Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000419.D
Acq On : 15 Mar 2018 17:10
Operator : JU/SJ
Sample : J1865-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAME0

Manual Integrations APPROVED
Sohil
3/16/2018 12:11:25 PM

Quant Time: Mar 16 06:58:31 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 06:47:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	164255	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	803743	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	465743	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1067667	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	989888	20.00	ng/ul	0.00
22) Perylene-d12	24.41	264	950644	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	2031996	43.96	ng/ul	0.00
10) Fluorene-d10	16.05	176	1348305	43.07	ng/ul	0.00
14) Anthracene-d10	17.89	188	2133916	42.78	ng/ul	0.00
18) Pyrene-d10	20.14	212	2307243	47.64	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.25	264	1859039	42.82	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.34	128	52959	1.249	ng/ul	97
4) 2-Methylnaphthalene	12.92	142	31473	1.054	ng/ul	98
8) Acenaphthylene	14.80	152	122441	2.636	ng/ul	98
13) Phenanthrene	17.83	178	561259	9.166	ng/ul	99
15) Anthracene	17.92	178	223900	3.604	ng/ul	99
16) Fluoranthene	19.81	202	1820165	27.513	ng/ul#	93
19) Pyrene	20.17	202	1673652	26.780	ng/ul#	88
20) Benzo(a)anthracene	21.90	228	1182399	19.214	ng/ul	97
21) Chrysene	21.95	228	1207160	20.671	ng/ul	97
23) Benzo(b)fluoranthene	23.65	252	2042822m	36.036	ng/ul	
24) Benzo(k)fluoranthene	23.69	252	667480m	12.579	ng/ul	
26) Benzo(a)pyrene	24.30	252	1393324	25.825	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.98	276	1120643	19.264	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.98	278	294268	6.172	ng/ul#	81
29) Benzo(g,h,i)perylene	27.78	276	965574	19.879	ng/ul#	88

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

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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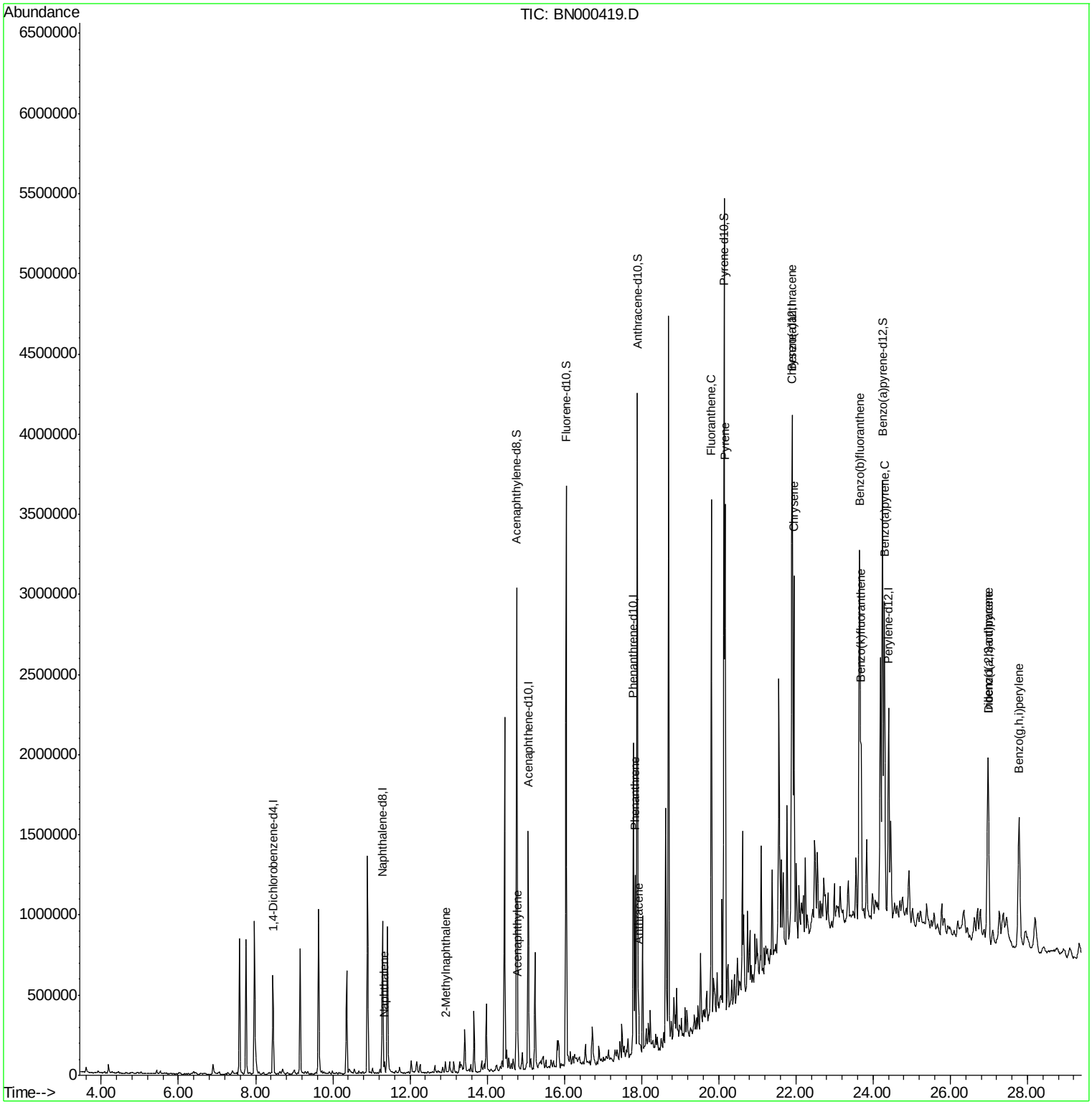
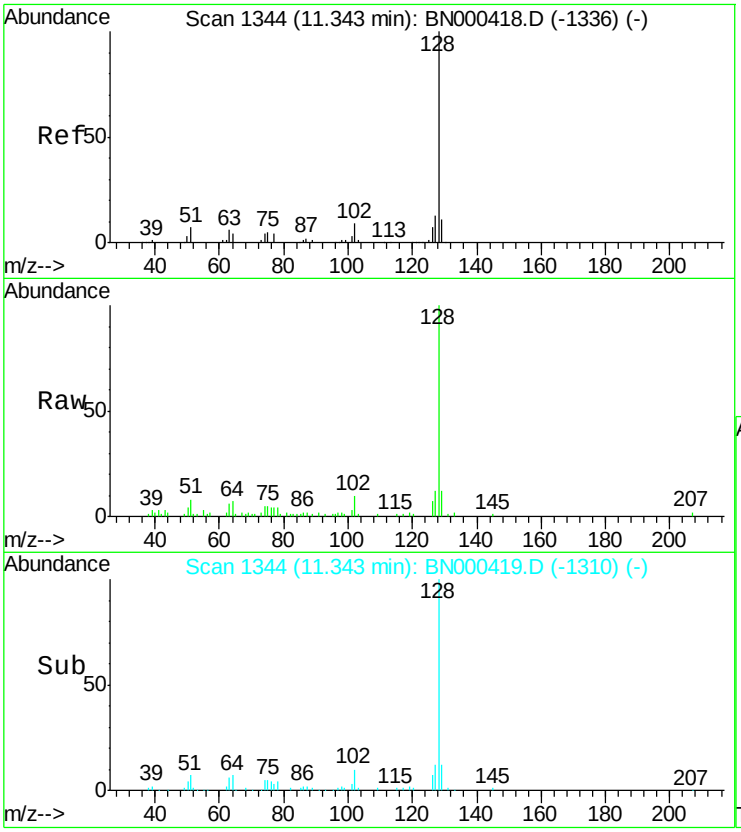
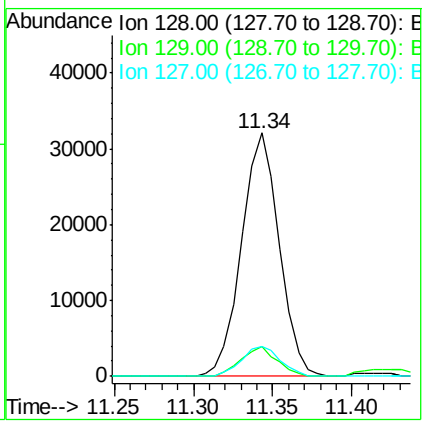




#3
Naphthalene
Concen: 1.249 ng/ul
RT: 11.34 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:128 Resp: 52959

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.7	13.1
127	12.0	10.6	16.0



Instrument :
BNA_N
ClientSampleId :
DAME0

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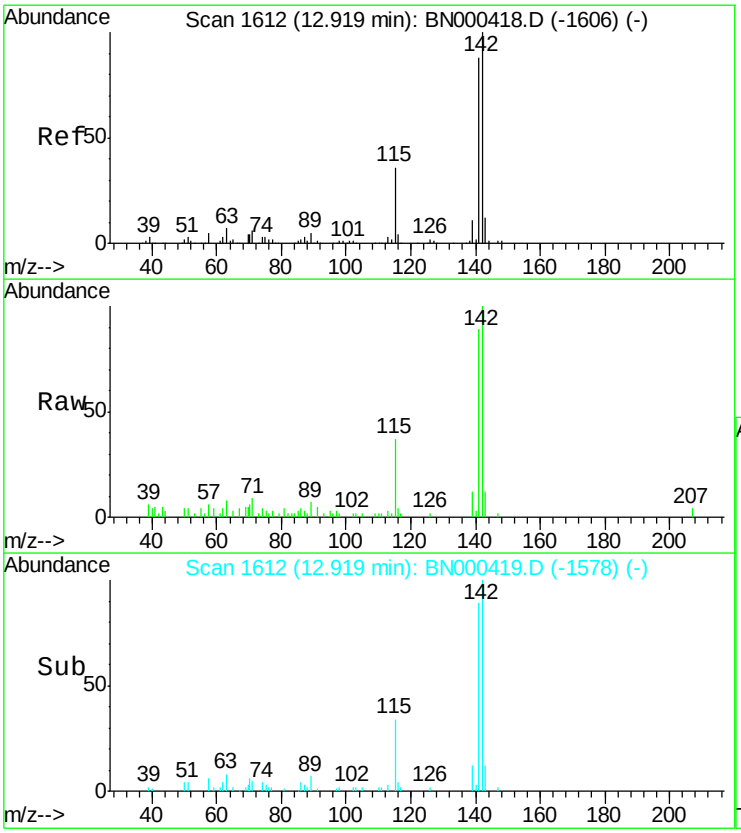
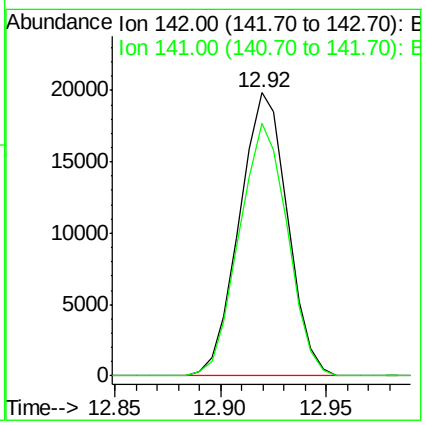
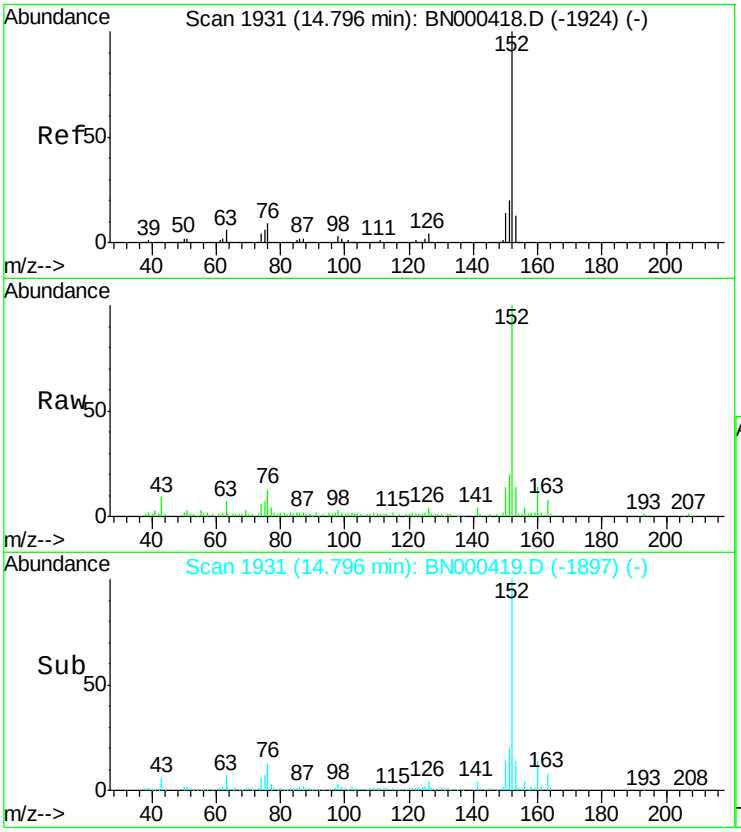


#4
2-Methylnaphthalene
Concen: 1.054 ng/ul
RT: 12.92 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:142 Resp: 31473

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.7	109.1

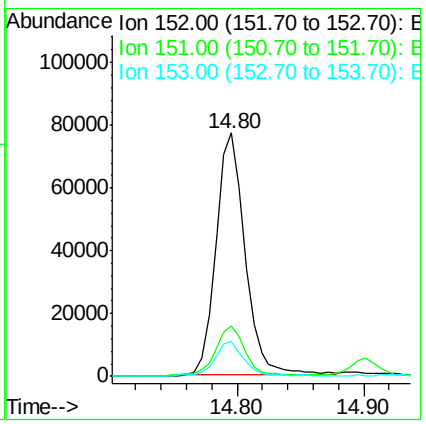




#8
Acenaphthylene
Concen: 2.636 ng/ul
RT: 14.80 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:152 Resp: 122441

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1
153	14.2	10.2	15.4



Instrument :
BNA_N
ClientSampleId :
DAME0

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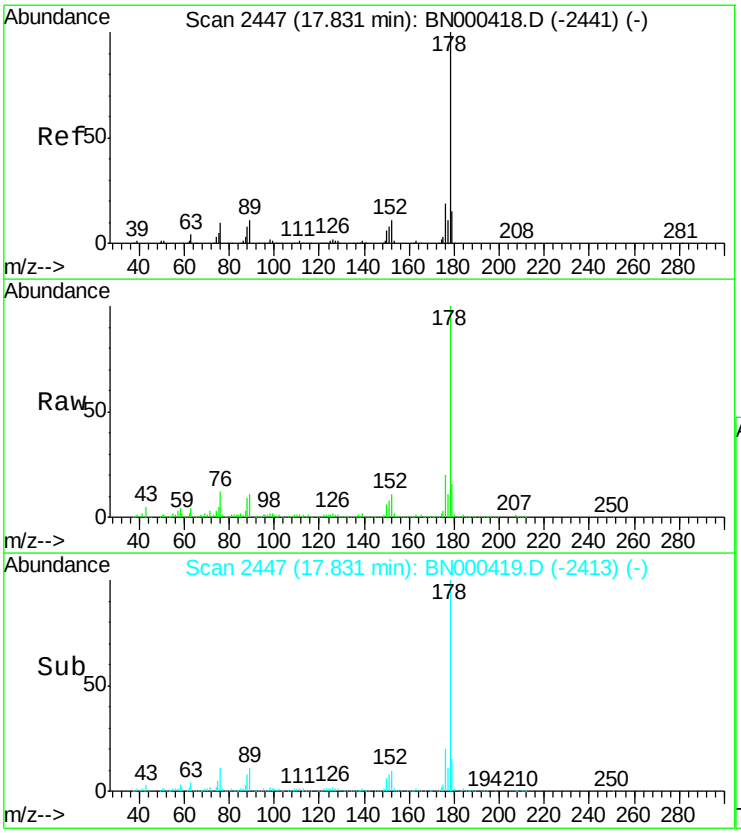
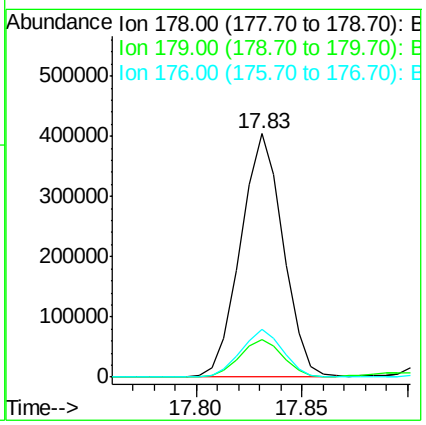
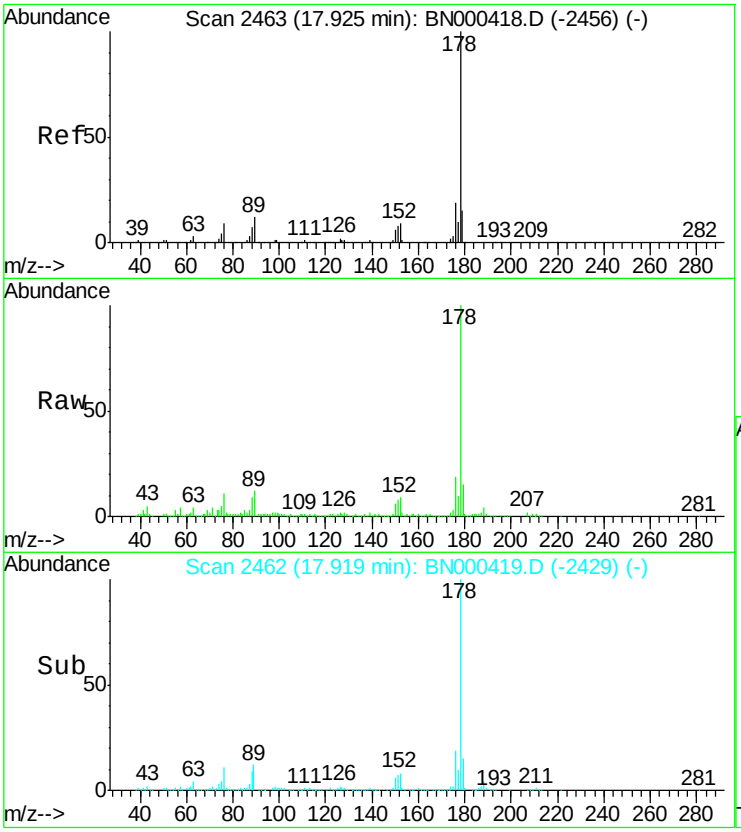


#13
Phenanthrene
Concen: 9.166 ng/ul
RT: 17.83 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:178 Resp: 561259

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.5	15.1	22.7

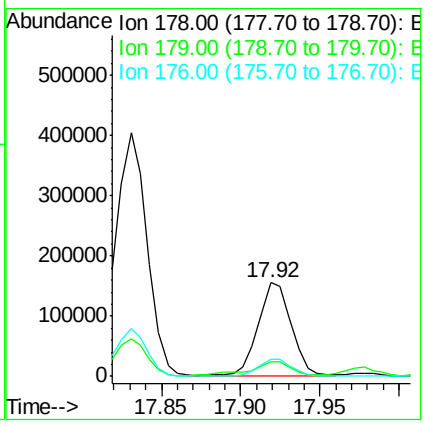




#15
Anthracene
Concen: 3.604 ng/ul
RT: 17.92 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:178 Resp: 223900

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.9	15.2	22.8



Instrument :
BNA_N
ClientSampleId :
DAME0

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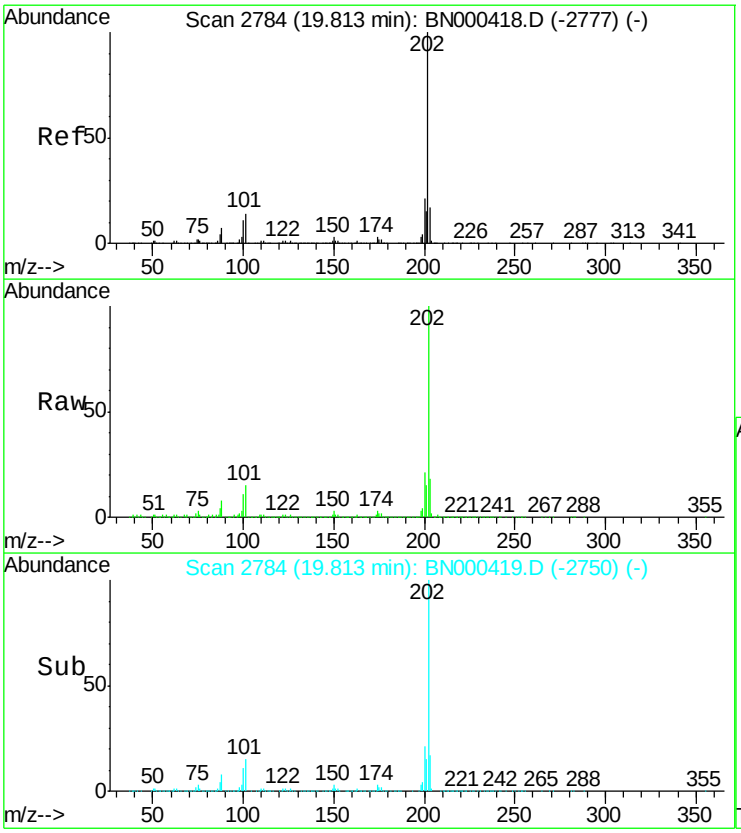
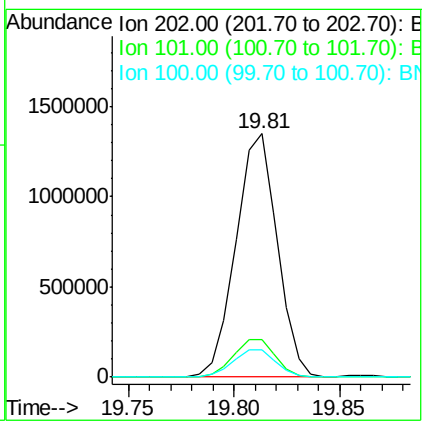
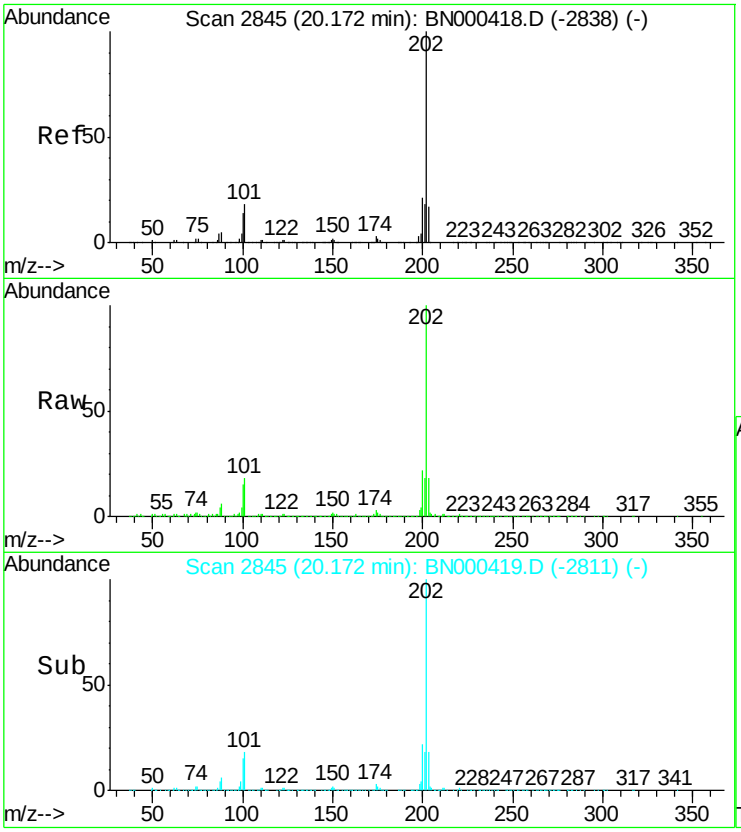


#16
Fluoranthene
Concen: 27.513 ng/ul
RT: 19.81 min Scan# 2784
Delta R.T. 0.00 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:202 Resp: 1820165

Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	11.5	7.4	11.0#





#19
Pyrene
Concen: 26.780 ng/ul
RT: 20.17 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:202 Resp: 1673652

Ion	Ratio	Lower	Upper
202	100		
101	18.1	11.0	16.4#
100	15.4	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAME0

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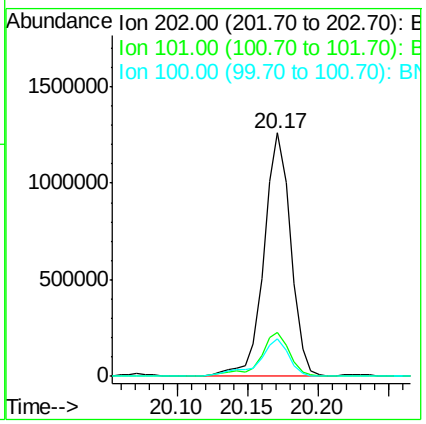
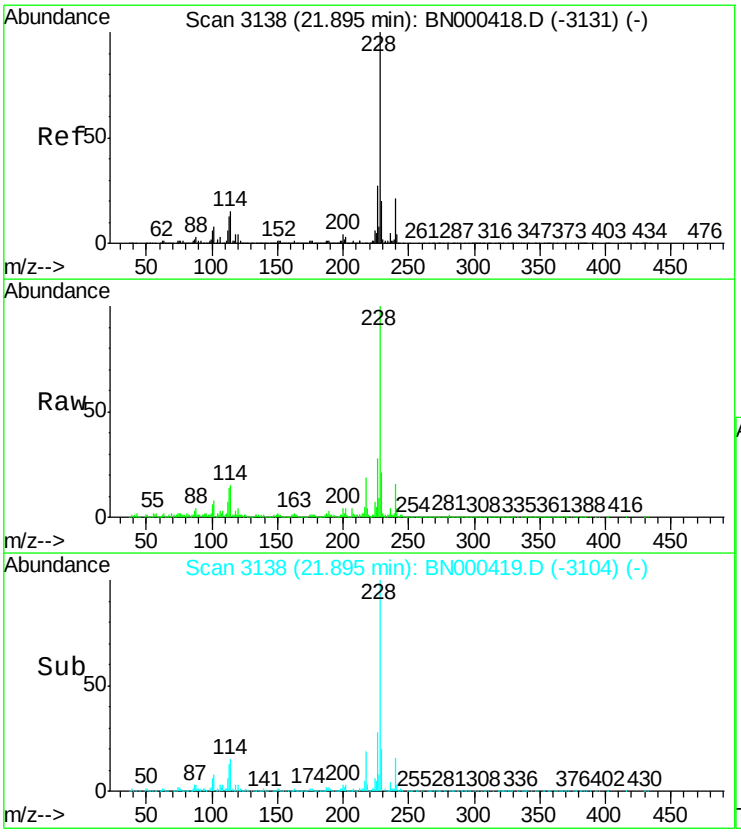
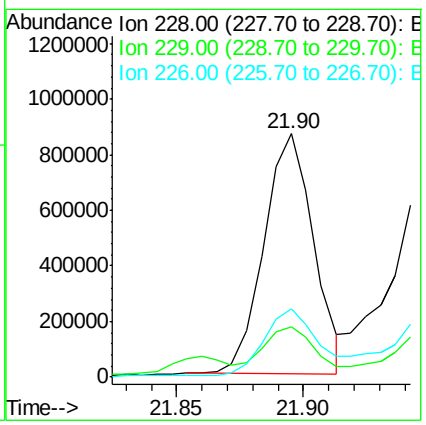


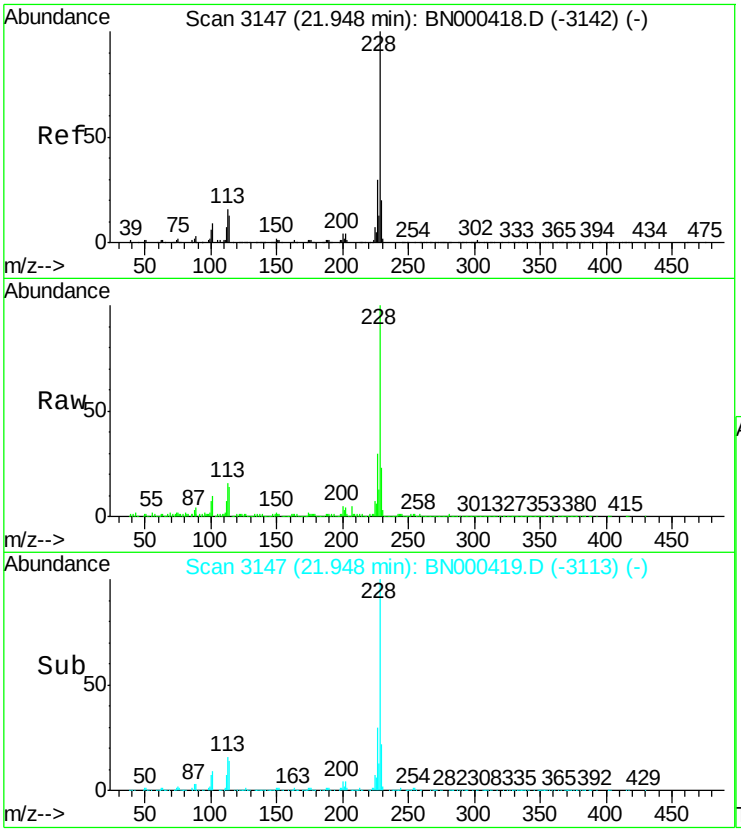


#20
Benzo(a)anthracene
Concen: 19.214 ng/ul
RT: 21.90 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:228 Resp: 1182399

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	28.0	21.1	31.7

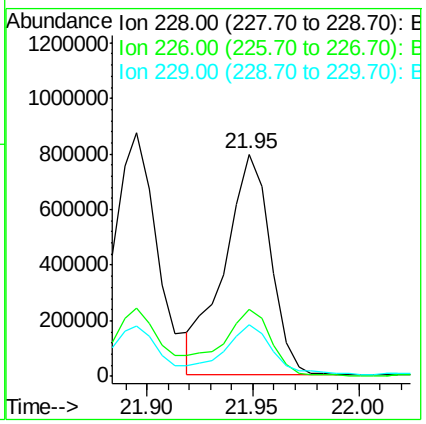




#21
Chrysene
Concen: 20.671 ng/ul
RT: 21.95 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:228 Resp: 1207160

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	23.0	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DAME0

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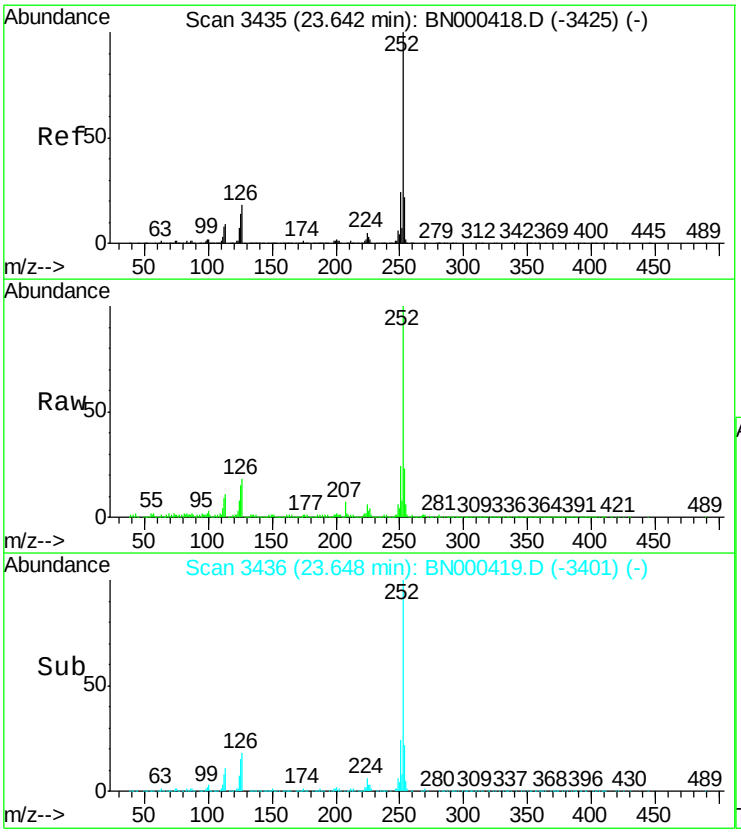
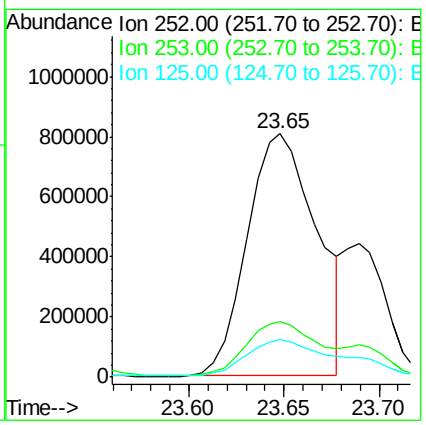
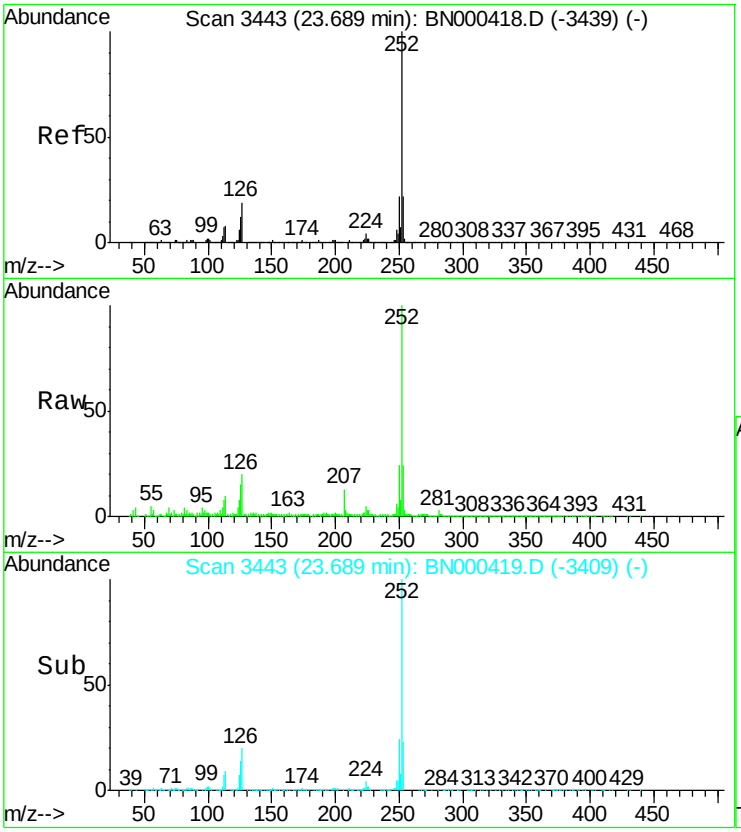


#23
Benzo(b)fluoranthene
Concen: 36.036 ng/ul m
RT: 23.65 min Scan# 3436
Delta R.T. 0.01 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:252 Resp: 2042822

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	15.2	8.0	12.0#

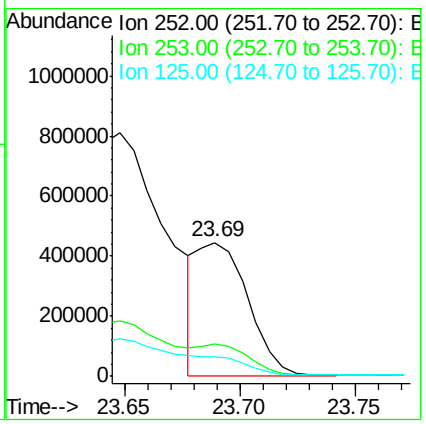




#24
Benzo(k)fluoranthene
Concen: 12.579 ng/ul m
RT: 23.69 min Scan# 3443
Delta R.T. 0.00 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:252 Resp: 667480

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	14.8	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAME0

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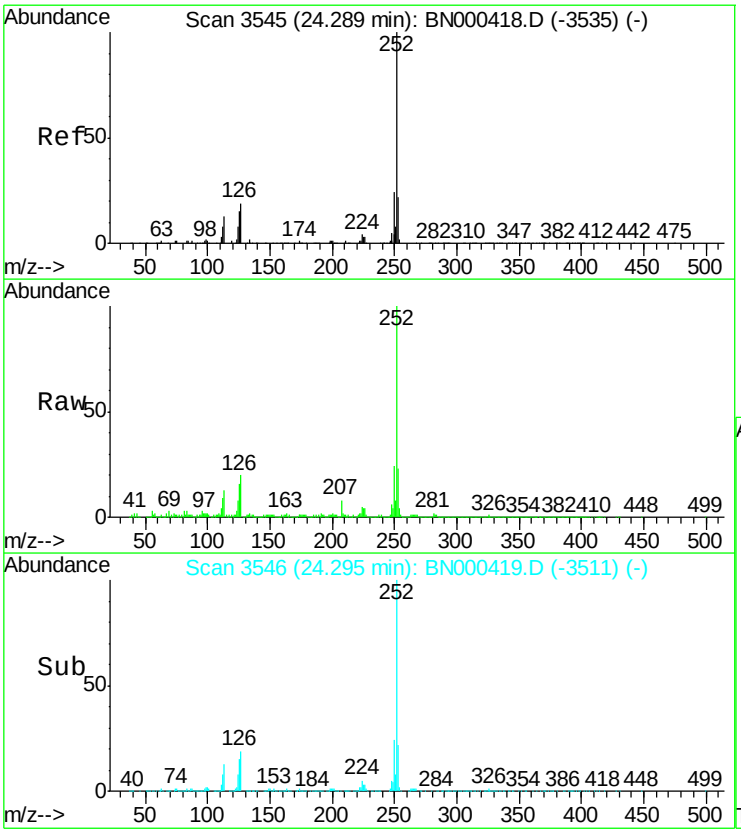
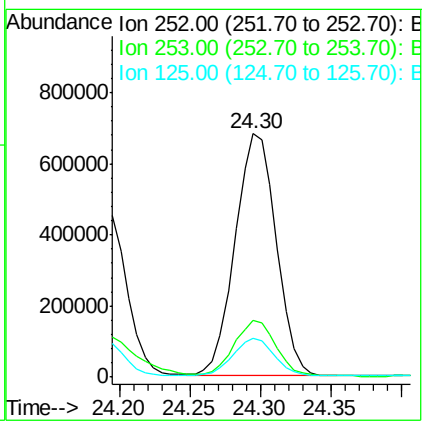
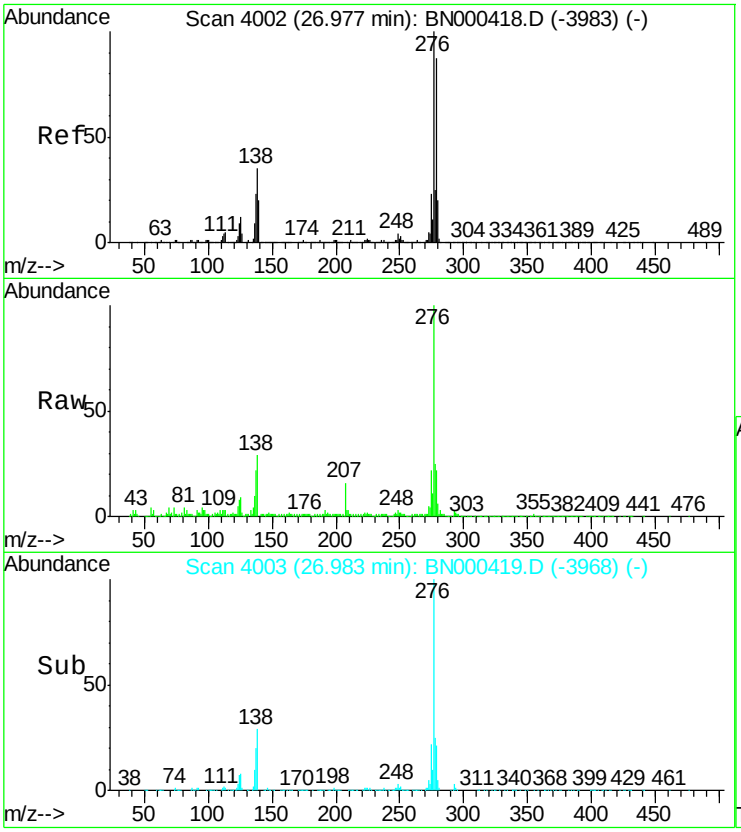


#26
Benzo(a)pyrene
Concen: 25.825 ng/ul
RT: 24.30 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:252 Resp: 1393324

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	15.8	8.2	12.4#

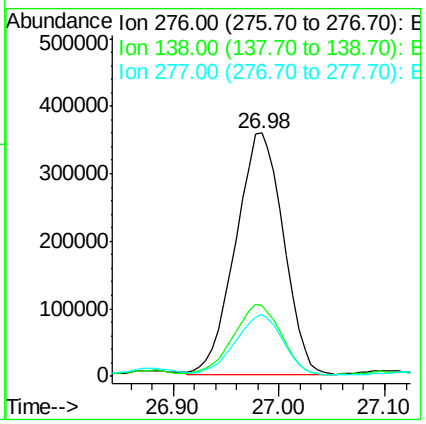




#27
Indeno(1,2,3-cd)pyrene
Concen: 19.264 ng/ul
RT: 26.98 min Scan# 4003
Delta R.T. 0.01 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:276 Resp: 1120643

Ion	Ratio	Lower	Upper
276	100		
138	29.3	14.4	21.6#
277	25.2	18.0	27.0



Instrument :
BNA_N
ClientSampleId :
DAME0

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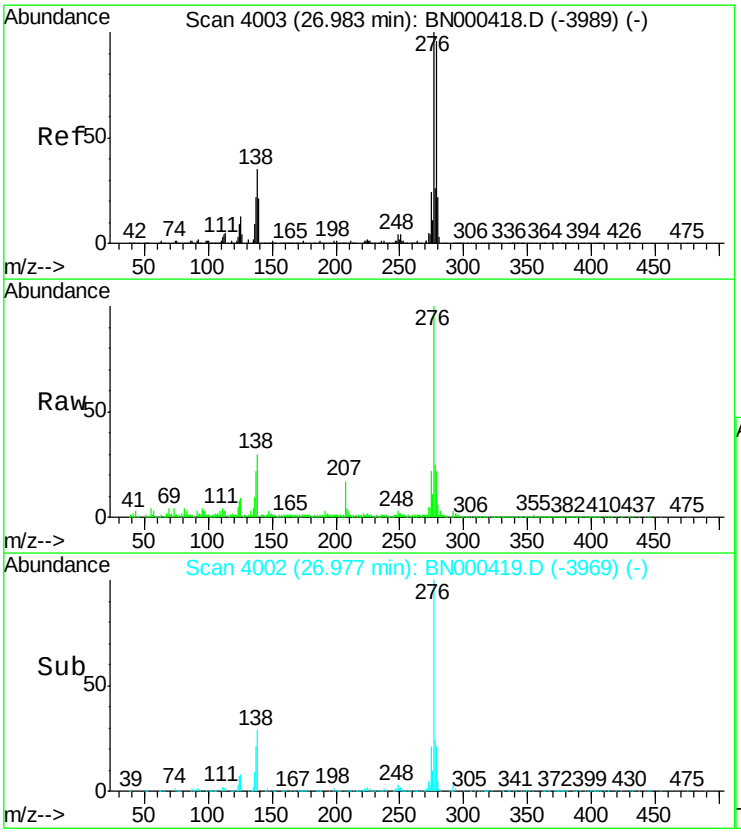
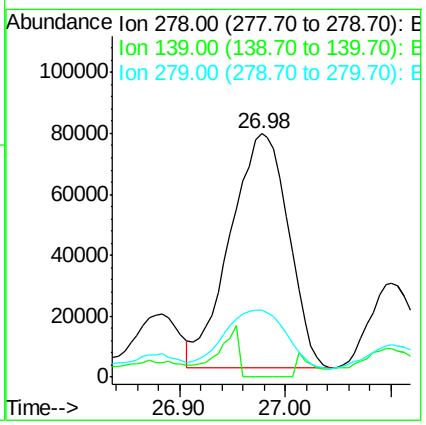
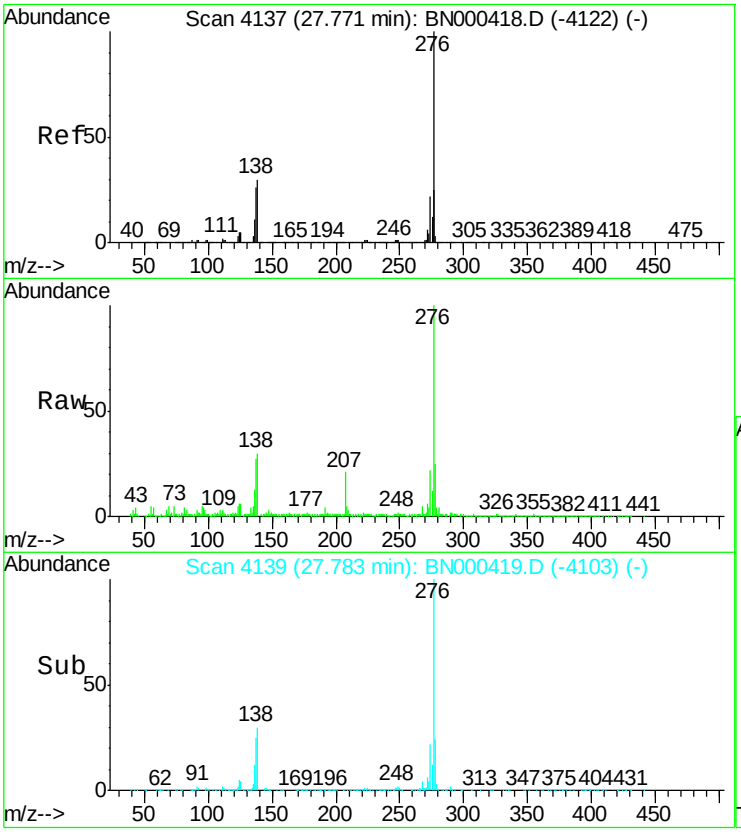


#28
Dibenzo(a,h)anthracene
Concen: 6.172 ng/ul
RT: 26.98 min Scan# 4002
Delta R.T. -0.01 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:278 Resp: 294268

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	27.5	19.2	28.8

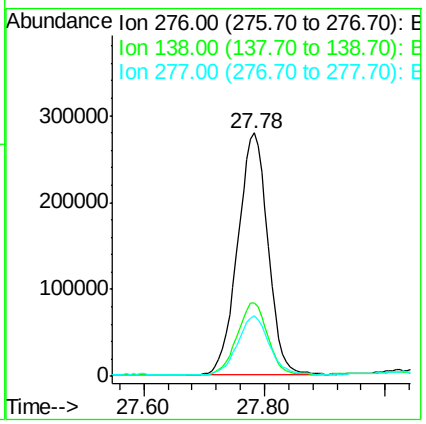




#29
Benzo(g,h,i)perylene
Concen: 19.879 ng/ul
RT: 27.78 min Scan# 4139
Delta R.T. 0.01 min
Lab File: BN000419.D
Acq: 15 Mar 2018 17:10

Tgt Ion:276 Resp: 965574

Ion	Ratio	Lower	Upper
276	100		
138	30.2	15.3	22.9#
277	24.9	19.0	28.4



Instrument :
BNA_N
ClientSampleId :
DAME0

Manual Integrations APPROVED
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3/16/2018 12:11:25 PM