Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121418\
Data File : BN003937.D
Acq On : 14 Dec 2018 18:31
Operator : JU/SJ
Sample : J6270-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E00

Quant Time: Dec 14 23:11:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 22:50:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	36765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	175745	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	106500	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	254684	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	313482	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	291616	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	2168	3.86	ng/uL	0.00
5) Phenol-d5	6.99	99	76685	21.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	41558	21.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	63564	22.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	62750	20.72	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	32584	23.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	37317	23.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	67457	23.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	51452	19.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	208744	21.96	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	274337	24.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	35651	18.14	ng/ul	0.00
57) Fluorene-d10	15.46	176	195290	23.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	15211	8.29	ng/ul	0.00
70) Anthracene-d10	17.31	188	318227	24.73	ng/ul	0.00
78) Pyrene-d10	19.60	212	378145	26.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	396639	25.07	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.02	94	18014	4.938	ng/ul	98
44) Dimethylphthalate	13.92	163	68862	7.420	ng/ul	99
76) Fluoranthene	19.26	202	21332	1.183	ng/ul	98
79) Pyrene	19.63	202	24747	1.413	ng/ul	97
84) Chrysene	21.43	228	21120	1.153	ng/ul	97
87) Benzo(b)fluoranthene	23.01	252	39240	2.246	ng/ul#	95
93) Benzo(g,h,i)perylene	26.79	276	21645	1.179	ng/ul	95

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

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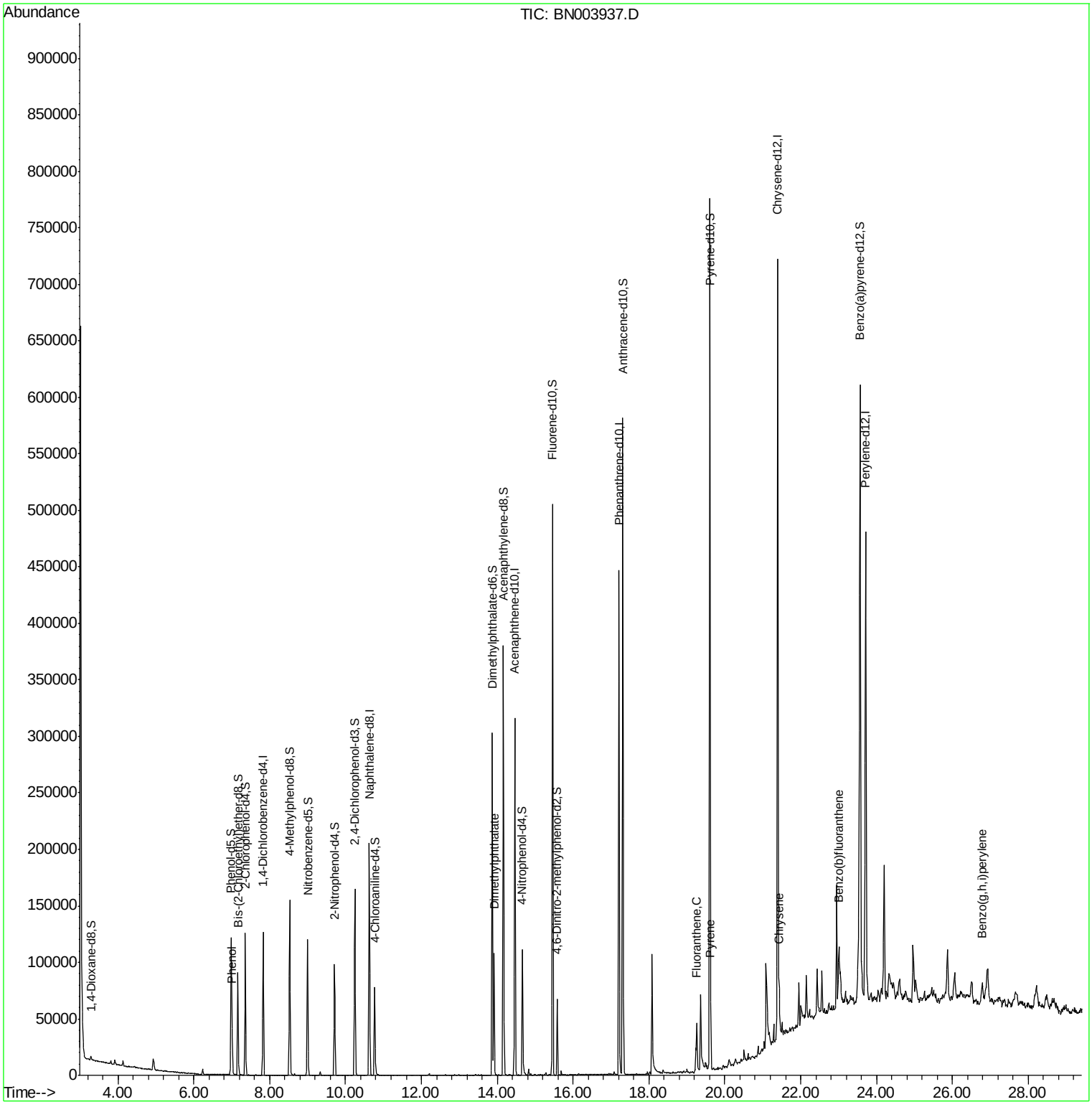
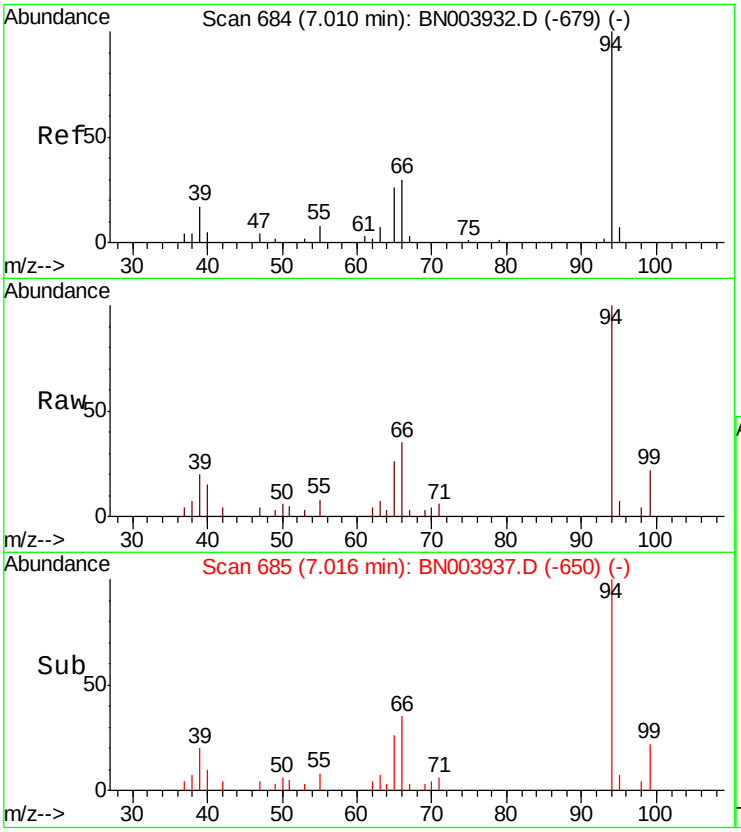


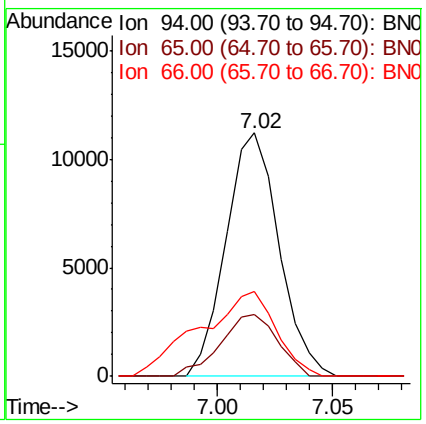


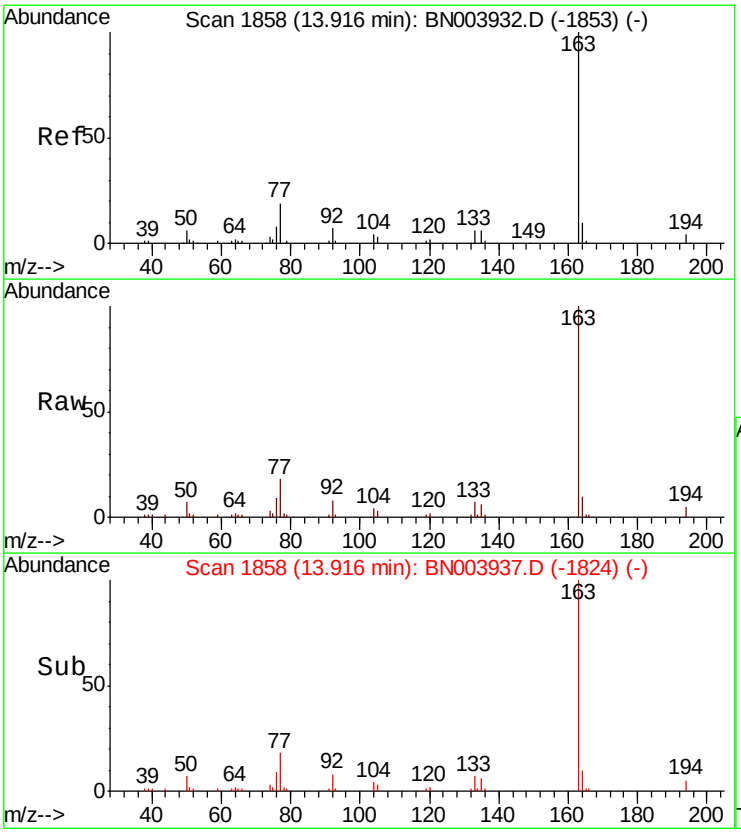
#6
Phenol
Concen: 4.938 ng/ul
RT: 7.02 min Scan# 685
Delta R.T. 0.01 min
Lab File: BN003937.D
Acq: 14 Dec 2018 18:31

Instrument :
BNA_N
ClientSampleId :
F9E00

Tgt Ion: 94 Resp: 18014

Ion	Ratio	Lower	Upper
94	100		
65	25.7	21.2	31.8
66	34.8	26.9	40.3

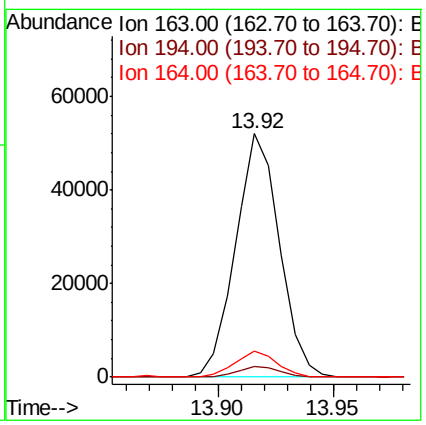


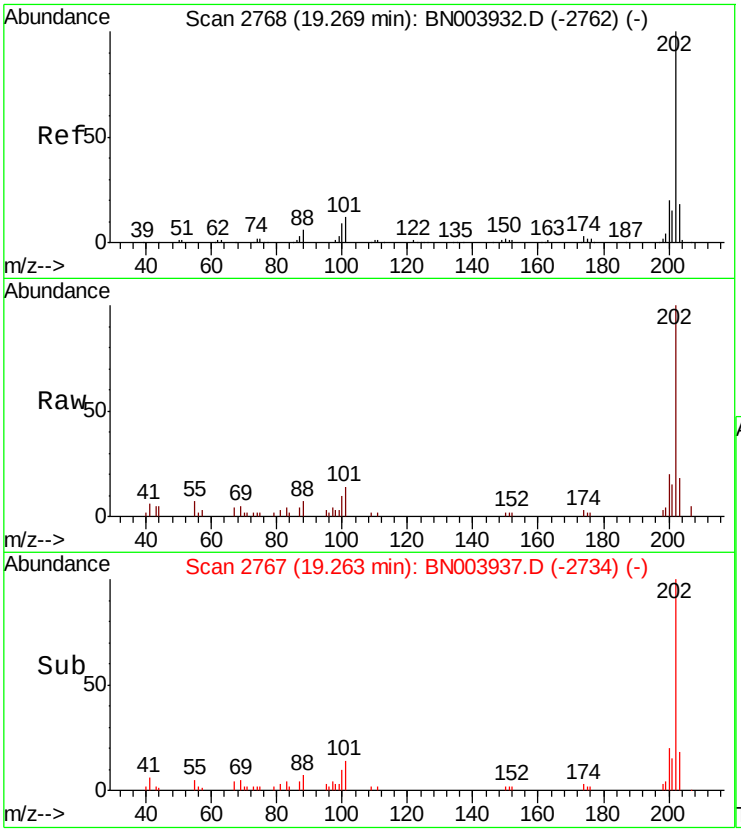


#44
Dimethylphthalate
Concen: 7.420 ng/ul
RT: 13.92 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BN003937.D
Acq: 14 Dec 2018 18:31

Tgt Ion:163 Resp: 68862

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.5	7.9	11.9



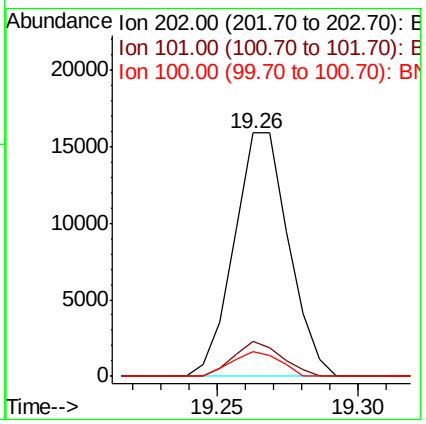


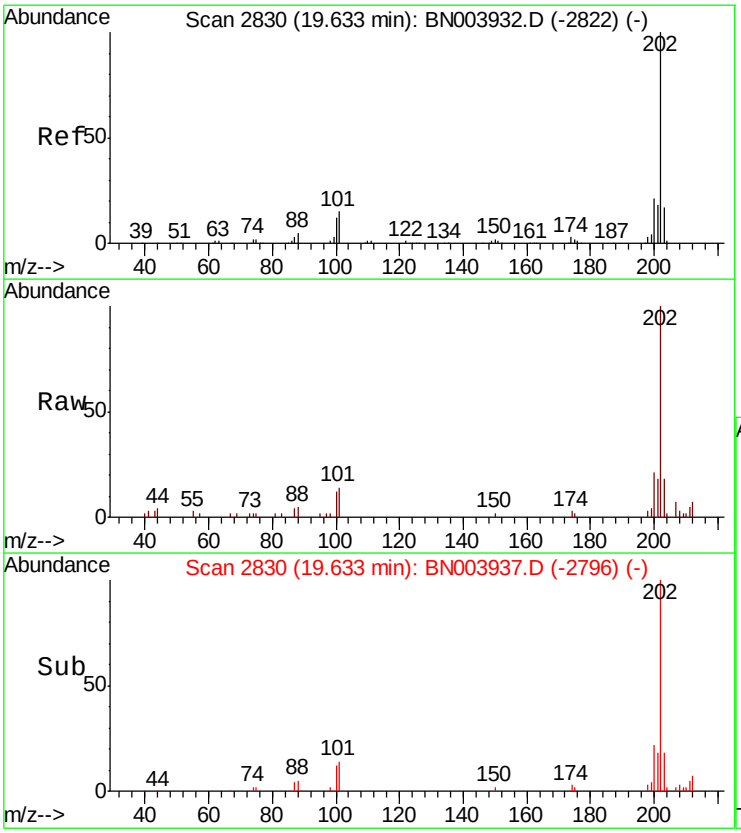
#76
Fluoranthene
Concen: 1.183 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BN003937.D
Acq: 14 Dec 2018 18:31

Instrument :
BNA_N
ClientSampleId :
F9E00

Tgt Ion:202 Resp: 21332

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.2	15.2
100	10.0	7.8	11.8

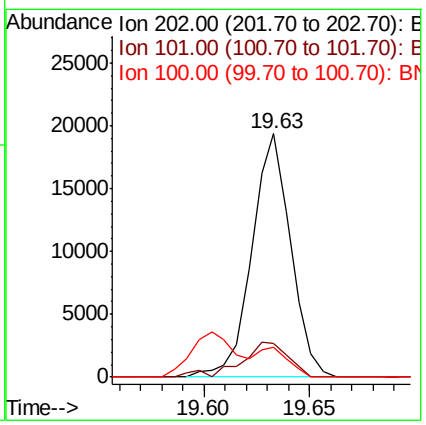


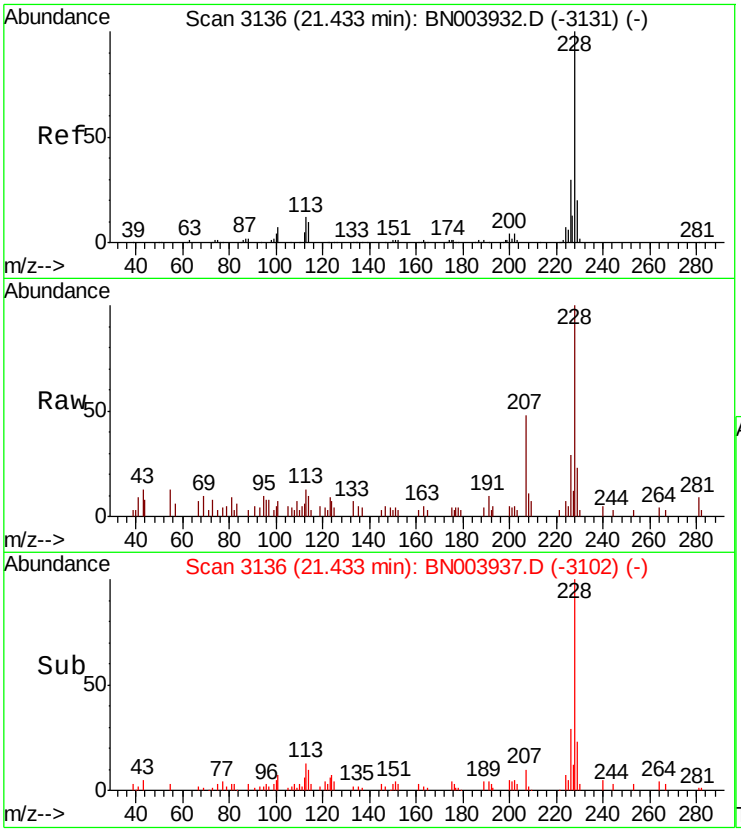


#79
Pyrene
Concen: 1.413 ng/ul
RT: 19.63 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BN003937.D
Acq: 14 Dec 2018 18:31

Tgt Ion:202 Resp: 24747

Ion	Ratio	Lower	Upper
202	100		
101	13.6	12.2	18.2
100	12.0	9.9	14.9



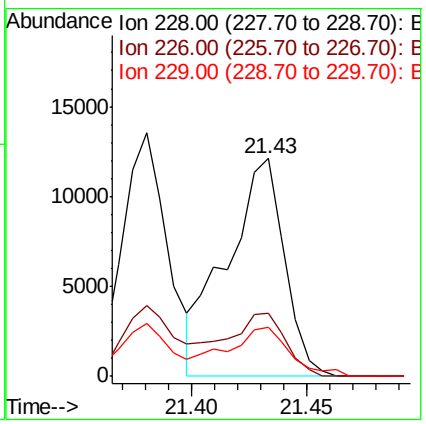


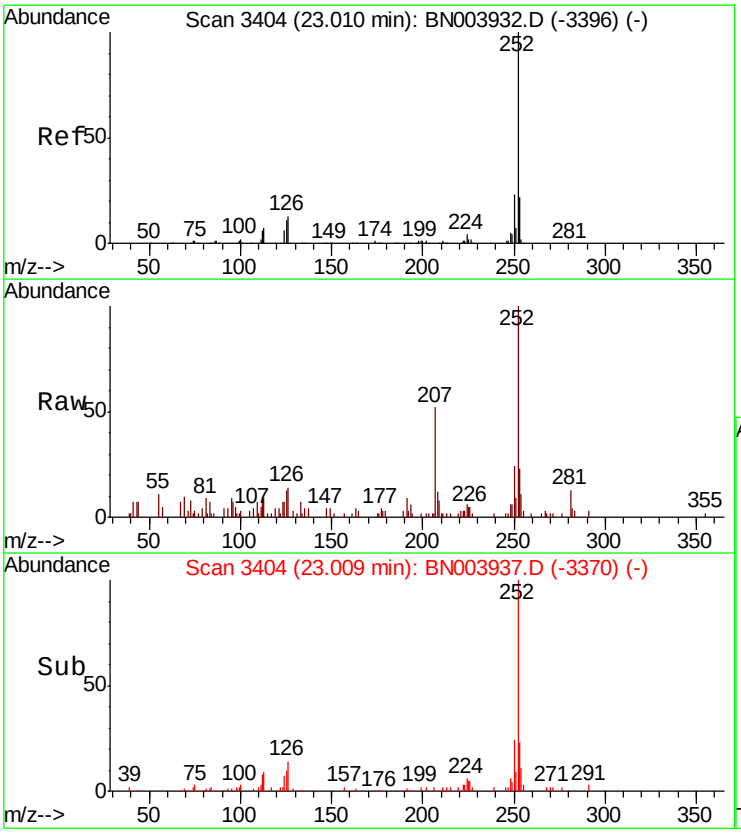
#84
Chrysene
Concen: 1.153 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BN003937.D
Acq: 14 Dec 2018 18:31

Instrument :
BNA_N
ClientSampleId :
F9E00

Tgt Ion:228 Resp: 21120

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.8
229	22.6	15.8	23.6

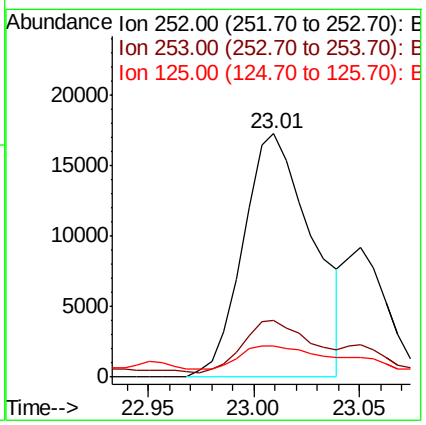


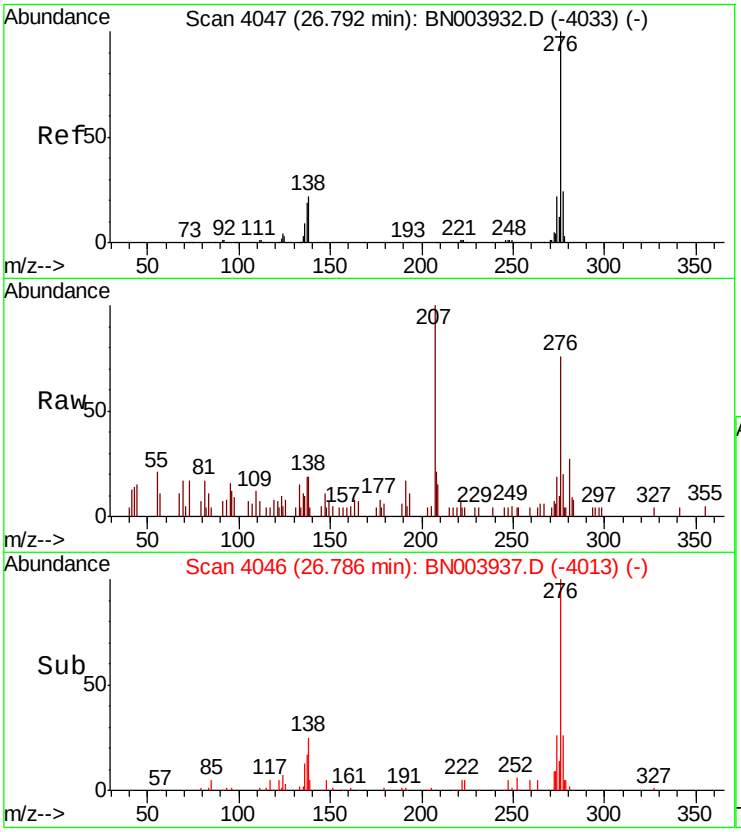


#87
Benzo(b)fluoranthene
Concen: 2.246 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. -0.00 min
Lab File: BN003937.D
Acq: 14 Dec 2018 18:31

Tgt Ion:252 Resp: 39240

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	12.6	8.2	12.4#





#93
Benzo(g,h,i)perylene
Concen: 1.179 ng/ul
RT: 26.79 min Scan# 4046
Delta R.T. -0.01 min
Lab File: BN003937.D
Acq: 14 Dec 2018 18:31

Instrument :
BNA_N
ClientSampleId :
F9E00

Tgt Ion:276 Resp: 21645

Ion	Ratio	Lower	Upper
276	100		
138	24.8	18.2	27.4
277	26.3	19.0	28.6