Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013017.D
Acq On : 09 Dec 2020 18:20
Operator : CG/JU
Sample : L4941-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AX8

Quant Time: Dec 10 00:59:59 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 : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1008	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	3965	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2202	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	3694	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	3438	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1162	0.20	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	2600	0.00	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.76	152	386	0.037	ng/ul#	62
9) Fluorene	15.11	166	218	0.022	ng/ul#	89
17) Pyrene	19.25	202	18926	1.085	ng/ul	96
18) Benzo(a)anthracene	21.02	228	10410	0.681	ng/ul	98
19) Chrysene	21.07	228	12944	0.767	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	23145	1.455	ng/ul	93
22) Benzo(k)fluoranthene	22.52	252	23068	1.312	ng/ul	95
23) Benzo(a)pyrene	23.04	252	10101	0.684	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.19	276	6763	0.349	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	1627	0.106	ng/ul#	64
26) Benzo(g,h,i)perylene	25.82	276	5627	0.321	ng/ul#	94

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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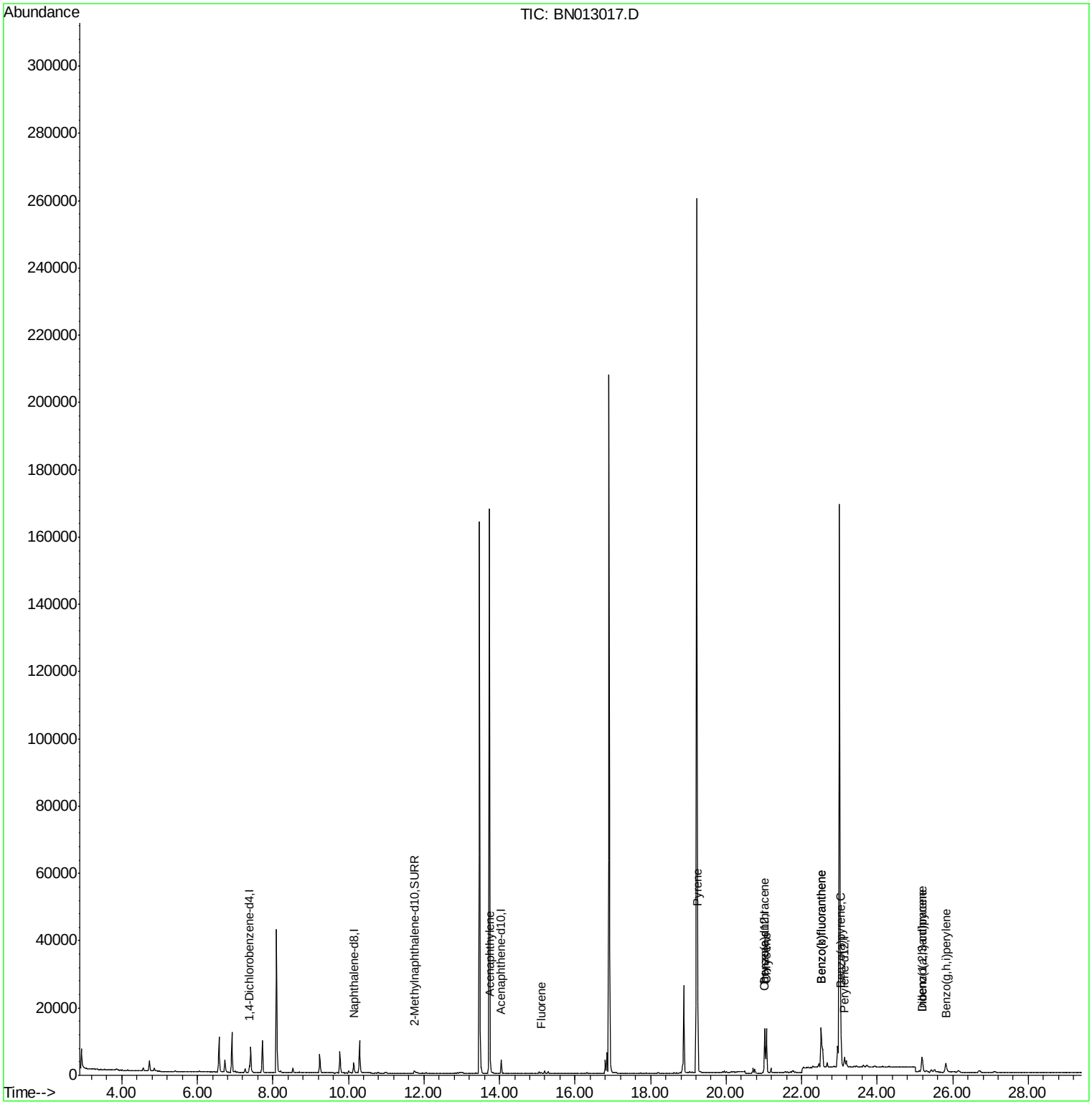
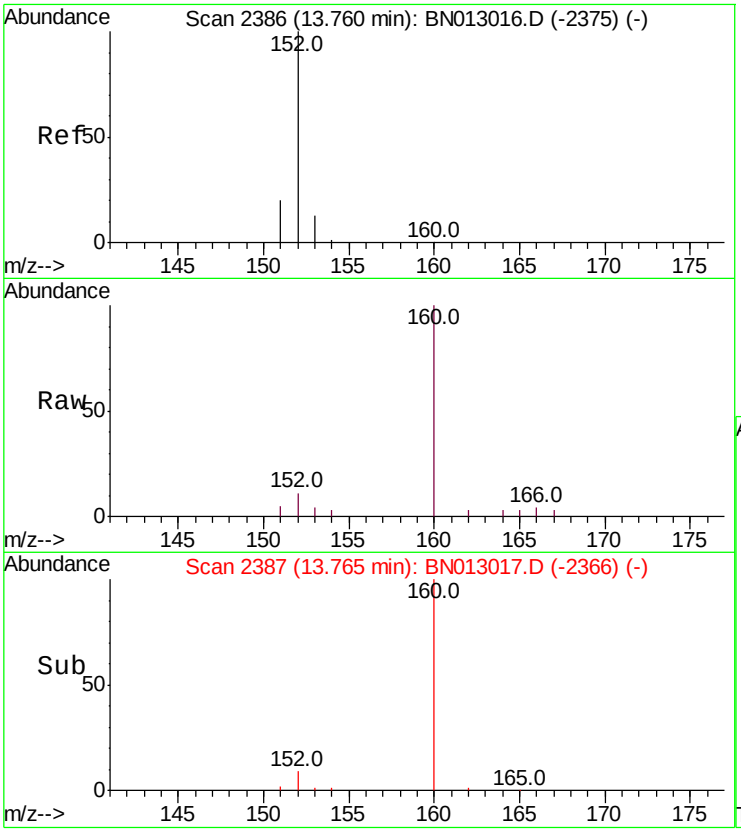


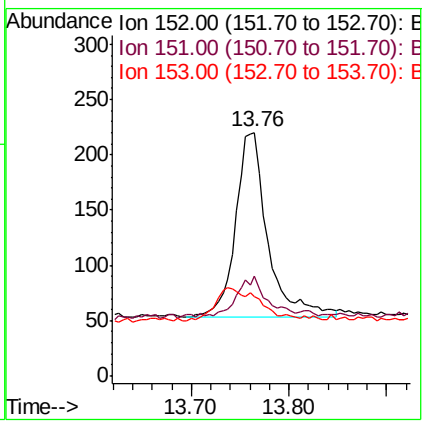


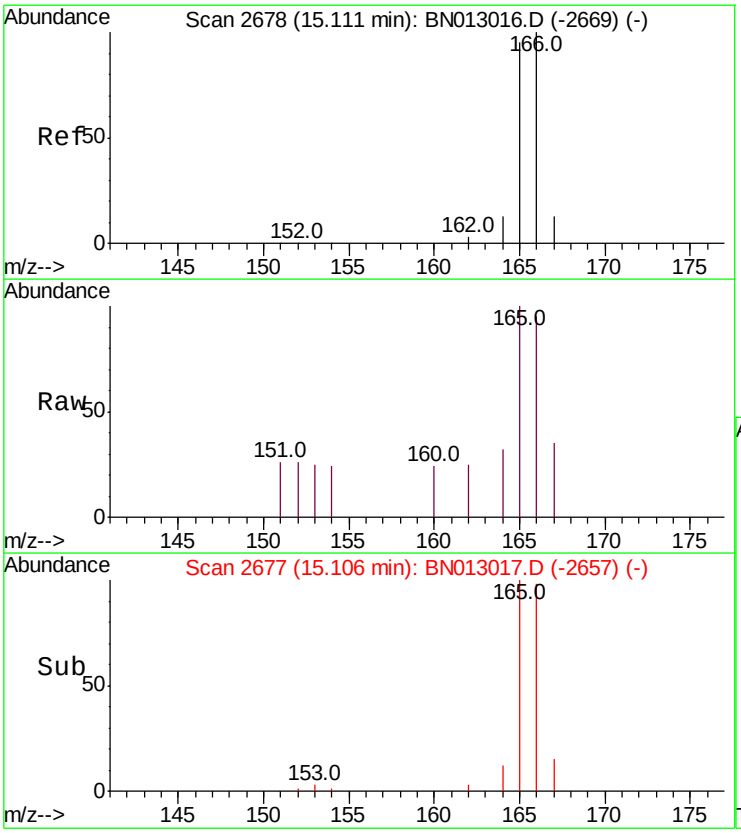
#7
Acenaphthylene
Concen: 0.037 ng/ul
RT: 13.76 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Instrument :
BNA_N
ClientSampleId :
C0AX8

Tgt Ion:152 Resp: 386

Ion	Ratio	Lower	Upper
152	100		
151	40.9	18.2	27.4#
153	32.7	13.1	19.7#

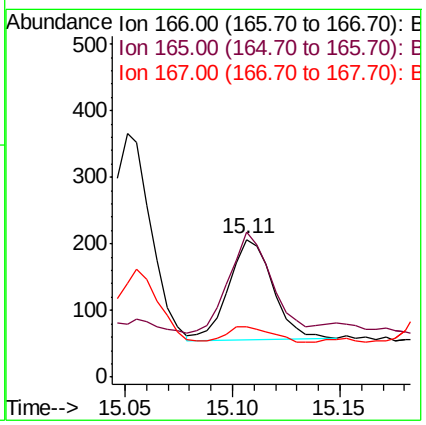


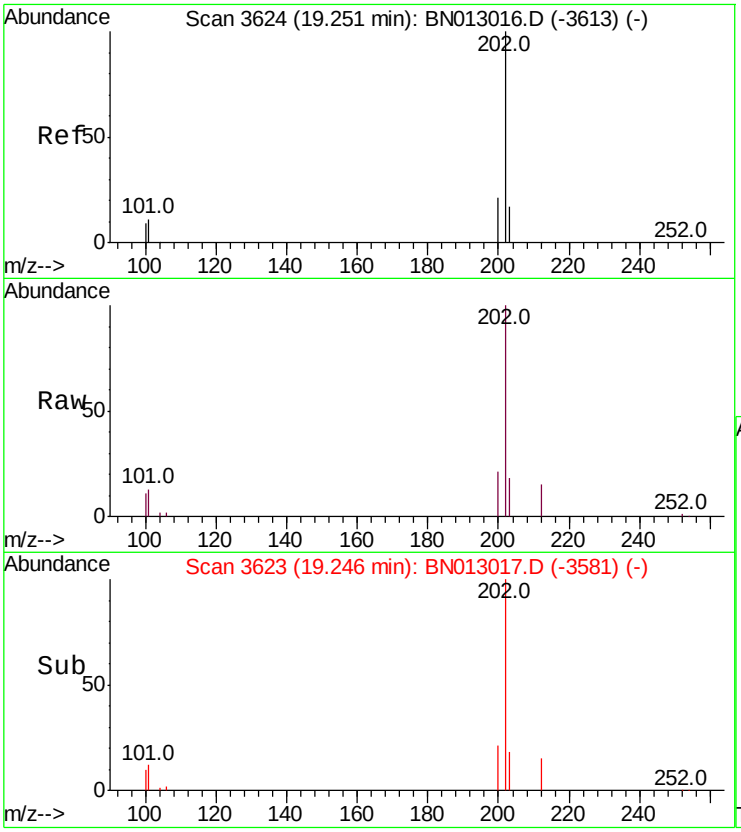


#9
Fluorene
Concen: 0.022 ng/ul
RT: 15.11 min Scan# 2677
Delta R.T. -0.01 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Tgt Ion:166 Resp: 218

Ion	Ratio	Lower	Upper
166	100		
165	104.8	79.8	119.8
167	36.2	13.8	20.8#



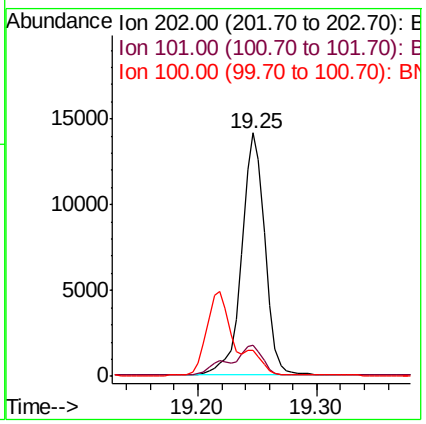


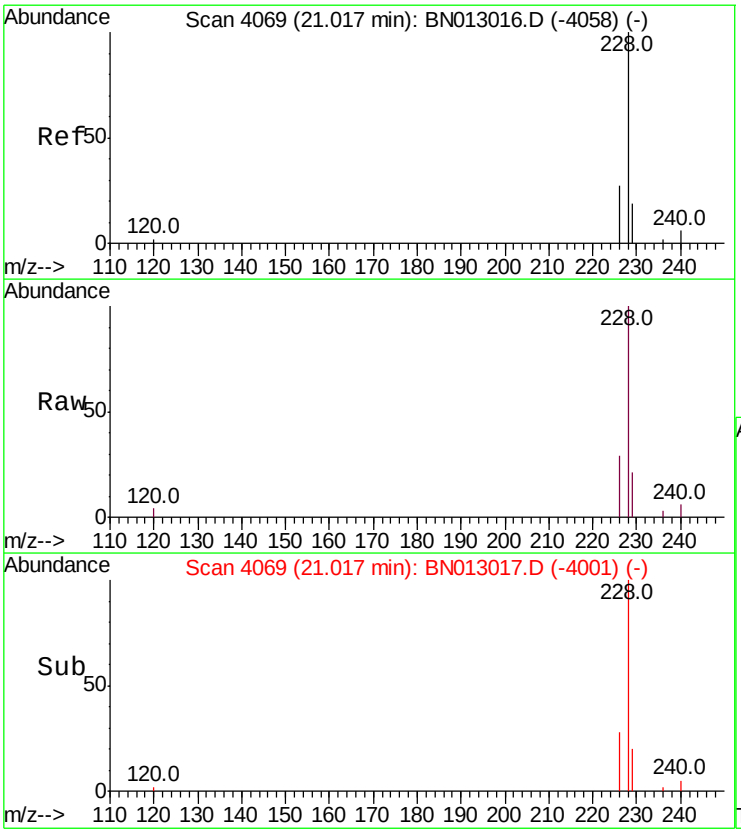
#17
Pyrene
Concen: 1.085 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Instrument :
BNA_N
ClientSampleId :
C0AX8

Tgt Ion:202 Resp: 18926

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.1	13.7
100	10.7	7.5	11.3

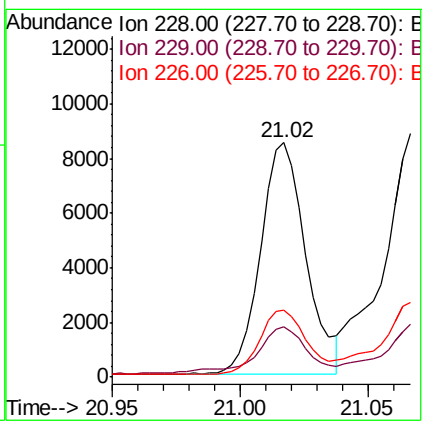


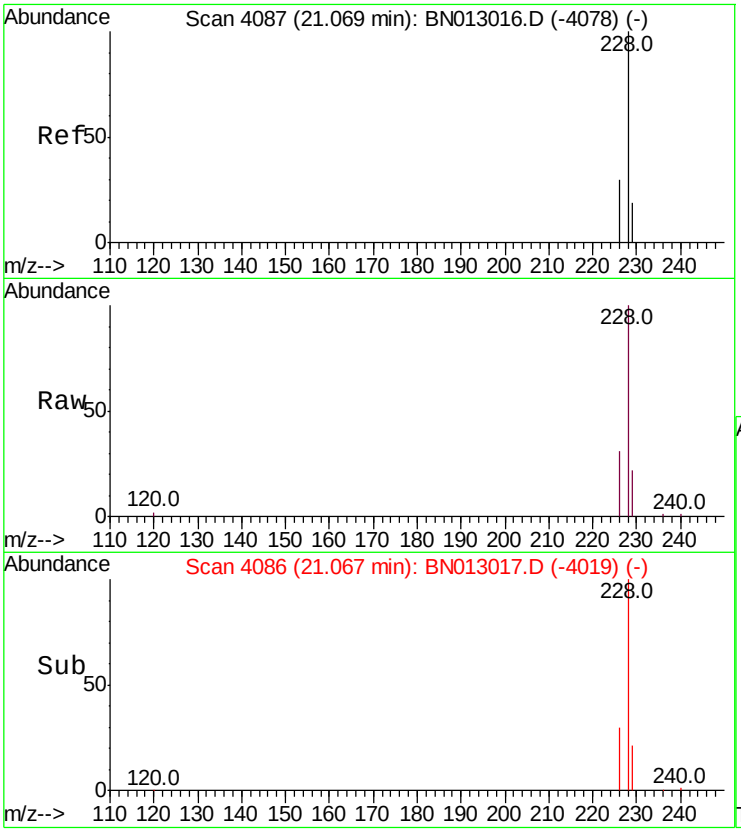


#18
Benzo(a)anthracene
Concen: 0.681 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.00 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Tgt Ion:228 Resp: 10410

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.3	24.5
226	28.7	23.4	35.2



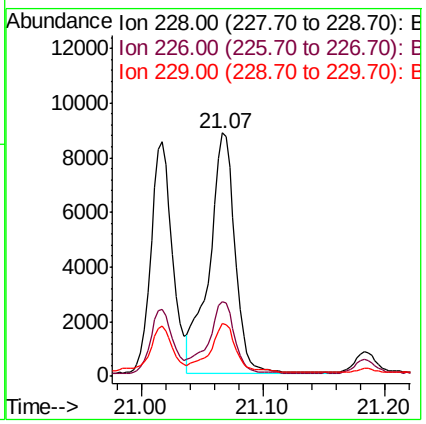


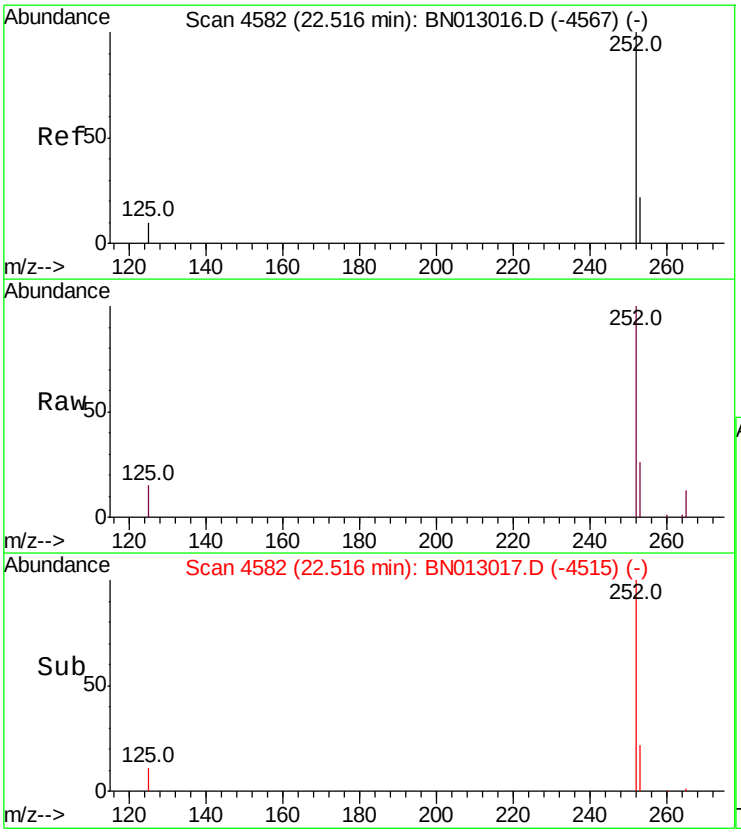
#19
Chrysene
Concen: 0.767 ng/ul
RT: 21.07 min Scan# 4086
Delta R.T. -0.01 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Instrument :
BNA_N
ClientSampleId :
C0AX8

Tgt Ion:228 Resp: 12944

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.6	16.4	24.6

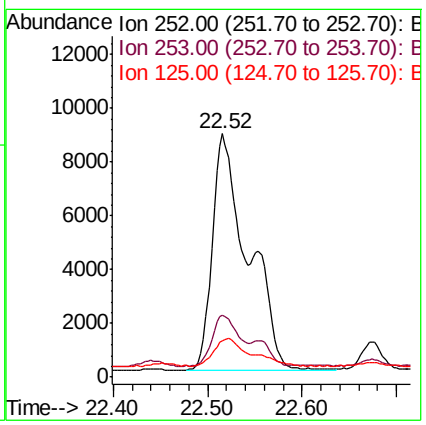


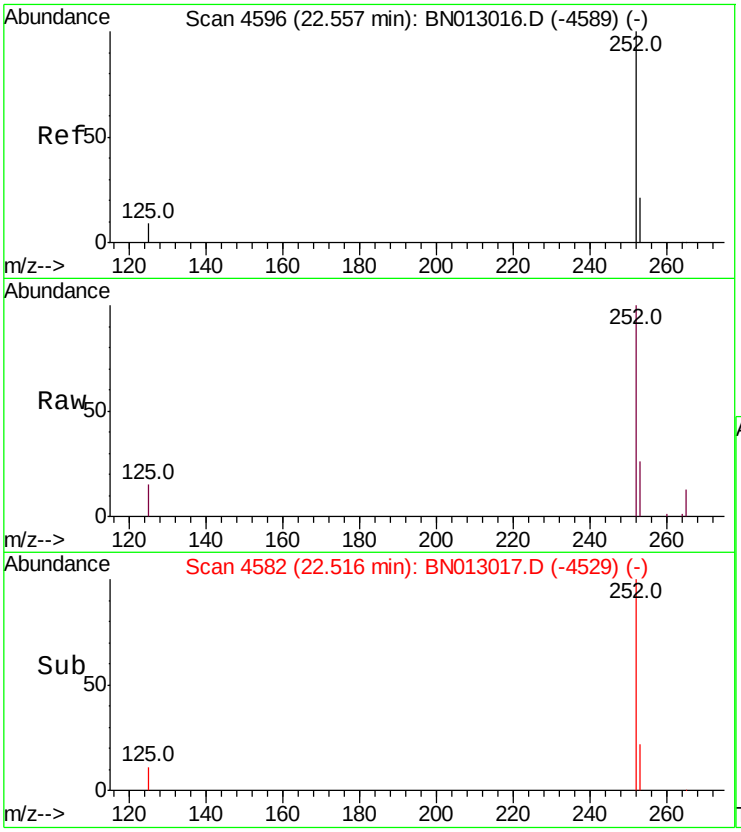


#21
Benzo(b)fluoranthene
Concen: 1.455 ng/ul
RT: 22.52 min Scan# 4582
Delta R.T. -0.00 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Tgt Ion:252 Resp: 23145

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	59.6
125	15.0	0.0	26.0



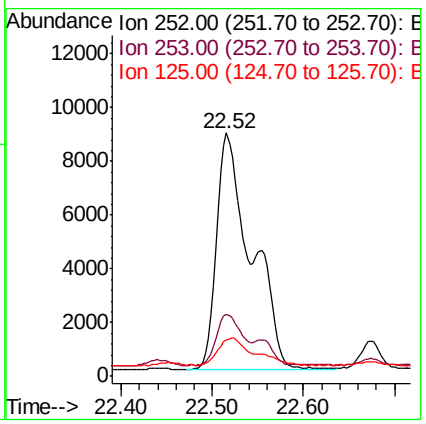


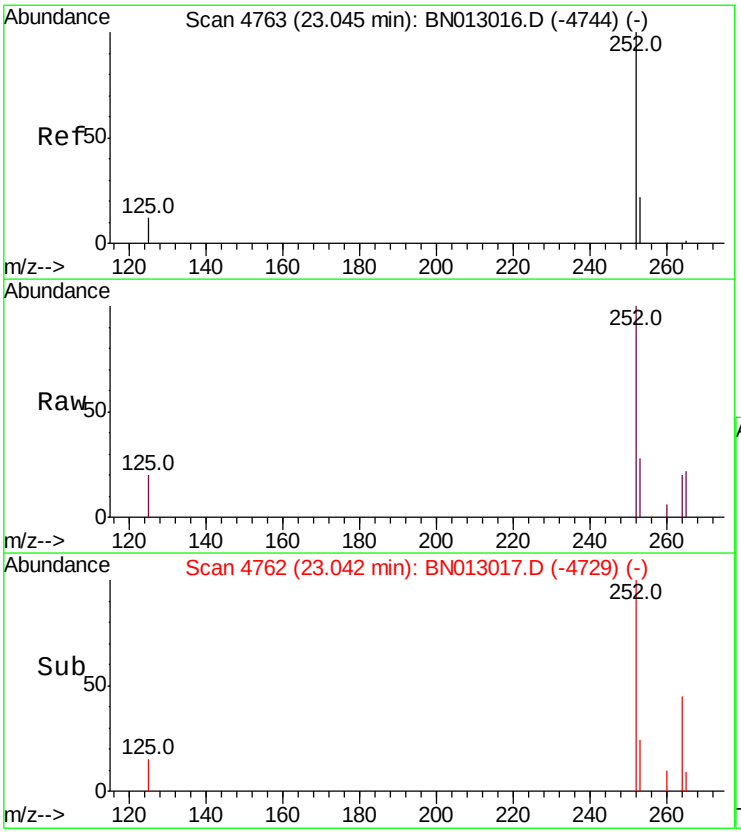
#22
Benzo(k)fluoranthene
Concen: 1.312 ng/ul
RT: 22.52 min Scan# 4582
Delta R.T. -0.04 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Instrument :
BNA_N
ClientSampleId :
C0AX8

Tgt Ion:252 Resp: 23068

Ion	Ratio	Lower	Upper
252	100		
253	25.6	23.4	35.2
125	15.0	11.1	16.7

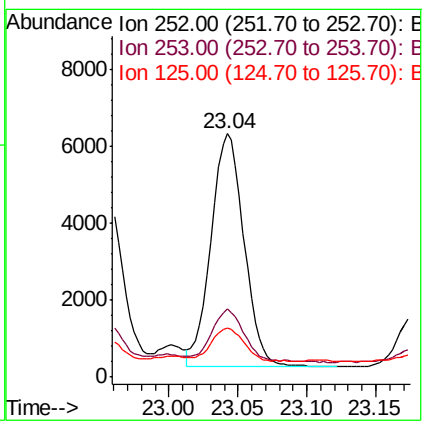


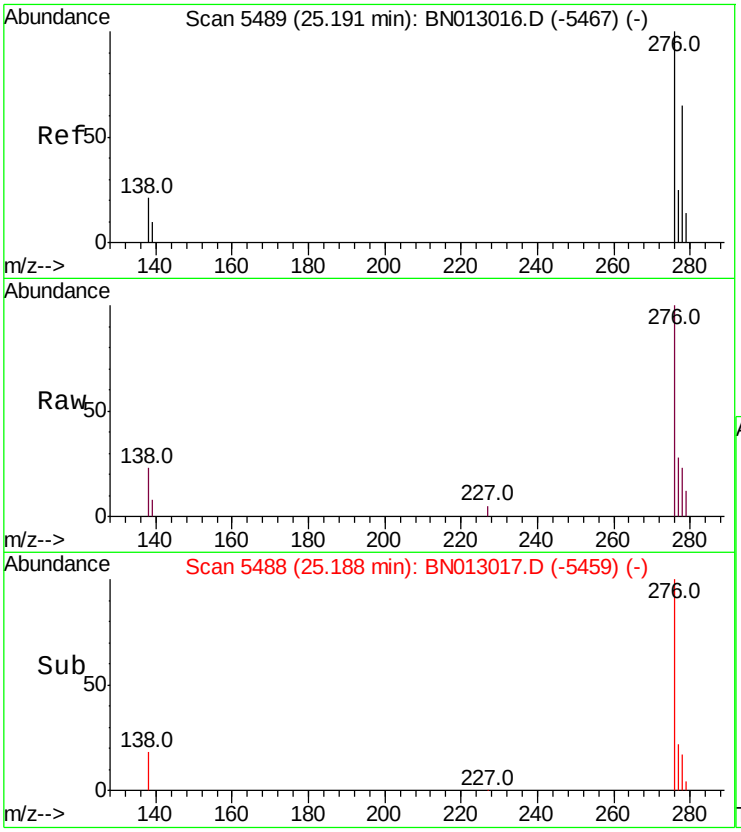


#23
Benzo(a)pyrene
Concen: 0.684 ng/ul
RT: 23.04 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Tgt Ion:252 Resp: 10101

Ion	Ratio	Lower	Upper
252	100		
253	27.8	26.5	39.7
125	20.0	14.2	21.2



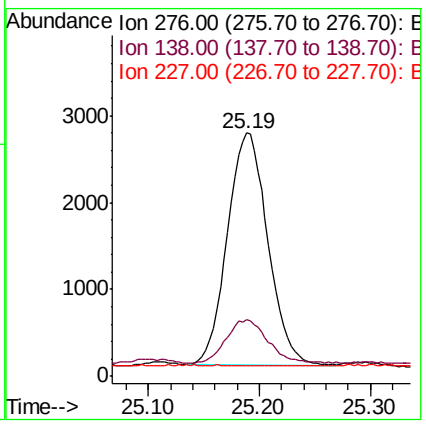


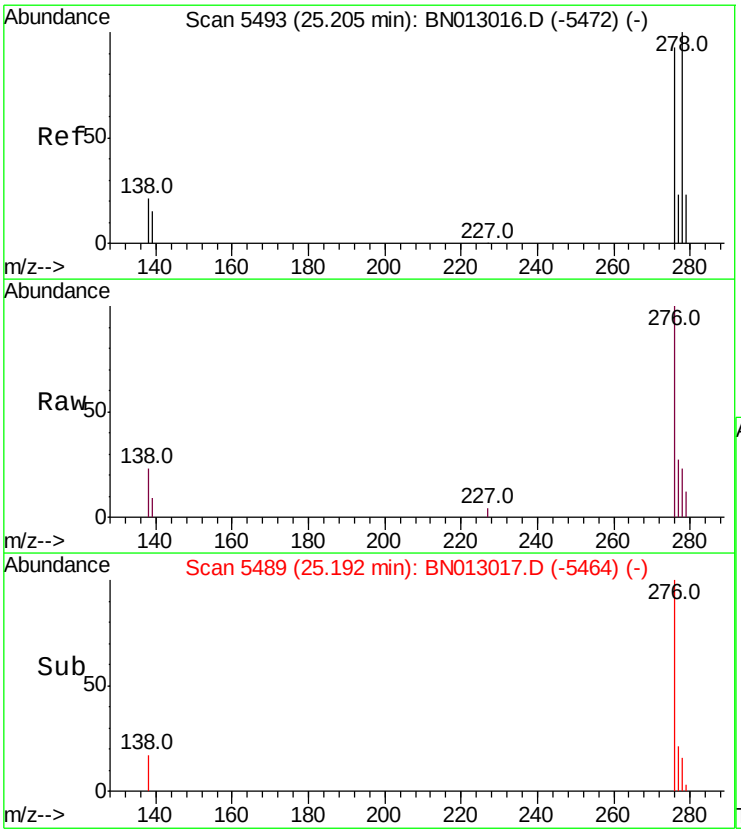
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Instrument :
BNA_N
ClientSampleId :
C0AX8

Tgt Ion:276 Resp: 6763

Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.2	24.2
227	0.0	0.0	0.0#

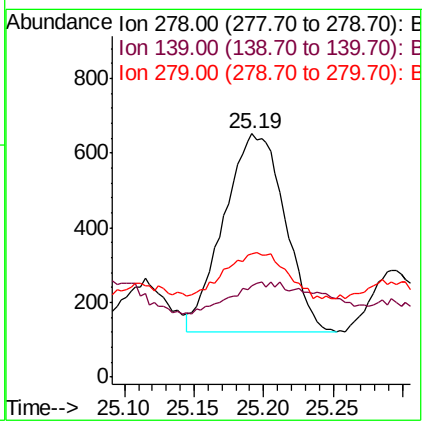


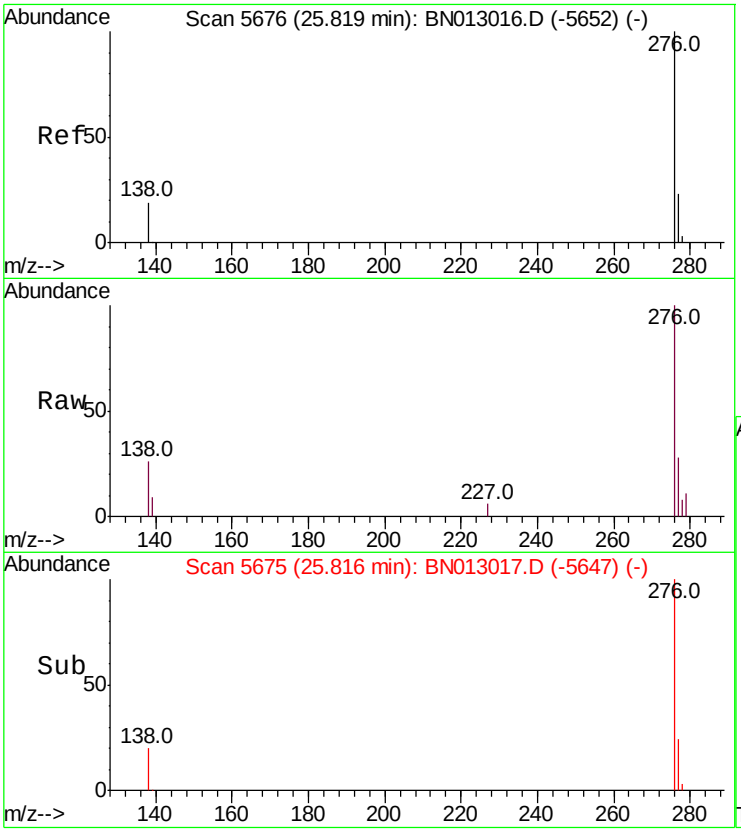


#25
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. -0.02 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Tgt Ion:278 Resp: 1627

Ion	Ratio	Lower	Upper
278	100		
139	37.4	14.5	21.7#
279	50.5	26.3	39.5#





#26
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul
RT: 25.82 min Scan# 5675
Delta R.T. -0.01 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Instrument :
BNA_N
ClientSampleId :
C0AX8

Tgt Ion:276 Resp: 5627

Ion	Ratio	Lower	Upper
276	100		
138	25.6	16.3	24.5#
277	28.5	21.8	32.6