Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006576.D
Acq On : 25 Jun 2019 18:34
Operator : HP/JU
Sample : K3362-16DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Jun 25 19:07:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : A4207DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5409	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	20168	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9439	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	16757	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	9743	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	12693	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1762	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	2507	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	2637	0.047	ng/ul#	93
7) Acenaphthylene	14.00	152	15082	0.287	ng/ul	99
8) Acenaphthene	14.34	153	1048	0.029	ng/ul	95
9) Fluorene	15.34	166	1686	0.040	ng/ul#	92
12) Phenanthrene	17.08	178	15165	0.282	ng/ul	99
13) Anthracene	17.17	178	8911	0.173	ng/ul	97
15) Fluoranthene	19.11	202	34383	0.579	ng/ul	99
17) Pyrene	19.48	202	45291	0.883	ng/ul	98
18) Benzo(a)anthracene	21.24	228	19025	0.441	ng/ul	95
19) Chrysene	21.30	228	21526	0.532	ng/ul	97
21) Benzo(b)fluoranthene	22.83	252	43881m	0.829	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	14557m	0.282	ng/ul	
23) Benzo(a)pyrene	23.39	252	33766	0.685	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.73	276	25632	0.480	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.73	278	6063	0.142	ng/ul#	92
26) Benzo(g,h,i)perylene	26.41	276	24115	0.540	ng/ul	96

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

Quantitation Report (QT Reviewed)

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BNA_N
ClientSampleId :
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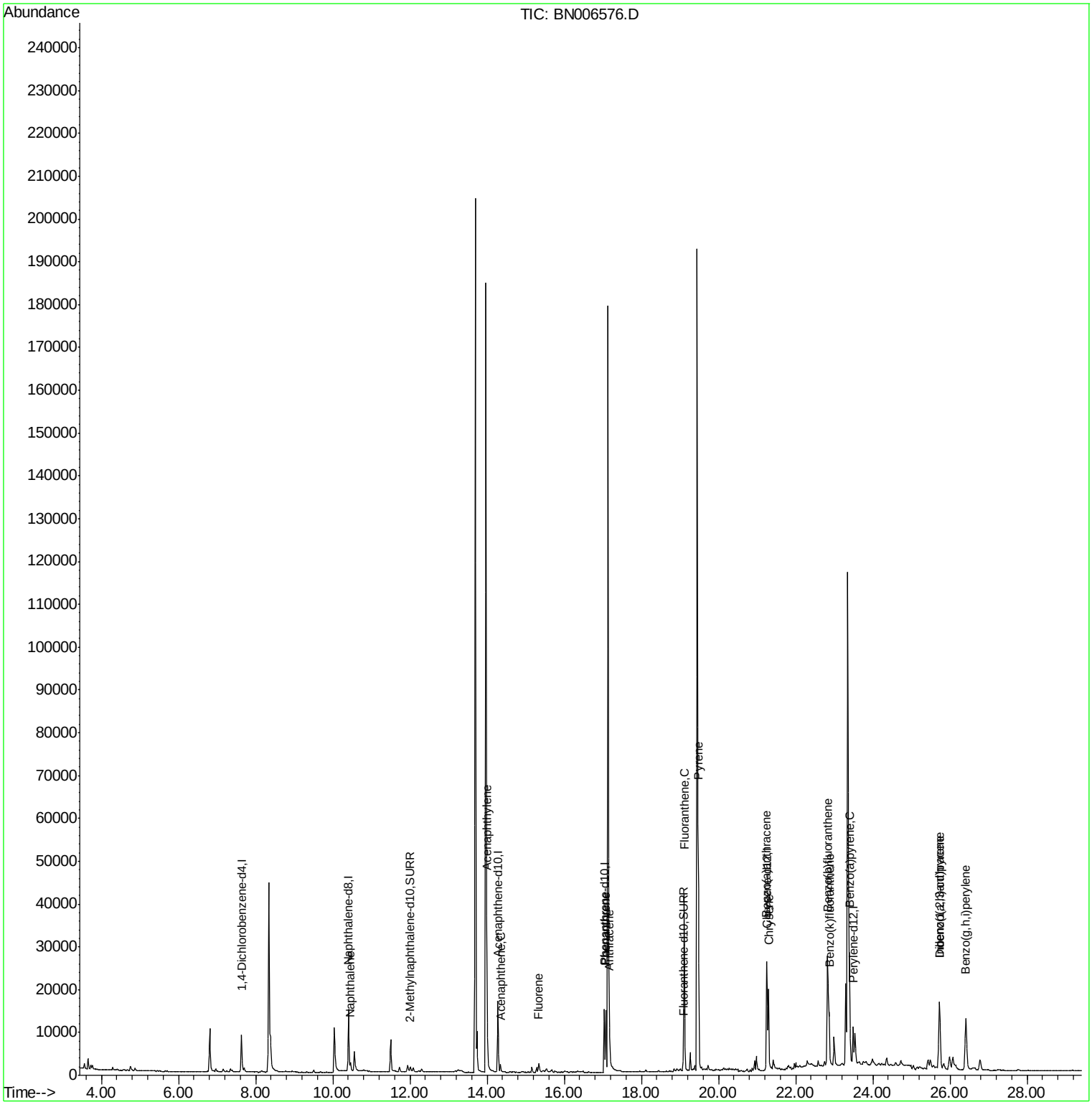
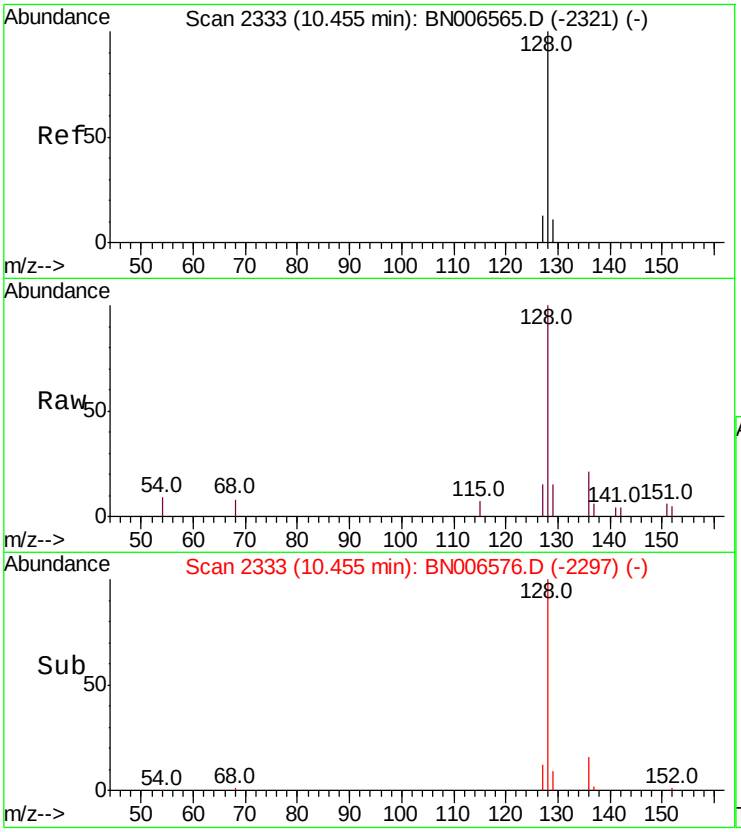
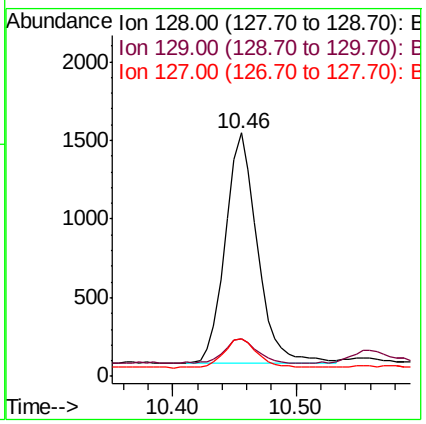




#3
Naphthalene
Concen: 0.047 ng/ul
RT: 10.46 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:128 Resp: 2637

Ion	Ratio	Lower	Upper
128	100		
129	15.4	9.3	13.9#
127	15.3	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
A4207DL

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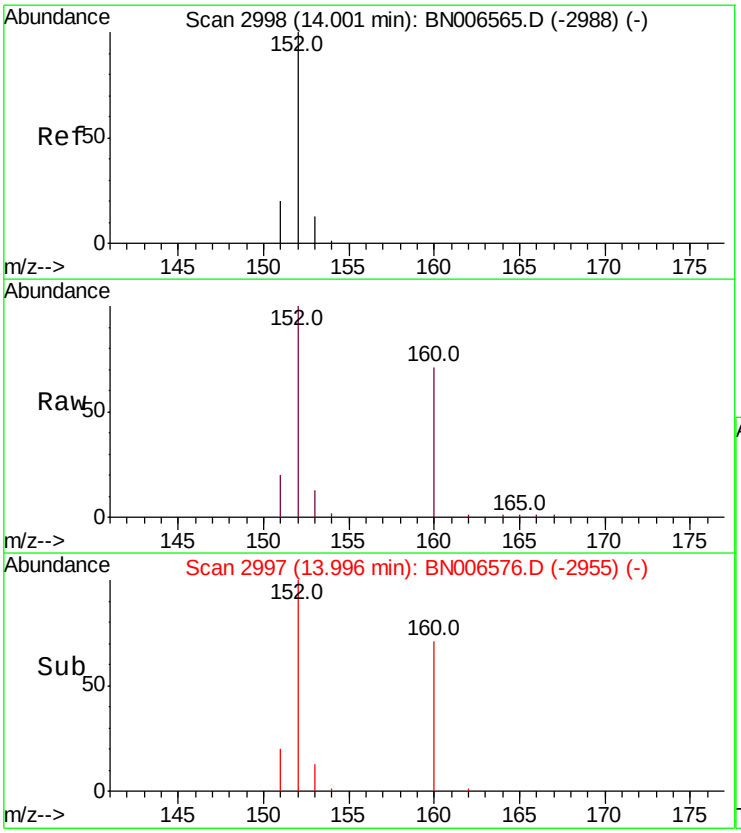
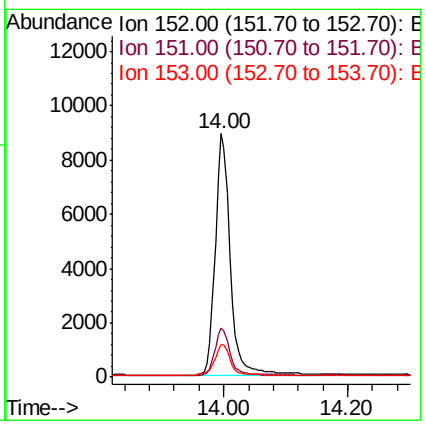
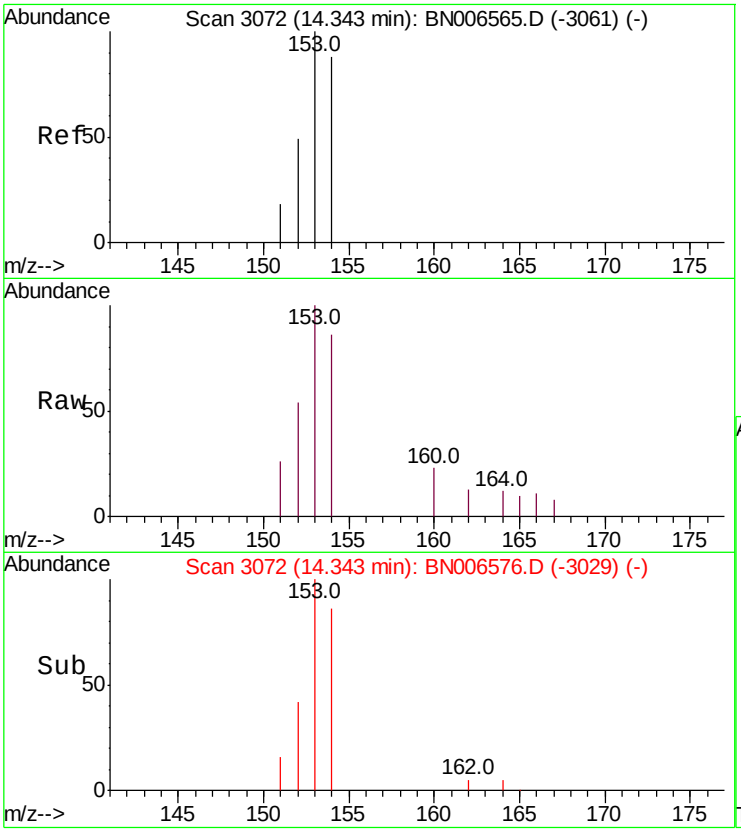


#7
Acenaphthylene
Concen: 0.287 ng/ul
RT: 14.00 min Scan# 2997
Delta R.T. -0.00 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:152 Resp: 15082

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.5	10.8	16.2





#8
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. -0.00 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:153 Resp: 1048

Ion	Ratio	Lower	Upper
153	100		
152	54.4	39.1	58.7
154	86.2	71.1	106.7

Instrument :
BNA_N
ClientSampleId :
A4207DL

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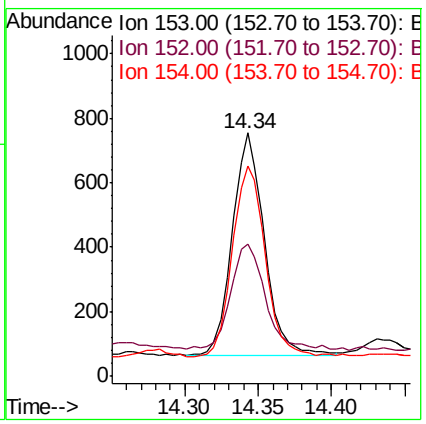
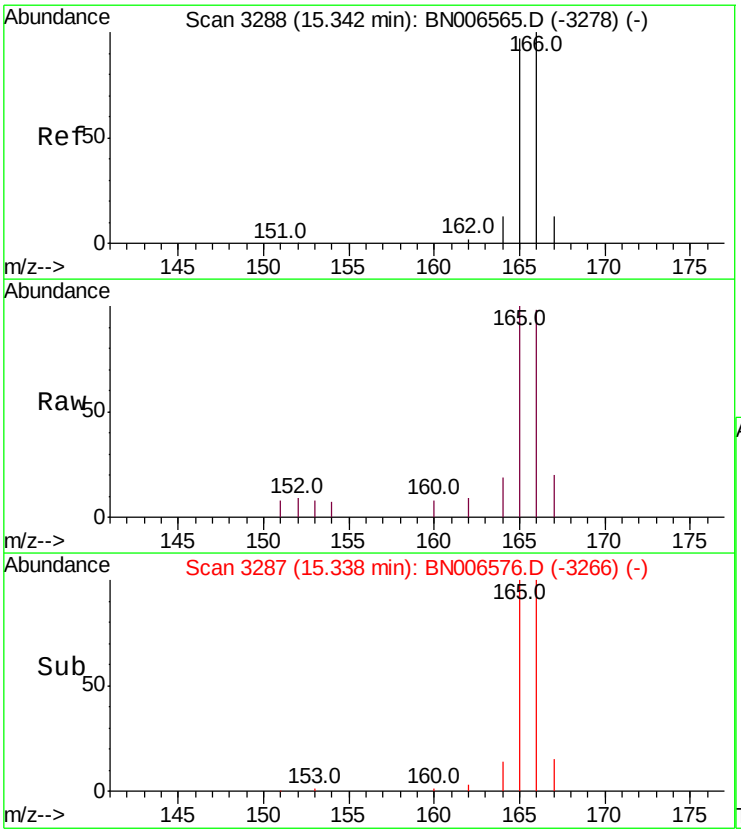
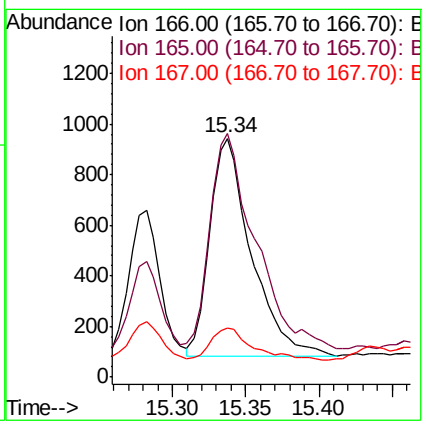


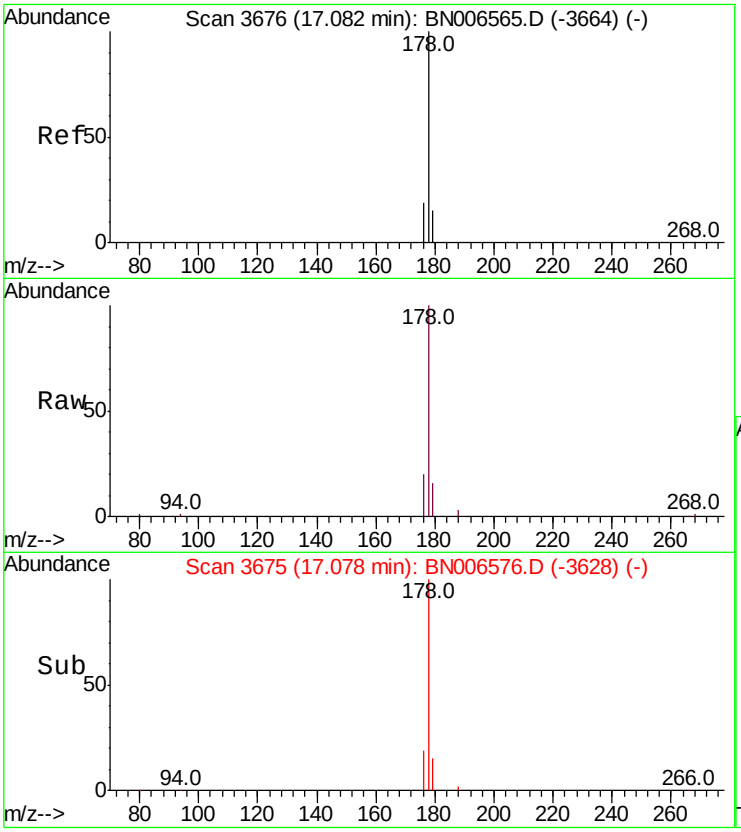


#9
Fluorene
Concen: 0.040 ng/ul
RT: 15.34 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:166 Resp: 1686

Ion	Ratio	Lower	Upper
166	100		
165	101.9	76.4	114.6
167	20.8	11.0	16.6#

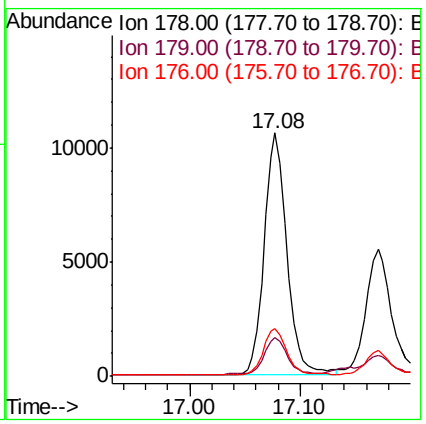




#12
Phenanthrene
Concen: 0.282 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:178 Resp: 15165

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.8	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A4207DL

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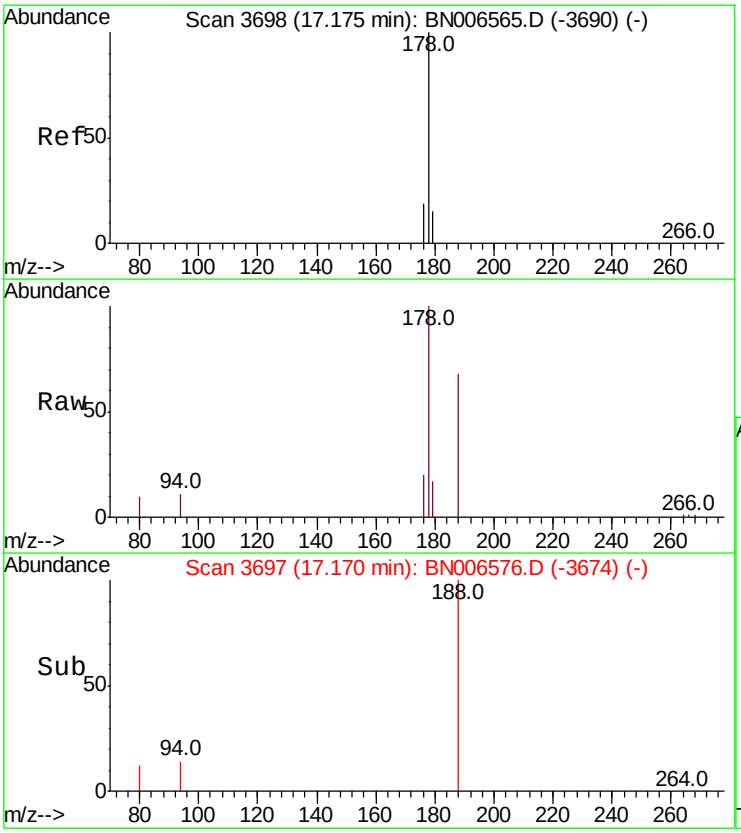
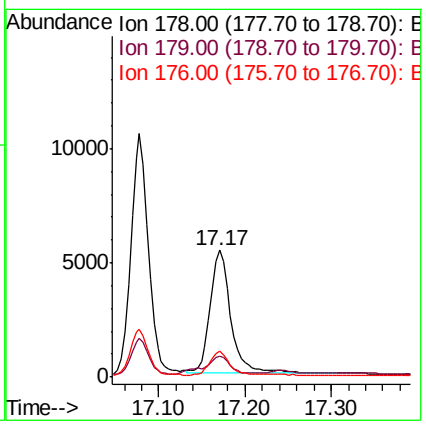
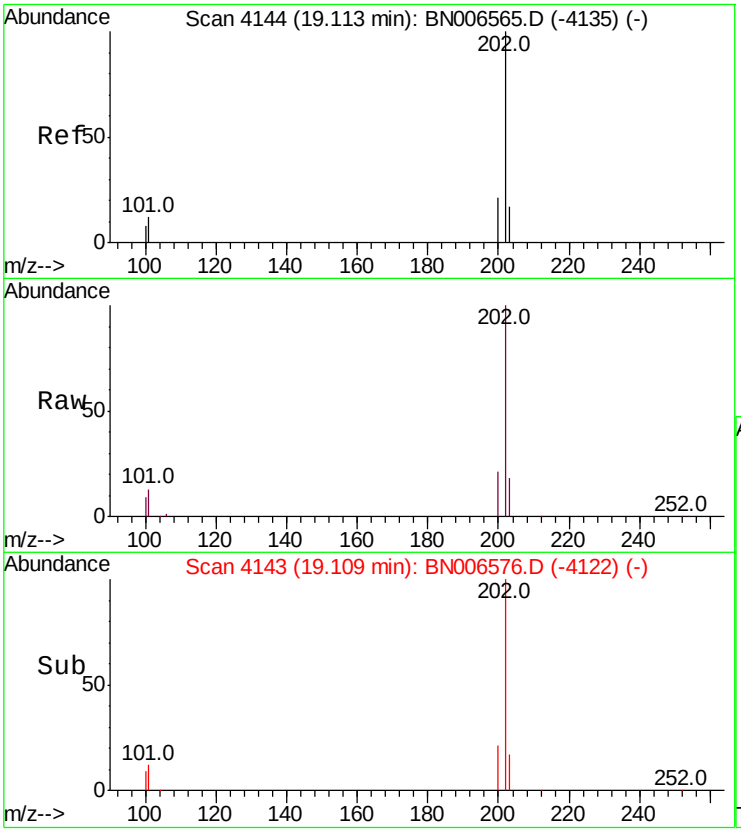


#13
Anthracene
Concen: 0.173 ng/ul
RT: 17.17 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:178 Resp: 8911

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.2	18.4
176	20.0	15.1	22.7

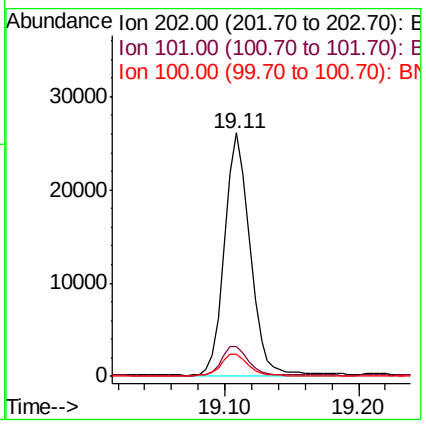




#15
Fluoranthene
Concen: 0.579 ng/ul
RT: 19.11 min Scan# 4143
Delta R.T. -0.00 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:202 Resp: 34383

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.1
100	9.0	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
A4207DL

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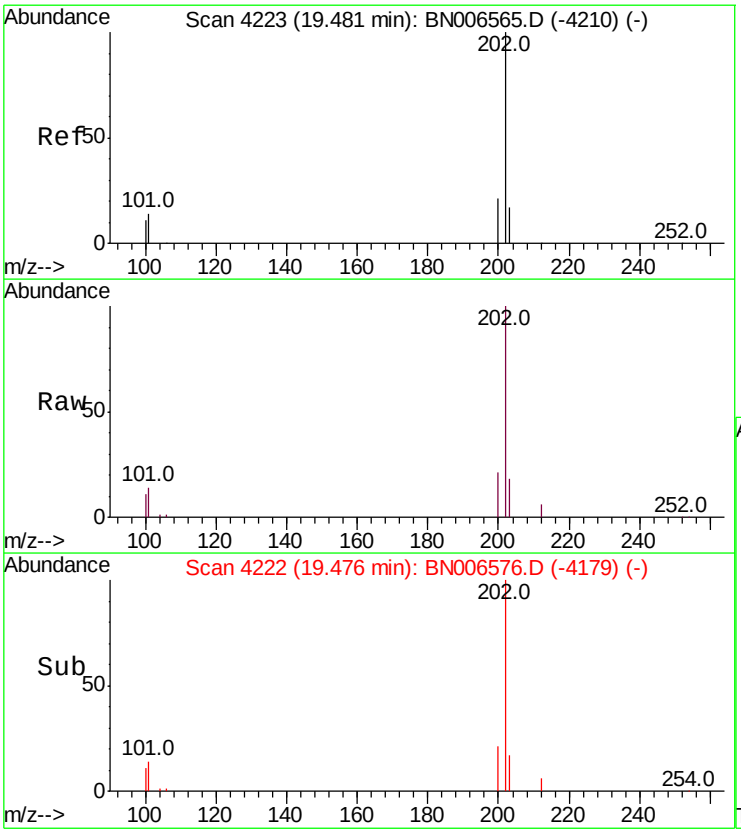
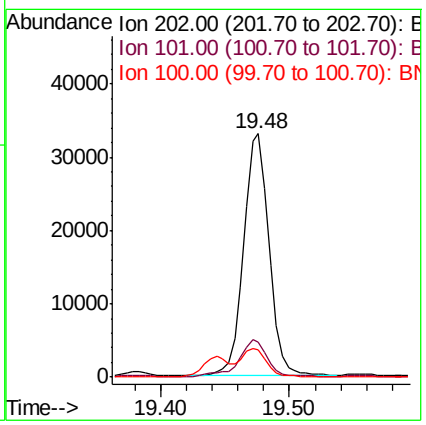
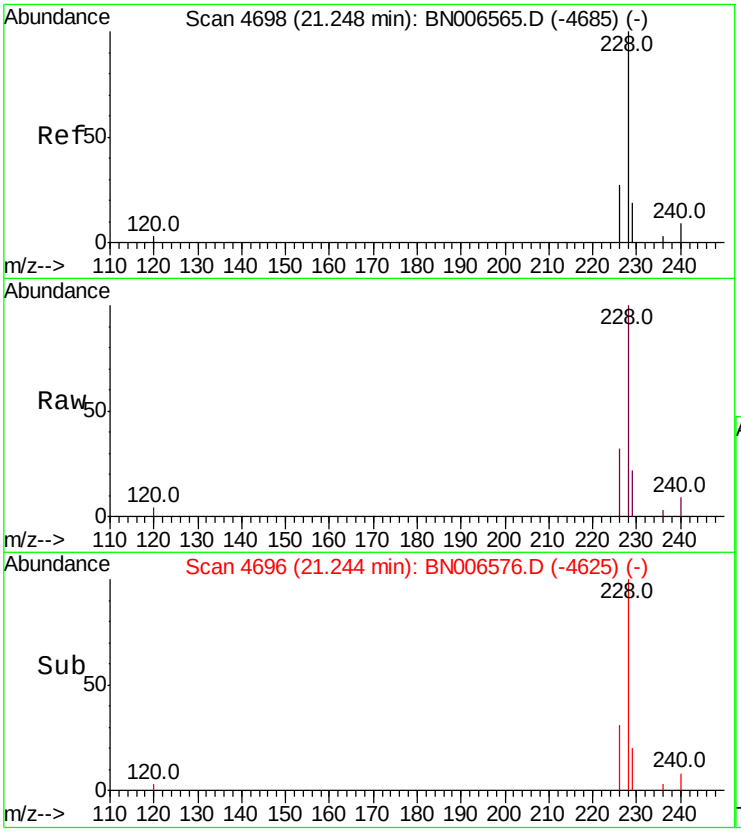


#17
Pyrene
Concen: 0.883 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.00 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:202 Resp: 45291

Ion	Ratio	Lower	Upper
202	100		
101	14.4	12.2	18.2
100	11.2	9.8	14.6

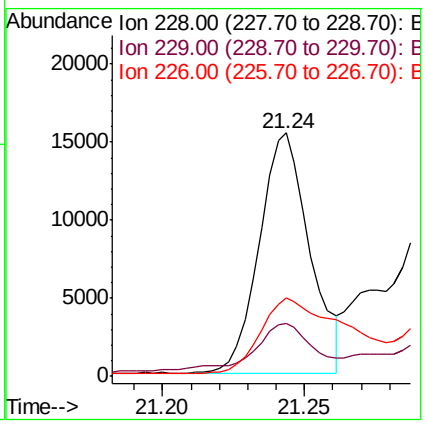




#18
Benzo(a)anthracene
Concen: 0.441 ng/ul
RT: 21.24 min Scan# 4696
Delta R.T. 0.01 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:228 Resp: 19025

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.5	24.7
226	32.3	22.8	34.2



Instrument :
BNA_N
ClientSampleId :
A4207DL

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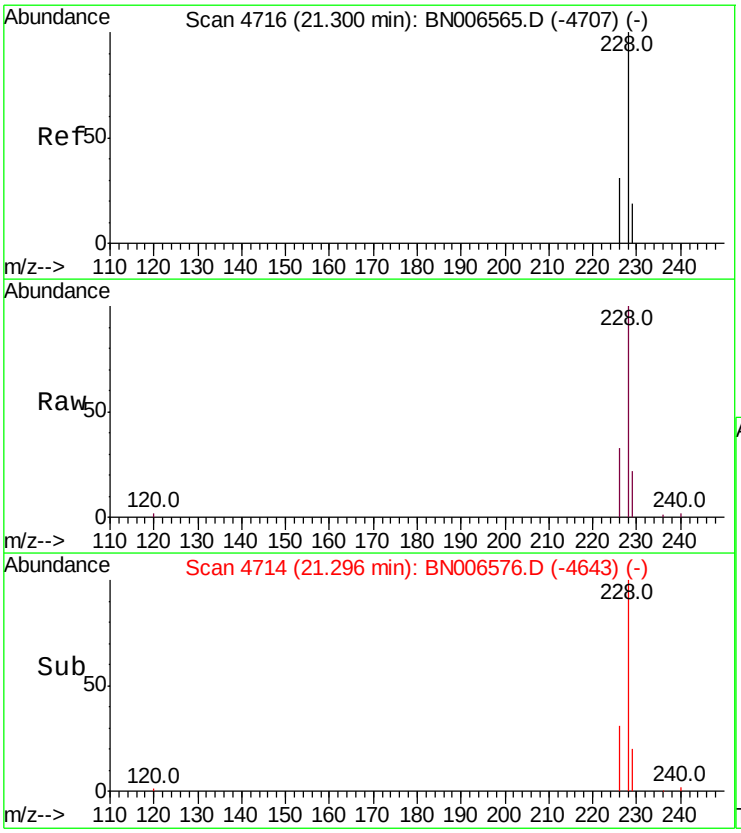
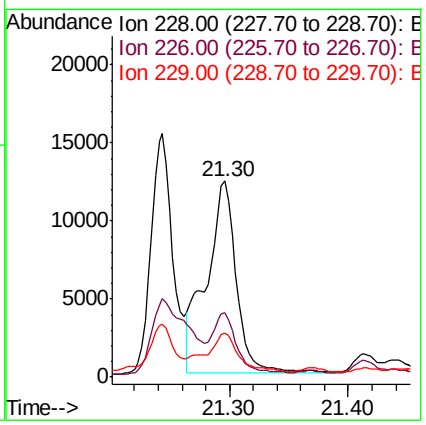
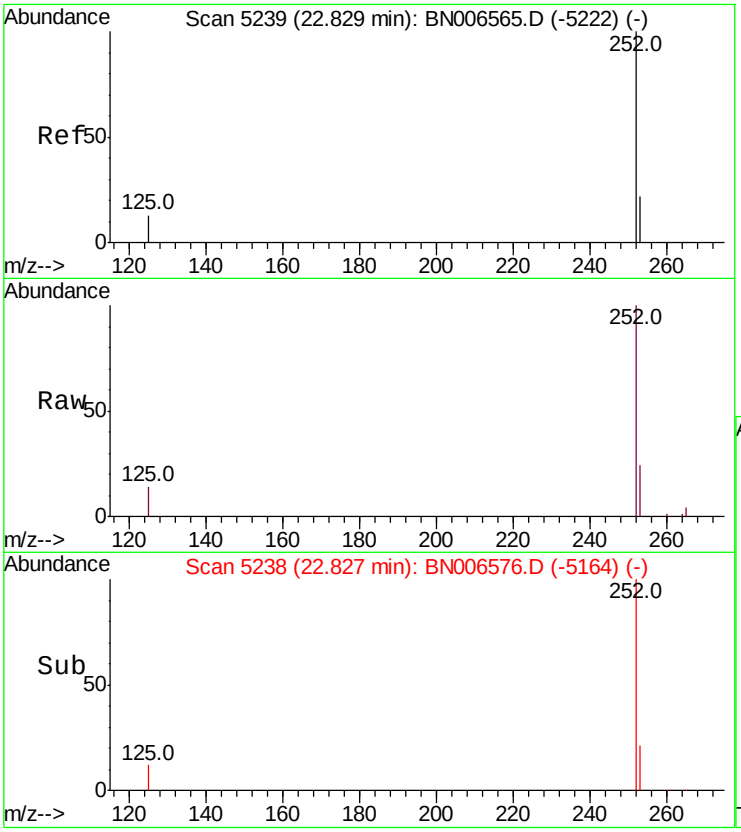


#19
Chrysene
Concen: 0.532 ng/ul
RT: 21.30 min Scan# 4714
Delta R.T. 0.01 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:228 Resp: 21526

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	22.3	16.3	24.5

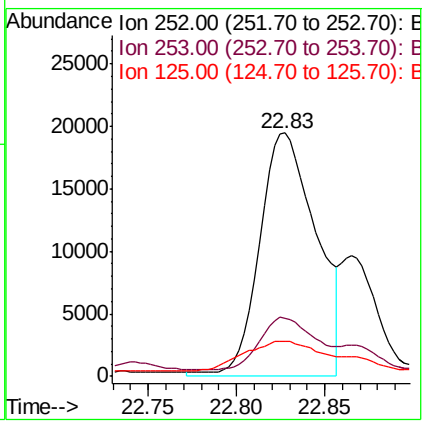




#21
Benzo(b)fluoranthene
Concen: 0.829 ng/ul m
RT: 22.83 min Scan# 5238
Delta R.T. 0.02 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:252 Resp: 43881

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	51.4
125	14.2	0.0	41.0



Instrument :
BNA_N
ClientSampleId :
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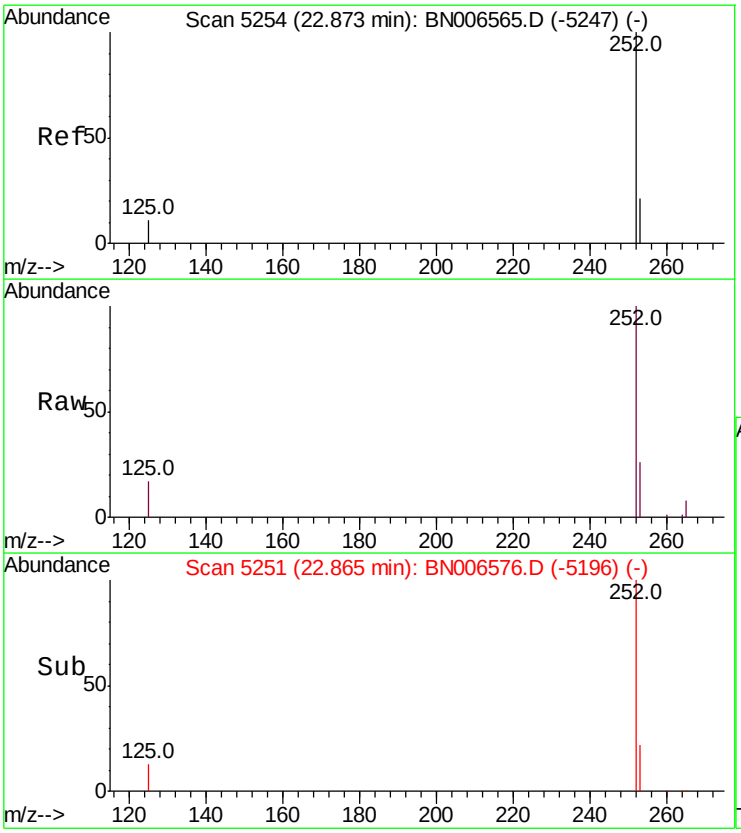
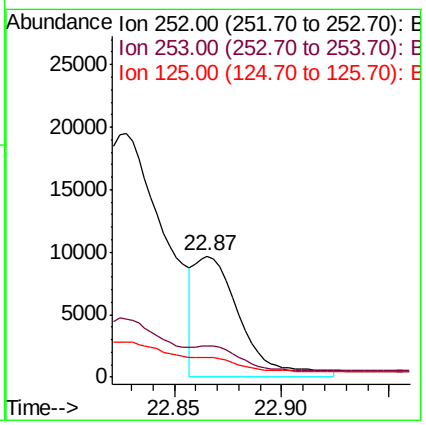
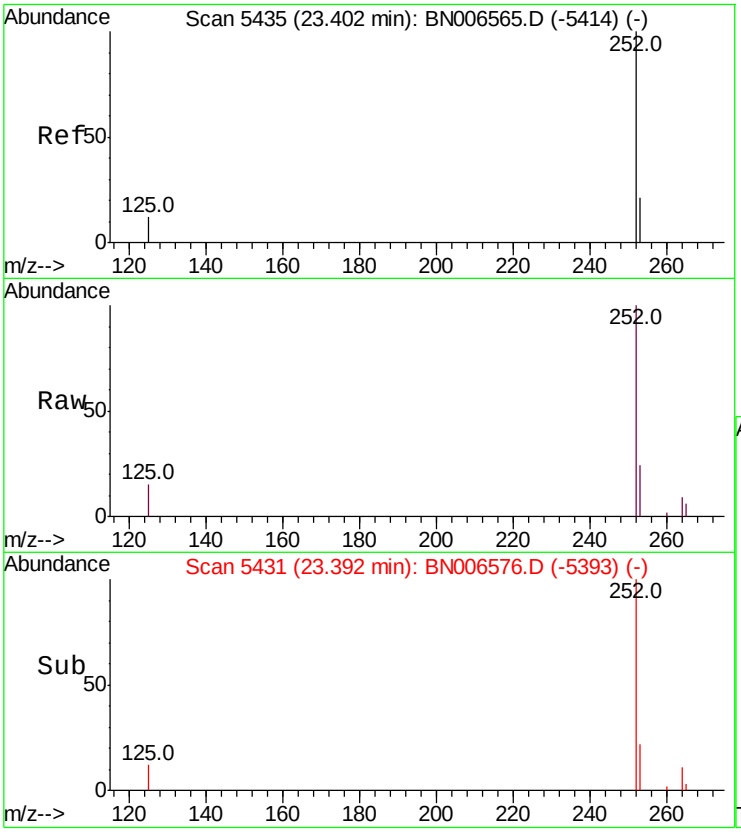


#22
Benzo(k)fluoranthene
Concen: 0.282 ng/ul m
RT: 22.87 min Scan# 5251
Delta R.T. 0.01 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:252 Resp: 14557

Ion	Ratio	Lower	Upper
252	100		
253	25.9	20.3	30.5
125	16.6	14.3	21.5





#23
Benzo(a)pyrene
Concen: 0.685 ng/ul
RT: 23.39 min Scan# 5431
Delta R.T. 0.01 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:252 Resp: 33766

Ion	Ratio	Lower	Upper
252	100		
253	24.1	21.1	31.7
125	15.1	20.3	30.5#

Instrument :
BNA_N
ClientSampleId :
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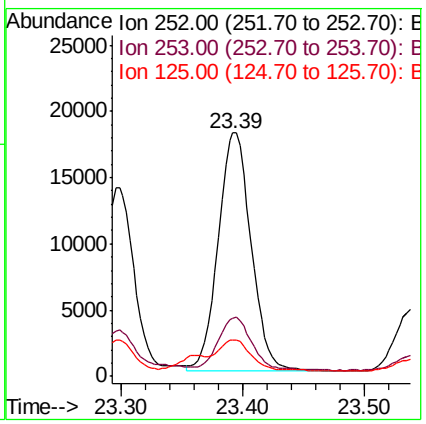
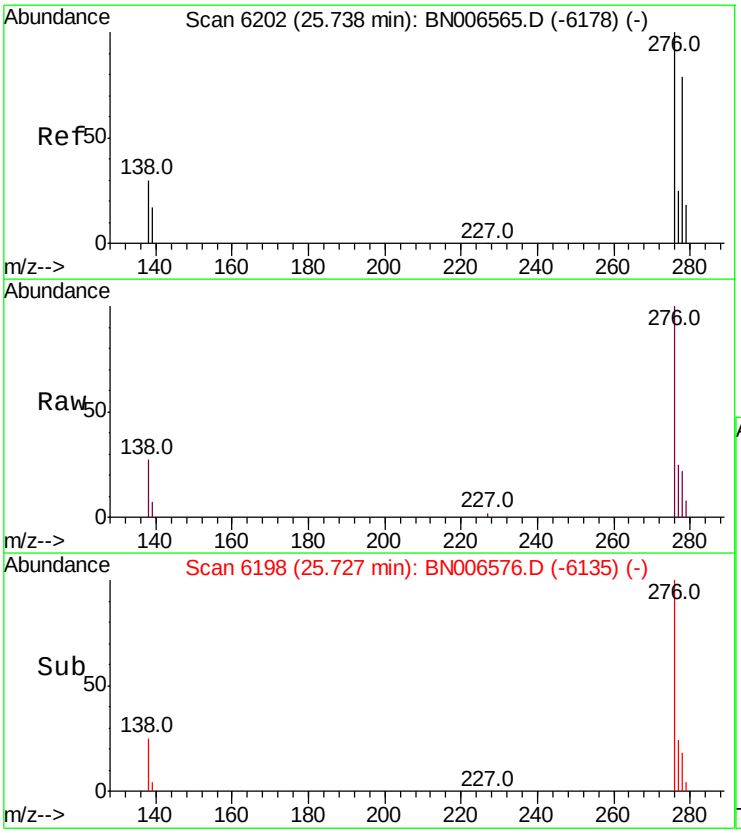
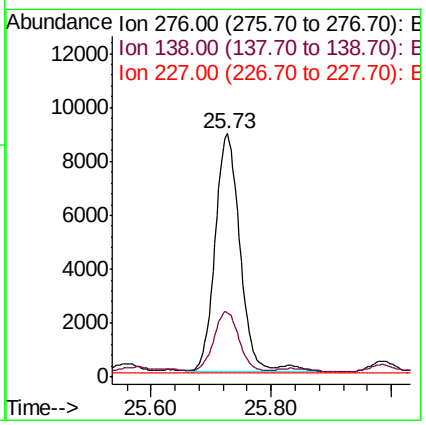


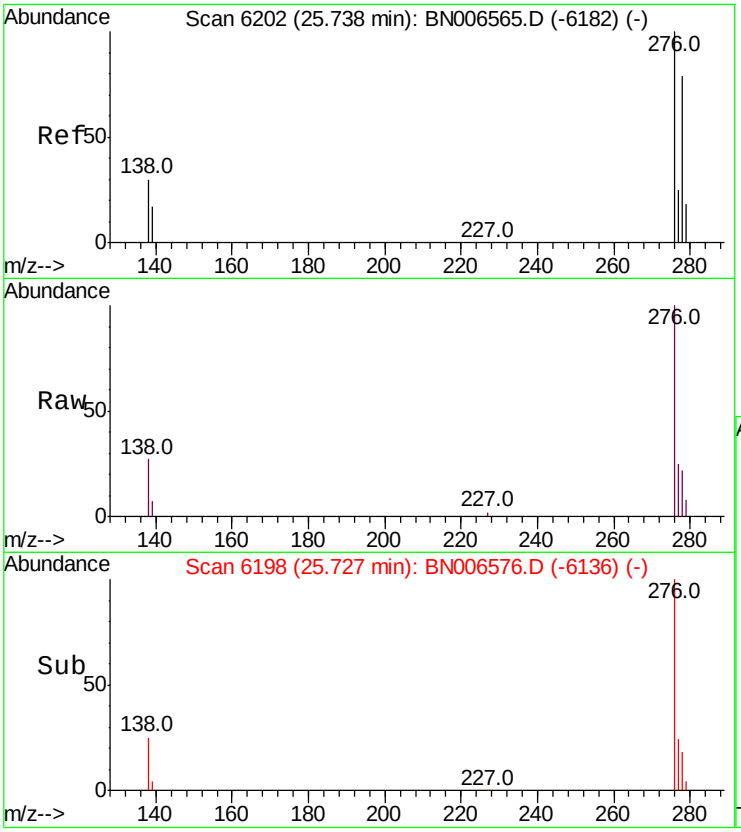


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.480 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. 0.01 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:276 Resp: 25632

Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.6	38.4#
227	0.1	0.3	0.5#





#25
Dibenzo(a,h)anthracene
Concen: 0.142 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. 0.01 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:278 Resp: 6063

Ion	Ratio	Lower	Upper
278	100		
139	29.5	21.2	31.8
279	33.8	22.6	33.8#

Instrument :
BNA_N
ClientSampleId :
A4207DL

Manual Integrations APPROVED
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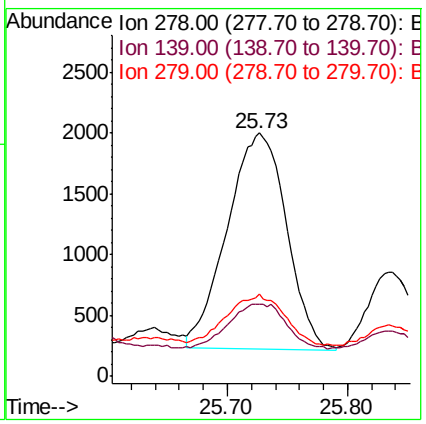

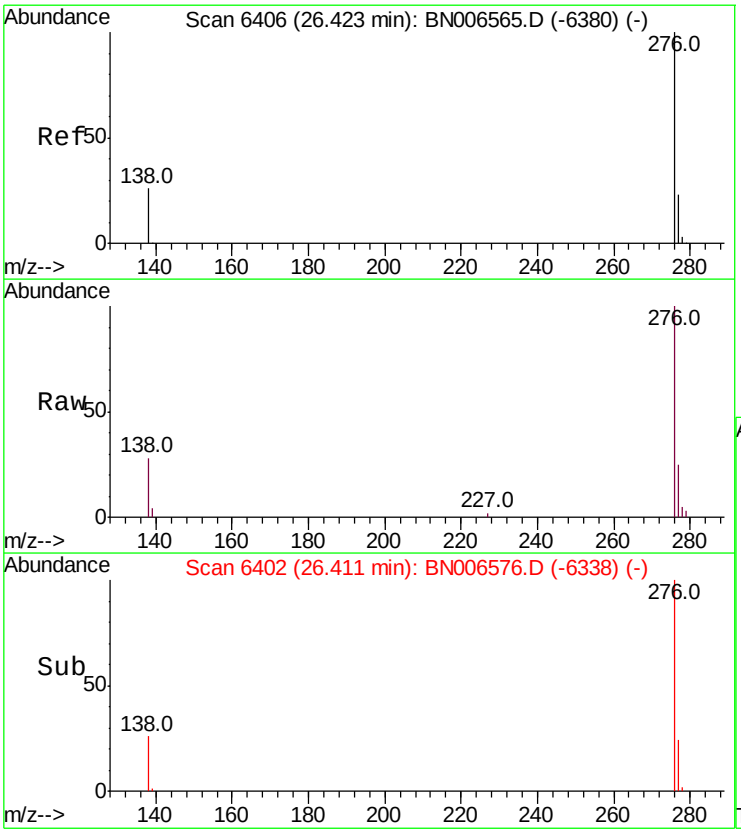

#26
Benzo(g,h,i)perylene
Concen: 0.540 ng/ul
RT: 26.41 min Scan# 6402
Delta R.T. 0.02 min
Lab File: BN006576.D
Acq: 25 Jun 2019 18:34

Tgt Ion:276 Resp: 24115

Ion	Ratio	Lower	Upper
276	100		
138	27.9	24.2	36.4
277	25.4	21.5	32.3