Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\

Quantitation Report (Not Reviewed)

Data File : BN010076.D
Acq On : 03 Mar 2020 23:58
Operator : CG/JU
Sample : L1619-06DL 50X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0DL

Quant Time: Mar 04 01:33:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	58685	20.00	ng/ul	0.01
18) Naphthalene-d8	10.11	136	216630	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	190243	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	400869	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	387518	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	423890	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	278	0.19	ng/uL	0.02
5) Phenol-d5	6.61	99	3502	0.70	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.75	67	4271	1.24	ng/ul	0.02
9) 2-Chlorophenol-d4	6.93	132	4367	1.16	ng/ul	0.03
13) 4-Methylphenol-d8	8.13	113	2992	0.75	ng/ul	0.05
19) Nitrobenzene-d5	8.55	128	834	0.53	ng/ul	0.04
22) 2-Nitrophenol-d4	9.26	143	970	0.56	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	9.82	165	1857	0.56	ng/ul	0.07
29) 4-Chloroaniline-d4	10.33	131	3444	0.92	ng/ul	0.06
44) Dimethylphthalate-d6	13.45	166	25743	1.81	ng/ul	0.01
47) Acenaphthylene-d8	13.70	160	27492	1.64	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.02	176	24218	1.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.87	188	37704	2.05	ng/ul	0.00
79) Pyrene-d10	19.17	212	41572	2.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	40556	1.92	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	11.80	142	37052	4.568	ng/ul	98
35) 1-Methylnaphthalene	12.02	142	17506	2.153	ng/uL#	99
41) 1,1'-Biphenyl	12.83	154	24218	1.657	ng/ul#	91
50) Acenaphthene	14.07	153	144244	11.616	ng/ul	97
54) Dibenzofuran	14.42	168	144583	8.295	ng/ul	99
59) Fluorene	15.07	166	127978	8.749	ng/ul	98
70) Phenanthrene	16.81	178	570124	24.921	ng/ul	99
72) Anthracene	16.81	178	570124	24.378	ng/ul	98
77) Fluoranthene	18.84	202	334169	12.470	ng/ul	95
80) Pyrene	19.20	202	222222	7.954	ng/ul	95
83) Benzo(a)anthracene	20.97	228	42311	1.589	ng/ul	93
85) Chrysene	21.03	228	33556	1.280	ng/ul	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\

Quantitation Report (Not Reviewed)

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Acq On : 03 Mar 2020 23:58
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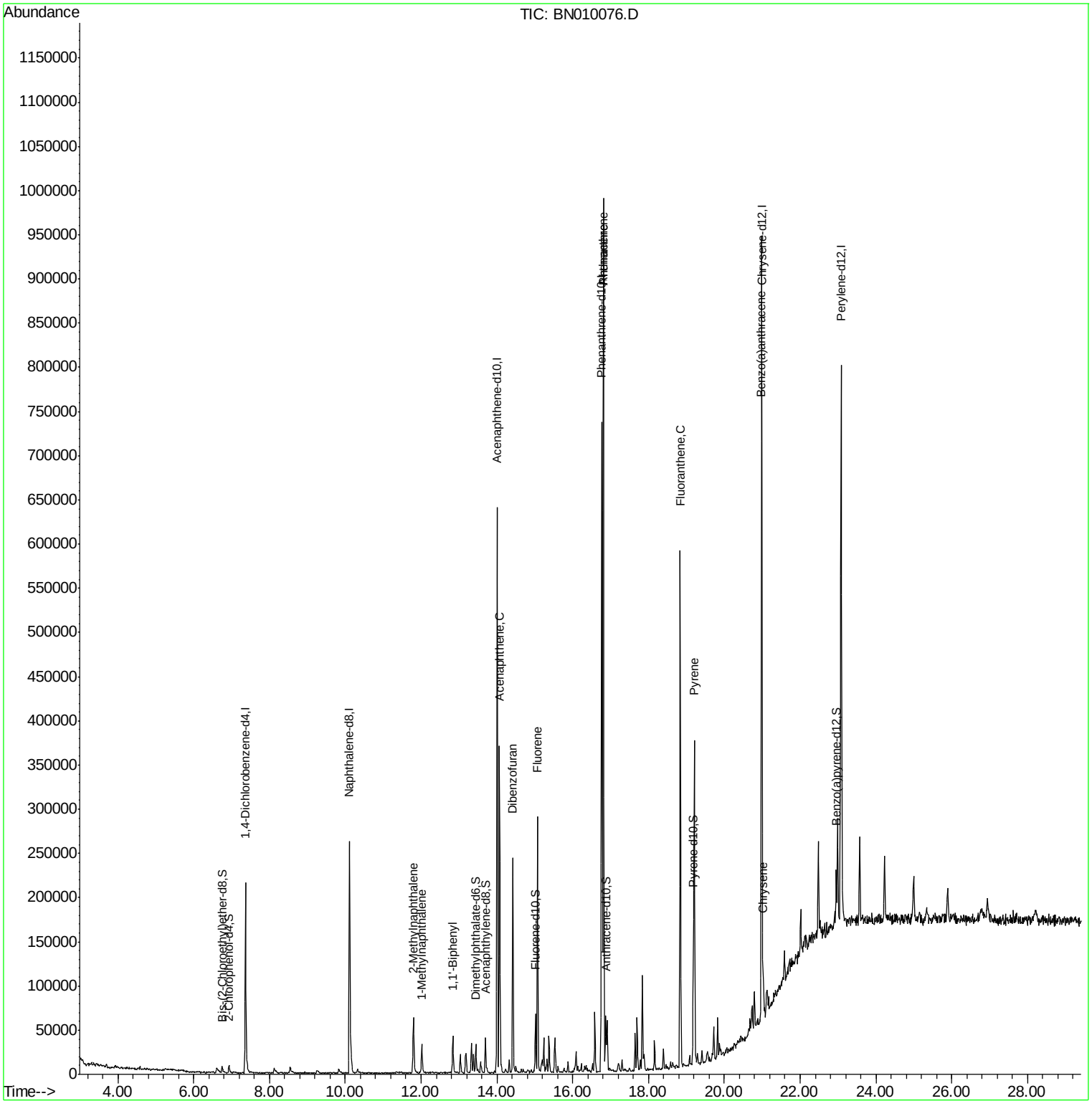
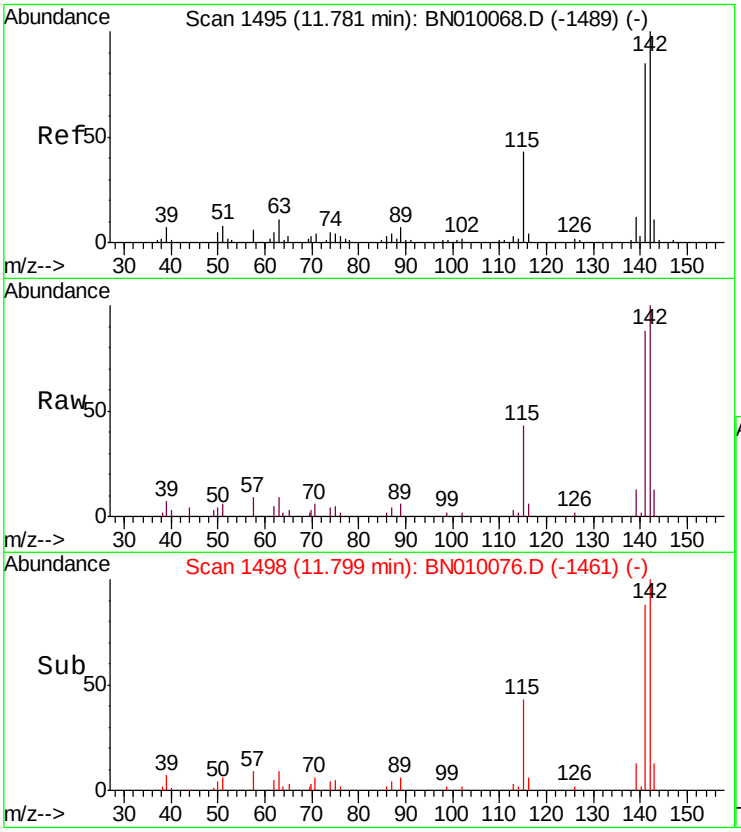
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDW0DL

Quant Time: Mar 04 01:33:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration



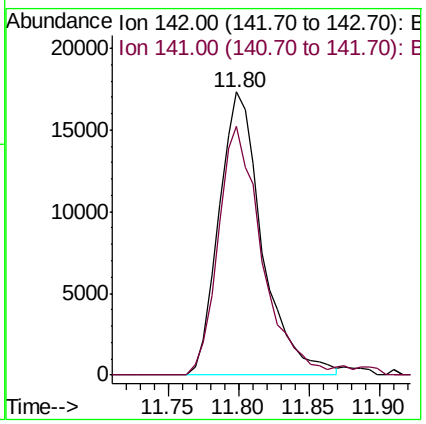


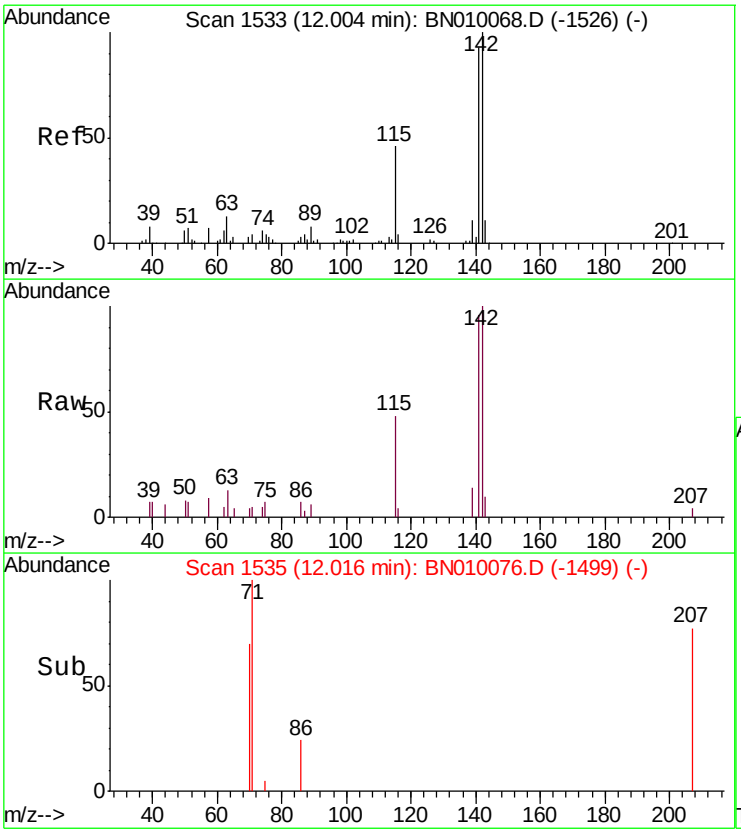
#34
2-Methylnaphthalene
Concen: 4.568 ng/ul
RT: 11.80 min Scan# 1498
Delta R.T. 0.02 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Instrument :
BNA_N
ClientSampleId :
DBDW0DL

Tgt Ion:142 Resp: 37052

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.1	108.1

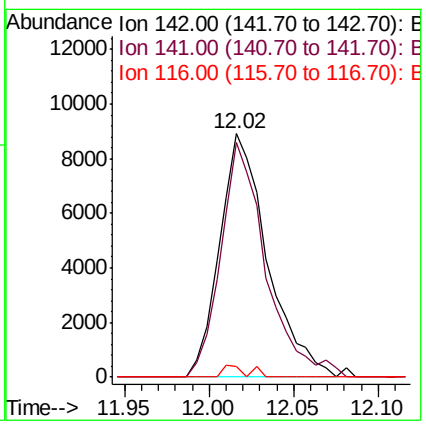


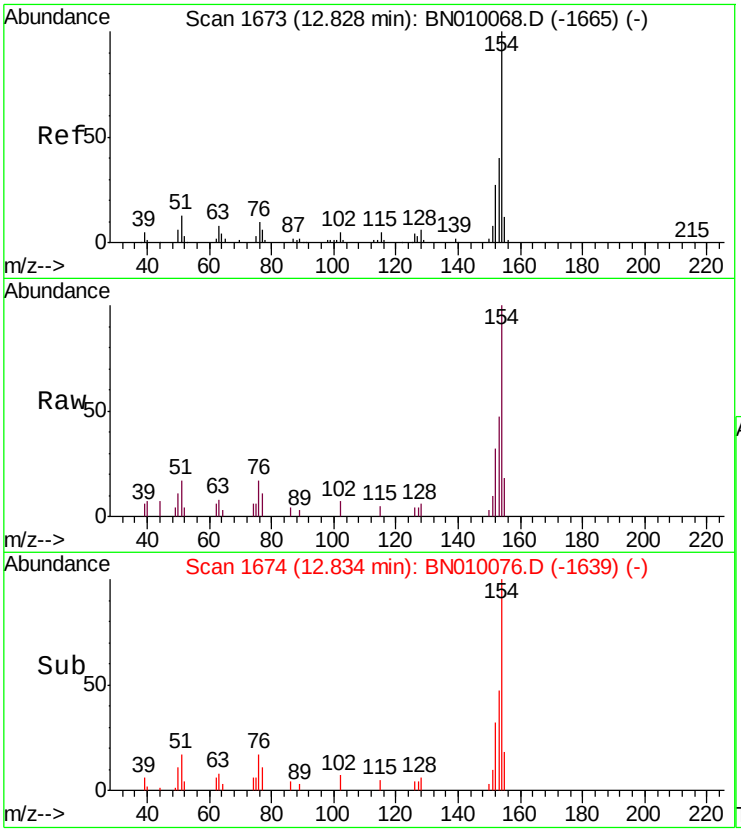


#35
1-Methylnaphthalene
Concen: 2.153 ng/uL
RT: 12.02 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Tgt Ion:142 Resp: 17506

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.8	109.2
116	1.6	3.2	4.8#



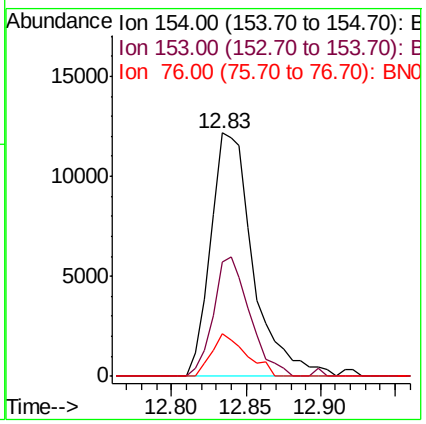


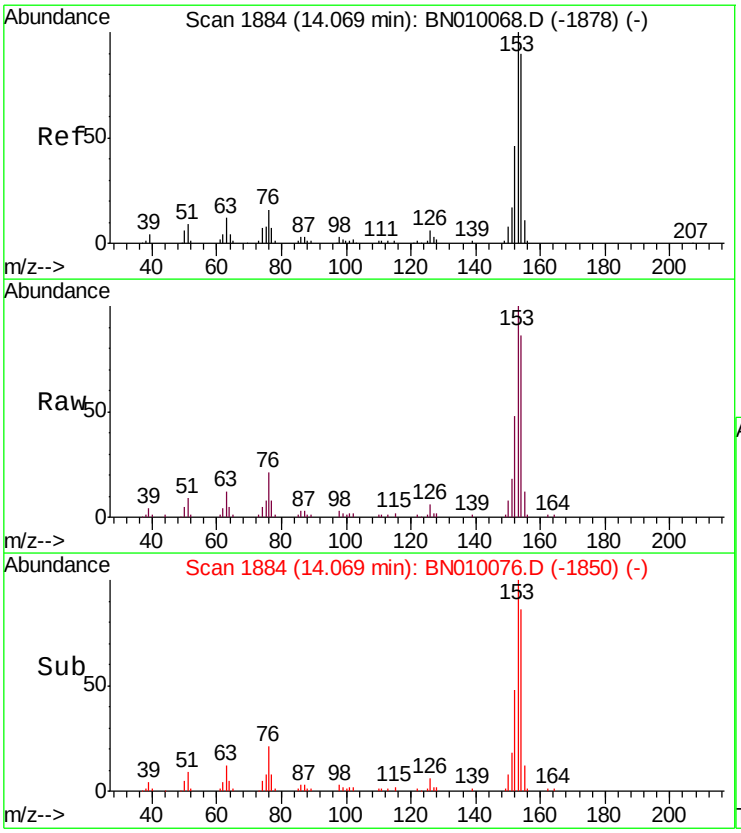
#41
1,1'-Biphenyl
Concen: 1.657 ng/ul
RT: 12.83 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Instrument :
BNA_N
ClientSampleId :
DBDW0DL

Tgt Ion:154 Resp: 24218

Ion	Ratio	Lower	Upper
154	100		
153	46.8	33.2	49.8
76	17.5	11.0	16.4#

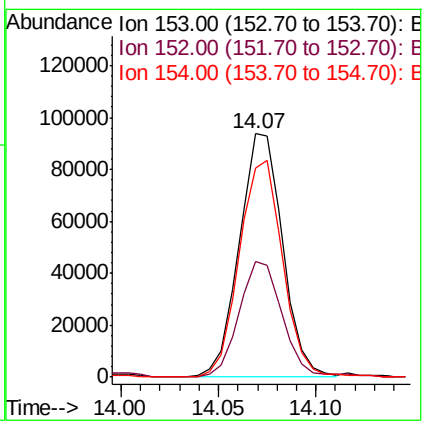


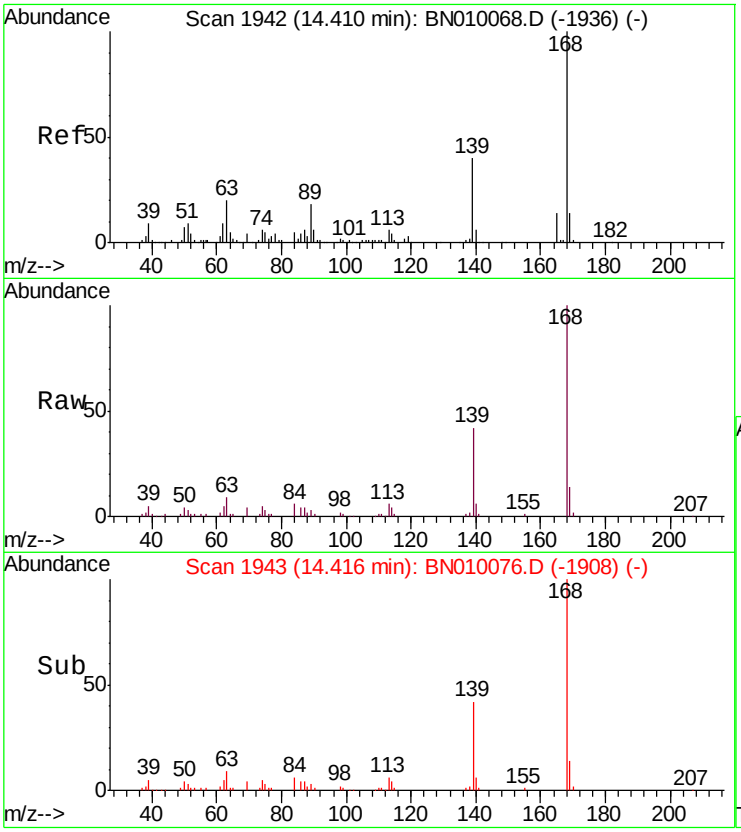


#50
Acenaphthene
Concen: 11.616 ng/ul
RT: 14.07 min Scan# 1884
Delta R.T. 0.00 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Tgt Ion:153 Resp: 144244

Ion	Ratio	Lower	Upper
153	100		
152	47.7	36.6	54.8
154	85.8	70.6	106.0



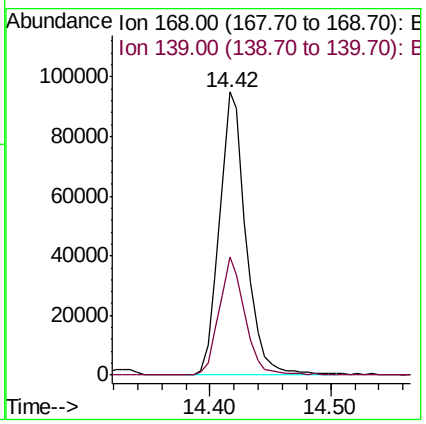


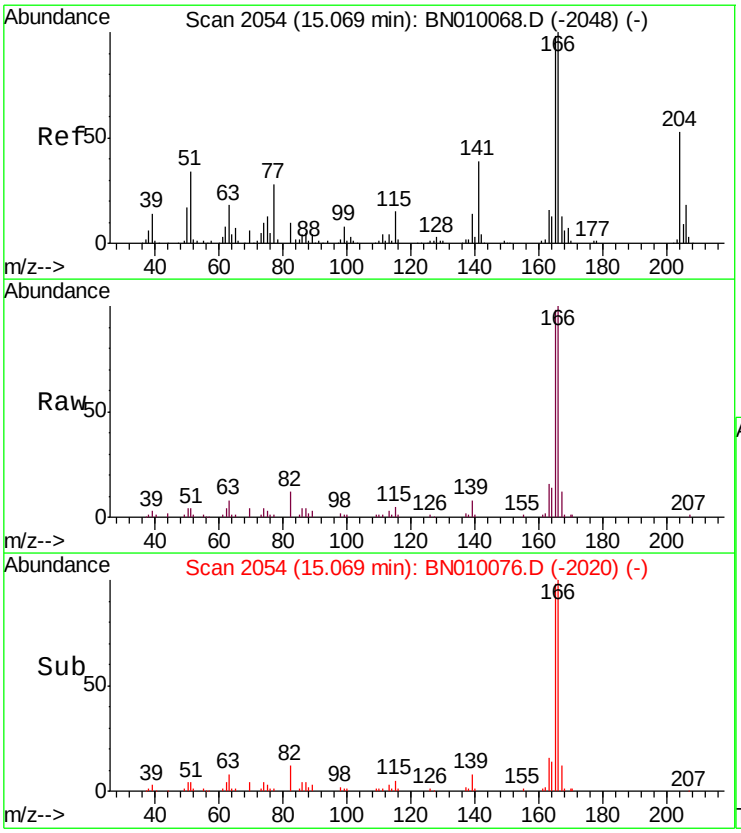
#54
Dibenzofuran
Concen: 8.295 ng/ul
RT: 14.42 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Instrument :
BNA_N
ClientSampleId :
DBDW0DL

Tgt Ion:168 Resp: 144583

Ion	Ratio	Lower	Upper
168	100		
139	41.6	32.7	49.1

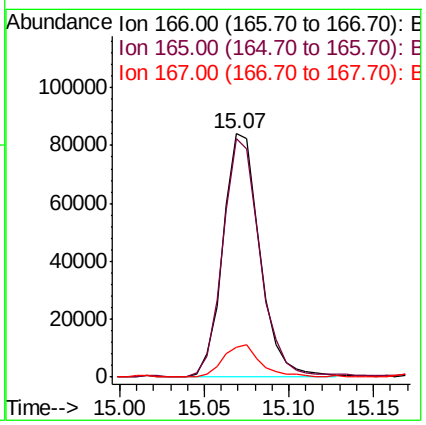


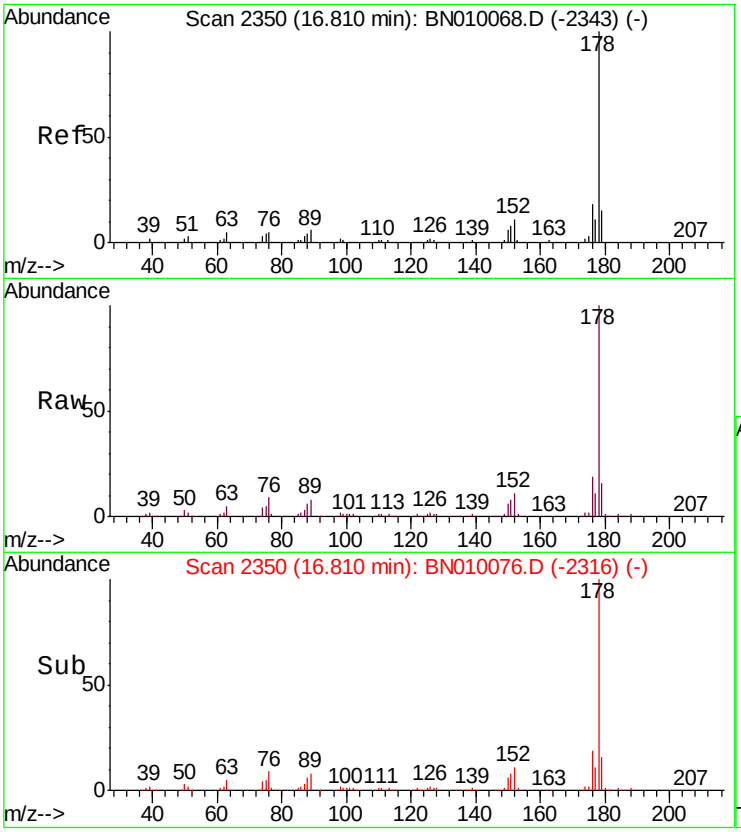


#59
Fluorene
Concen: 8.749 ng/ul
RT: 15.07 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Tgt Ion:166 Resp: 127978

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	12.2	10.7	16.1



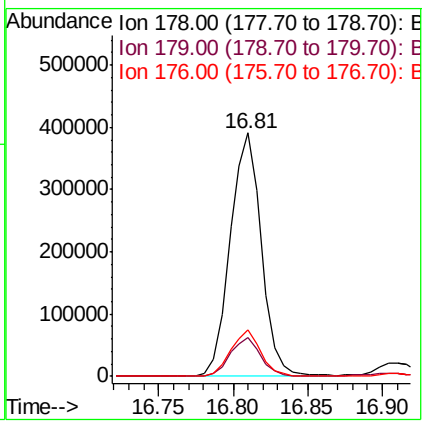


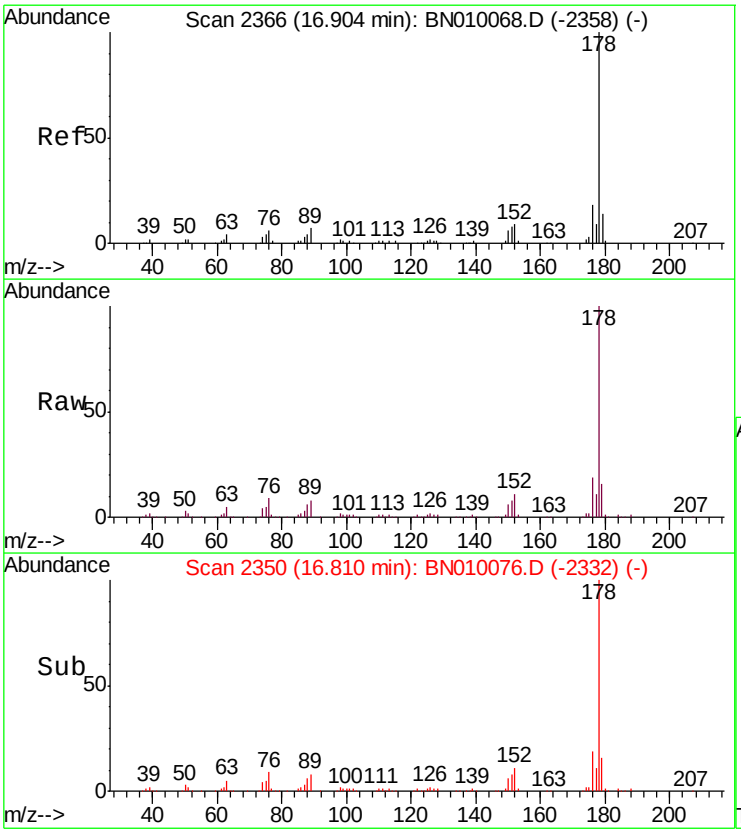
#70
Phenanthrene
Concen: 24.921 ng/ul
RT: 16.81 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Instrument :
BNA_N
ClientSampleId :
DBDW0DL

Tgt Ion:178 Resp: 570124

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	19.2	14.6	22.0

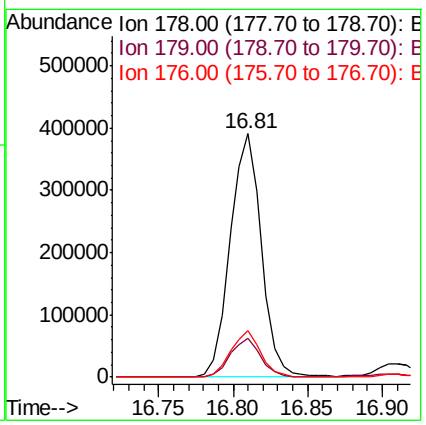


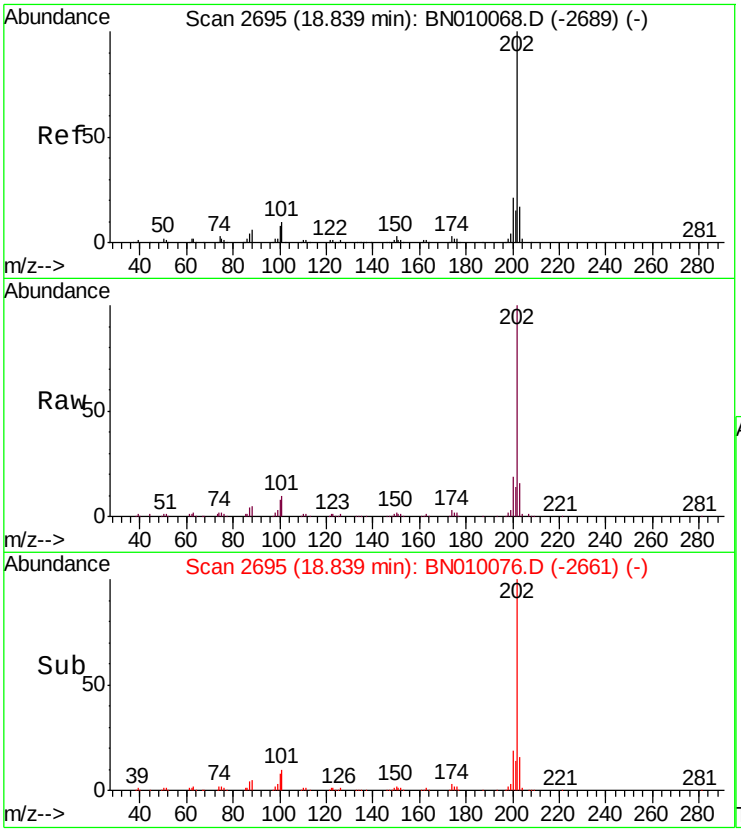


#72
Anthracene
Concen: 24.378 ng/ul
RT: 16.81 min Scan# 2350
Delta R.T. -0.09 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Tgt Ion:178 Resp: 570124

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.2
176	19.2	14.6	21.8



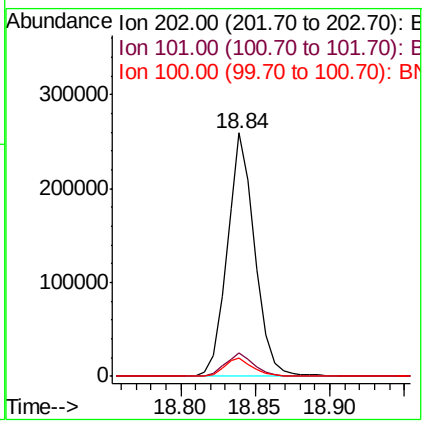


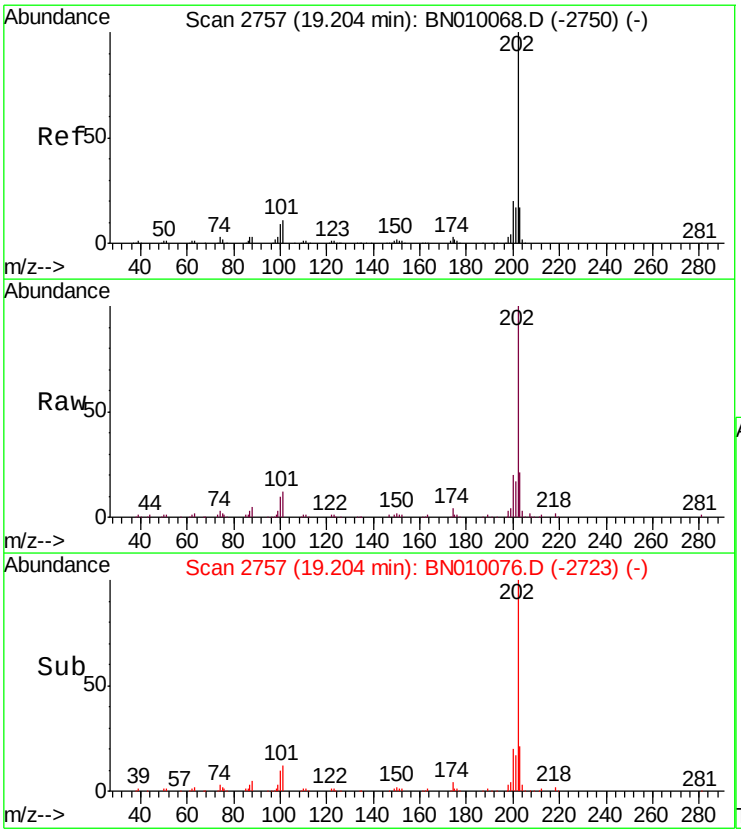
#77
Fluoranthene
Concen: 12.470 ng/ul
RT: 18.84 min Scan# 2695
Delta R.T. 0.00 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Instrument :
BNA_N
ClientSampleId :
DBDW0DL

Tgt Ion:202 Resp: 334169

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.4	14.2
100	7.6	7.2	10.8

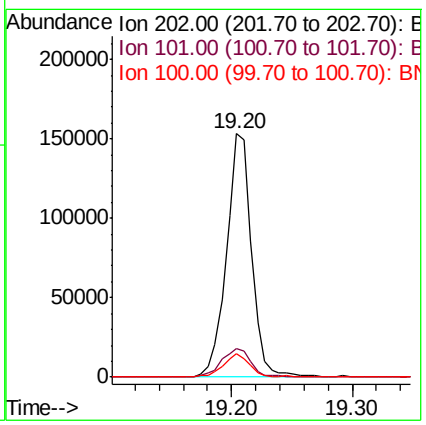


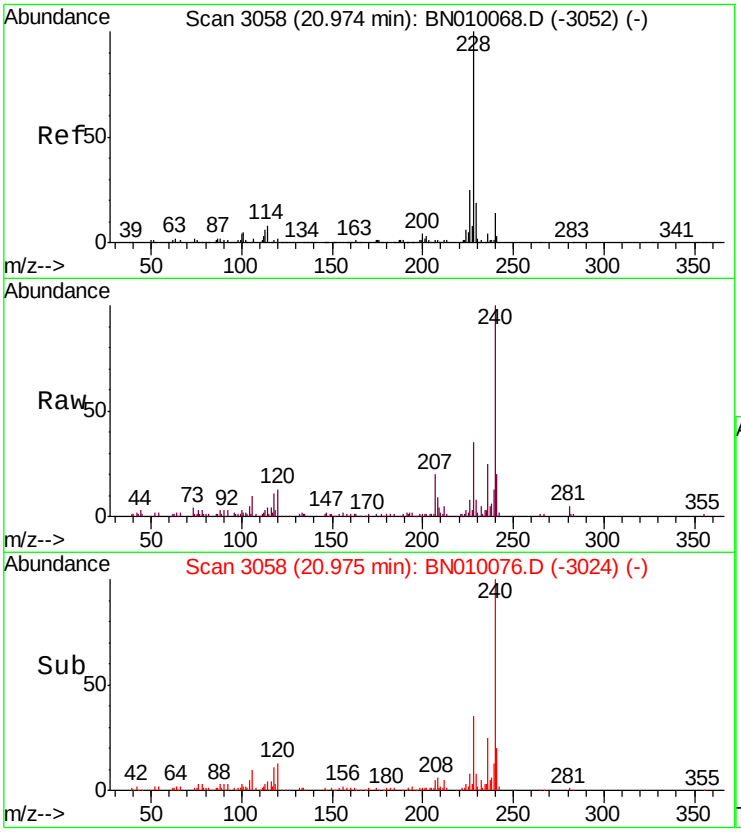


#80
Pyrene
Concen: 7.954 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. 0.00 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Tgt Ion:202 Resp: 222222

Ion	Ratio	Lower	Upper
202	100		
101	11.6	11.3	16.9
100	9.7	9.0	13.6



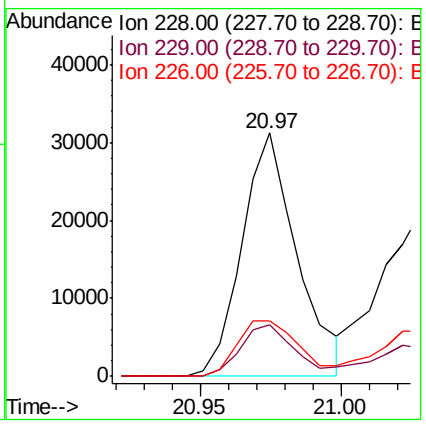


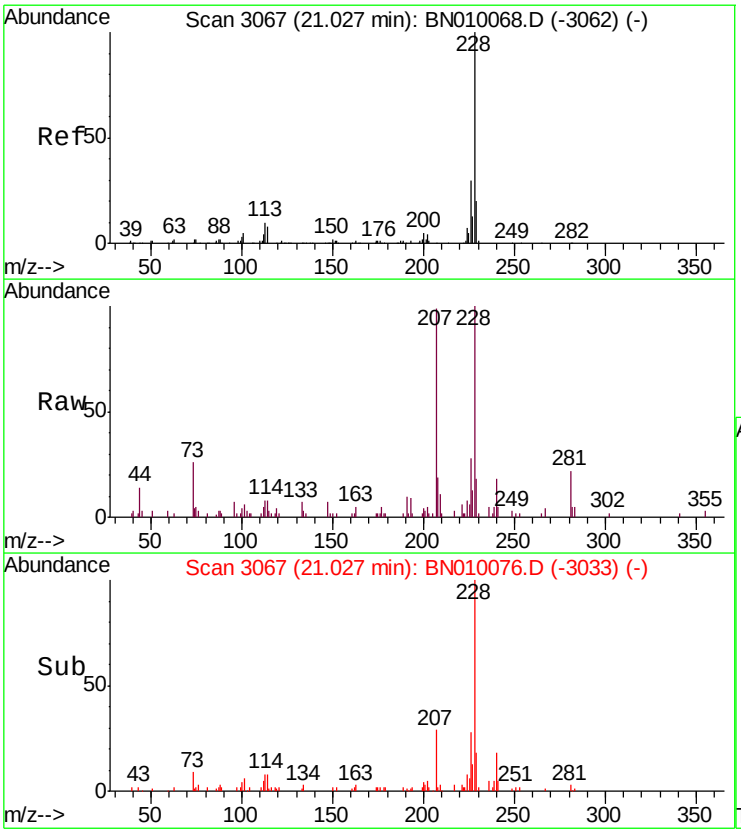
#83
Benzo(a)anthracene
Concen: 1.589 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. 0.00 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Instrument :
BNA_N
ClientSampleId :
DBDW0DL

Tgt Ion:228 Resp: 42311

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.0	22.4
226	22.9	21.4	32.2





#85
Chrysene
Concen: 1.280 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Tgt Ion:228 Resp: 33556

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	18.4	15.0	22.4