Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
Data File : BN006386.D
Acq On : 18 Jun 2019 20:43
Operator : JU/SJ
Sample : K3335-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Z7

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:25 AM

Quant Time: Jun 19 02:10:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3573	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	13559	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	6586	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	12413	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	9197	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	12710	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2846	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	5676	0.17	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.09	178	2329	0.058	ng/ul#	91
15) Fluoranthene	19.12	202	6587	0.150	ng/ul	95
17) Pyrene	19.48	202	5201m	0.107	ng/ul	
18) Benzo(a)anthracene	21.25	228	2515	0.062	ng/ul#	91
19) Chrysene	21.30	228	2698	0.071	ng/ul	93
21) Benzo(b)fluoranthene	22.83	252	4069m	0.077	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1473m	0.029	ng/ul	
23) Benzo(a)pyrene	23.39	252	2198	0.045	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.73	276	1804	0.034	ng/ul#	85
26) Benzo(g,h,i)perylene	26.42	276	1151	0.026	ng/ul#	61

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

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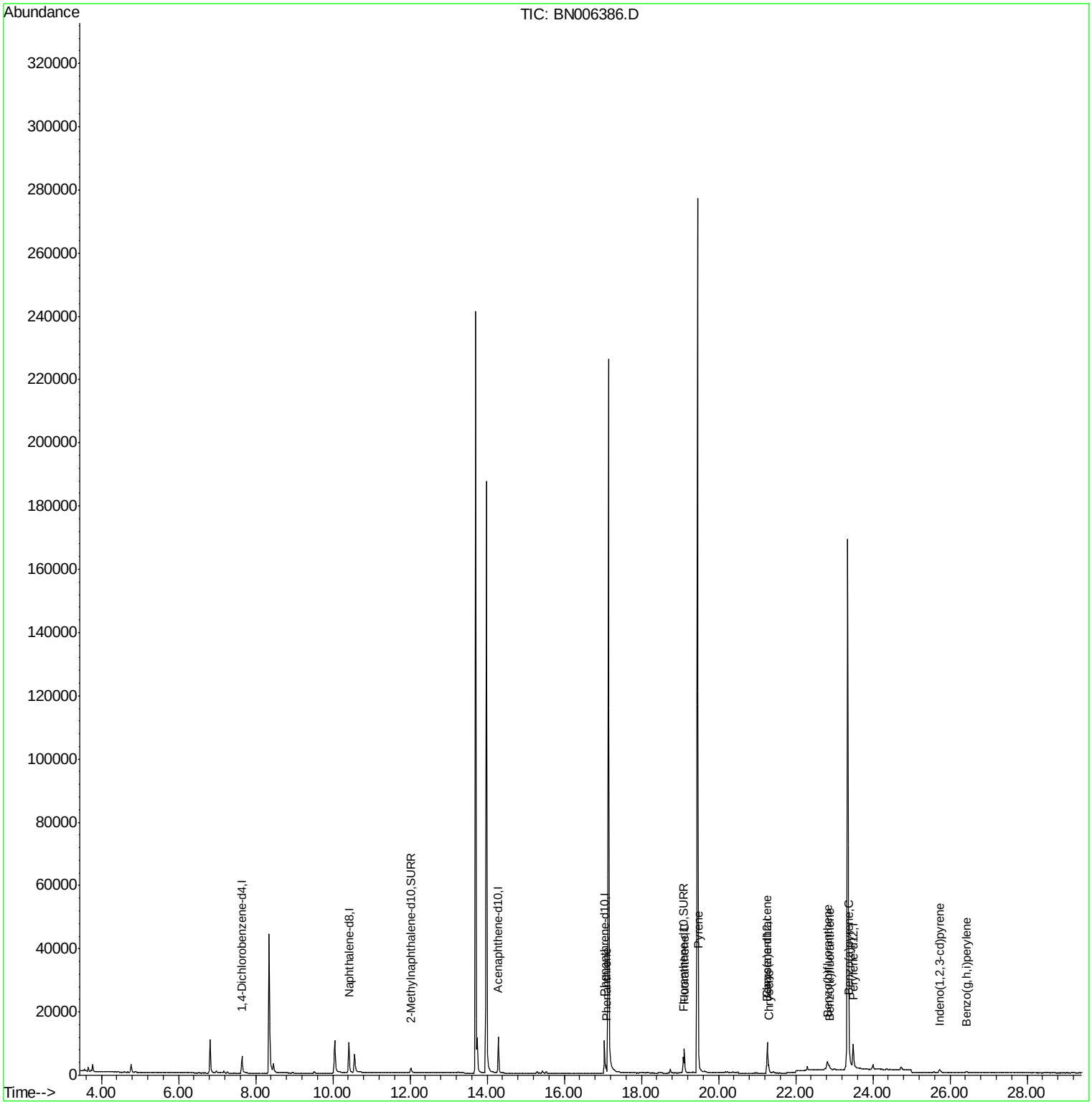
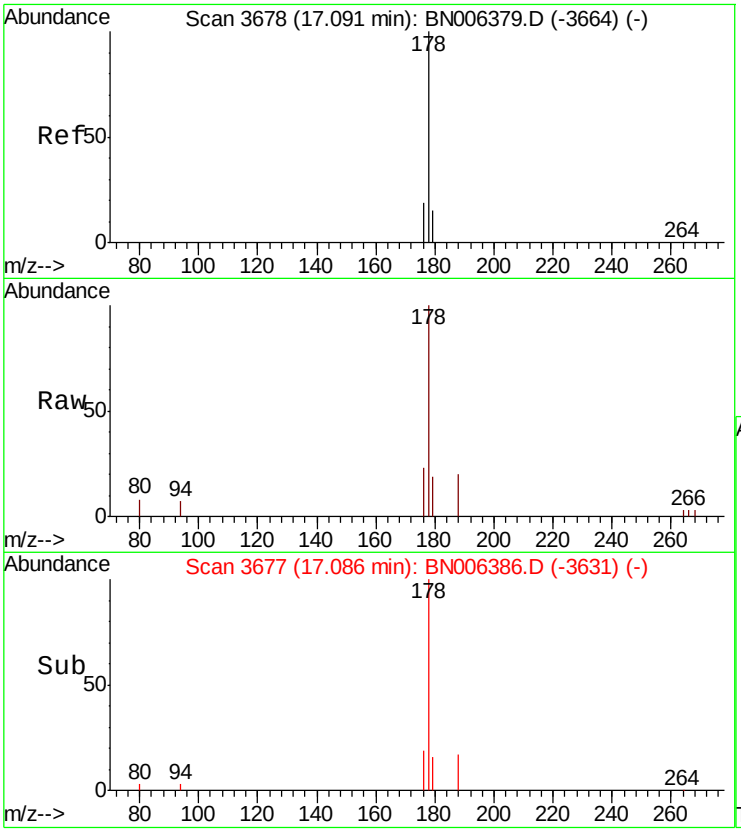
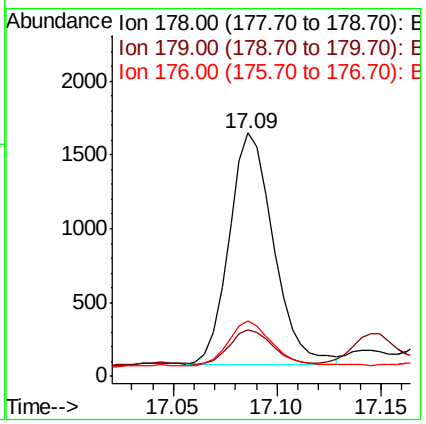




#12
Phenanthrene
Concen: 0.058 ng/ul
RT: 17.09 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BN006386.D
Acq: 18 Jun 2019 20:43

Tgt Ion:178 Resp: 2329

Ion	Ratio	Lower	Upper
178	100		
179	19.3	12.3	18.5#
176	22.9	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A41Z7

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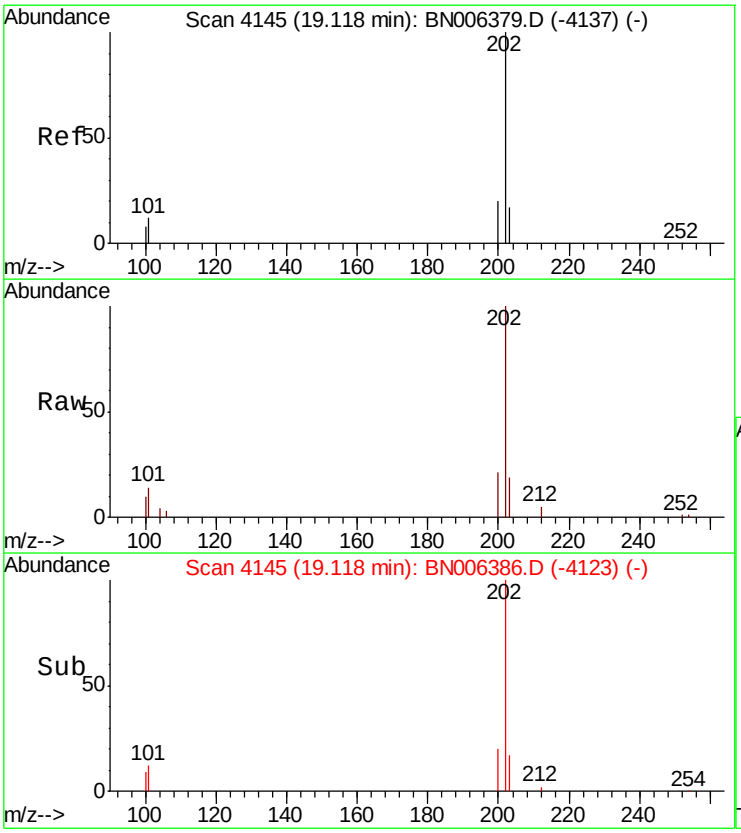
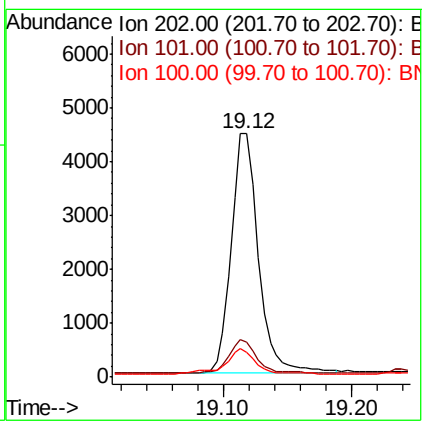
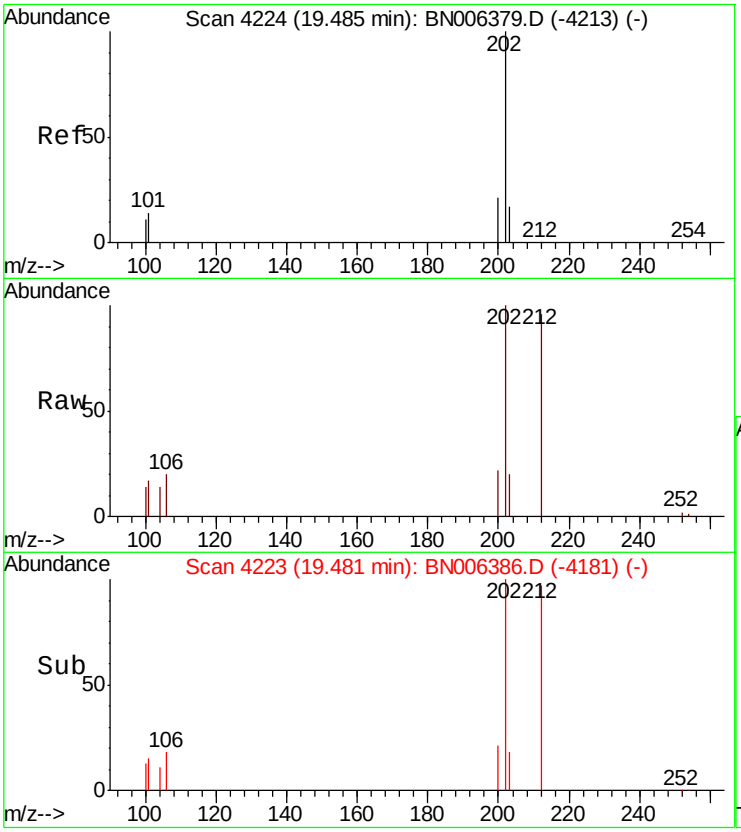


#15
Fluoranthene
Concen: 0.150 ng/ul
RT: 19.12 min Scan# 4145
Delta R.T. 0.00 min
Lab File: BN006386.D
Acq: 18 Jun 2019 20:43

Tgt Ion:202 Resp: 6587

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	32.1
100	10.3	0.0	28.7





#17
Pyrene
Concen: 0.107 ng/ul m
RT: 19.48 min Scan# 4223
Delta R.T. -0.00 min
Lab File: BN006386.D
Acq: 18 Jun 2019 20:43

Tgt Ion:202 Resp: 5201

Ion	Ratio	Lower	Upper
202	100		
101	16.6	12.2	18.2
100	13.8	9.8	14.6

Instrument :
BNA_N
ClientSampleId :
A41Z7

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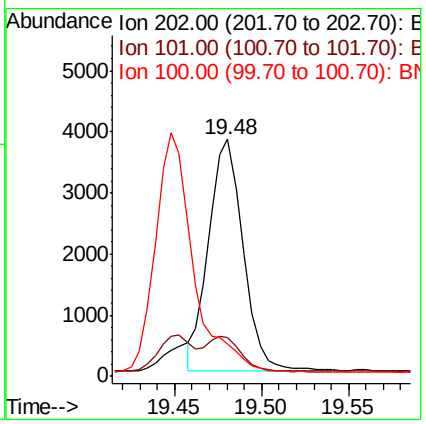
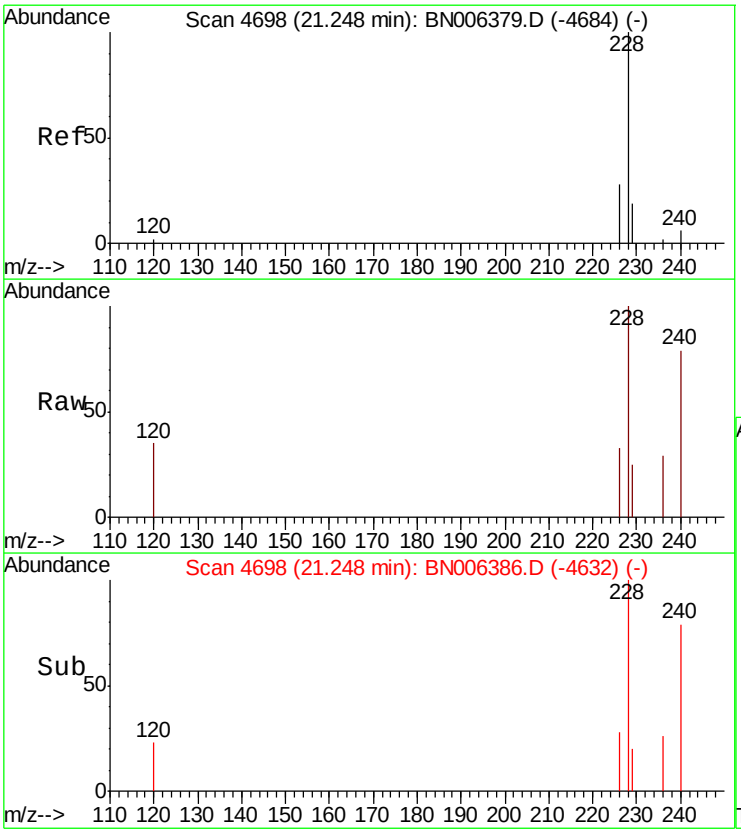
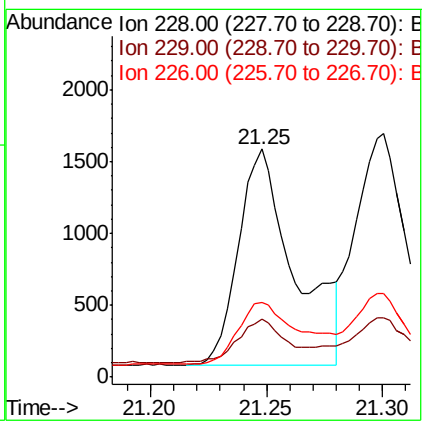


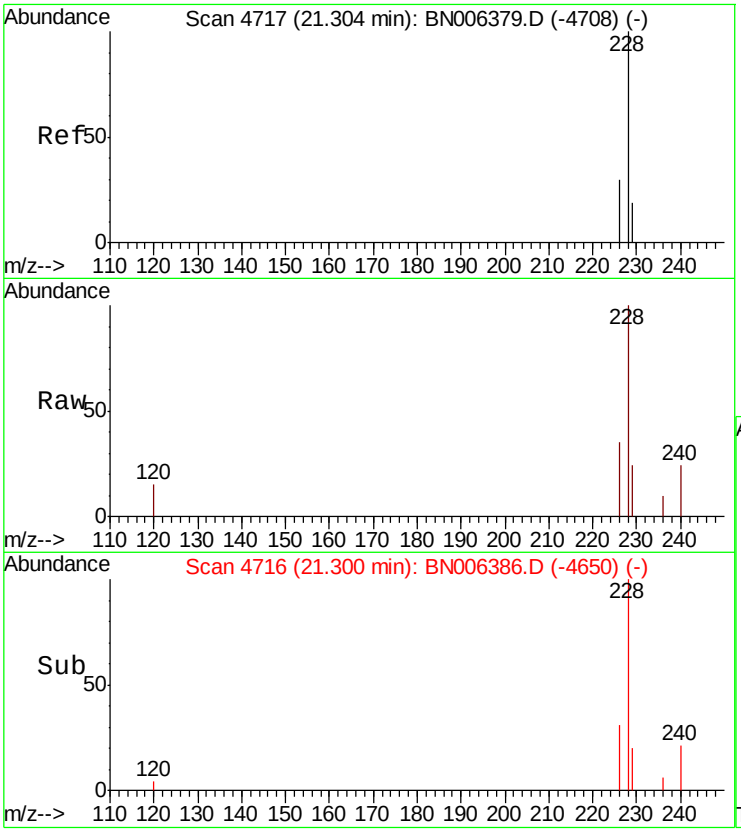


#18
Benzo(a)anthracene
Concen: 0.062 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. -0.01 min
Lab File: BN006386.D
Acq: 18 Jun 2019 20:43

Tgt Ion:228 Resp: 2515

Ion	Ratio	Lower	Upper
228	100		
229	25.3	16.5	24.7#
226	32.7	22.8	34.2

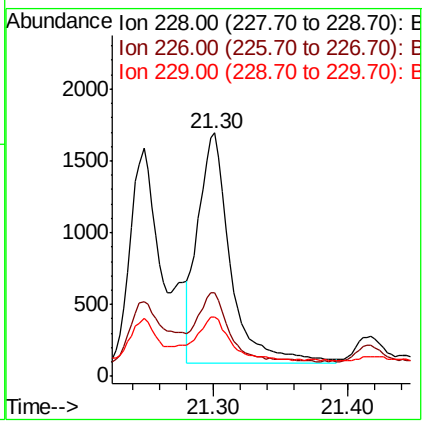




#19
Chrysene
Concen: 0.071 ng/ul
RT: 21.30 min Scan# 4716
Delta R.T. -0.01 min
Lab File: BN006386.D
Acq: 18 Jun 2019 20:43

Tgt Ion:228 Resp: 2698

Ion	Ratio	Lower	Upper
228	100		
226	34.6	25.0	37.6
229	24.4	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
A41Z7

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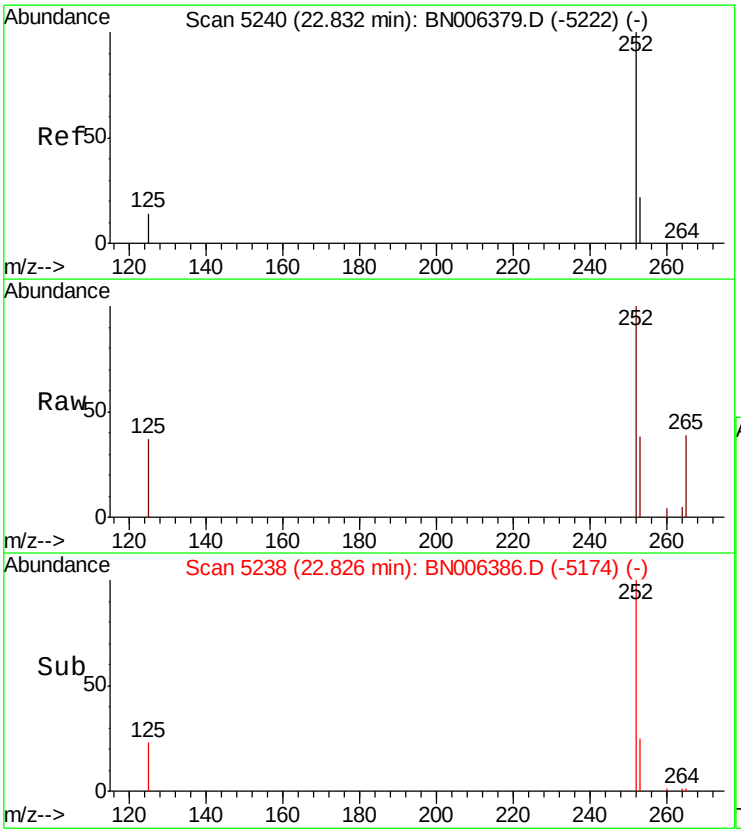
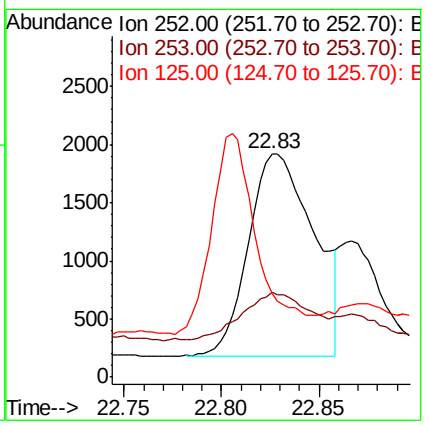
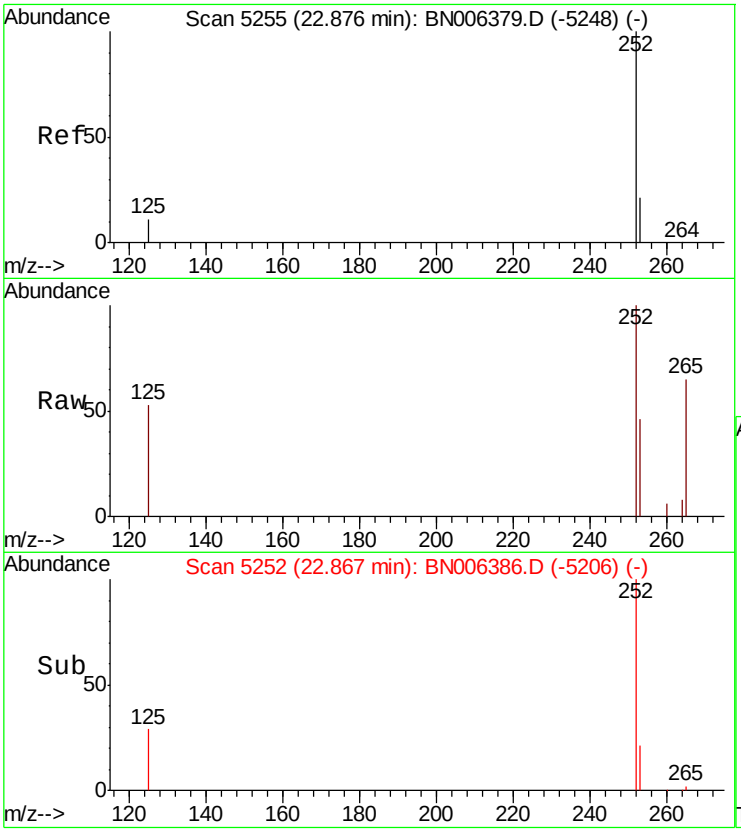


#21
Benzo(b)fluoranthene
Concen: 0.077 ng/ul m
RT: 22.83 min Scan# 5238
Delta R.T. -0.01 min
Lab File: BN006386.D
Acq: 18 Jun 2019 20:43

Tgt Ion:252 Resp: 4069

Ion	Ratio	Lower	Upper
252	100		
253	37.9	0.0	51.4
125	37.4	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 0.029 ng/ul m
RT: 22.87 min Scan# 5252
Delta R.T. -0.01 min
Lab File: BN006386.D
Acq: 18 Jun 2019 20:43

Tgt Ion:252 Resp: 1473

Ion	Ratio	Lower	Upper
252	100		
253	46.1	20.3	30.5#
125	52.9	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
A41Z7

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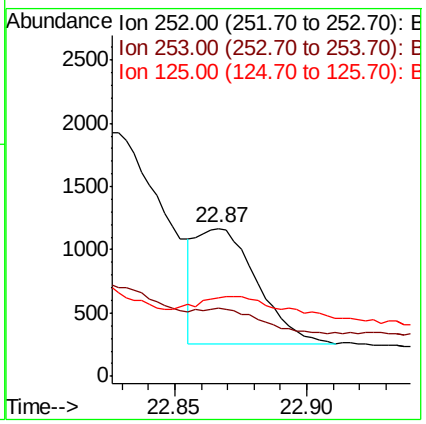
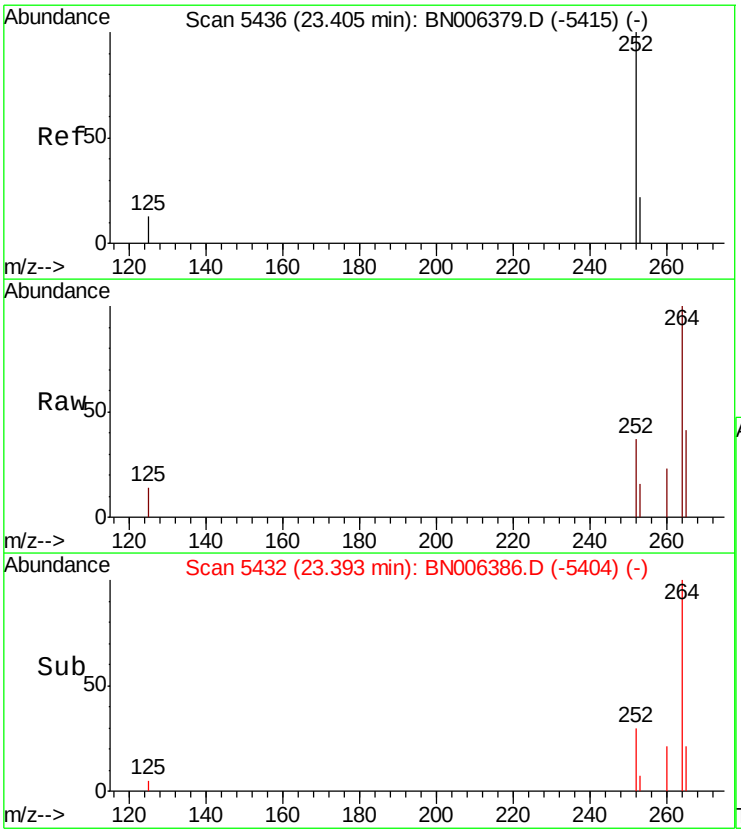
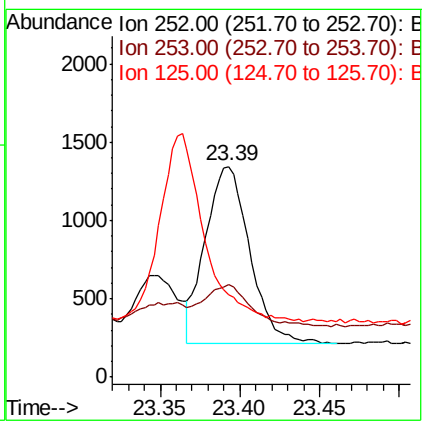


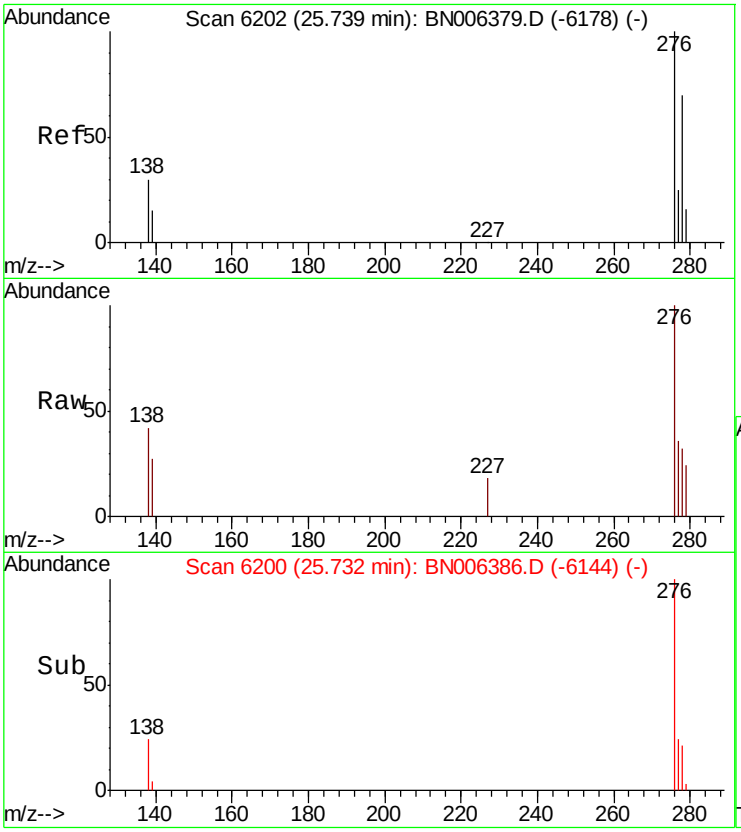


#23
Benzo(a)pyrene
Concen: 0.045 ng/ul
RT: 23.39 min Scan# 5432
Delta R.T. -0.02 min
Lab File: BN006386.D
Acq: 18 Jun 2019 20:43

Tgt Ion:252 Resp: 2198

Ion	Ratio	Lower	Upper
252	100		
253	43.7	21.1	31.7#
125	38.9	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng/ul
RT: 25.73 min Scan# 6200
Delta R.T. -0.01 min
Lab File: BN006386.D
Acq: 18 Jun 2019 20:43

Tgt Ion:276 Resp: 1804

Ion	Ratio	Lower	Upper
276	100		
138	23.8	25.6	38.4#
227	0.2	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A41Z7

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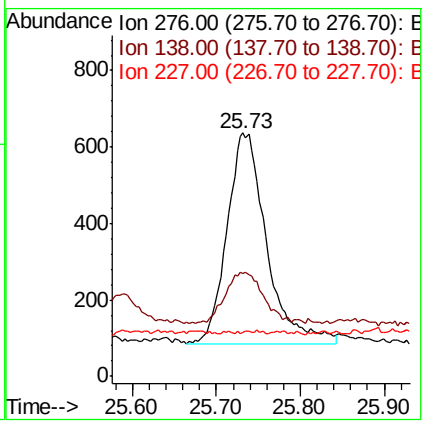

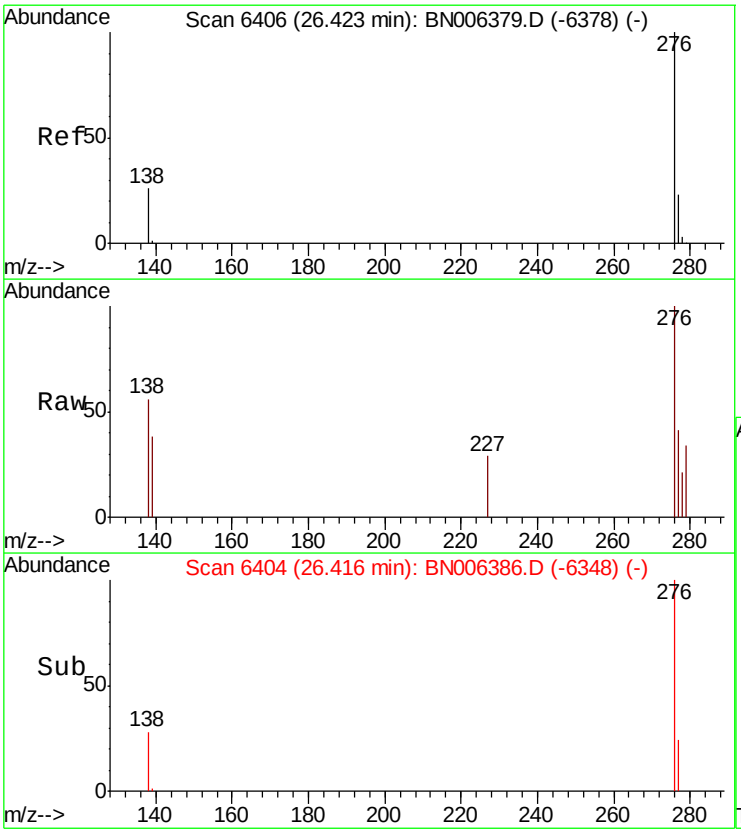

#26
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 26.42 min Scan# 6404
Delta R.T. -0.01 min
Lab File: BN006386.D
Acq: 18 Jun 2019 20:43

Tgt Ion:276 Resp: 1151

Ion	Ratio	Lower	Upper
276	100		
138	56.3	24.2	36.4#
277	41.4	21.5	32.3#