Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
Data File : BN011316.D
Acq On : 31 Jul 2020 01:52
Operator : CG/JU
Sample : L3388-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AE6

Quant Time: Jul 31 03:01:58 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	890	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	3649	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2655	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	6479	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	7573	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	2940	0.32	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	7833	0.00	ng/ul	0.00
Target Compounds						Qvalue
17) Pyrene	19.29	202	2755	0.094	ng/ul#	86
18) Benzo(a)anthracene	21.05	228	1321	0.053	ng/ul#	89
19) Chrysene	21.10	228	1564	0.055	ng/ul#	89
21) Benzo(b)fluoranthene	22.57	252	2713	0.086	ng/ul#	42
22) Benzo(k)fluoranthene	22.57	252	2713	0.077	ng/ul#	48
23) Benzo(a)pyrene	23.09	252	1290	0.047	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	25.26	276	850	0.029	ng/ul#	54
26) Benzo(g,h,i)perylene	25.89	276	840	0.032	ng/ul#	60

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

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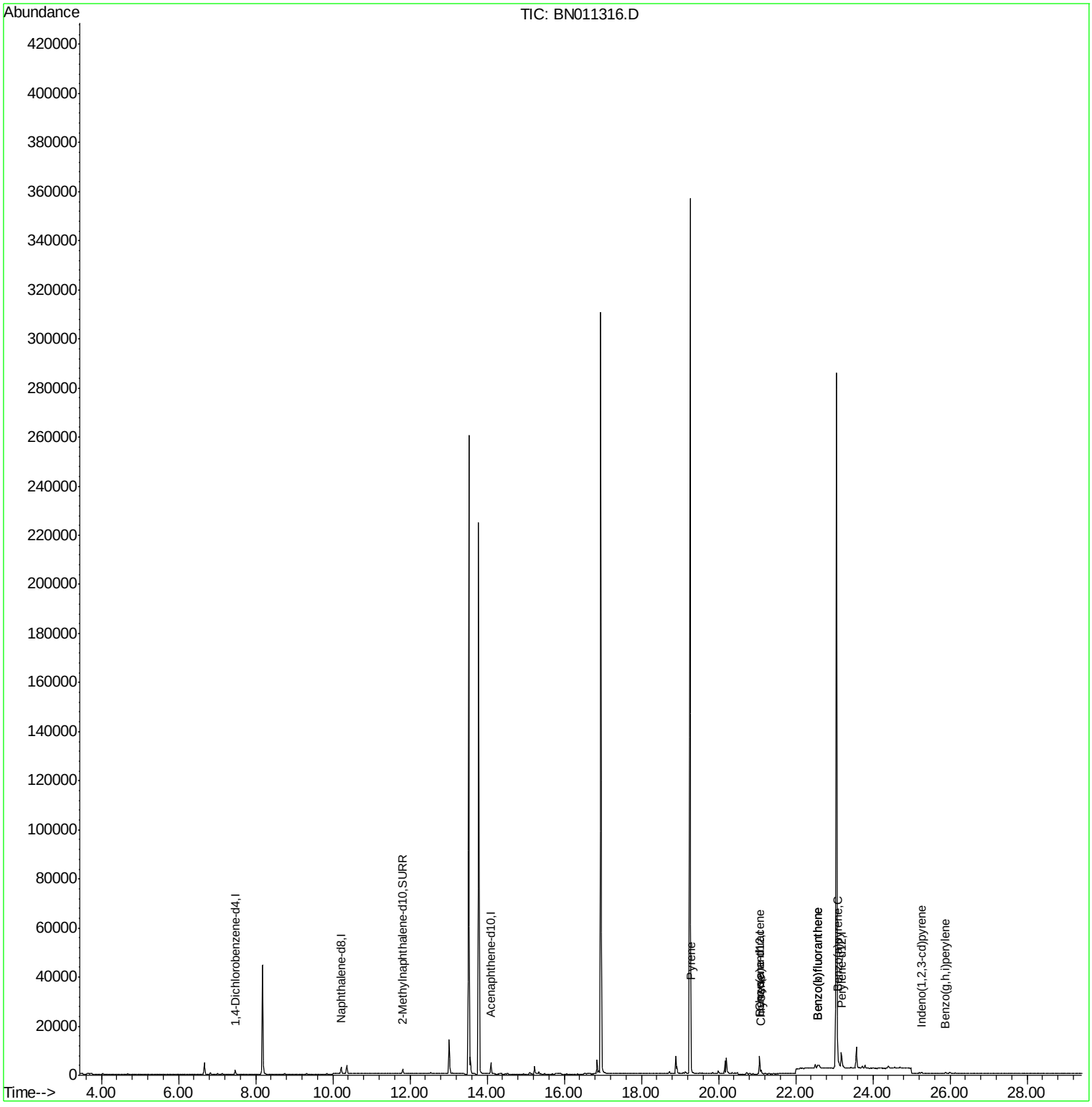
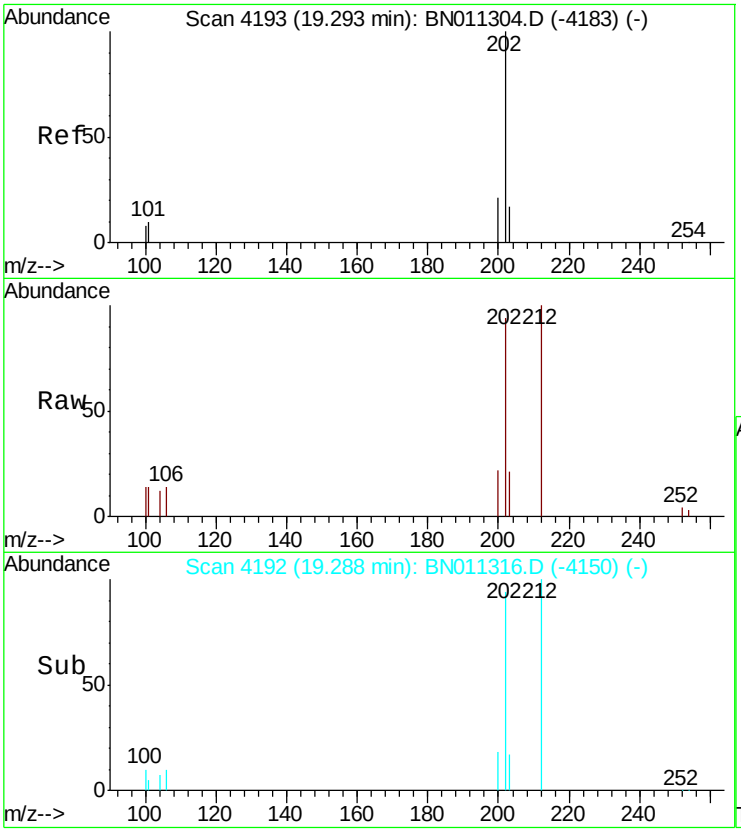


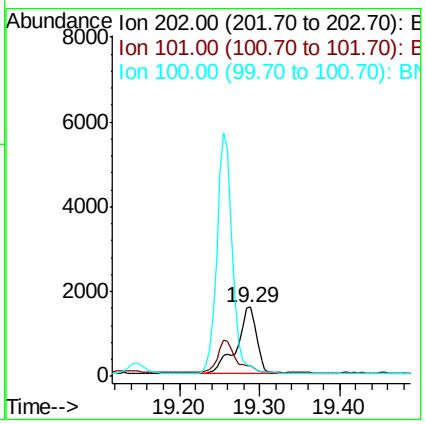


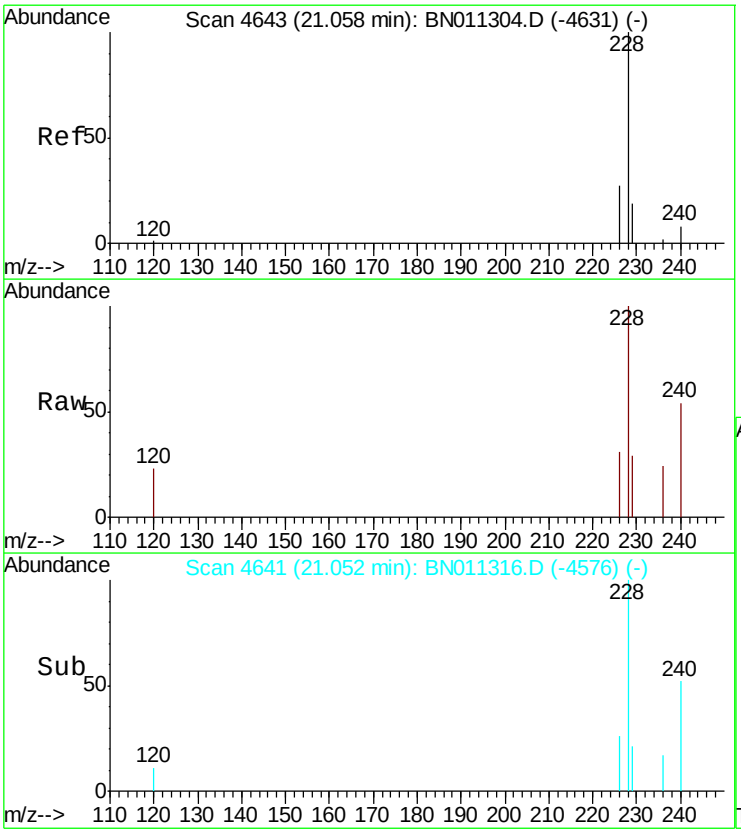
#17
Pyrene
Concen: 0.094 ng/ul
RT: 19.29 min Scan# 4192
Delta R.T. -0.00 min
Lab File: BN011316.D
Acq: 31 Jul 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C0AE6

Tgt Ion:202 Resp: 2755

Ion	Ratio	Lower	Upper
202	100		
101	15.2	8.5	12.7#
100	14.6	7.1	10.7#

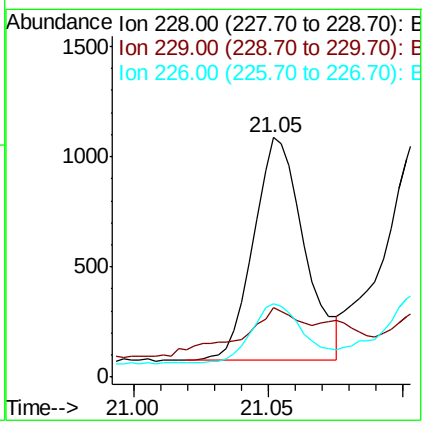


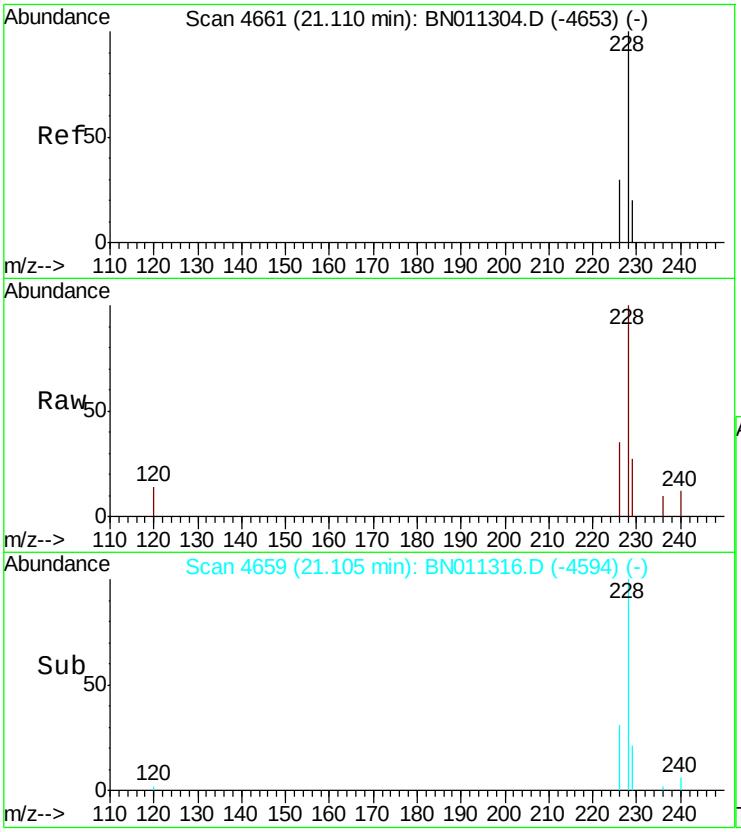


#18
Benzo(a)anthracene
Concen: 0.053 ng/ul
RT: 21.05 min Scan# 4641
Delta R.T. -0.01 min
Lab File: BN011316.D
Acq: 31 Jul 2020 01:52

Tgt Ion:228 Resp: 1321

Ion	Ratio	Lower	Upper
228	100		
229	28.8	16.1	24.1#
226	30.5	22.2	33.2



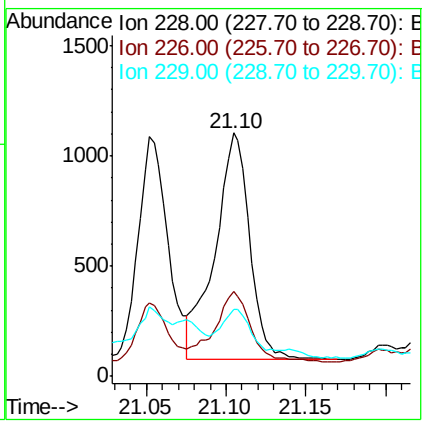


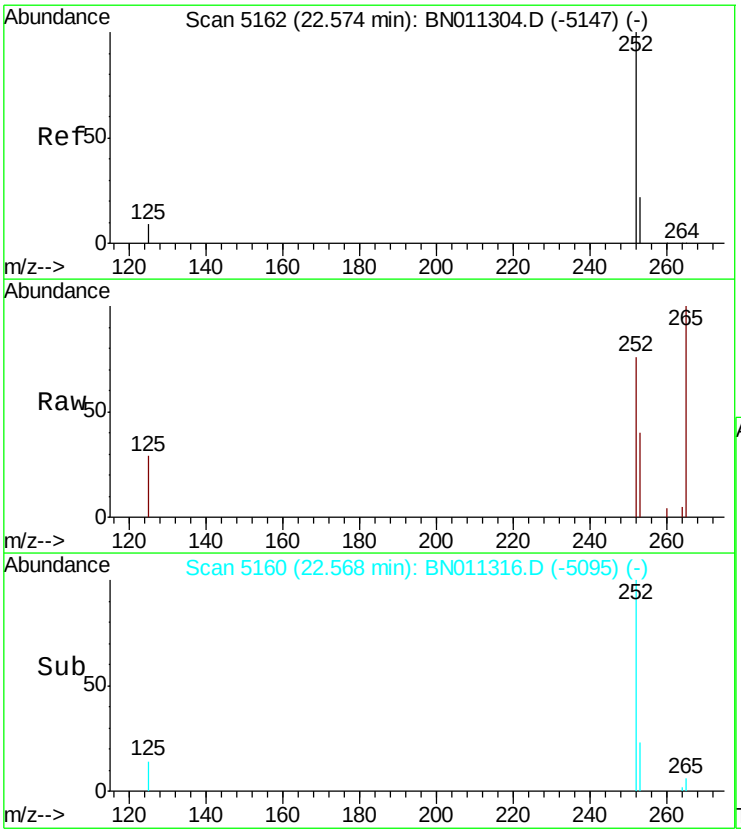
#19
Chrysene
Concen: 0.055 ng/ul
RT: 21.10 min Scan# 4659
Delta R.T. -0.01 min
Lab File: BN011316.D
Acq: 31 Jul 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C0AE6

Tgt Ion:228 Resp: 1564

Ion	Ratio	Lower	Upper
228	100		
226	35.0	24.5	36.7
229	27.4	15.8	23.6#

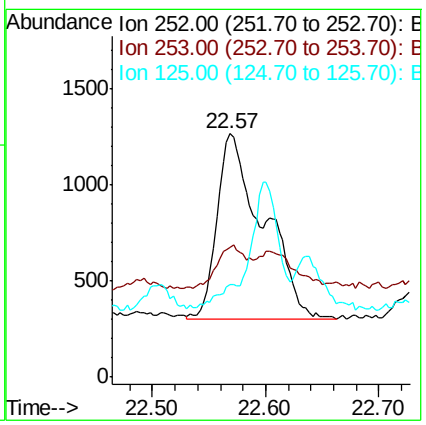


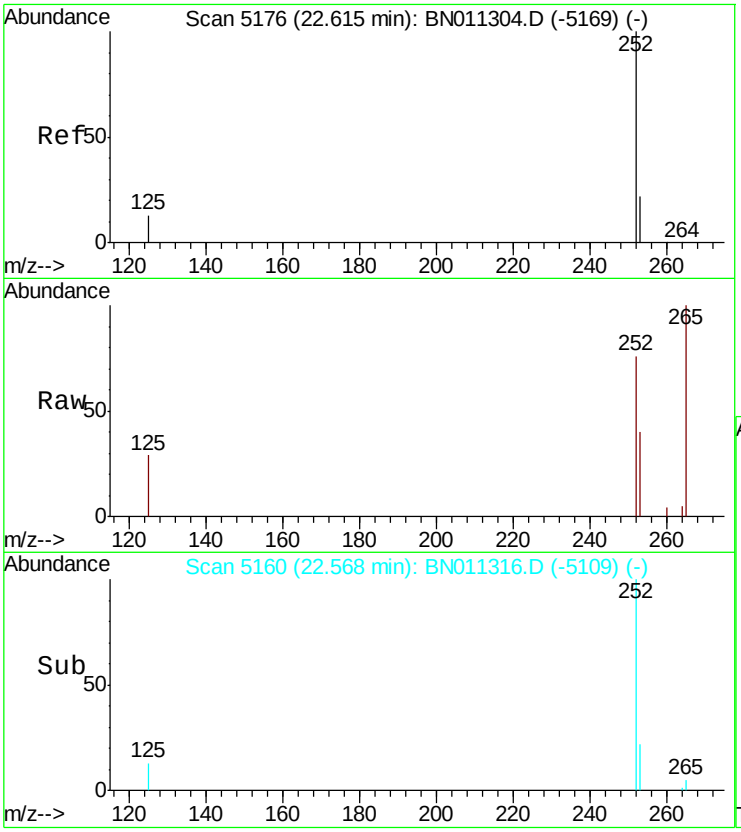


#21
Benzo(b)fluoranthene
Concen: 0.086 ng/ul
RT: 22.57 min Scan# 5160
Delta R.T. -0.01 min
Lab File: BN011316.D
Acq: 31 Jul 2020 01:52

Tgt Ion:252 Resp: 2713

Ion	Ratio	Lower	Upper
252	100		
253	53.0	0.0	51.8#
125	38.1	0.0	24.2#



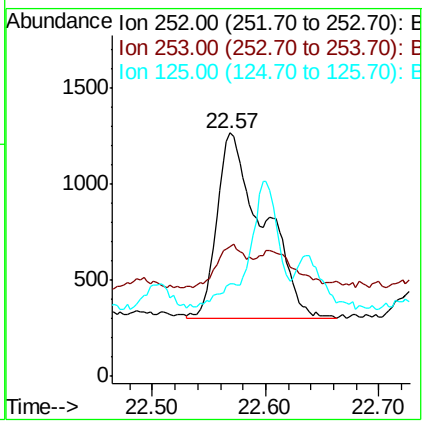


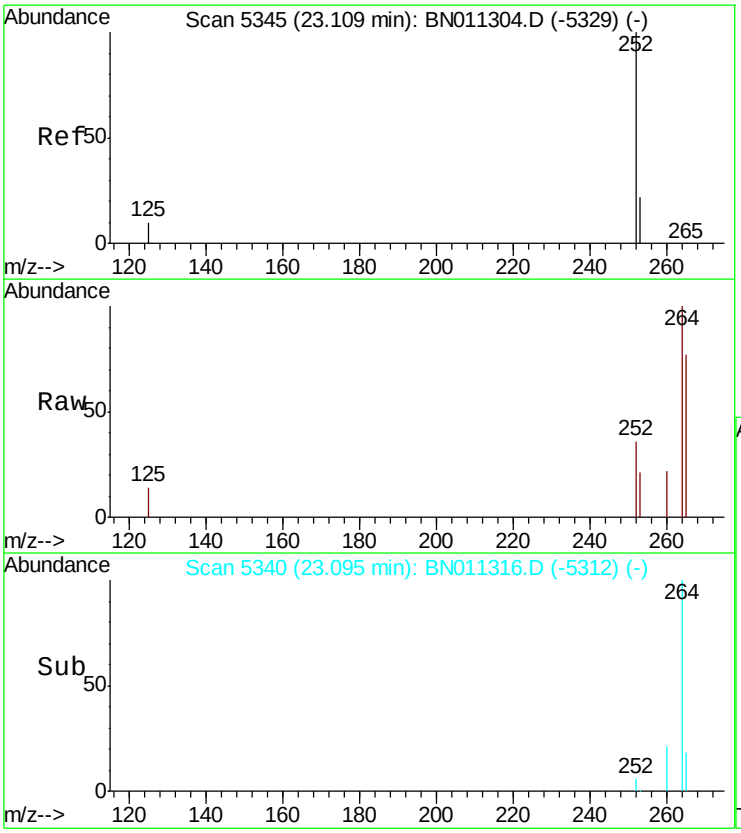
#22
Benzo(k)fluoranthene
Concen: 0.077 ng/ul
RT: 22.57 min Scan# 5160
Delta R.T. -0.05 min
Lab File: BN011316.D
Acq: 31 Jul 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C0AE6

Tgt Ion:252 Resp: 2713

Ion	Ratio	Lower	Upper
252	100		
253	53.0	21.4	32.0#
125	38.1	12.6	18.8#

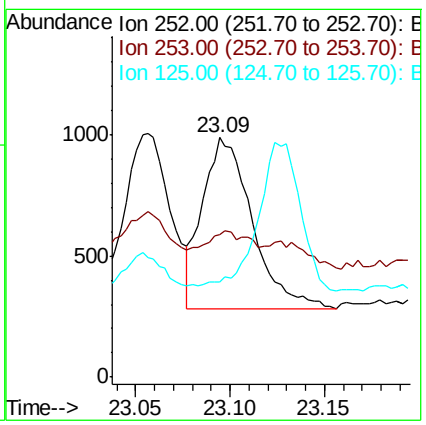


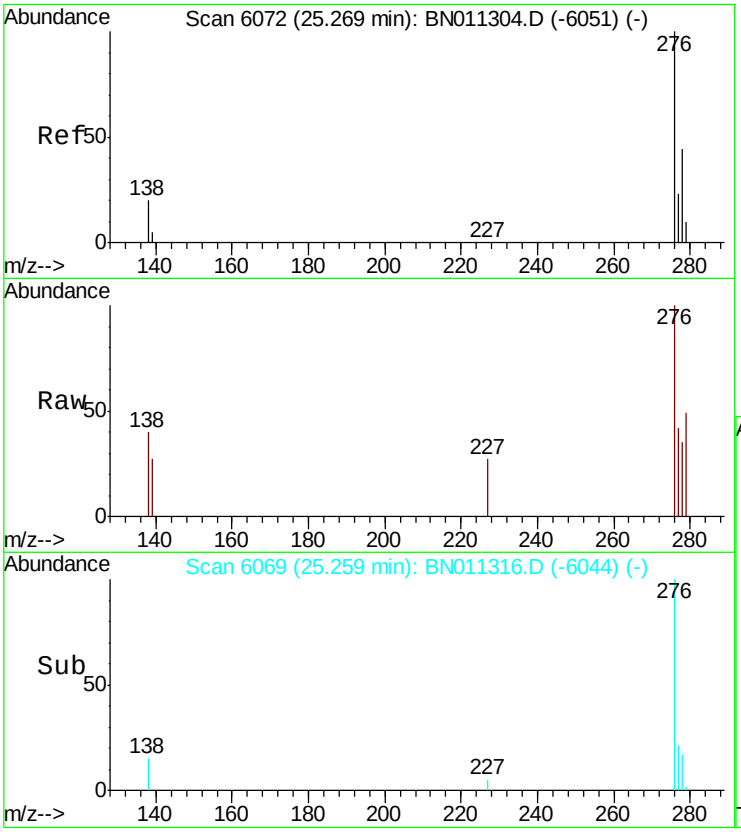


#23
Benzo(a)pyrene
Concen: 0.047 ng/ul
RT: 23.09 min Scan# 5340
Delta R.T. -0.02 min
Lab File: BN011316.D
Acq: 31 Jul 2020 01:52

Tgt Ion:252 Resp: 1290

Ion	Ratio	Lower	Upper
252	100		
253	59.7	22.6	34.0#
125	40.0	12.6	18.8#



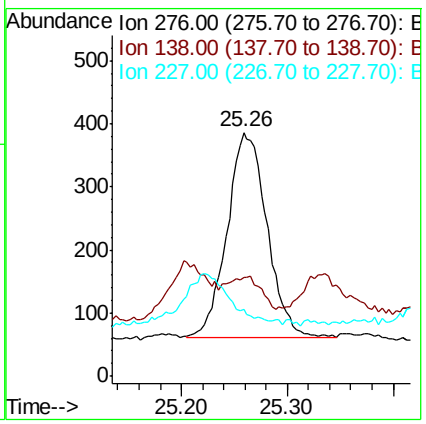


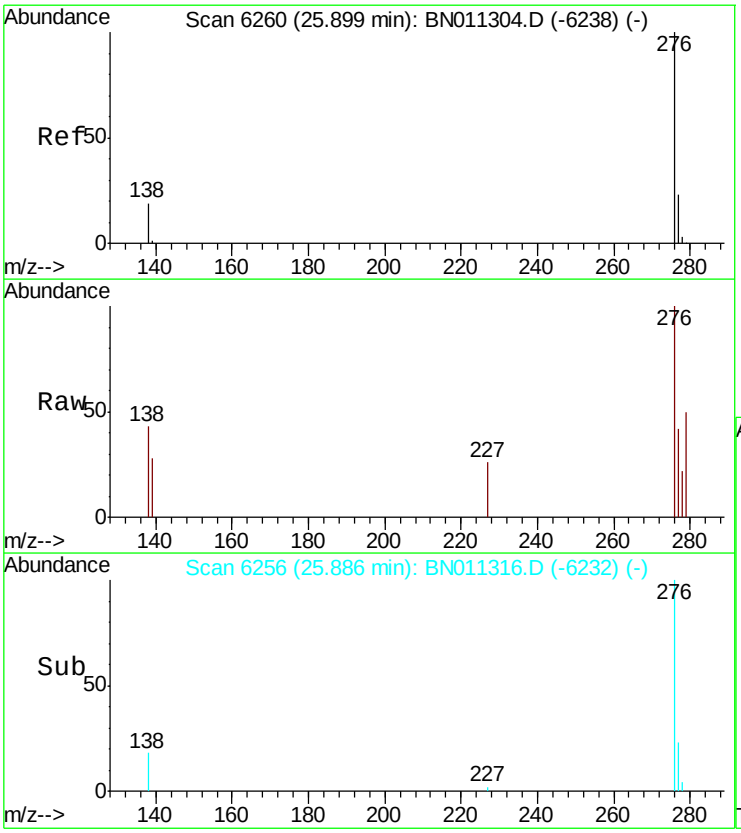
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng/ul
RT: 25.26 min Scan# 6069
Delta R.T. -0.02 min
Lab File: BN011316.D
Acq: 31 Jul 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C0AE6

Tgt Ion:276 Resp: 850

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.1	27.1#
227	0.0	0.2	0.4#





#26
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 25.89 min Scan# 6256
Delta R.T. -0.02 min
Lab File: BN011316.D
Acq: 31 Jul 2020 01:52

Tgt Ion:276 Resp: 840

Ion	Ratio	Lower	Upper
276	100		
138	42.8	16.4	24.6#
277	42.5	20.2	30.4#