Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008432.D
Acq On : 25 Oct 2019 18:31
Operator : JU
Sample : K5236-15DL2 10X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPM7DL2

Manual Integrations APPROVED
mohammad
10/25/2019 9:29:29 PM

Quant Time: Oct 25 19:27:08 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 : Fri Oct 25 17:59:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1273	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	6526	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	4503	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	9646	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	9158	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	7619	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	198	0.02	ng/ul	0.01
14) Fluoranthene-d10	19.00	212	702	0.02	ng/ul	0.00
Target Compounds						Qvalue
15) Fluoranthene	19.03	202	40047	1.074	ng/ul	99
17) Pyrene	19.39	202	30394	0.834	ng/ul	99
18) Benzo(a)anthracene	21.15	228	17134	0.515	ng/ul	95
19) Chrysene	21.20	228	15044	0.368	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	17406m	0.702	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	6909m	0.246	ng/ul	
23) Benzo(a)pyrene	23.24	252	10731	0.411	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.49	276	8248	0.268	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.49	278	1708	0.070	ng/ul#	56
26) Benzo(g,h,i)perylene	26.14	276	9298	0.330	ng/ul	95

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

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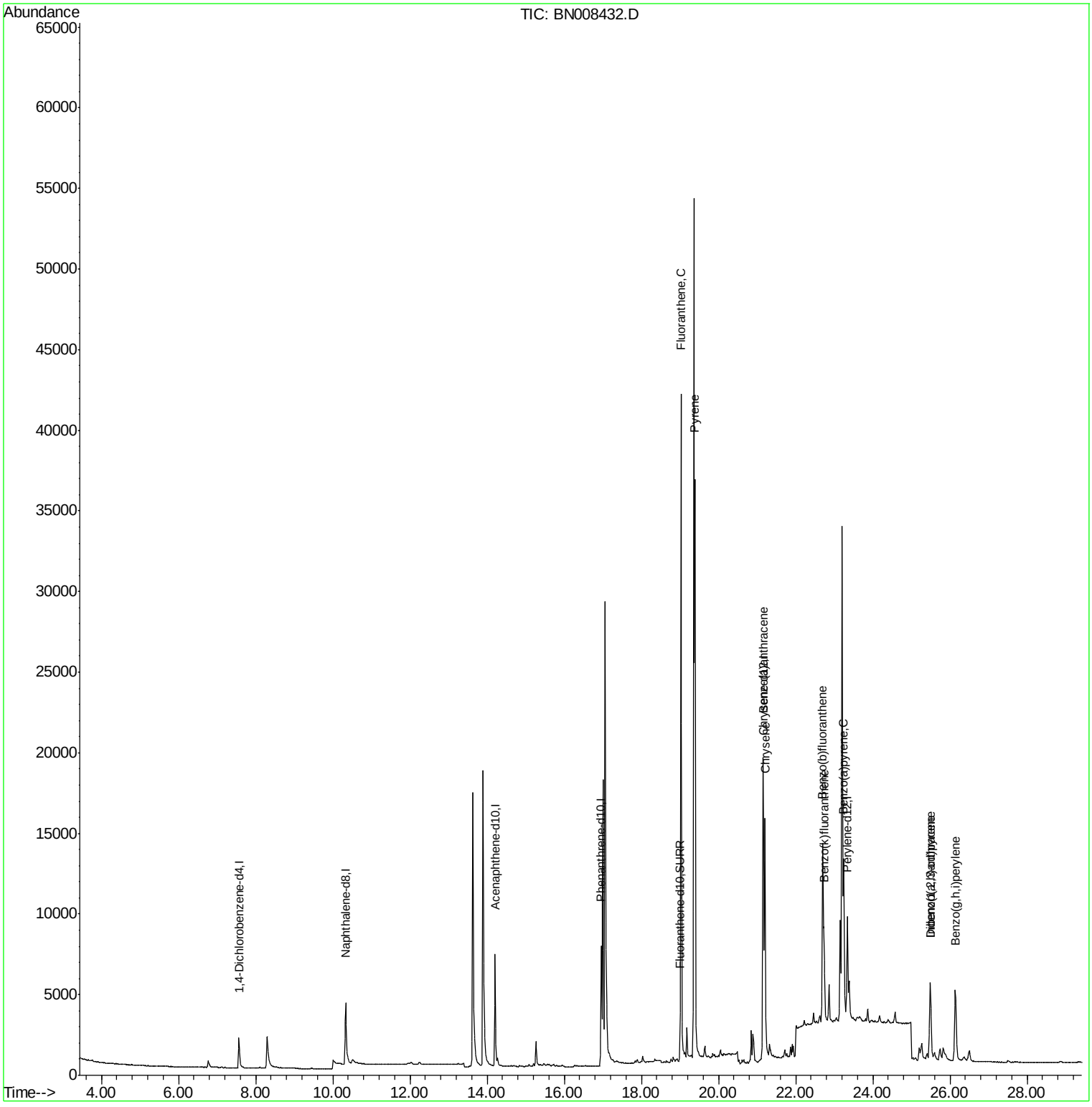
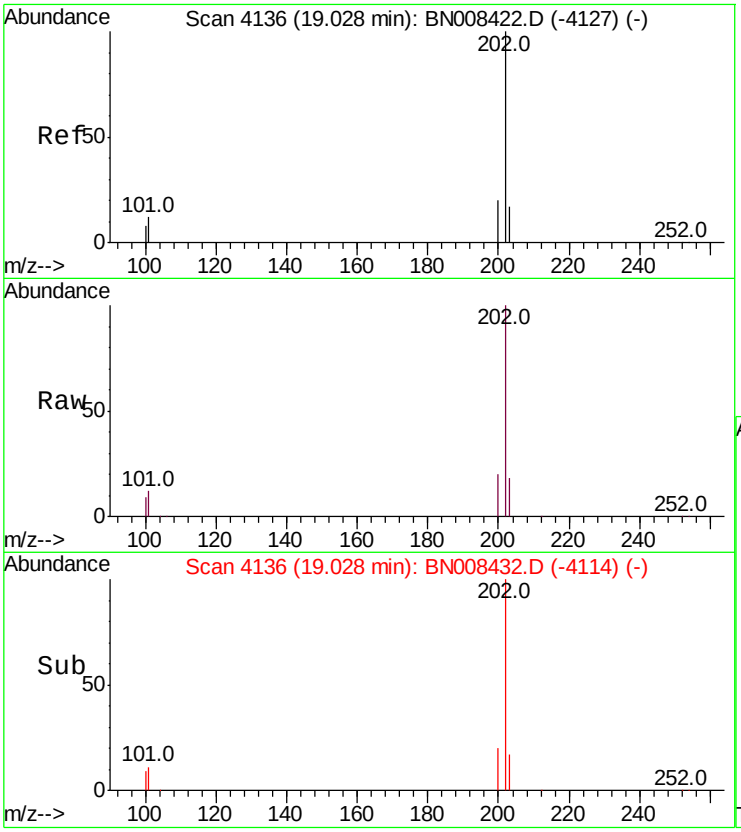
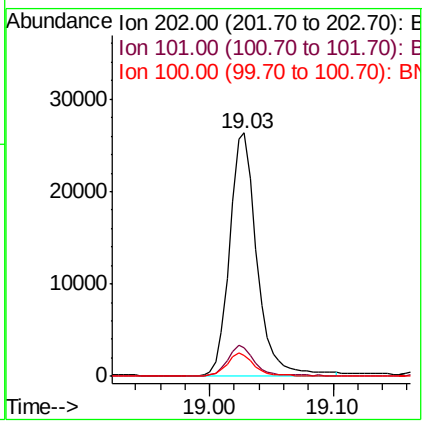




#15
Fluoranthene
Concen: 1.074 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. 0.00 min
Lab File: BN008432.D
Acq: 25 Oct 2019 18:31

Tgt Ion:202 Resp: 40047

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.2
100	8.8	0.0	28.5



Instrument :
BNA_N
ClientSampleId :
BEPM7DL2

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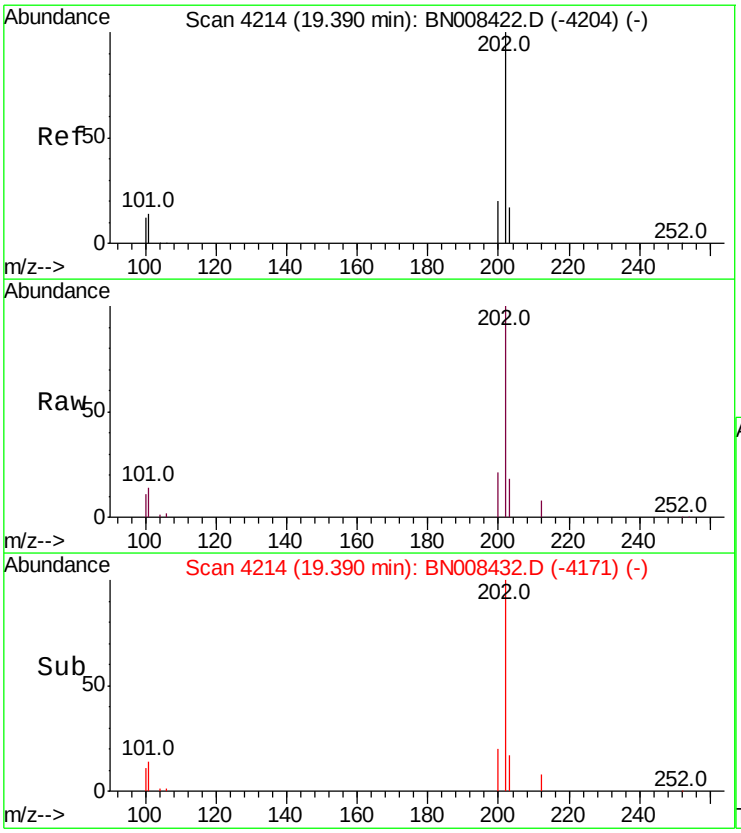
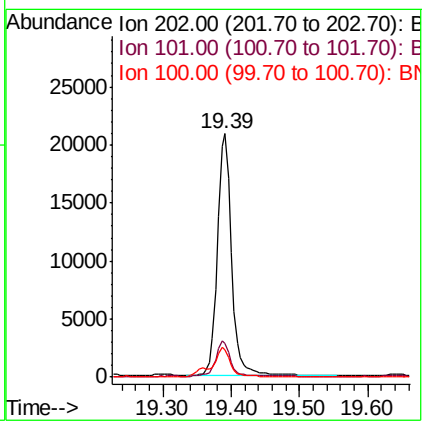
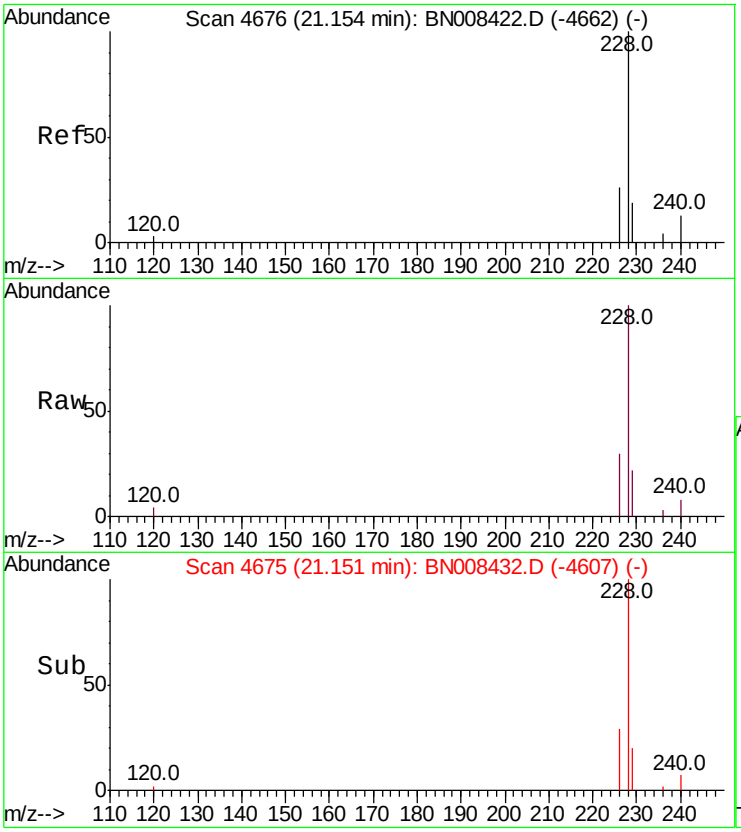


#17
Pyrene
Concen: 0.834 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. 0.00 min
Lab File: BN008432.D
Acq: 25 Oct 2019 18:31

Tgt Ion:202 Resp: 30394

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
100	11.3	8.7	13.1

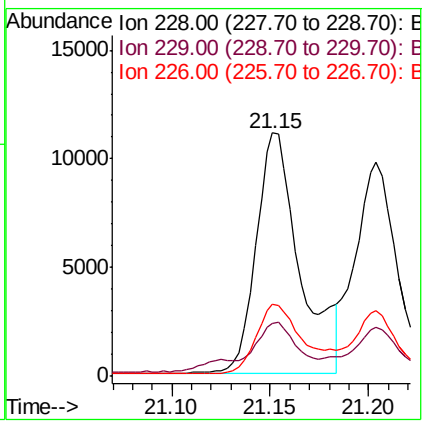




#18
Benzo(a)anthracene
Concen: 0.515 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.00 min
Lab File: BN008432.D
Acq: 25 Oct 2019 18:31

Tgt Ion:228 Resp: 17134

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.2	24.2
226	29.5	21.4	32.0



Instrument :
BNA_N
ClientSampleId :
BEPM7DL2

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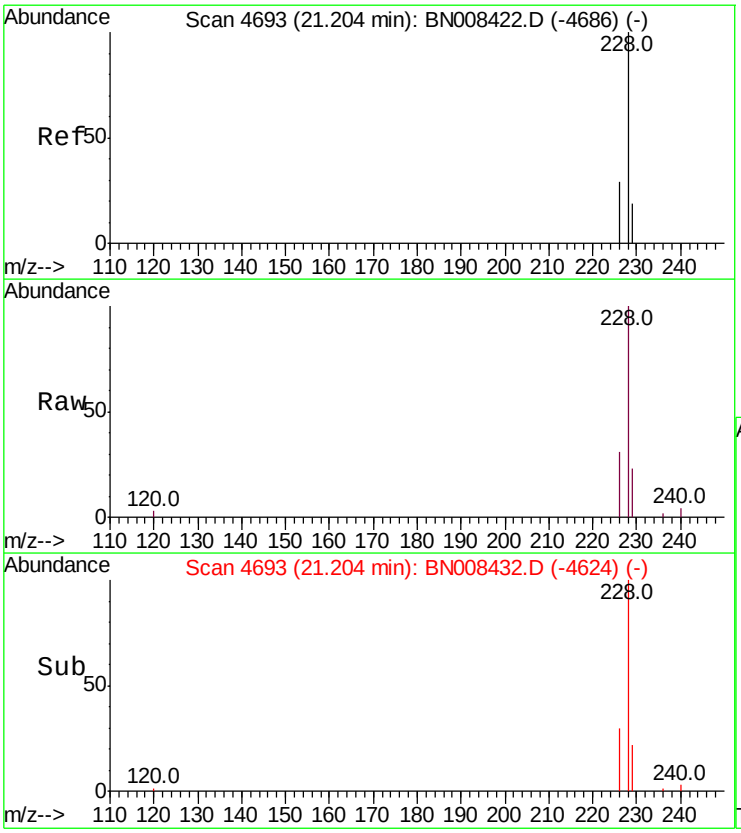
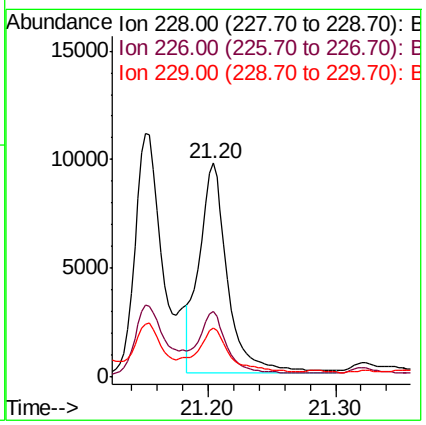
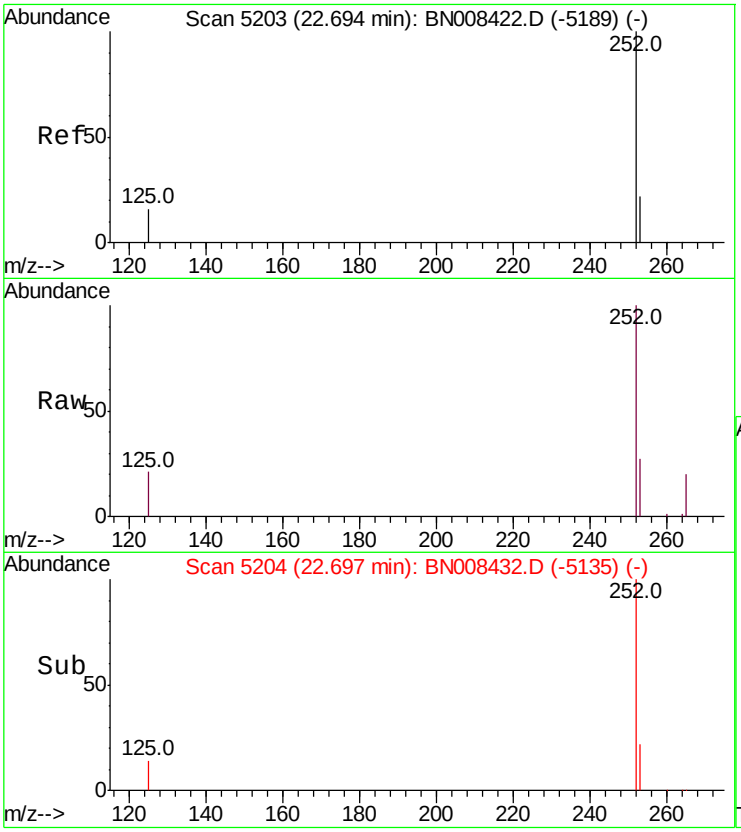


#19
Chrysene
Concen: 0.368 ng/ul
RT: 21.20 min Scan# 4693
Delta R.T. 0.00 min
Lab File: BN008432.D
Acq: 25 Oct 2019 18:31

Tgt Ion:228 Resp: 15044

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	23.1	16.2	24.2





#21
Benzo(b)fluoranthene
Concen: 0.702 ng/ul m
RT: 22.70 min Scan# 5204
Delta R.T. 0.00 min
Lab File: BN008432.D
Acq: 25 Oct 2019 18:31

Tgt Ion:252 Resp: 17406

Ion	Ratio	Lower	Upper
252	100		
253	26.8	0.0	53.4
125	20.5	0.0	32.4

Instrument :
BNA_N
ClientSampleId :
BEPM7DL2

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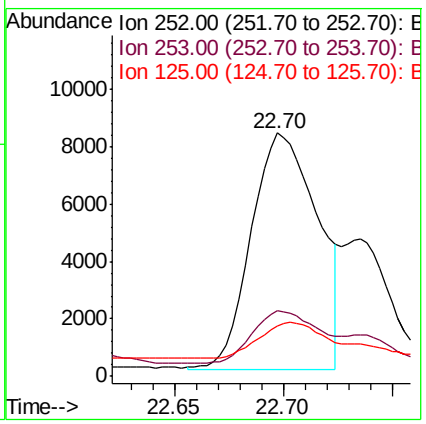
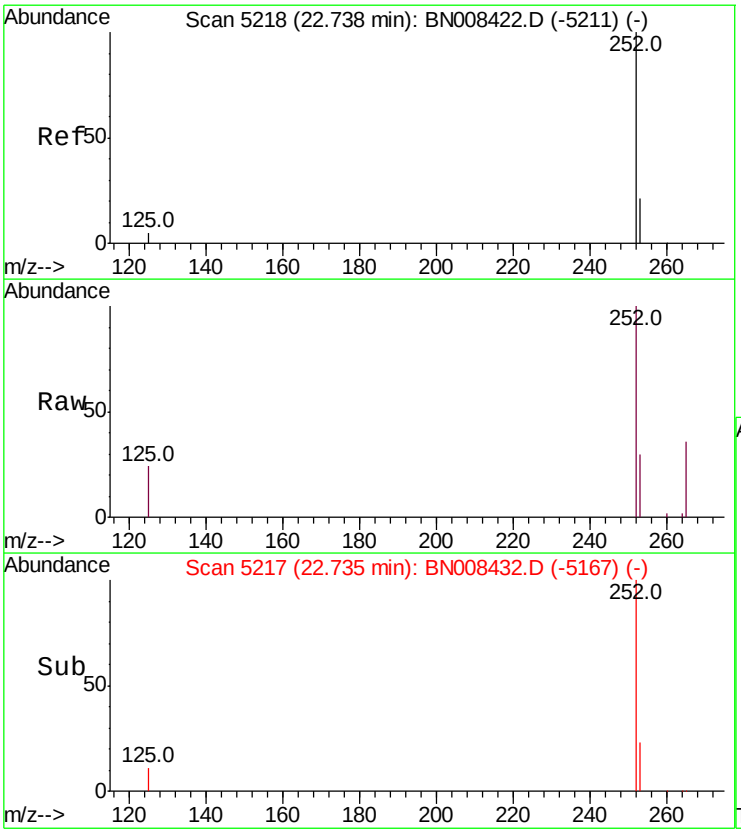
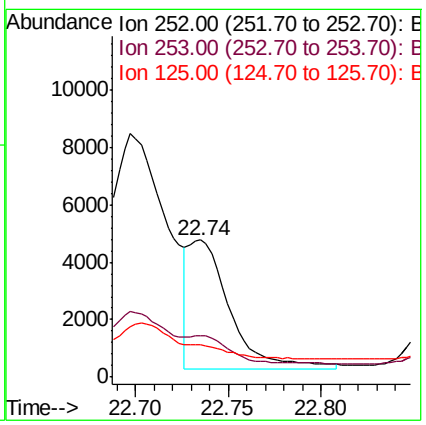


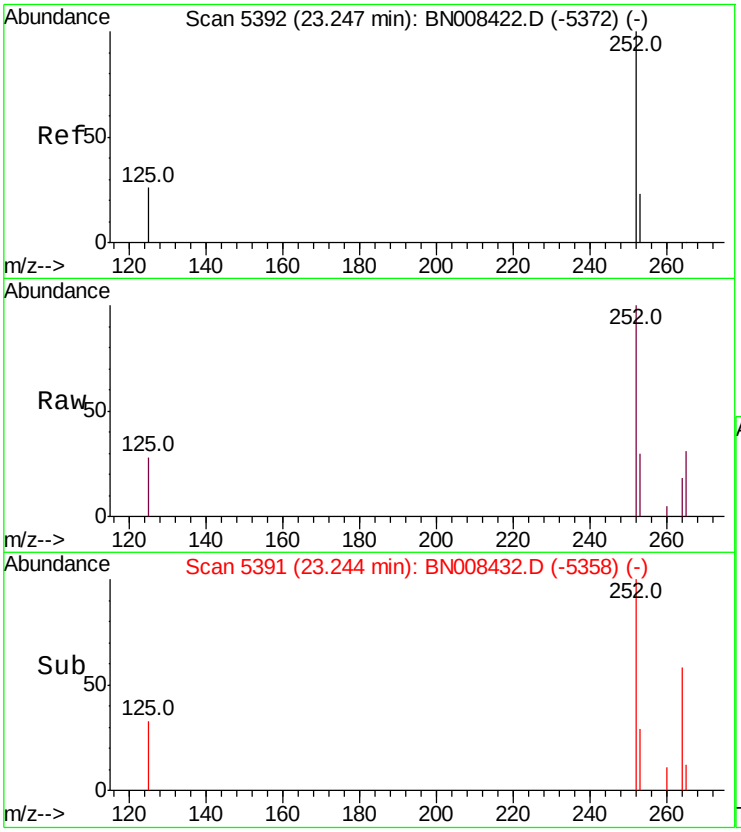


#22
Benzo(k)fluoranthene
Concen: 0.246 ng/ul m
RT: 22.74 min Scan# 5217
Delta R.T. -0.00 min
Lab File: BN008432.D
Acq: 25 Oct 2019 18:31

Tgt Ion:252 Resp: 6909

Ion	Ratio	Lower	Upper
252	100		
253	30.5	21.3	31.9
125	23.6	12.3	18.5#





#23
Benzo(a)pyrene
Concen: 0.411 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. -0.00 min
Lab File: BN008432.D
Acq: 25 Oct 2019 18:31

Tgt Ion:252 Resp: 10731

Ion	Ratio	Lower	Upper
252	100		
253	29.5	22.8	34.2
125	28.2	18.4	27.6#

Instrument :
BNA_N
ClientSampleId :
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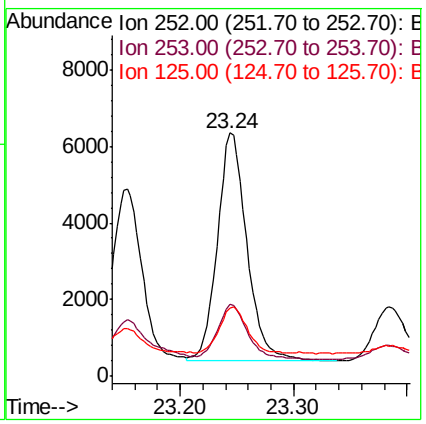
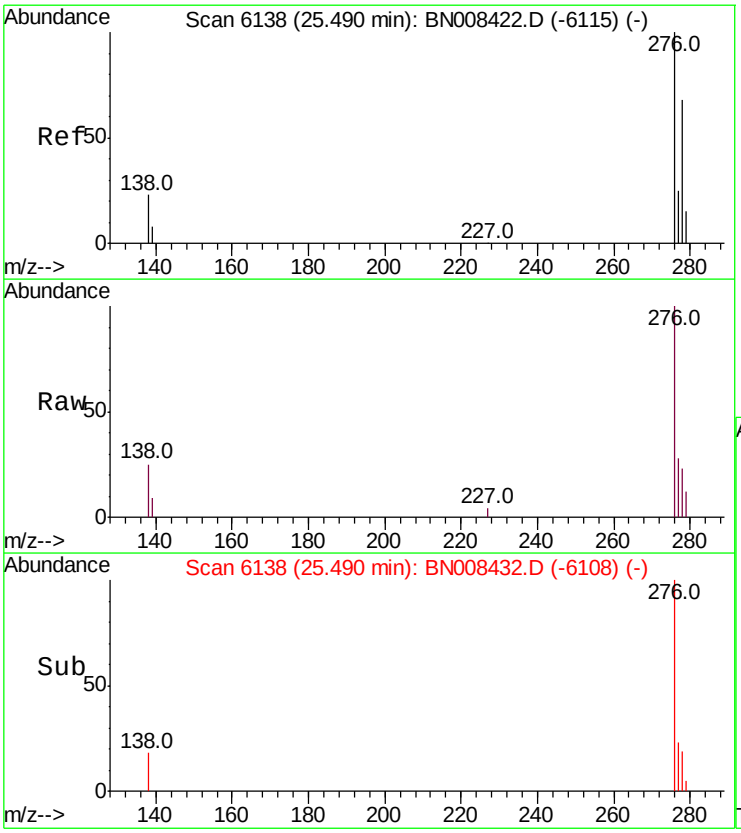
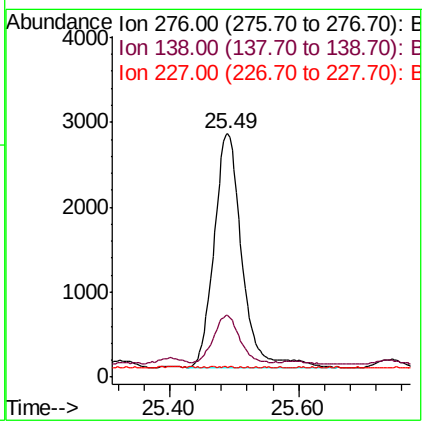


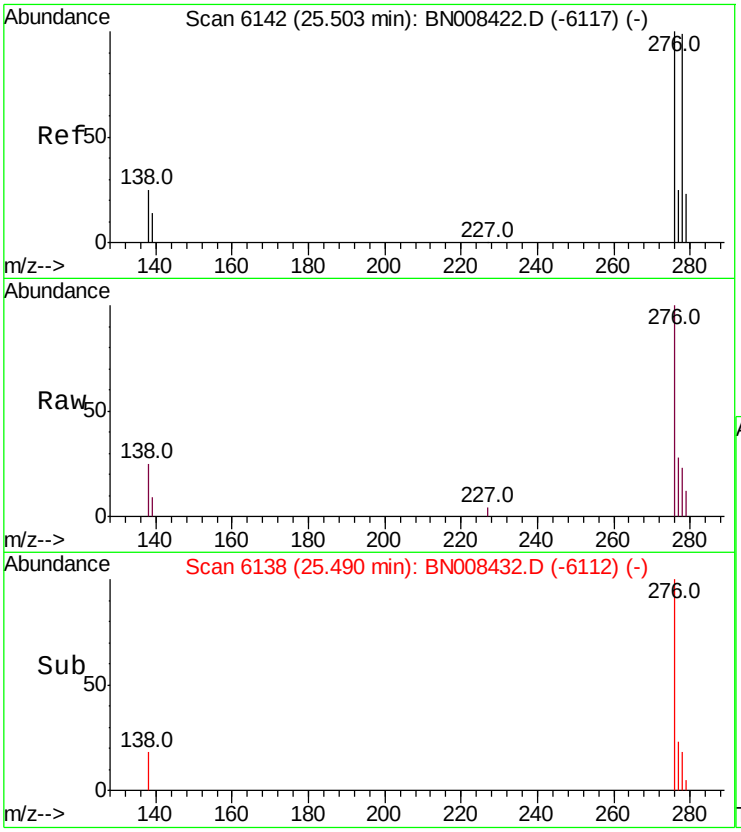


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. 0.00 min
Lab File: BN008432.D
Acq: 25 Oct 2019 18:31

Tgt Ion:276 Resp: 8248

Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.1	24.1
227	0.1	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.01 min
Lab File: BN008432.D
Acq: 25 Oct 2019 18:31

Tgt Ion:278 Resp: 1708

Ion	Ratio	Lower	Upper
278	100		
139	38.3	15.0	22.6#
279	51.6	22.4	33.6#

Instrument :
BNA_N
ClientSampleId :
BEPM7DL2

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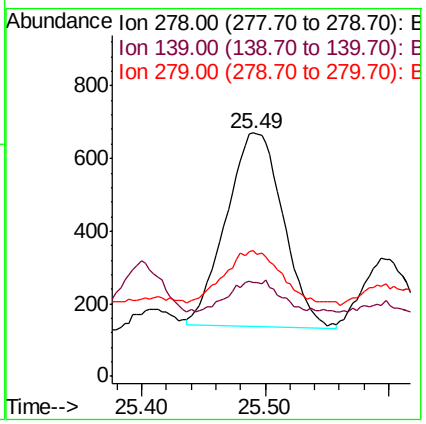

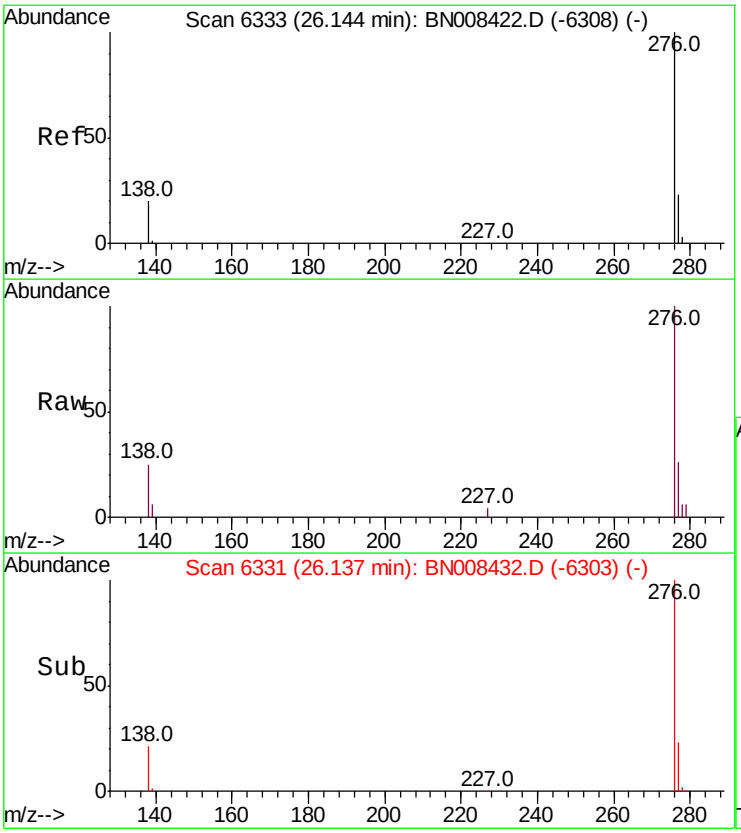

#26
Benzo(g,h,i)perylene
Concen: 0.330 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.01 min
Lab File: BN008432.D
Acq: 25 Oct 2019 18:31

Tgt Ion:276 Resp: 9298

Ion	Ratio	Lower	Upper
276	100		
138	25.1	17.0	25.4
277	26.2	20.4	30.6