Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022121\
Data File : BN013707.D
Acq On : 21 Feb 2021 03:06
Operator : CG/JU
Sample : M1415-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBH23

Manual Integrations APPROVED
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Quant Time: Feb 22 01:04:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN022121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 20 23:16:49 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	3929	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	15395	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	8905	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	18111m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	16240	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	15505	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	6107	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	12747	0.26	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.90	152	1575	0.045	ng/ul#	89
11) Pentachlorophenol	16.59	266	671	0.159	ng/ul	98
12) Phenanthrene	16.97	178	3968	0.073	ng/ul#	94
13) Anthracene	17.06	178	1220	0.026	ng/ul#	79
15) Fluoranthene	19.00	202	13032	0.210	ng/ul	100
17) Pyrene	19.37	202	12117m	0.195	ng/ul	
18) Benzo(a)anthracene	21.12	228	8027	0.144	ng/ul	94
19) Chrysene	21.17	228	9565	0.165	ng/ul	95
21) Benzo(b)fluoranthene	22.66	252	17043m	0.287	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	5599m	0.092	ng/ul	
23) Benzo(a)pyrene	23.21	252	8690	0.165	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.44	276	6929	0.102	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.45	278	1824	0.033	ng/ul#	13
26) Benzo(g,h,i)perylene	26.10	276	1548	0.026	ng/ul#	55

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

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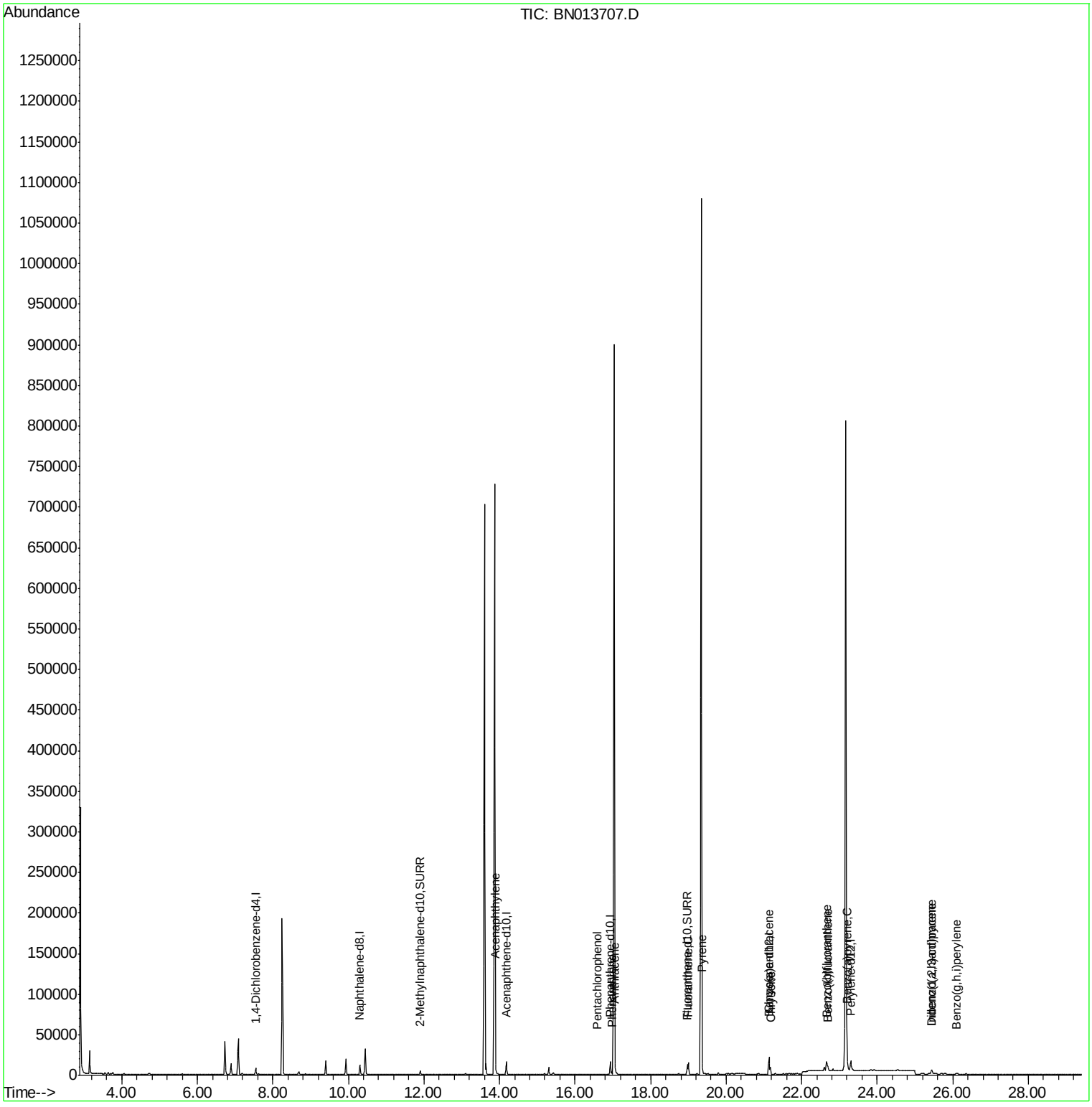
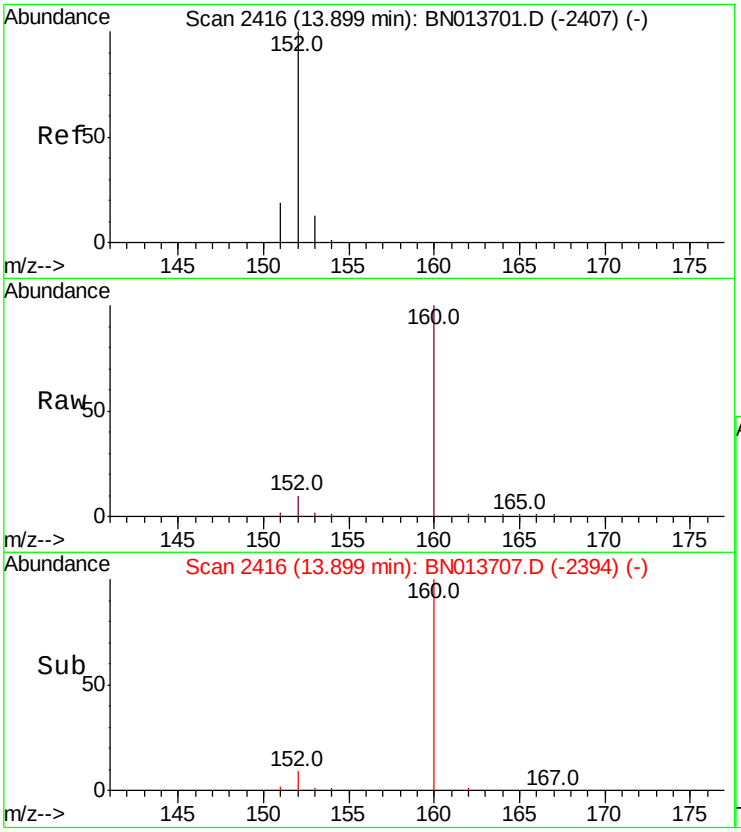
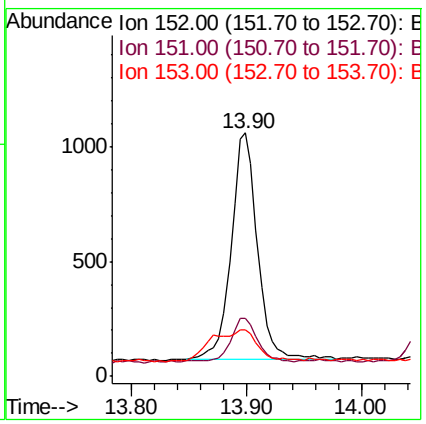




#7
Acenaphthylene
Concen: 0.045 ng/ul
RT: 13.90 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BN013707.D
Acq: 21 Feb 2021 03:06

Tgt Ion:152 Resp: 1575

Ion	Ratio	Lower	Upper
152	100		
151	23.9	15.6	23.4#
153	19.1	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
DBH23

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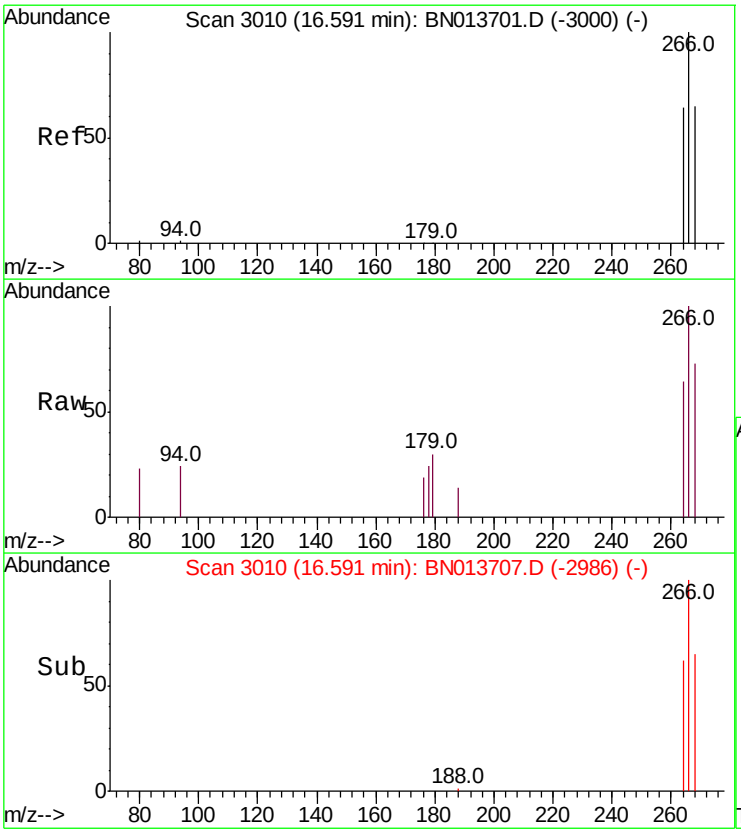
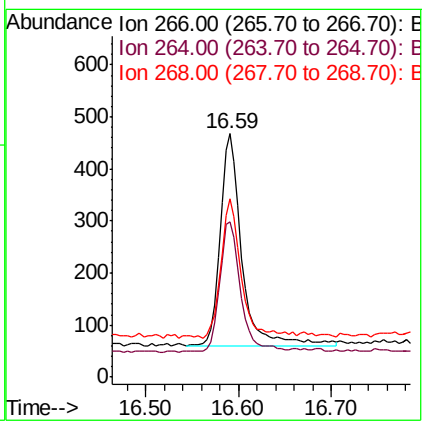
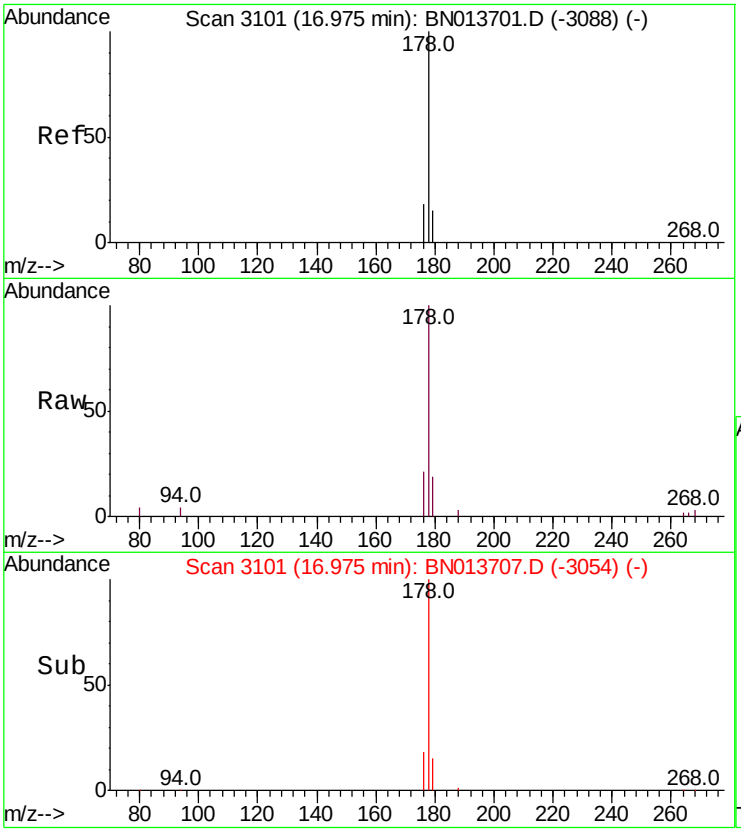


#11
Pentachlorophenol
Concen: 0.159 ng/ul
RT: 16.59 min Scan# 3010
Delta R.T. -0.00 min
Lab File: BN013707.D
Acq: 21 Feb 2021 03:06

Tgt Ion:266 Resp: 671

Ion	Ratio	Lower	Upper
266	100		
264	58.7	49.4	74.0
268	62.0	49.2	73.8





#12
Phenanthrene
Concen: 0.073 ng/ul
RT: 16.97 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BN013707.D
Acq: 21 Feb 2021 03:06

Tgt Ion:178 Resp: 3968

Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.5	18.7#
176	20.8	15.1	22.7

Instrument :
BNA_N
ClientSampleId :
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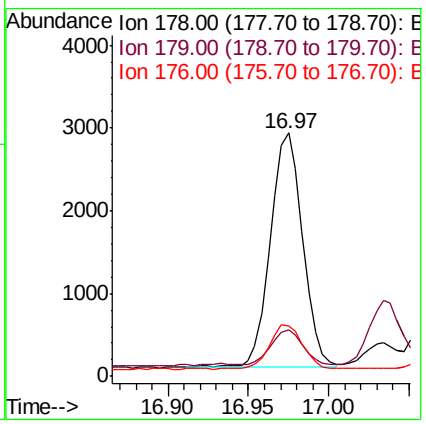
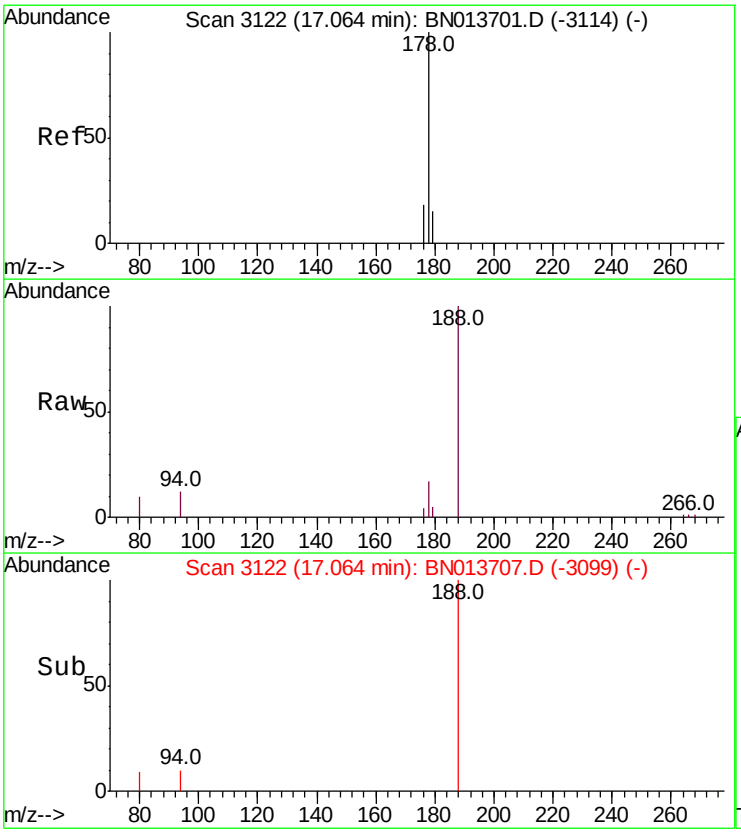
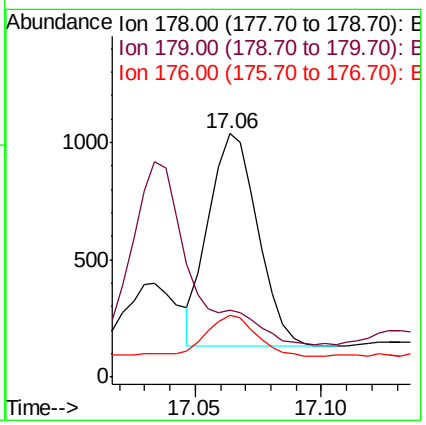


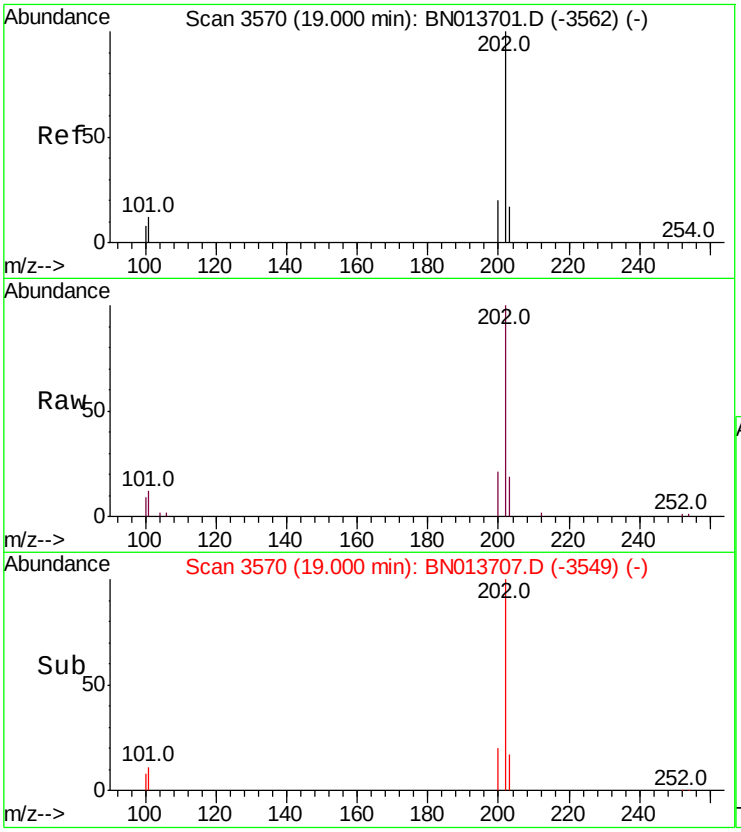


#13
Anthracene
Concen: 0.026 ng/ul
RT: 17.06 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BN013707.D
Acq: 21 Feb 2021 03:06

Tgt Ion:178 Resp: 1220

Ion	Ratio	Lower	Upper
178	100		
179	27.4	12.8	19.2#
176	25.2	14.6	22.0#





#15
Fluoranthene
Concen: 0.210 ng/ul
RT: 19.00 min Scan# 3570
Delta R.T. -0.00 min
Lab File: BN013707.D
Acq: 21 Feb 2021 03:06

Tgt Ion:202 Resp: 13032

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.9
100	9.2	0.0	29.1

Instrument :
BNA_N
ClientSampleId :
DBH23

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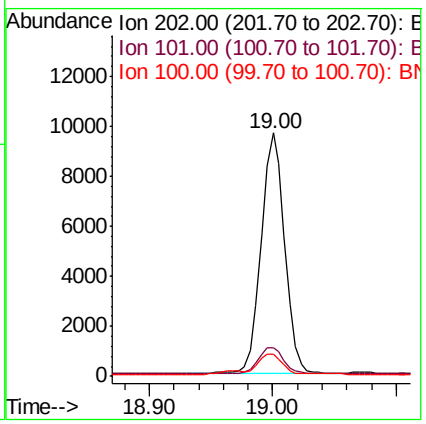
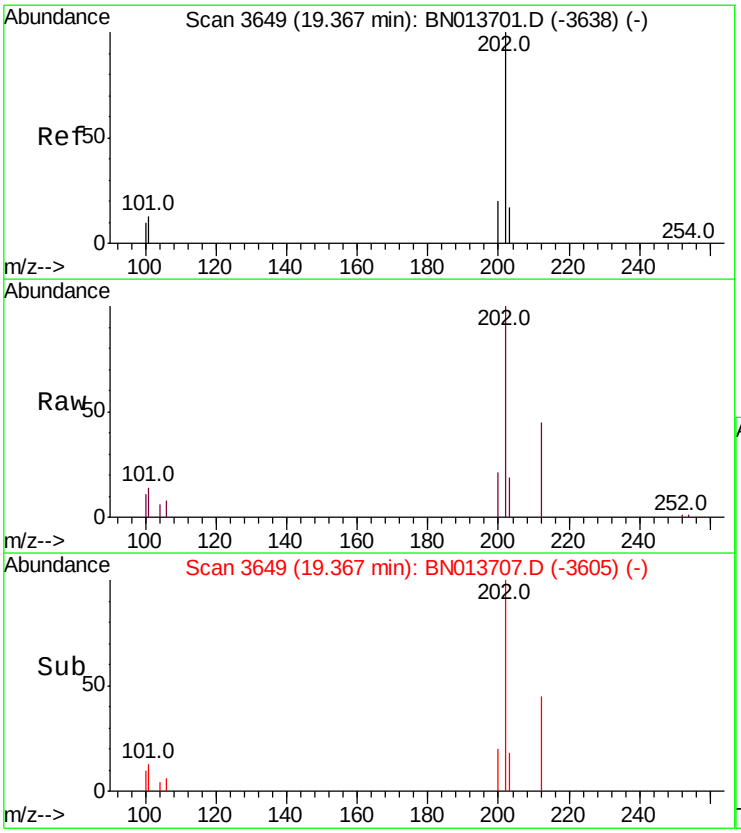
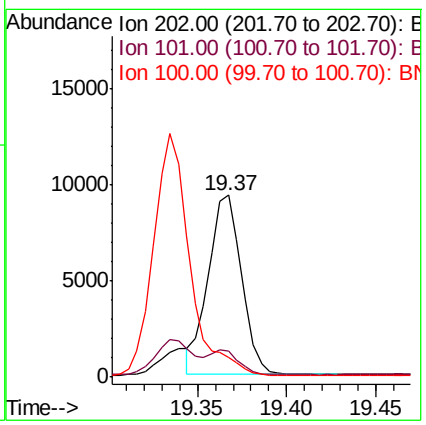


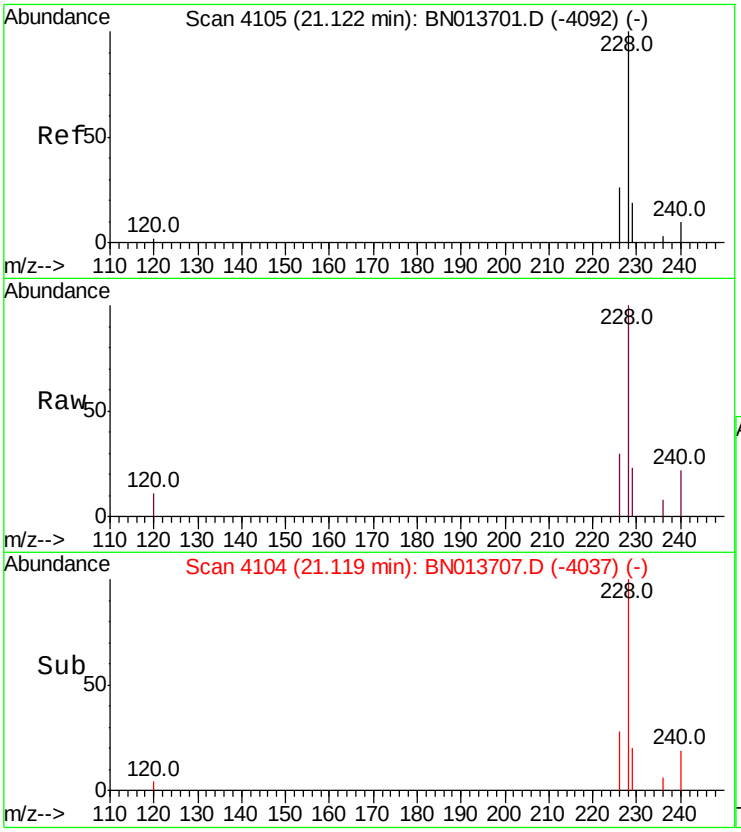


#17
Pyrene
Concen: 0.195 ng/ul m
RT: 19.37 min Scan# 3649
Delta R.T. 0.00 min
Lab File: BN013707.D
Acq: 21 Feb 2021 03:06

Tgt Ion:202 Resp: 12117

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.5	17.3
100	11.1	9.3	13.9

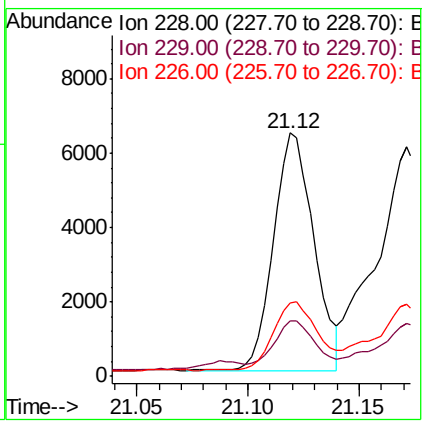




#18
Benzo(a)anthracene
Concen: 0.144 ng/ul
RT: 21.12 min Scan# 4104
Delta R.T. -0.00 min
Lab File: BN013707.D
Acq: 21 Feb 2021 03:06

Tgt Ion:228 Resp: 8027

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.8	23.8
226	30.2	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
DBH23

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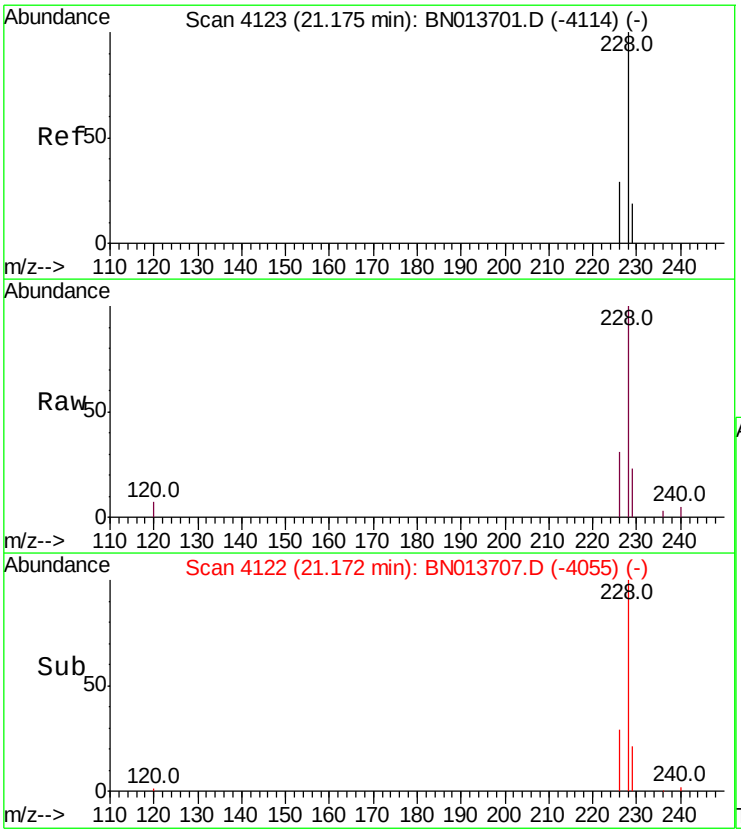
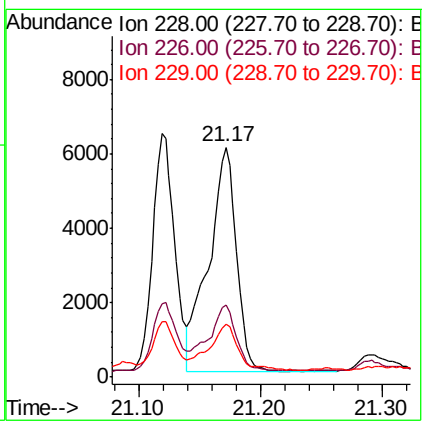
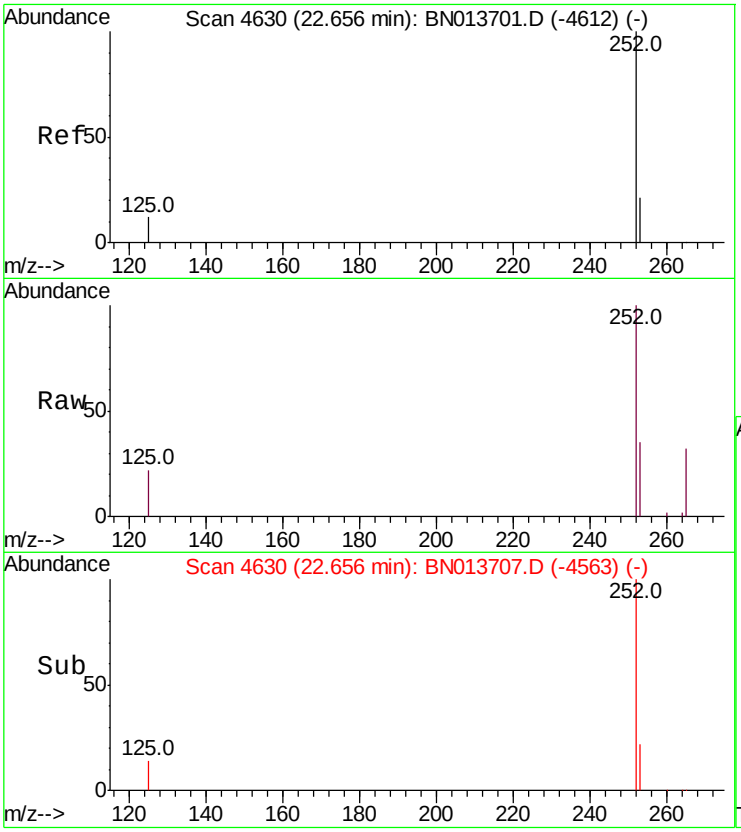


#19
Chrysene
Concen: 0.165 ng/ul
RT: 21.17 min Scan# 4122
Delta R.T. -0.00 min
Lab File: BN013707.D
Acq: 21 Feb 2021 03:06

Tgt Ion:228 Resp: 9565

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	23.1	15.6	23.4

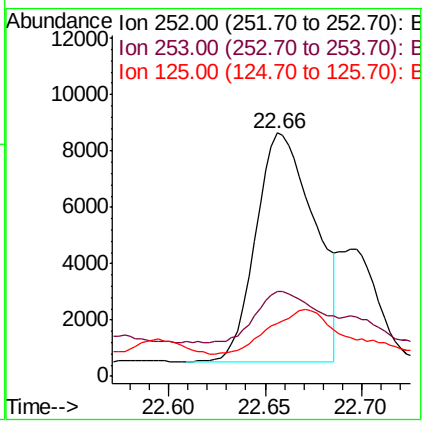




#21
Benzo(b)fluoranthene
Concen: 0.287 ng/ul m
RT: 22.66 min Scan# 4630
Delta R.T. -0.00 min
Lab File: BN013707.D
Acq: 21 Feb 2021 03:06

Tgt Ion:252 Resp: 17043

Ion	Ratio	Lower	Upper
252	100		
253	34.7	0.0	55.4
125	21.9	0.0	31.6



Instrument :
BNA_N
ClientSampleId :
DBH23

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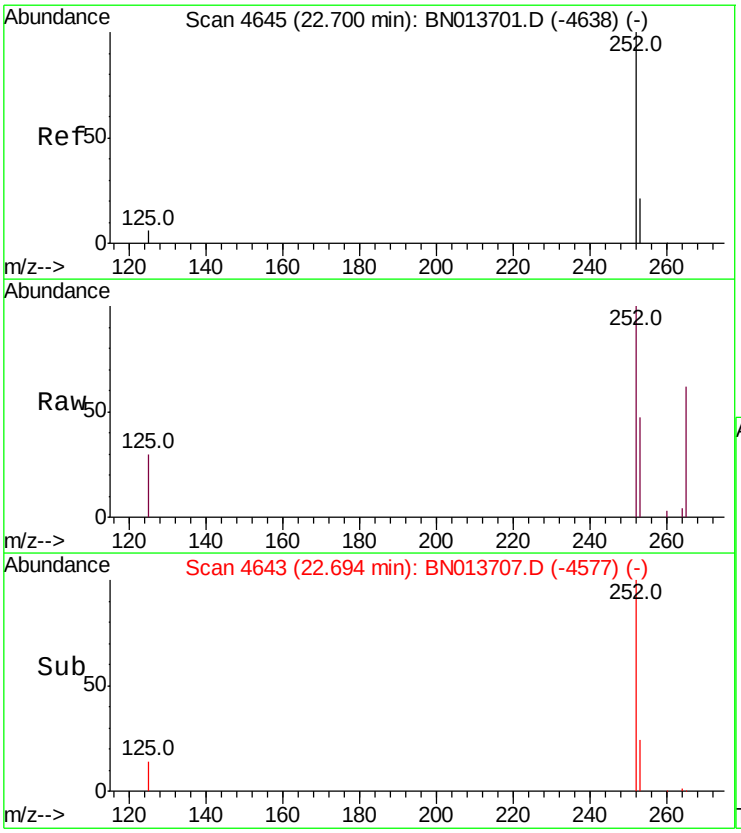
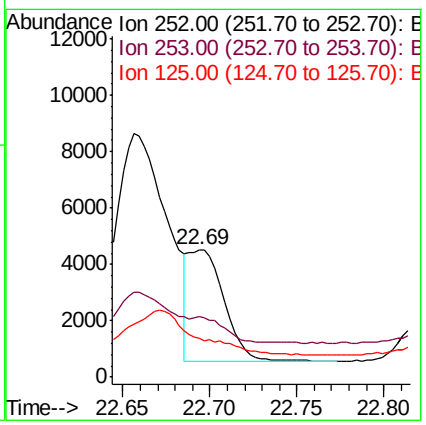
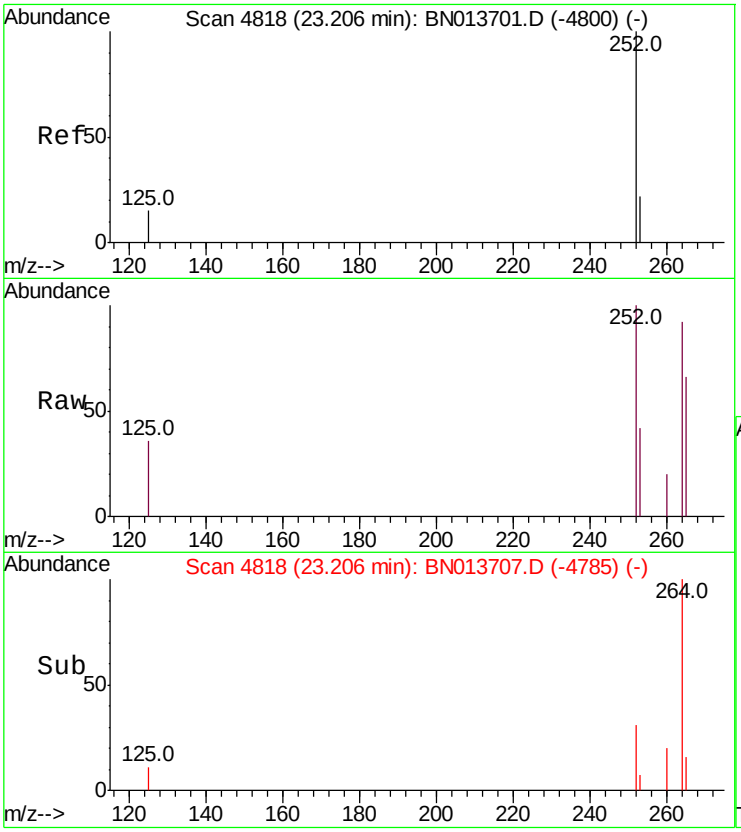


#22
Benzo(k)fluoranthene
Concen: 0.092 ng/ul m
RT: 22.69 min Scan# 4643
Delta R.T. -0.01 min
Lab File: BN013707.D
Acq: 21 Feb 2021 03:06

Tgt Ion:252 Resp: 5599

Ion	Ratio	Lower	Upper
252	100		
253	47.3	22.2	33.2#
125	30.4	12.4	18.6#





#23
Benzo(a)pyrene
Concen: 0.165 ng/ul
RT: 23.21 min Scan# 4818
Delta R.T. -0.00 min
Lab File: BN013707.D
Acq: 21 Feb 2021 03:06

Tgt Ion:252 Resp: 8690

Ion	Ratio	Lower	Upper
252	100		
253	41.5	23.8	35.8#
125	35.9	17.0	25.6#

Instrument :
BNA_N
ClientSampleId :
DBH23

Manual Integrations APPROVED
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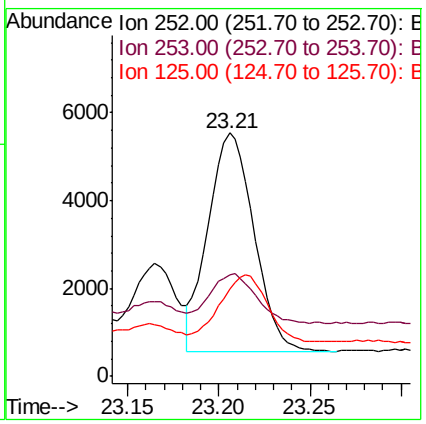
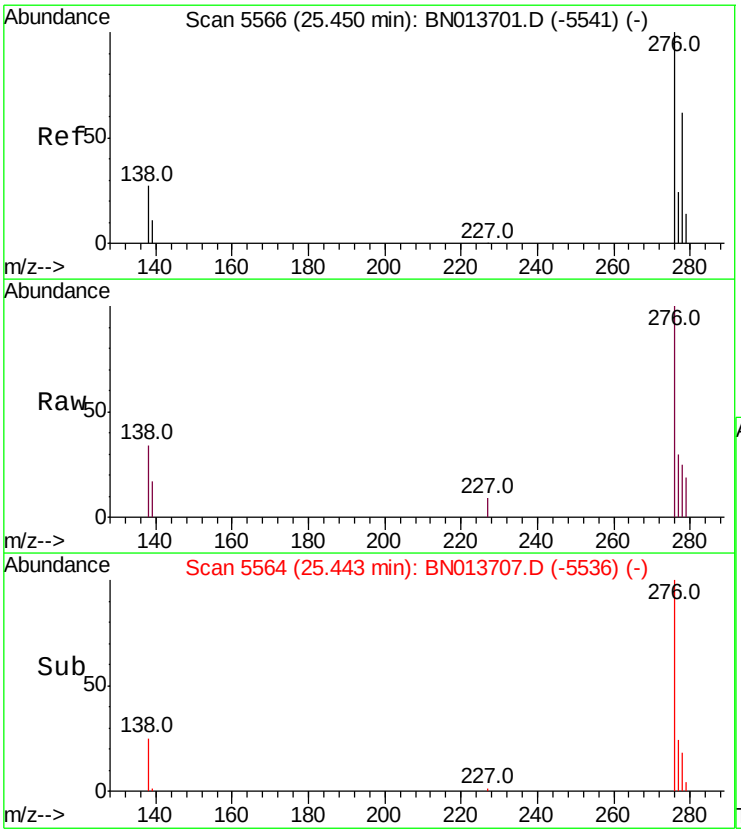
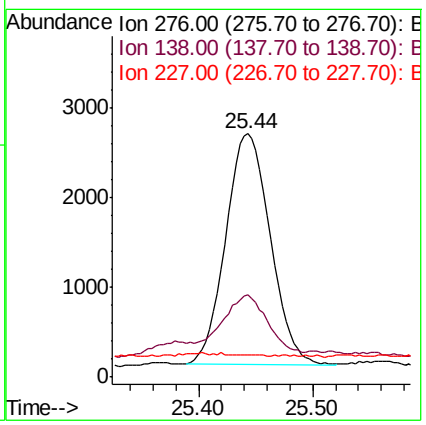


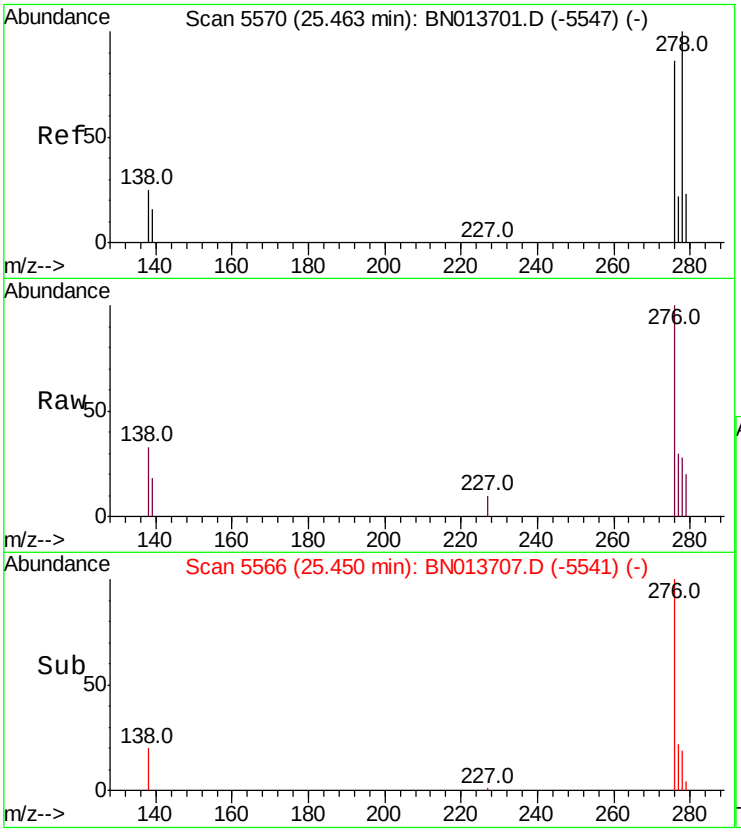


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 25.44 min Scan# 5564
Delta R.T. -0.01 min
Lab File: BN013707.D
Acq: 21 Feb 2021 03:06

Tgt Ion:276 Resp: 6929

Ion	Ratio	Lower	Upper
276	100		
138	26.2	22.7	34.1
227	0.2	0.1	0.1#





#25
Dibenzo(a,h)anthracene
Concen: 0.033 ng/ul
RT: 25.45 min Scan# 5566
Delta R.T. -0.02 min
Lab File: BN013707.D
Acq: 21 Feb 2021 03:06

Tgt Ion:278 Resp: 1824

Ion	Ratio	Lower	Upper
278	100		
139	64.8	17.6	26.4#
279	70.8	21.5	32.3#

Instrument :
BNA_N
ClientSampleId :
DBH23

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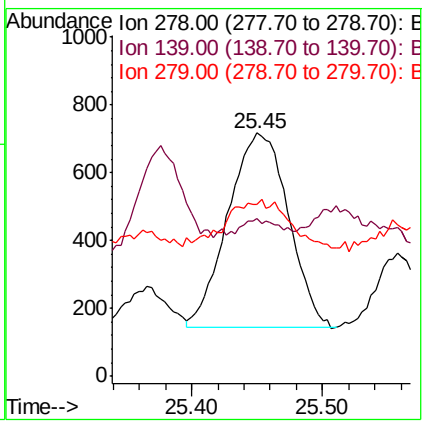

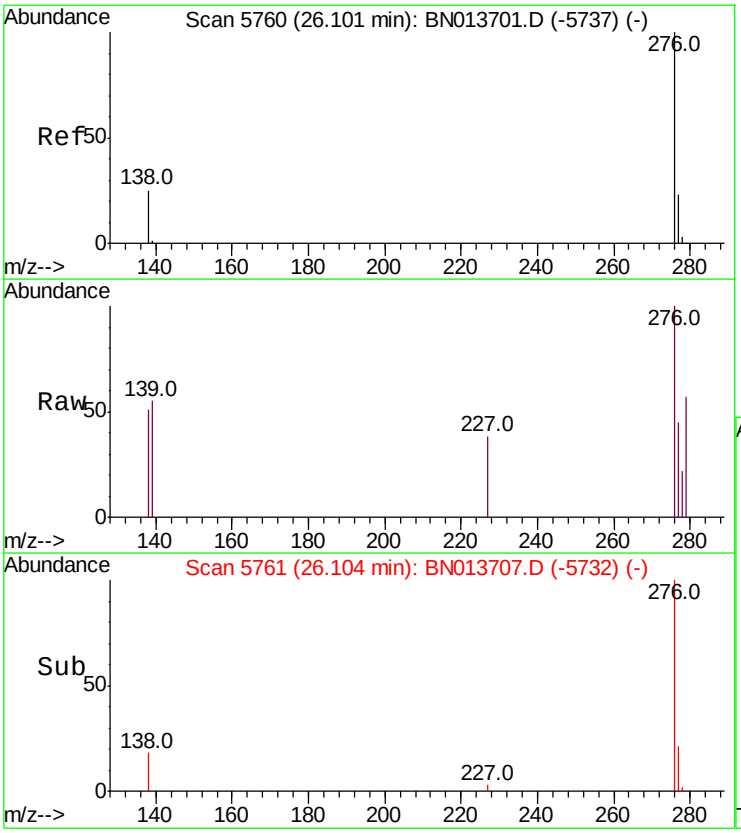

#26
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 26.10 min Scan# 5761
Delta R.T. -0.00 min
Lab File: BN013707.D
Acq: 21 Feb 2021 03:06

Tgt Ion:276 Resp: 1548

Ion	Ratio	Lower	Upper
276	100		
138	50.9	21.0	31.4#
277	44.8	19.4	29.0#