Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004311.D
Acq On : 02 Jan 2019 15:10
Operator : JU/SJ
Sample : J6431-06
Misc : GCMS Confirmation
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41X2

Manual Integrations APPROVED
Sohil
1/2/2019 4:47:39 PM

Quant Time: Jan 02 16:28:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	33044	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	150040	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	99717	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	230285	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	231836	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	210488	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
69) Phenanthrene	17.25	178	83809	6.299	ng/ul	100
76) Fluoranthene	19.26	202	122313	7.500	ng/ul	99
79) Pyrene	19.63	202	79975	6.175	ng/ul	99
82) Benzo(a)anthracene	21.38	228	42101	2.912	ng/ul	99
84) Chrysene	21.43	228	46942	3.467	ng/ul	99
87) Benzo(b)fluoranthene	23.02	252	45279	3.591	ng/ul#	97
88) Benzo(k)fluoranthene	23.06	252	14601m	1.237	ng/ul	

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

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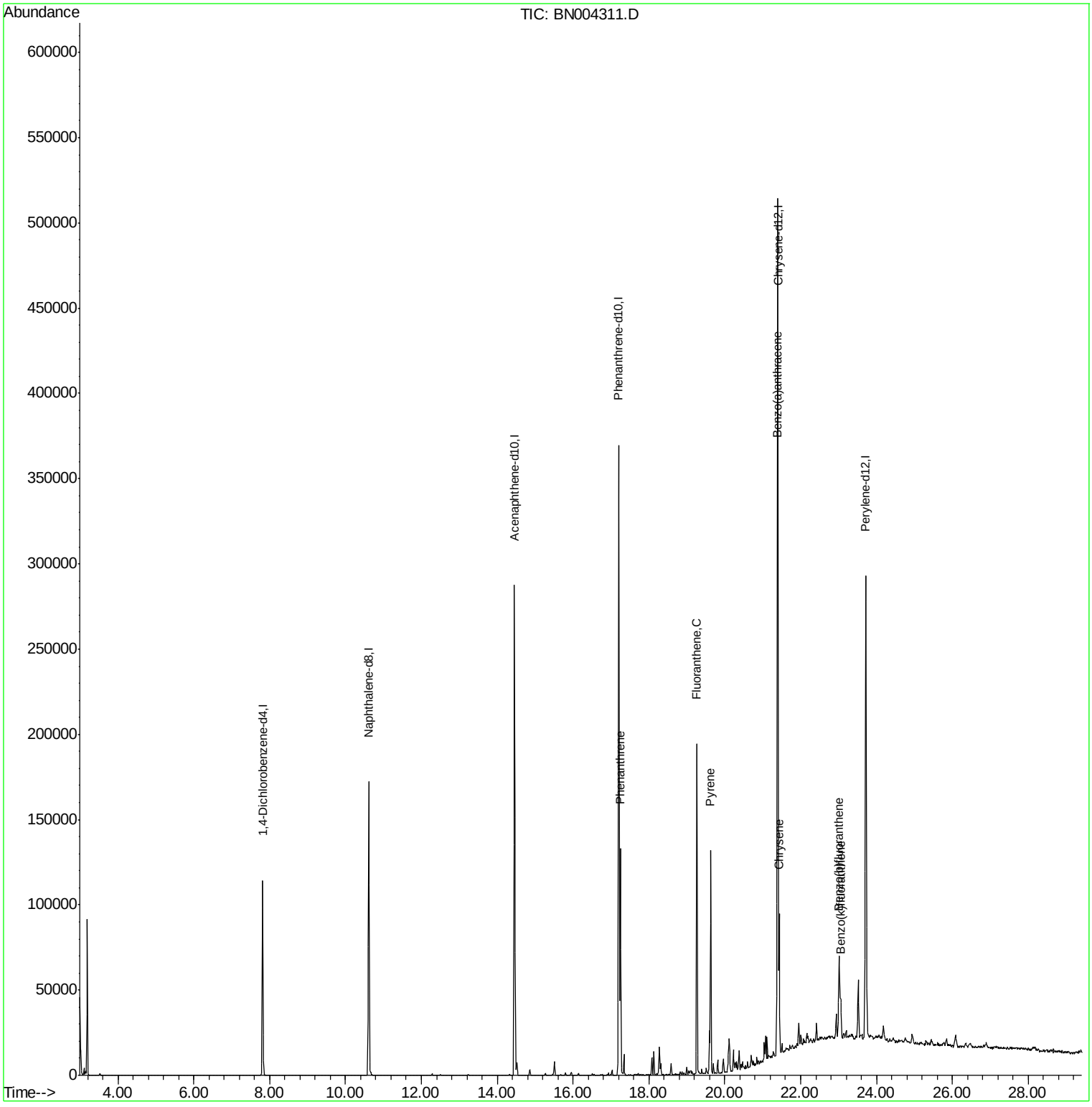
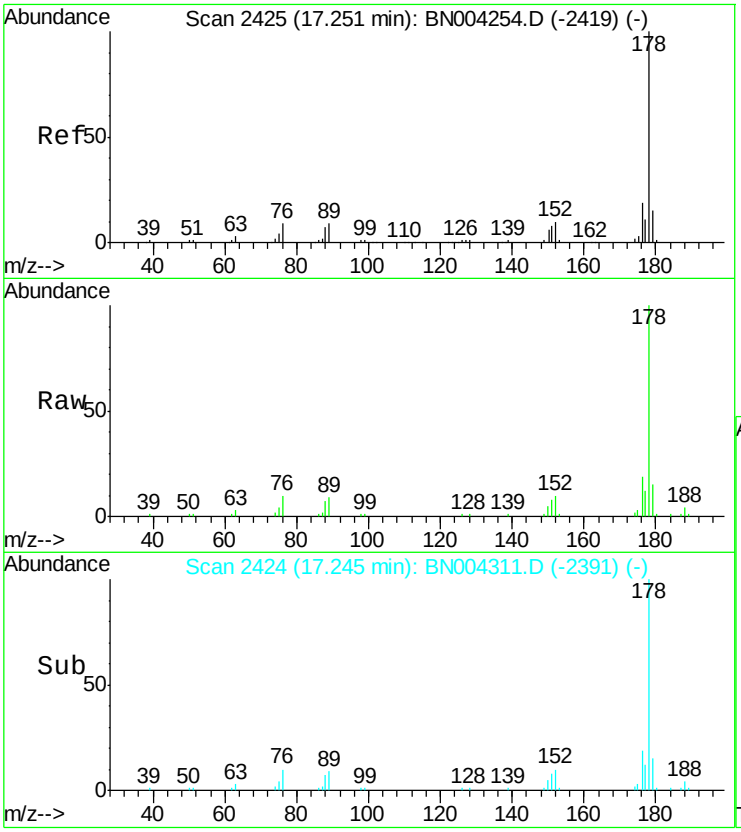
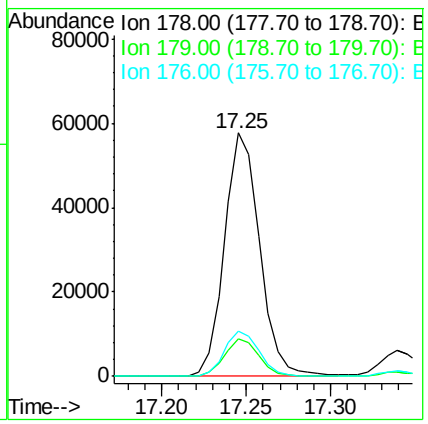




#69
Phenanthrene
Concen: 6.299 ng/ul
RT: 17.25 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BN004311.D
Acq: 02 Jan 2019 15:10

Tgt Ion:178 Resp: 83809

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	18.7	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
A41X2

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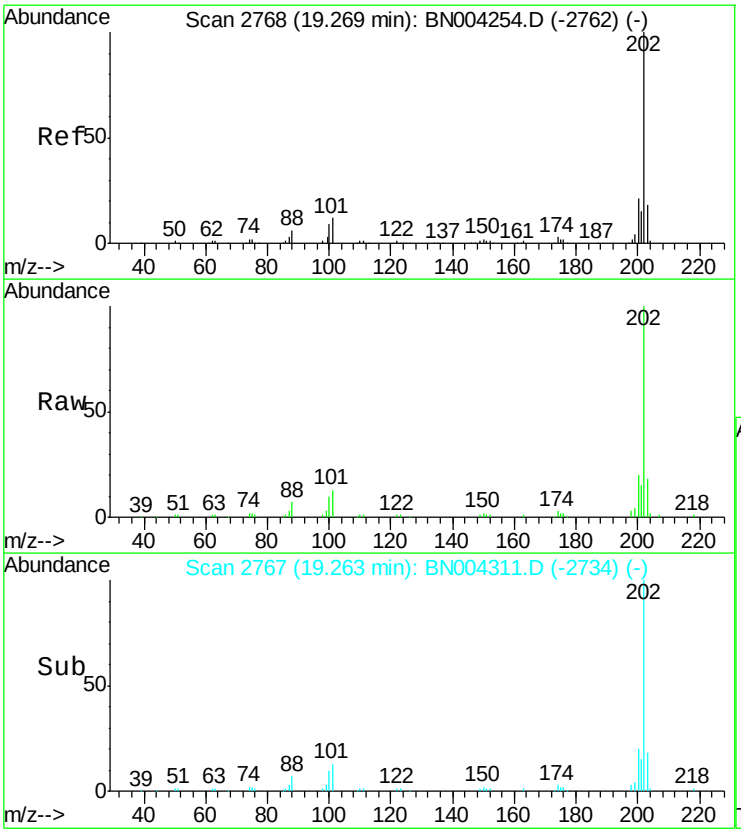
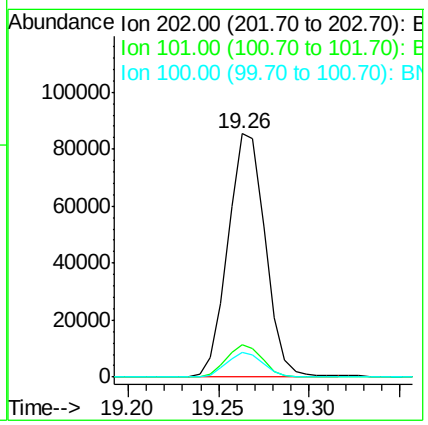
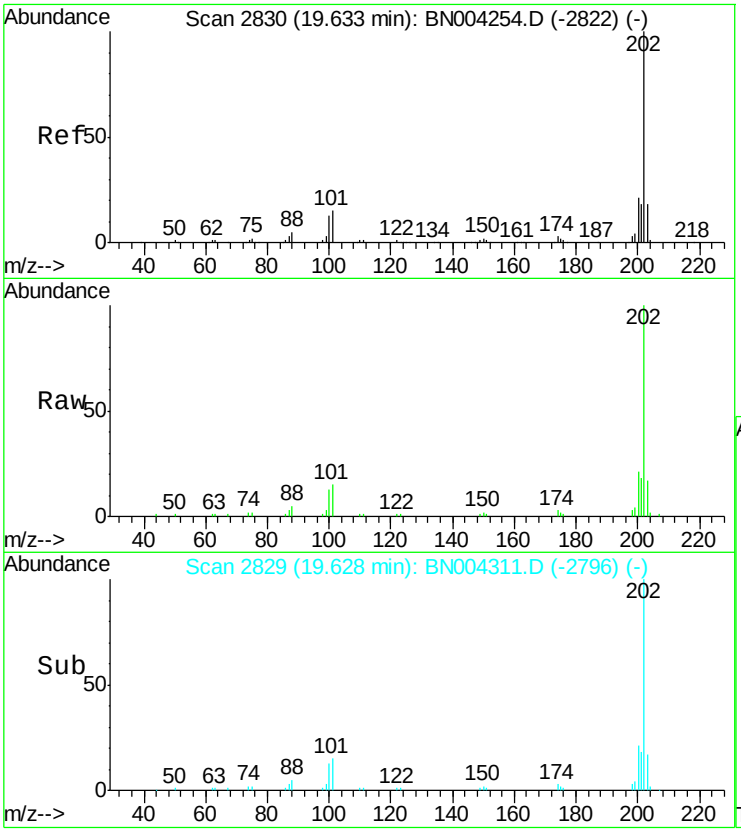


#76
Fluoranthene
Concen: 7.500 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BN004311.D
Acq: 02 Jan 2019 15:10

Tgt Ion:202 Resp: 122313

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.2	15.2
100	10.1	7.8	11.8

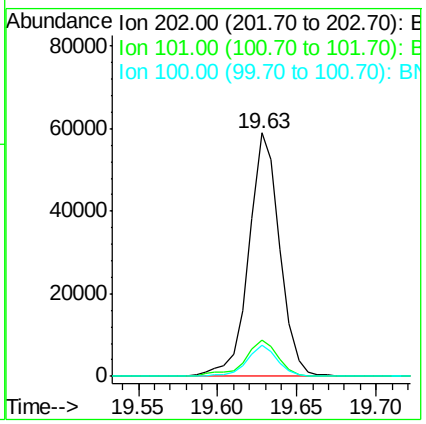




#79
Pyrene
Concen: 6.175 ng/ul
RT: 19.63 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BN004311.D
Acq: 02 Jan 2019 15:10

Tgt Ion:202 Resp: 79975

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.2
100	12.7	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
A41X2

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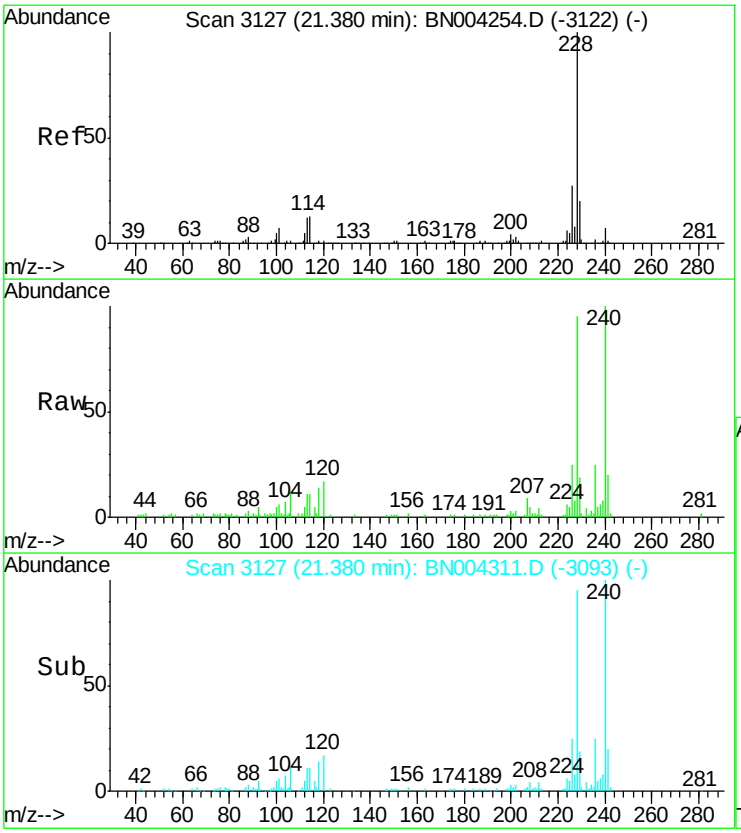
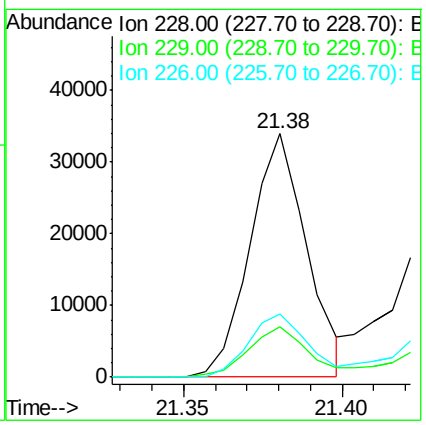
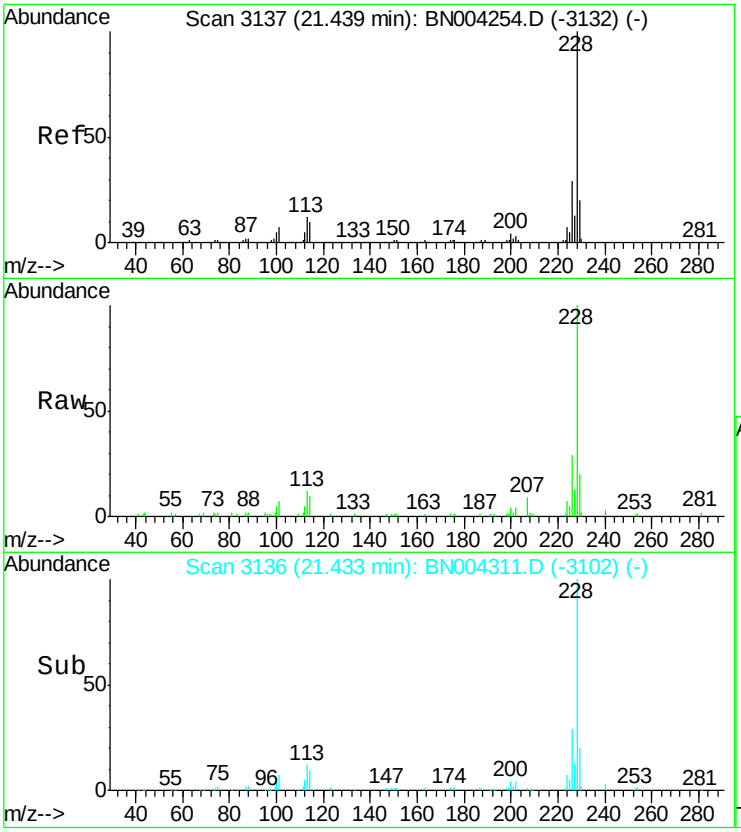


#82
Benzo(a)anthracene
Concen: 2.912 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BN004311.D
Acq: 02 Jan 2019 15:10

Tgt Ion:228 Resp: 42101

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	26.1	21.4	32.2

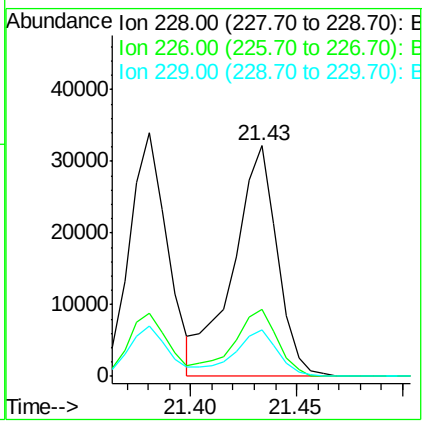




#84
Chrysene
Concen: 3.467 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BN004311.D
Acq: 02 Jan 2019 15:10

Tgt Ion:228 Resp: 46942

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	20.4	15.8	23.6



Instrument :
BNA_N
ClientSampleId :
A41X2

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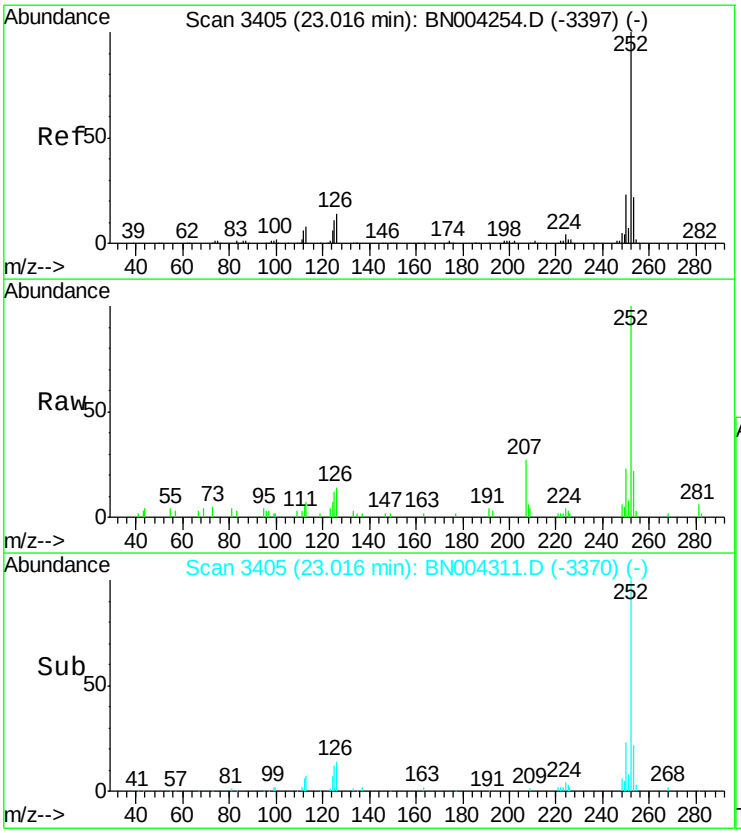
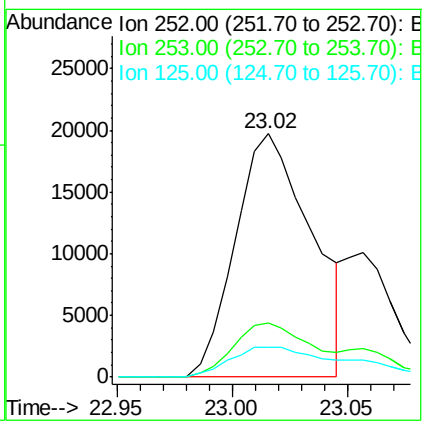
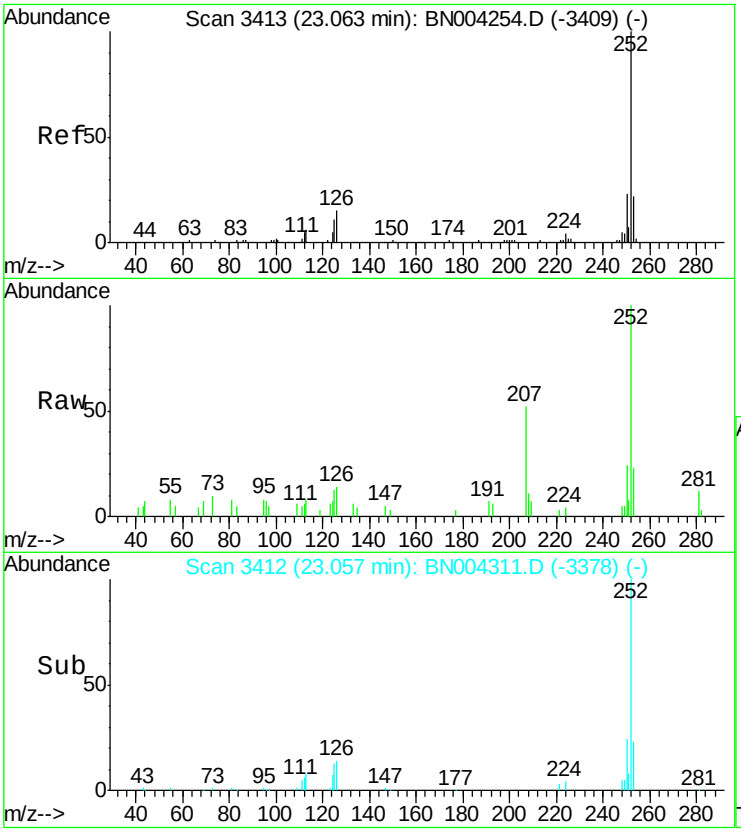


#87
Benzo(b)fluoranthene
Concen: 3.591 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BN004311.D
Acq: 02 Jan 2019 15:10

Tgt Ion:252 Resp: 45279

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	12.5	8.2	12.4#

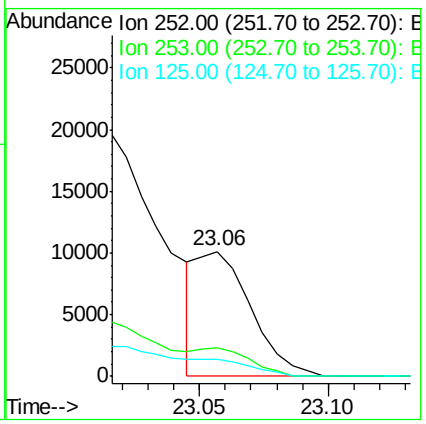




#88
Benzo(k)fluoranthene
Concen: 1.237 ng/ul m
RT: 23.06 min Scan# 3412
Delta R.T. 0.00 min
Lab File: BN004311.D
Acq: 02 Jan 2019 15:10

Tgt Ion:252 Resp: 14601

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	13.4	7.9	11.9#



Instrument :
BNA_N
ClientSampleId :
A41X2

Manual Integrations APPROVED
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1/2/2019 4:47:39 PM