Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011506.D
Acq On : 19 Aug 2020 08:01
Operator : CG/JU
Sample : L3668-10DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFT6DL

Quant Time: Aug 19 10:07:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 02:19:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	180477	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.16	136	709969	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	406385	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.82	188	878476	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	957102	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	919809	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.62	99	11271	0.88	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.78	67	31425	4.83	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.96	132	42577	3.72	ng/ul	-0.01
13) 4-Methylphenol-d8	8.13	113	27836	2.69	ng/ul	-0.01
19) Nitrobenzene-d5	8.56	128	29026	5.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	30908	4.99	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.80	165	52104	4.46	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.48	166	190358	6.02	ng/ul	-0.01
47) Acenaphthylene-d8	13.75	160	201892	5.30	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.06	176	165193	5.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	18366	3.15	ng/ul	0.00
71) Anthracene-d10	16.91	188	259338	6.18	ng/ul	-0.01
79) Pyrene-d10	19.22	212	300407	6.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	313124	6.13	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	2504492	63.211	ng/ul	99
45) Dimethylphthalate	13.53	163	33036	1.017	ng/ul	99
50) Acenaphthene	14.12	153	338189	12.249	ng/ul	96
59) Fluorene	15.12	166	159401	4.939	ng/ul	99
70) Phenanthrene	16.86	178	114500	2.197	ng/ul	97
75) Carbazole	17.23	167	504811	11.374	ng/ul	98

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

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Quant Title : SVOA CALIBRATION
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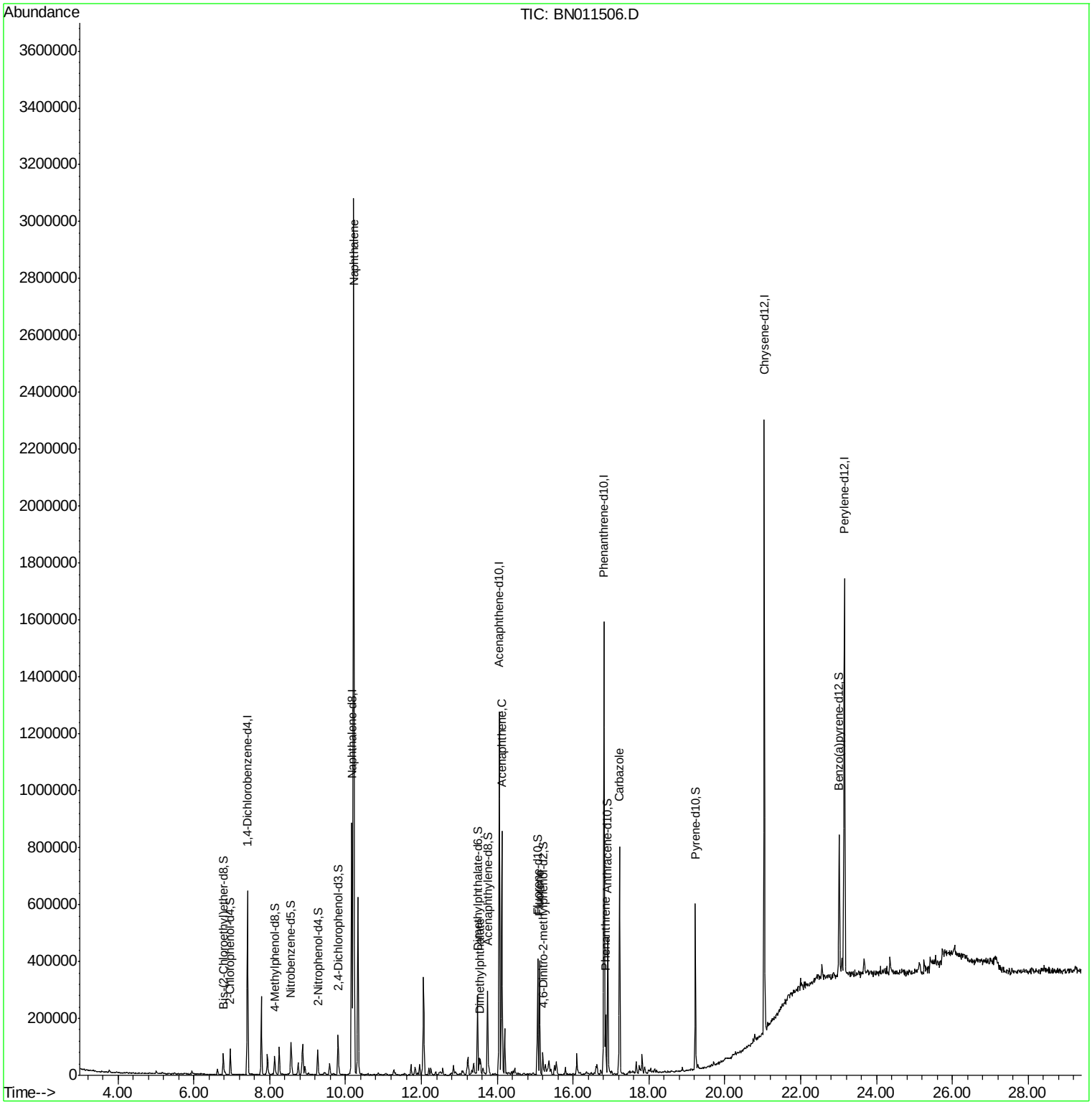
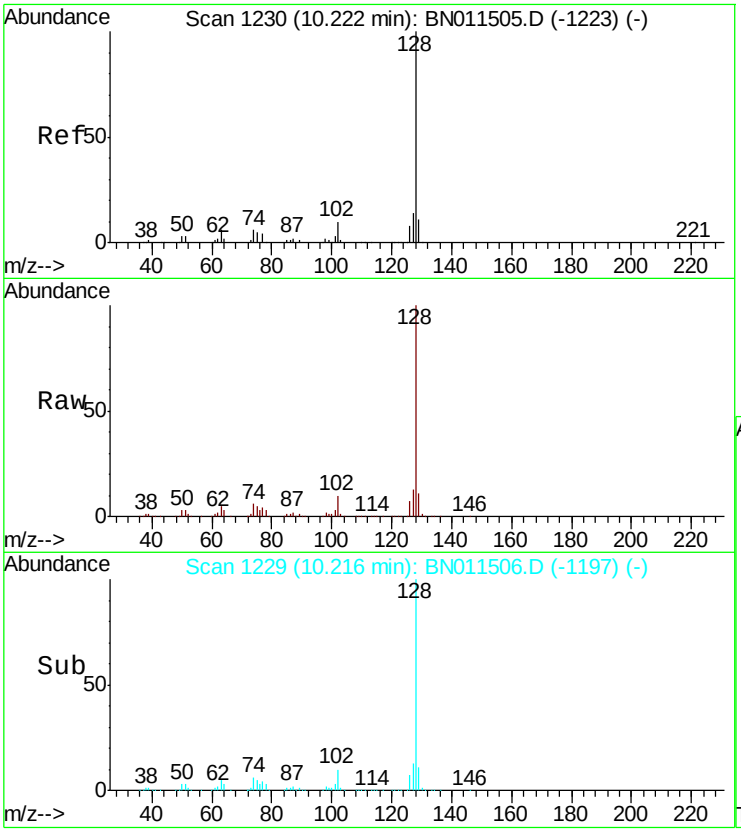


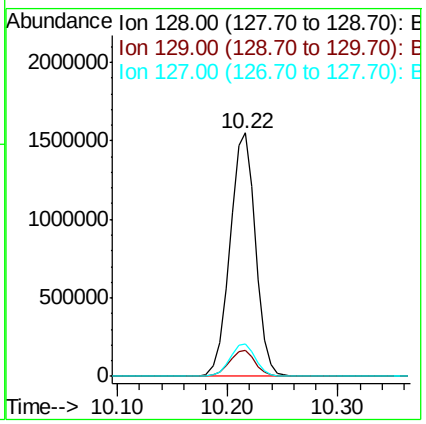


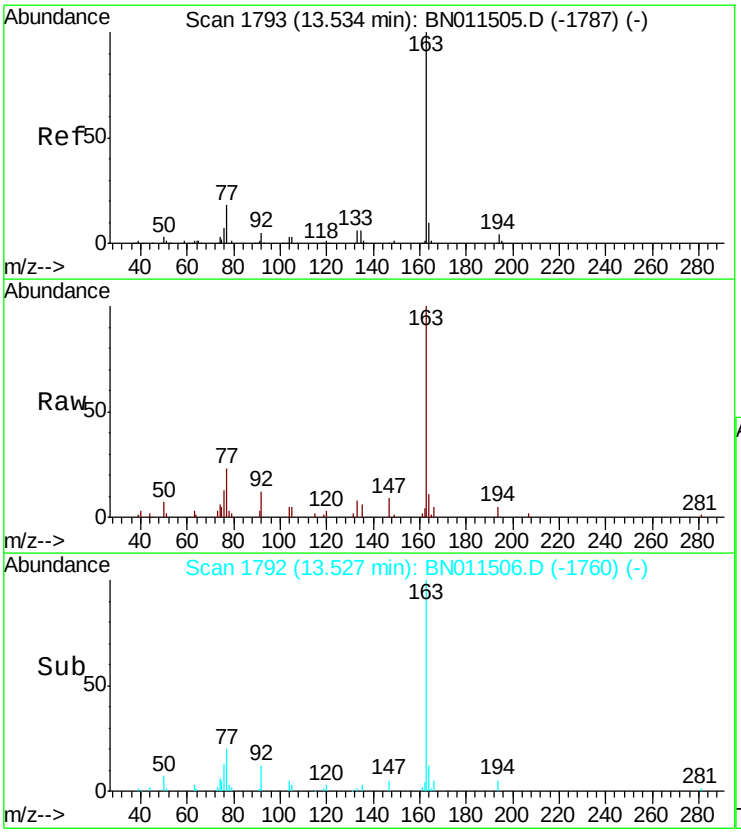
#28
Naphthalene
Concen: 63.211 ng/ul
RT: 10.22 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BN011506.D
Acq: 19 Aug 2020 08:01

Instrument :
BNA_N
ClientSampleId :
DBFT6DL

Tgt Ion:128 Resp: 2504492

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.2	10.2	15.2

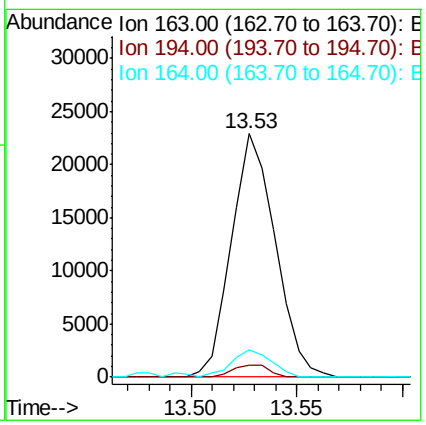


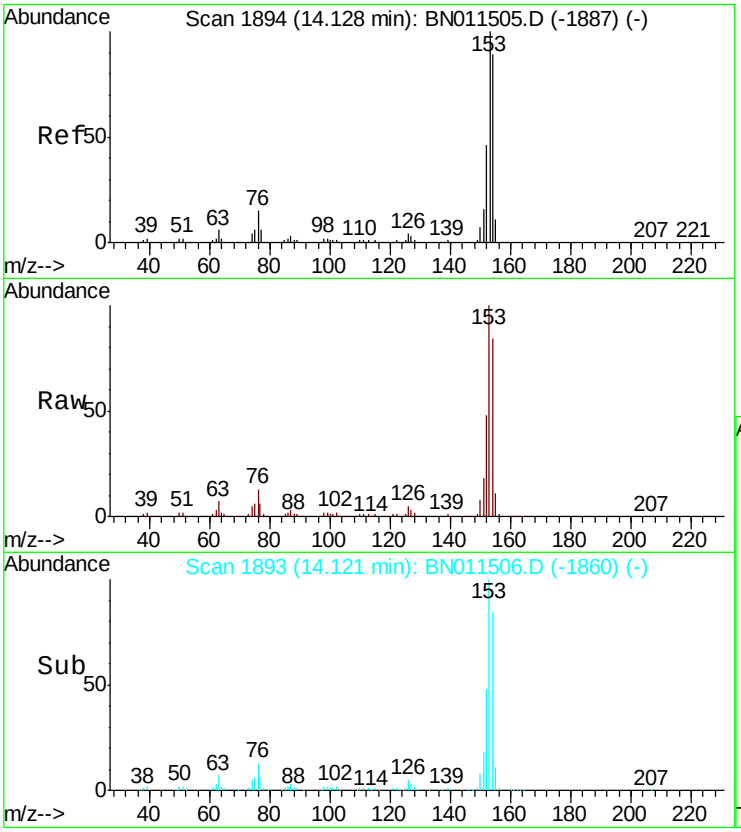


#45
Dimethylphthalate
Concen: 1.017 ng/ul
RT: 13.53 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BN011506.D
Acq: 19 Aug 2020 08:01

Tgt Ion:163 Resp: 33036

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.6
164	11.3	8.7	13.1



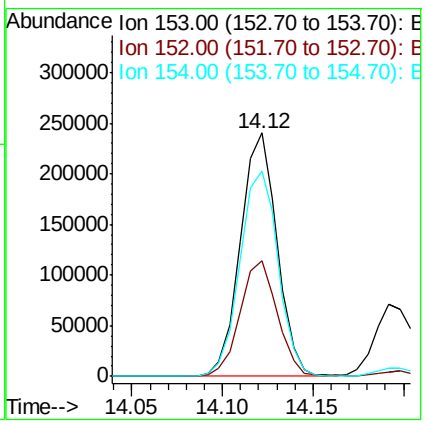


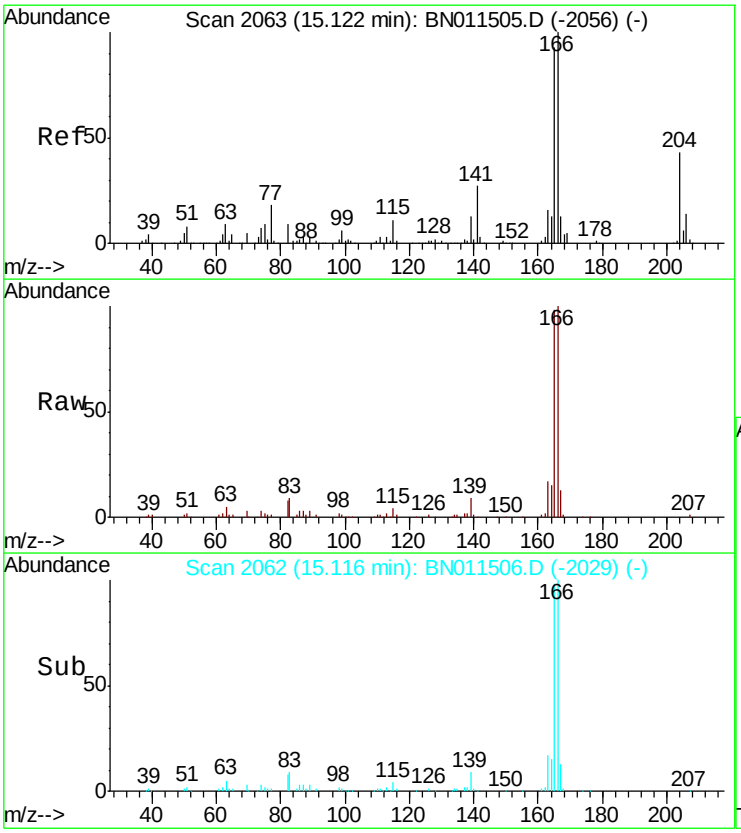
#50
Acenaphthene
Concen: 12.249 ng/ul
RT: 14.12 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BN011506.D
Acq: 19 Aug 2020 08:01

Instrument :
BNA_N
ClientSampleId :
DBFT6DL

Tgt Ion:153 Resp: 338189

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.6	56.4
154	84.2	72.0	108.0

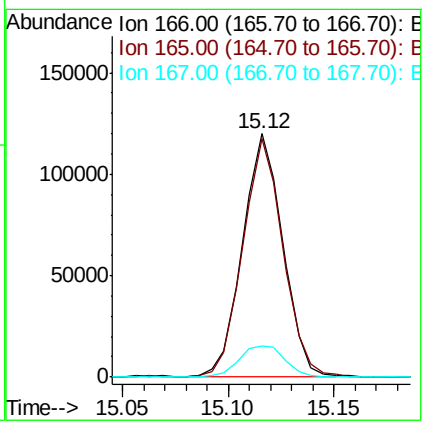


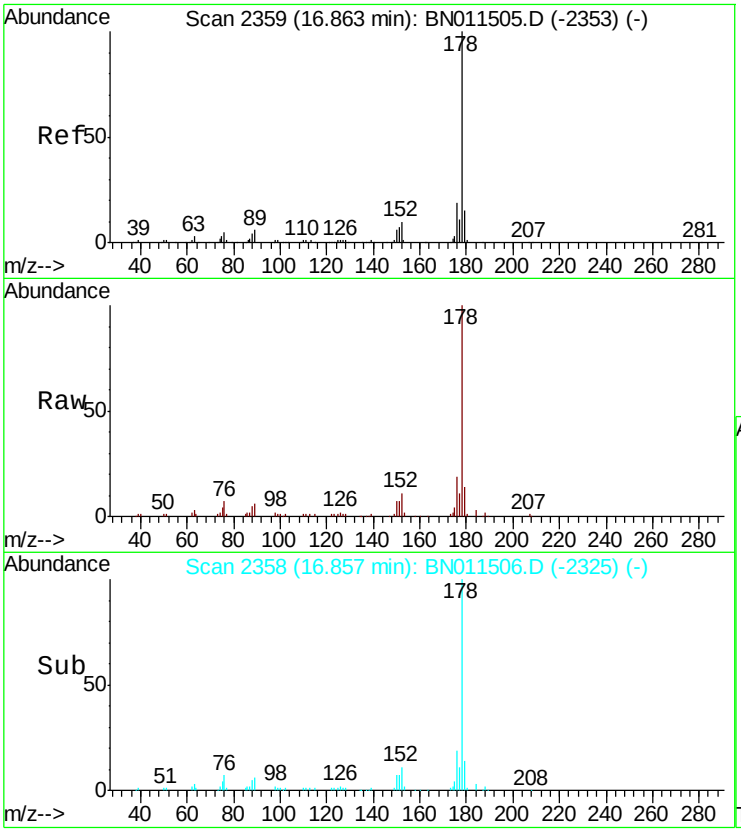


#59
Fluorene
Concen: 4.939 ng/ul
RT: 15.12 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BN011506.D
Acq: 19 Aug 2020 08:01

Tgt Ion:166 Resp: 159401

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.0	117.0
167	12.6	11.9	17.9



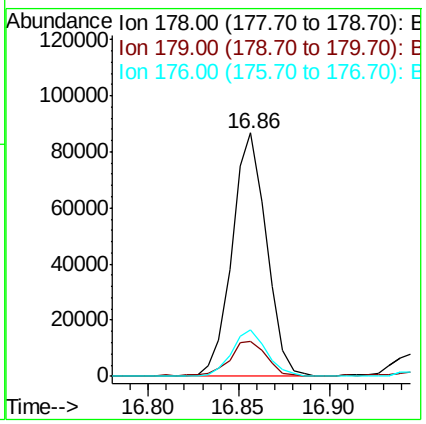


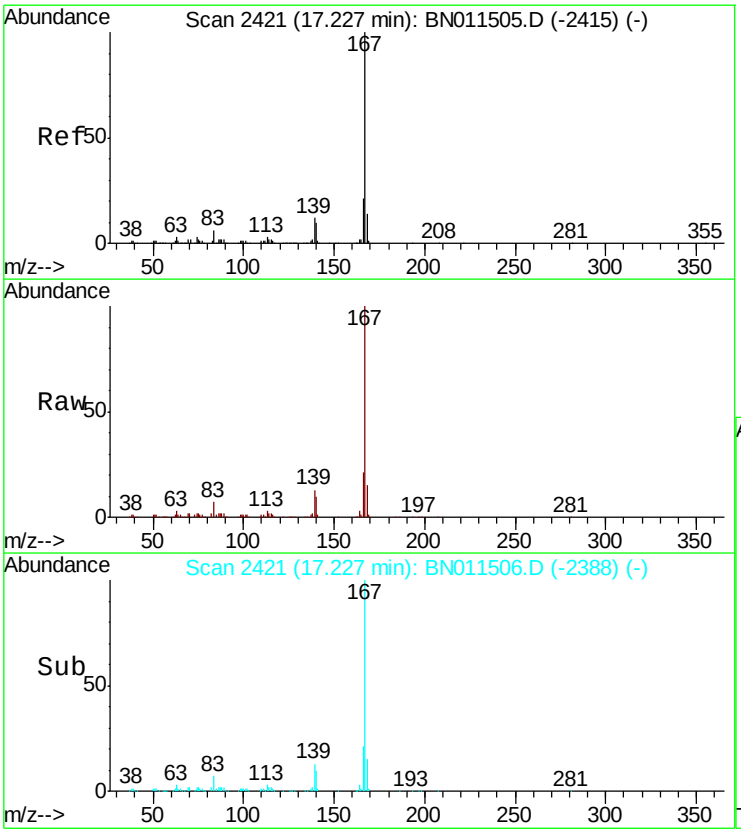
#70
Phenanthrene
Concen: 2.197 ng/ul
RT: 16.86 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BN011506.D
Acq: 19 Aug 2020 08:01

Instrument :
BNA_N
ClientSampleId :
DBFT6DL

Tgt Ion:178 Resp: 114500

Ion	Ratio	Lower	Upper
178	100		
179	14.3	13.1	19.7
176	18.9	15.7	23.5





#75
Carbazole
Concen: 11.374 ng/ul
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN011506.D
Acq: 19 Aug 2020 08:01

Tgt Ion:167 Resp: 504811

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.2	25.8
139	13.4	10.2	15.2