Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010024.D
Acq On : 29 Feb 2020 14:49
Operator : CG/JU
Sample : L1615-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDM7

Manual Integrations APPROVED
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Quant Time: Mar 02 06:56:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	87437	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	381088	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	239175	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	493752	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	448953	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	482929	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	5301	2.49	ng/uL	0.00
5) Phenol-d5	6.59	99	120702	16.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	88840	17.31	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	97405	17.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	88496	14.96	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	46139	16.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	52079	17.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	95398	16.27	ng/ul	0.01
29) 4-Chloroaniline-d4	10.29	131	99646	15.13	ng/ul	0.01
44) Dimethylphthalate-d6	13.45	166	329082	18.42	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	378306	17.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	39303m	12.05	ng/ul	0.02
58) Fluorene-d10	15.02	176	283125	18.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	30463	9.93	ng/ul	0.01
71) Anthracene-d10	16.87	188	447328	19.76	ng/ul	0.00
79) Pyrene-d10	19.19	212	528445	22.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	518917	21.52	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	11.81	142	18930	1.327	ng/ul	86
45) Dimethylphthalate	13.49	163	26730	1.434	ng/ul#	96
50) Acenaphthene	14.08	153	68863	4.411	ng/ul	95
54) Dibenzofuran	14.43	168	81454	3.717	ng/ul	99
59) Fluorene	15.08	166	95276	5.181	ng/ul	96
70) Phenanthrene	16.82	178	544944	19.339	ng/ul	99
72) Anthracene	16.91	178	144428	5.014	ng/ul	99
77) Fluoranthene	18.85	202	318949	9.663	ng/ul	98
80) Pyrene	19.22	202	225440	6.965	ng/ul	97
83) Benzo(a)anthracene	20.98	228	50966	1.652	ng/ul	99
85) Chrysene	21.03	228	51051	1.681	ng/ul	98

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

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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_N
ClientSampleId :
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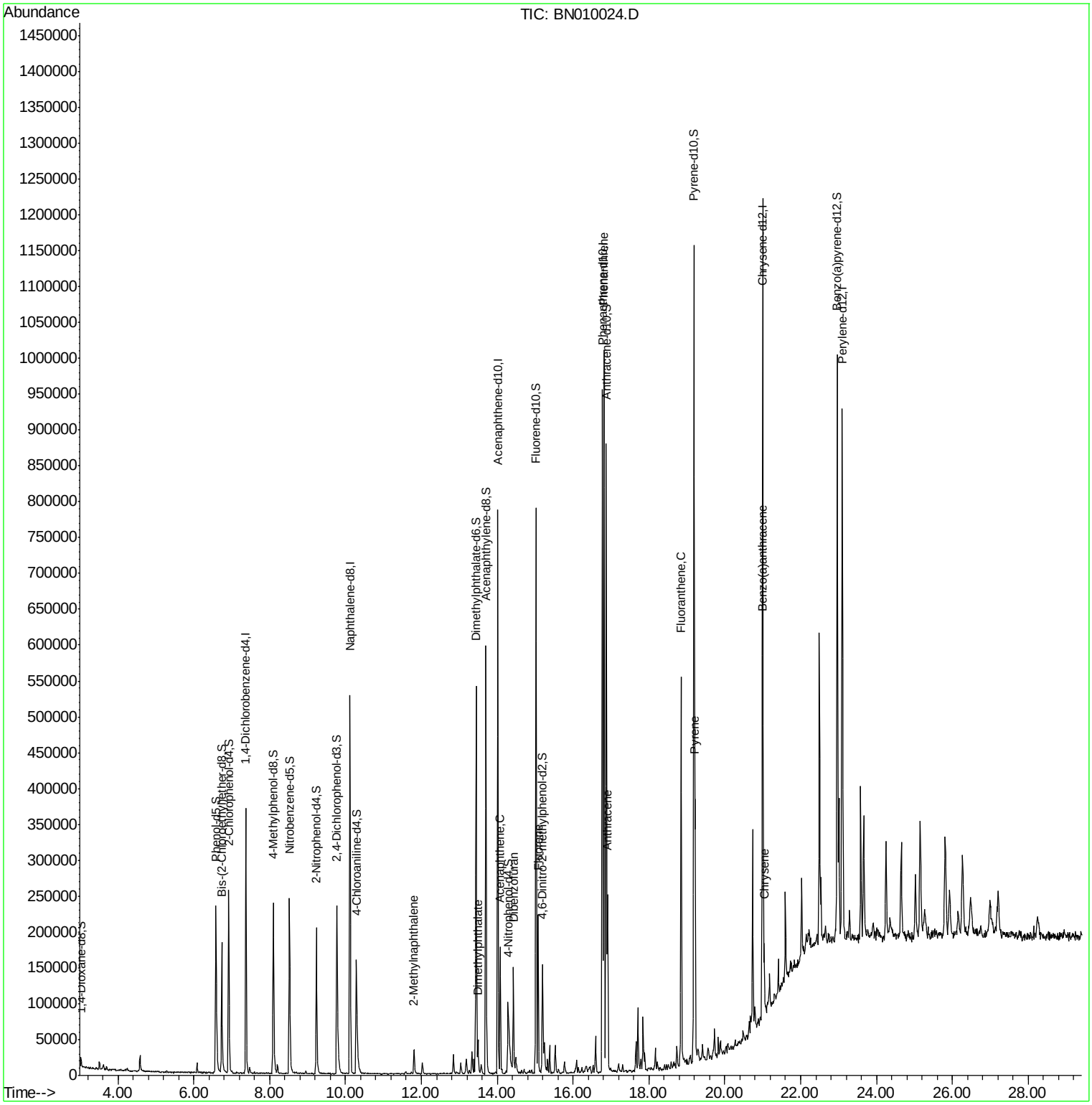

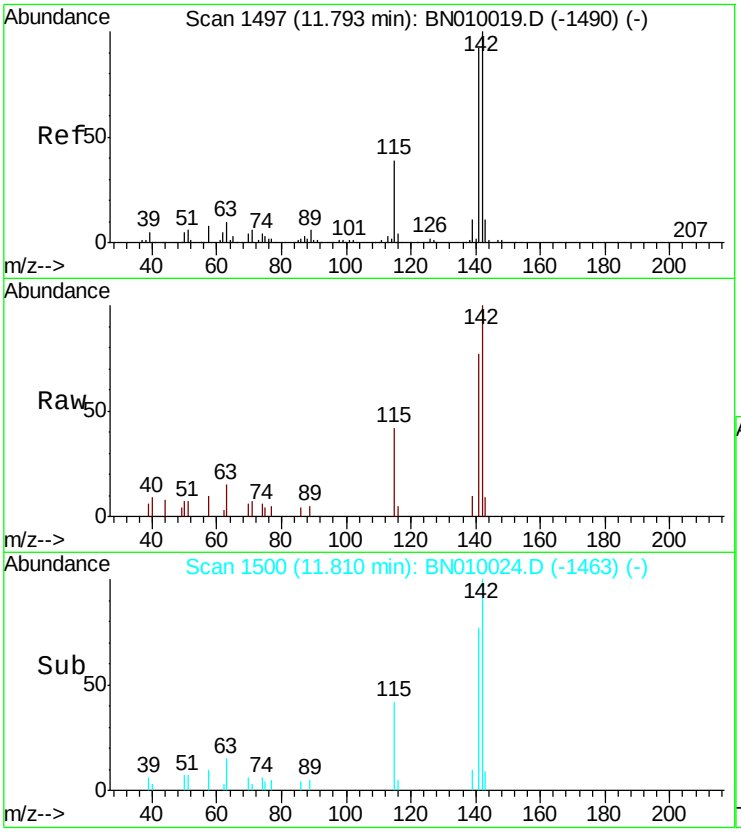

#34
2-Methylnaphthalene
Concen: 1.327 ng/ul
RT: 11.81 min Scan# 1500
Delta R.T. 0.02 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

Tgt Ion:142 Resp: 18930

Ion	Ratio	Lower	Upper
142	100		
141	76.9	72.1	108.1

Instrument :
BNA_N
ClientSampleId :
DBDM7

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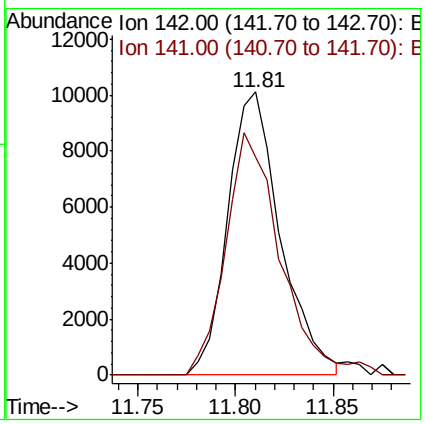
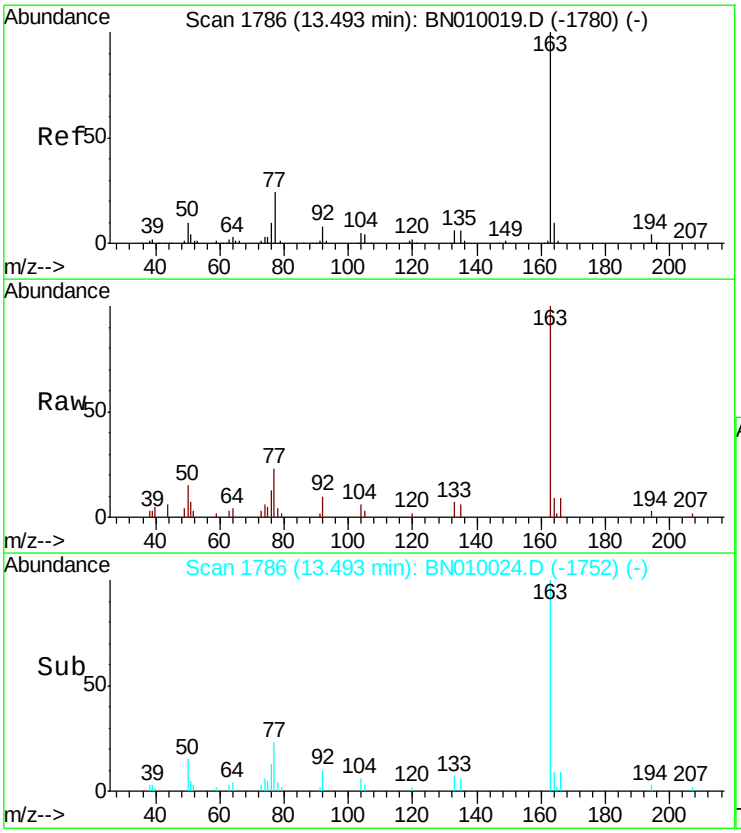
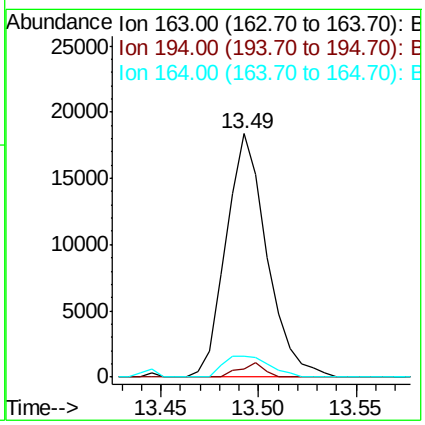


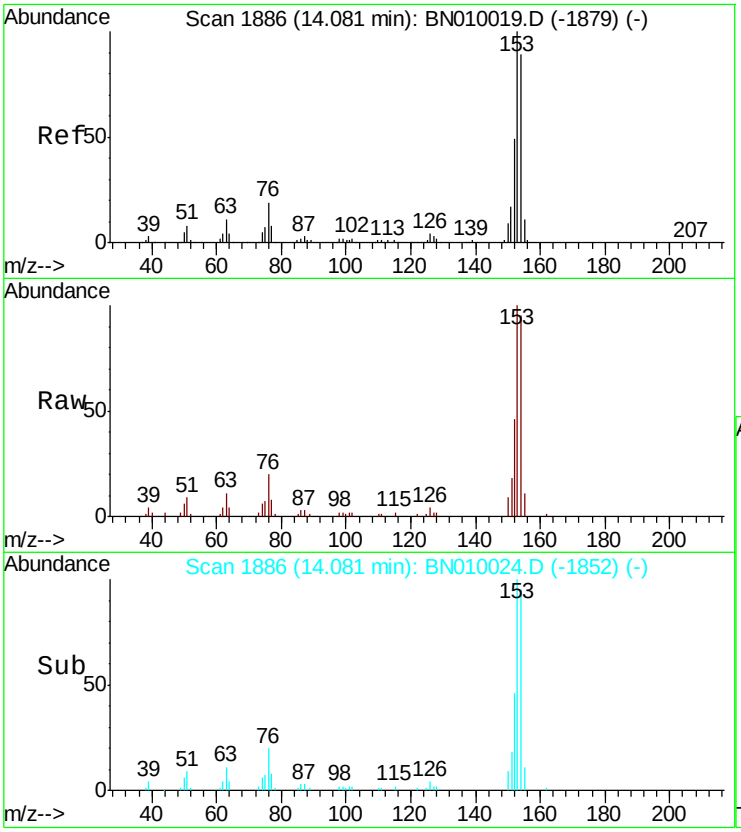


#45
Dimethylphthalate
Concen: 1.434 ng/ul
RT: 13.49 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

Tgt Ion:163 Resp: 26730

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.4	5.0#
164	8.6	8.0	12.0





#50
Acenaphthene
Concen: 4.411 ng/ul
RT: 14.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

Tgt Ion:153 Resp: 68863

Ion	Ratio	Lower	Upper
153	100		
152	46.2	36.6	54.8
154	94.5	70.6	106.0

Instrument :
BNA_N
ClientSampleId :
DBDM7

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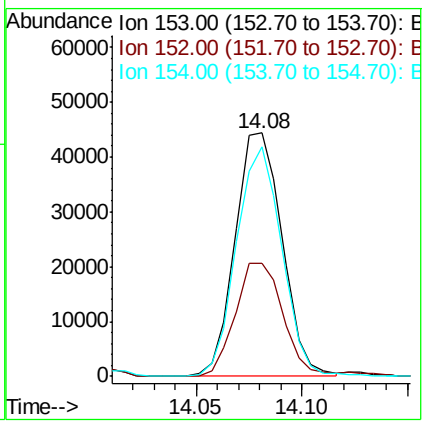
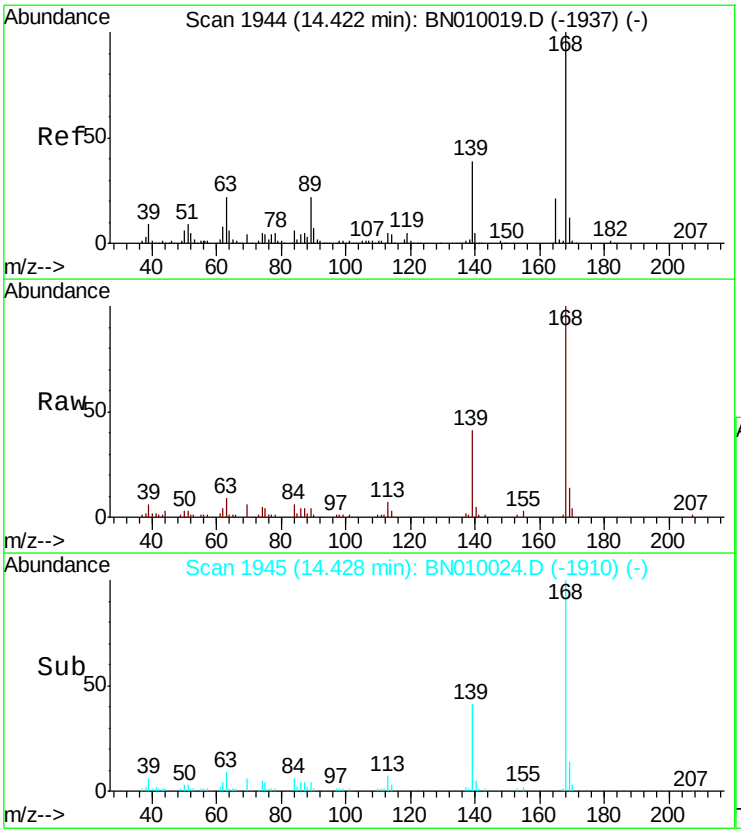
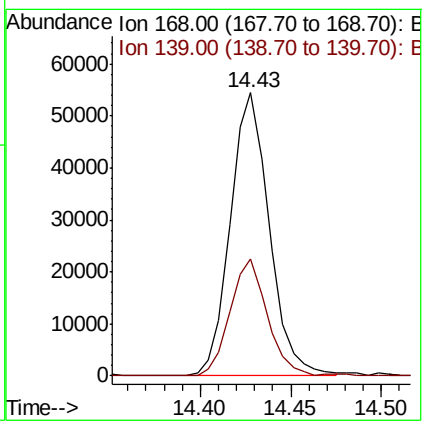


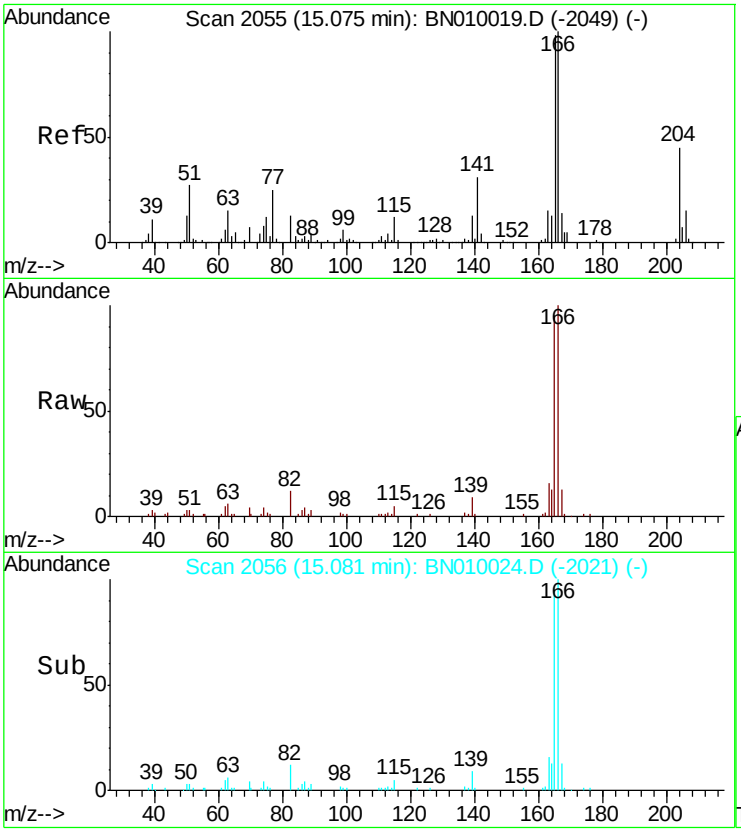


#54
Dibenzofuran
Concen: 3.717 ng/ul
RT: 14.43 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

Tgt Ion:168 Resp: 81454

Ion	Ratio	Lower	Upper
168	100		
139	41.5	32.7	49.1





#59
Fluorene
Concen: 5.181 ng/ul
RT: 15.08 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

Tgt Ion:166 Resp: 95276

Ion	Ratio	Lower	Upper
166	100		
165	94.7	79.8	119.8
167	13.5	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
DBDM7

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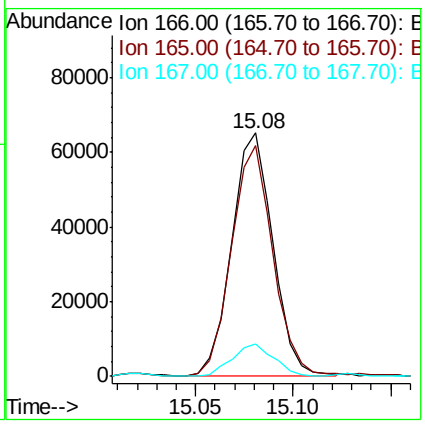
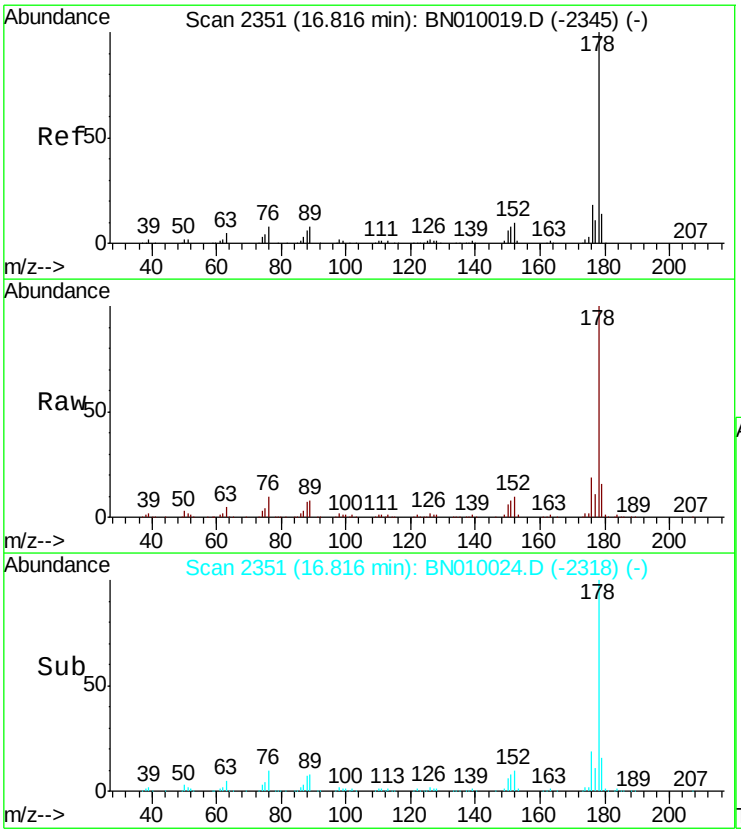
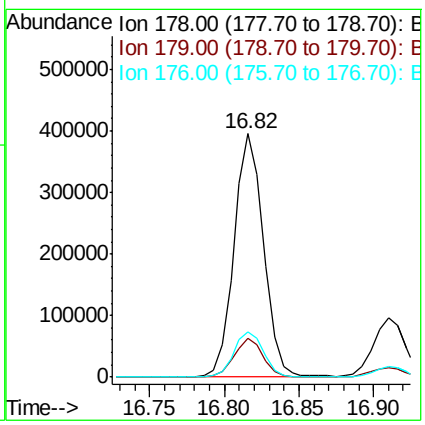


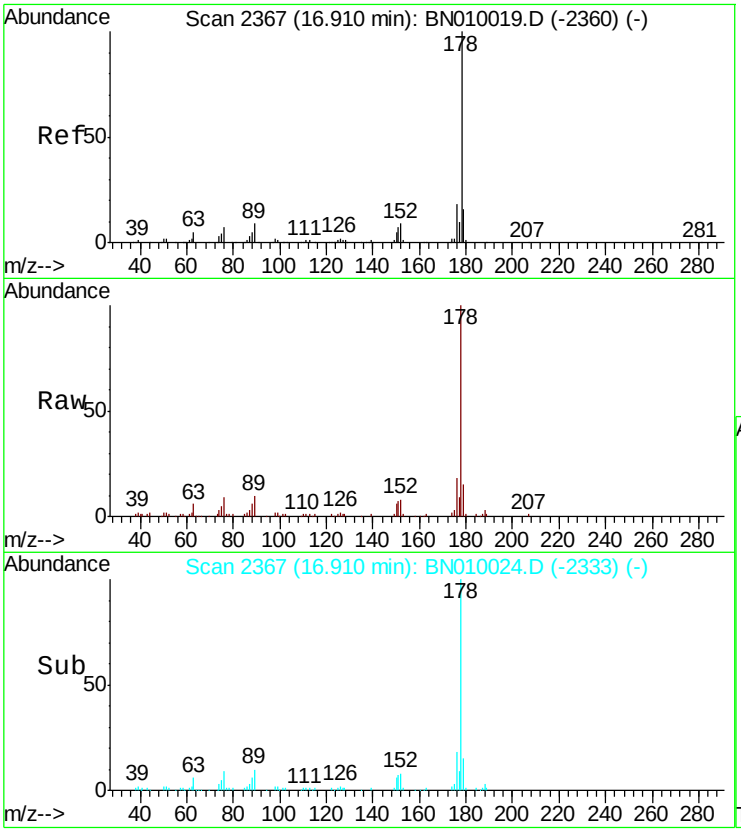


#70
Phenanthrene
Concen: 19.339 ng/ul
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

Tgt Ion:178 Resp: 544944

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	18.6	14.6	22.0





#72
Anthracene
Concen: 5.014 ng/ul
RT: 16.91 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

Tgt Ion:178 Resp: 144428

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	17.5	14.6	21.8

Instrument :
BNA_N
ClientSampleId :
DBDM7

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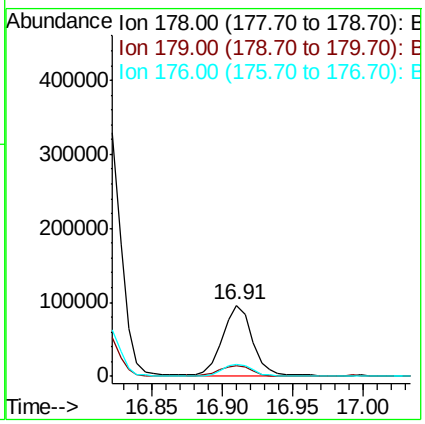
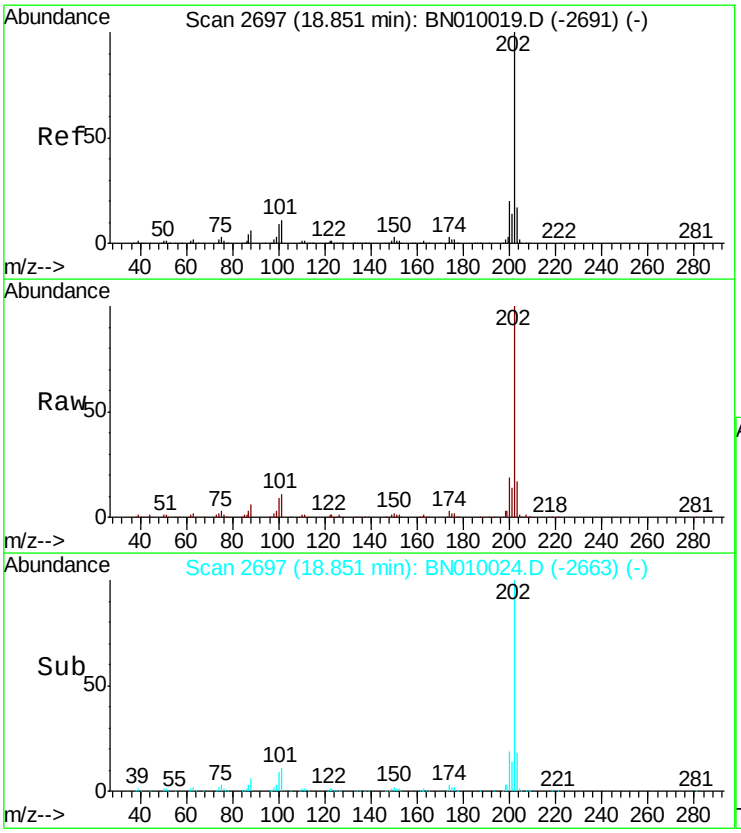
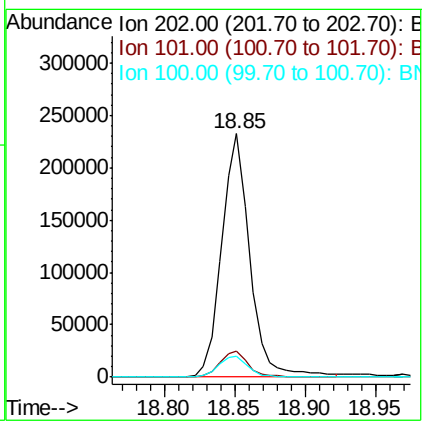


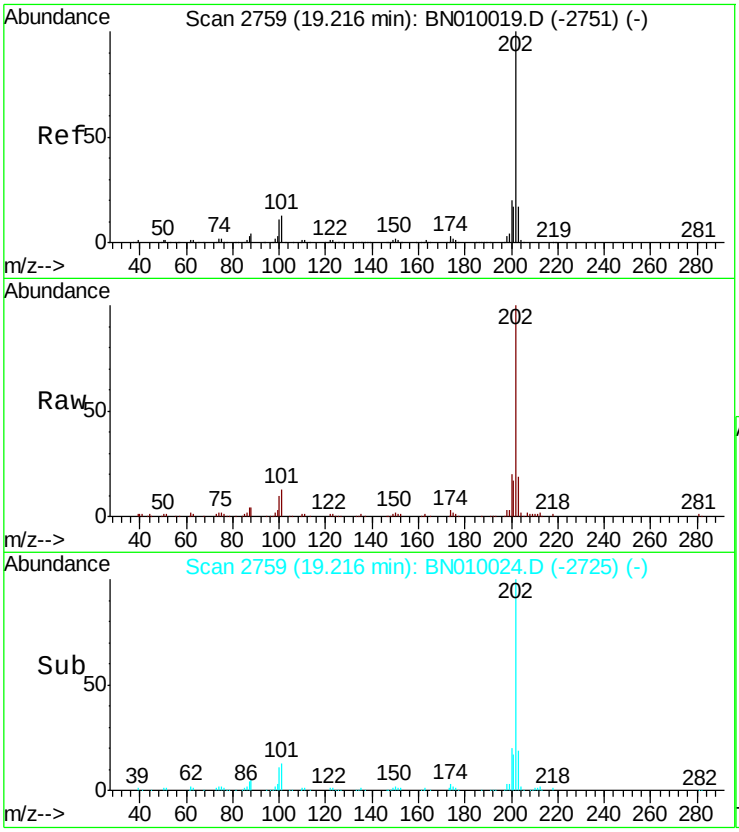


#77
Fluoranthene
Concen: 9.663 ng/ul
RT: 18.85 min Scan# 2697
Delta R.T. 0.00 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

Tgt Ion:202 Resp: 318949

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.4	14.2
100	8.7	7.2	10.8





#80
Pyrene
Concen: 6.965 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. 0.00 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

Tgt Ion:202 Resp: 225440

Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.3	16.9
100	10.4	9.0	13.6

Instrument :
BNA_N
ClientSampleId :
DBDM7

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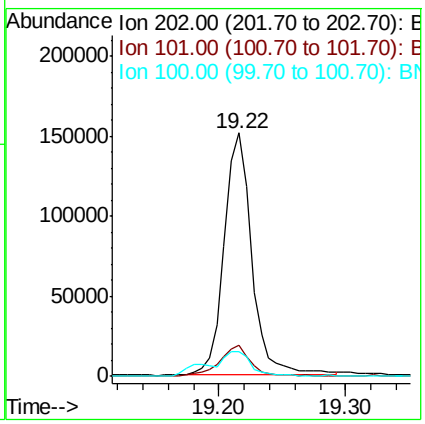
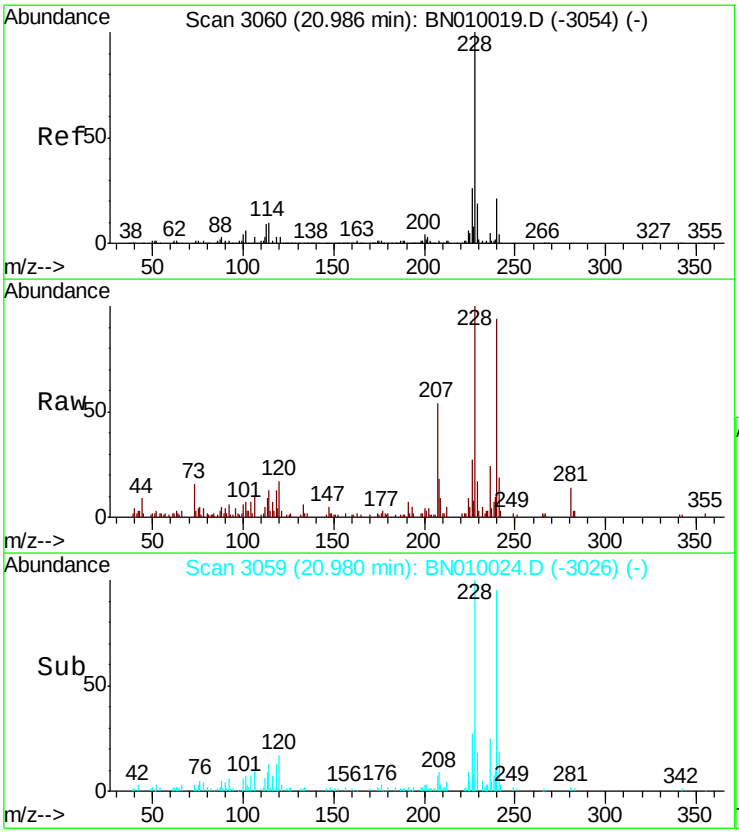
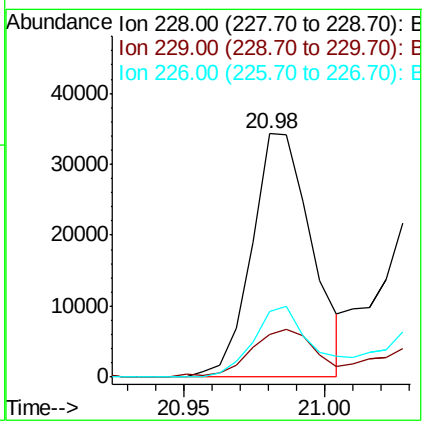


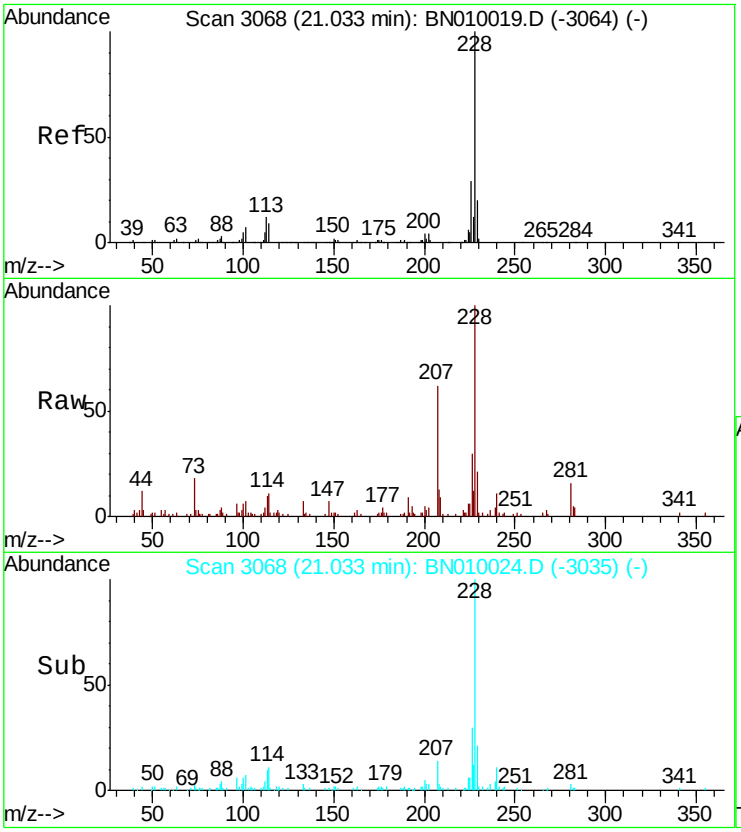


#83
Benzo(a)anthracene
Concen: 1.652 ng/ul
RT: 20.98 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

Tgt Ion:228 Resp: 50966

Ion	Ratio	Lower	Upper
228	100		
229	17.3	15.0	22.4
226	26.9	21.4	32.2





#85
Chrysene
Concen: 1.681 ng/ul
RT: 21.03 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

Tgt Ion:228 Resp: 51051

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	20.7	15.0	22.4

Instrument :
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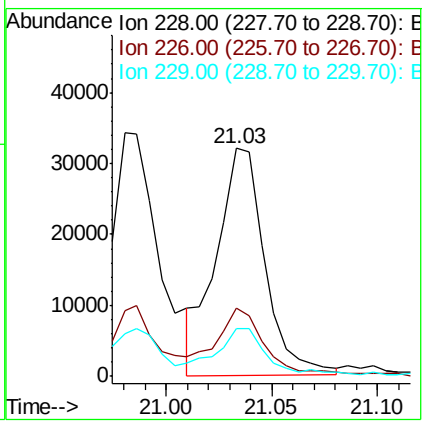
ClientSampleId :
DBDM7

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