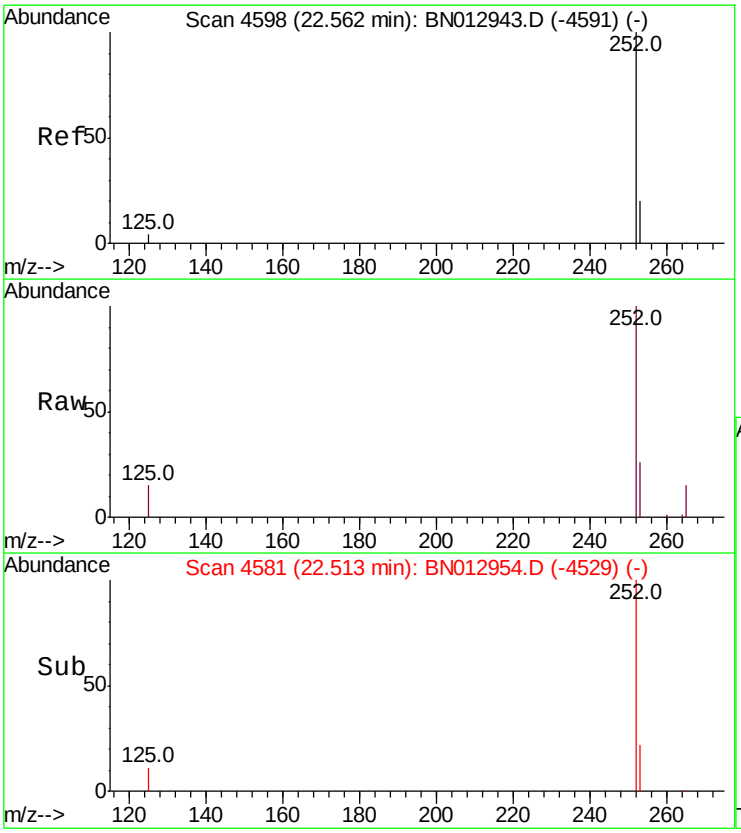
#21
Benzo(b)fluoranthene
Concen: 0.839 ng/ul
RT: 22.51 min Scan# 4581
Delta R.T. -0.01 min
Lab File: BN012954.D
Acq: 08 Dec 2020 00:08

Instrument :
BNA_N
ClientSampleId :
C0B04

Tgt Ion:252 Resp: 17542

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	59.6
125	15.1	0.0	26.0

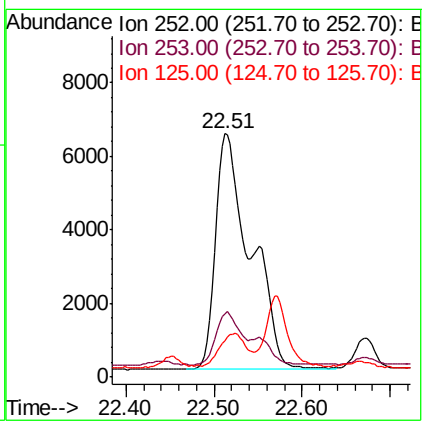


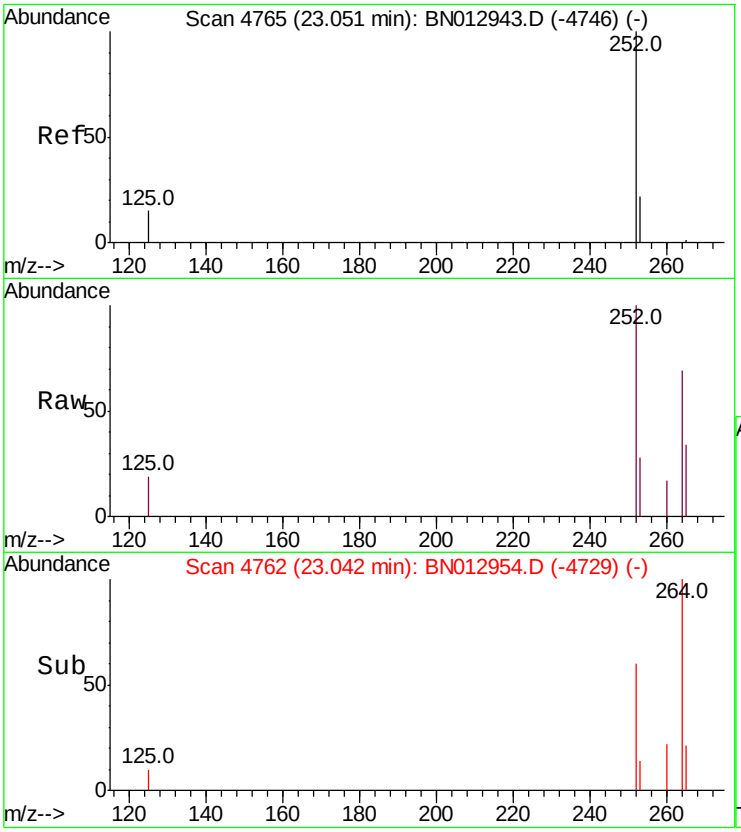


#22
Benzo(k)fluoranthene
Concen: 0.759 ng/ul
RT: 22.51 min Scan# 4581
Delta R.T. -0.05 min
Lab File: BN012954.D
Acq: 08 Dec 2020 00:08

Tgt Ion:252 Resp: 17542

Ion	Ratio	Lower	Upper
252	100		
253	26.1	23.4	35.2
125	15.1	11.1	16.7



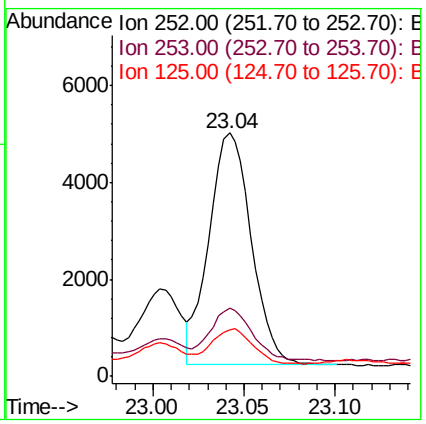


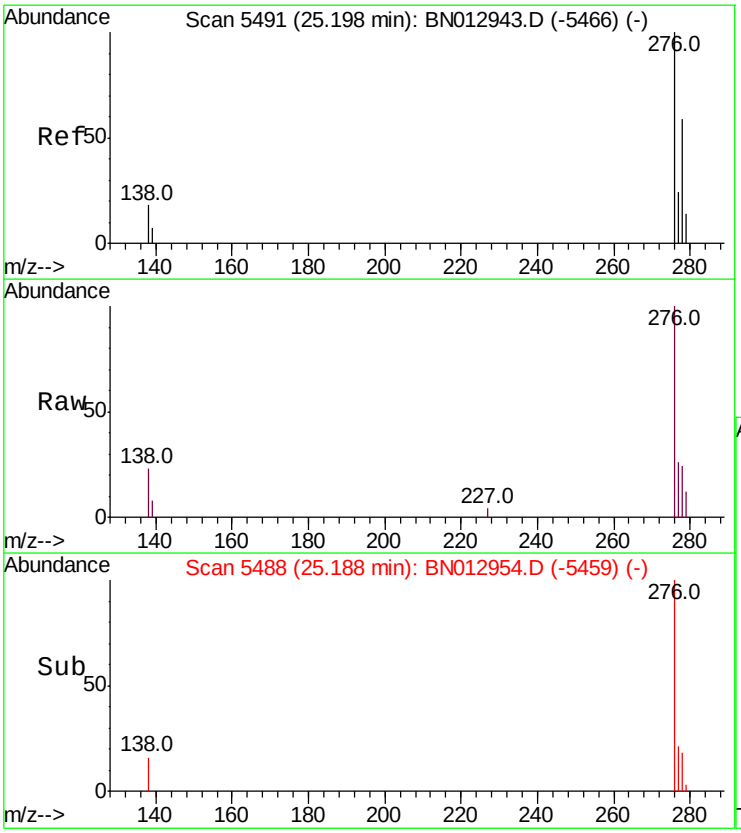
#23
Benzo(a)pyrene
Concen: 0.400 ng/ul
RT: 23.04 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN012954.D
Acq: 08 Dec 2020 00:08

Instrument :
BNA_N
ClientSampleId :
C0B04

Tgt Ion:252 Resp: 7765

Ion	Ratio	Lower	Upper
252	100		
253	27.8	26.5	39.7
125	19.1	14.2	21.2

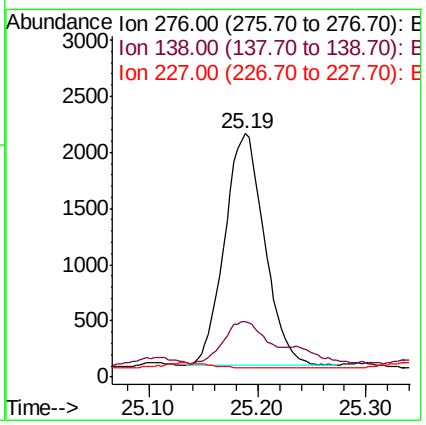


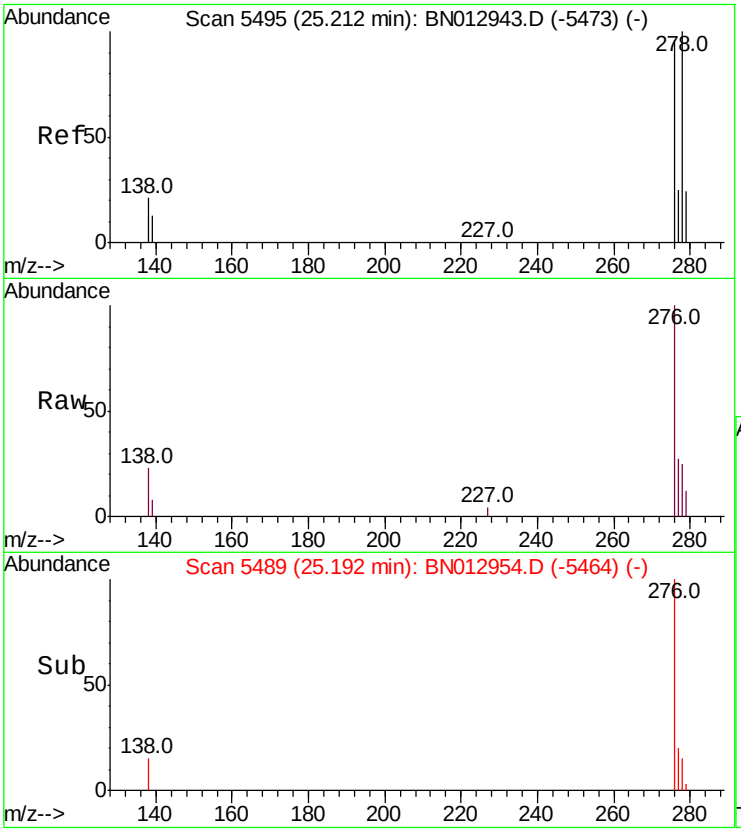


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.208 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN012954.D
Acq: 08 Dec 2020 00:08

Tgt Ion:276 Resp: 5311

Ion	Ratio	Lower	Upper
276	100		
138	24.9	16.2	24.2#
227	0.0	0.0	0.0



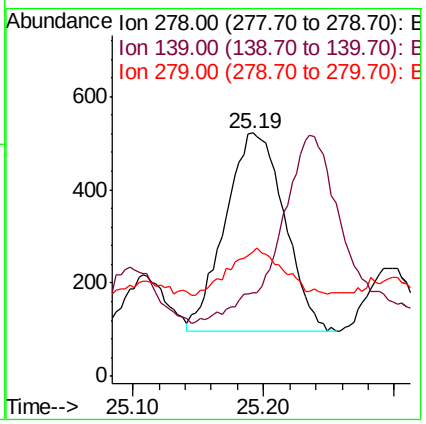


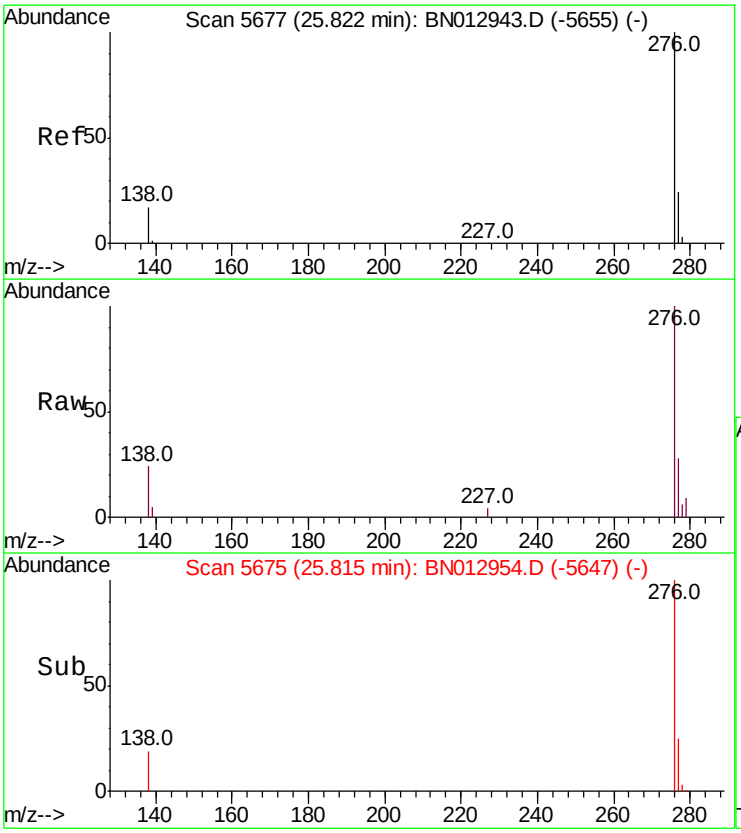
#25
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. -0.02 min
Lab File: BN012954.D
Acq: 08 Dec 2020 00:08

Instrument :
BNA_N
ClientSampleId :
C0B04

Tgt Ion:278 Resp: 1335

Ion	Ratio	Lower	Upper
278	100		
139	34.3	14.5	21.7#
279	51.0	26.3	39.5#





#26
Benzo(g,h,i)perylene
Concen: 0.233 ng/ul
RT: 25.82 min Scan# 5675
Delta R.T. -0.01 min
Lab File: BN012954.D
Acq: 08 Dec 2020 00:08

Tgt Ion:276 Resp: 5363

Ion	Ratio	Lower	Upper
276	100		
138	23.7	16.3	24.5
277	28.3	21.8	32.6