Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031621\
Data File : BN013950.D
Acq On : 16 Mar 2021 11:03
Operator : CG/JU
Sample : M1344-02
Misc : SFAM-SIM-MDL-W-02
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations APPROVED
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3/17/2021 10:50:54 AM

Quant Time: Mar 16 11:33:21 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 : Tue Mar 16 11:01:22 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	7107	0.40	ng/ul	0.00
4) Naphthalene-d8	10.49	136	23841	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.35	164	11906	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.09	188	25895	0.40	ng/ul	0.00
17) Chrysene-d12	21.27	240	20583	0.40	ng/ul	0.00
23) Perylene-d12	23.50	264	18424	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	3863	0.51	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.08	152	9603	0.28	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	18775	0.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	484	0.061	ng/ul#	58
5) Naphthalene	10.54	128	4803	0.069	ng/ul	98
7) 2-Methylnaphthalene	12.16	142	3063	0.068	ng/ul	100
8) 1-Methylnaphthalene	12.38	142	2894	0.066	ng/ul	100
10) Acenaphthylene	14.07	152	3476	0.065	ng/ul	97
11) Acenaphthene	14.41	153	3013	0.068	ng/ul	98
12) Fluorene	15.40	166	3306	0.066	ng/ul	99
14) Pentachlorophenol	16.74	266	342	0.077	ng/ul	99
15) Phenanthrene	17.14	178	5703	0.066	ng/ul	97
16) Anthracene	17.22	178	4576	0.064	ng/ul	97
19) Fluoranthene	19.15	202	6066	0.073	ng/ul	99
20) Pyrene	19.51	202	5991	0.070	ng/ul	97
21) Benzo(a)anthracene	21.26	228	4613	0.063	ng/ul	98
22) Chrysene	21.31	228	5635	0.070	ng/ul	99
24) Benzo(b)fluoranthene	22.83	252	5800m	0.067	ng/ul	
25) Benzo(k)fluoranthene	22.87	252	5680	0.065	ng/ul#	85
26) Benzo(a)pyrene	23.40	252	4884	0.070	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	25.73	276	6205	0.067	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.75	278	4838	0.065	ng/ul	92
29) Benzo(g,h,i)perylene	26.42	276	5343	0.065	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031621\
Data File : BN013950.D
Acq On : 16 Mar 2021 11:03
Operator : CG/JU
Sample : M1344-02
Misc : SFAM-SIM-MDL-W-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 16 11:33:21 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 : Tue Mar 16 11:01:22 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-04

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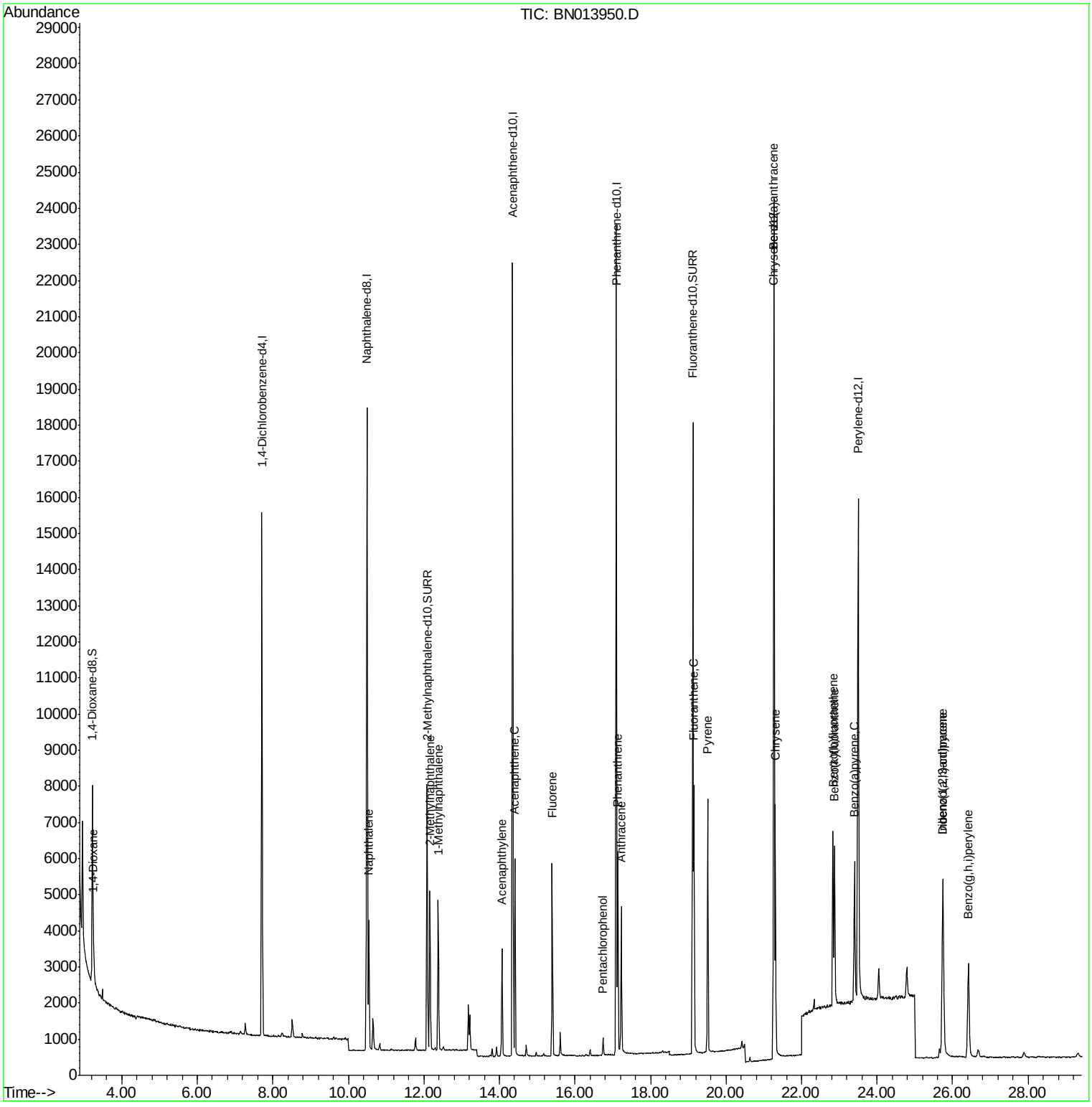
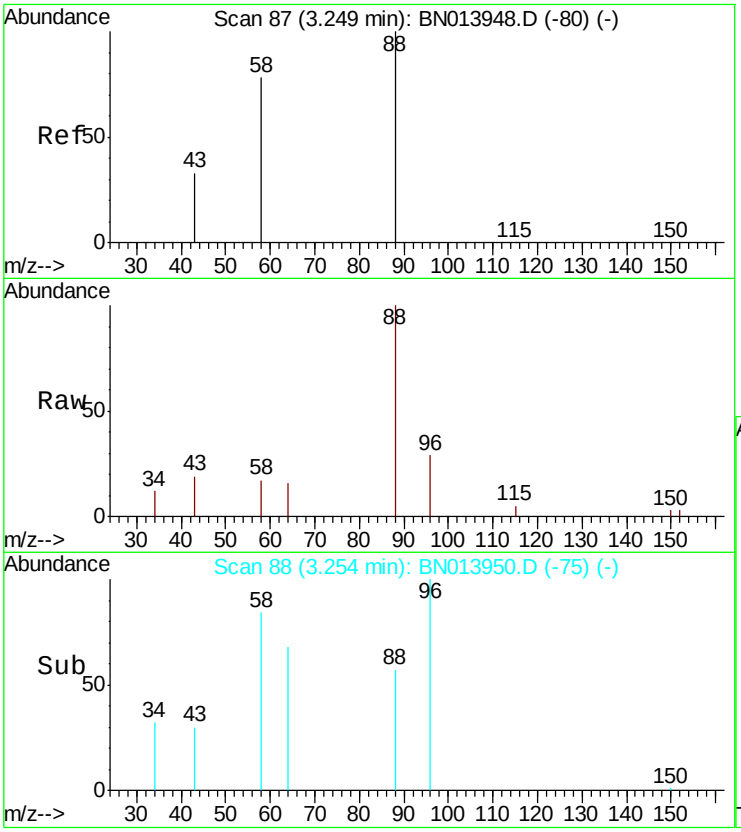
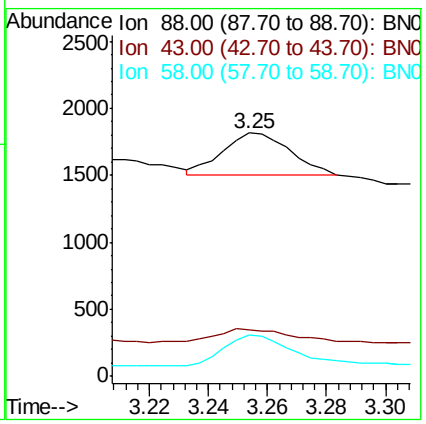




#2
1,4-Dioxane
Concen: 0.061 ng/ul
RT: 3.25 min Scan# 88
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion: 88 Resp: 484

Ion	Ratio	Lower	Upper
88	100		
43	19.2	28.5	42.7#
58	17.2	42.5	63.7#



Instrument :
BNA_N
ClientSampleId :
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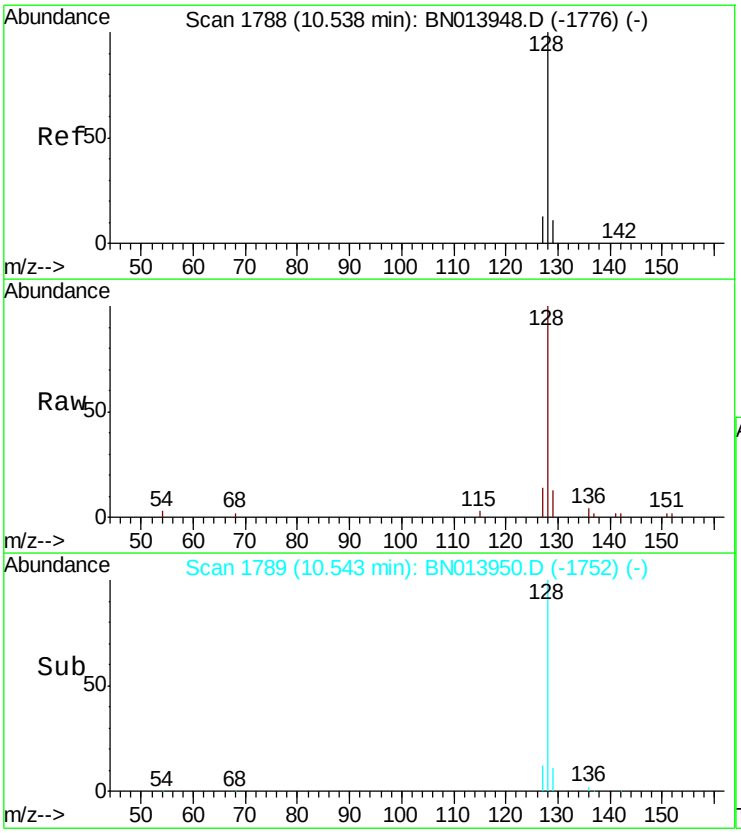
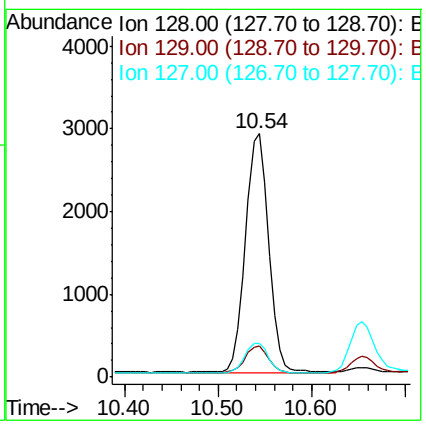
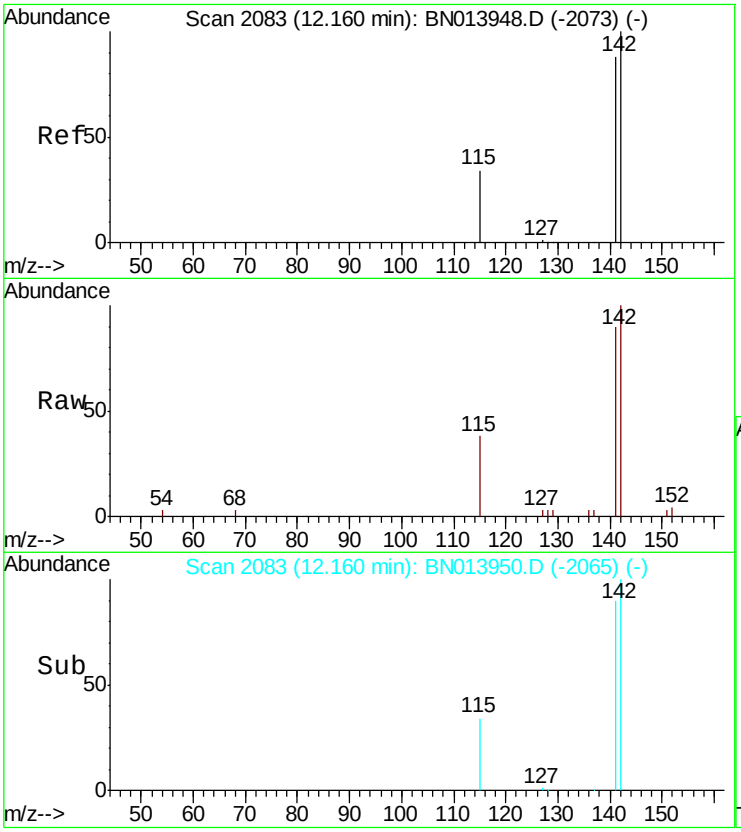


#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.54 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:128 Resp: 4803

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.2	13.8
127	13.7	10.7	16.1





#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.16 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:142 Resp: 3063

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.2	106.8

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-04

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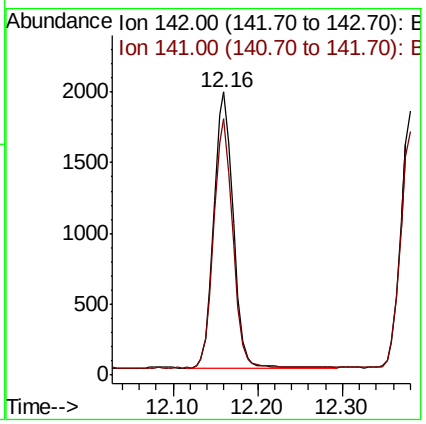
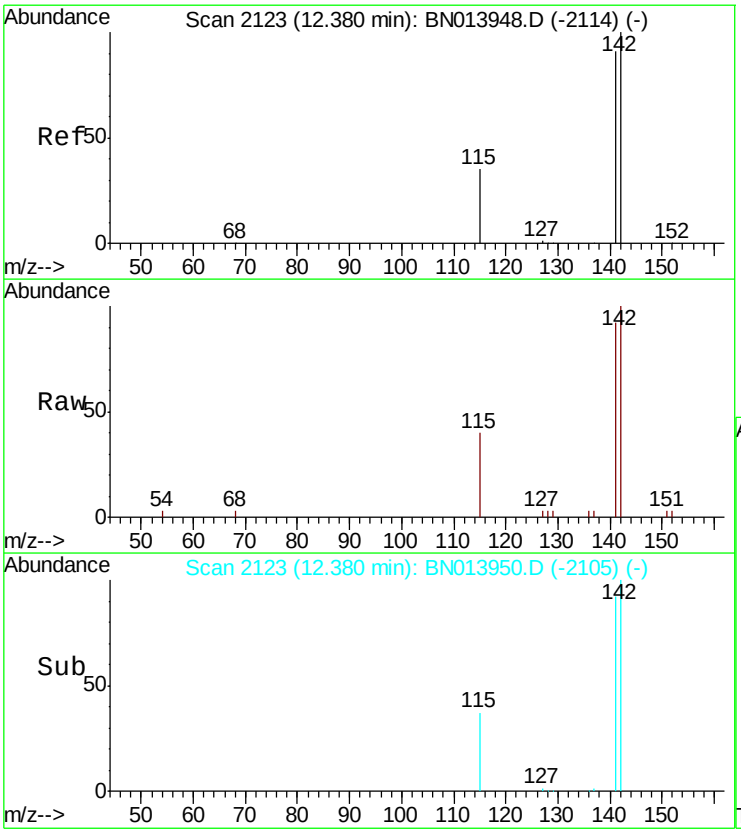
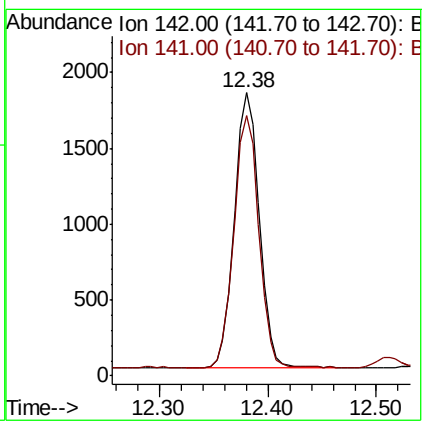


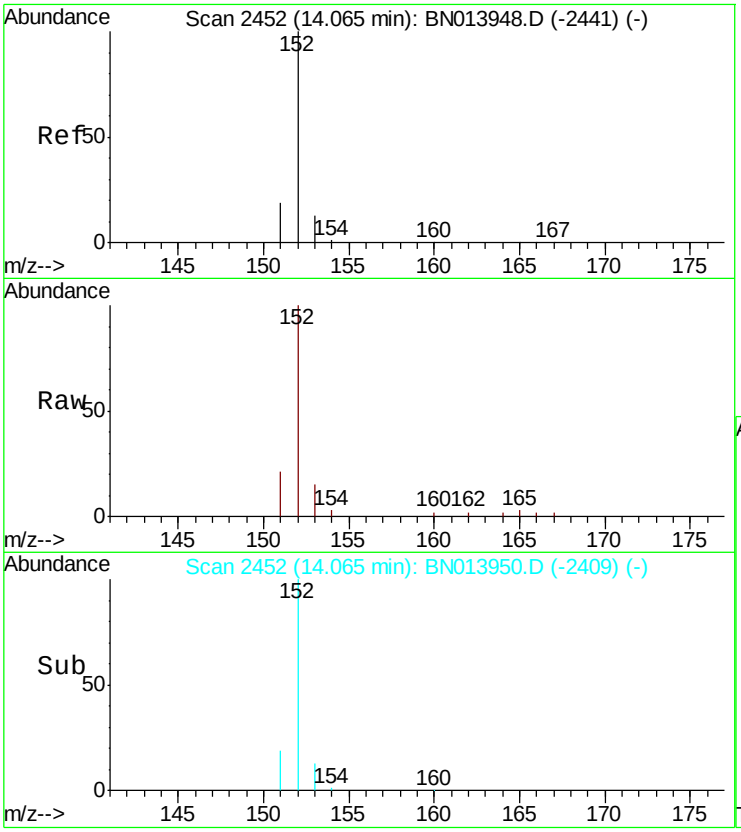


#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.38 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:142 Resp: 2894

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.5	110.3

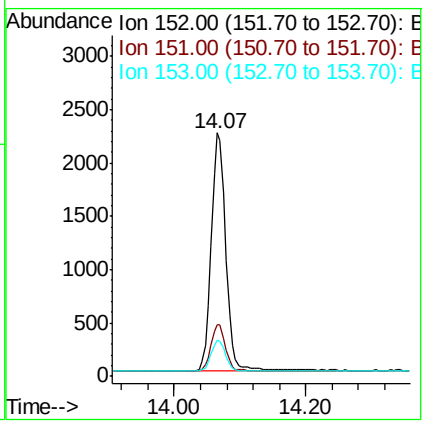




#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.07 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:152 Resp: 3476

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.9	23.9
153	14.9	10.9	16.3



Instrument :
BNA_N
ClientSampleId :
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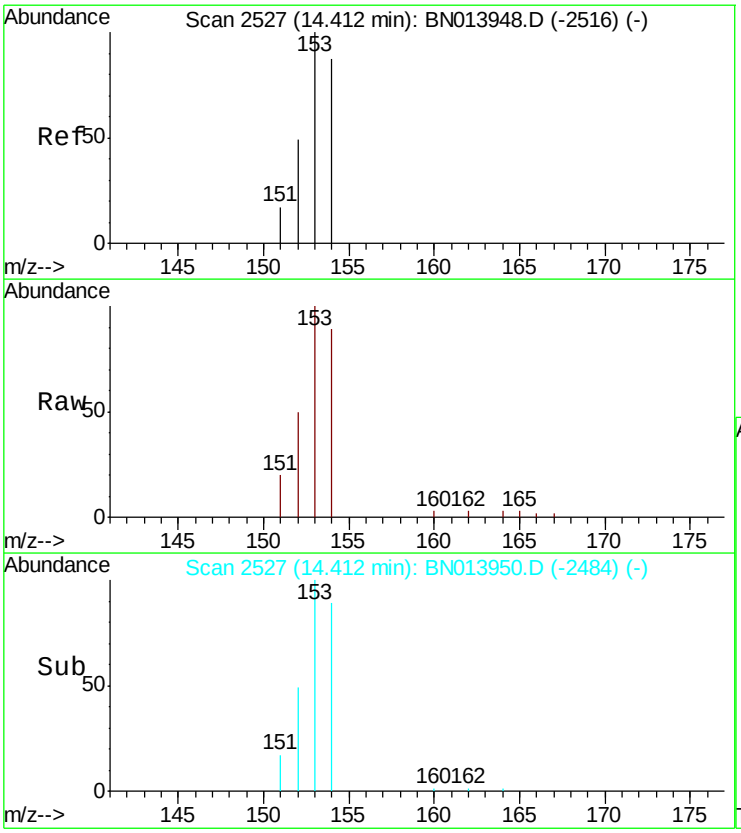
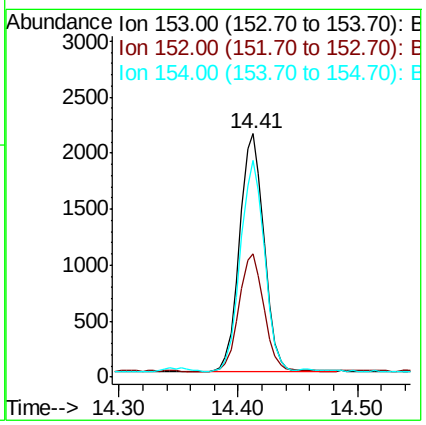
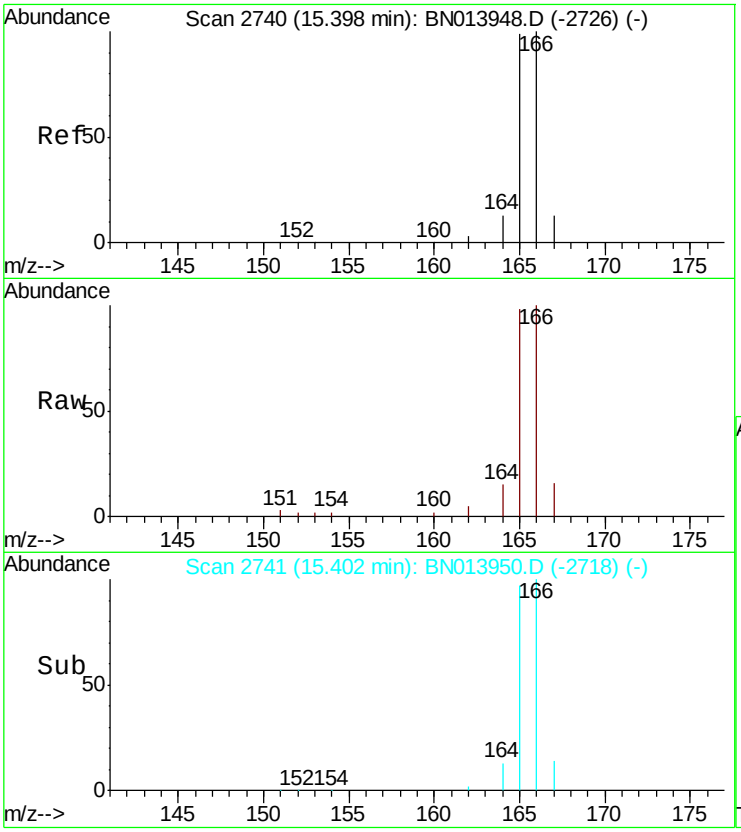


#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.41 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:153 Resp: 3013

Ion	Ratio	Lower	Upper
153	100		
152	50.4	40.5	60.7
154	89.0	69.3	103.9

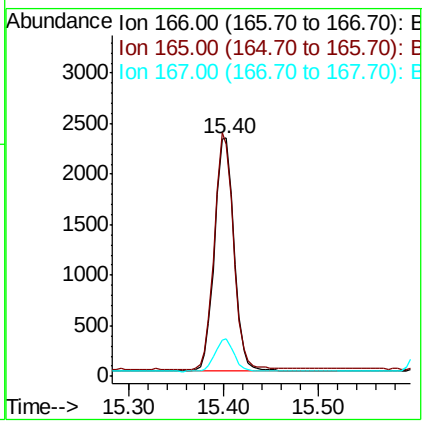




#12
Fluorene
Concen: 0.066 ng/ul
RT: 15.40 min Scan# 2741
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:166 Resp: 3306

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	15.5	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-04

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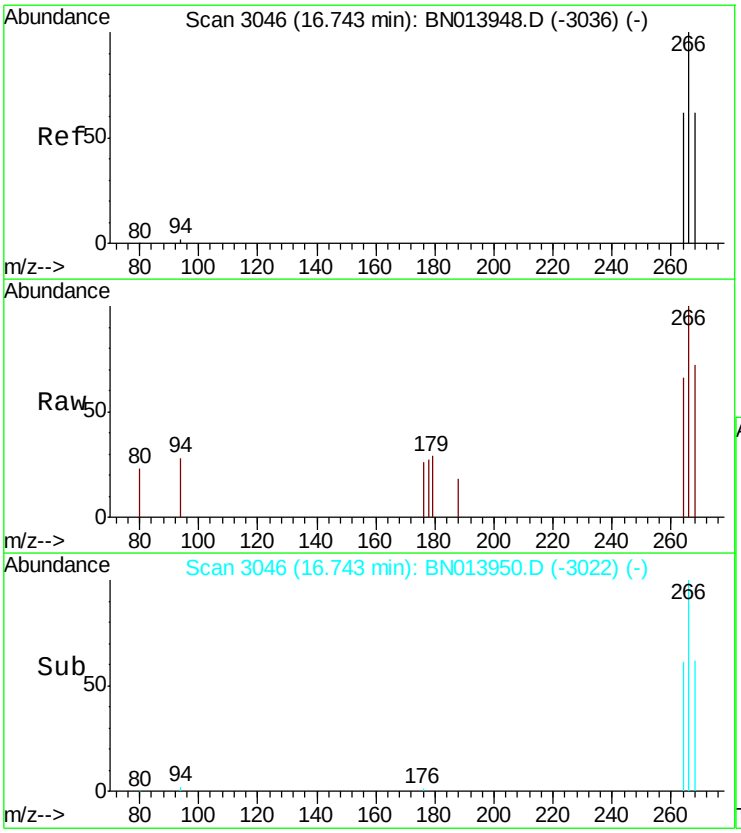
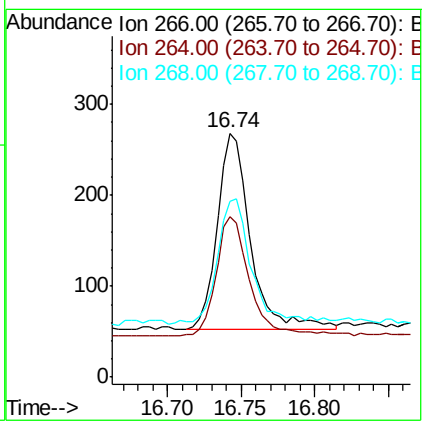
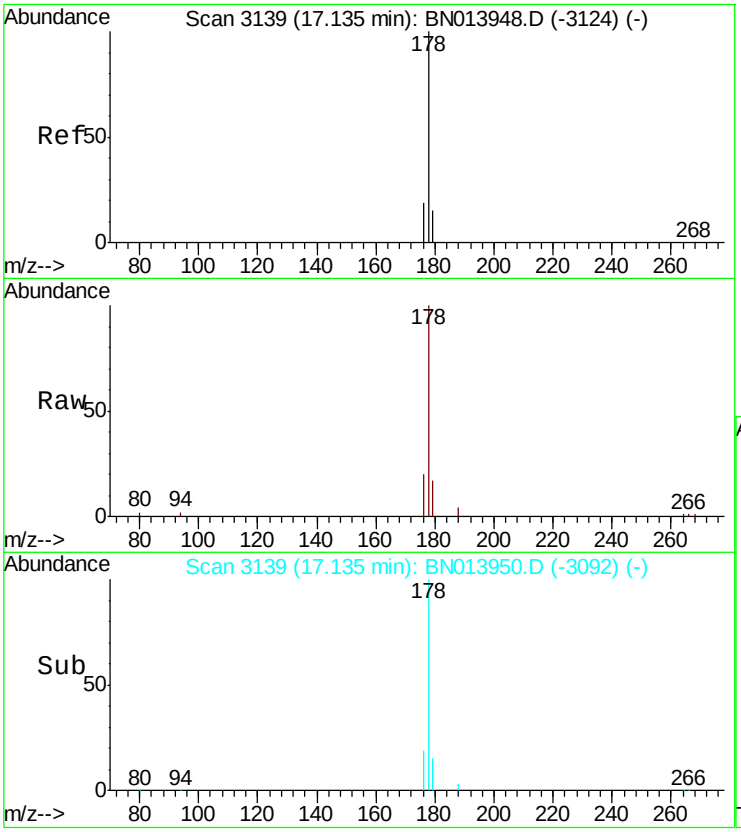


#14
Pentachlorophenol
Concen: 0.077 ng/ul
RT: 16.74 min Scan# 3046
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:266 Resp: 342

Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.2	73.8
268	66.7	52.3	78.5

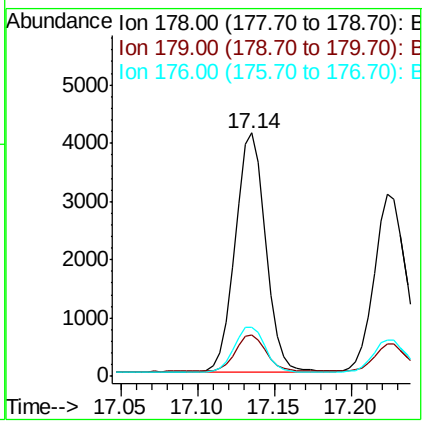




#15
Phenanthrene
Concen: 0.066 ng/ul
RT: 17.14 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:178 Resp: 5703

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.5	18.7
176	20.3	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-04

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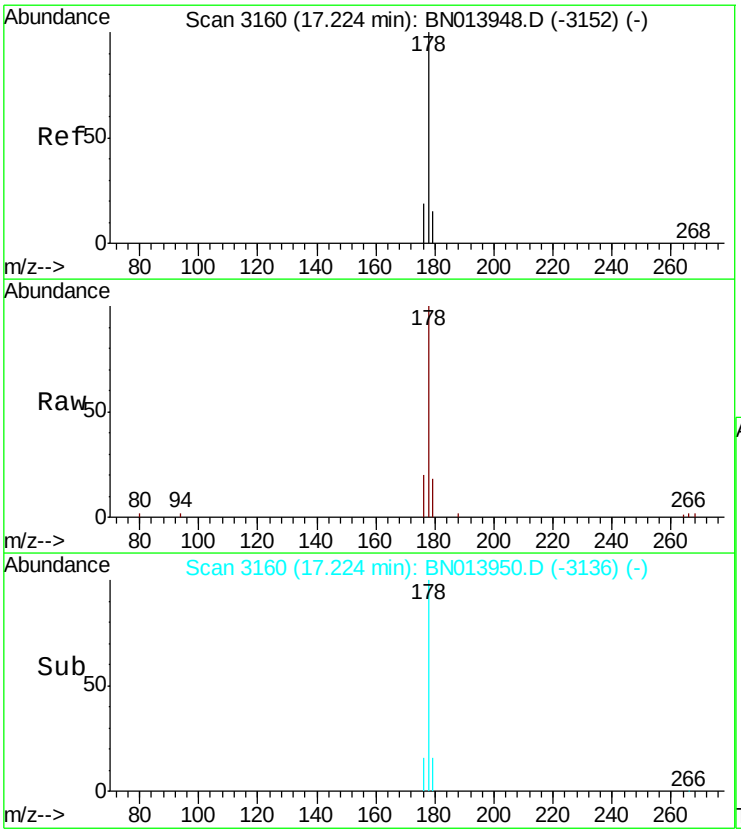
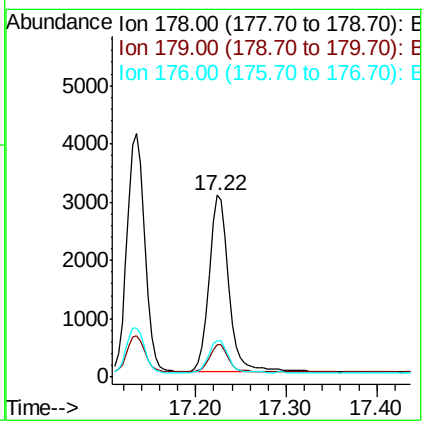
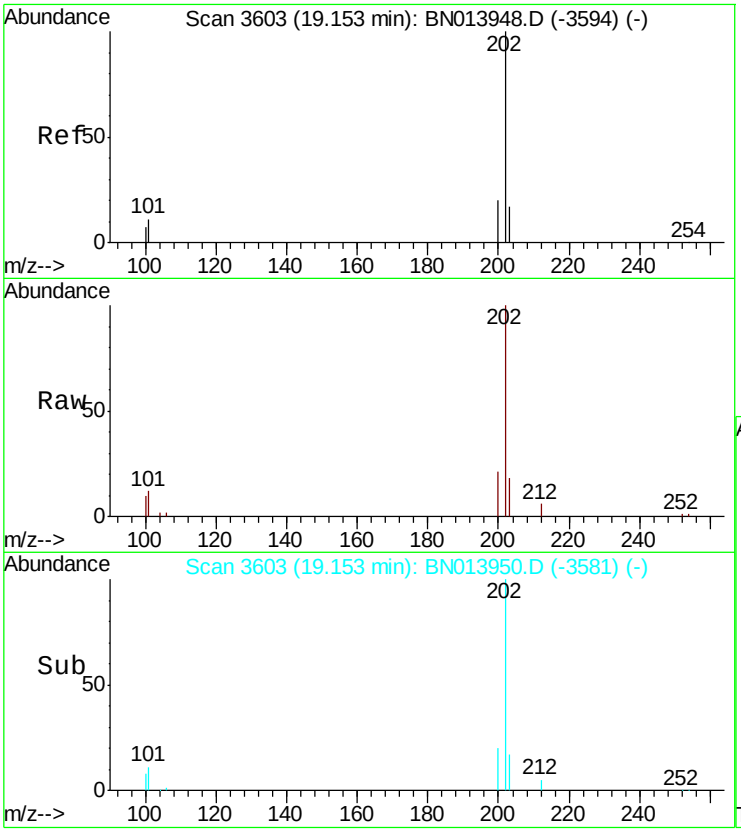


#16
Anthracene
Concen: 0.064 ng/ul
RT: 17.22 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:178 Resp: 4576

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.6	18.8
176	20.3	15.4	23.0





#19
Fluoranthene
Concen: 0.073 ng/ul
RT: 19.15 min Scan# 3603
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:202 Resp: 6066

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.7	14.5
100	9.6	7.4	11.2

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations APPROVED
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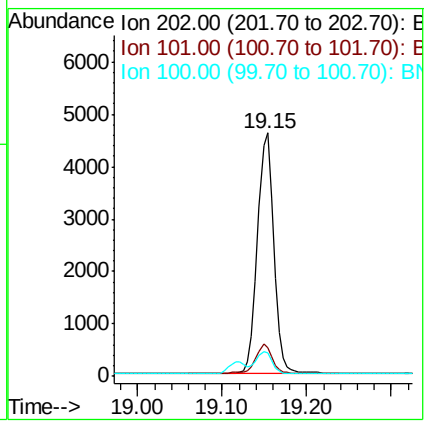
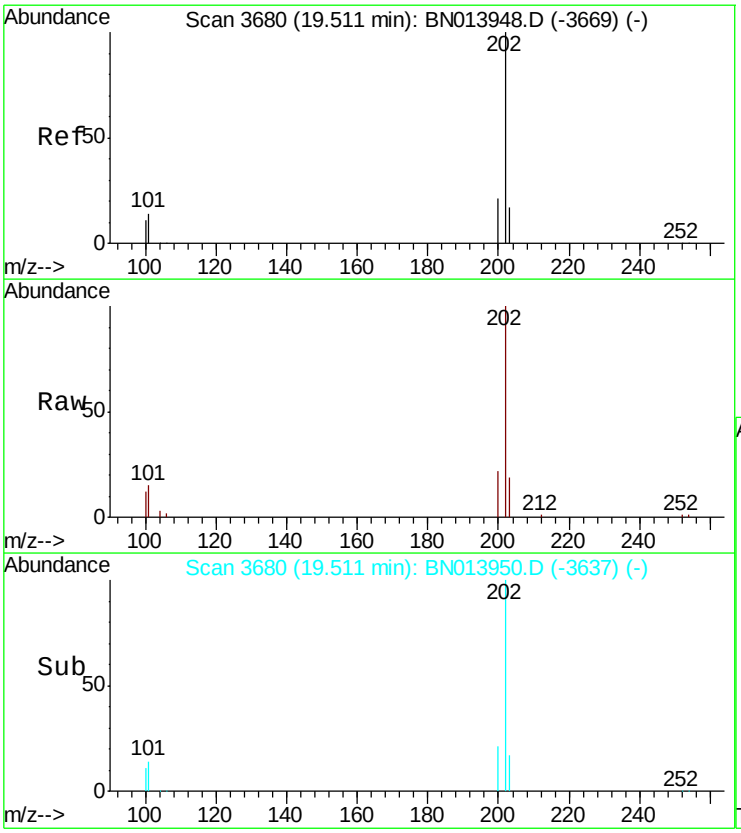
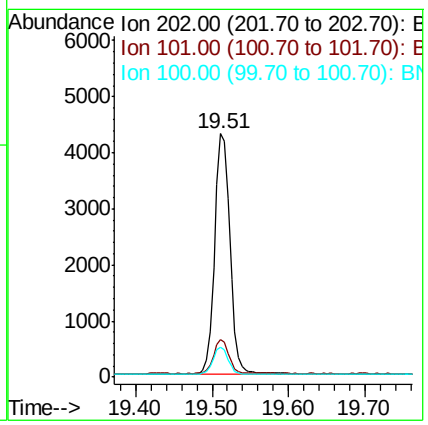


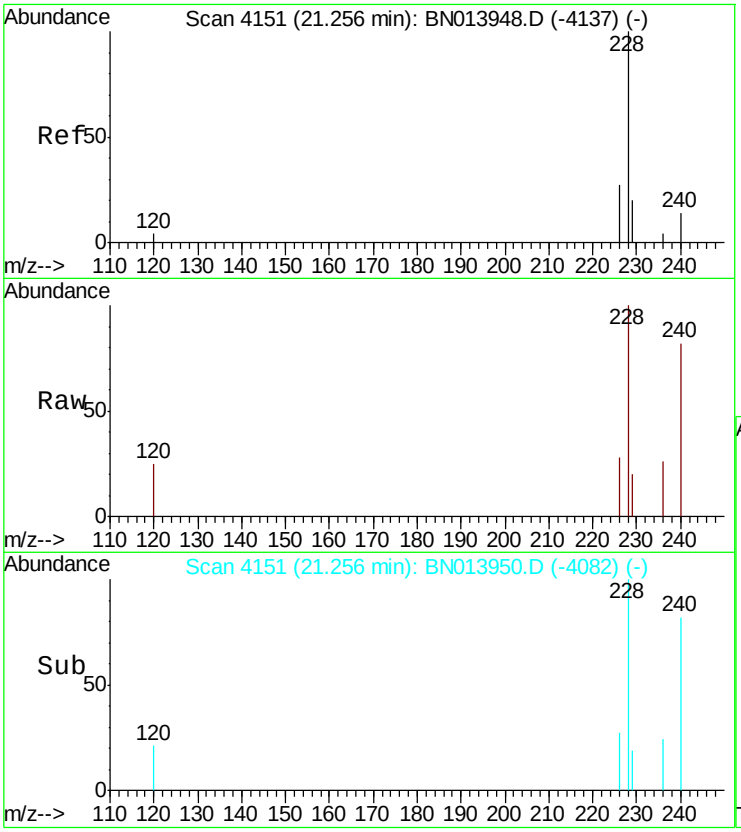


#20
Pyrene
Concen: 0.070 ng/ul
RT: 19.51 min Scan# 3680
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:202 Resp: 5991

Ion	Ratio	Lower	Upper
202	100		
101	15.4	11.0	16.4
100	12.1	9.0	13.4

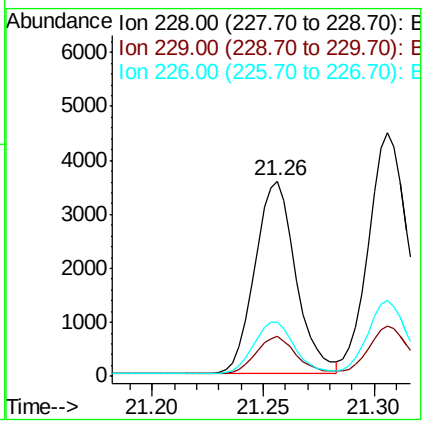




#21
Benzo(a)anthracene
Concen: 0.063 ng/ul
RT: 21.26 min Scan# 4151
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:228 Resp: 4613

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.5	23.3
226	27.7	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations APPROVED
mohammad
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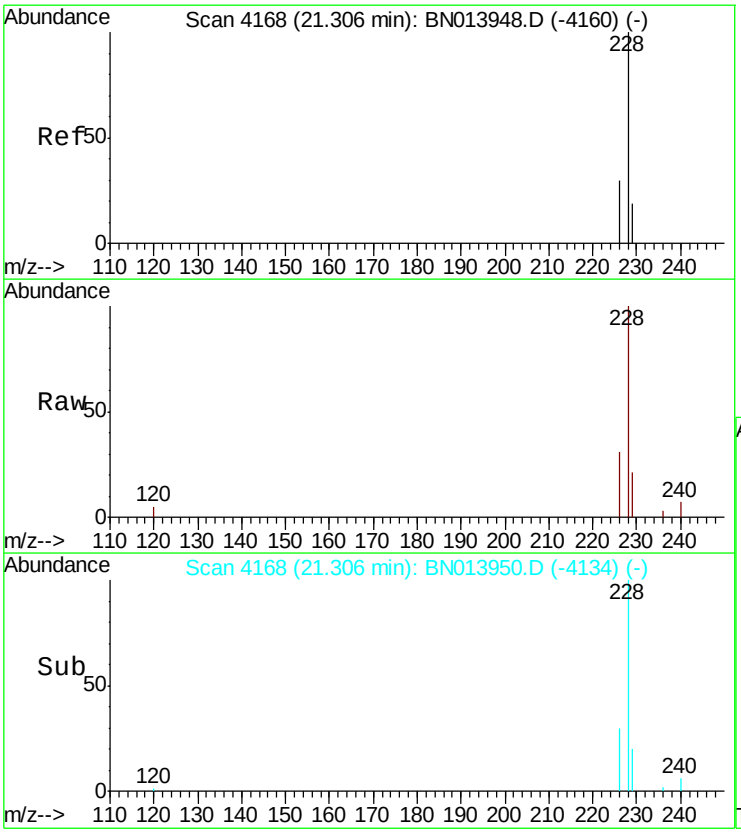
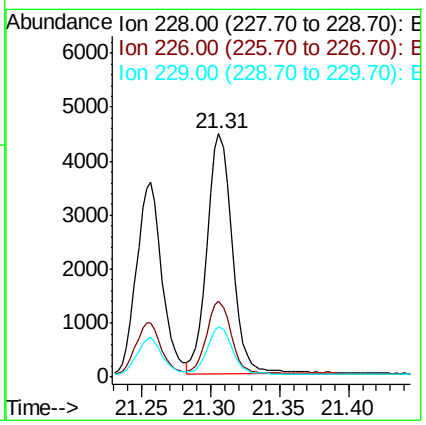
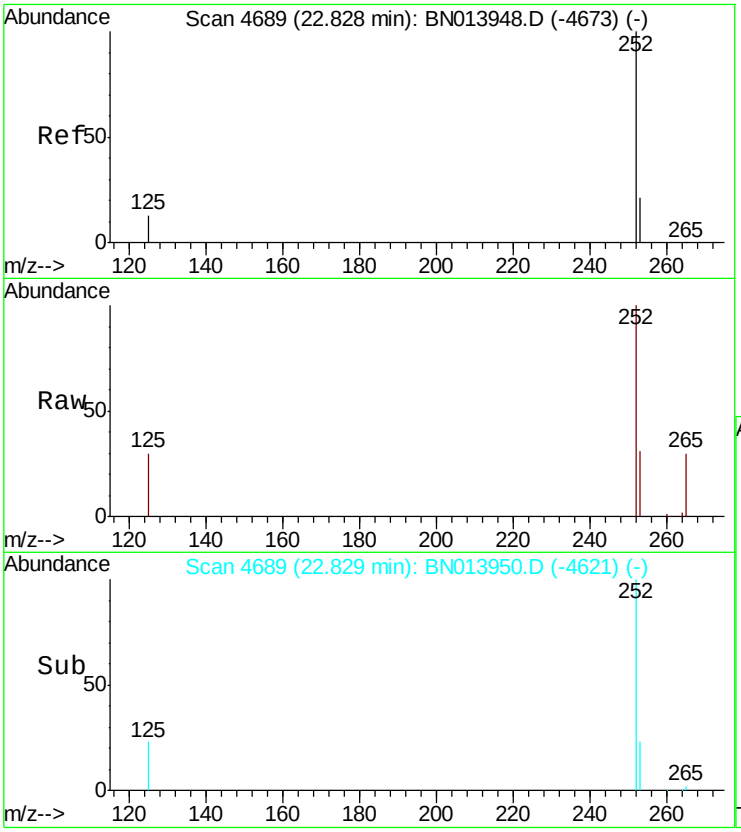


#22
Chrysene
Concen: 0.070 ng/ul
RT: 21.31 min Scan# 4168
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:228 Resp: 5635

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	20.6	15.8	23.8





#24
Benzo(b)fluoranthene
Concen: 0.067 ng/ul m
RT: 22.83 min Scan# 4689
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:252 Resp: 5800

Ion	Ratio	Lower	Upper
252	100		
253	31.0	0.0	47.4
125	29.6	0.0	27.8#

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations APPROVED
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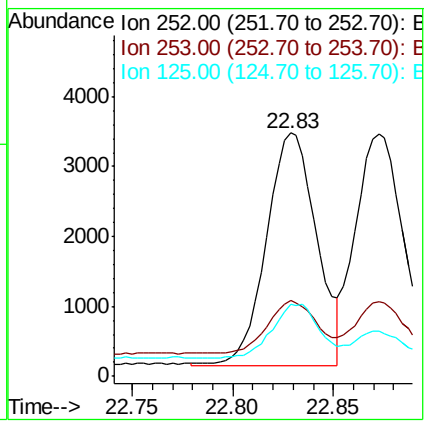
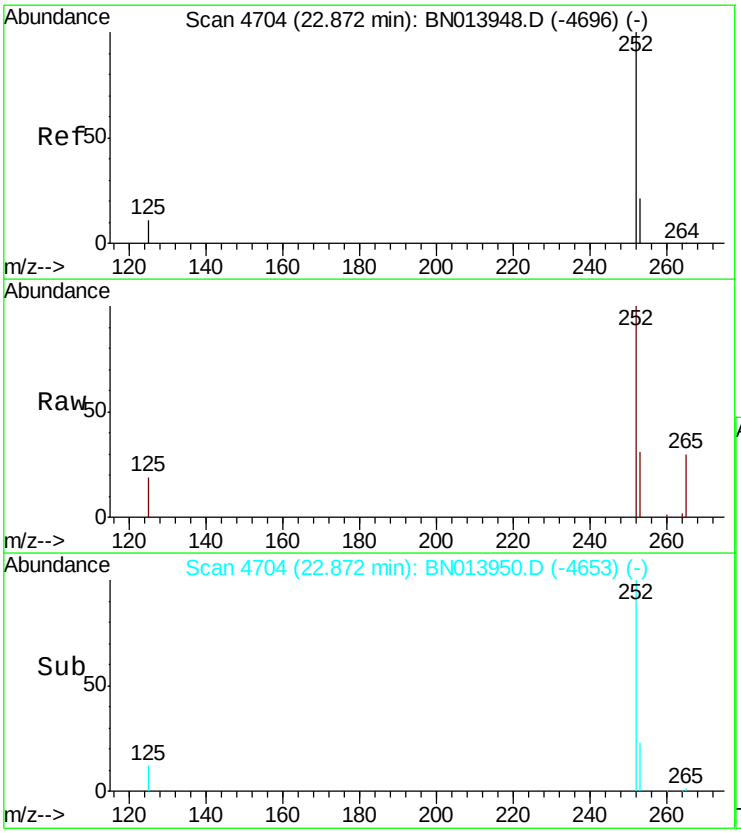
3/17/2021 10:50:54 AM

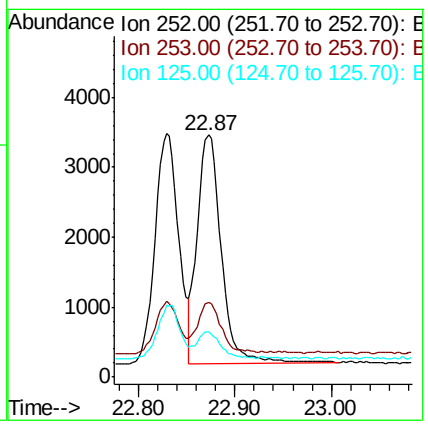


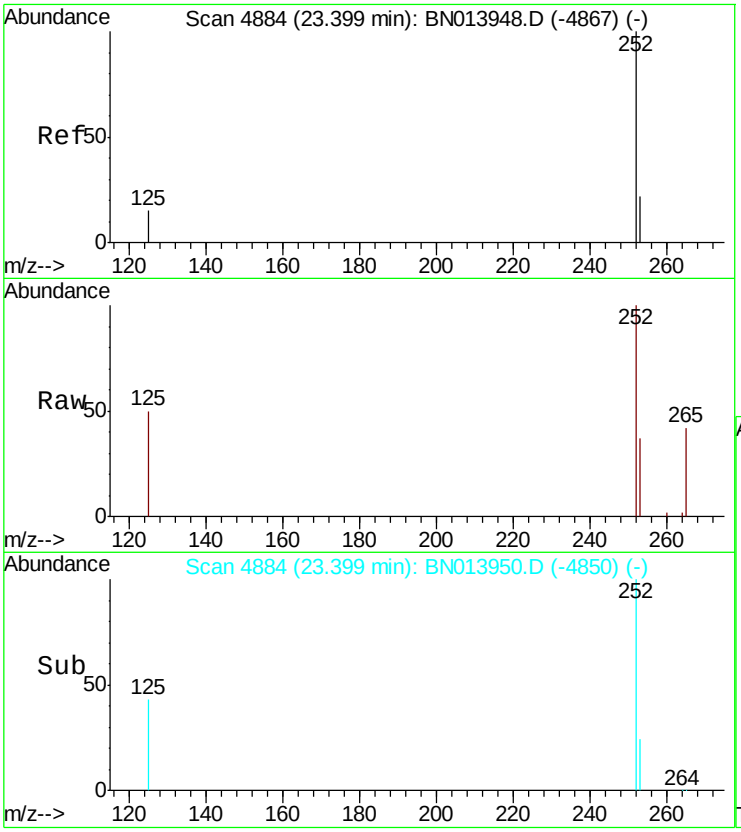


#25
Benzo(k)fluoranthene
Concen: 0.065 ng/ul
RT: 22.87 min Scan# 4704
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:252 Resp: 5680

Ion	Ratio	Lower	Upper
252	100		
253	30.9	19.0	28.6#
125	18.9	10.5	15.7#





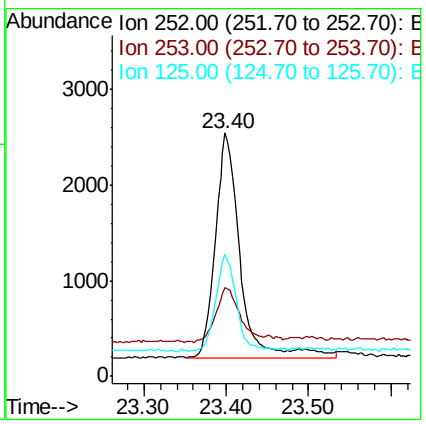
#26
Benzo(a)pyrene
Concen: 0.070 ng/ul
RT: 23.40 min Scan# 4884
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

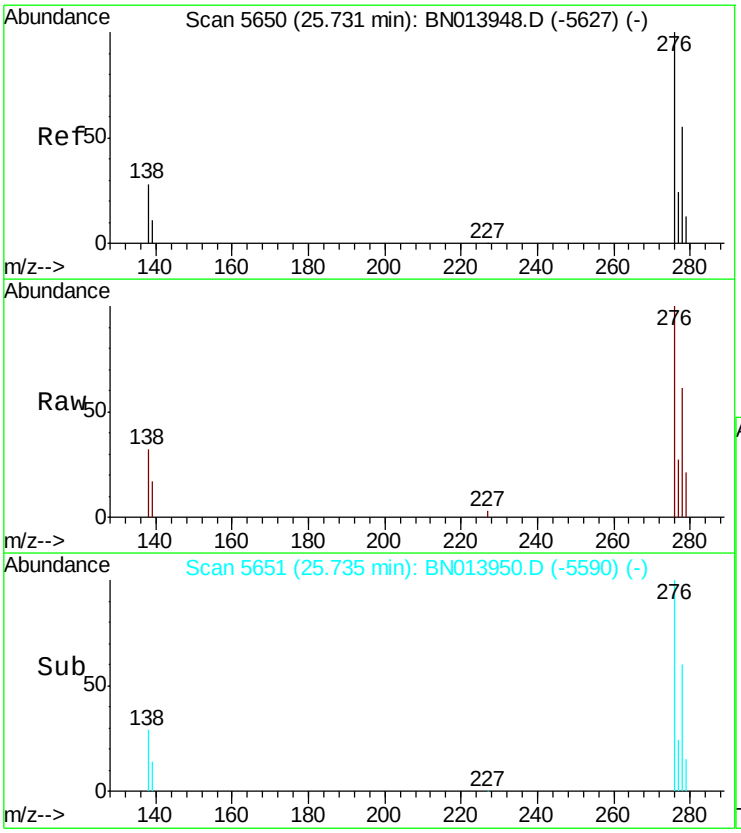
Tgt Ion:252 Resp: 4884

Ion	Ratio	Lower	Upper
252	100		
253	36.5	19.8	29.6#
125	49.9	13.7	20.5#

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations APPROVED
mohammad
3/17/2021 10:50:54 AM

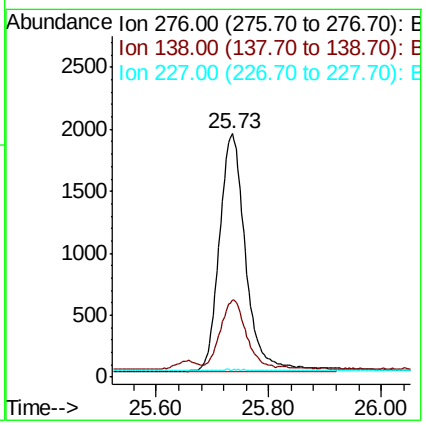


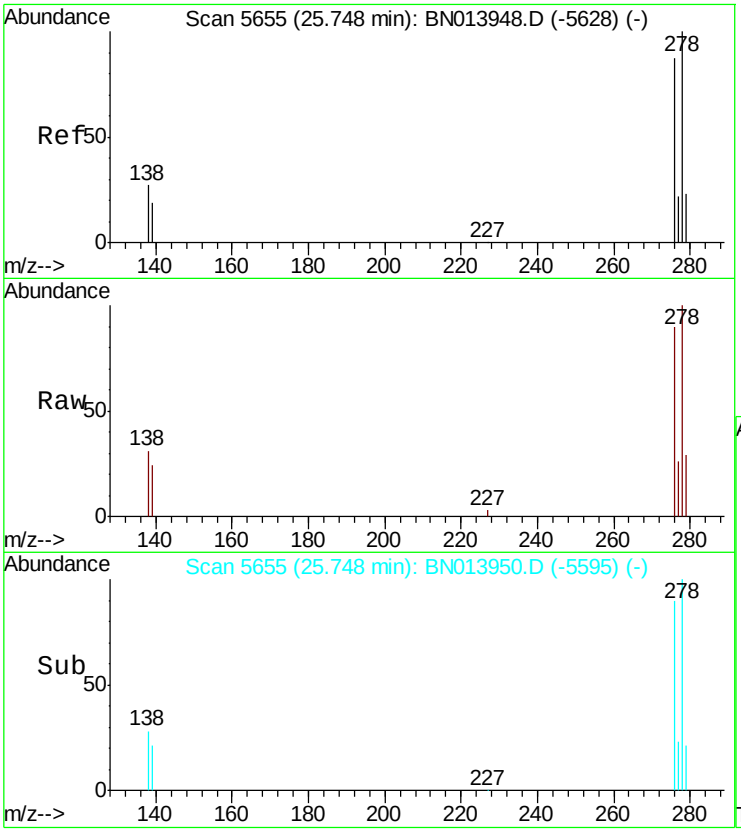


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.067 ng/ul
RT: 25.73 min Scan# 5651
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:276 Resp: 6205

Ion	Ratio	Lower	Upper
276	100		
138	28.5	23.4	35.0
227	0.2	0.0	0.0#

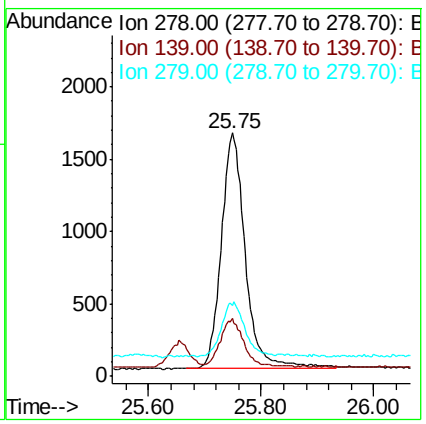




#28
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 25.75 min Scan# 5655
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

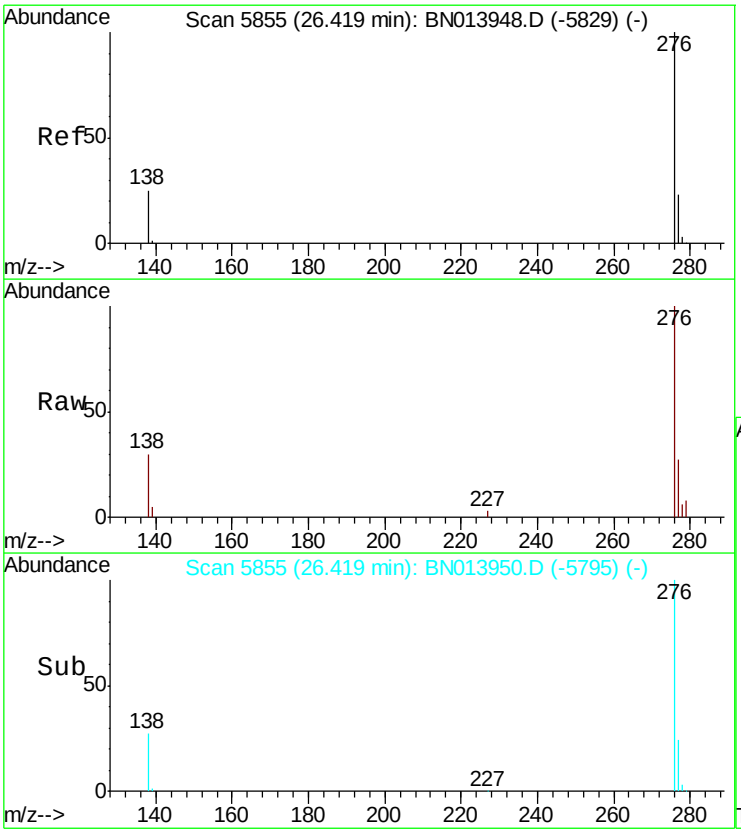
Tgt Ion:278 Resp: 4838

Ion	Ratio	Lower	Upper
278	100		
139	24.0	16.3	24.5
279	29.2	20.1	30.1



Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations APPROVED
mohammad
3/17/2021 10:50:54 AM



#29
Benzo(g,h,i)perylene
Concen: 0.065 ng/ul
RT: 26.42 min Scan# 5855
Delta R.T. 0.00 min
Lab File: BN013950.D
Acq: 16 Mar 2021 11:03

Tgt Ion:276 Resp: 5343

Ion	Ratio	Lower	Upper
276	100		
138	29.8	20.8	31.2
277	26.9	19.4	29.2