Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008374.D
Acq On : 24 Oct 2019 05:52
Operator : JU
Sample : K5235-13
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPL1

Manual Integrations APPROVED
mohammad
10/24/2019 8:07:34 AM

Quant Time: Oct 24 06:43:11 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 : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1669	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	8255	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5169	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	11307m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	10042	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	9163	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	3012	0.22	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	8832	0.23	ng/ul	-0.01
Target Compounds						Qvalue
12) Phenanthrene	17.00	178	1099	0.033	ng/ul#	85
15) Fluoranthene	19.03	202	3127	0.072	ng/ul	91
17) Pyrene	19.39	202	2892	0.072	ng/ul#	85
18) Benzo(a)anthracene	21.15	228	1383	0.038	ng/ul#	87
19) Chrysene	21.20	228	1548	0.035	ng/ul#	90
21) Benzo(b)fluoranthene	22.70	252	1793m	0.060	ng/ul	
23) Benzo(a)pyrene	23.24	252	1124	0.036	ng/ul#	5

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

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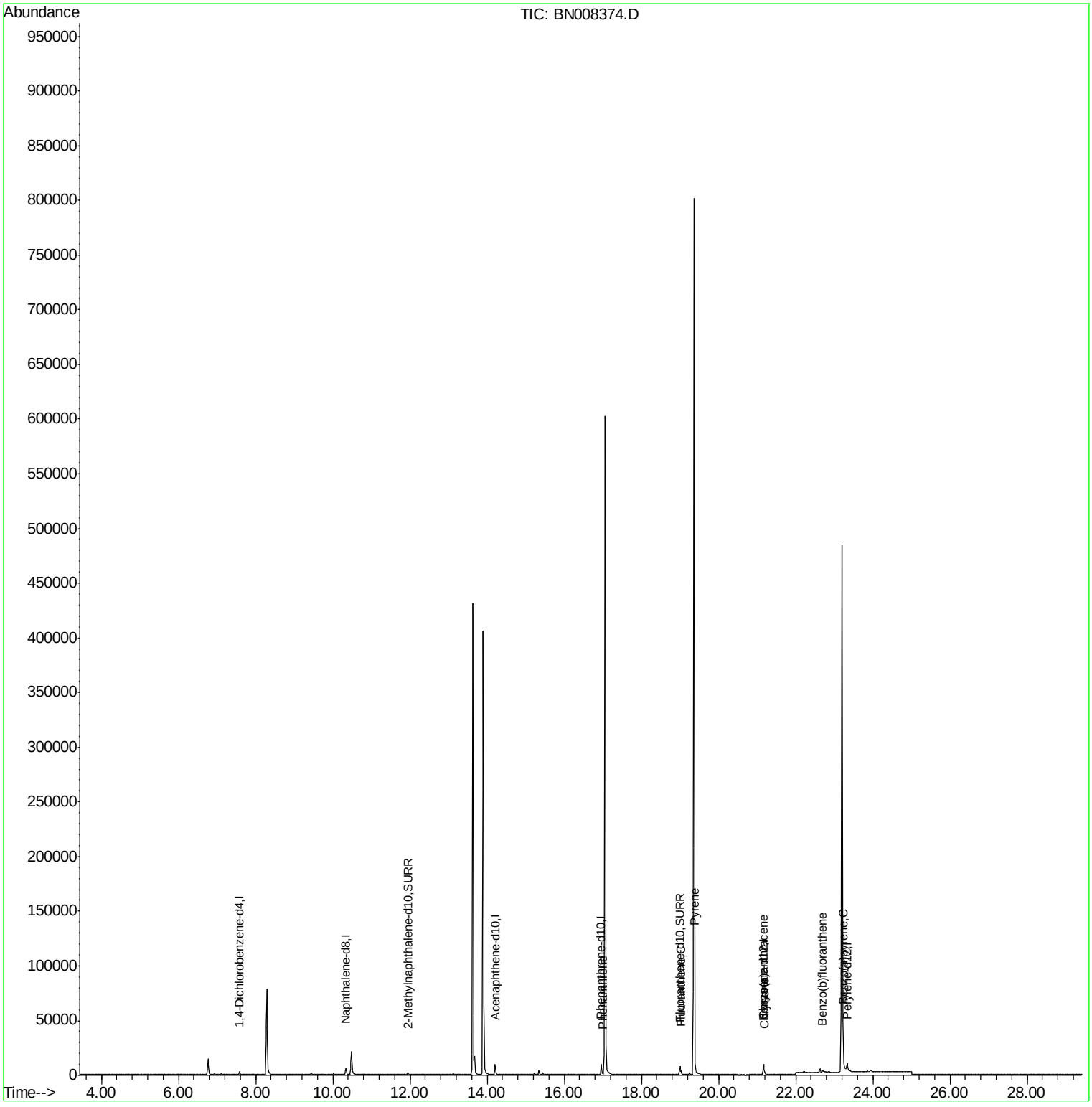

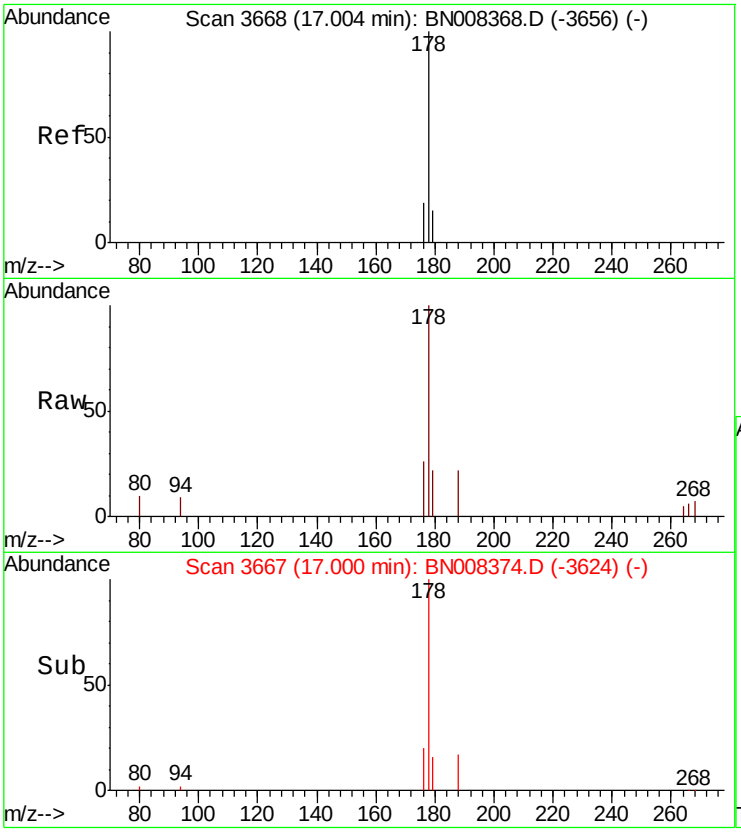

#12
Phenanthrene
Concen: 0.033 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. -0.02 min
Lab File: BN008374.D
Acq: 24 Oct 2019 05:52

Tgt Ion:178 Resp: 1099

Ion	Ratio	Lower	Upper
178	100		
179	22.4	12.8	19.2#
176	25.8	15.4	23.2#

Instrument :
BNA_N
ClientSampleId :
BEPL1

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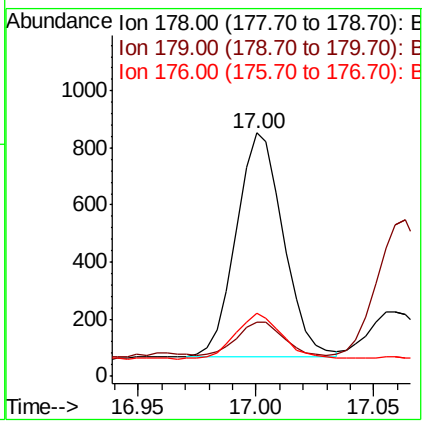
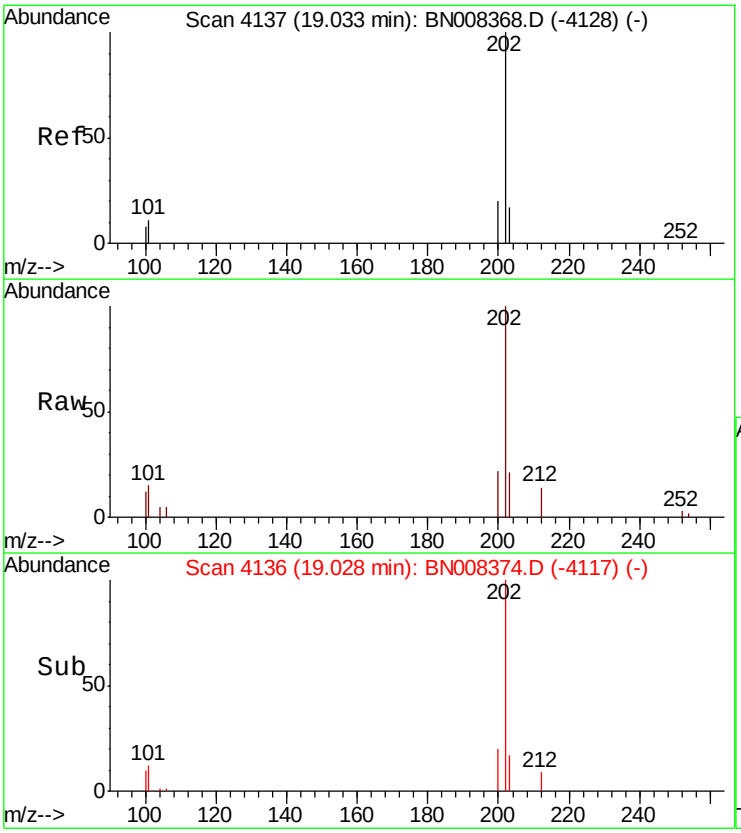
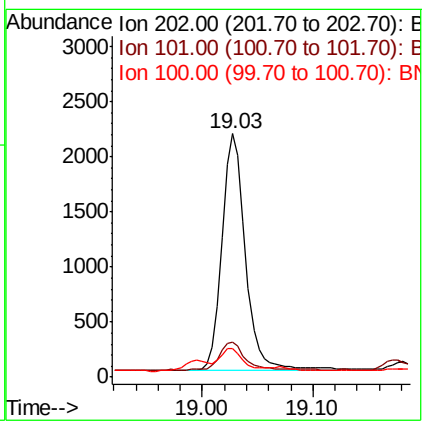


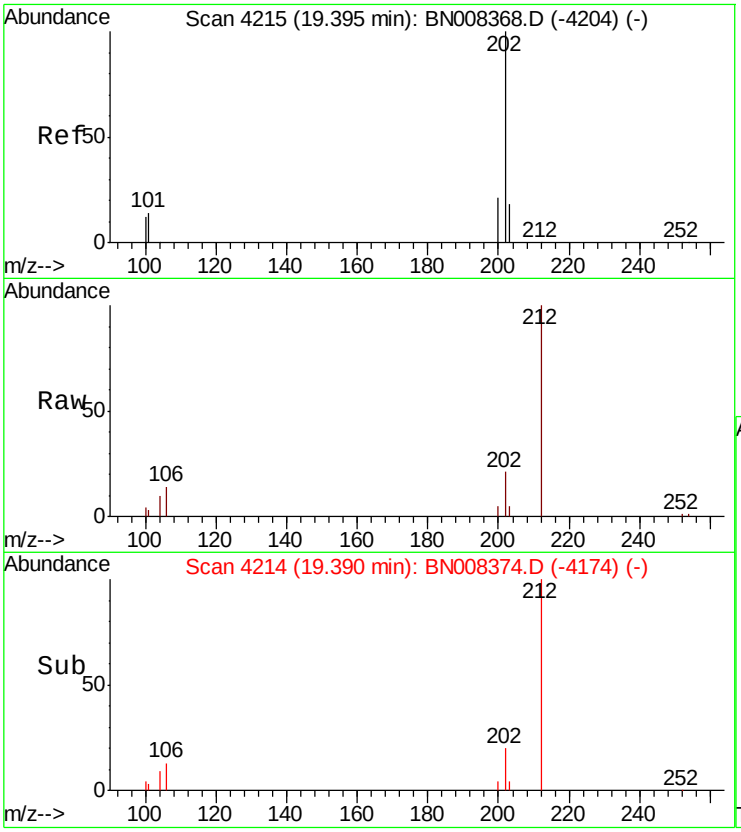


#15
Fluoranthene
Concen: 0.072 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. -0.01 min
Lab File: BN008374.D
Acq: 24 Oct 2019 05:52

Tgt Ion:202 Resp: 3127

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	31.2
100	11.9	0.0	28.5





#17
Pyrene
Concen: 0.072 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008374.D
Acq: 24 Oct 2019 05:52

Tgt Ion:202 Resp: 2892

Ion	Ratio	Lower	Upper
202	100		
101	16.7	10.9	16.3#
100	20.2	8.7	13.1#

Instrument :
BNA_N
ClientSampleId :
BEPL1

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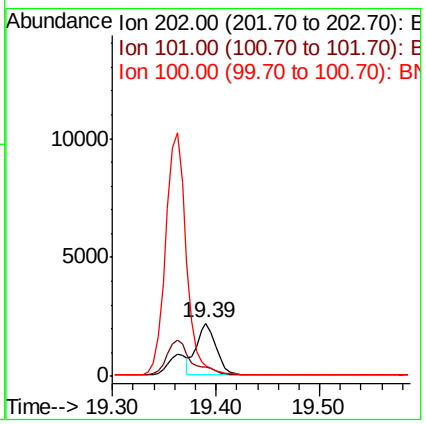
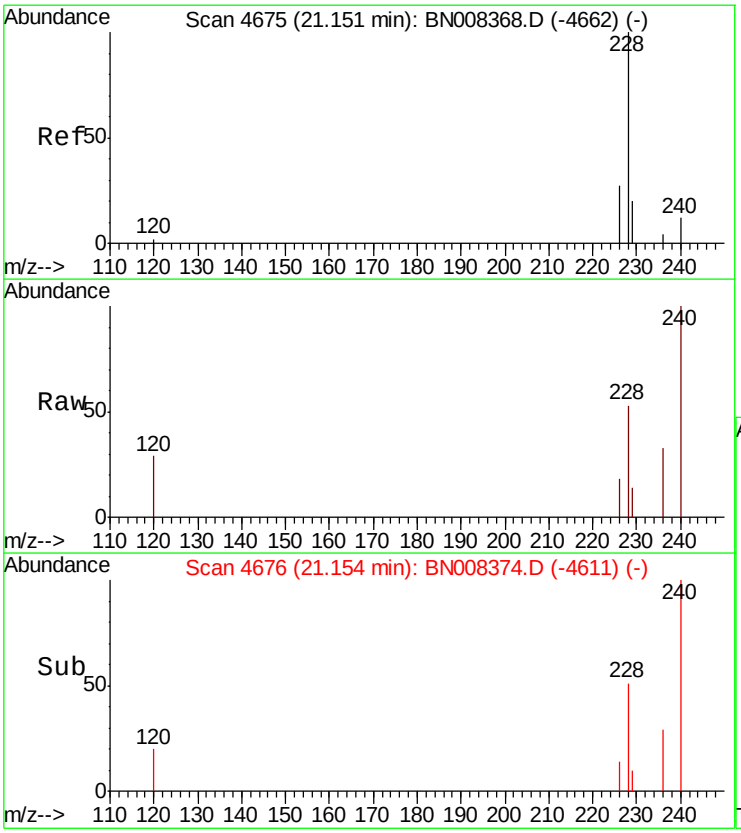
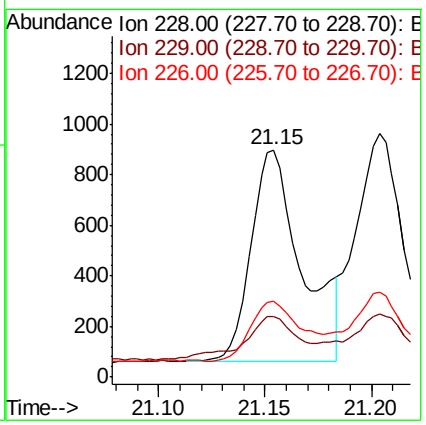


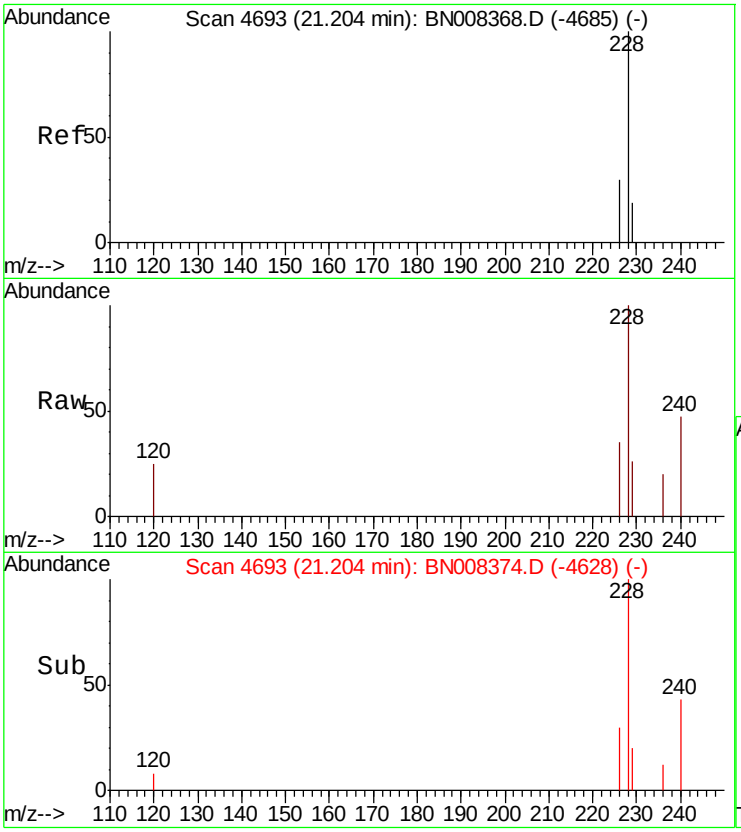


#18
Benzo(a)anthracene
Concen: 0.038 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.01 min
Lab File: BN008374.D
Acq: 24 Oct 2019 05:52

Tgt Ion:228 Resp: 1383

Ion	Ratio	Lower	Upper
228	100		
229	26.6	16.2	24.2#
226	33.3	21.4	32.0#





#19
Chrysene
Concen: 0.035 ng/ul
RT: 21.20 min Scan# 4693
Delta R.T. -0.01 min
Lab File: BN008374.D
Acq: 24 Oct 2019 05:52

Tgt Ion:228 Resp: 1548

Ion	Ratio	Lower	Upper
228	100		
226	34.6	24.1	36.1
229	25.9	16.2	24.2#

Instrument :
BNA_N
ClientSampleId :
BEPL1

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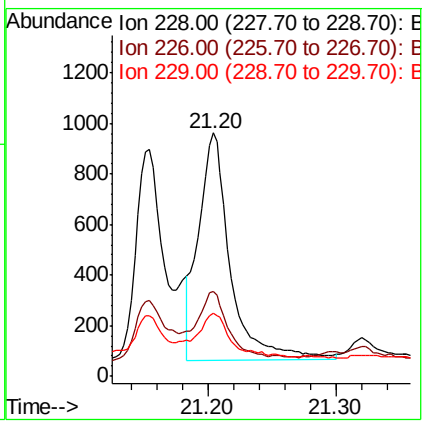
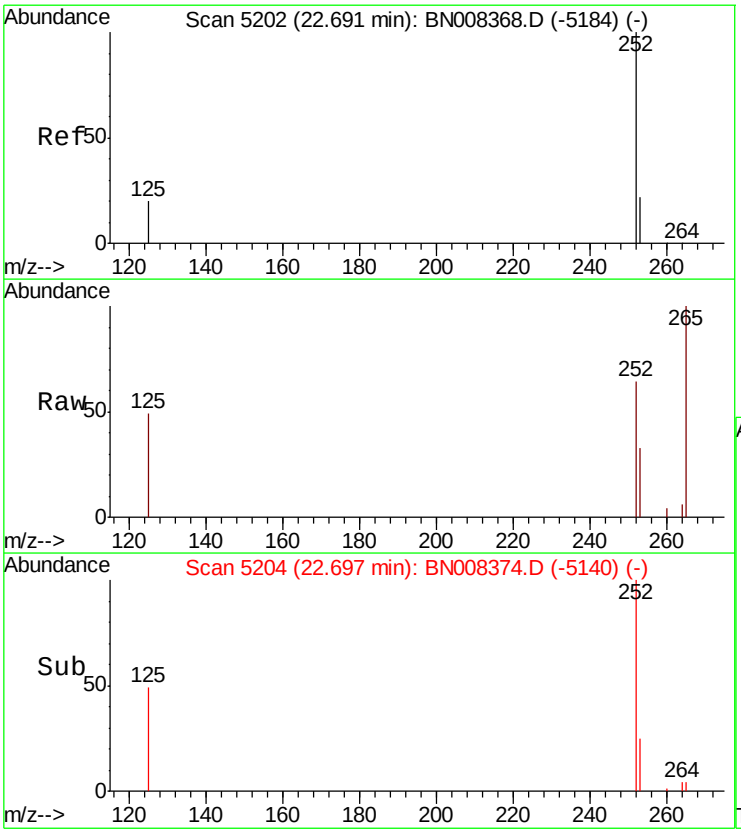
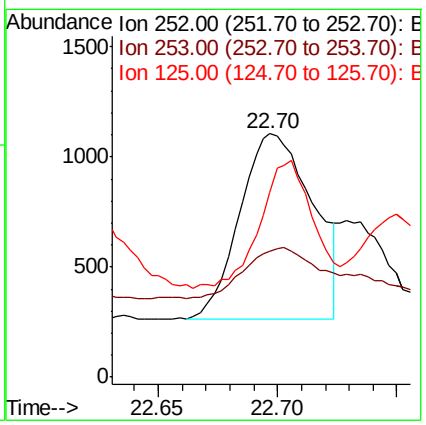


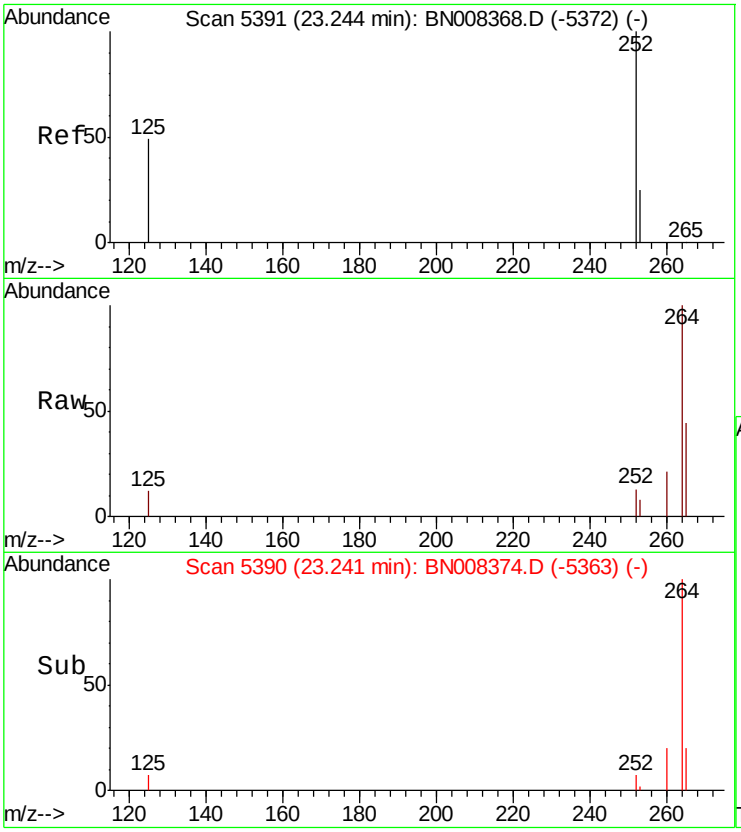


#21
Benzo(b)fluoranthene
Concen: 0.060 ng/ul m
RT: 22.70 min Scan# 5204
Delta R.T. -0.01 min
Lab File: BN008374.D
Acq: 24 Oct 2019 05:52

Tgt Ion:252 Resp: 1793

Ion	Ratio	Lower	Upper
252	100		
253	51.6	0.0	53.4
125	75.9	0.0	32.4#

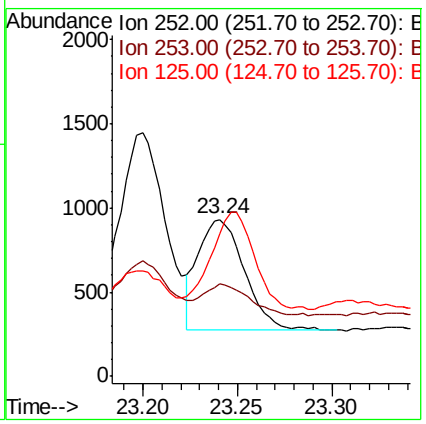




#23
Benzo(a)pyrene
Concen: 0.036 ng/ul
RT: 23.24 min Scan# 5390
Delta R.T. -0.02 min
Lab File: BN008374.D
Acq: 24 Oct 2019 05:52

Tgt Ion:252 Resp: 1124

Ion	Ratio	Lower	Upper
252	100		
253	59.3	22.8	34.2#
125	91.1	18.4	27.6#



Instrument :
BNA_N
ClientSampleId :
BEPL1

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