Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
Data File : BN011317.D
Acq On : 31 Jul 2020 02:28
Operator : CG/JU
Sample : L3388-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AE7

Quant Time: Jul 31 03:54:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 02:58:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	700	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	3343	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2298	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.86
16) Chrysene-d12	21.07	240	5773	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	7391	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	2817	0.33	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	8296	0.00	ng/ul	0.00
Target Compounds						Qvalue
17) Pyrene	19.29	202	768	0.029	ng/ul#	72
18) Benzo(a)anthracene	21.05	228	572	0.026	ng/ul#	65
19) Chrysene	21.11	228	1036	0.041	ng/ul#	79
21) Benzo(b)fluoranthene	22.56	252	2174	0.070	ng/ul#	32
22) Benzo(k)fluoranthene	22.56	252	2159	0.062	ng/ul#	38
23) Benzo(a)pyrene	23.09	252	625	0.023	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.26	276	684	0.024	ng/ul#	85
26) Benzo(g,h,i)perylene	25.88	276	820	0.032	ng/ul#	55

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

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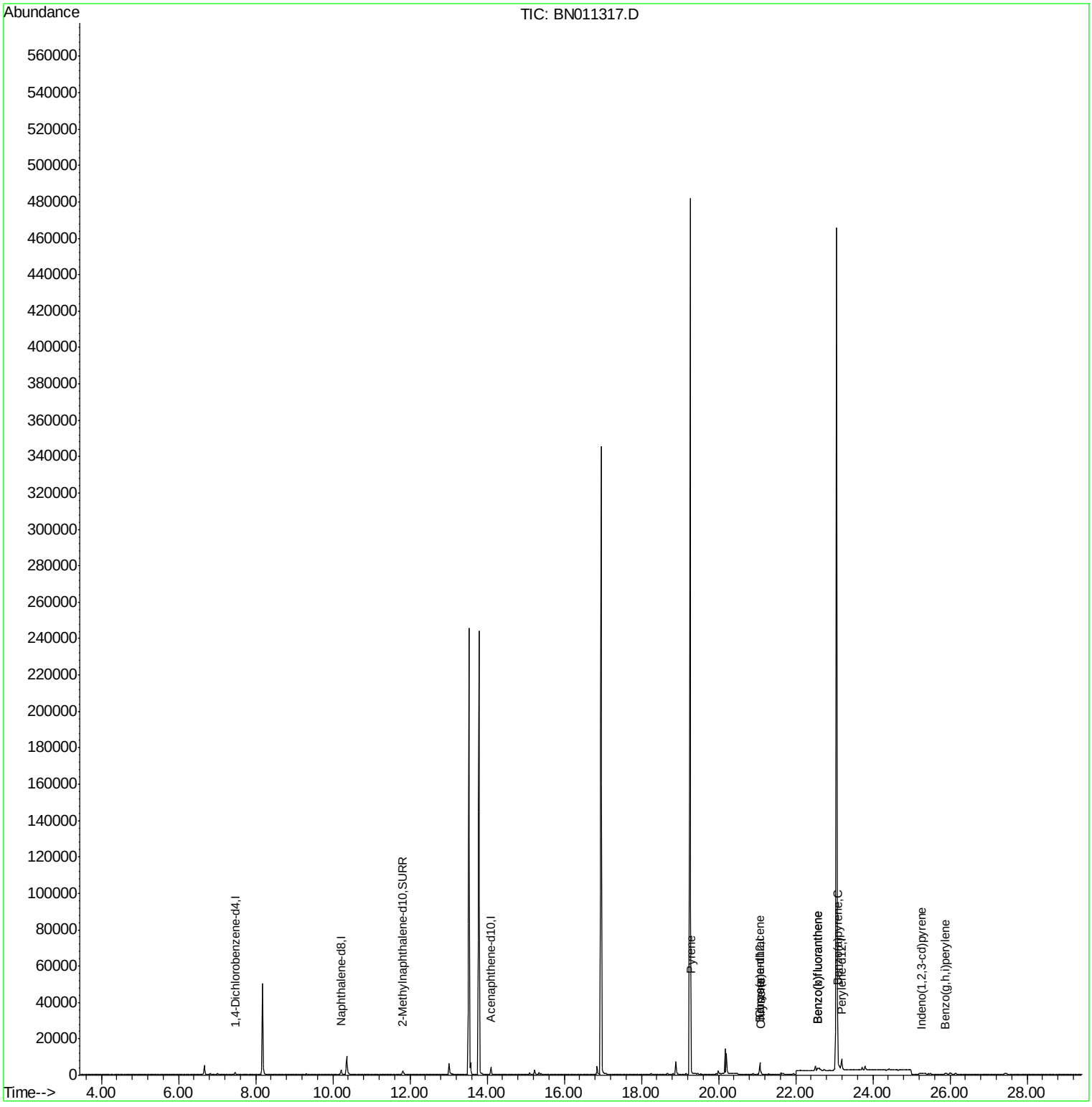
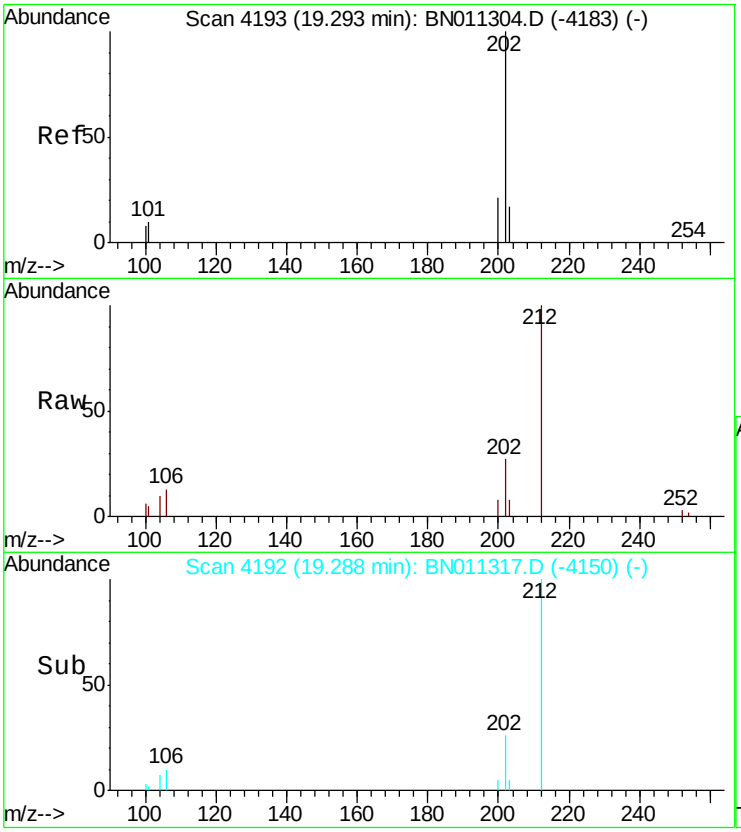


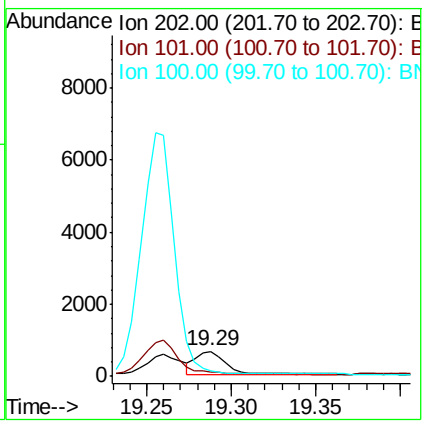


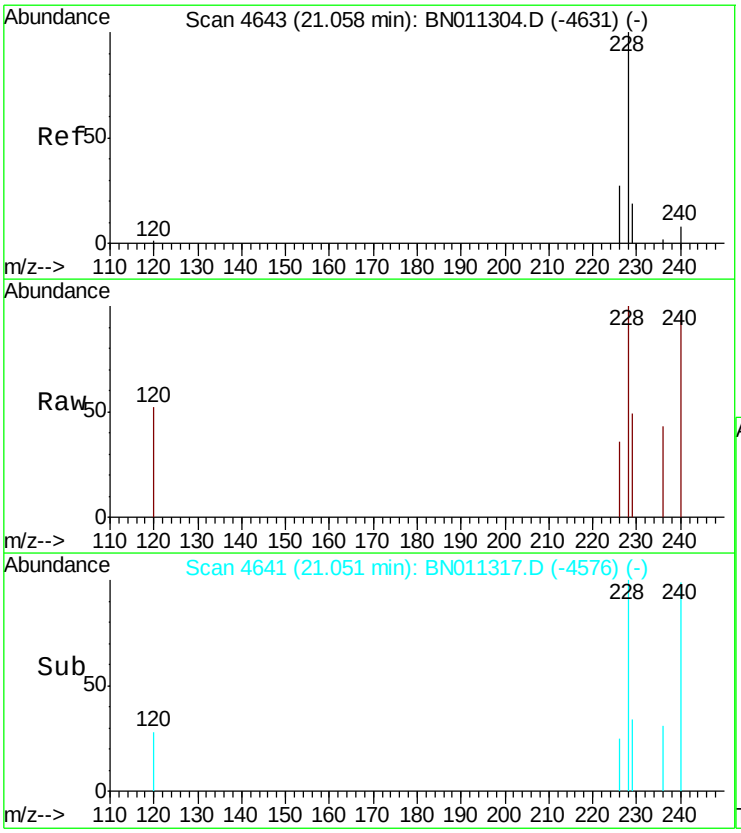
#17
Pyrene
Concen: 0.029 ng/ul
RT: 19.29 min Scan# 4192
Delta R.T. -0.01 min
Lab File: BN011317.D
Acq: 31 Jul 2020 02:28

Instrument :
BNA_N
ClientSampleId :
C0AE7

Tgt Ion:202 Resp: 768

Ion	Ratio	Lower	Upper
202	100		
101	19.3	8.5	12.7#
100	21.1	7.1	10.7#

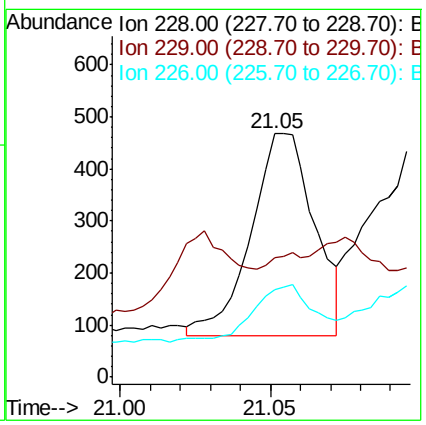


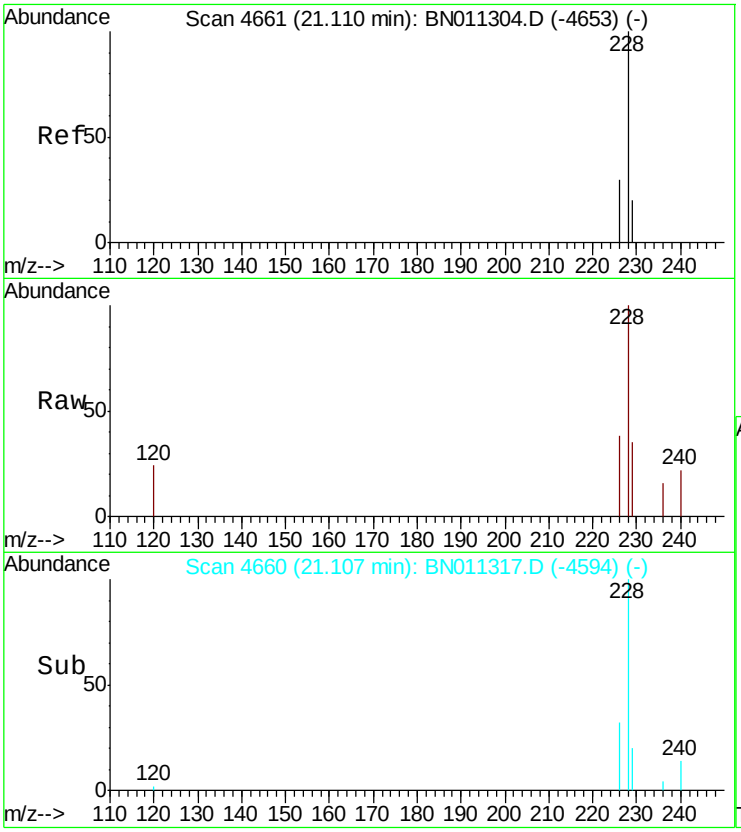


#18
Benzo(a)anthracene
Concen: 0.026 ng/ul
RT: 21.05 min Scan# 4641
Delta R.T. -0.01 min
Lab File: BN011317.D
Acq: 31 Jul 2020 02:28

Tgt Ion:228 Resp: 572

Ion	Ratio	Lower	Upper
228	100		
229	49.1	16.1	24.1#
226	35.7	22.2	33.2#



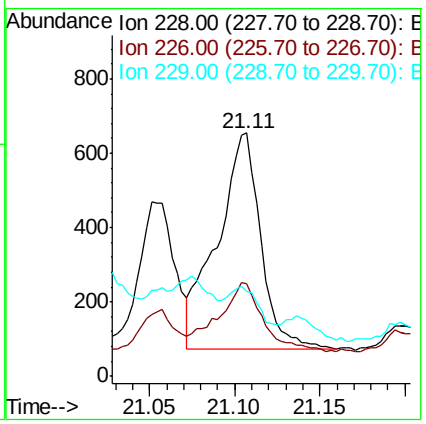


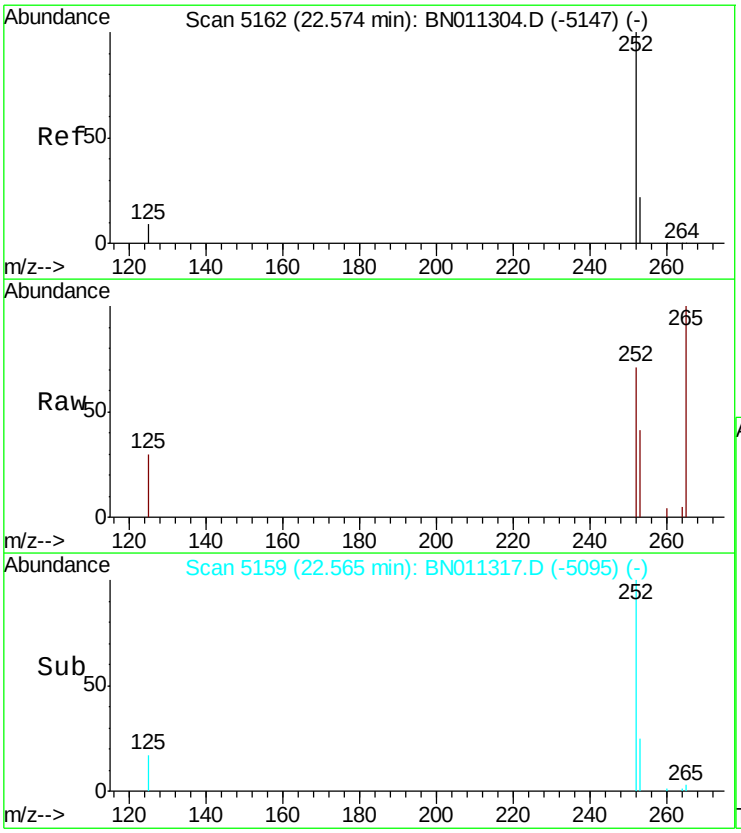
#19
Chrysene
Concen: 0.041 ng/ul
RT: 21.11 min Scan# 4660
Delta R.T. -0.01 min
Lab File: BN011317.D
Acq: 31 Jul 2020 02:28

Instrument :
BNA_N
ClientSampleId :
C0AE7

Tgt Ion:228 Resp: 1036

Ion	Ratio	Lower	Upper
228	100		
226	37.9	24.5	36.7#
229	35.0	15.8	23.6#

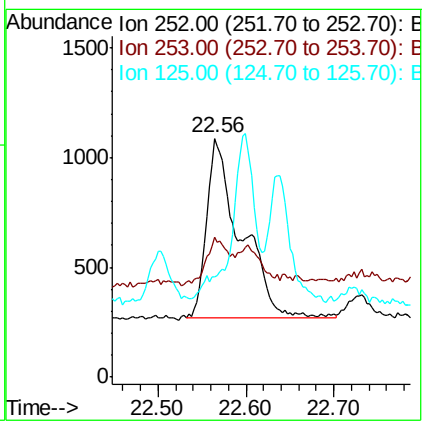


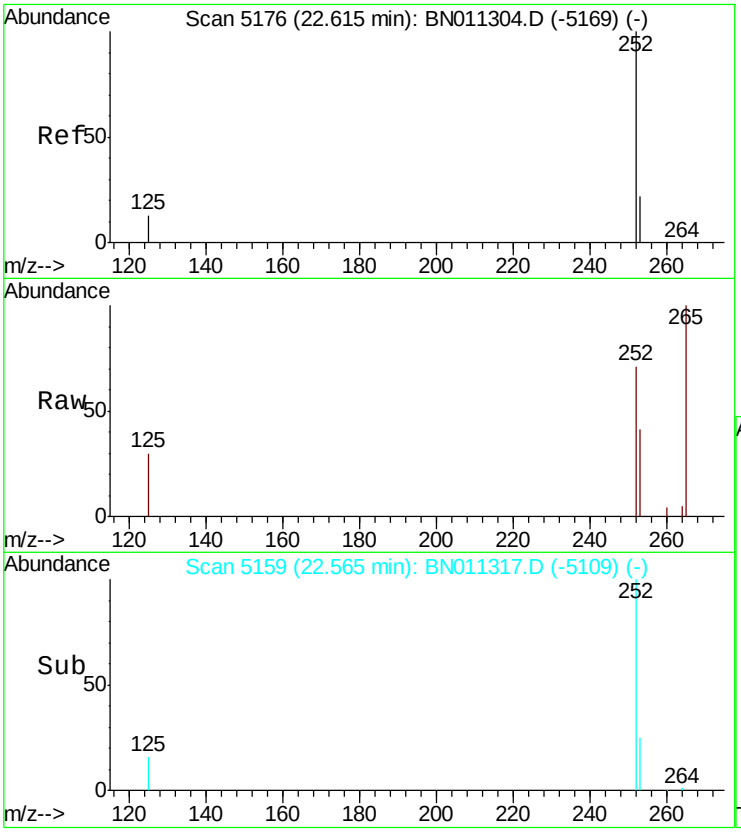


#21
Benzo(b)fluoranthene
Concen: 0.070 ng/ul
RT: 22.56 min Scan# 5159
Delta R.T. -0.01 min
Lab File: BN011317.D
Acq: 31 Jul 2020 02:28

Tgt Ion:252 Resp: 2174

Ion	Ratio	Lower	Upper
252	100		
253	58.3	0.0	51.8#
125	42.1	0.0	24.2#



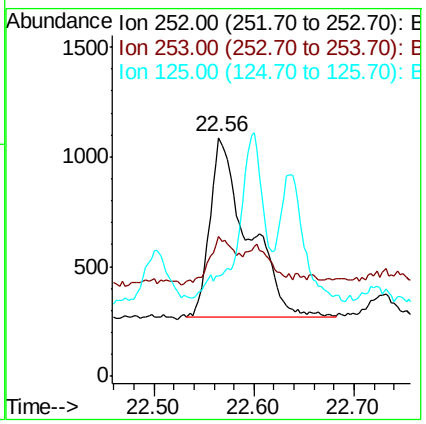


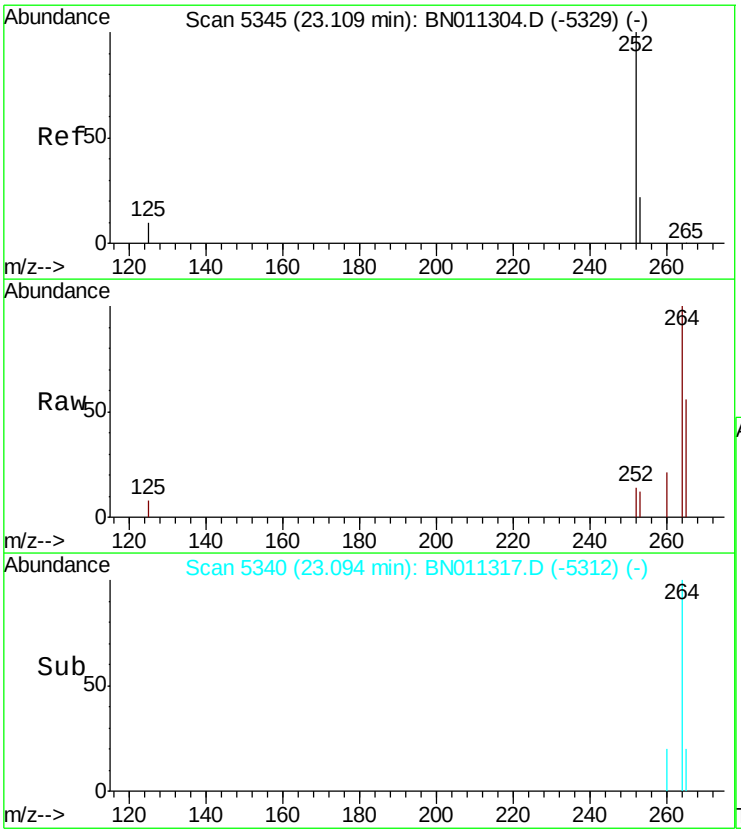
#22
Benzo(k)fluoranthene
Concen: 0.062 ng/ul
RT: 22.56 min Scan# 5159
Delta R.T. -0.05 min
Lab File: BN011317.D
Acq: 31 Jul 2020 02:28

Instrument :
BNA_N
ClientSampleId :
C0AE7

Tgt Ion:252 Resp: 2159

Ion	Ratio	Lower	Upper
252	100		
253	58.3	21.4	32.0#
125	42.1	12.6	18.8#

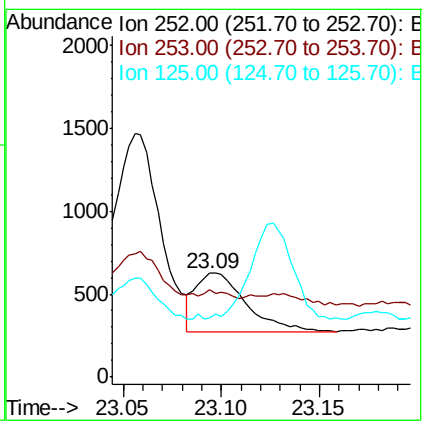


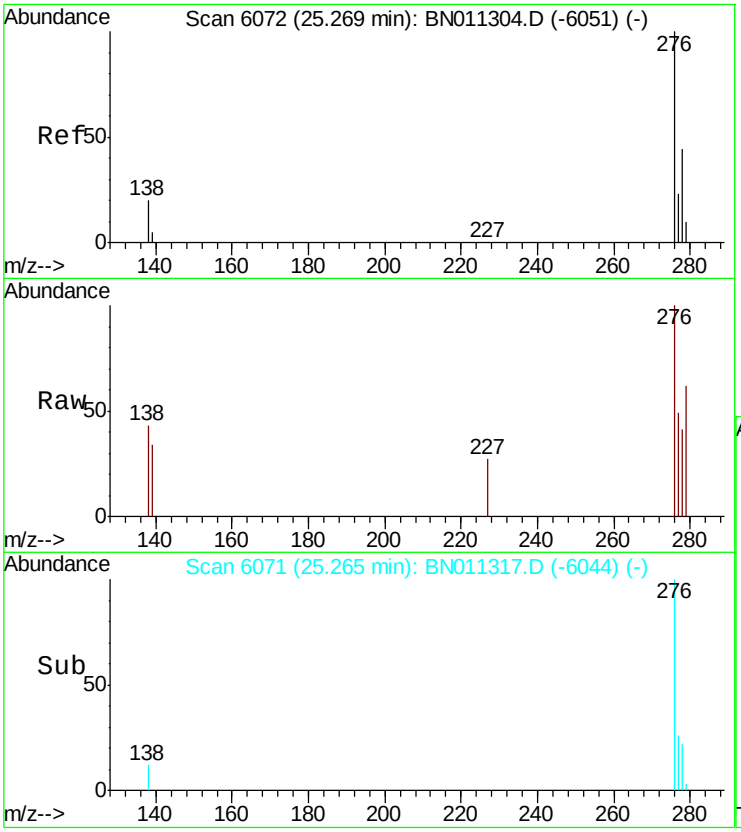


#23
Benzo(a)pyrene
Concen: 0.023 ng/ul
RT: 23.09 min Scan# 5340
Delta R.T. -0.02 min
Lab File: BN011317.D
Acq: 31 Jul 2020 02:28

Tgt Ion:252 Resp: 625

Ion	Ratio	Lower	Upper
252	100		
253	84.0	22.6	34.0#
125	56.7	12.6	18.8#



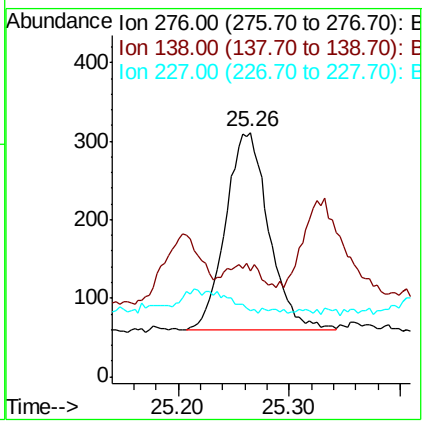


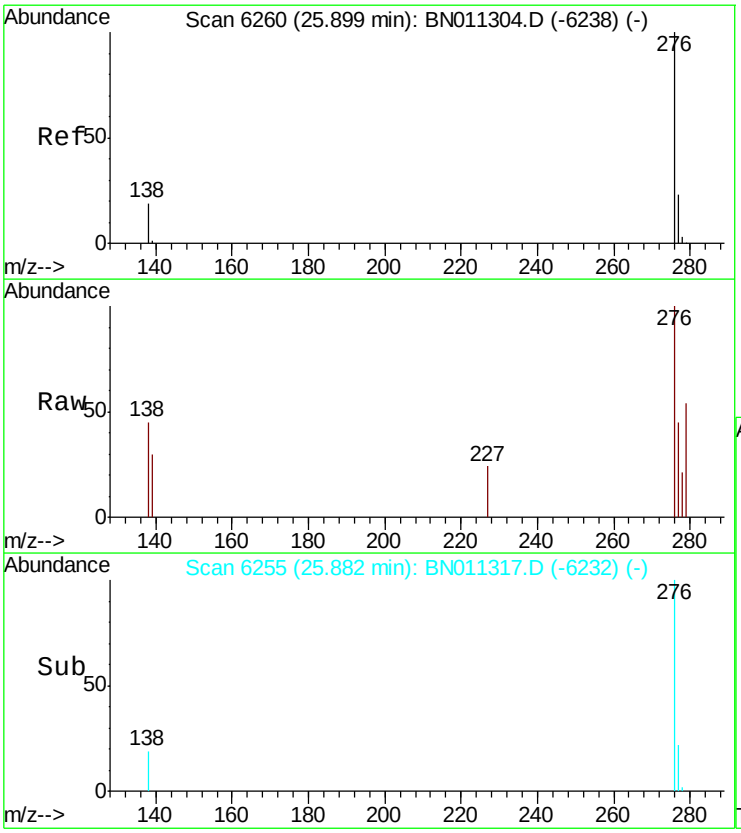
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/ul
RT: 25.26 min Scan# 6071
Delta R.T. -0.01 min
Lab File: BN011317.D
Acq: 31 Jul 2020 02:28

Instrument :
BNA_N
ClientSampleId :
C0AE7

Tgt Ion:276 Resp: 684

Ion	Ratio	Lower	Upper
276	100		
138	15.2	18.1	27.1#
227	1.0	0.2	0.4#





#26
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 25.88 min Scan# 6255
Delta R.T. -0.02 min
Lab File: BN011317.D
Acq: 31 Jul 2020 02:28

Tgt Ion:276 Resp: 820

Ion	Ratio	Lower	Upper
276	100		
138	45.1	16.4	24.6#
277	44.8	20.2	30.4#