Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005613.D
Acq On : 11 May 2019 06:03
Operator : JU/SJ
Sample : K2613-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHD3

Manual Integrations APPROVED
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Quant Time: May 11 22:26:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	199077	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	827467	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	501474	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1089911	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	779929	20.00	ng/ul	-0.01
85) Perylene-d12	23.41	264	764038	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	10875	2.64	ng/uL	0.00
5) Phenol-d5	6.77	99	265207	16.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	148003	15.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	222106	18.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	215470	17.63	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	116577	22.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	131419	25.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	241542	20.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	176631	14.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	749594	20.59	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	938248	20.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	94484	16.44	ng/ul	0.01
57) Fluorene-d10	15.22	176	652172	21.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	55598	11.34	ng/ul	0.00
70) Anthracene-d10	17.07	188	968547	21.20	ng/ul	0.00
78) Pyrene-d10	19.39	212	985664	24.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	718629	21.52	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.80	94	28145	1.750	ng/ul	97
44) Dimethylphthalate	13.68	163	236215	6.512	ng/ul	99
69) Phenanthrene	17.02	178	167969	3.164	ng/ul	97
76) Fluoranthene	19.05	202	666896	11.327	ng/ul#	94
79) Pyrene	19.42	202	554284	11.038	ng/ul#	94
82) Benzo(a)anthracene	21.19	228	274454	5.657	ng/ul	98
84) Chrysene	21.25	228	276772	6.146	ng/ul	95
87) Benzo(b)fluoranthene	22.76	252	267629	6.231	ng/ul#	91
88) Benzo(k)fluoranthene	22.79	252	87231m	2.127	ng/ul	
90) Benzo(a)pyrene	23.32	252	151827	3.761	ng/ul#	92
91) Indeno(1,2,3-cd)pyrene	25.60	276	87127	1.952	ng/ul#	92
93) Benzo(g,h,i)perylene	26.27	276	76727	2.079	ng/ul#	88

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

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Instrument :
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BFHD3

Manual Integrations APPROVED
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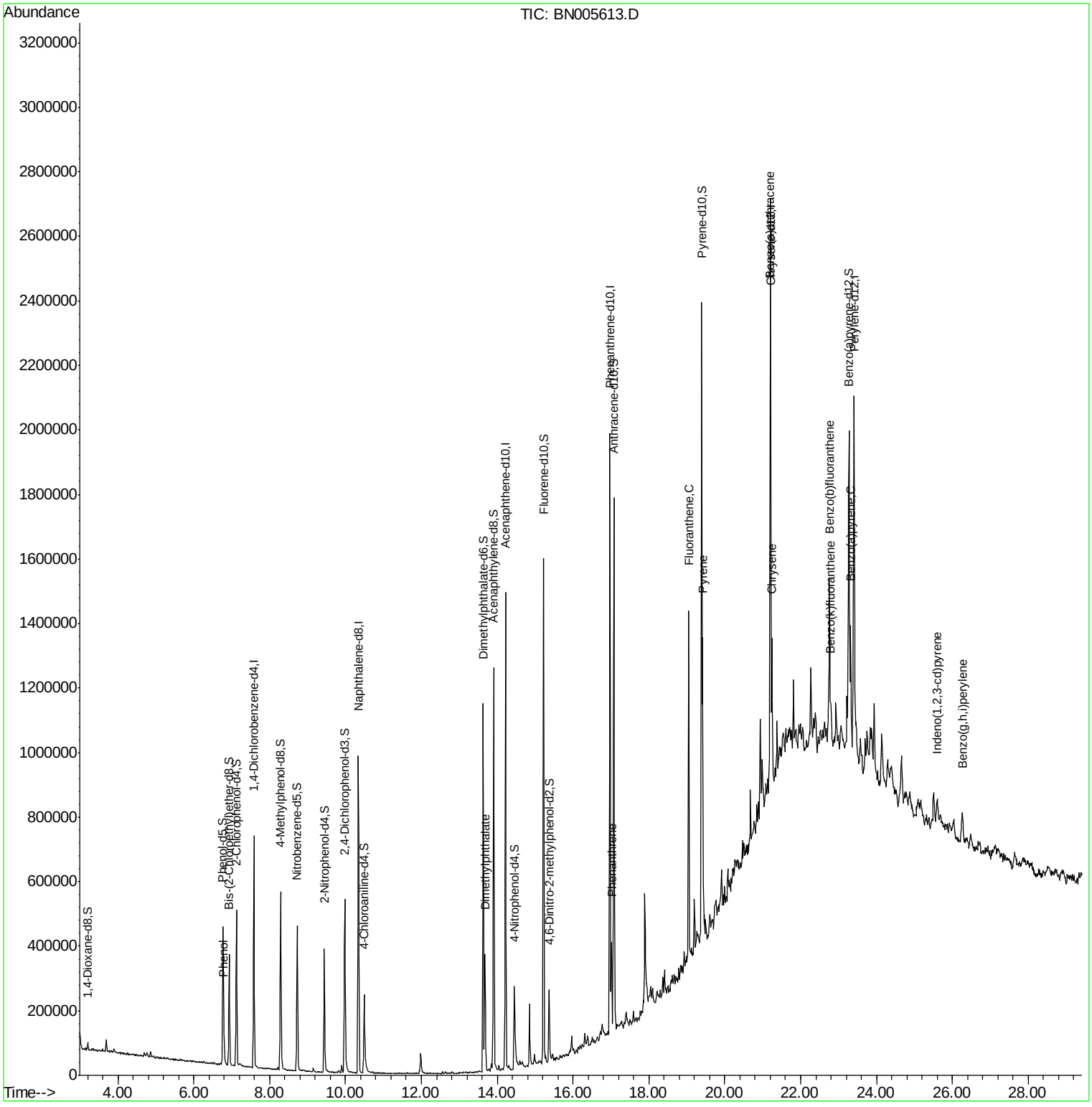
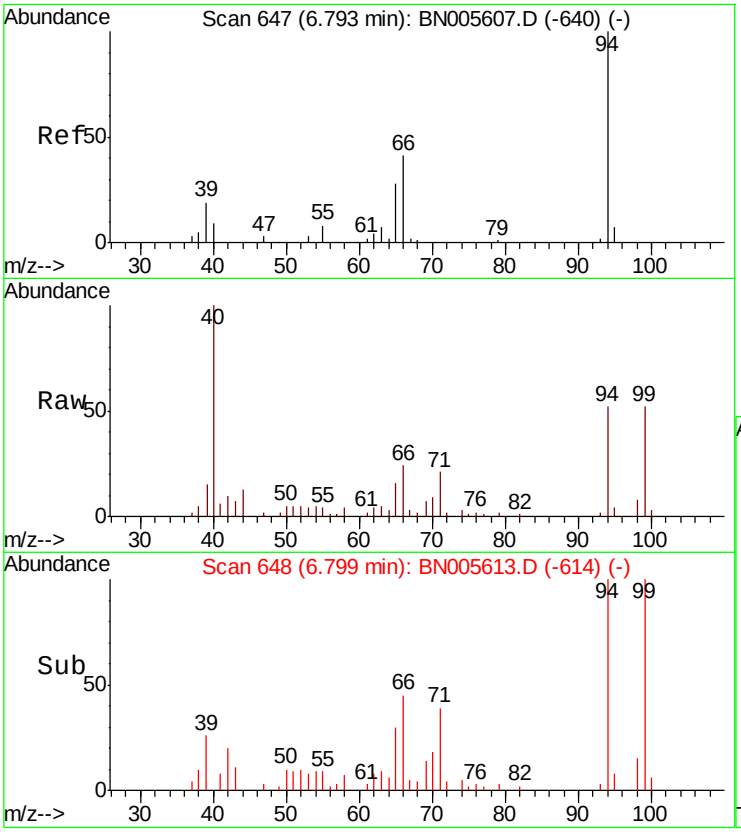
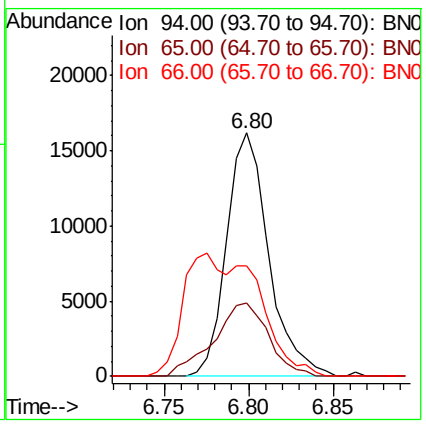




#6
Phenol
Concen: 1.750 ng/ul
RT: 6.80 min Scan# 648
Delta R.T. 0.00 min
Lab File: BN005613.D
Acq: 11 May 2019 06:03

Tgt Ion: 94 Resp: 28145

Ion	Ratio	Lower	Upper
94	100		
65	30.2	24.2	36.4
66	45.4	33.8	50.6



Instrument :
BNA_N
ClientSampleId :
BFHD3

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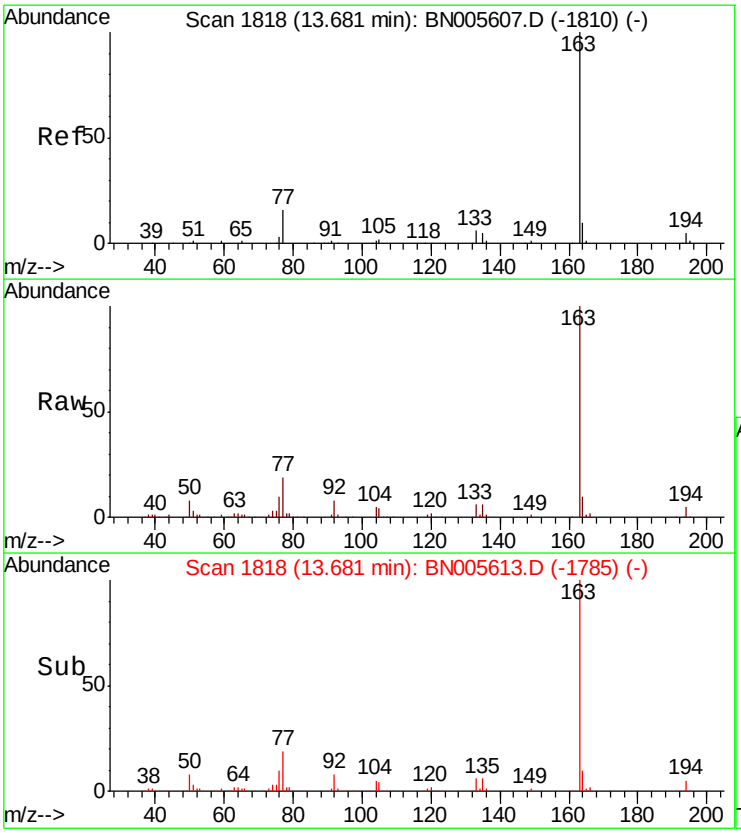
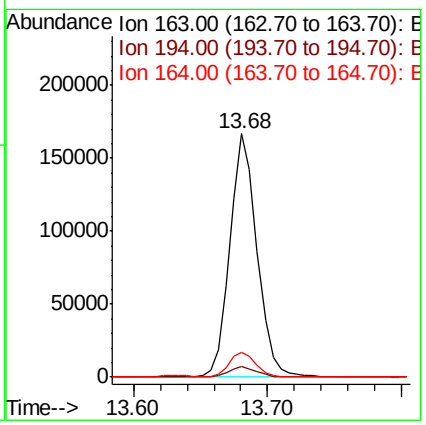
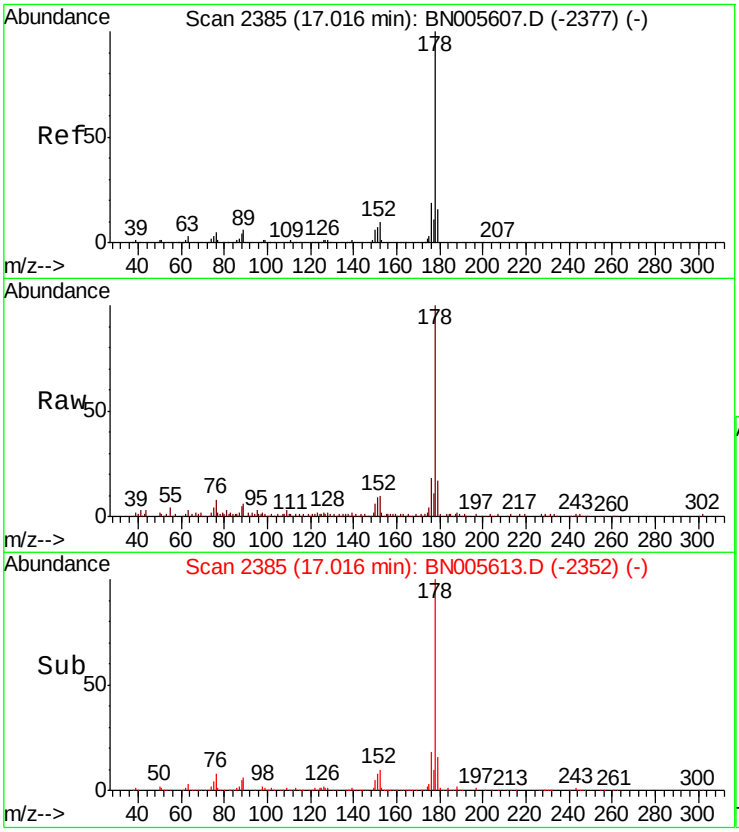


#44
Dimethylphthalate
Concen: 6.512 ng/ul
RT: 13.68 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BN005613.D
Acq: 11 May 2019 06:03

Tgt Ion:163 Resp: 236215

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.4	8.1	12.1

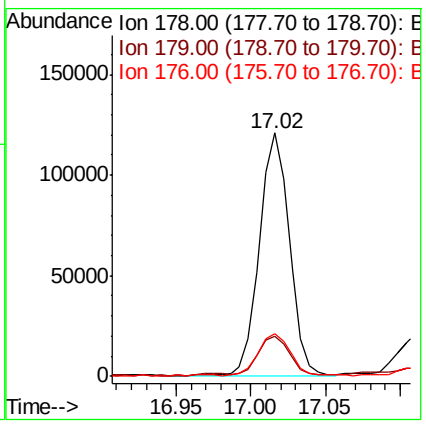




#69
Phenanthrene
Concen: 3.164 ng/ul
RT: 17.02 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BN005613.D
Acq: 11 May 2019 06:03

Tgt Ion:178 Resp: 167969

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.2	18.4
176	17.7	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
BFHD3

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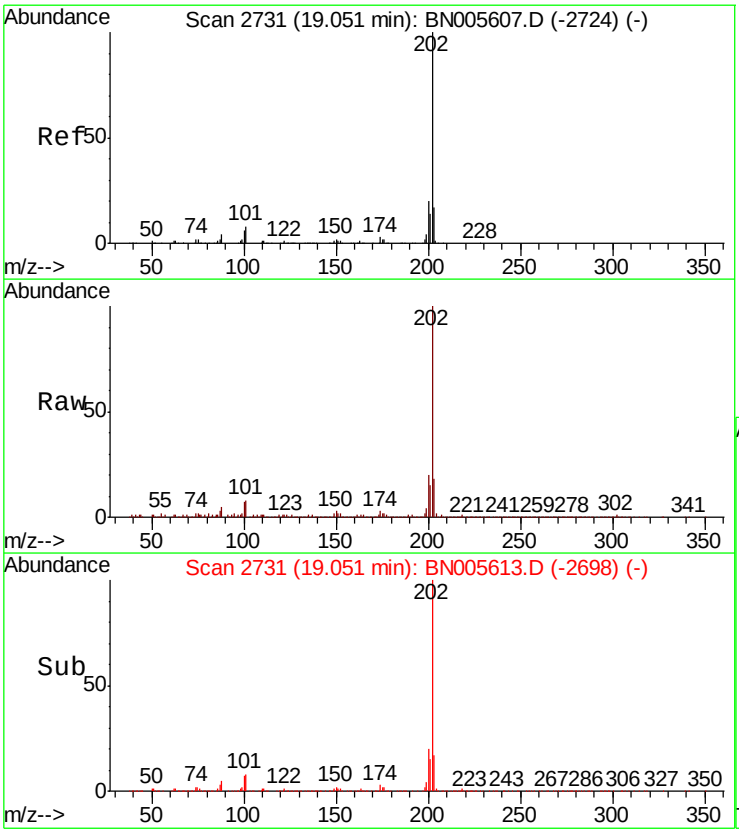
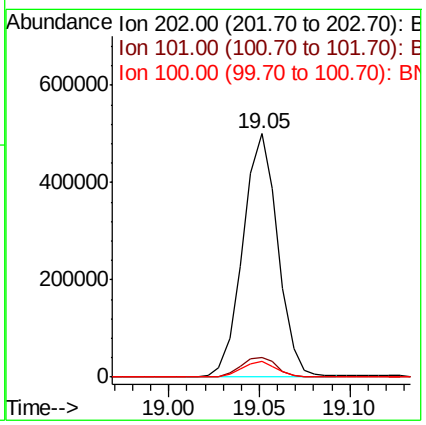
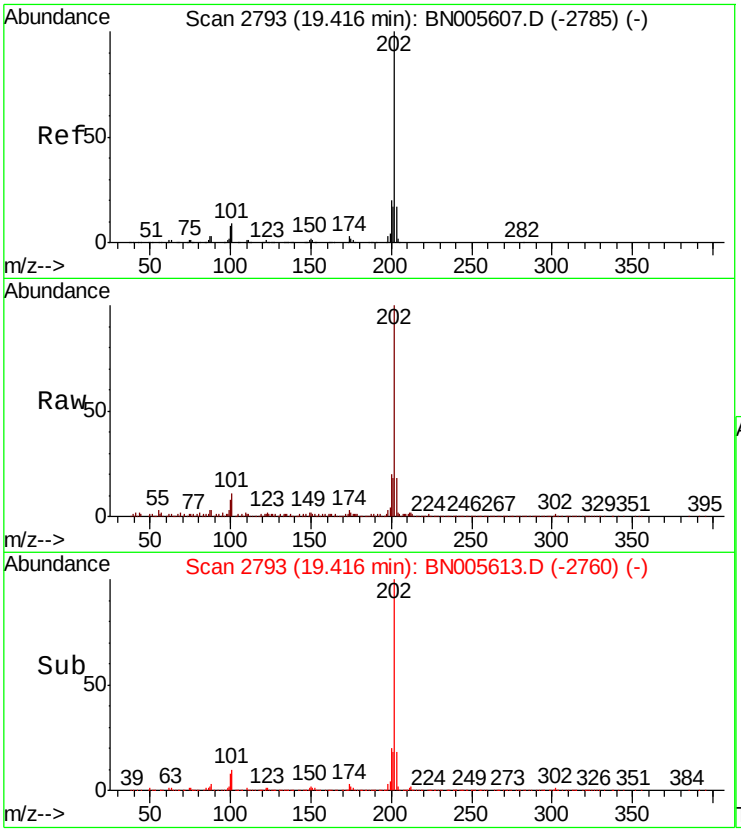


#76
Fluoranthene
Concen: 11.327 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BN005613.D
Acq: 11 May 2019 06:03

Tgt Ion:202 Resp: 666896

Ion	Ratio	Lower	Upper
202	100		
101	8.1	8.6	12.8#
100	6.6	6.3	9.5





#79
Pyrene
Concen: 11.038 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BN005613.D
Acq: 11 May 2019 06:03

Tgt Ion:202 Resp: 554284

Ion	Ratio	Lower	Upper
202	100		
101	10.5	10.3	15.5
100	7.6	7.9	11.9#

Instrument :
BNA_N
ClientSampleId :
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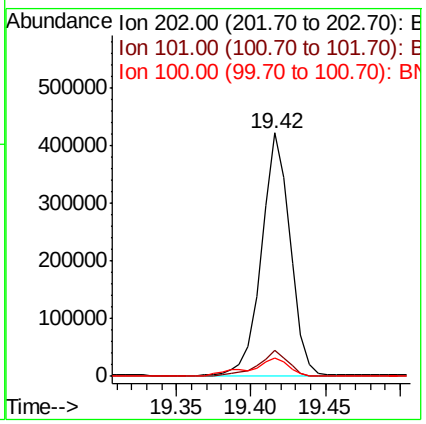
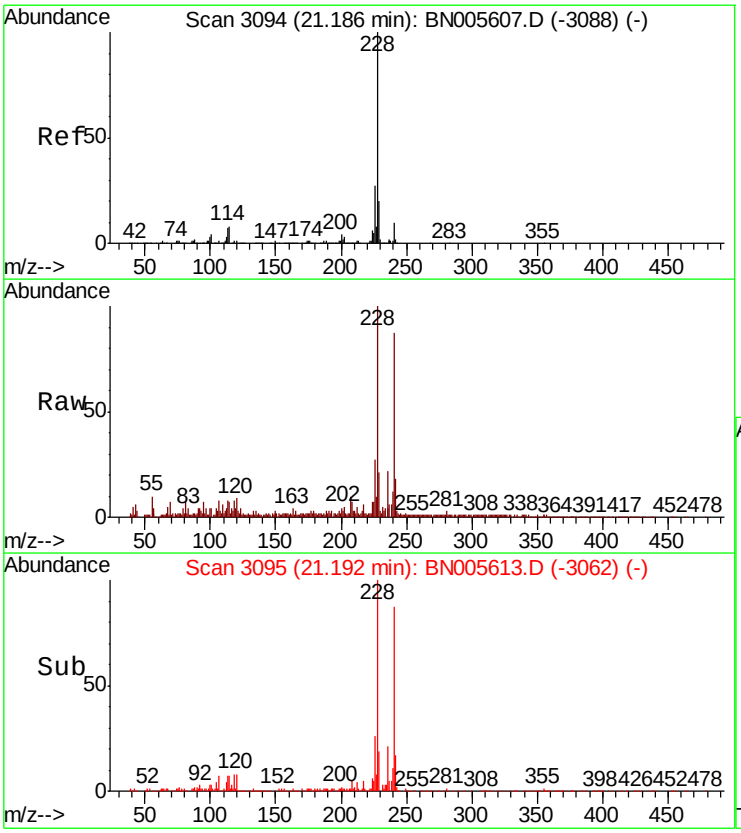
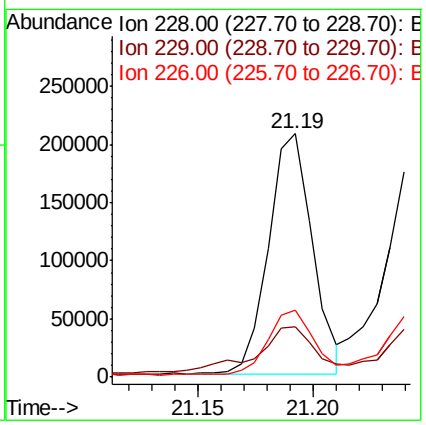


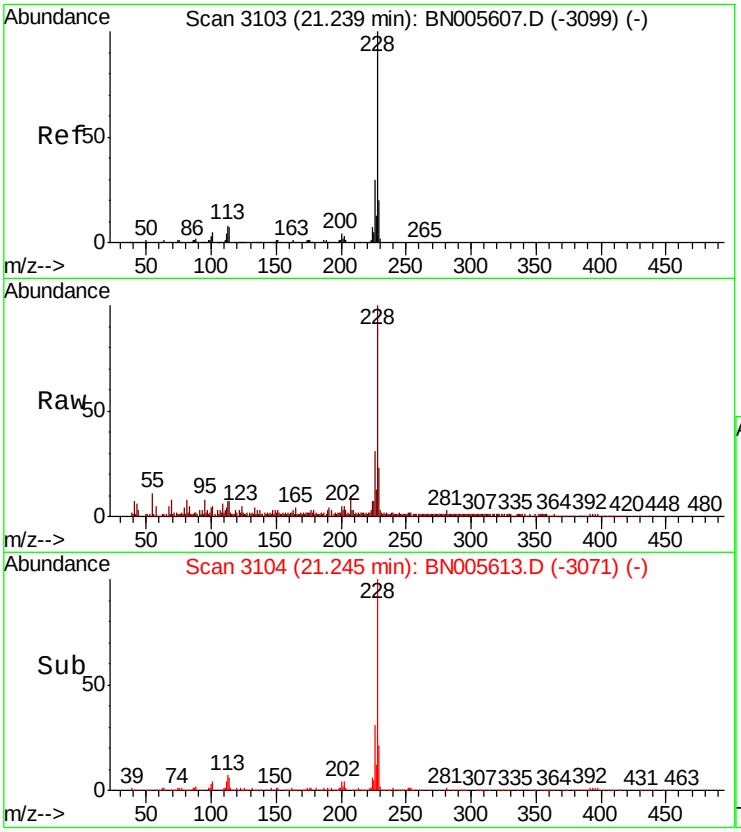


#82
Benzo(a)anthracene
Concen: 5.657 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN005613.D
Acq: 11 May 2019 06:03

Tgt Ion:228 Resp: 274454

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.6
226	27.3	21.4	32.2

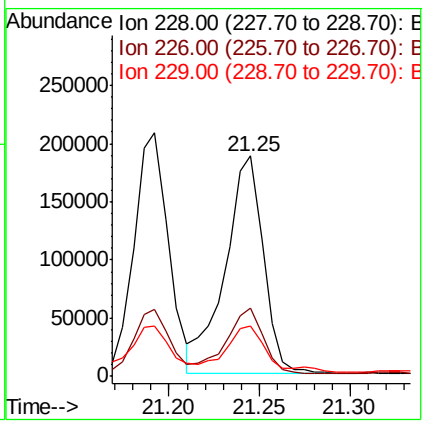




#84
Chrysene
Concen: 6.146 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN005613.D
Acq: 11 May 2019 06:03

Tgt Ion:228 Resp: 276772

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	22.9	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
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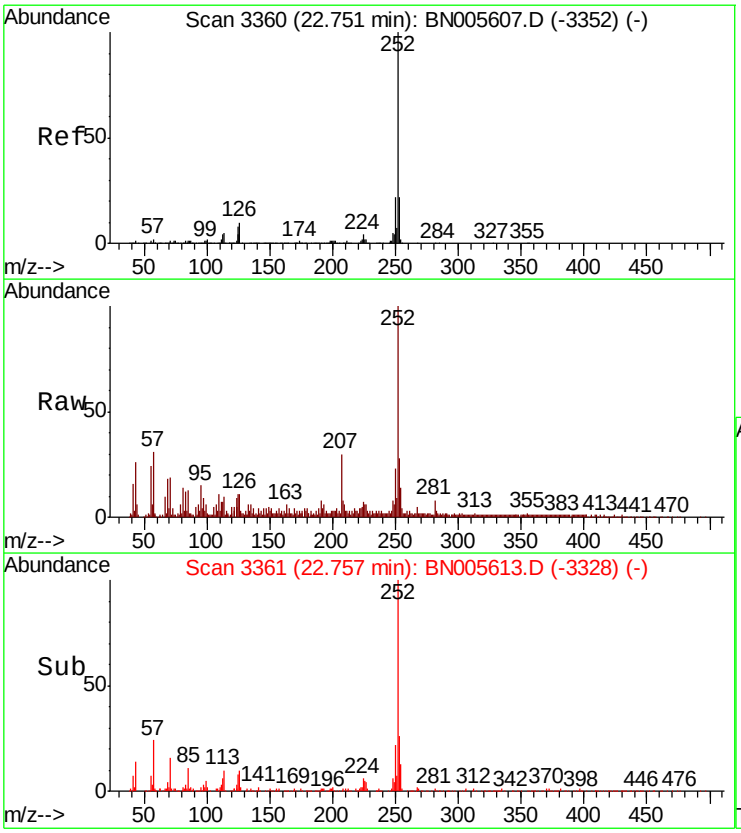
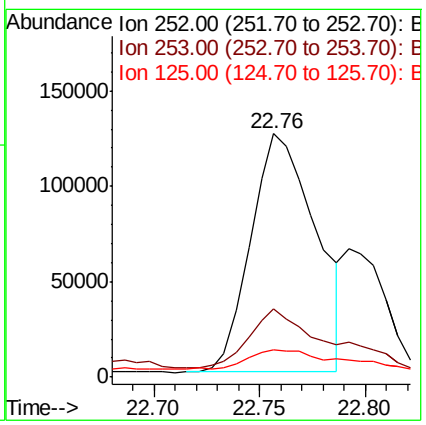
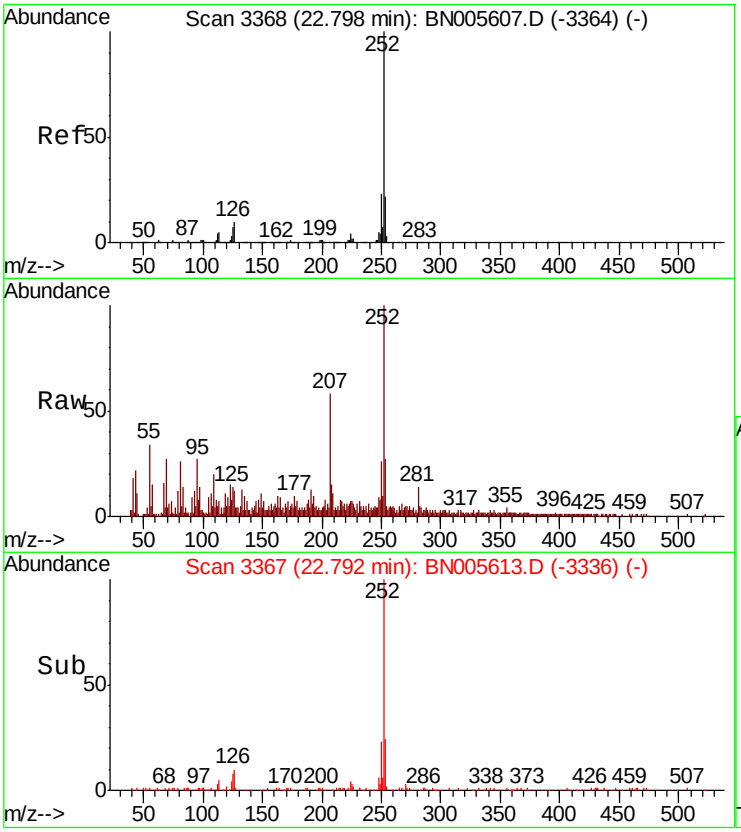


#87
Benzo(b)fluoranthene
Concen: 6.231 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BN005613.D
Acq: 11 May 2019 06:03

Tgt Ion:252 Resp: 267629

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.7	26.5#
125	11.1	8.4	12.6





#88
Benzo(k)fluoranthene
Concen: 2.127 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.02 min
Lab File: BN005613.D
Acq: 11 May 2019 06:03

Tgt Ion:252 Resp: 87231

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.4	26.0#
125	13.5	7.5	11.3#

Instrument :
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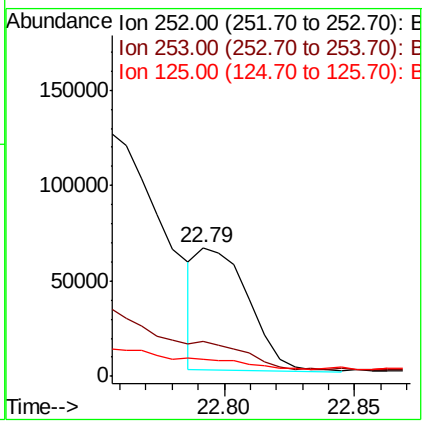
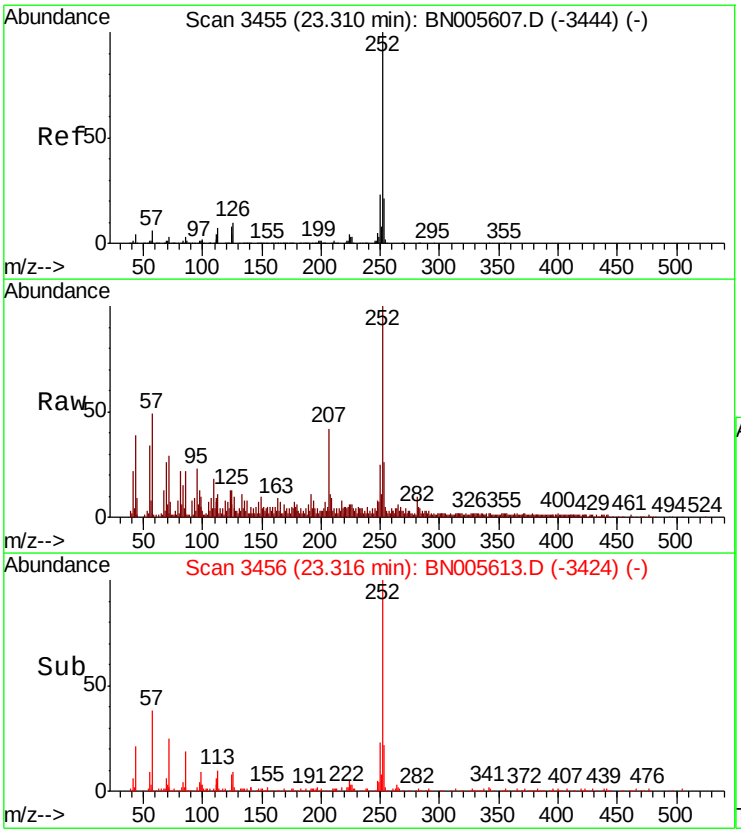
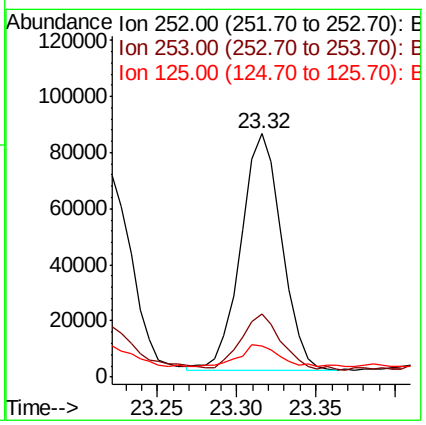


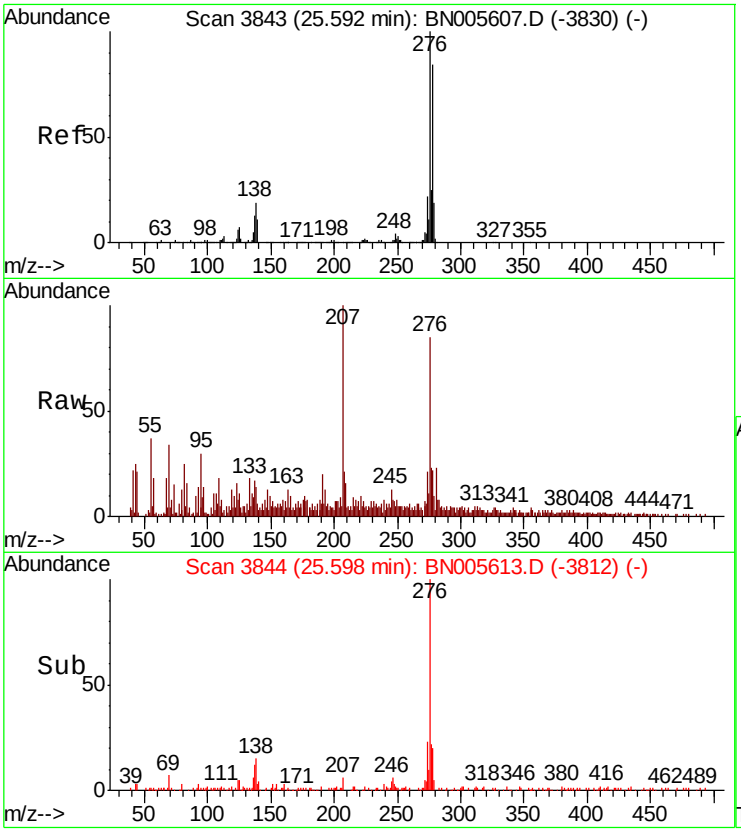


#90
Benzo(a)pyrene
Concen: 3.761 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN005613.D
Acq: 11 May 2019 06:03

Tgt Ion:252 Resp: 151827

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.3	25.9#
125	12.6	8.6	13.0





#91
Indeno(1,2,3-cd)pyrene
Concen: 1.952 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN005613.D
Acq: 11 May 2019 06:03

Tgt Ion:276 Resp: 87127

Ion	Ratio	Lower	Upper
276	100		
138	17.0	17.9	26.9#
277	26.8	19.7	29.5

Instrument :
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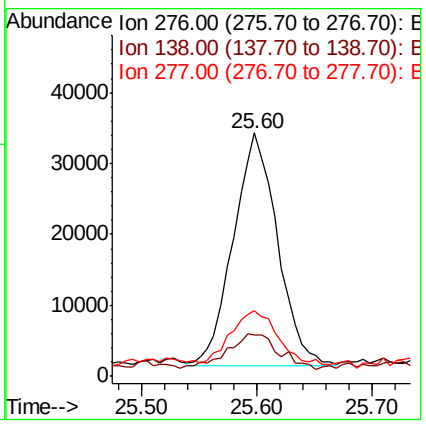

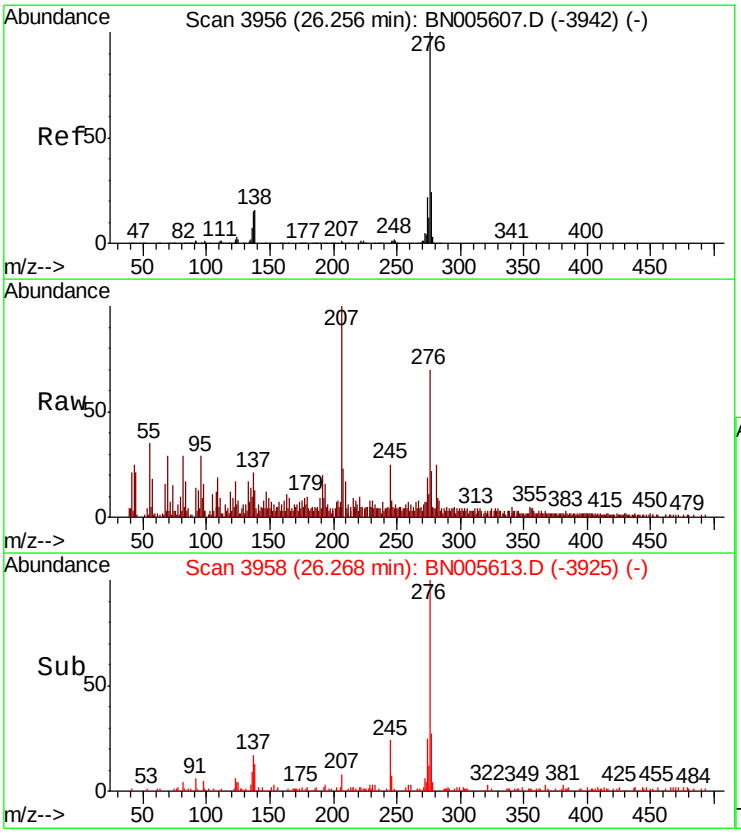

#93
Benzo(g,h,i)perylene
Concen: 2.079 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BN005613.D
Acq: 11 May 2019 06:03

Tgt Ion:276 Resp: 76727

Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.7	25.1
277	31.6	18.2	27.2#