Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008275.D
Acq On : 21 Oct 2019 10:25
Operator : JU
Sample : K5199-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPJ7

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Quant Time: Oct 21 16:24:13 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 : Mon Oct 21 16:03:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2192	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10495	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6518	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14659m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	14948	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	15993	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4838	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	15210	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	651	0.022	ng/ul#	70
7) Acenaphthylene	13.94	152	760	0.024	ng/ul#	75
12) Phenanthrene	17.01	178	2933	0.068	ng/ul	94
15) Fluoranthene	19.04	202	7625	0.135	ng/ul	95
17) Pyrene	19.40	202	9081	0.153	ng/ul#	94
18) Benzo(a)anthracene	21.16	228	4455	0.082	ng/ul#	89
19) Chrysene	21.21	228	6182	0.093	ng/ul#	92
21) Benzo(b)fluoranthene	22.71	252	8414m	0.162	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	2529m	0.043	ng/ul	
23) Benzo(a)pyrene	23.26	252	4838	0.088	ng/ul#	49
24) Indeno(1,2,3-cd)pyrene	25.50	276	3138	0.049	ng/ul#	95
26) Benzo(g,h,i)perylene	26.16	276	3555	0.060	ng/ul#	80

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

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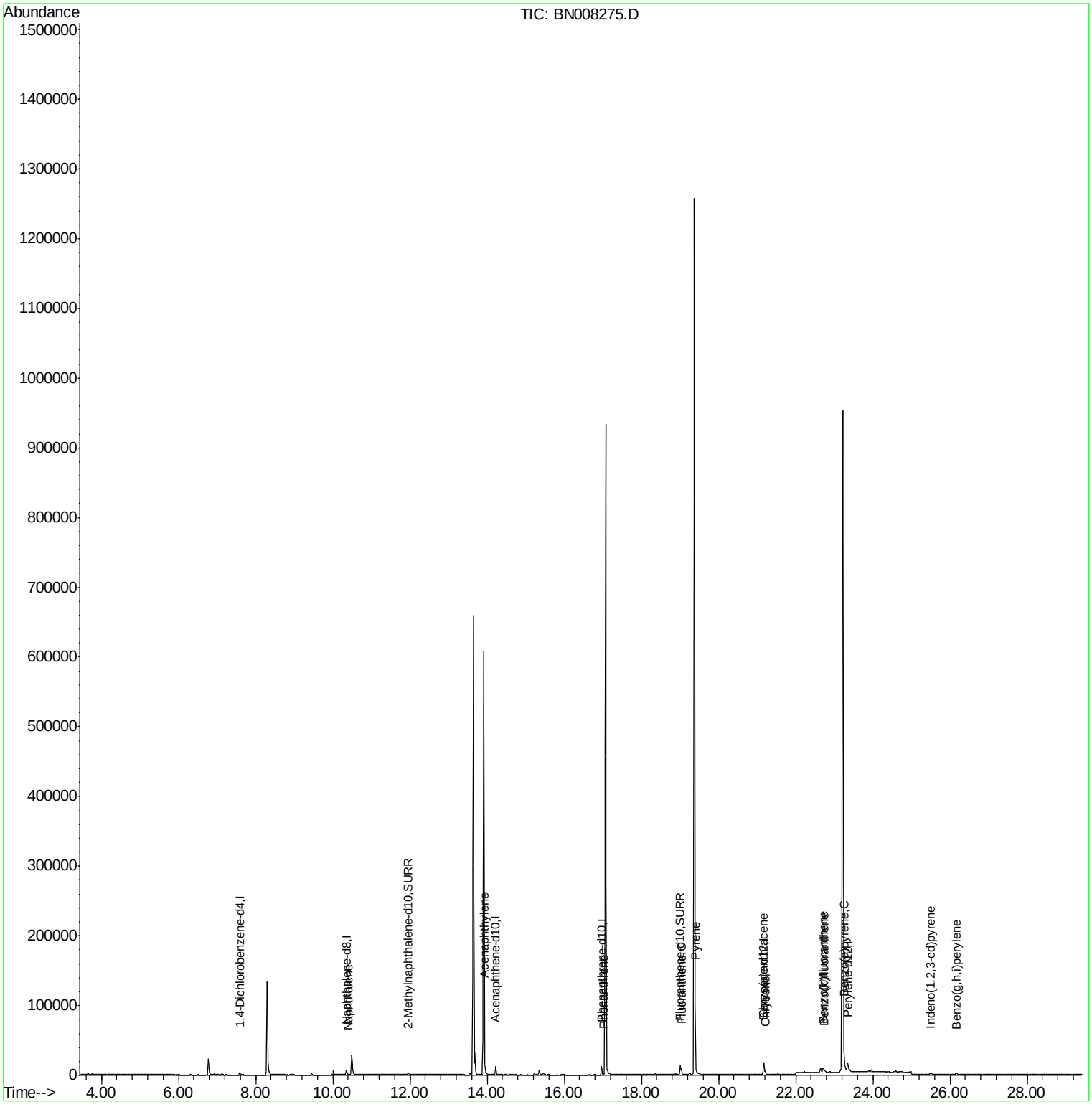

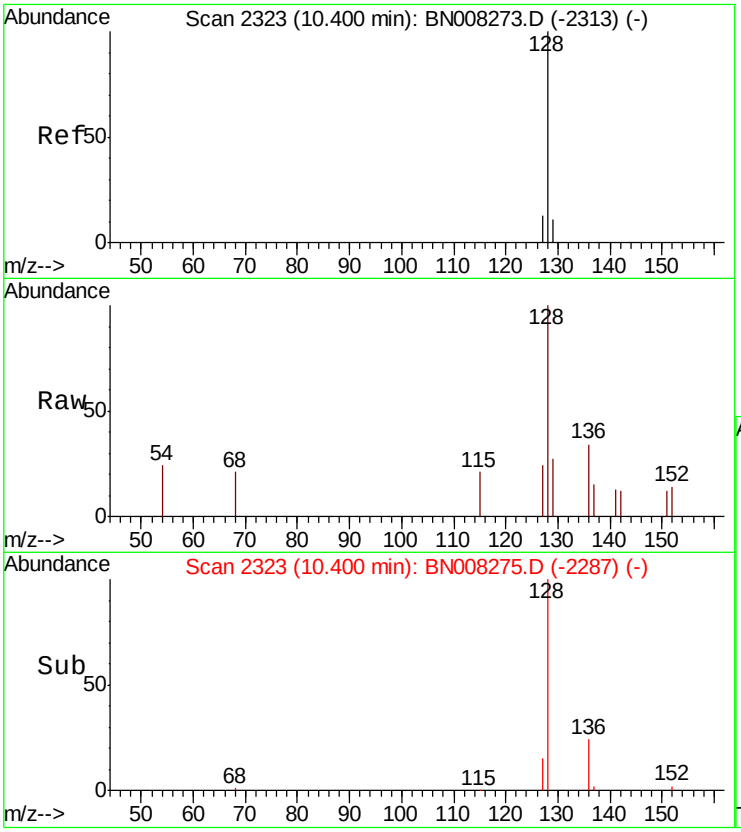

#3
Naphthalene
Concen: 0.022 ng/ul
RT: 10.40 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BN008275.D
Acq: 21 Oct 2019 10:25

Tgt Ion:128 Resp: 651

Ion	Ratio	Lower	Upper
128	100		
129	26.6	9.8	14.8#
127	24.1	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
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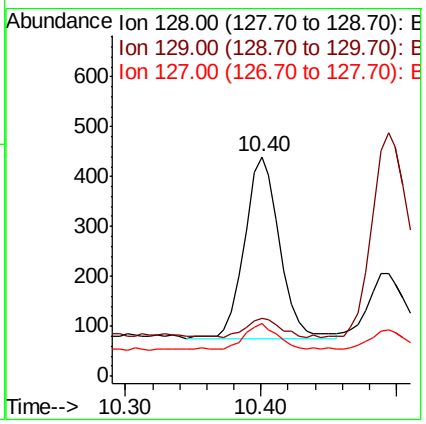
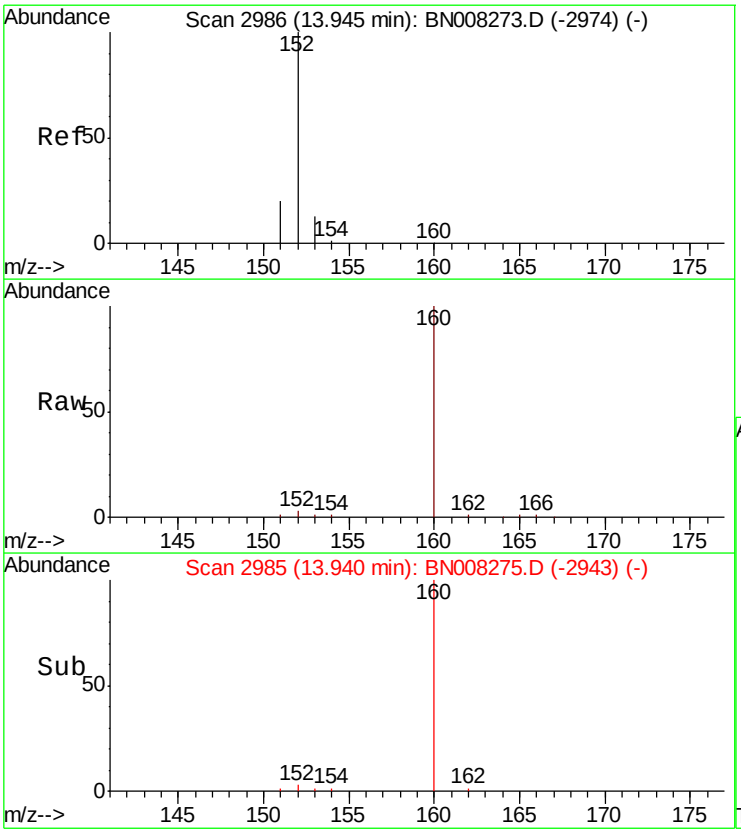
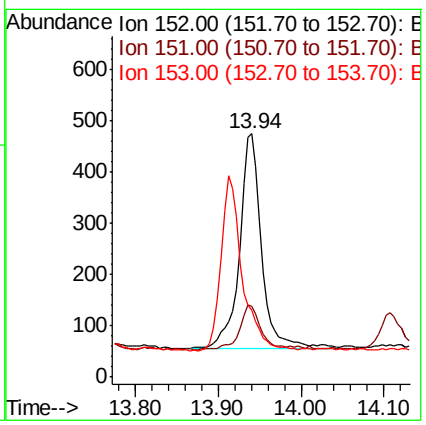


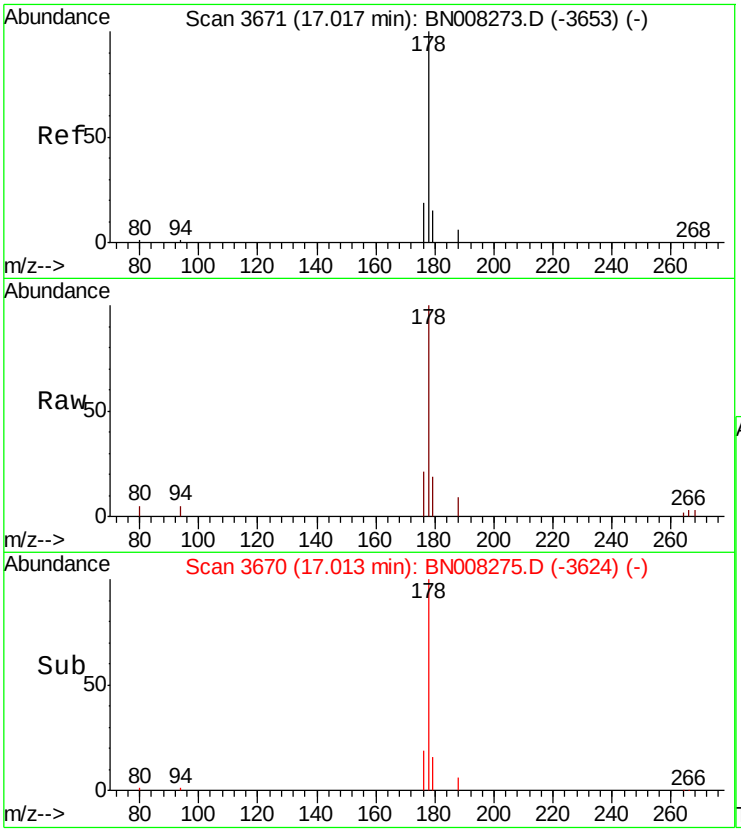


#7
Acenaphthylene
Concen: 0.024 ng/ul
RT: 13.94 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BN008275.D
Acq: 21 Oct 2019 10:25

Tgt Ion:152 Resp: 760

Ion	Ratio	Lower	Upper
152	100		
151	29.3	16.2	24.4#
153	27.4	11.0	16.4#

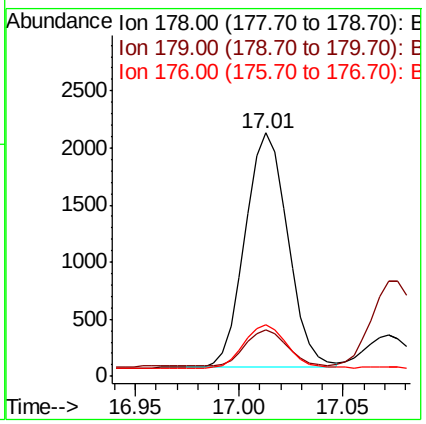




#12
Phenanthrene
Concen: 0.068 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008275.D
Acq: 21 Oct 2019 10:25

Tgt Ion:178 Resp: 2933

Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.8	19.2
176	21.4	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
BEPJ7

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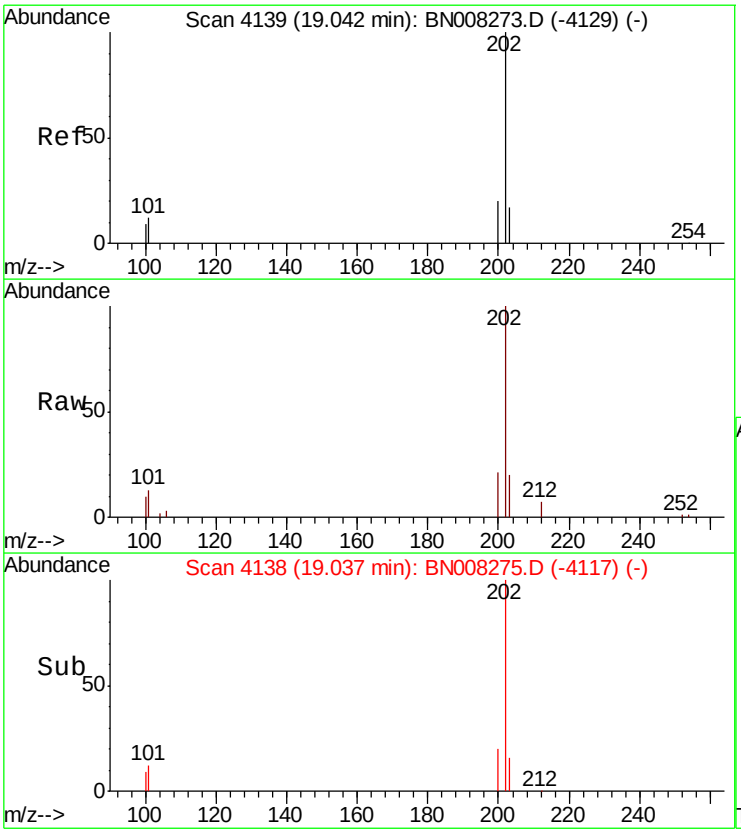
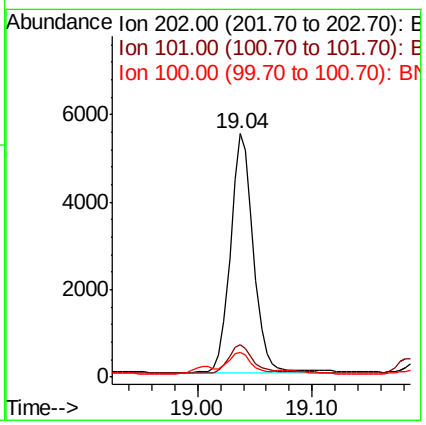
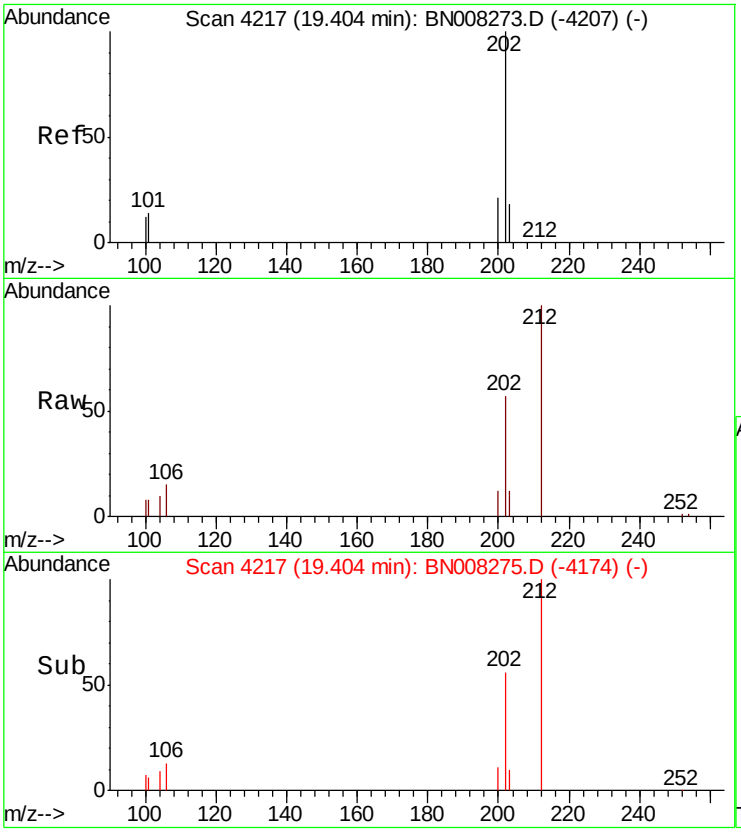


#15
Fluoranthene
Concen: 0.135 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008275.D
Acq: 21 Oct 2019 10:25

Tgt Ion:202 Resp: 7625

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.2
100	10.2	0.0	28.5





#17
Pyrene
Concen: 0.153 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BN008275.D
Acq: 21 Oct 2019 10:25

Tgt Ion:202 Resp: 9081

Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.9	16.3
100	14.6	8.7	13.1#

Instrument :
BNA_N
ClientSampleId :
BEPJ7

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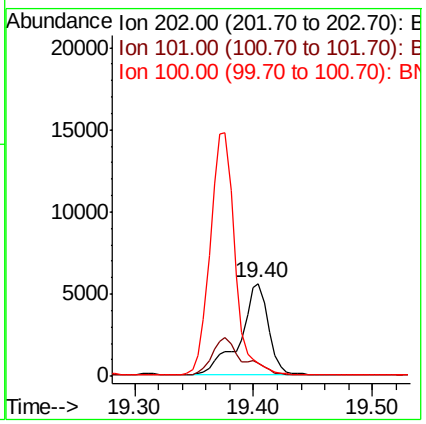
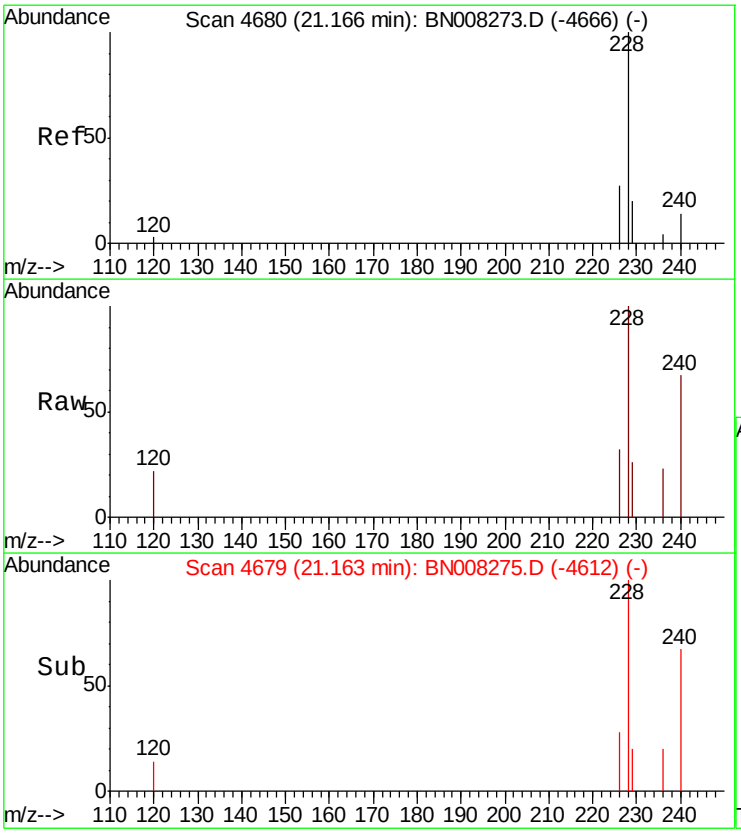
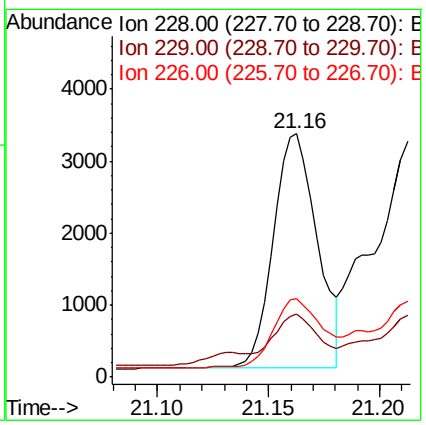


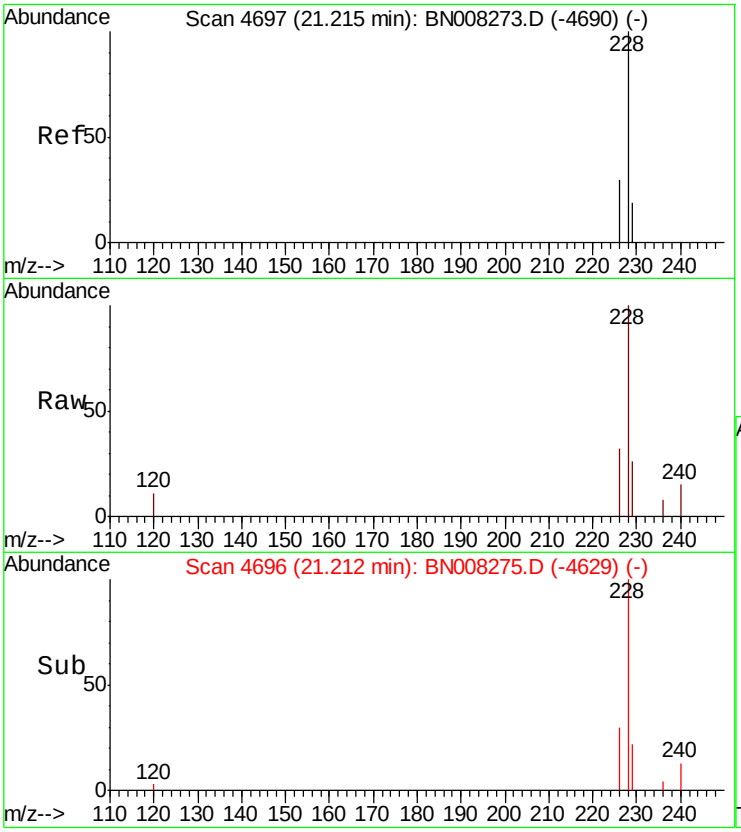


#18
Benzo(a)anthracene
Concen: 0.082 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008275.D
Acq: 21 Oct 2019 10:25

Tgt Ion:228 Resp: 4455

Ion	Ratio	Lower	Upper
228	100		
229	26.0	16.2	24.2#
226	32.0	21.4	32.0





#19
Chrysene
Concen: 0.093 ng/ul
RT: 21.21 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN008275.D
Acq: 21 Oct 2019 10:25

Tgt Ion:228 Resp: 6182

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.1	36.1
229	26.5	16.2	24.2#

Instrument :
BNA_N
ClientSampleId :
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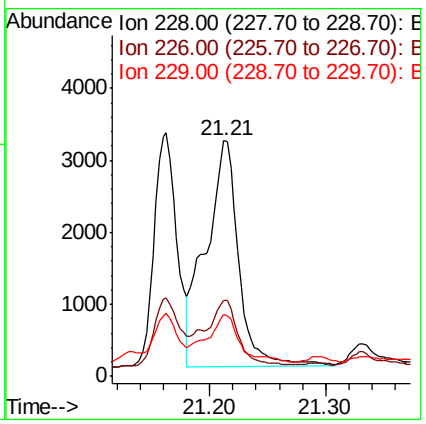
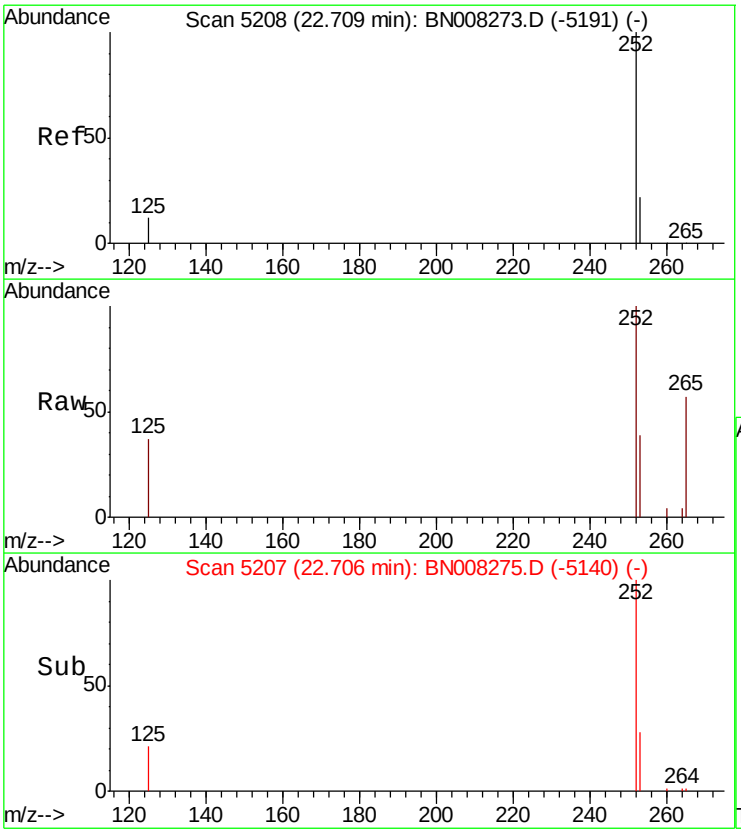
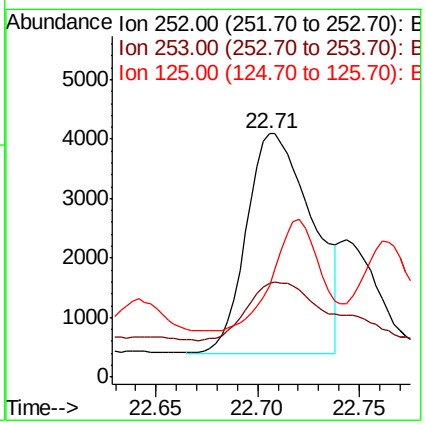


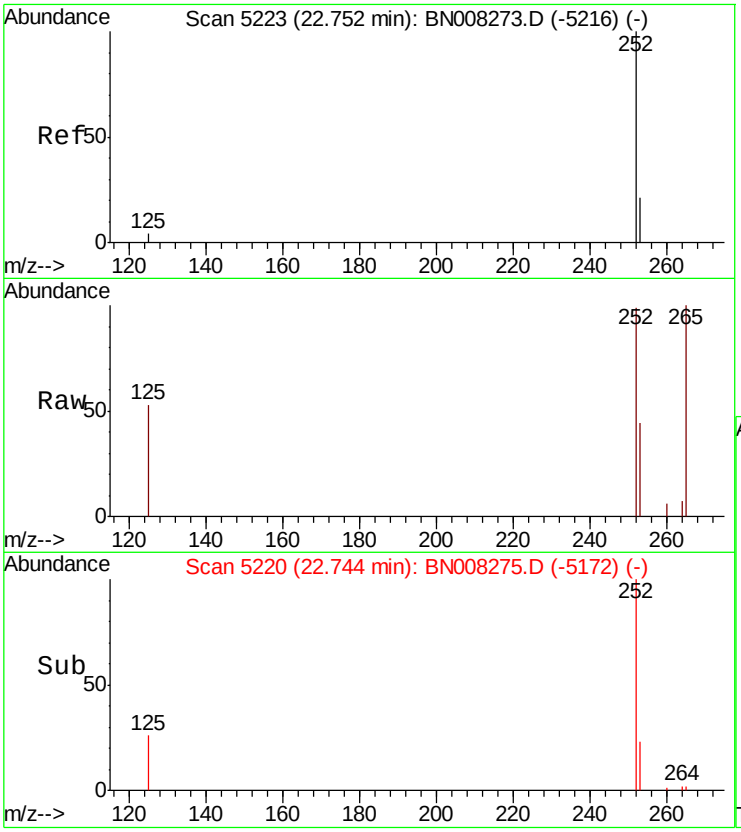


#21
Benzo(b)fluoranthene
Concen: 0.162 ng/ul m
RT: 22.71 min Scan# 5207
Delta R.T. -0.00 min
Lab File: BN008275.D
Acq: 21 Oct 2019 10:25

Tgt Ion:252 Resp: 8414

Ion	Ratio	Lower	Upper
252	100		
253	38.6	0.0	53.4
125	37.4	0.0	32.4#





#22
Benzo(k)fluoranthene
Concen: 0.043 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008275.D
Acq: 21 Oct 2019 10:25

Tgt Ion:252 Resp: 2529

Ion	Ratio	Lower	Upper
252	100		
253	44.6	21.3	31.9#
125	53.7	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
BEPJ7

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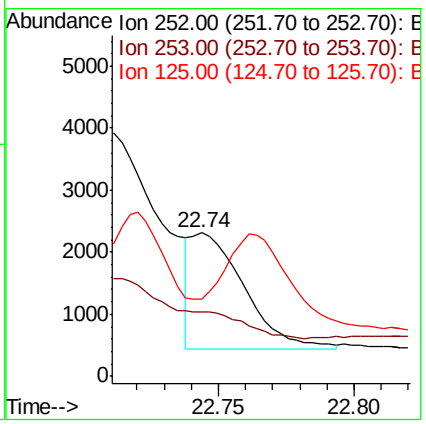
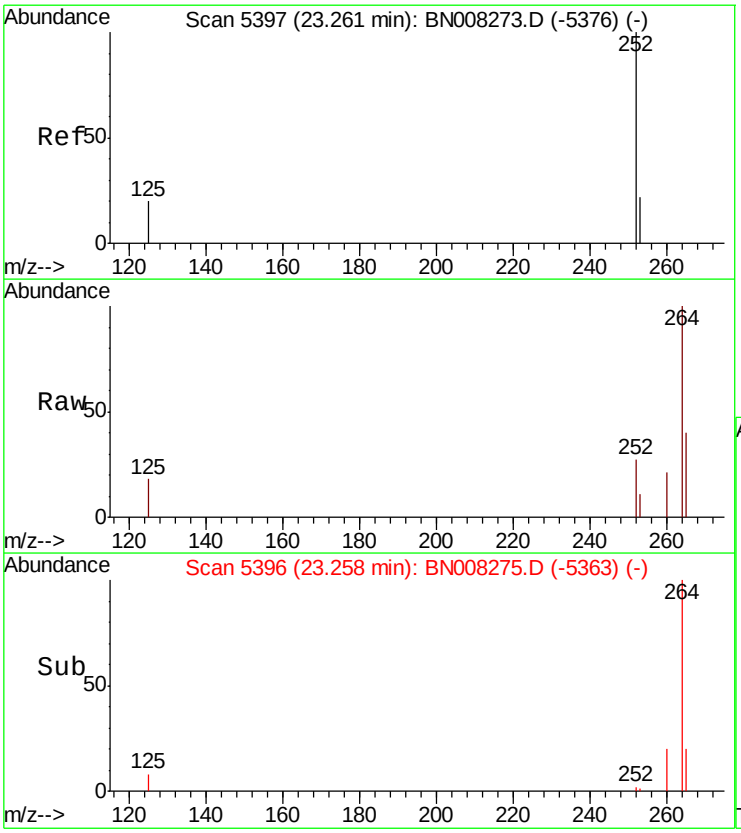
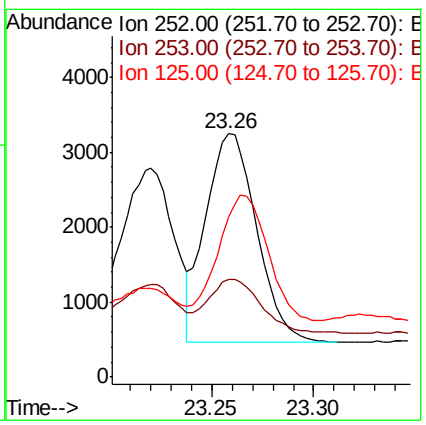


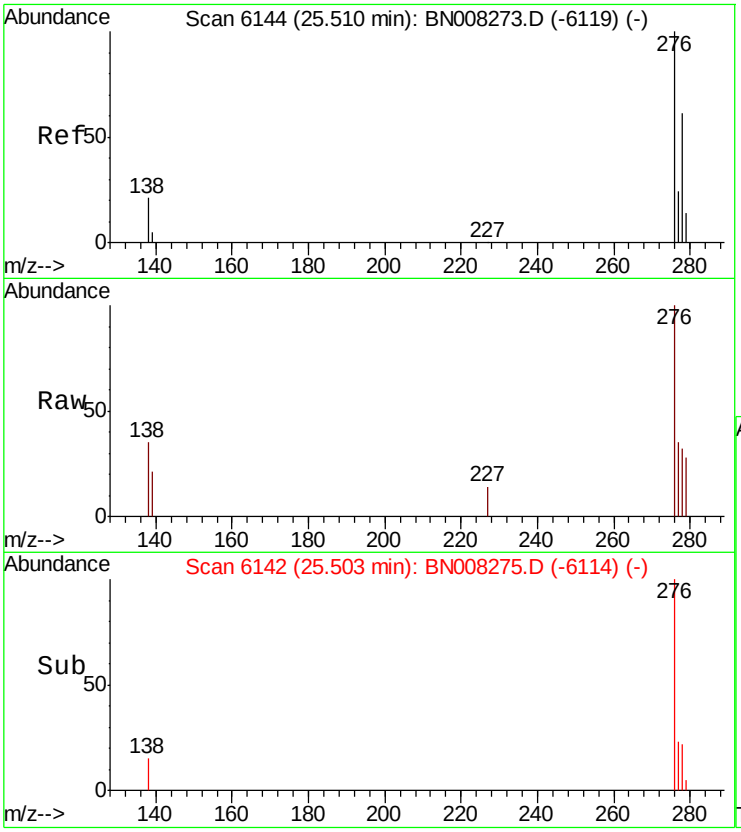


#23
Benzo(a)pyrene
Concen: 0.088 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.00 min
Lab File: BN008275.D
Acq: 21 Oct 2019 10:25

Tgt Ion:252 Resp: 4838

Ion	Ratio	Lower	Upper
252	100		
253	39.9	22.8	34.2#
125	66.0	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng/ul
RT: 25.50 min Scan# 6142
Delta R.T. -0.01 min
Lab File: BN008275.D
Acq: 21 Oct 2019 10:25

Tgt Ion:276 Resp: 3138

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

Instrument :
BNA_N
ClientSampleId :
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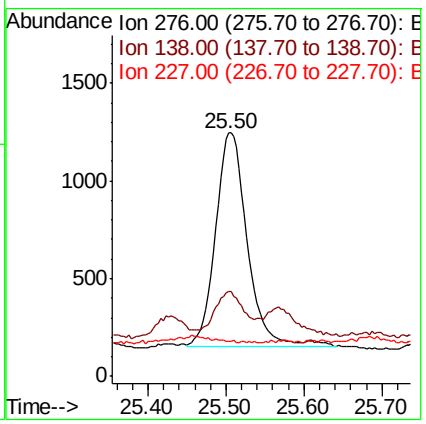

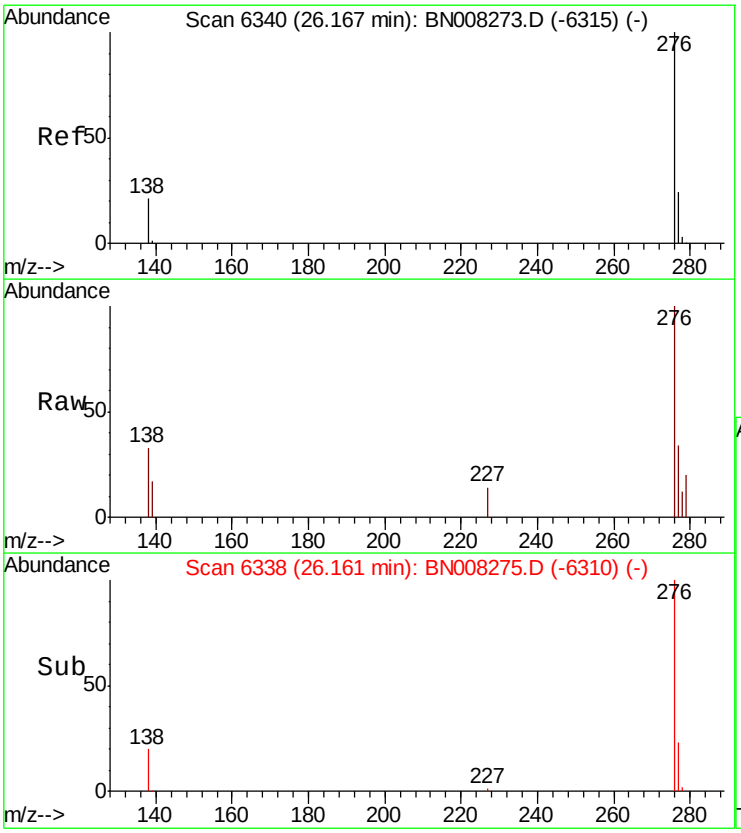

#26
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 26.16 min Scan# 6338
Delta R.T. -0.01 min
Lab File: BN008275.D
Acq: 21 Oct 2019 10:25

Tgt Ion:276 Resp: 3555

Ion	Ratio	Lower	Upper
276	100		
138	33.1	17.0	25.4#
277	33.7	20.4	30.6#