Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031521\
Data File : BN013943.D
Acq On : 15 Mar 2021 16:28
Operator : CG/JU
Sample : M1344-01
Misc : SFAMSIM-MDL-W-01
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations APPROVED
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Quant Time: Mar 15 17:00:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN031221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 13:33:49 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4267	0.40	ng/ul	0.00
4) Naphthalene-d8	10.49	136	14186	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.35	164	6941	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.09	188	14780	0.40	ng/ul	0.00
17) Chrysene-d12	21.27	240	11394	0.40	ng/ul	0.00
23) Perylene-d12	23.50	264	10128	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	2454	0.54	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.09	152	5863	0.29	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	10929	0.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	309	0.065	ng/ul#	69
5) Naphthalene	10.54	128	2923	0.071	ng/ul	95
7) 2-Methylnaphthalene	12.16	142	1854	0.069	ng/ul	100
8) 1-Methylnaphthalene	12.38	142	1738	0.067	ng/ul	99
10) Acenaphthylene	14.07	152	1992	0.064	ng/ul	95
11) Acenaphthene	14.41	153	1836	0.071	ng/ul	98
12) Fluorene	15.40	166	1959	0.068	ng/ul	99
14) Pentachlorophenol	16.75	266	182	0.072	ng/ul	98
15) Phenanthrene	17.14	178	3386	0.069	ng/ul	94
16) Anthracene	17.23	178	2593	0.064	ng/ul#	95
19) Fluoranthene	19.15	202	3472	0.076	ng/ul	98
20) Pyrene	19.52	202	3501	0.074	ng/ul	98
21) Benzo(a)anthracene	21.26	228	2596	0.064	ng/ul	96
22) Chrysene	21.31	228	3199	0.071	ng/ul	98
24) Benzo(b)fluoranthene	22.83	252	3333m	0.070	ng/ul	
25) Benzo(k)fluoranthene	22.88	252	3386	0.071	ng/ul#	74
26) Benzo(a)pyrene	23.40	252	2787	0.073	ng/ul#	38
27) Indeno(1,2,3-cd)pyrene	25.74	276	3600	0.071	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.75	278	2793	0.068	ng/ul#	84
29) Benzo(g,h,i)perylene	26.42	276	3182	0.070	ng/ul	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031521\
Data File : BN013943.D
Acq On : 15 Mar 2021 16:28
Operator : CG/JU
Sample : M1344-01
Misc : SFAMSIM-MDL-W-01
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 15 17:00:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN031221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 13:33:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-03

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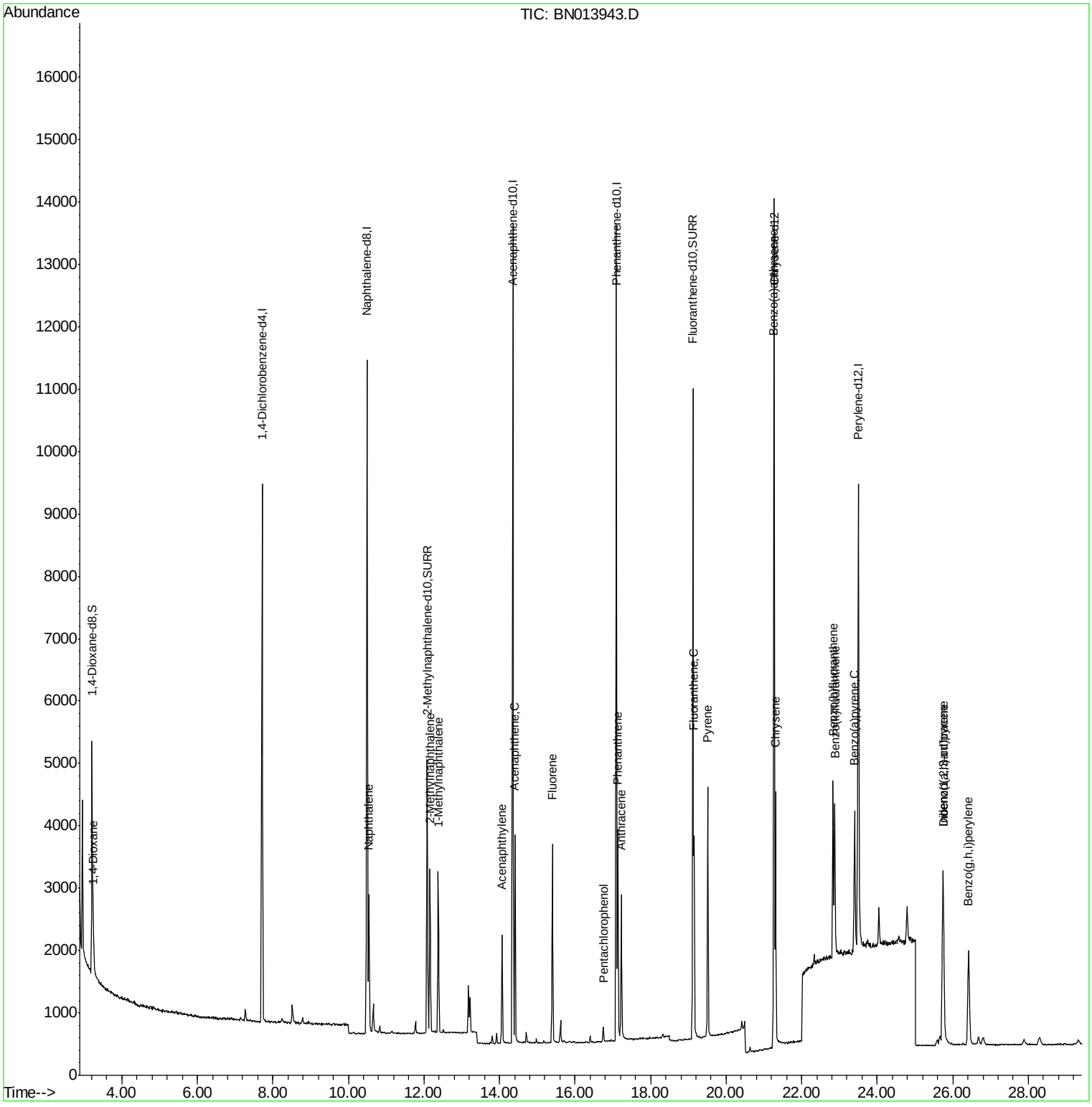

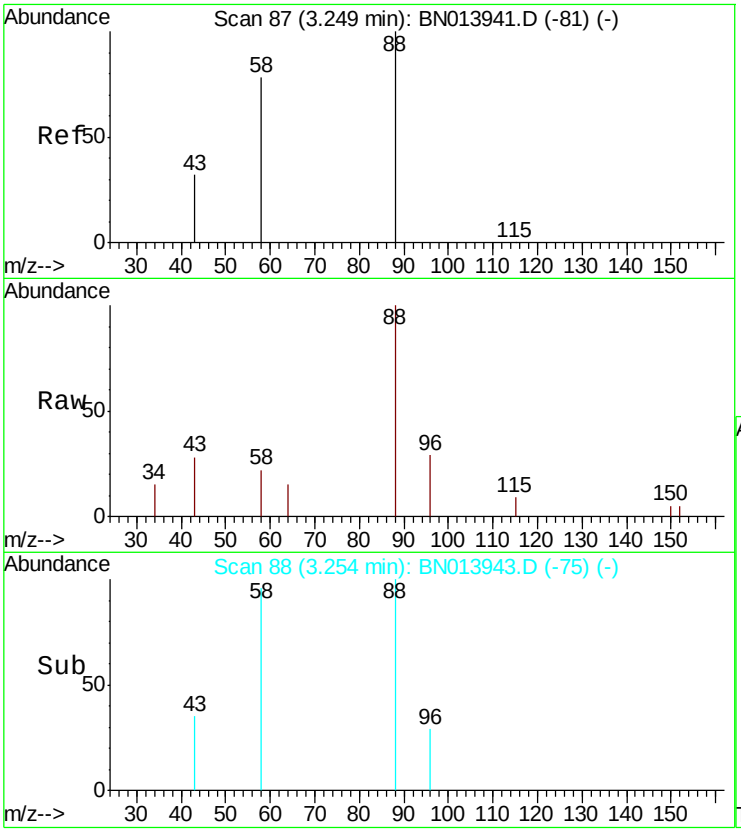

#2
1,4-Dioxane
Concen: 0.065 ng/ul
RT: 3.25 min Scan# 88
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion: 88 Resp: 309

Ion	Ratio	Lower	Upper
88	100		
43	28.1	28.5	42.7#
58	22.4	42.5	63.7#

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations APPROVED
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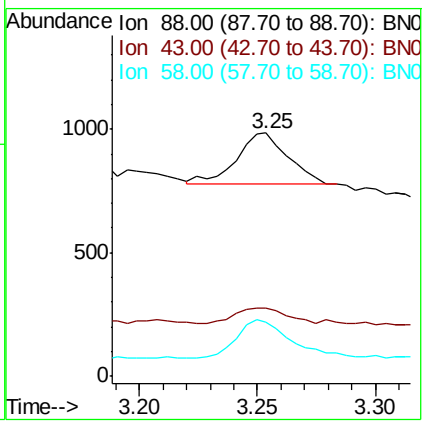
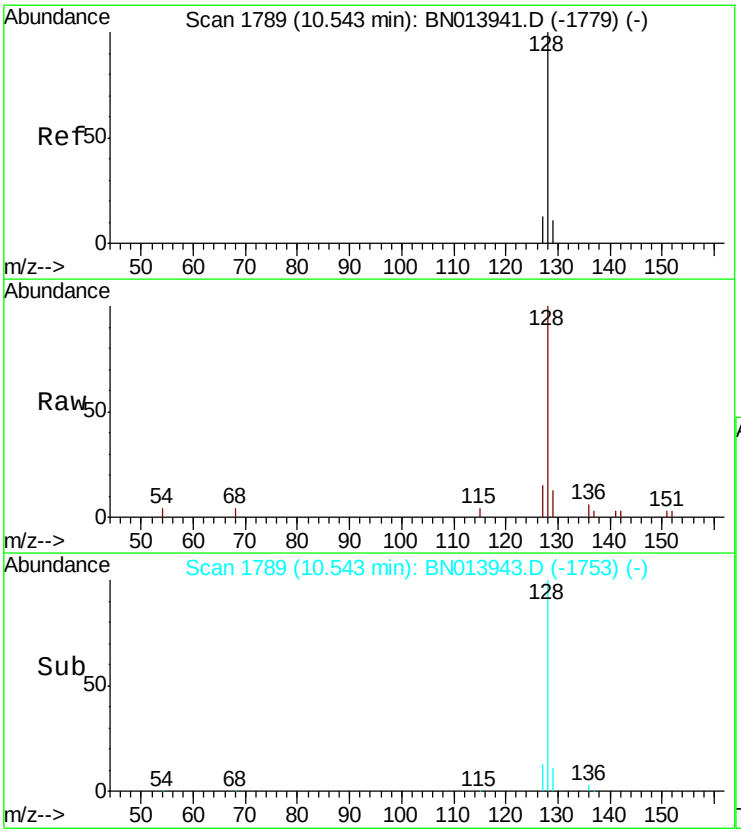
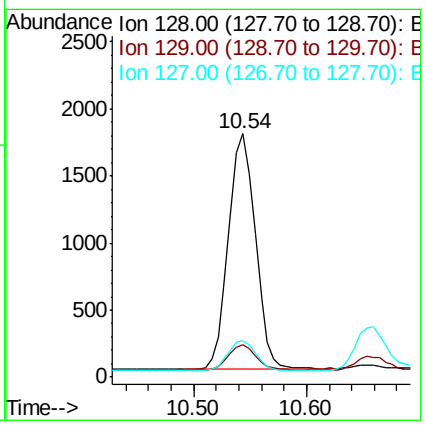


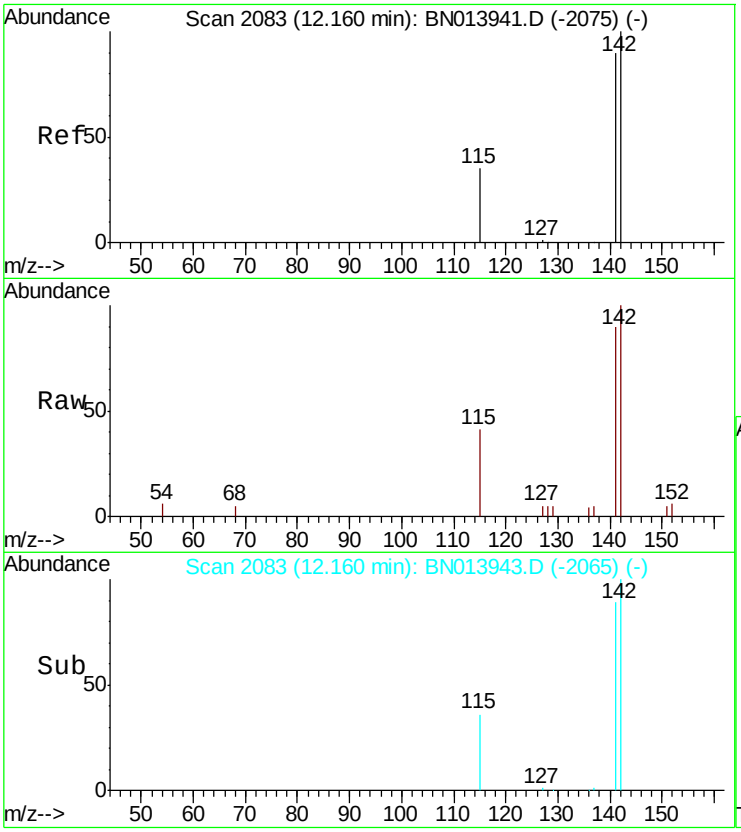


#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.54 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:128 Resp: 2923

Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.2	13.8
127	15.0	10.7	16.1

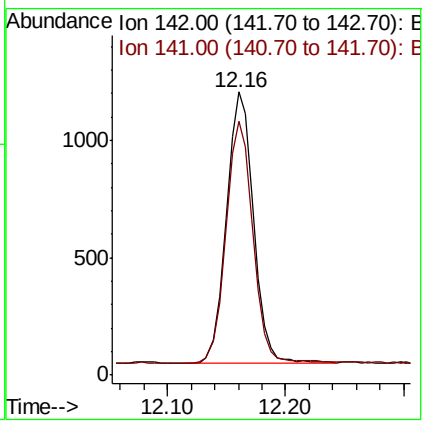




#7
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.16 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:142 Resp: 1854

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.2	106.8



Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-03

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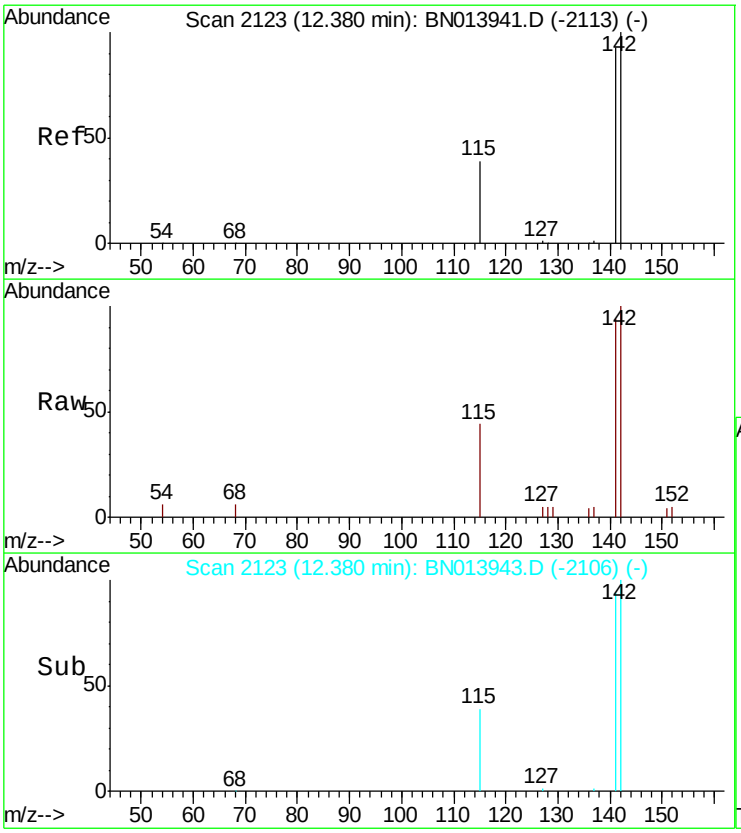
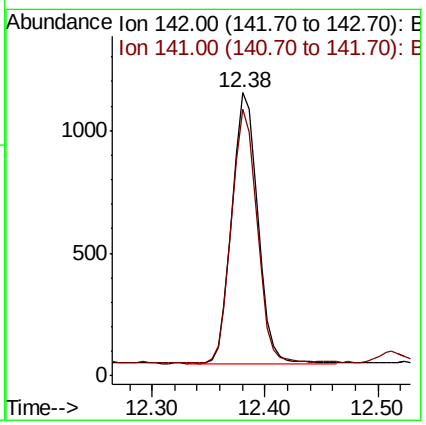
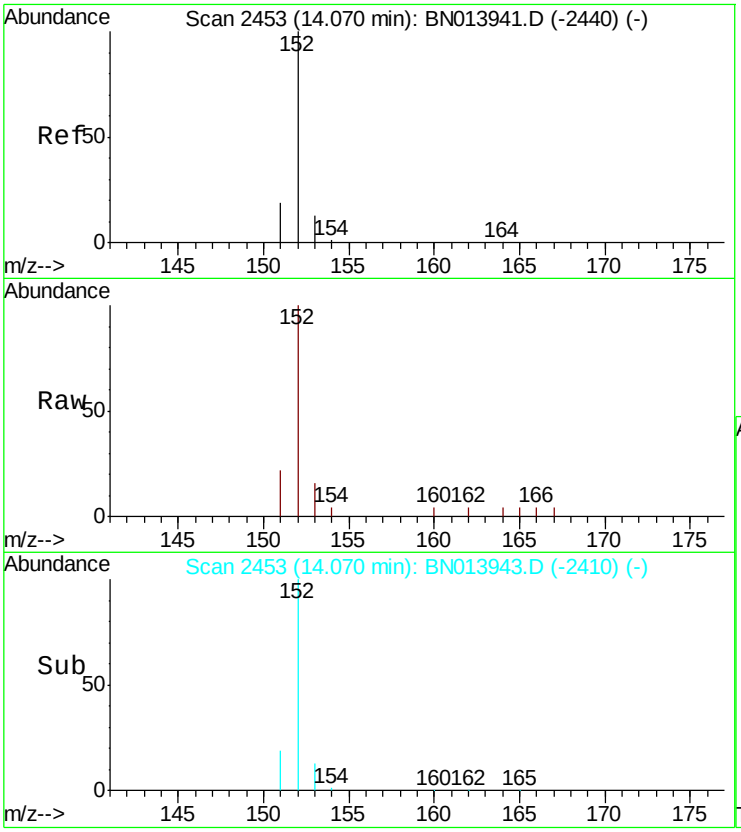


#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.38 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:142 Resp: 1738

Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.5	110.3

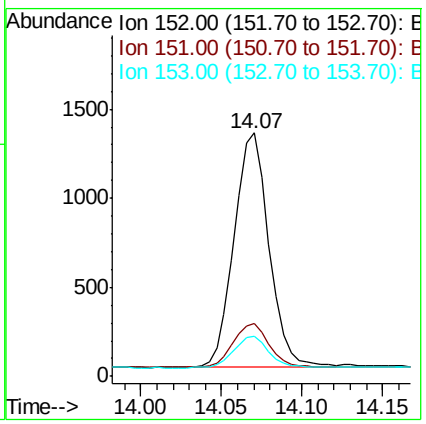




#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.07 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:152 Resp: 1992

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.9	23.9
153	16.3	10.9	16.3



Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-03

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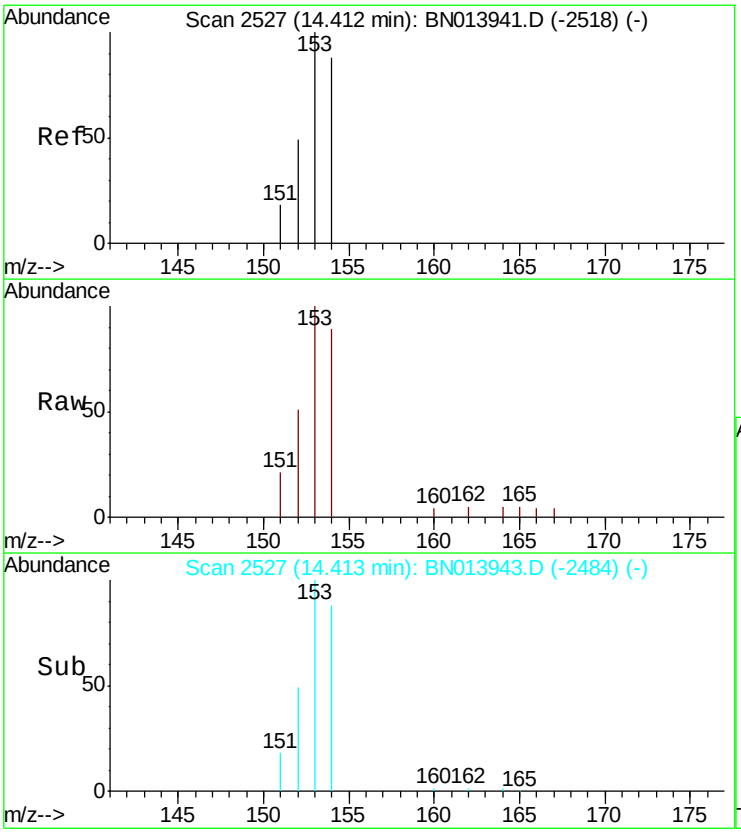
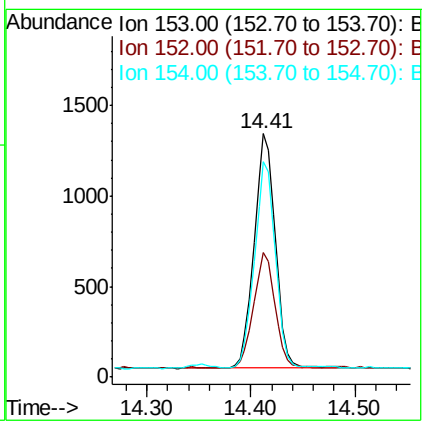
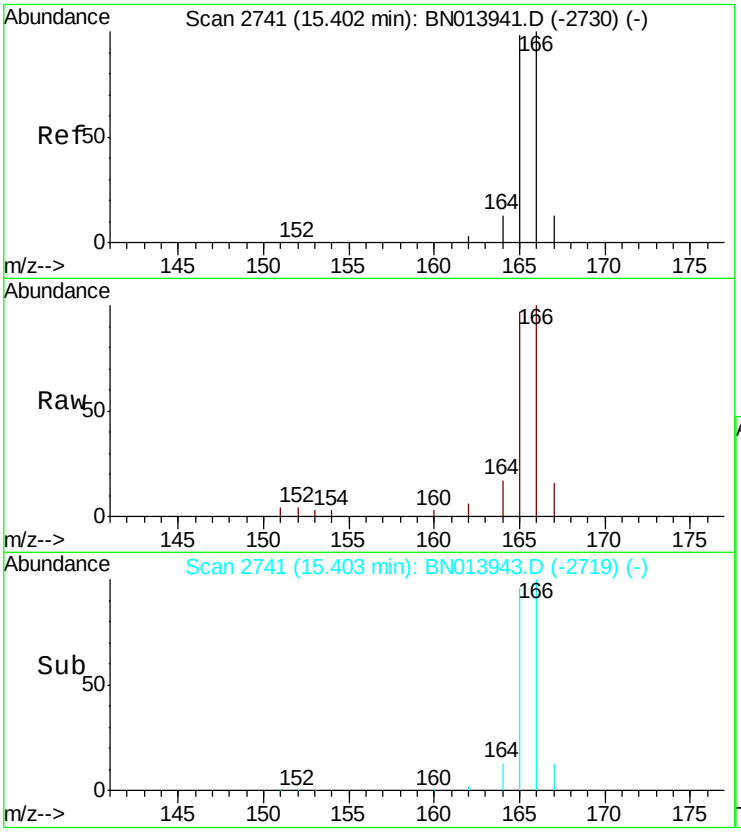


#11
Acenaphthene
Concen: 0.071 ng/ul
RT: 14.41 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:153 Resp: 1836

Ion	Ratio	Lower	Upper
153	100		
152	51.3	40.5	60.7
154	88.5	69.3	103.9

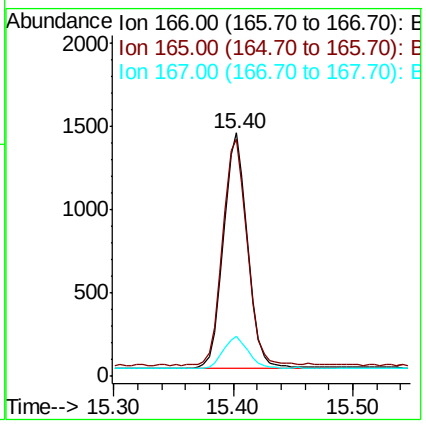




#12
Fluorene
Concen: 0.068 ng/ul
RT: 15.40 min Scan# 2741
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:166 Resp: 1959

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.4	117.6
167	16.2	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-03

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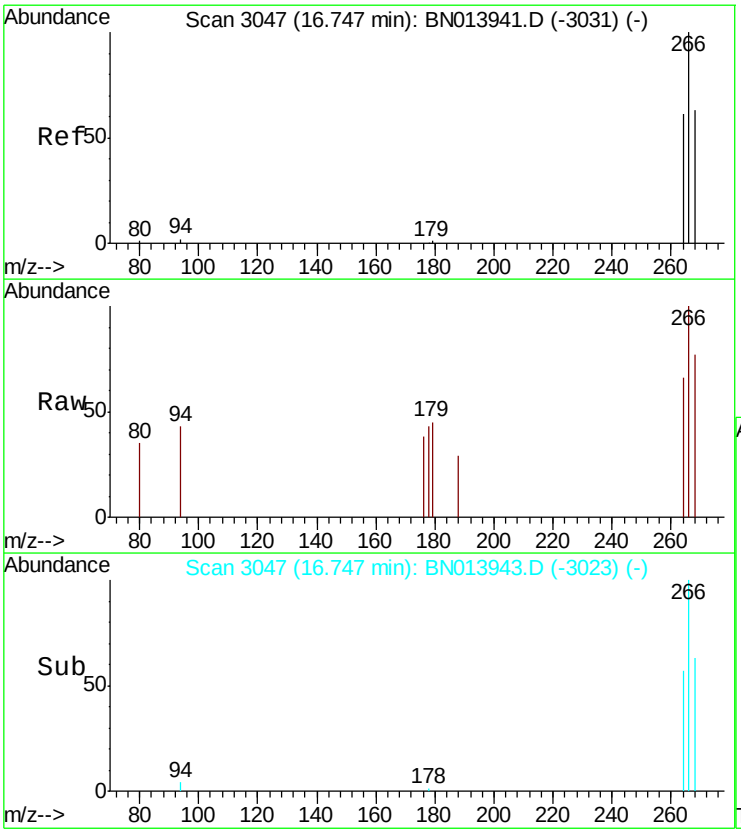
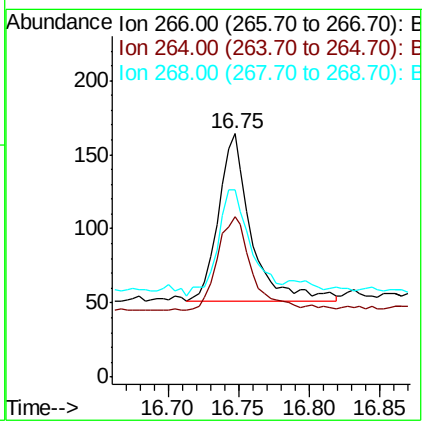
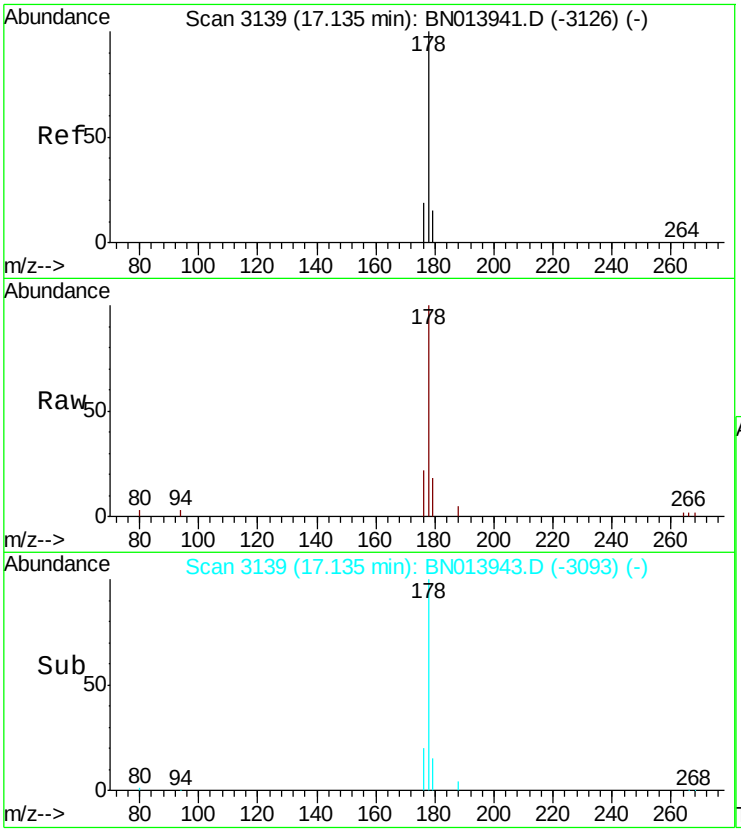


#14
Pentachlorophenol
Concen: 0.072 ng/ul
RT: 16.75 min Scan# 3047
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:266 Resp: 182

Ion	Ratio	Lower	Upper
266	100		
264	59.9	49.2	73.8
268	63.2	52.3	78.5

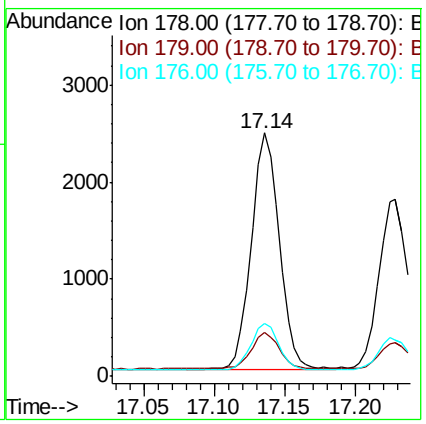




#15
Phenanthrene
Concen: 0.069 ng/ul
RT: 17.14 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:178 Resp: 3386

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.5	18.7
176	21.6	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
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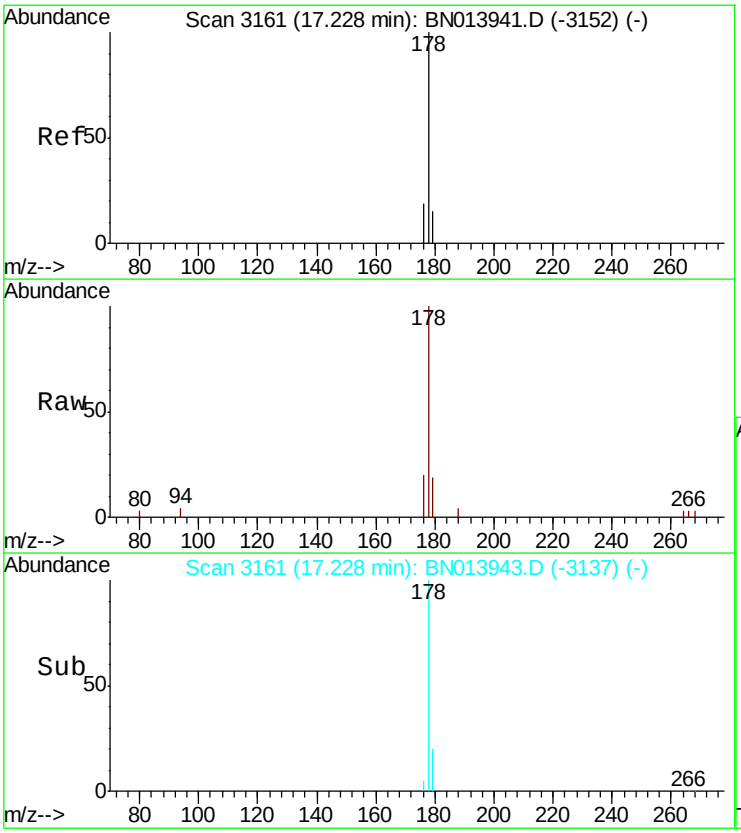
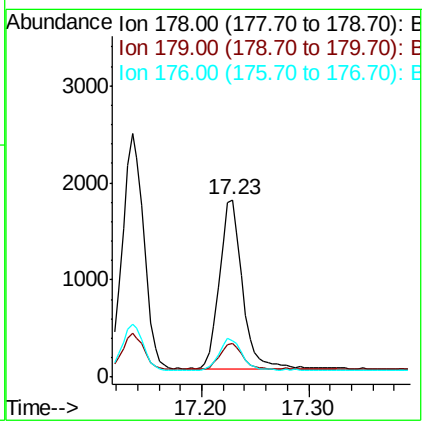
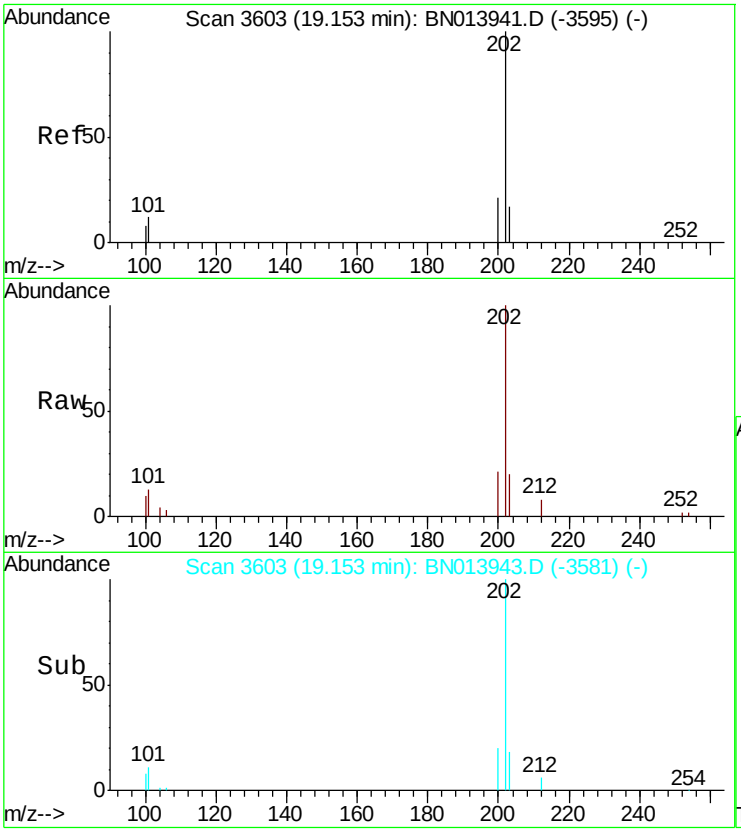


#16
Anthracene
Concen: 0.064 ng/ul
RT: 17.23 min Scan# 3161
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:178 Resp: 2593

Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.6	18.8#
176	20.3	15.4	23.0

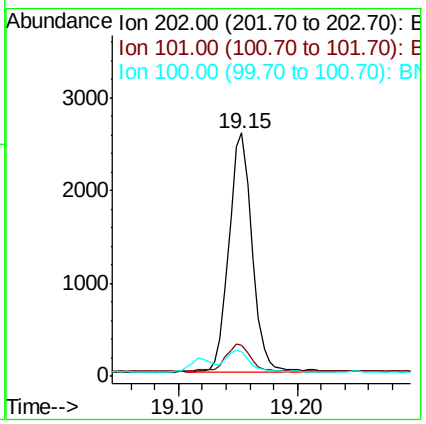




#19
Fluoranthene
Concen: 0.076 ng/ul
RT: 19.15 min Scan# 3603
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:202 Resp: 3472

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.7	14.5
100	10.2	7.4	11.2



Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations APPROVED
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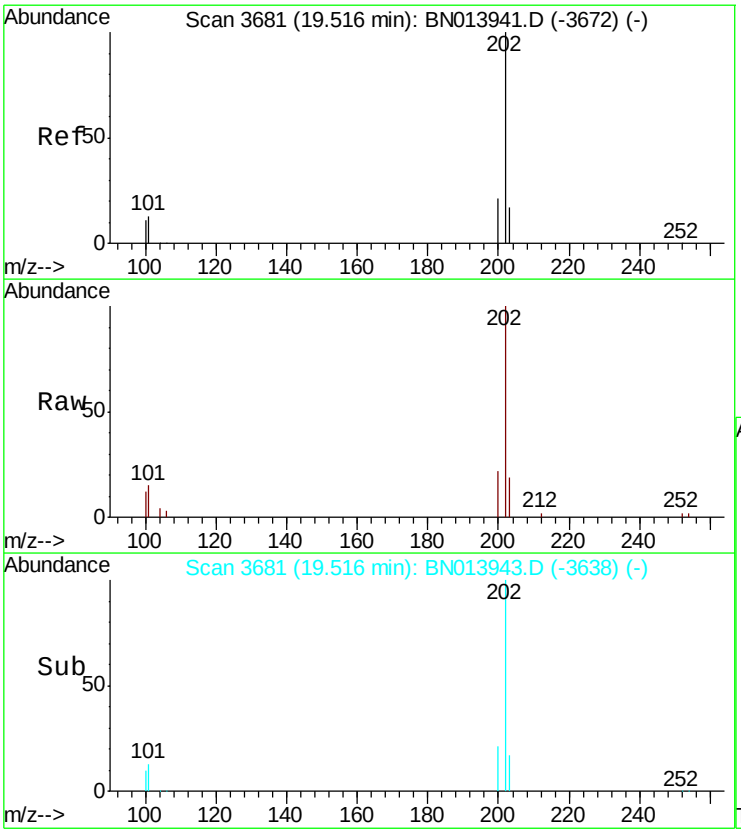
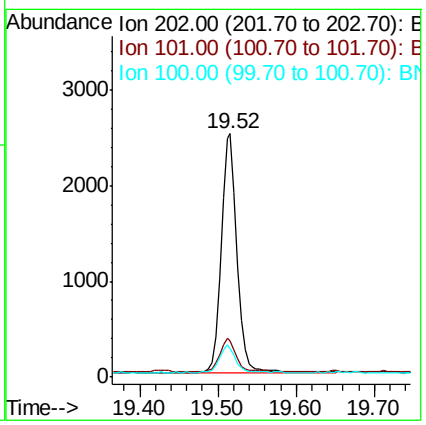
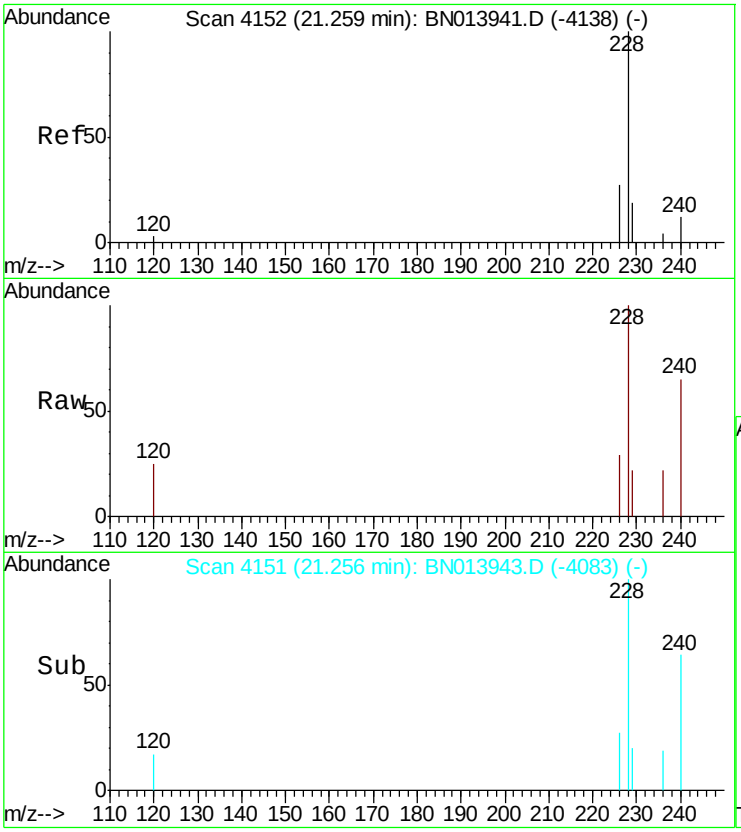


#20
Pyrene
Concen: 0.074 ng/ul
RT: 19.52 min Scan# 3681
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:202 Resp: 3501

Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.0	16.4
100	11.8	9.0	13.4

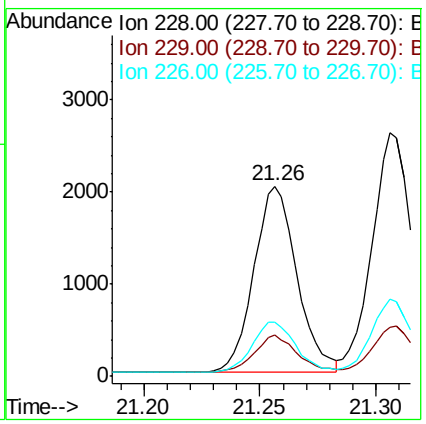




#21
Benzo(a)anthracene
Concen: 0.064 ng/ul
RT: 21.26 min Scan# 4151
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:228 Resp: 2596

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.5	23.3
226	28.5	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations APPROVED
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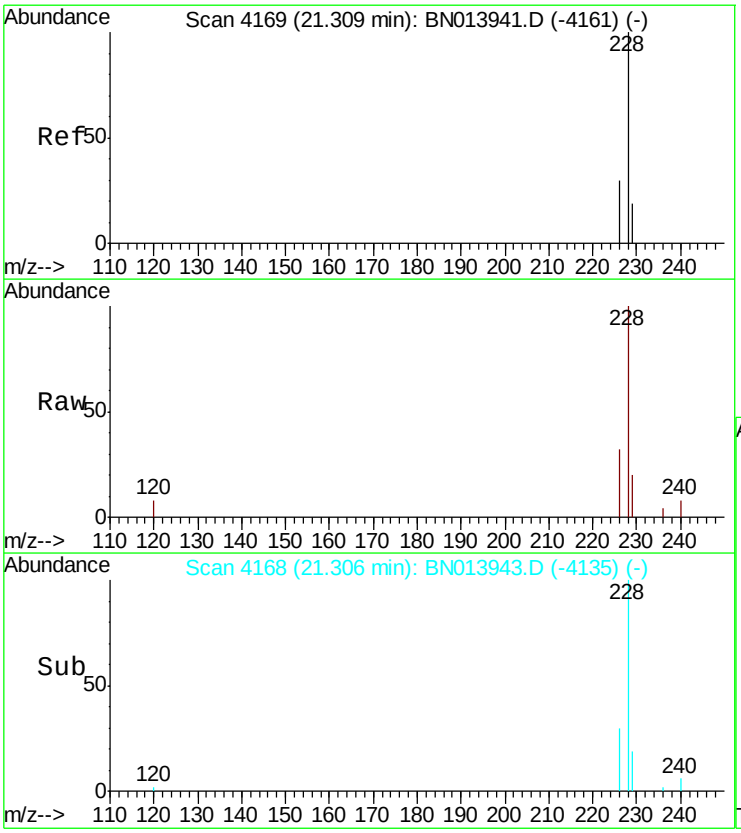
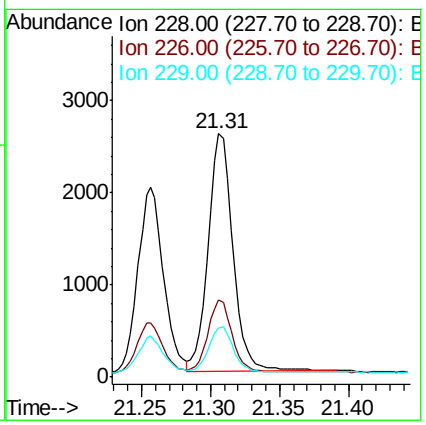
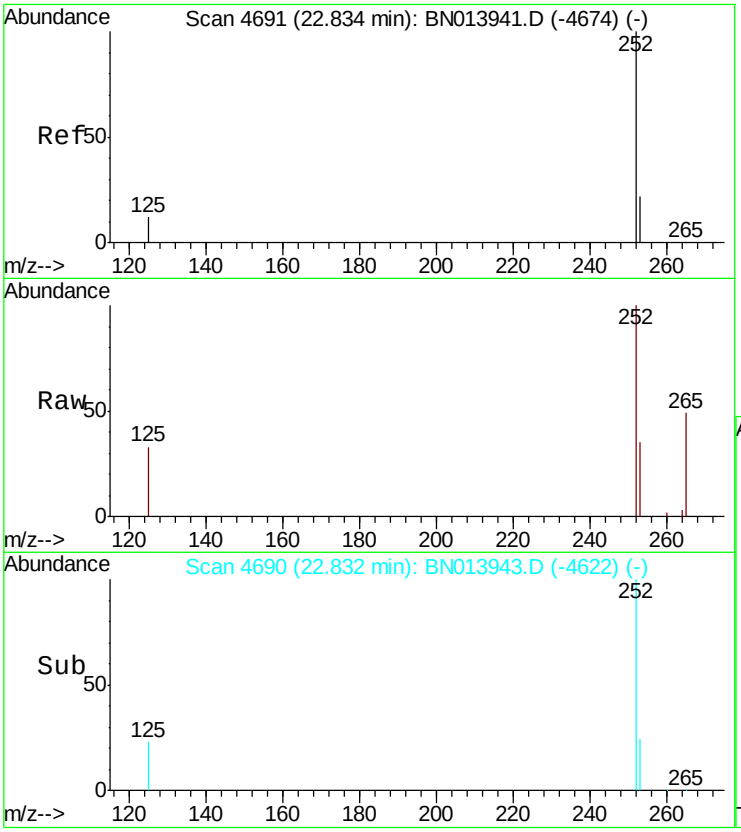


#22
Chrysene
Concen: 0.071 ng/ul
RT: 21.31 min Scan# 4168
Delta R.T. -0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:228 Resp: 3199

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.4	36.6
229	20.4	15.8	23.8





#24
Benzo(b)fluoranthene
Concen: 0.070 ng/ul m
RT: 22.83 min Scan# 4690
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:252 Resp: 3333

Ion	Ratio	Lower	Upper
252	100		
253	35.4	0.0	47.4
125	33.2	0.0	27.8#

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations APPROVED
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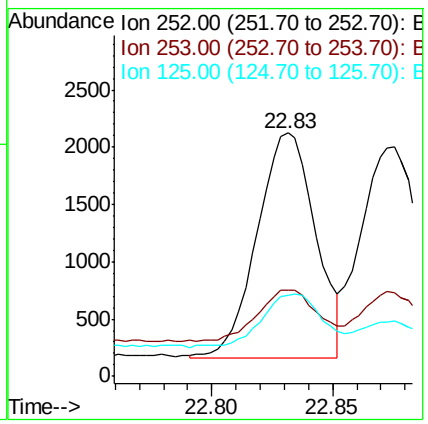
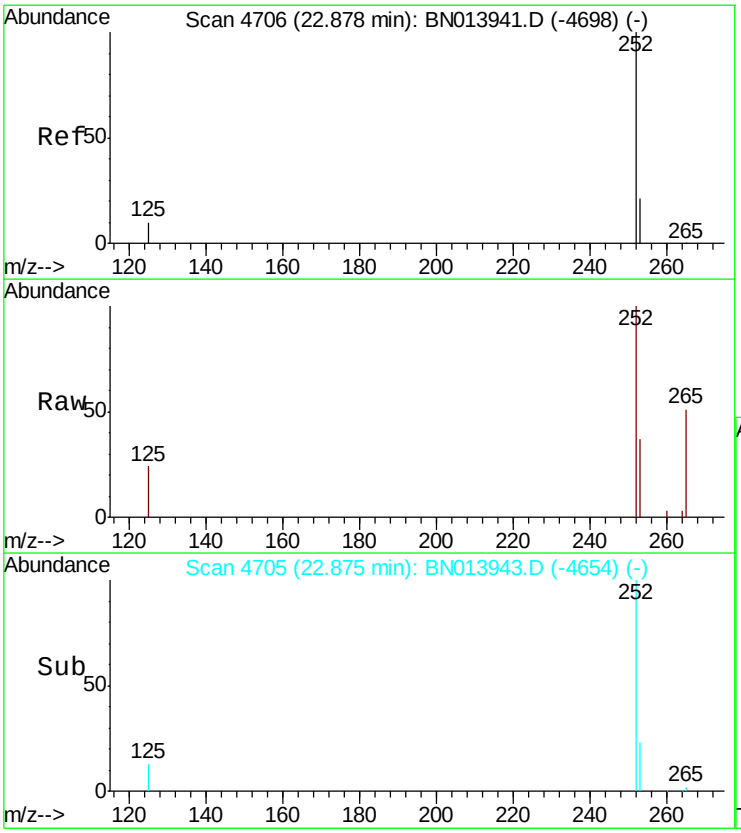
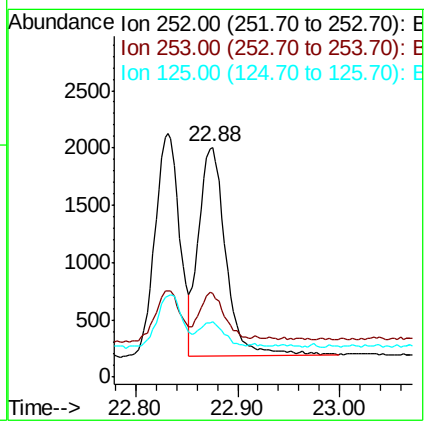


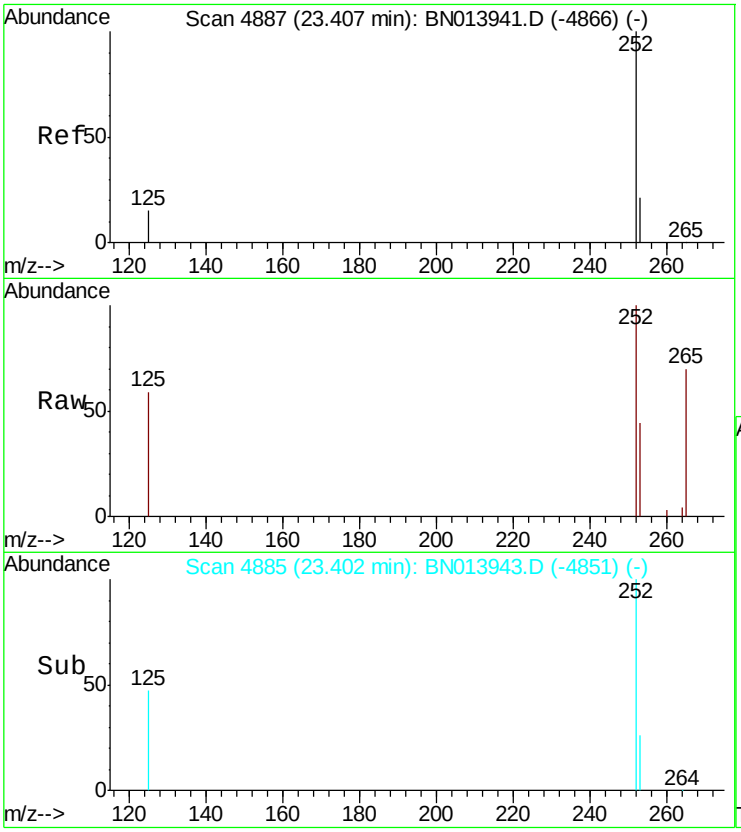


#25
Benzo(k)fluoranthene
Concen: 0.071 ng/ul
RT: 22.88 min Scan# 4705
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:252 Resp: 3386

Ion	Ratio	Lower	Upper
252	100		
253	36.6	19.0	28.6#
125	24.0	10.5	15.7#





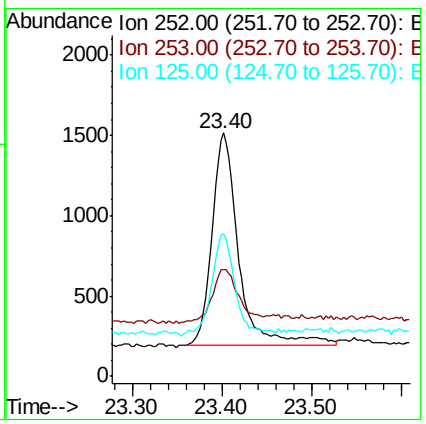
#26
Benzo(a)pyrene
Concen: 0.073 ng/ul
RT: 23.40 min Scan# 4885
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

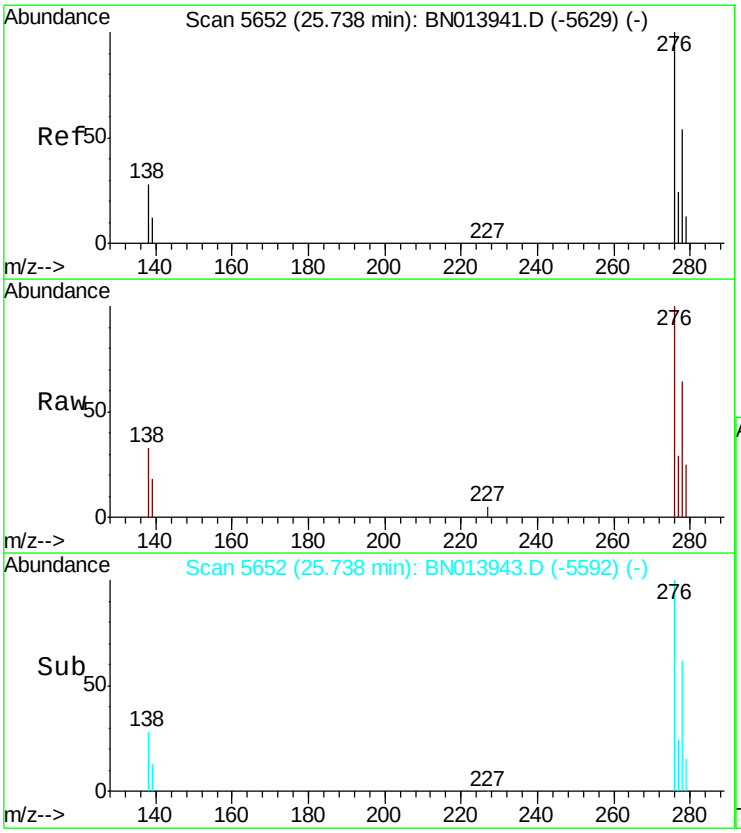
Tgt Ion:252 Resp: 2787

Ion	Ratio	Lower	Upper
252	100		
253	44.1	19.8	29.6#
125	58.5	13.7	20.5#

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations APPROVED
mohammad
3/16/2021 11:16:46 AM

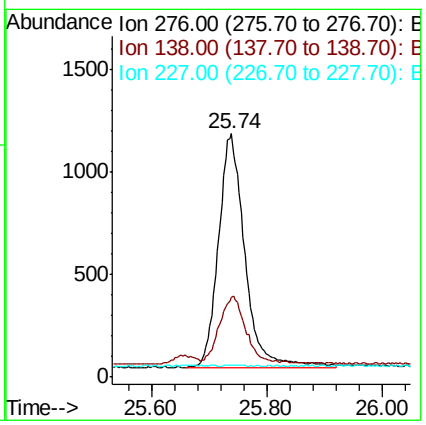


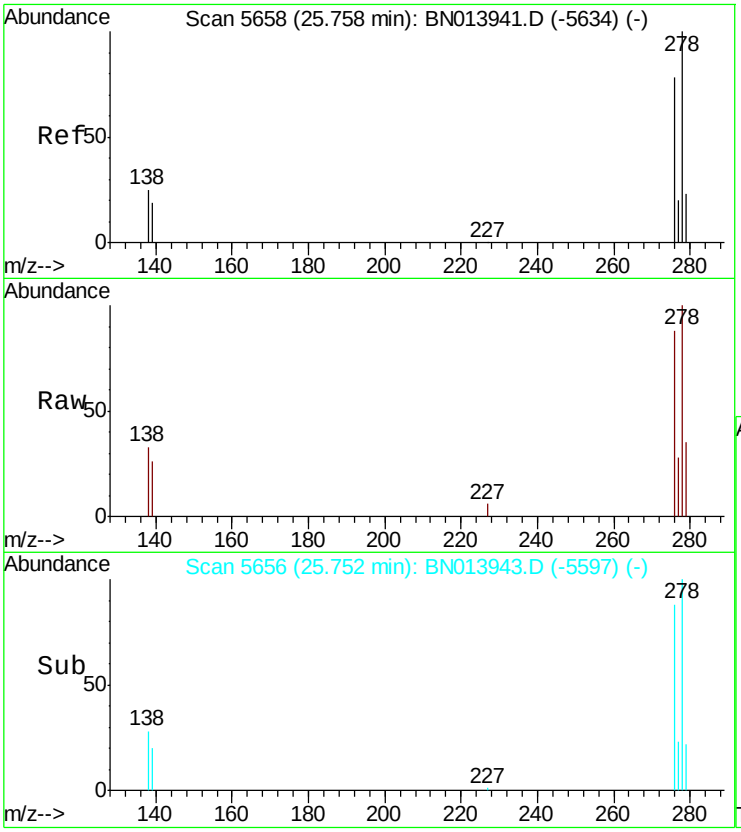


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.071 ng/ul
RT: 25.74 min Scan# 5652
Delta R.T. 0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:276 Resp: 3600

Ion	Ratio	Lower	Upper
276	100		
138	27.4	23.4	35.0
227	0.2	0.0	0.0#





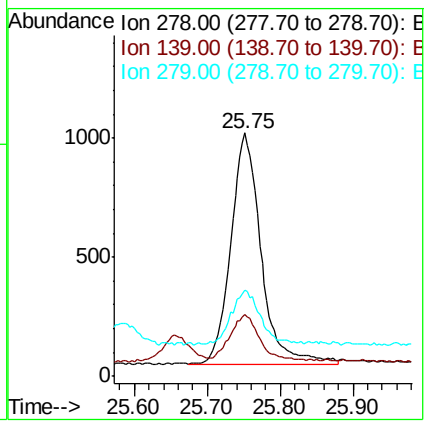
#28
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 25.75 min Scan# 5656
Delta R.T. -0.00 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

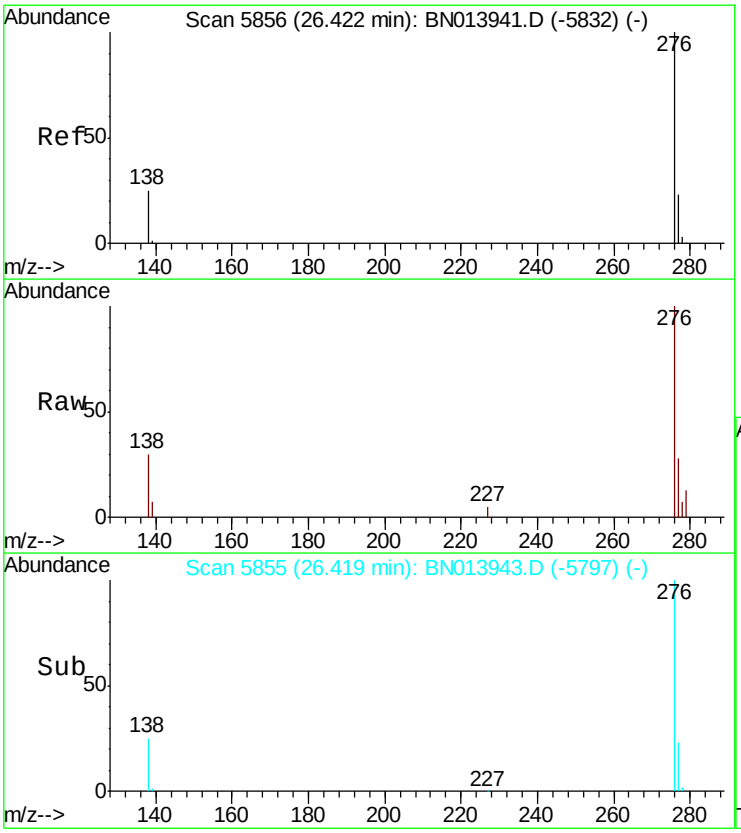
Tgt Ion:278 Resp: 2793

Ion	Ratio	Lower	Upper
278	100		
139	25.6	16.3	24.5#
279	35.2	20.1	30.1#

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations APPROVED
mohammad
3/16/2021 11:16:46 AM





#29
Benzo(g,h,i)perylene
Concen: 0.070 ng/ul
RT: 26.42 min Scan# 5855
Delta R.T. -0.01 min
Lab File: BN013943.D
Acq: 15 Mar 2021 16:28

Tgt Ion:276 Resp: 3182

Ion	Ratio	Lower	Upper
276	100		
138	30.1	20.8	31.2
277	28.1	19.4	29.2