Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
Data File : BN011528.D
Acq On : 20 Aug 2020 17:18
Operator : CG/JU
Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX4

Quant Time: Aug 20 17:56:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 13:39:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	143866	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	487105	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	318745	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	732782	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	753230	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	690958	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	14567	4.86	ng/uL	0.00
5) Phenol-d5	6.63	99	56412	5.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	140406	27.08	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	191170	20.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	101282	12.26	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	102284	27.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	112000	26.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	189789	23.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	264957	27.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	755964	30.46	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	815608	27.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	18348	4.36	ng/ul	0.00
58) Fluorene-d10	15.06	176	648398	29.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	94119	19.37	ng/ul	0.00
71) Anthracene-d10	16.91	188	1106369	31.61	ng/ul	0.00
79) Pyrene-d10	19.22	212	1291719	33.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	1177781	30.69	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.23	128	12726331	468.157	ng/ul	98
34) 2-Methylnaphthalene	11.83	142	176515	9.473	ng/ul	98
41) 1,1'-Biphenyl	12.88	154	335723	13.124	ng/ul	99
45) Dimethylphthalate	13.53	163	87231	3.424	ng/ul	97
48) Acenaphthylene	13.77	152	64712	2.092	ng/ul#	96
50) Acenaphthene	14.12	153	1283569	59.271	ng/ul	98
54) Dibenzofuran	14.46	168	1050850	33.459	ng/ul	100
59) Fluorene	15.12	166	678359	26.798	ng/ul	96
69) Pentachlorophenol	16.47	266	11224	2.110	ng/ul#	81
70) Phenanthrene	16.86	178	586145	13.486	ng/ul	97
72) Anthracene	16.95	178	57925	1.316	ng/ul	97
75) Carbazole	17.23	167	2519457	68.055	ng/ul	99
77) Fluoranthene	18.89	202	62372	1.173	ng/ul#	95

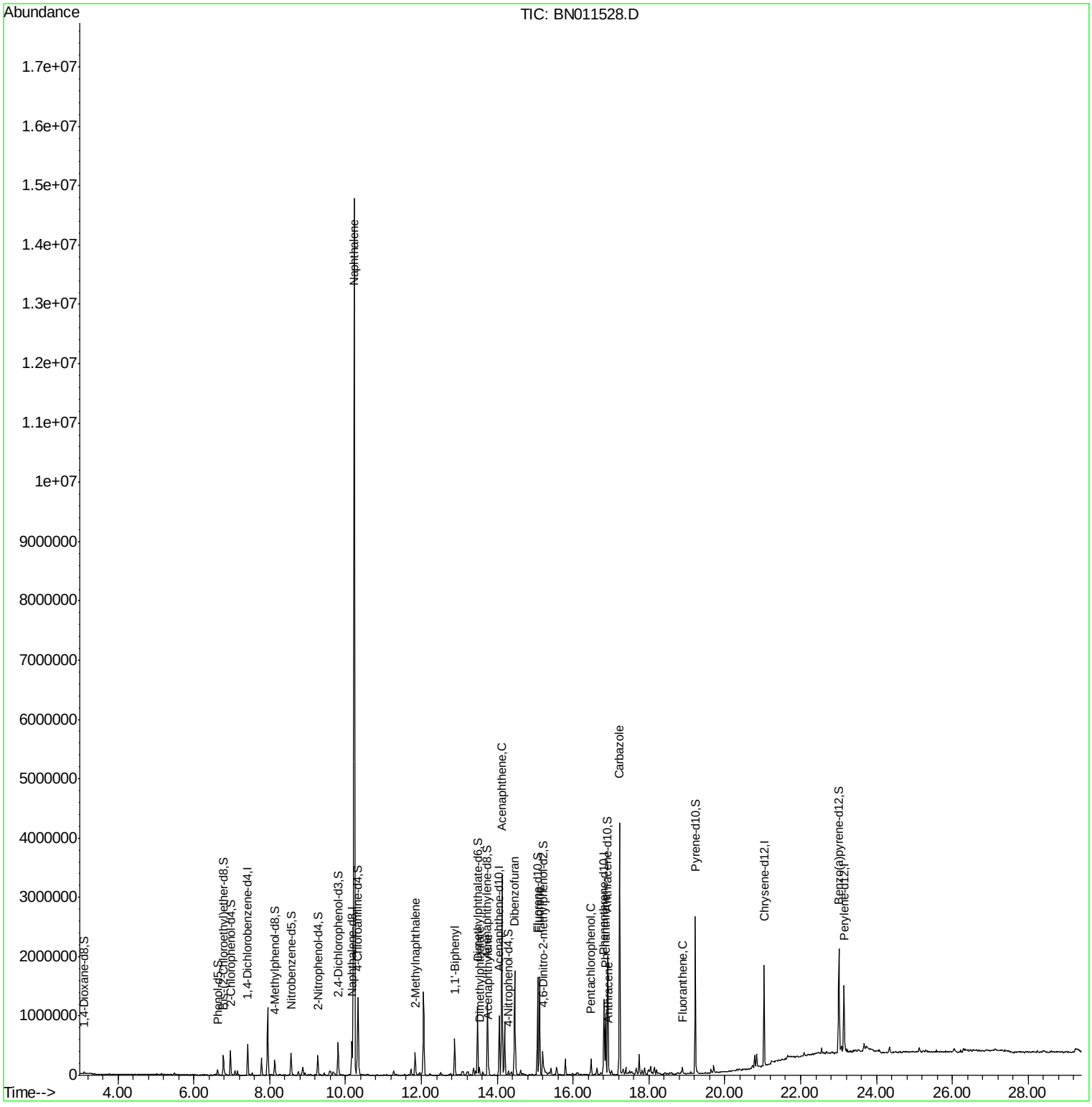
(#) = qualifier out of range (m) = manual integration (+) = signals summed

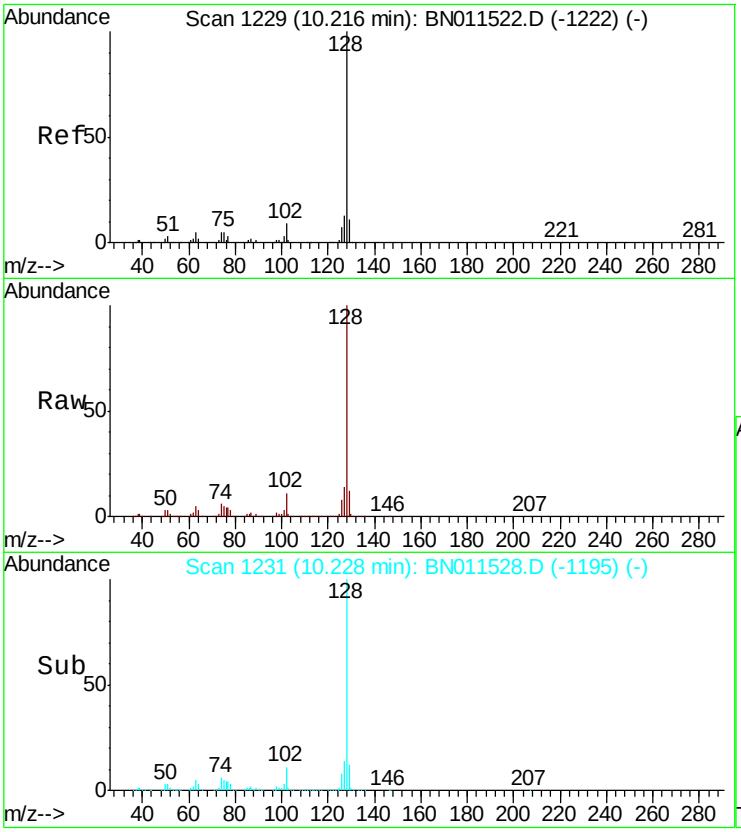
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
Data File : BN011528.D
Acq On : 20 Aug 2020 17:18
Operator : CG/JU
Sample : L3668-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBFX4

Quant Time: Aug 20 17:56:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 13:39:40 2020
Response via : Initial Calibration



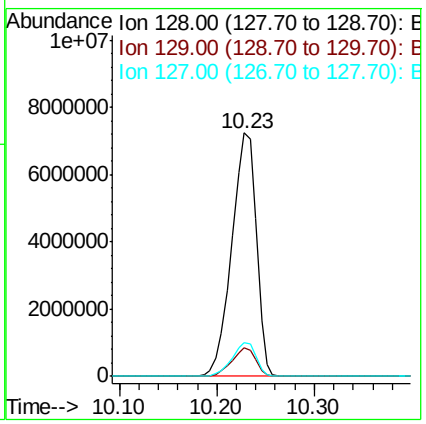


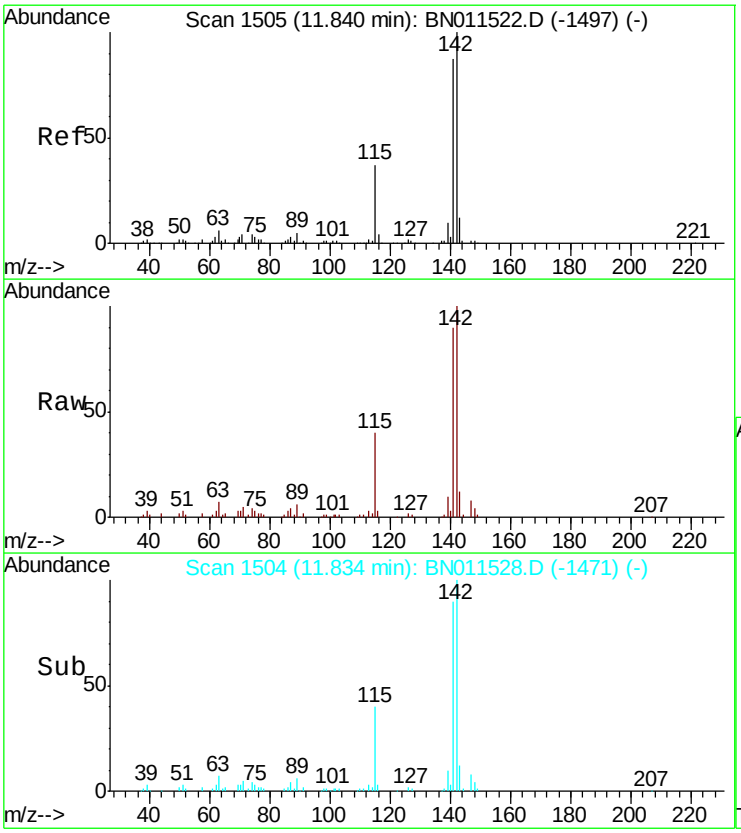
#28
Naphthalene
Concen: 468.157 ng/ul
RT: 10.23 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BN011528.D
Acq: 20 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
DBFX4

Tgt Ion:128 Resp:12726331

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.8	10.2	15.2

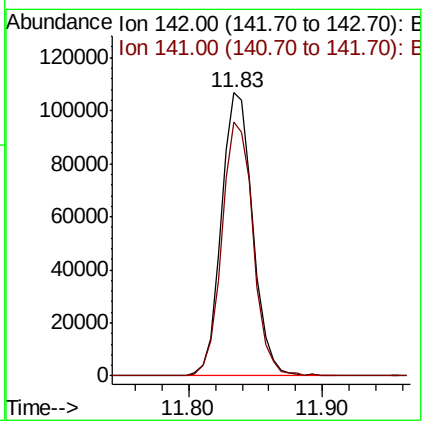


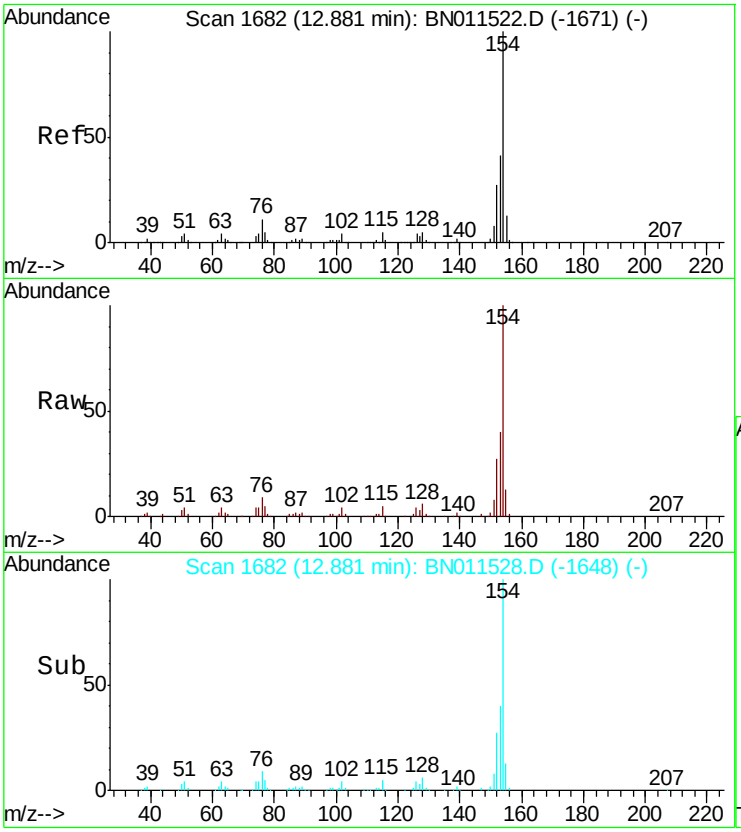


#34
2-Methylnaphthalene
Concen: 9.473 ng/ul
RT: 11.83 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BN011528.D
Acq: 20 Aug 2020 17:18

Tgt Ion:142 Resp: 176515

Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.2	109.8



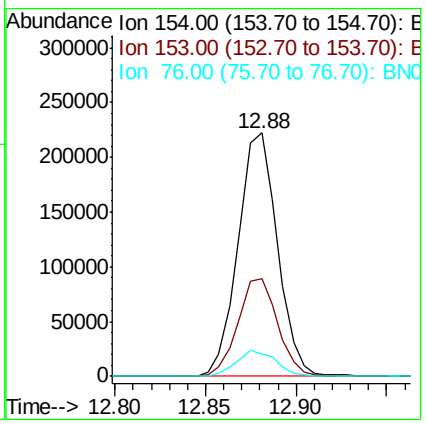


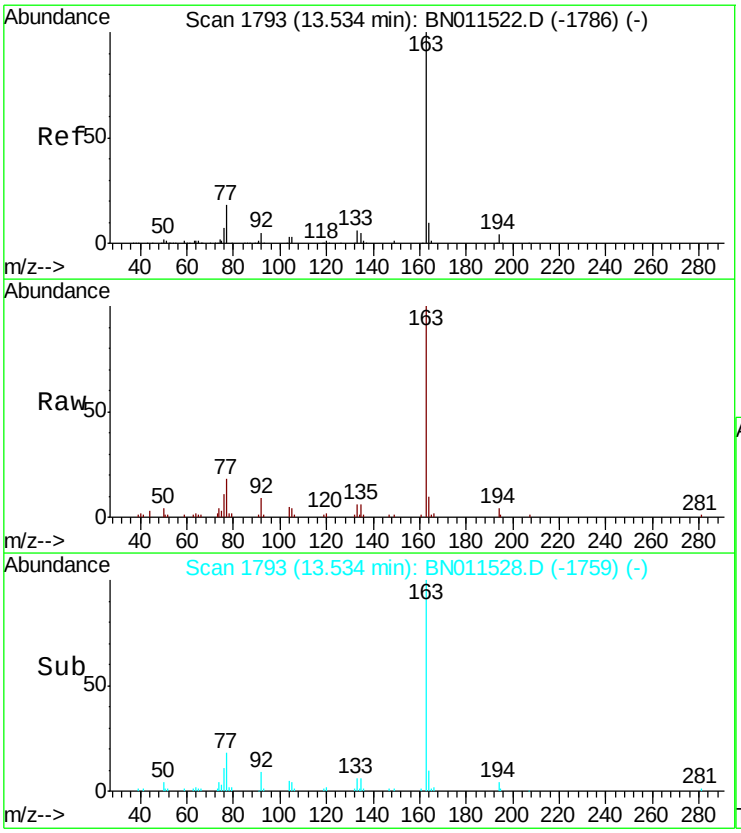
#41
1,1'-Biphenyl
Concen: 13.124 ng/ul
RT: 12.88 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BN011528.D
Acq: 20 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
DBFX4

Tgt Ion:154 Resp: 335723

Ion	Ratio	Lower	Upper
154	100		
153	40.1	32.3	48.5
76	9.3	8.5	12.7

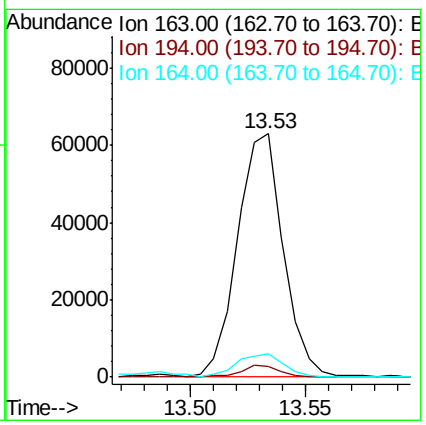


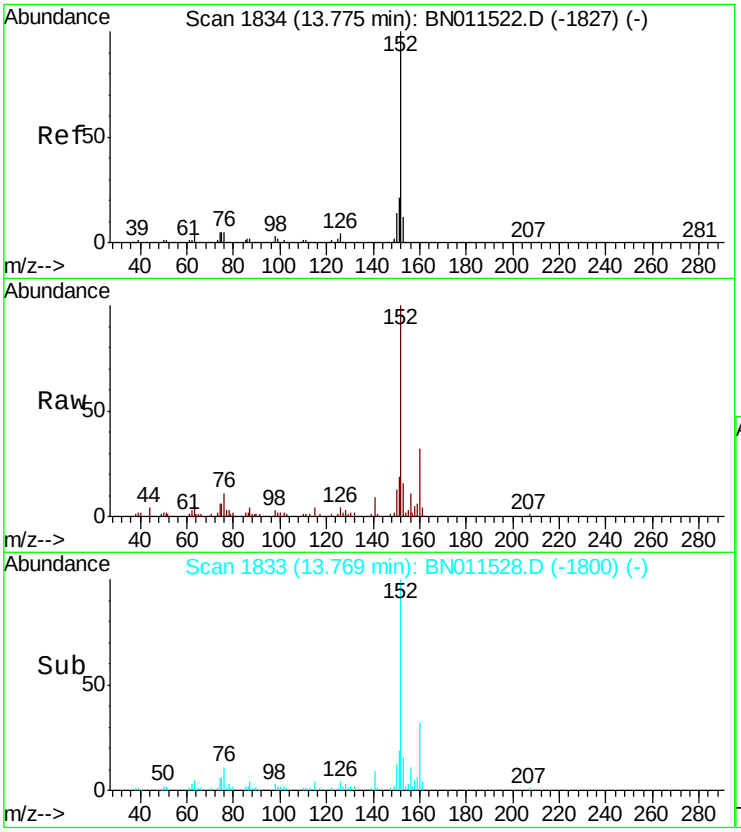


#45
Dimethylphthalate
Concen: 3.424 ng/ul
RT: 13.53 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BN011528.D
Acq: 20 Aug 2020 17:18

Tgt Ion:163 Resp: 87231

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	9.5	8.7	13.1



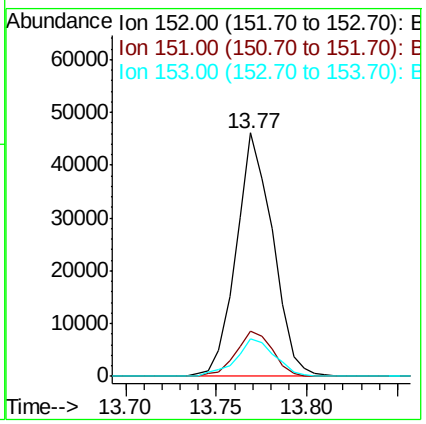


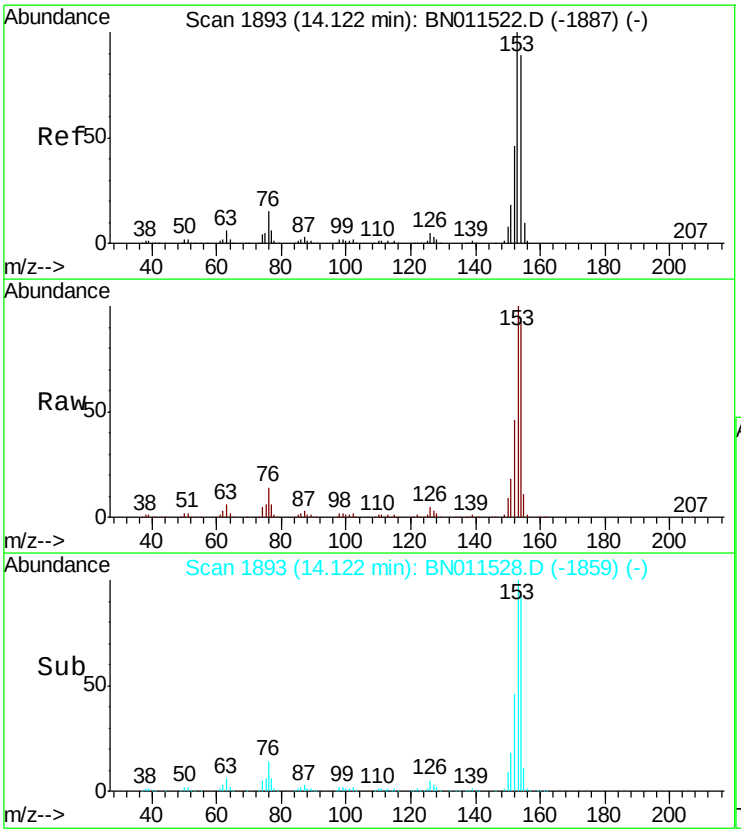
#48
Acenaphthylene
Concen: 2.092 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN011528.D
Acq: 20 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
DBFX4

Tgt Ion:152 Resp: 64712

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.2
153	15.6	9.9	14.9#

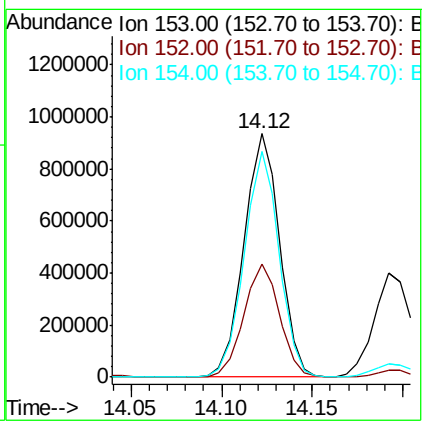


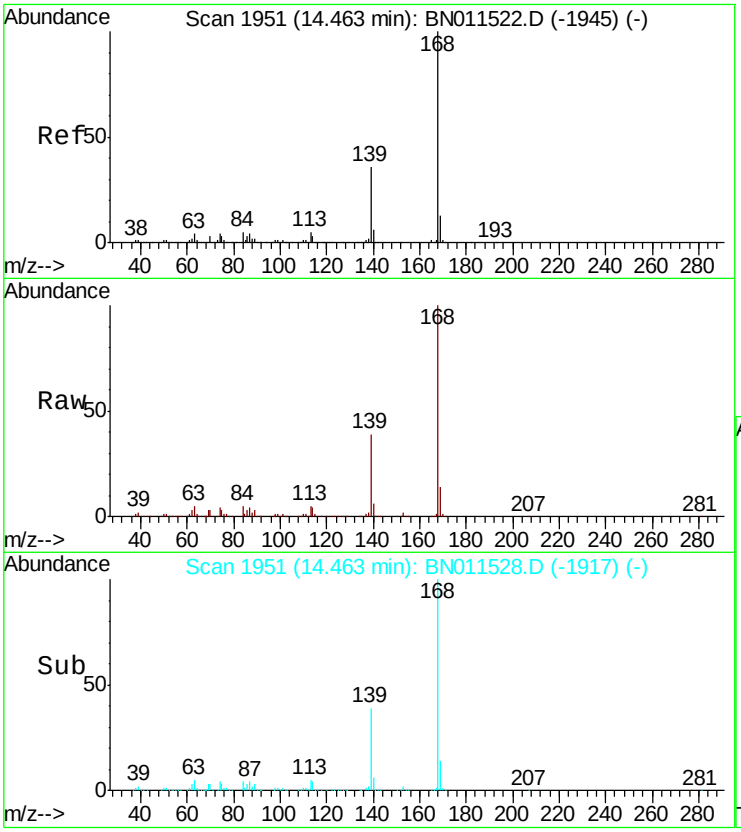


#50
Acenaphthene
Concen: 59.271 ng/ul
RT: 14.12 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BN011528.D
Acq: 20 Aug 2020 17:18

Tgt Ion:153 Resp: 1283569

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.6	56.4
154	92.6	72.0	108.0



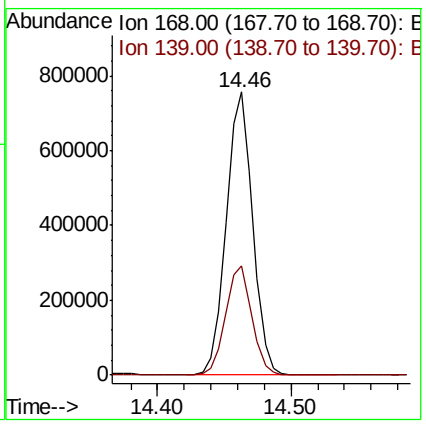


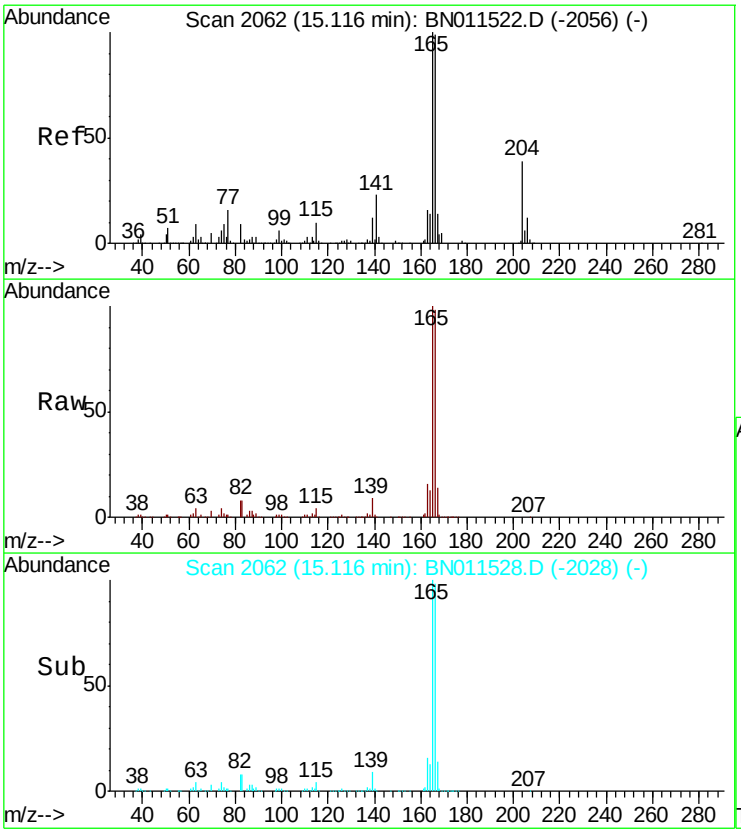
#54
Dibenzofuran
Concen: 33.459 ng/ul
RT: 14.46 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BN011528.D
Acq: 20 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
DBFX4

Tgt Ion:168 Resp: 1050850

Ion	Ratio	Lower	Upper
168	100		
139	38.7	31.1	46.7

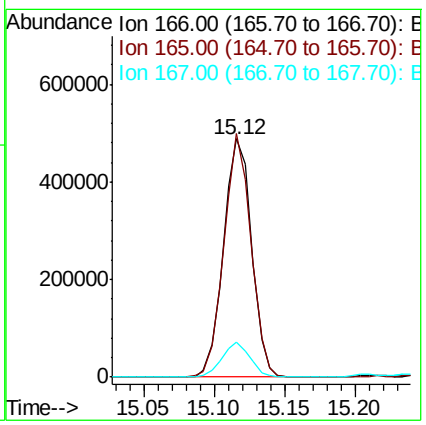


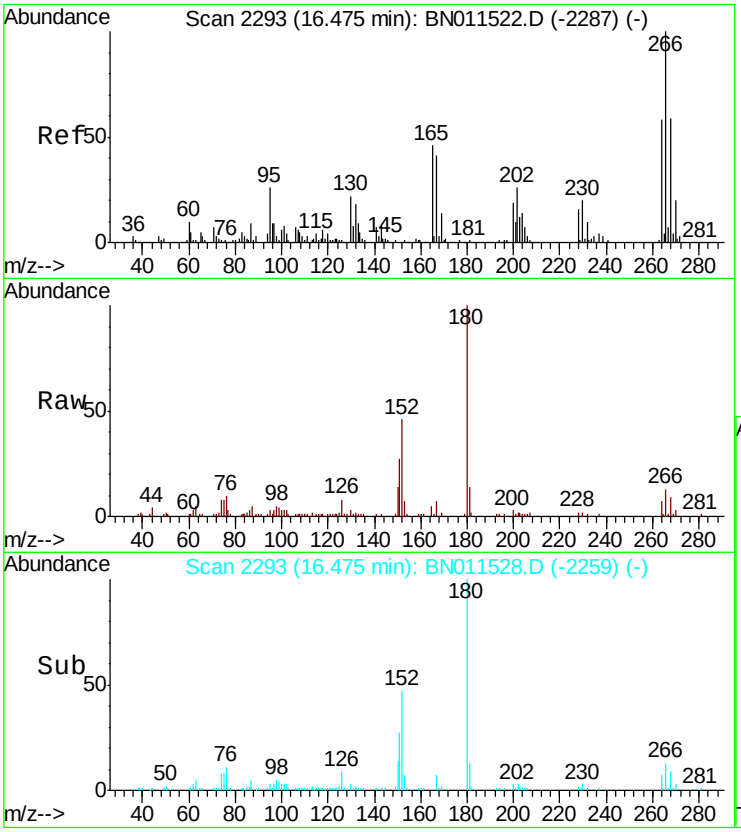


#59
Fluorene
Concen: 26.798 ng/ul
RT: 15.12 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BN011528.D
Acq: 20 Aug 2020 17:18

Tgt Ion:166 Resp: 678359

Ion	Ratio	Lower	Upper
166	100		
165	102.1	78.0	117.0
167	14.4	11.9	17.9



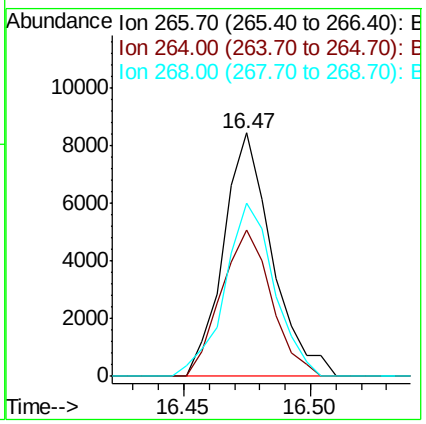


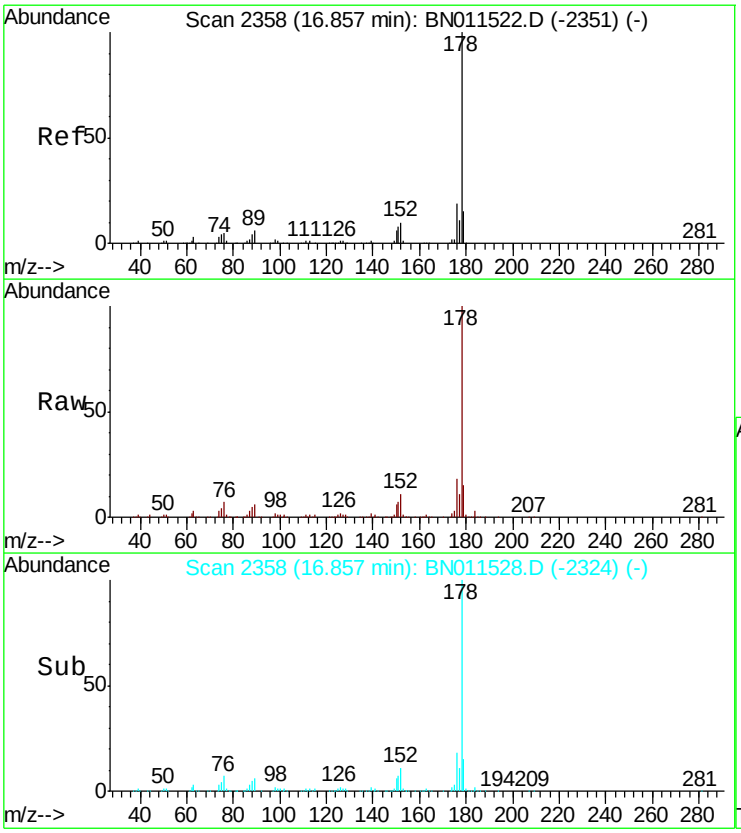
#69
Pentachlorophenol
Concen: 2.110 ng/ul
RT: 16.47 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BN011528.D
Acq: 20 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
DBFX4

Tgt Ion:266 Resp: 11224

Ion	Ratio	Lower	Upper
266	100		
264	59.9	67.9	101.9#
268	71.0	63.4	95.2

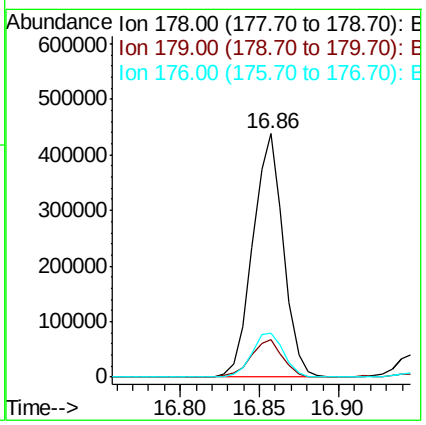


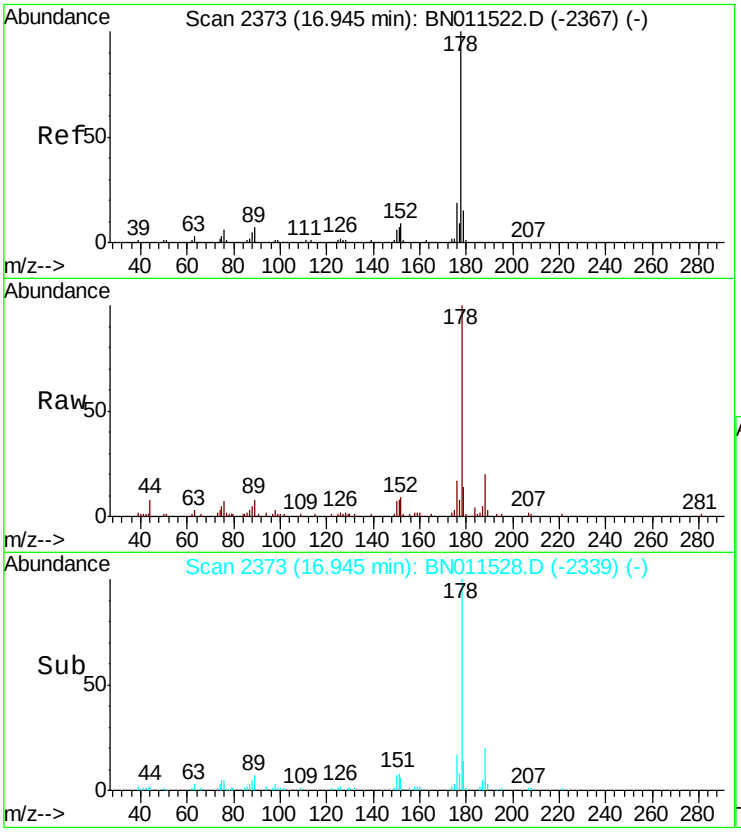


#70
Phenanthrene
Concen: 13.486 ng/ul
RT: 16.86 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BN011528.D
Acq: 20 Aug 2020 17:18

Tgt Ion:178 Resp: 586145

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.1	19.7
176	18.1	15.7	23.5



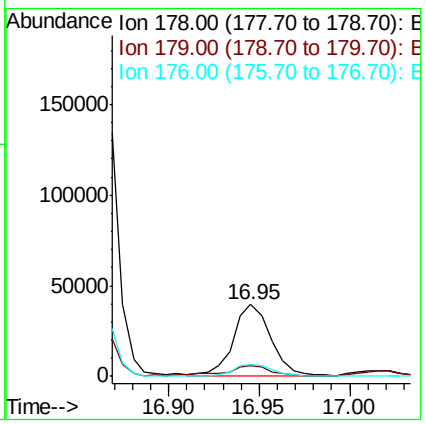


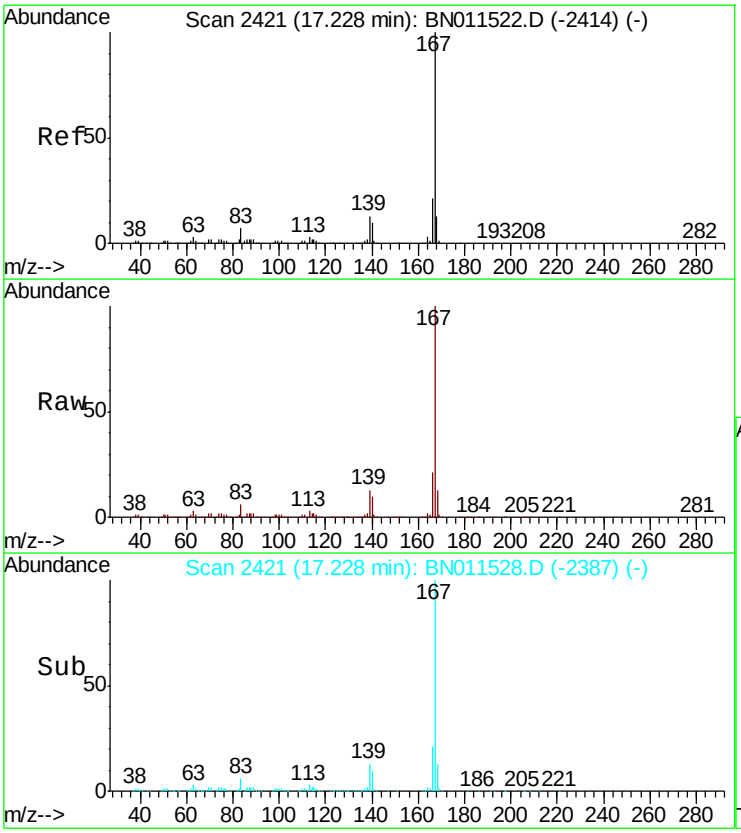
#72
Anthracene
Concen: 1.316 ng/ul
RT: 16.95 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BN011528.D
Acq: 20 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
DBFX4

Tgt Ion:178 Resp: 57925

Ion	Ratio	Lower	Upper
178	100		
179	14.3	13.0	19.4
176	17.5	14.6	21.8

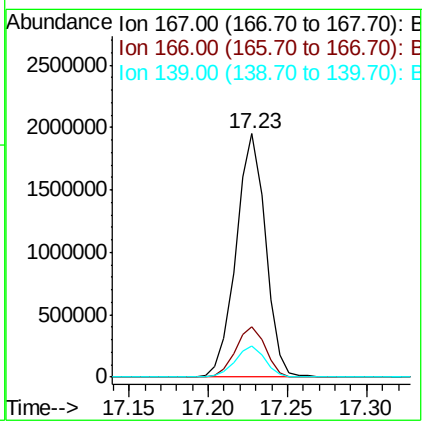


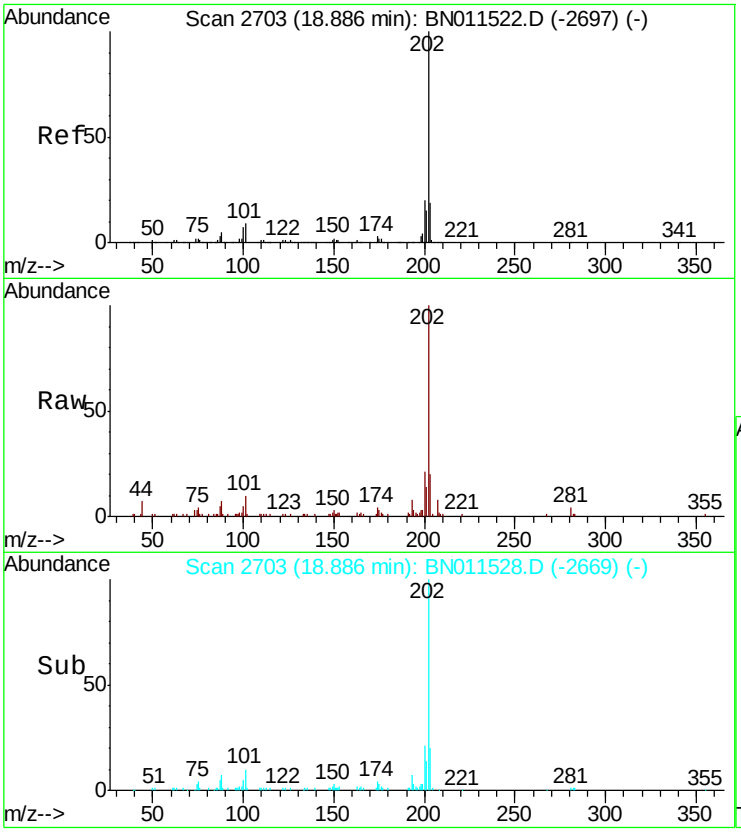


#75
Carbazole
Concen: 68.055 ng/ul
RT: 17.23 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BN011528.D
Acq: 20 Aug 2020 17:18

Tgt Ion:167 Resp: 2519457

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.2	25.8
139	12.9	10.2	15.2





#77
Fluoranthene
Concen: 1.173 ng/ul
RT: 18.89 min Scan# 2703
Delta R.T. -0.00 min
Lab File: BN011528.D
Acq: 20 Aug 2020 17:18

Instrument :
BNA_N
ClientSampleId :
DBFX4

Tgt Ion:202 Resp: 62372

Ion	Ratio	Lower	Upper
202	100		
101	11.5	7.3	10.9#
100	5.4	5.2	7.8