Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008186.D
Acq On : 15 Oct 2019 22:49
Operator : JU
Sample : K5175-01DL 10X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Oct 16 04:57:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP83DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2047	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	9993	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6686	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.00	188	14633	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	15505	0.40	ng/ul	-0.01
20) Perylene-d12	23.37	264	13366	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	378	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	1265	0.03	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.43	128	1002	0.035	ng/ul#	80
5) 2-Methylnaphthalene	12.06	142	593	0.030	ng/ul	100
7) Acenaphthylene	13.97	152	2565	0.081	ng/ul	94
8) Acenaphthene	14.31	153	1145	0.046	ng/ul	97
9) Fluorene	15.30	166	1414	0.050	ng/ul#	97
12) Phenanthrene	17.04	178	21793	0.509	ng/ul	100
13) Anthracene	17.13	178	4756	0.126	ng/ul	96
15) Fluoranthene	19.06	202	60224	1.064	ng/ul	98
17) Pyrene	19.42	202	62560	1.013	ng/ul	99
18) Benzo(a)anthracene	21.18	228	34201	0.607	ng/ul	97
19) Chrysene	21.23	228	39120	0.565	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	40190m	0.924	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	15745m	0.319	ng/ul	
23) Benzo(a)pyrene	23.28	252	27714	0.605	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.54	276	17102	0.317	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.55	278	4216	0.099	ng/ul#	80
26) Benzo(g,h,i)perylene	26.20	276	14289	0.289	ng/ul	97

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

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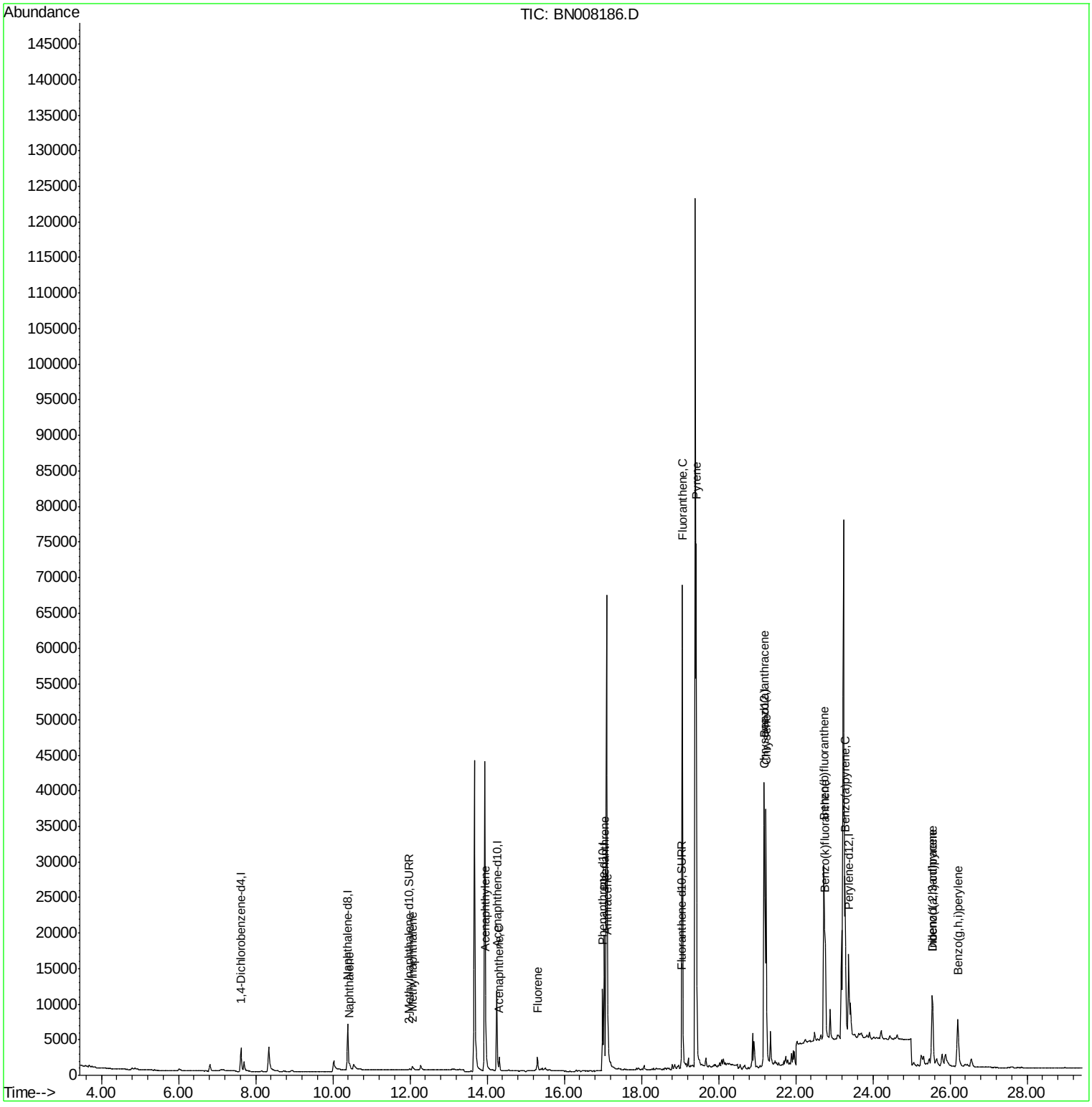

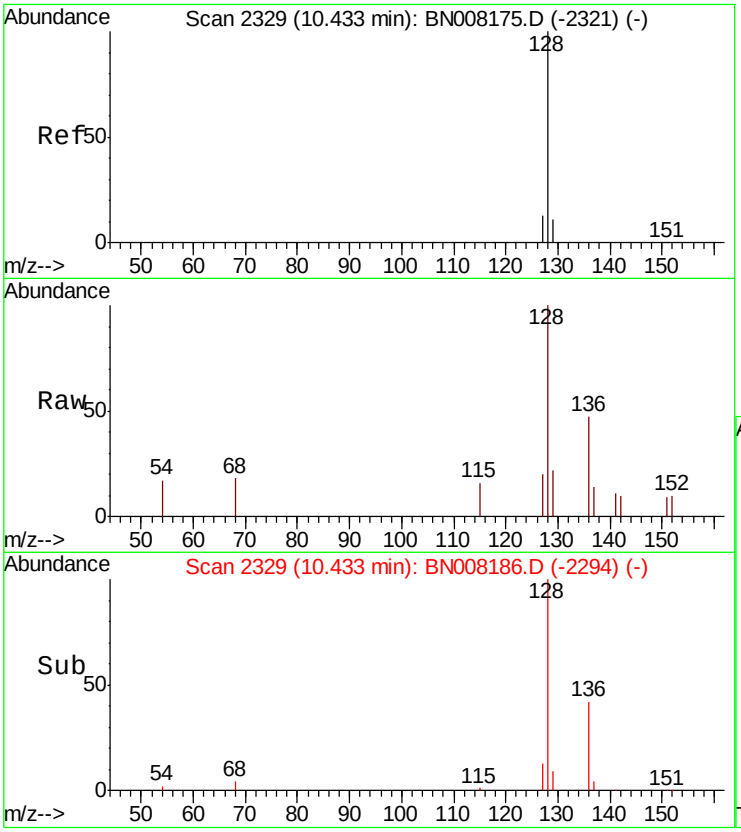

#3
Naphthalene
Concen: 0.035 ng/ul
RT: 10.43 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:128 Resp: 1002

Ion	Ratio	Lower	Upper
128	100		
129	22.1	9.8	14.8#
127	20.4	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEP83DL

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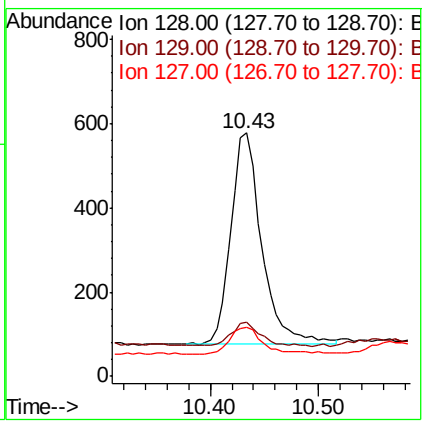
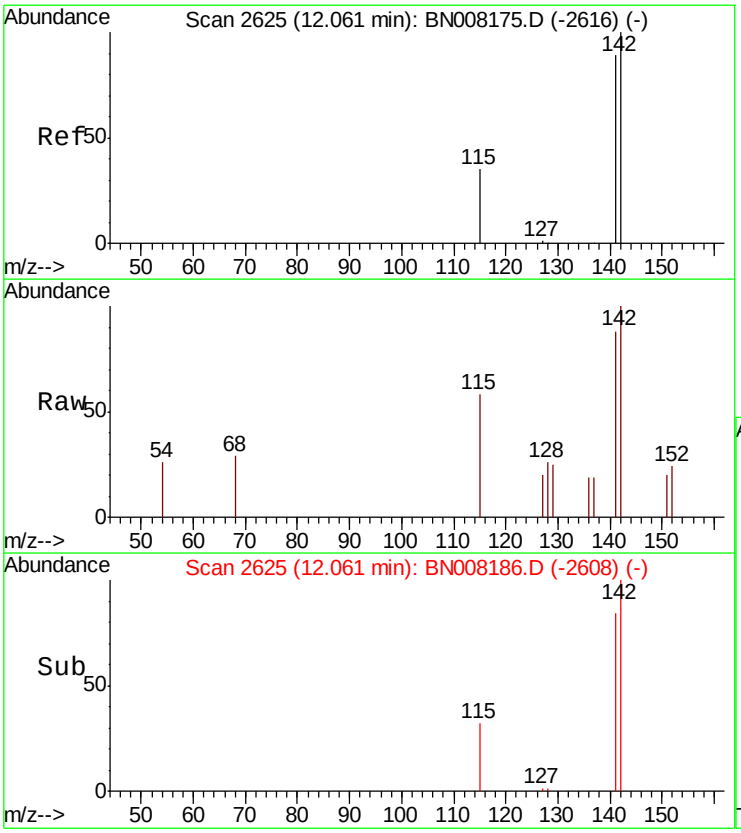
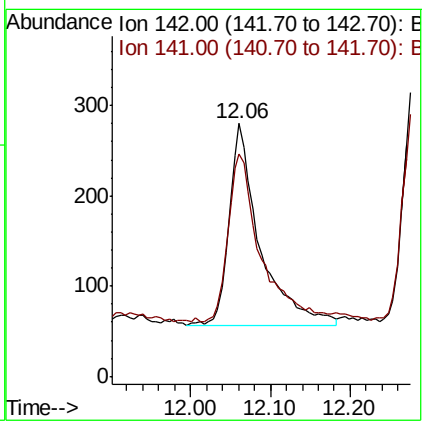


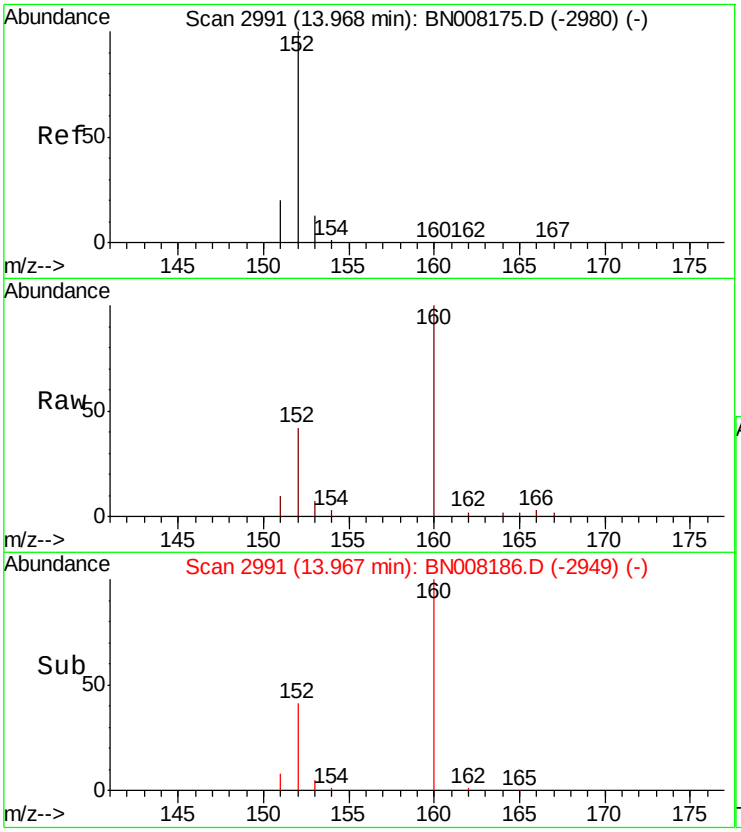


#5
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. -0.01 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:142 Resp: 593

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2

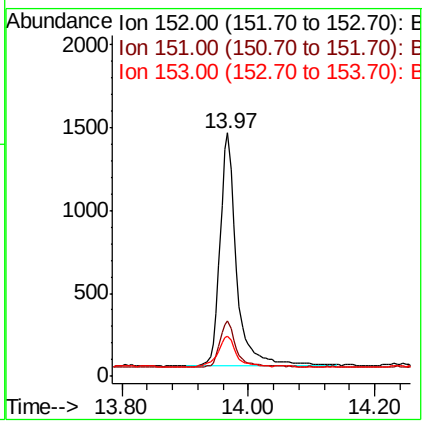




#7
Acenaphthylene
Concen: 0.081 ng/ul
RT: 13.97 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:152 Resp: 2565

Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.2	24.4
153	16.4	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
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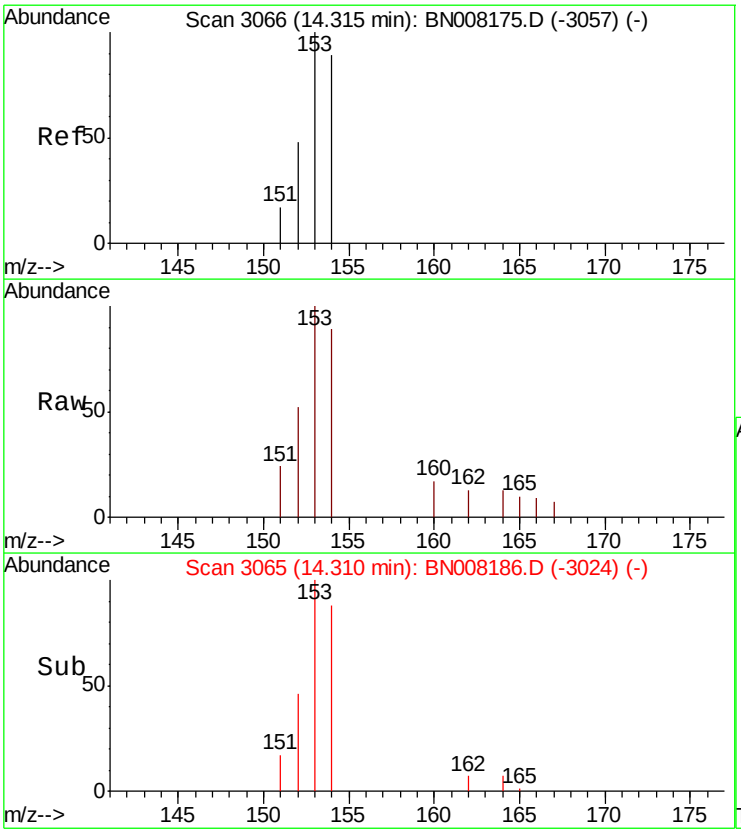
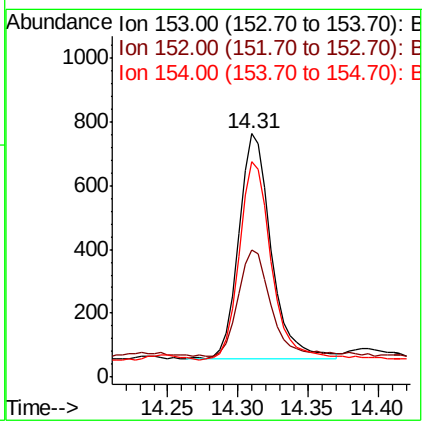
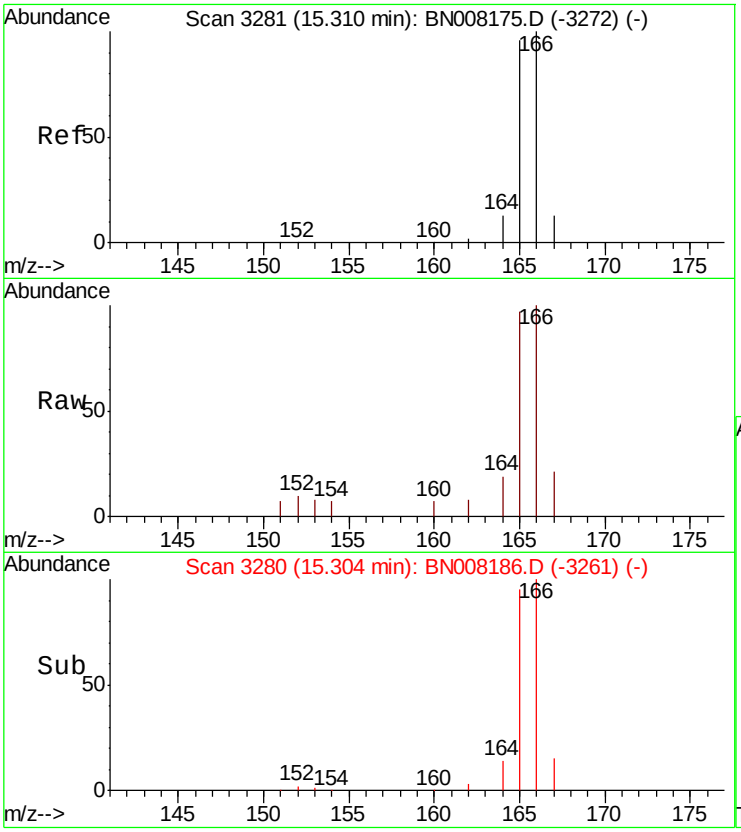


#8
Acenaphthene
Concen: 0.046 ng/ul
RT: 14.31 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:153 Resp: 1145

Ion	Ratio	Lower	Upper
153	100		
152	52.3	38.2	57.2
154	88.7	71.8	107.8





#9
Fluorene
Concen: 0.050 ng/ul
RT: 15.30 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:166 Resp: 1414

Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.6	115.0
167	20.6	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
BEP83DL

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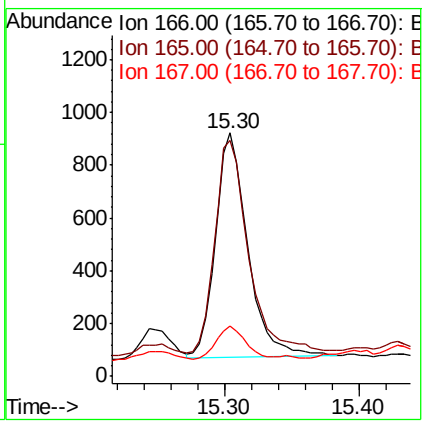
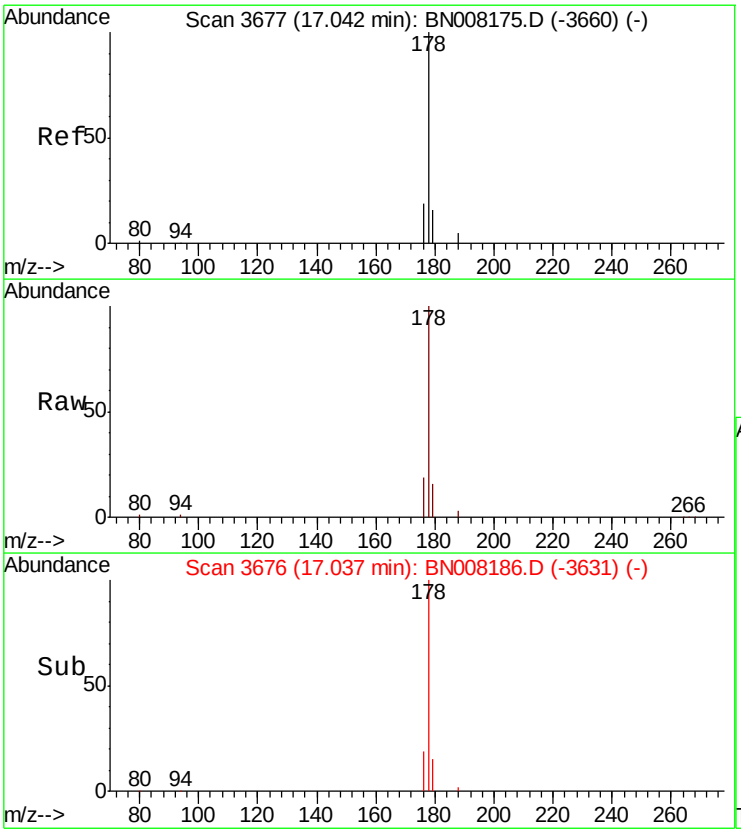
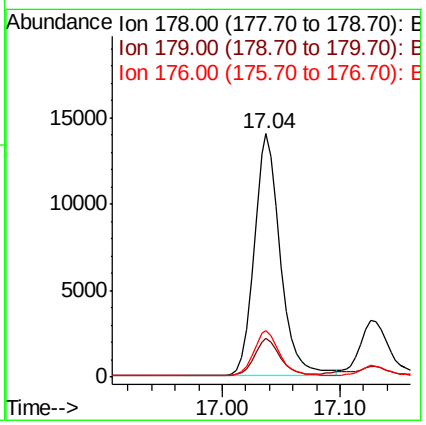


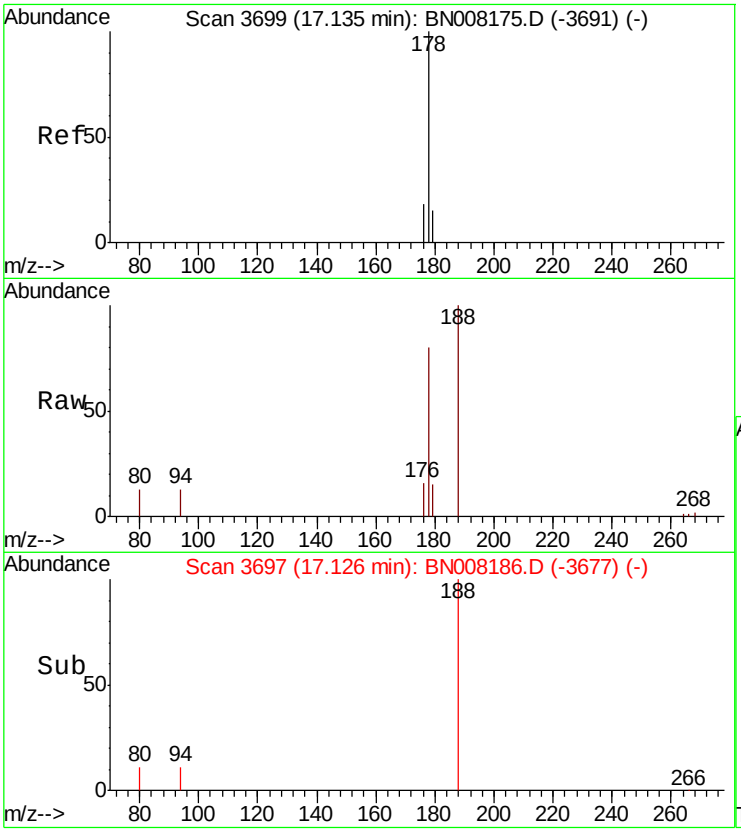


#12
Phenanthrene
Concen: 0.509 ng/ul
RT: 17.04 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:178 Resp: 21793

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	19.2	15.4	23.2

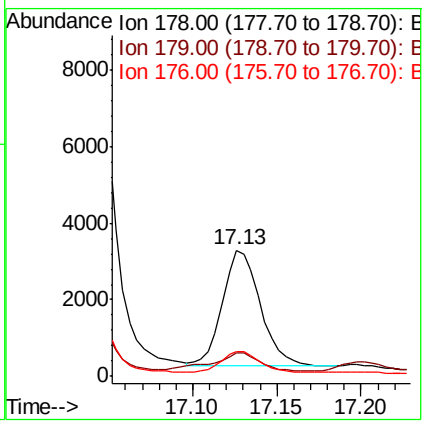




#13
Anthracene
Concen: 0.126 ng/ul
RT: 17.13 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:178 Resp: 4756

Ion	Ratio	Lower	Upper
178	100		
179	18.8	13.0	19.6
176	19.9	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
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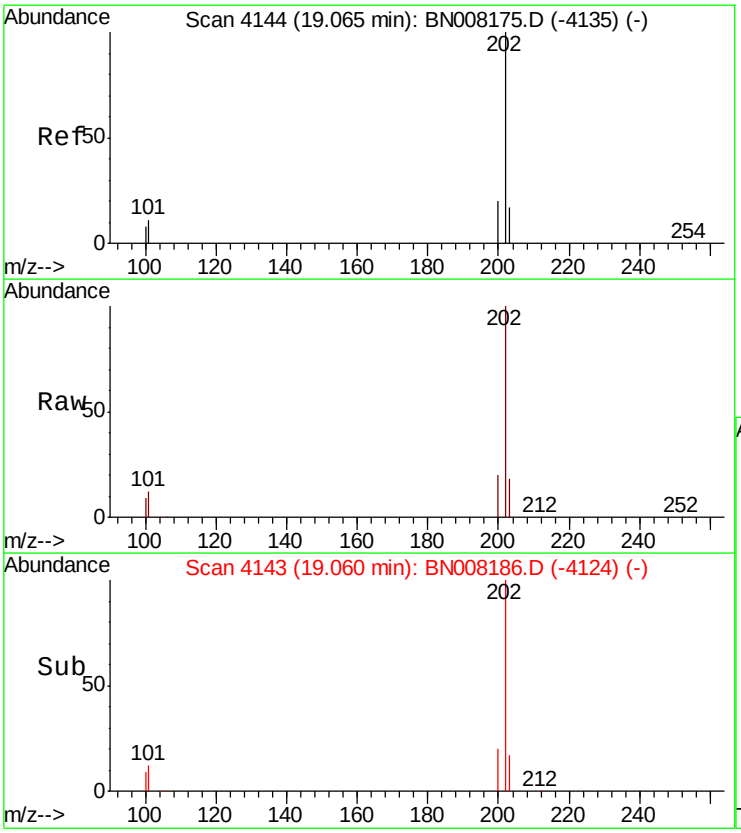
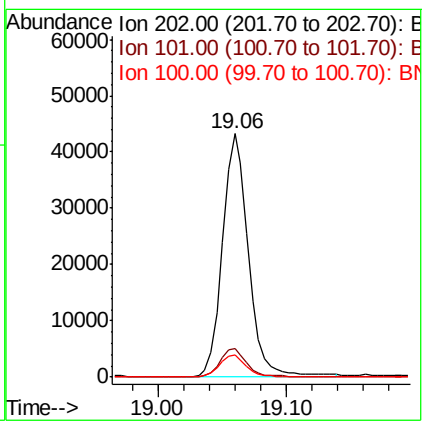
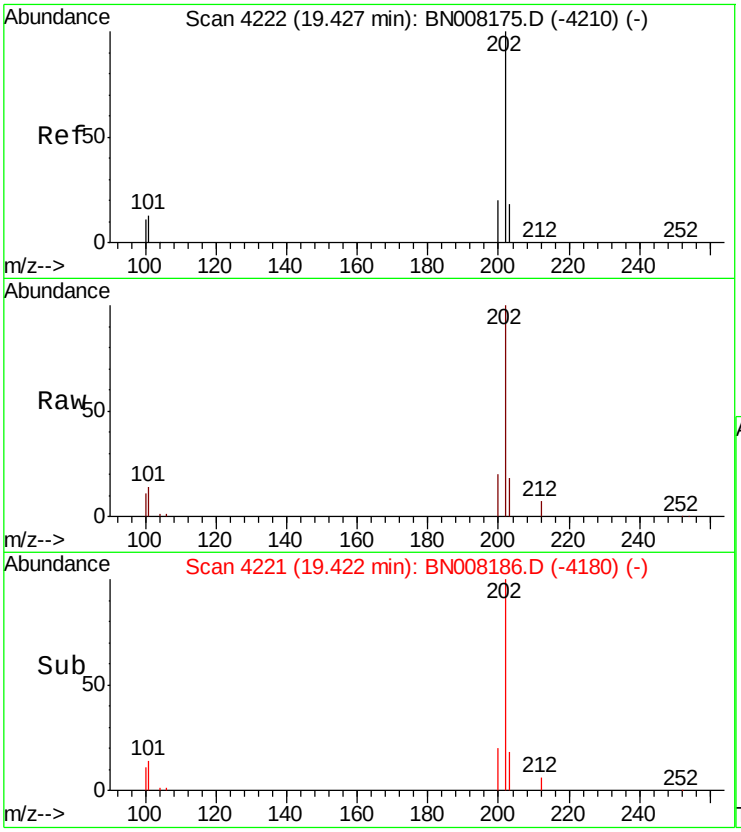


#15
Fluoranthene
Concen: 1.064 ng/ul
RT: 19.06 min Scan# 4143
Delta R.T. -0.01 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:202 Resp: 60224

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.2
100	9.0	0.0	28.5

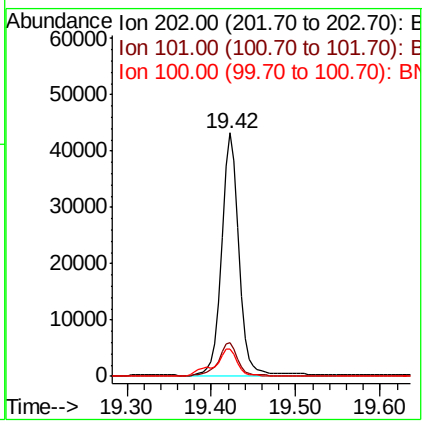




#17
Pyrene
Concen: 1.013 ng/ul
RT: 19.42 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:202 Resp: 62560

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.9	16.3
100	11.4	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
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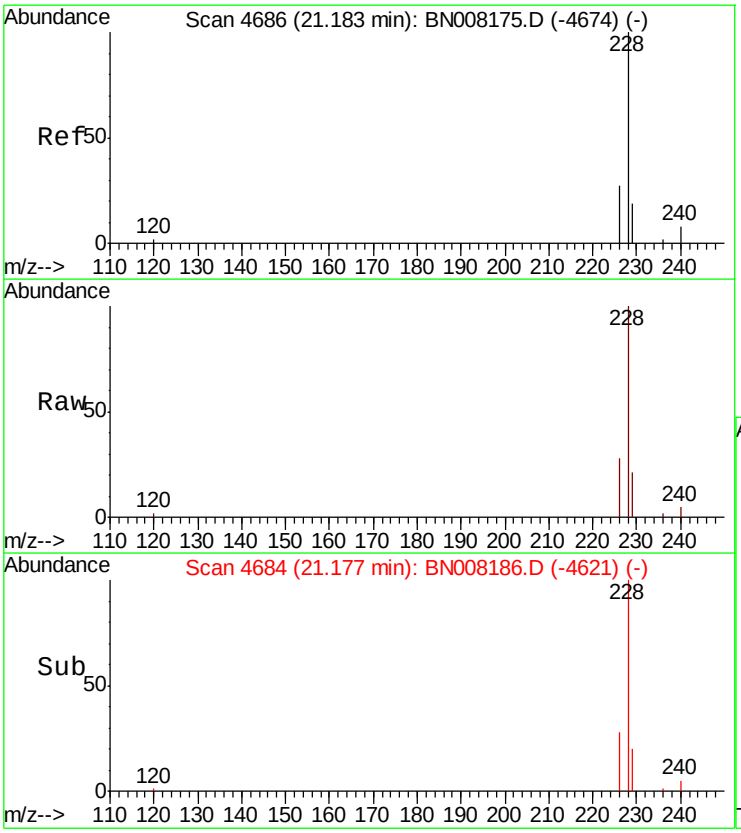
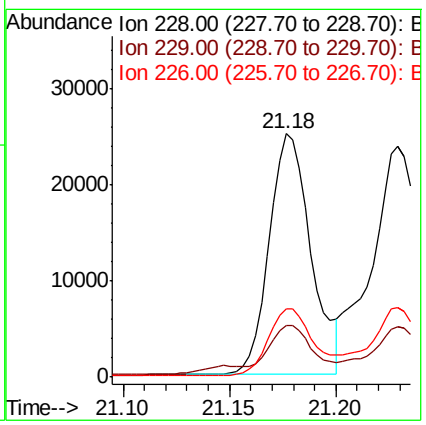
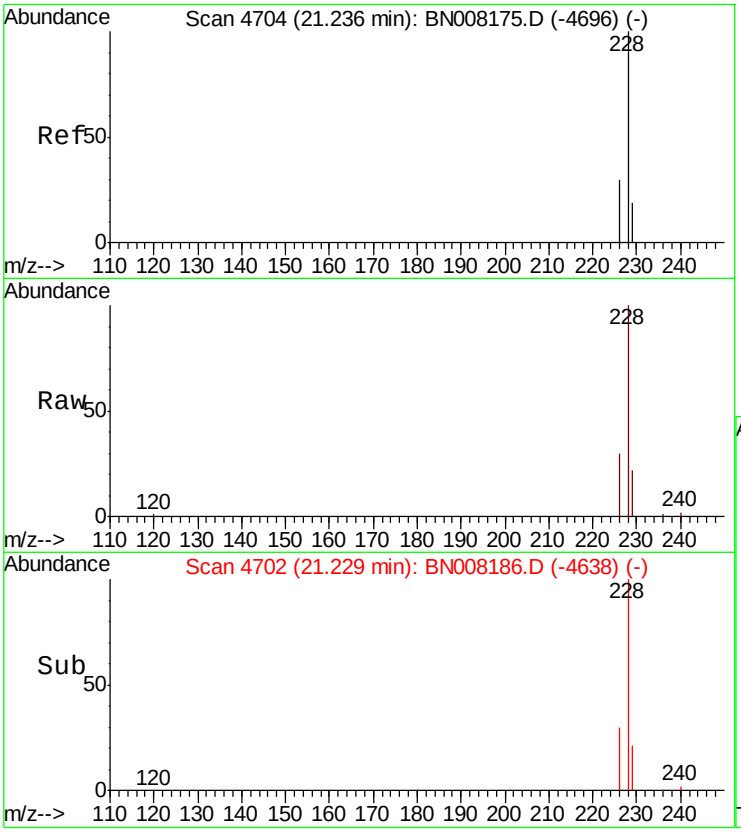


#18
Benzo(a)anthracene
Concen: 0.607 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. -0.02 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:228 Resp: 34201

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.2
226	28.2	21.4	32.0

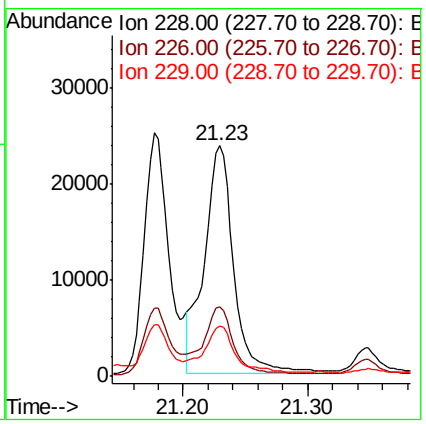




#19
Chrysene
Concen: 0.565 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:228 Resp: 39120

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.9	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
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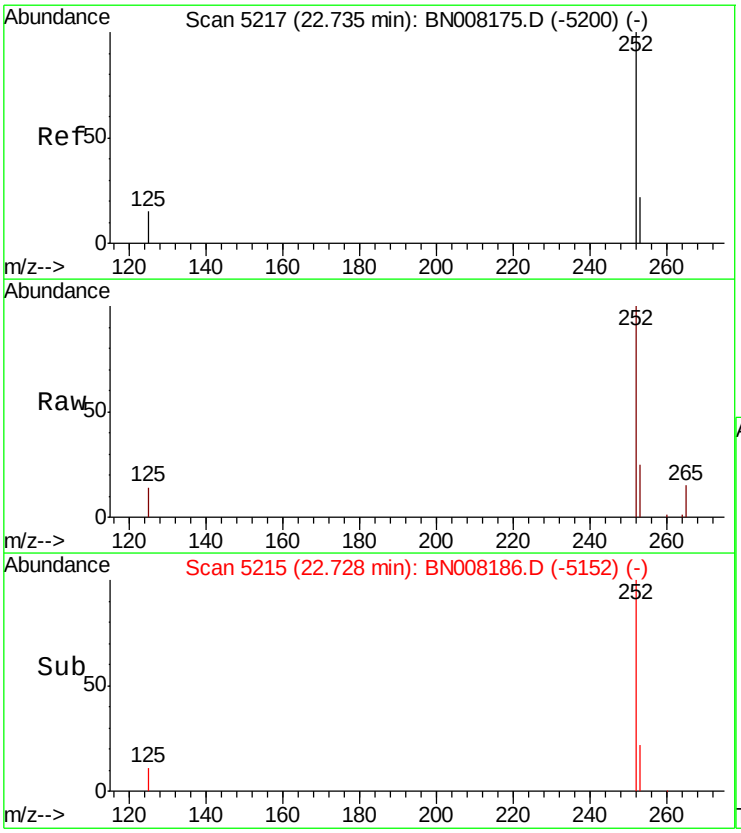
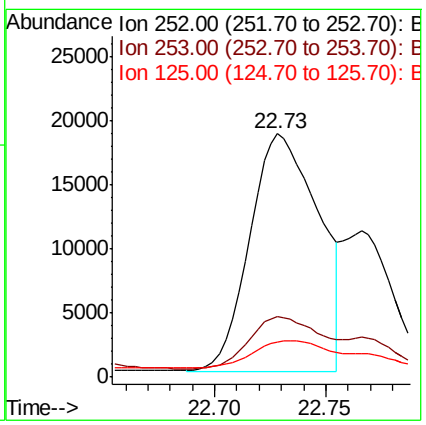
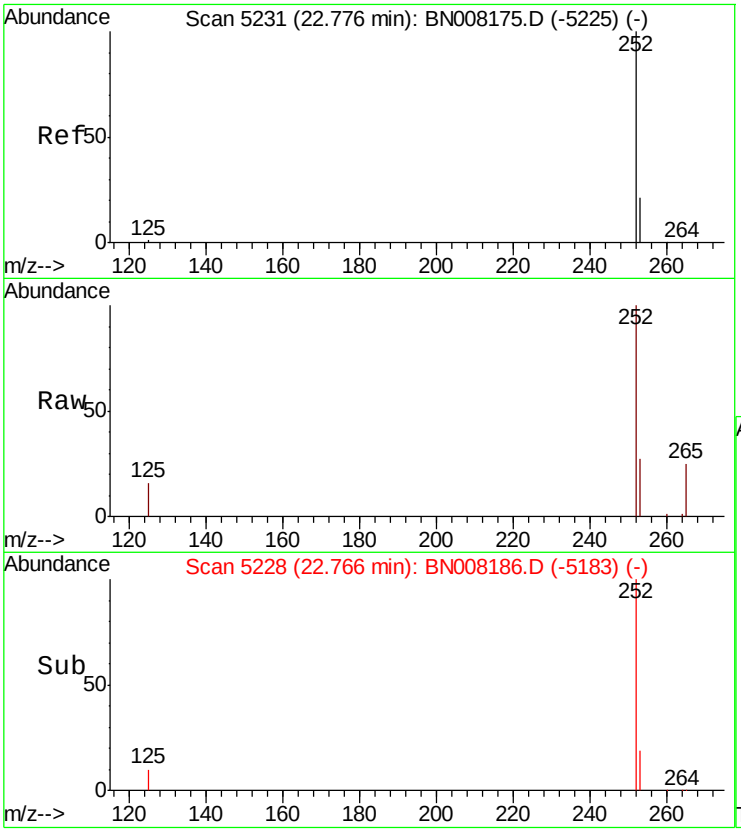


#21
Benzo(b)fluoranthene
Concen: 0.924 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.02 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:252 Resp: 40190

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	53.4
125	14.3	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 0.319 ng/ul m
RT: 22.77 min Scan# 5228
Delta R.T. -0.02 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:252 Resp: 15745

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.3	31.9
125	15.7	12.3	18.5

Instrument :
BNA_N
ClientSampleId :
BEP83DL

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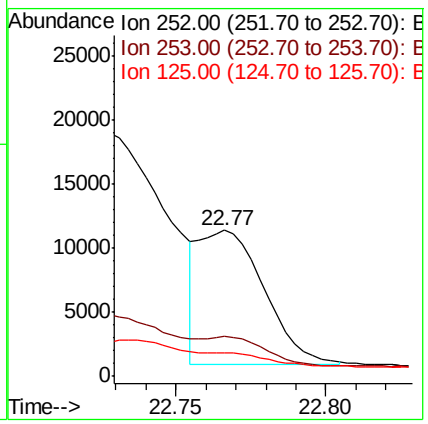
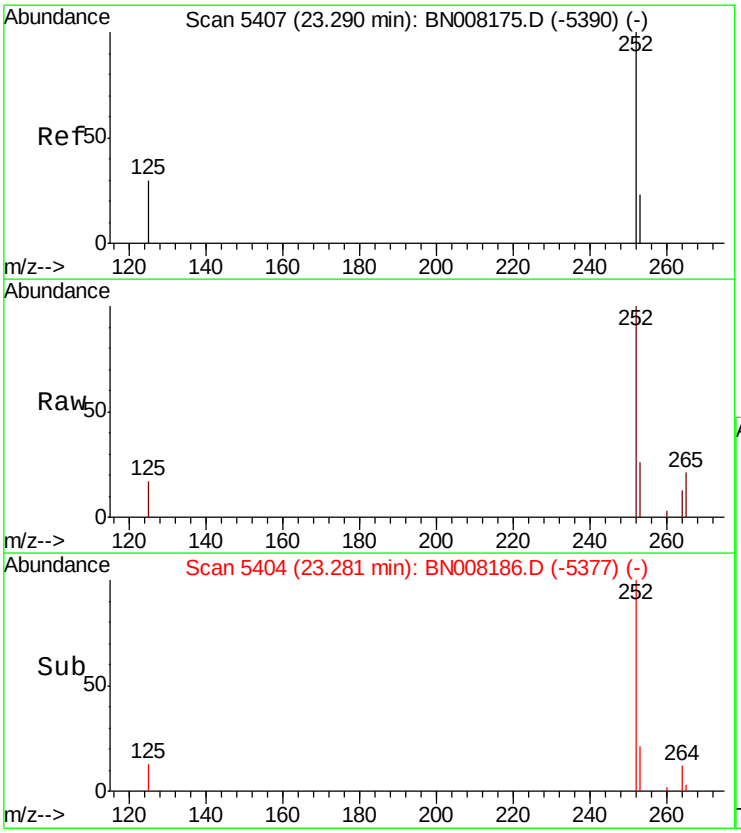
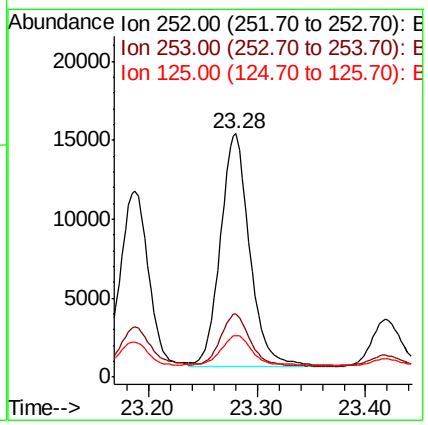


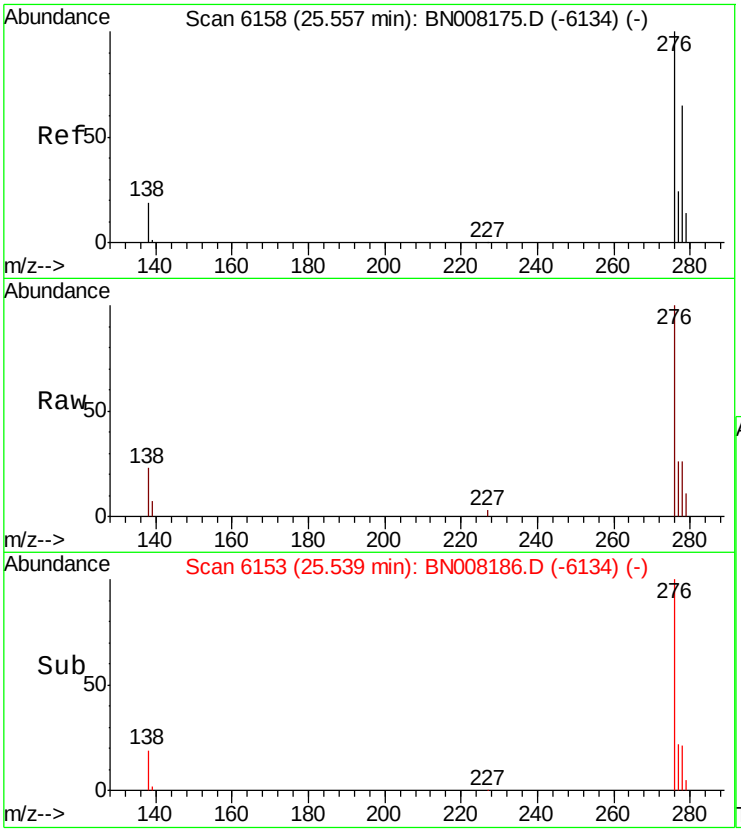


#23
Benzo(a)pyrene
Concen: 0.605 ng/ul
RT: 23.28 min Scan# 5404
Delta R.T. -0.02 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:252 Resp: 27714

Ion	Ratio	Lower	Upper
252	100		
253	25.8	22.8	34.2
125	17.0	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.03 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:276 Resp: 17102

Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.1	24.1
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
BEP83DL

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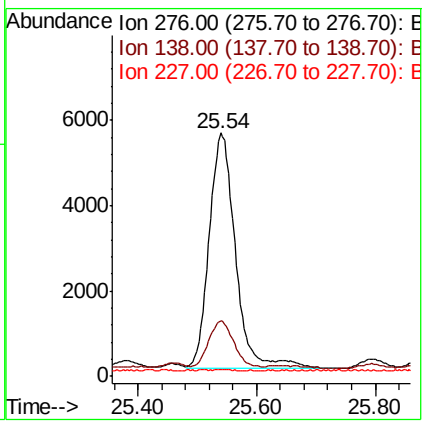
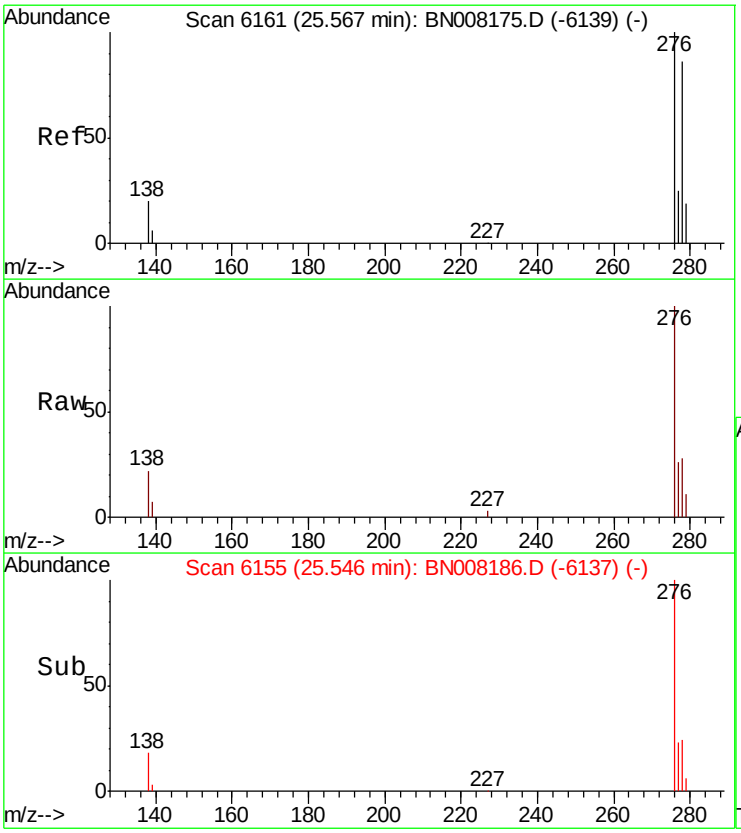
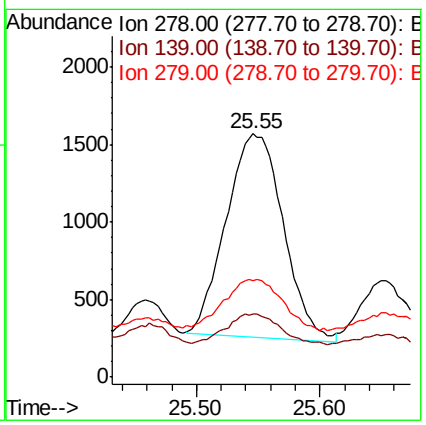


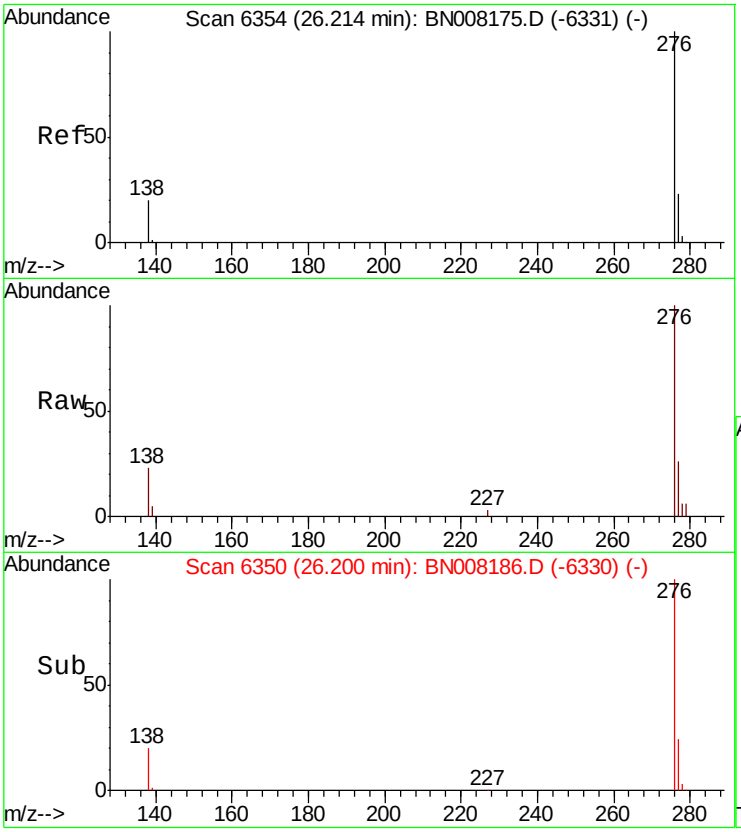


#25
Dibenzo(a,h)anthracene
Concen: 0.099 ng/ul
RT: 25.55 min Scan# 6155
Delta R.T. -0.04 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:278 Resp: 4216

Ion	Ratio	Lower	Upper
278	100		
139	26.2	15.0	22.6#
279	39.6	22.4	33.6#

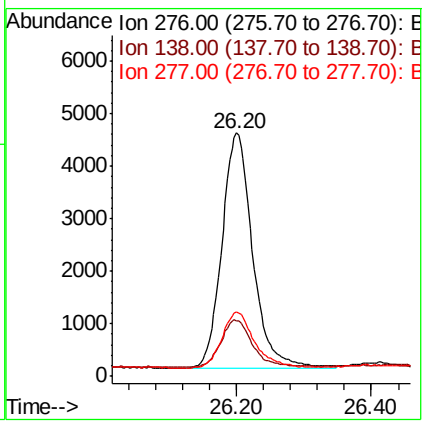




#26
Benzo(g,h,i)perylene
Concen: 0.289 ng/ul
RT: 26.20 min Scan# 6350
Delta R.T. -0.03 min
Lab File: BN008186.D
Acq: 15 Oct 2019 22:49

Tgt Ion:276 Resp: 14289

Ion	Ratio	Lower	Upper
276	100		
138	22.9	17.0	25.4
277	26.4	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEP83DL

Manual Integrations APPROVED
mohammad
10/16/2019 4:08:55 PM