Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080620\
Data File : BN011383.D
Acq On : 06 Aug 2020 17:26
Operator : CG/JU
Sample : L3487-03DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F4L02DL

Quant Time: Aug 06 17:55:32 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 : Thu Aug 06 12:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	995	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	2983	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	1766	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	4152	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3993	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4074	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	409	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.88	212	1269	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.25	128	49949	5.629	ng/ul	98
5) 2-Methylnaphthalene	11.87	142	4102	0.689	ng/ul	97
7) Acenaphthylene	13.80	152	482	0.057	ng/ul#	53
8) Acenaphthene	14.15	153	5985	0.893	ng/ul	99
9) Fluorene	15.15	166	2869	0.364	ng/ul#	99
11) Pentachlorophenol	16.50	266	41672	40.939	ng/ul	100
12) Phenanthrene	16.88	178	1456	0.106	ng/ul#	89
13) Anthracene	16.97	178	290	0.024	ng/ul#	43

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

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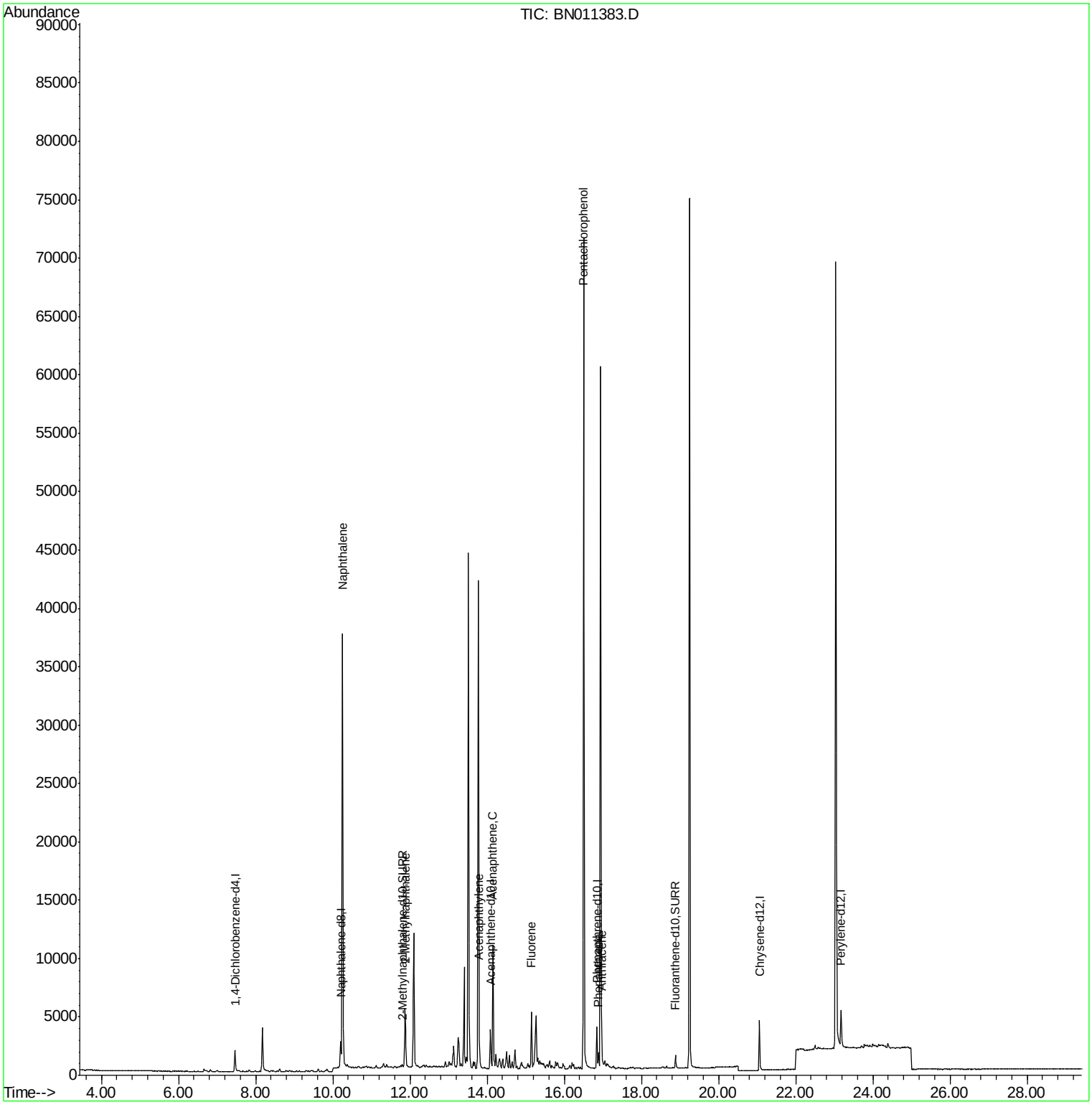
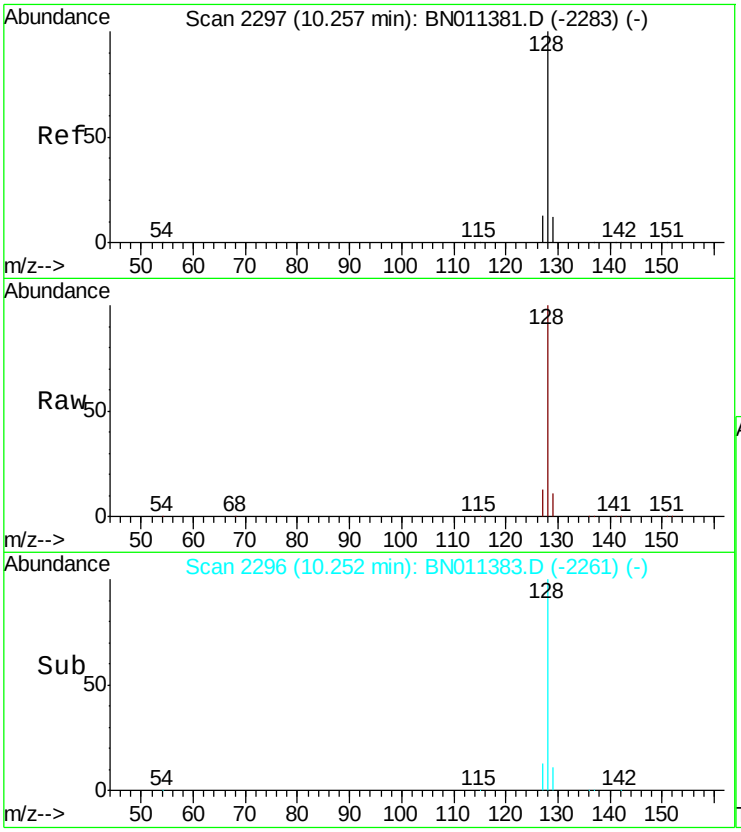
Quant Time: Aug 06 17:55:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:09:32 2020
Response via : Initial Calibration



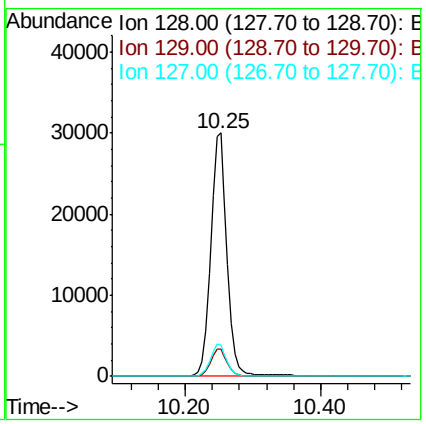


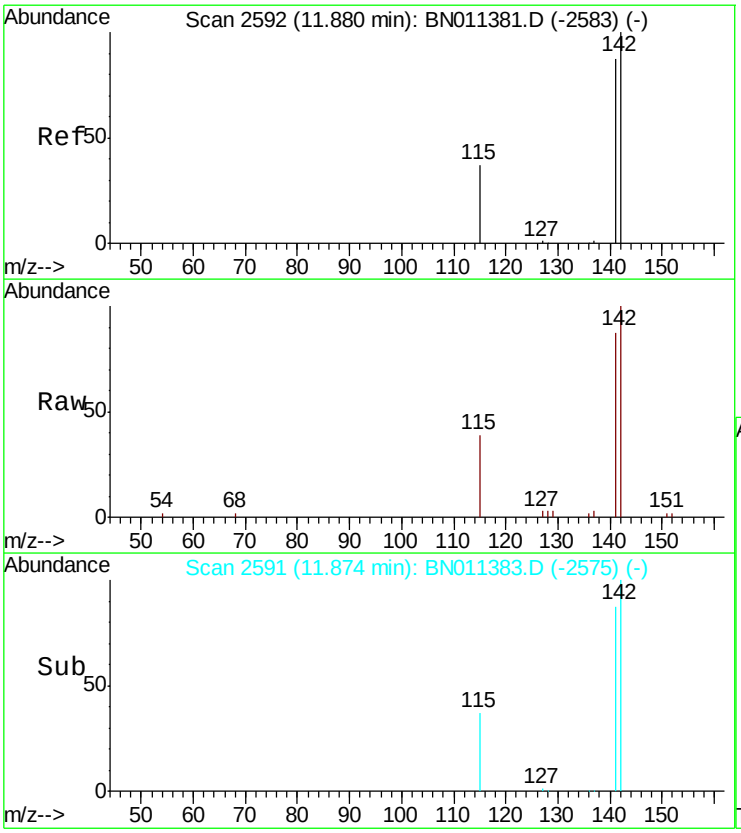
#3
Naphthalene
Concen: 5.629 ng/ul
RT: 10.25 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BN011383.D
Acq: 06 Aug 2020 17:26

Instrument :
BNA_N
ClientSampleId :
F4L02DL

Tgt Ion:128 Resp: 49949

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	13.0	11.2	16.8

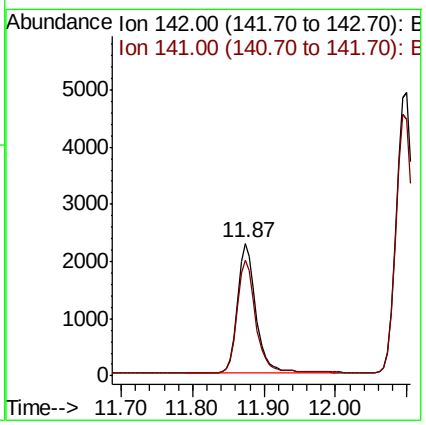


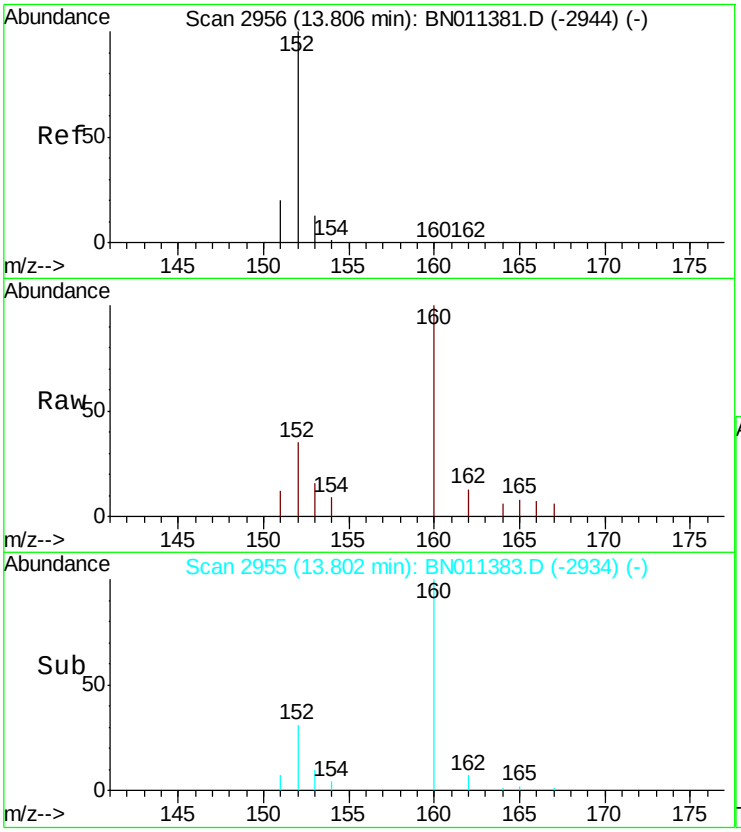


#5
2-Methylnaphthalene
Concen: 0.689 ng/ul
RT: 11.87 min Scan# 2591
Delta R.T. -0.01 min
Lab File: BN011383.D
Acq: 06 Aug 2020 17:26

Tgt Ion:142 Resp: 4102

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.8	109.2



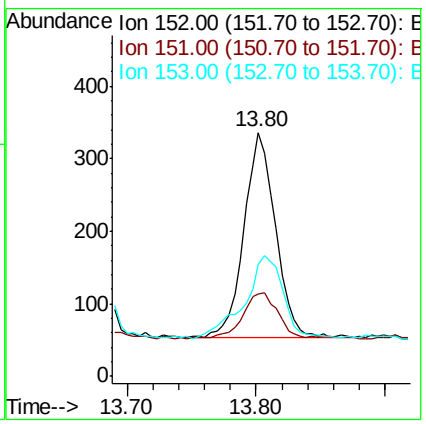


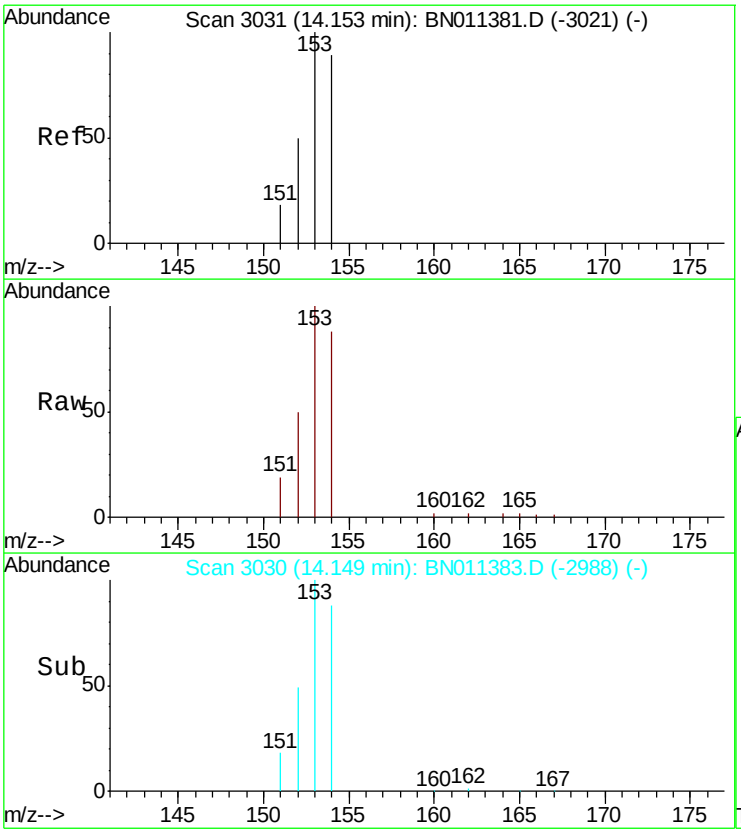
#7
Acenaphthylene
Concen: 0.057 ng/ul
RT: 13.80 min Scan# 2955
Delta R.T. -0.00 min
Lab File: BN011383.D
Acq: 06 Aug 2020 17:26

Instrument :
BNA_N
ClientSampleId :
F4L02DL

Tgt Ion:152 Resp: 482

Ion	Ratio	Lower	Upper
152	100		
151	33.9	17.1	25.7#
153	45.8	11.4	17.0#

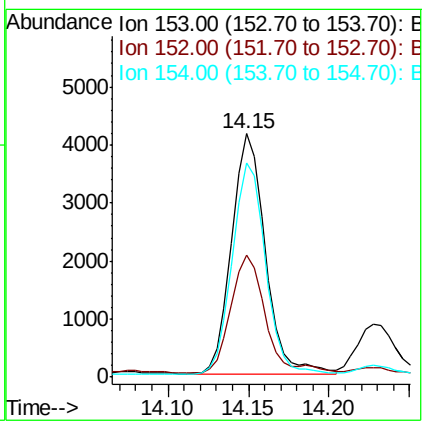


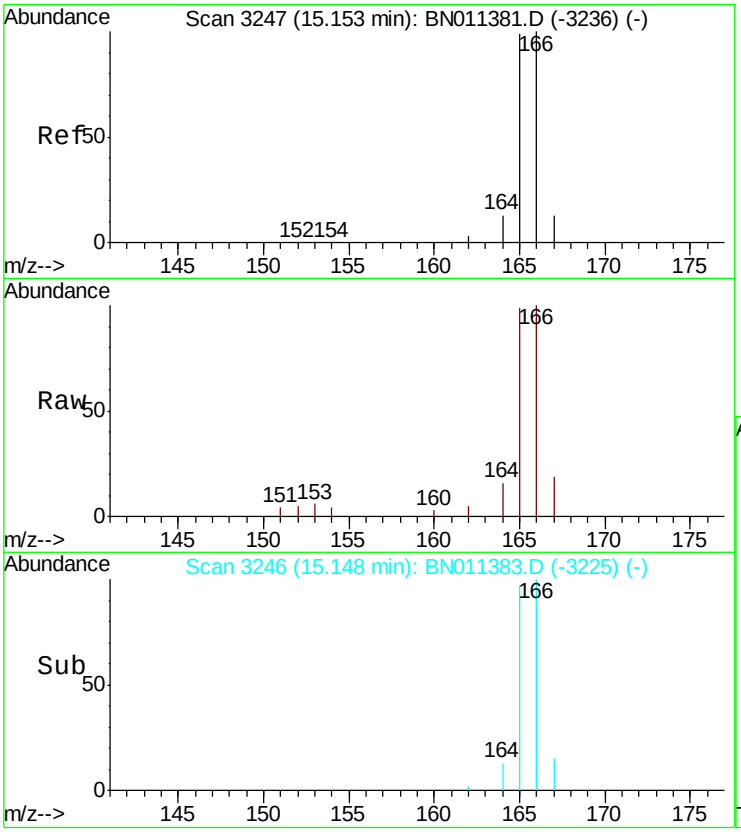


#8
Acenaphthene
Concen: 0.893 ng/ul
RT: 14.15 min Scan# 3030
Delta R.T. -0.00 min
Lab File: BN011383.D
Acq: 06 Aug 2020 17:26

Tgt Ion:153 Resp: 5985

Ion	Ratio	Lower	Upper
153	100		
152	49.9	40.5	60.7
154	87.8	69.5	104.3



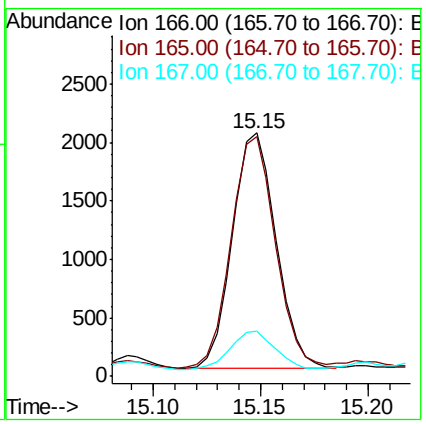


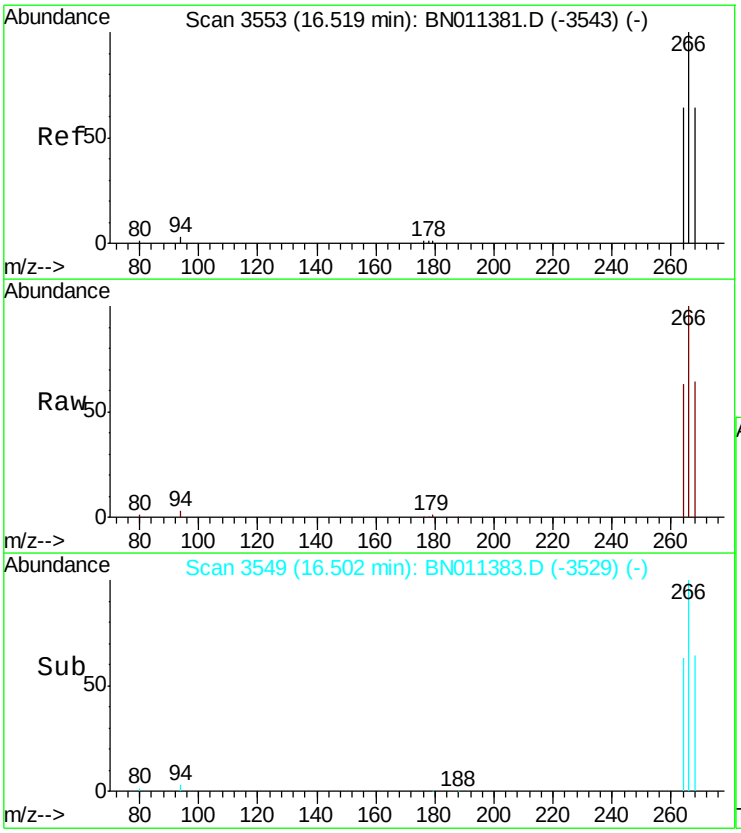
#9
Fluorene
Concen: 0.364 ng/ul
RT: 15.15 min Scan# 3246
Delta R.T. -0.00 min
Lab File: BN011383.D
Acq: 06 Aug 2020 17:26

Instrument :
BNA_N
ClientSampleId :
F4L02DL

Tgt Ion:166 Resp: 2869

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.8	118.2
167	18.7	12.1	18.1#

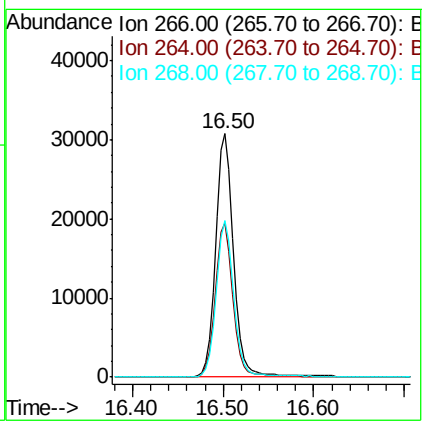


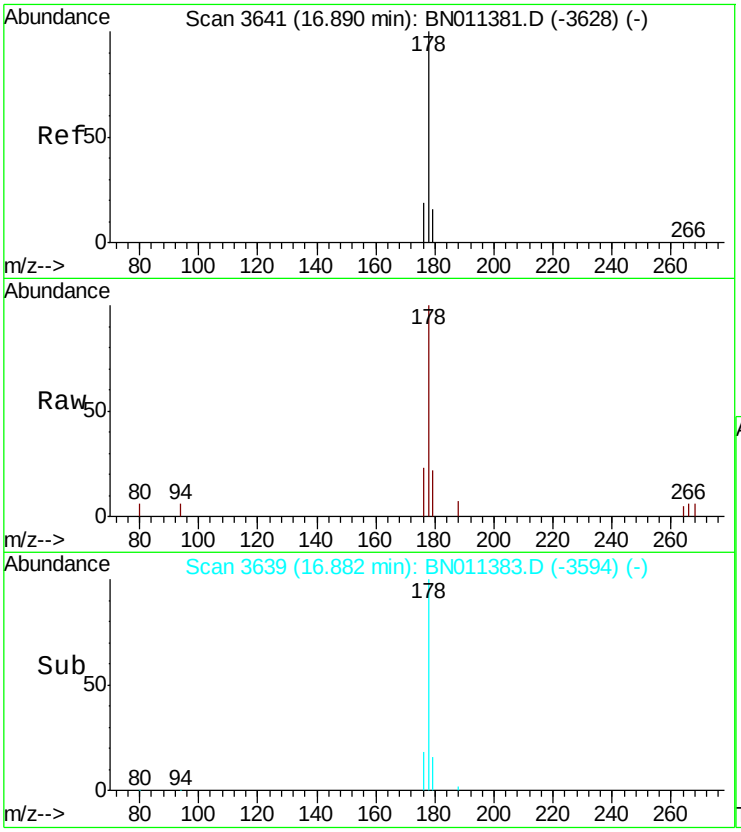


#11
Pentachlorophenol
Concen: 40.939 ng/ul
RT: 16.50 min Scan# 3549
Delta R.T. -0.02 min
Lab File: BN011383.D
Acq: 06 Aug 2020 17:26

Tgt Ion:266 Resp: 41672

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.7	76.1
268	63.8	51.3	76.9



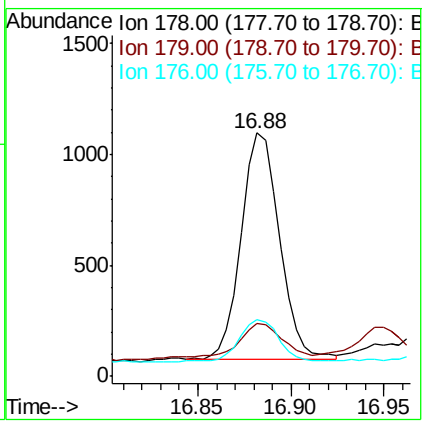


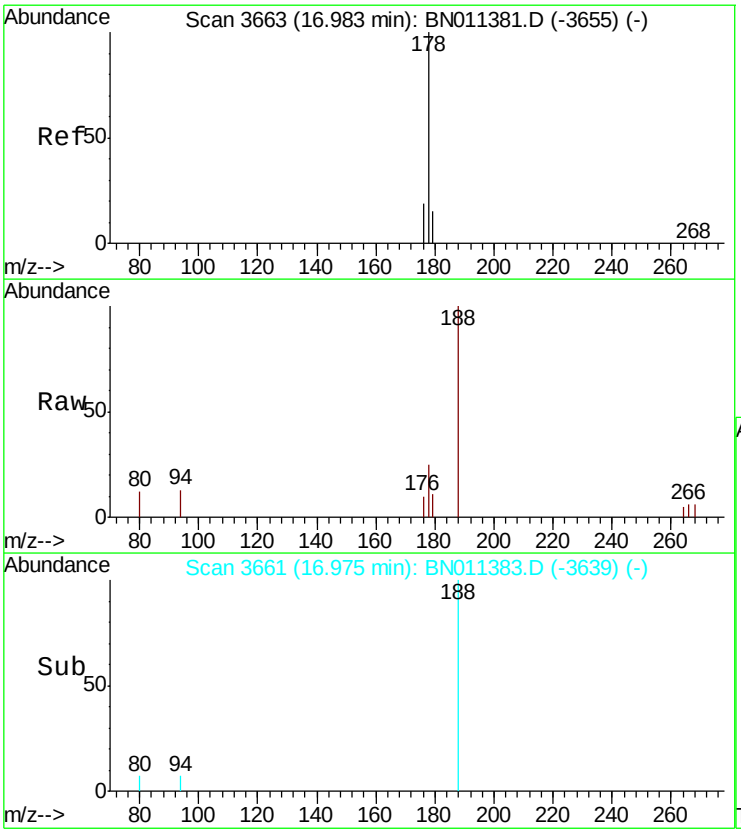
#12
Phenanthrene
Concen: 0.106 ng/ul
RT: 16.88 min Scan# 3639
Delta R.T. -0.01 min
Lab File: BN011383.D
Acq: 06 Aug 2020 17:26

Instrument :
BNA_N
ClientSampleId :
F4L02DL

Tgt Ion:178 Resp: 1456

Ion	Ratio	Lower	Upper
178	100		
179	21.8	12.6	18.8#
176	23.2	15.7	23.5





#13
Anthracene
Concen: 0.024 ng/ul
RT: 16.97 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BN011383.D
Acq: 06 Aug 2020 17:26

Tgt Ion:178 Resp: 290

Ion	Ratio	Lower	Upper
178	100		
179	43.8	13.1	19.7#
176	41.1	14.8	22.2#