Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006572.D
Acq On : 25 Jun 2019 16:15
Operator : HP/JU
Sample : K3362-09
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4200

Manual Integrations APPROVED
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Quant Time: Jun 25 17:02:20 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 : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4683	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	17551	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	8702	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	15232m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	8713m	0.40	ng/ul	0.01
20) Perylene-d12	23.50	264	8216m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	11146	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	17017m	0.42	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.08	178	3126m	0.064	ng/ul	
15) Fluoranthene	19.11	202	7014m	0.130	ng/ul	
17) Pyrene	19.48	202	7495	0.163	ng/ul#	92
18) Benzo(a)anthracene	21.25	228	2539	0.066	ng/ul	95
19) Chrysene	21.30	228	2744m	0.076	ng/ul	
21) Benzo(b)fluoranthene	22.84	252	4123m	0.120	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	1607m	0.048	ng/ul	
23) Benzo(a)pyrene	23.40	252	2685m	0.084	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.75	276	1850m	0.054	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	1651m	0.057	ng/ul	

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

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Instrument :
BNA_N
ClientSampleId :
A4200

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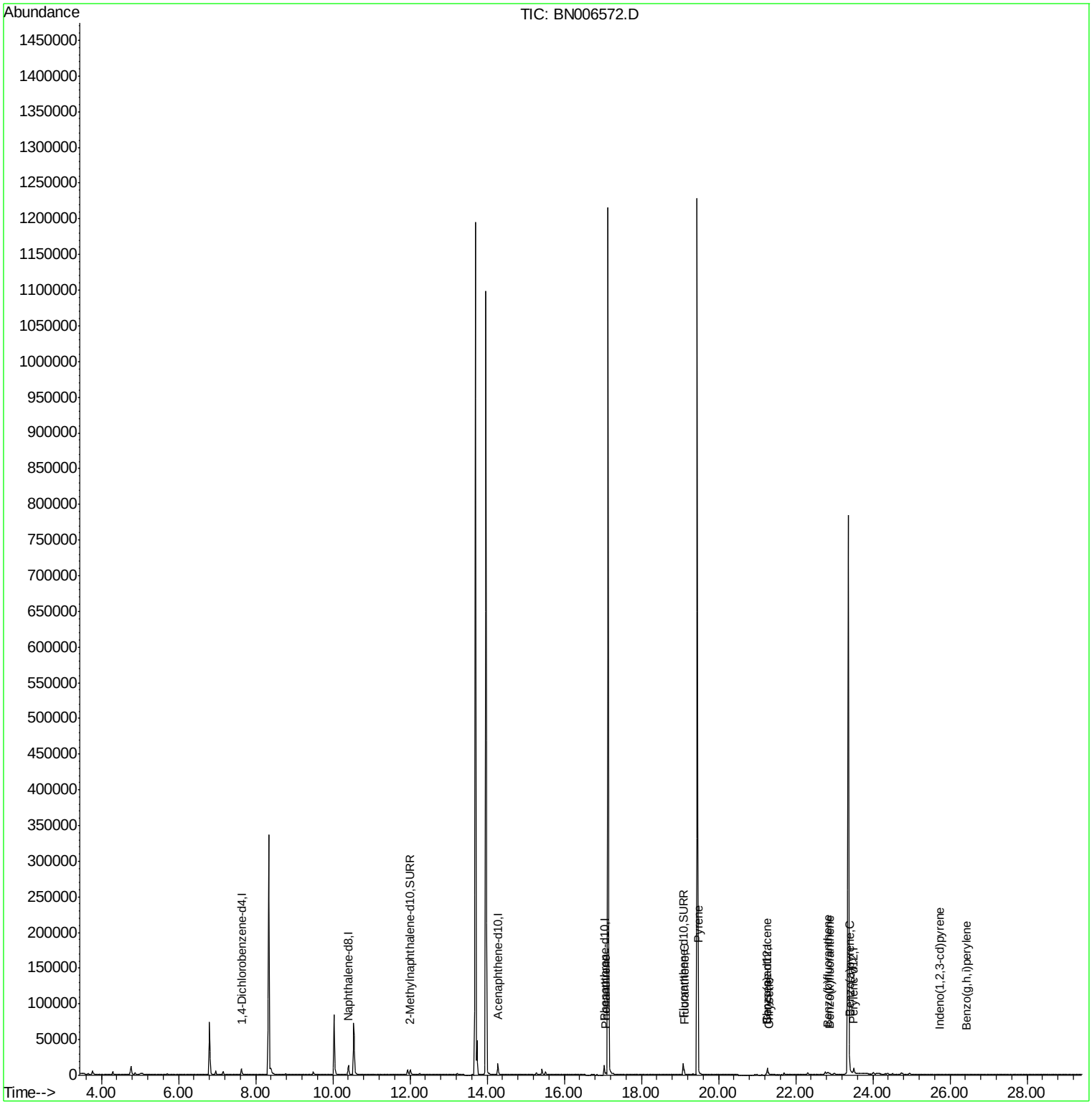
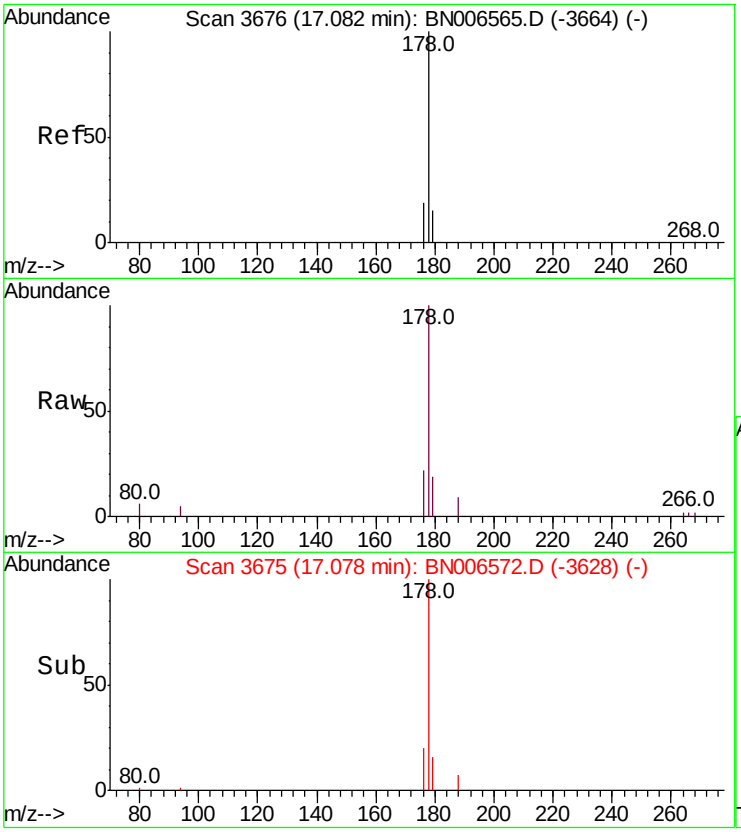
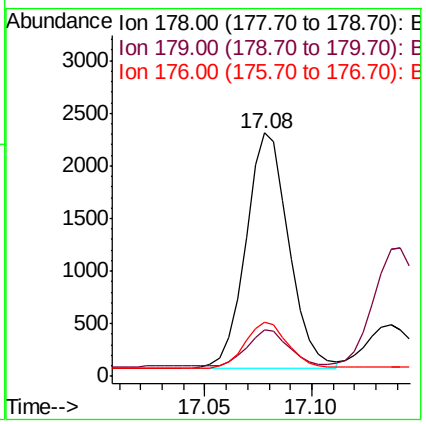




#12
Phenanthrene
Concen: 0.064 ng/ul m
RT: 17.08 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BN006572.D
Acq: 25 Jun 2019 16:15

Tgt Ion:178 Resp: 3126

Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.3	18.5#
176	22.5	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A4200

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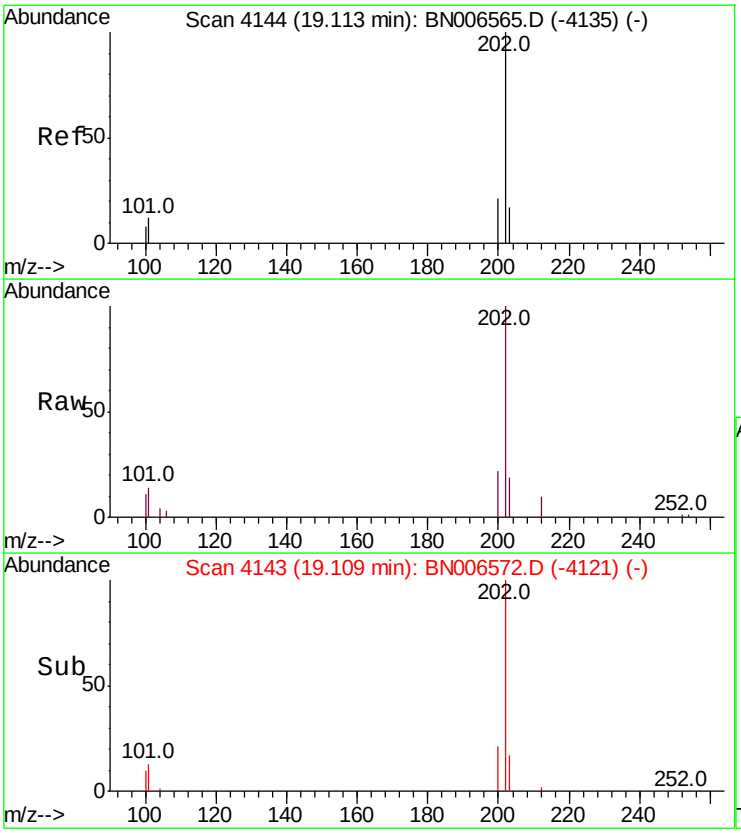
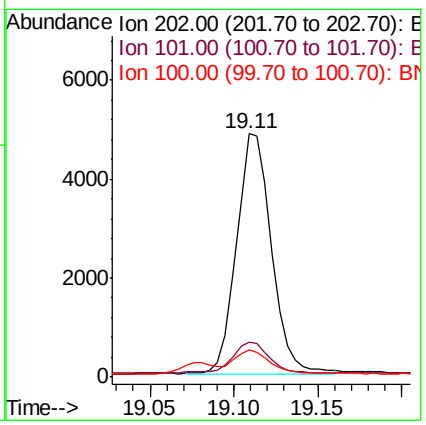
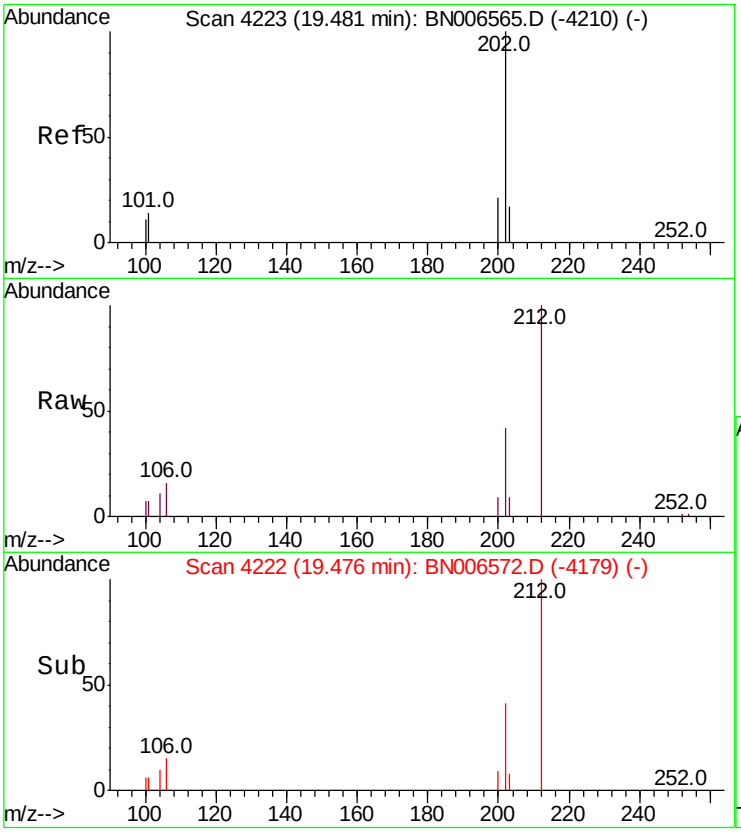


#15
Fluoranthene
Concen: 0.130 ng/ul m
RT: 19.11 min Scan# 4143
Delta R.T. 0.00 min
Lab File: BN006572.D
Acq: 25 Jun 2019 16:15

Tgt Ion:202 Resp: 7014

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	32.1
100	11.2	0.0	28.7





#17
Pyrene
Concen: 0.163 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. 0.00 min
Lab File: BN006572.D
Acq: 25 Jun 2019 16:15

Tgt Ion:202 Resp: 7495

Ion	Ratio	Lower	Upper
202	100		
101	17.4	12.2	18.2
100	16.8	9.8	14.6#

Instrument :
BNA_N
ClientSampleId :
A4200

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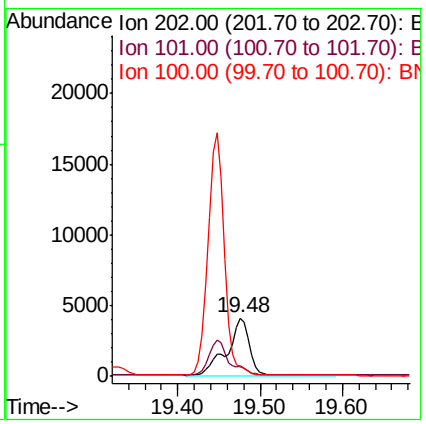
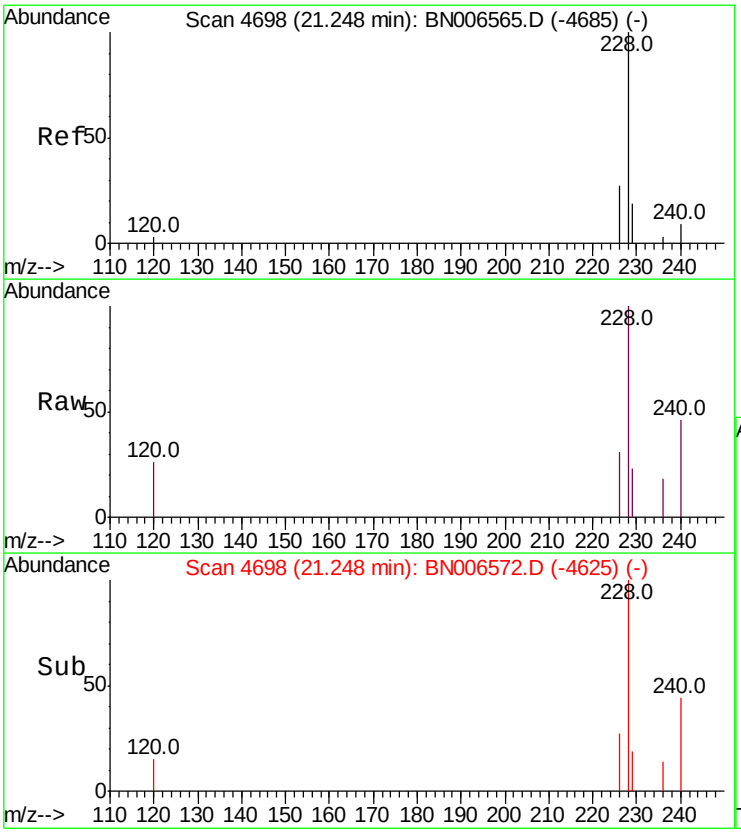
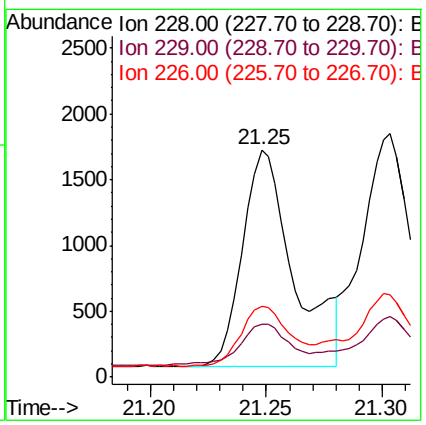


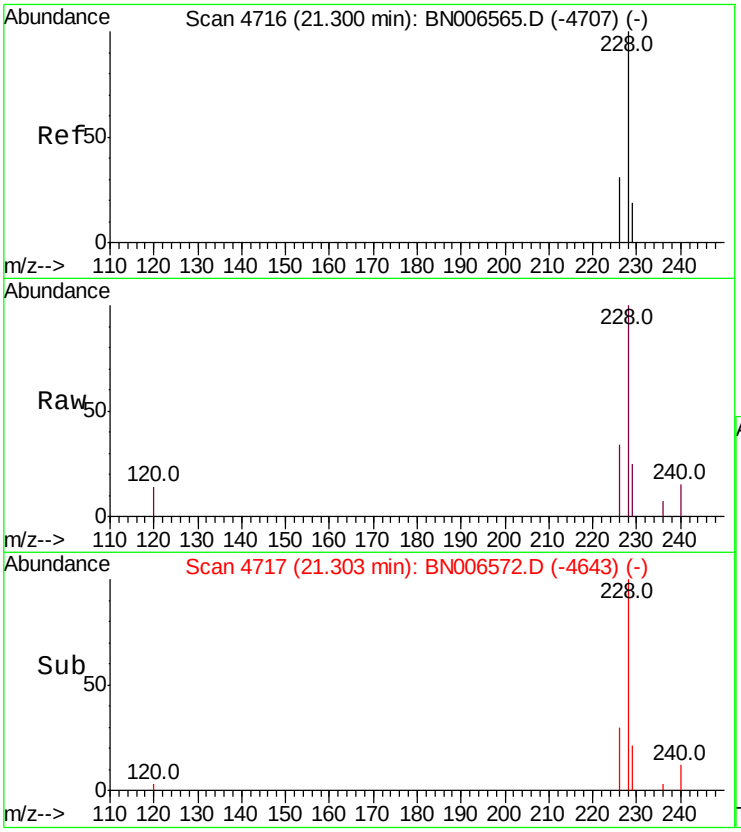


#18
Benzo(a)anthracene
Concen: 0.066 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. 0.01 min
Lab File: BN006572.D
Acq: 25 Jun 2019 16:15

Tgt Ion:228 Resp: 2539

Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.5	24.7
226	31.0	22.8	34.2





#19
Chrysene
Concen: 0.076 ng/ul m
RT: 21.30 min Scan# 4717
Delta R.T. 0.01 min
Lab File: BN006572.D
Acq: 25 Jun 2019 16:15

Tgt Ion:228 Resp: 2744

Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.0	37.6
229	24.7	16.3	24.5#

Instrument :
BNA_N
ClientSampleId :
A4200

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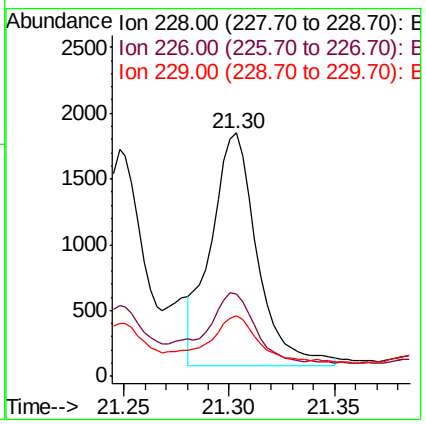
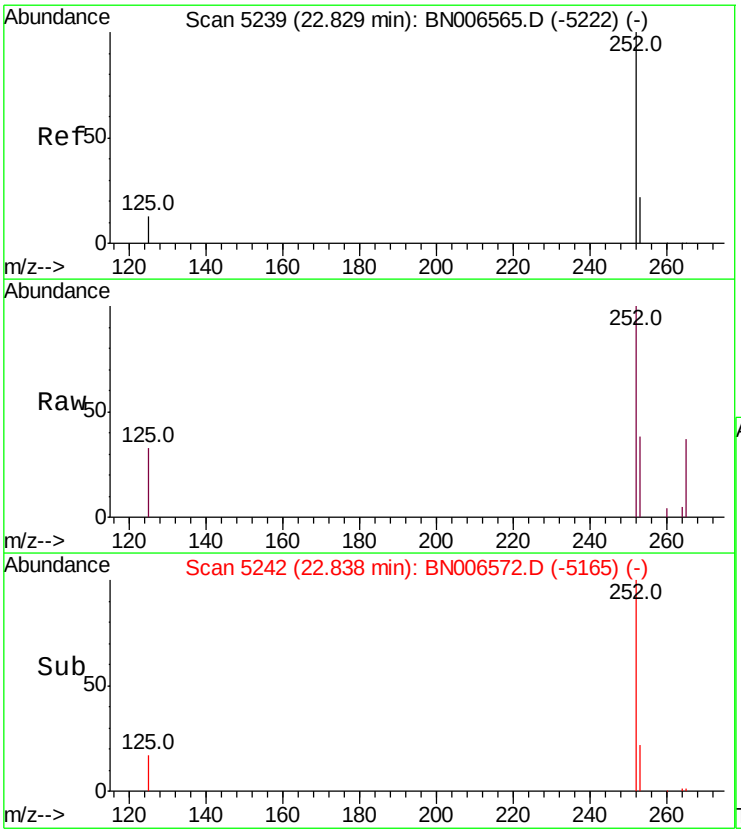
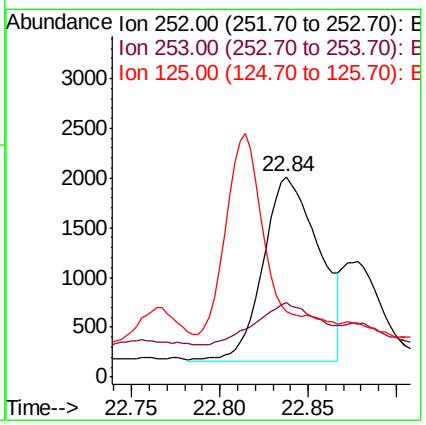


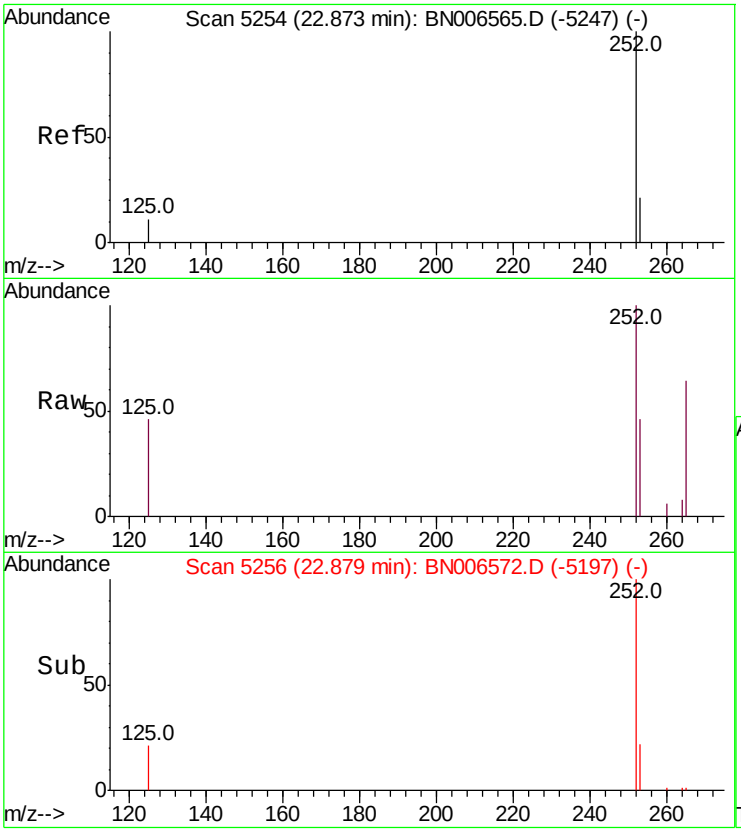


#21
Benzo(b)fluoranthene
Concen: 0.120 ng/ul m
RT: 22.84 min Scan# 5242
Delta R.T. 0.03 min
Lab File: BN006572.D
Acq: 25 Jun 2019 16:15

Tgt Ion:252 Resp: 4123

Ion	Ratio	Lower	Upper
252	100		
253	37.6	0.0	51.4
125	33.1	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 0.048 ng/ul m
RT: 22.88 min Scan# 5256
Delta R.T. 0.02 min
Lab File: BN006572.D
Acq: 25 Jun 2019 16:15

Tgt Ion:252 Resp: 1607

Ion	Ratio	Lower	Upper
252	100		
253	46.0	20.3	30.5#
125	46.3	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
A4200

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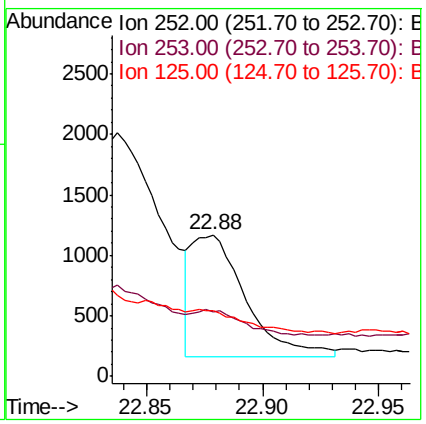
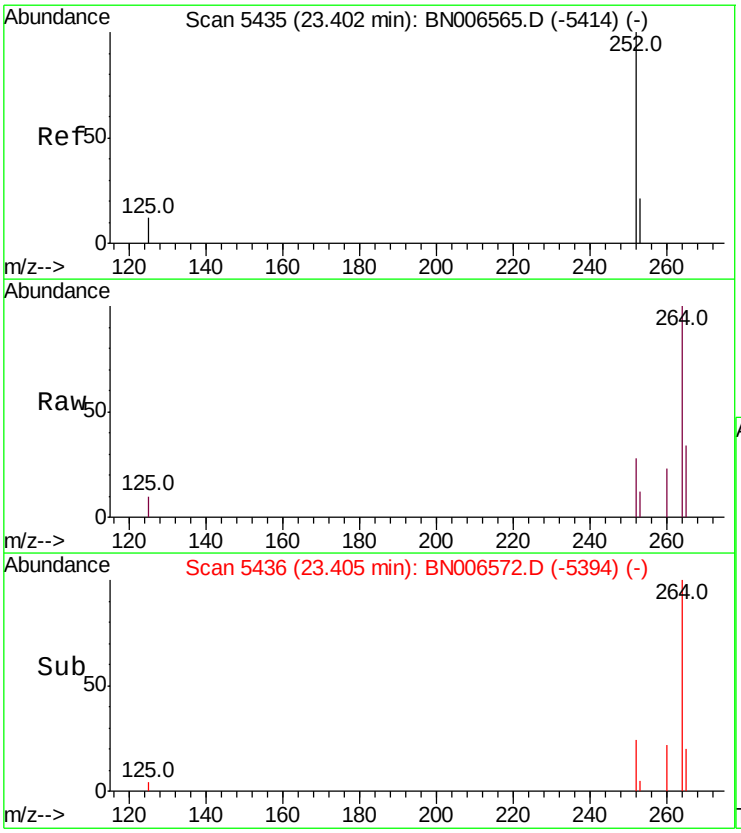
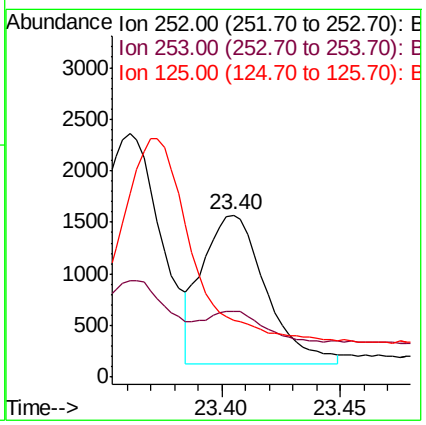


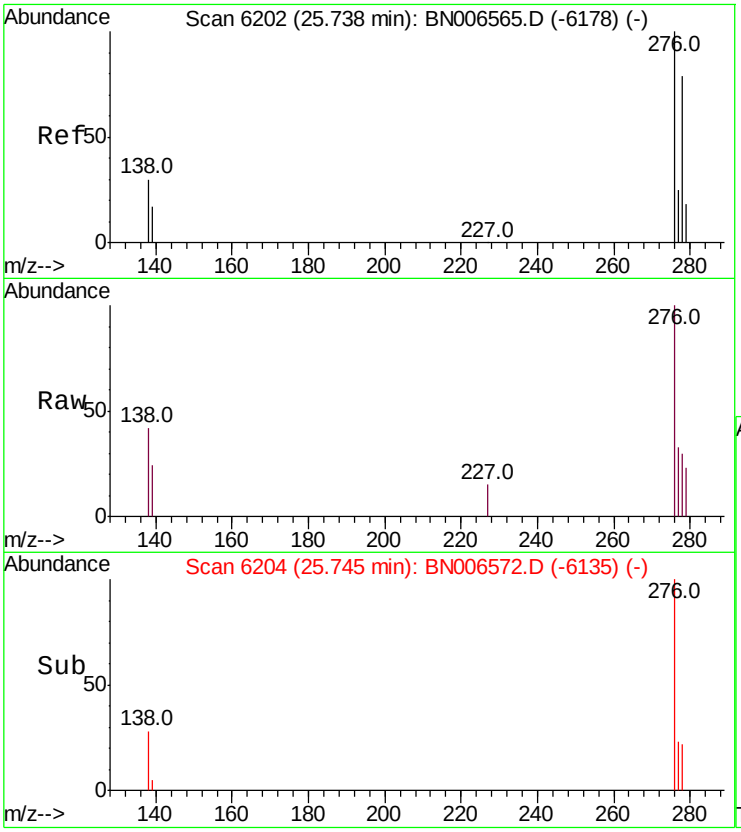


#23
Benzo(a)pyrene
Concen: 0.084 ng/ul m
RT: 23.40 min Scan# 5436
Delta R.T. 0.02 min
Lab File: BN006572.D
Acq: 25 Jun 2019 16:15

Tgt Ion:252 Resp: 2685

Ion	Ratio	Lower	Upper
252	100		
253	40.7	21.1	31.7#
125	35.1	20.3	30.5#

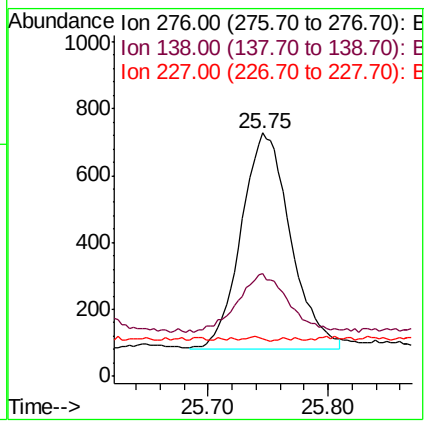




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.054 ng/ul m
RT: 25.75 min Scan# 6204
Delta R.T. 0.03 min
Lab File: BN006572.D
Acq: 25 Jun 2019 16:15

Tgt Ion:276 Resp: 1850

Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.6	38.4#
227	0.4	0.3	0.5



Instrument :
BNA_N
ClientSampleId :
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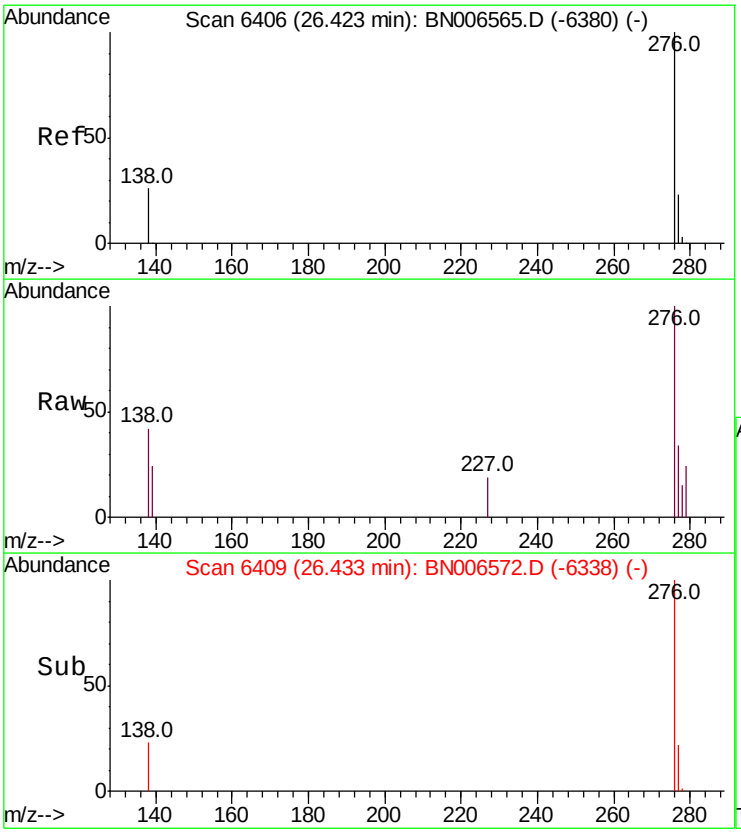

#26
Benzo(g,h,i)perylene
Concen: 0.057 ng/ul m
RT: 26.43 min Scan# 6409
Delta R.T. 0.04 min
Lab File: BN006572.D
Acq: 25 Jun 2019 16:15

Tgt Ion:276 Resp: 1651

Ion	Ratio	Lower	Upper
276	100		
138	42.5	24.2	36.4#
277	34.3	21.5	32.3#