Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004660.D
Acq On : 08 Mar 2019 04:50
Operator : JU/SJ
Sample : K1657-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB651

Quant Time: Mar 08 05:45:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 00:36:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	38946	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	190013	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	121289	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	284704	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	334909	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	296320	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	4059	5.88	ng/uL	0.00
5) Phenol-d5	6.88	99	49621	15.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	27986	16.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	45810	16.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	45055	16.10	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	24367	16.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	28610	17.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	50018	15.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	66963	17.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	182266	17.38	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	208519	16.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	27668	14.21	ng/ul	0.00
58) Fluorene-d10	15.36	176	152425	17.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	28955	14.73	ng/ul	0.00
71) Anthracene-d10	17.21	188	238439	17.19	ng/ul	0.00
79) Pyrene-d10	19.51	212	267855	16.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	240457	15.11	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.82	163	21592	2.098	ng/ul	99
70) Phenanthrene	17.15	178	38061	2.404	ng/ul	99
77) Fluoranthene	19.17	202	50030	2.741	ng/ul	99
80) Pyrene	19.54	202	39188	1.930	ng/ul	99
83) Benzo(a)anthracene	21.29	228	23067	1.095	ng/ul	98
85) Chrysene	21.35	228	20135	1.029	ng/ul	96
88) Benzo(b)fluoranthene	22.89	252	23869	1.298	ng/ul	97

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

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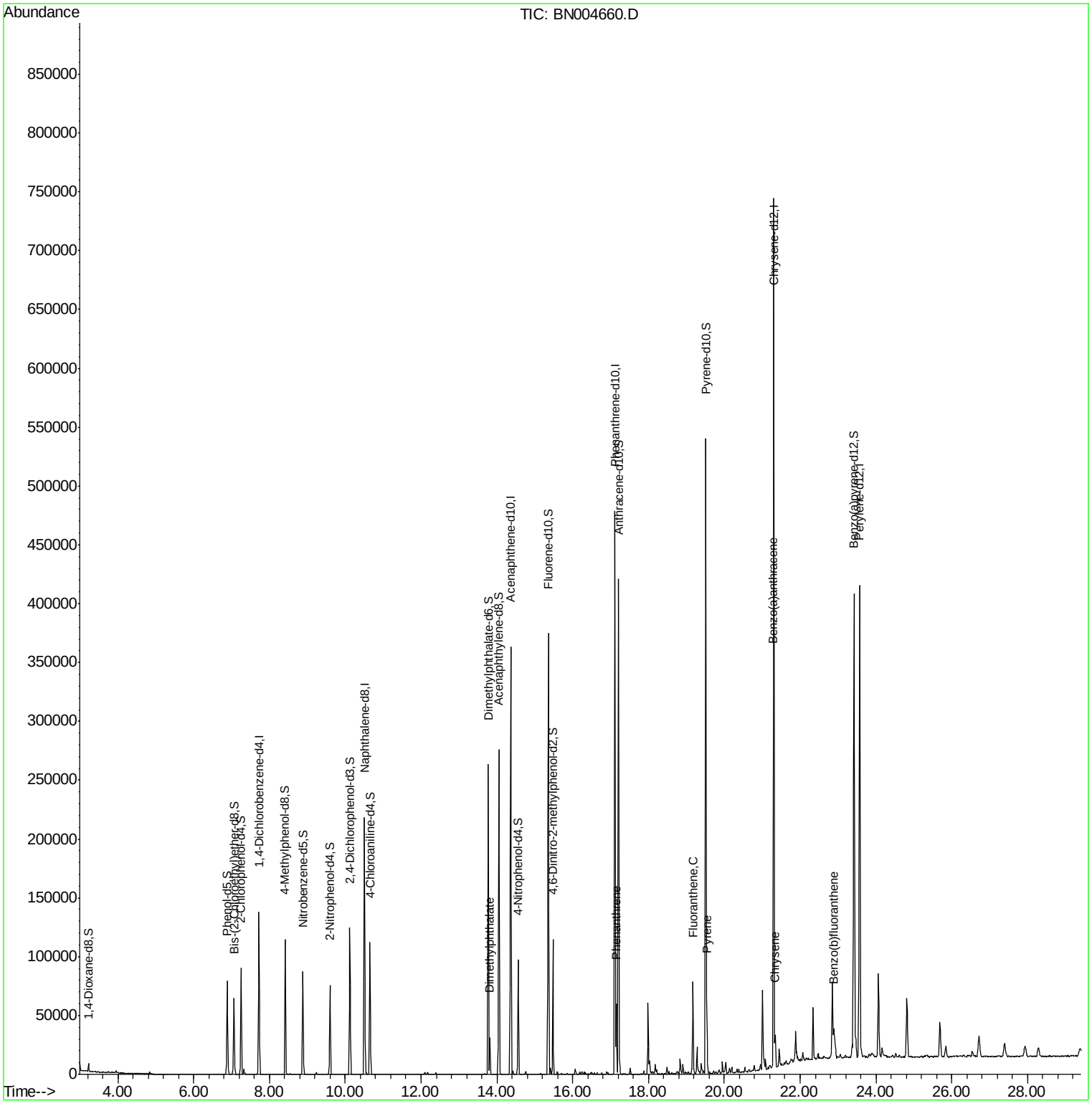
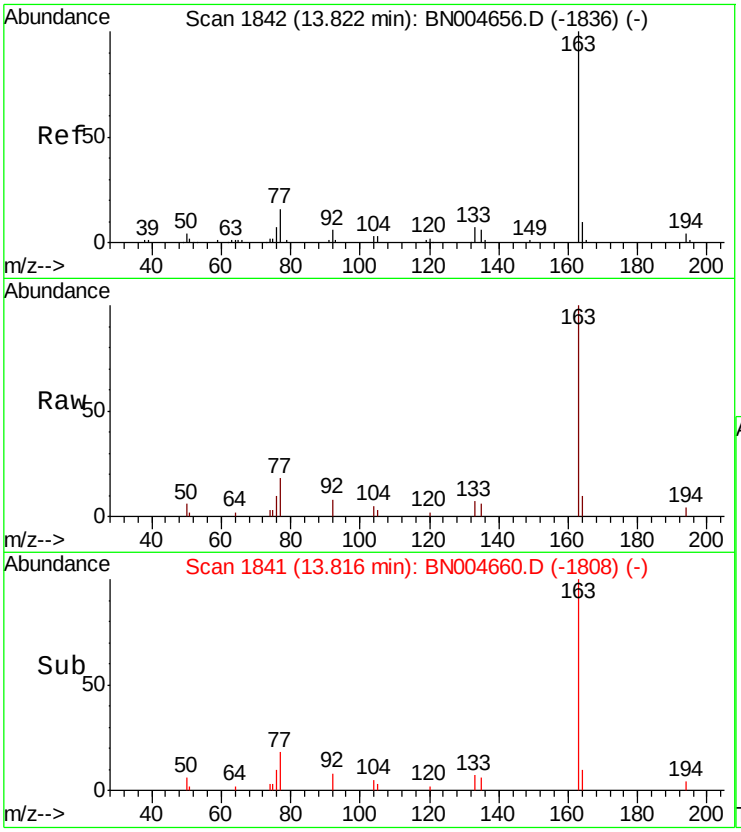


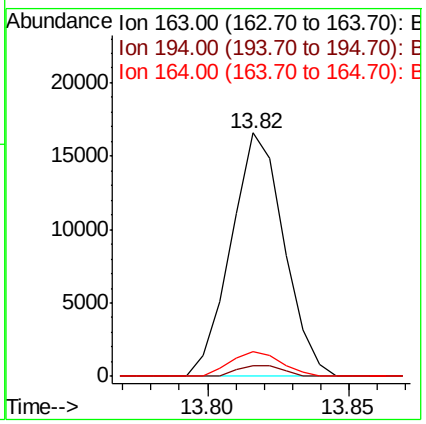


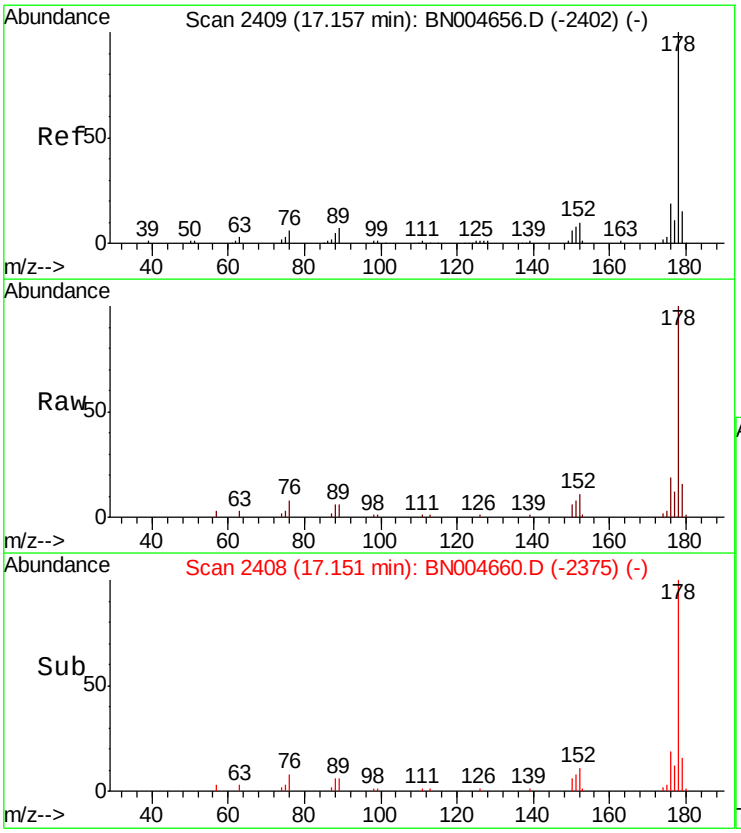
#45
Dimethylphthalate
Concen: 2.098 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BN004660.D
Acq: 08 Mar 2019 04:50

Instrument :
BNA_N
ClientSampleId :
DB651

Tgt Ion:163 Resp: 21592

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	7.9	11.9

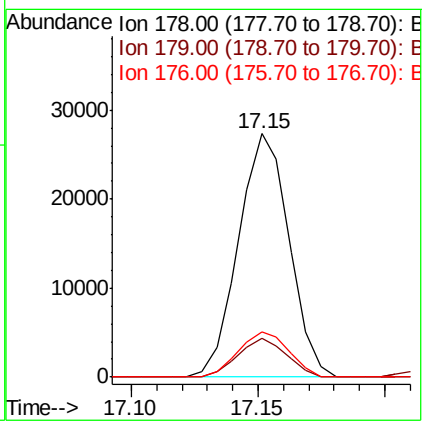


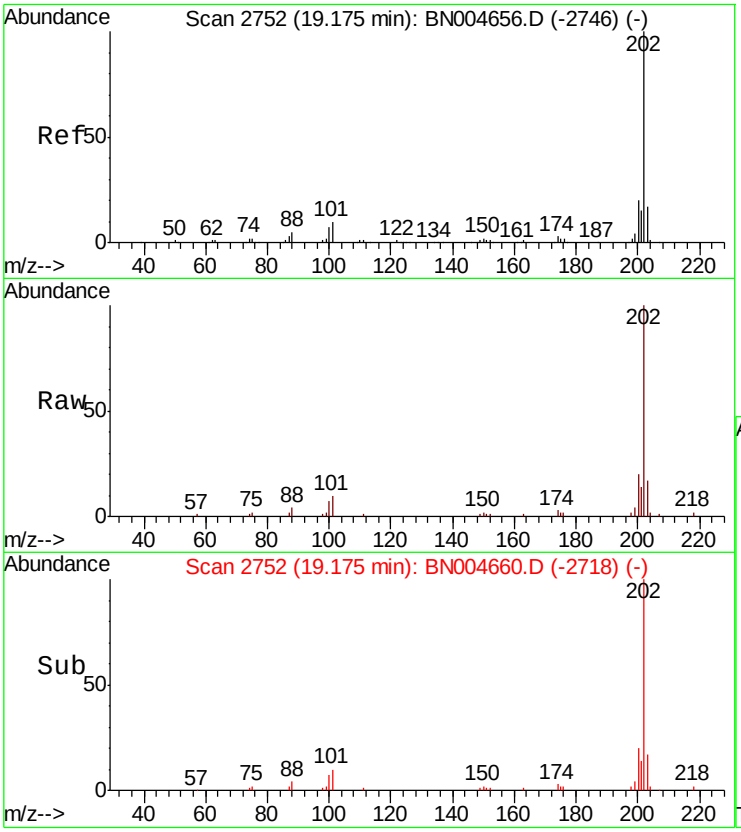


#70
Phenanthrene
Concen: 2.404 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN004660.D
Acq: 08 Mar 2019 04:50

Tgt Ion:178 Resp: 38061

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.8	15.4	23.0



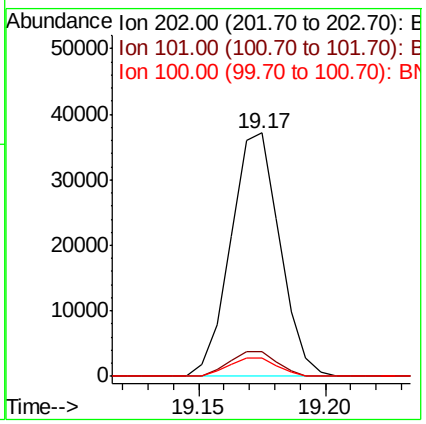


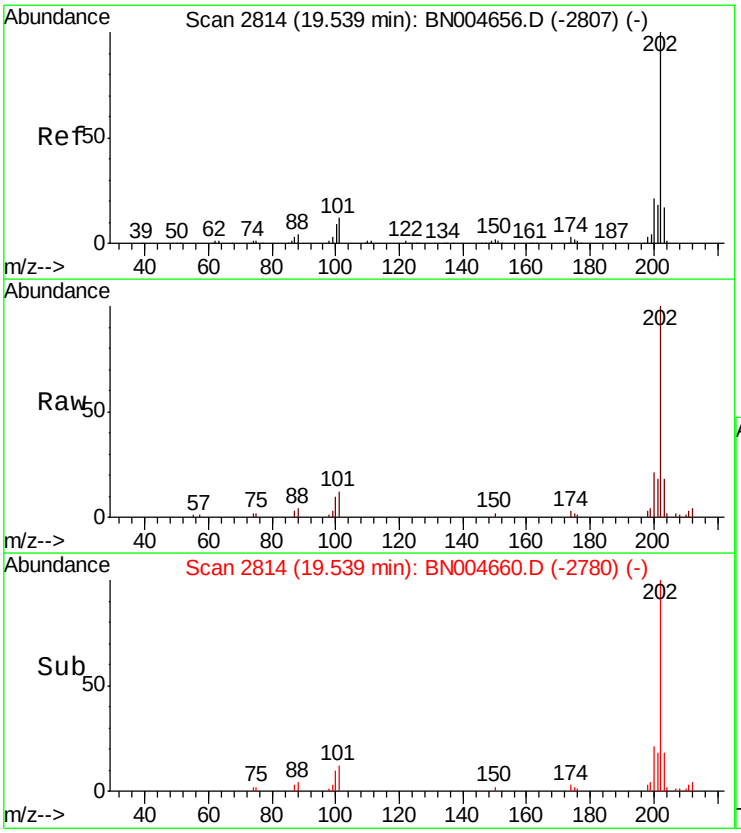
#77
Fluoranthene
Concen: 2.741 ng/ul
RT: 19.17 min Scan# 2752
Delta R.T. 0.00 min
Lab File: BN004660.D
Acq: 08 Mar 2019 04:50

Instrument :
BNA_N
ClientSampleId :
DB651

Tgt Ion:202 Resp: 50030

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.2	12.4
100	7.5	6.6	9.8

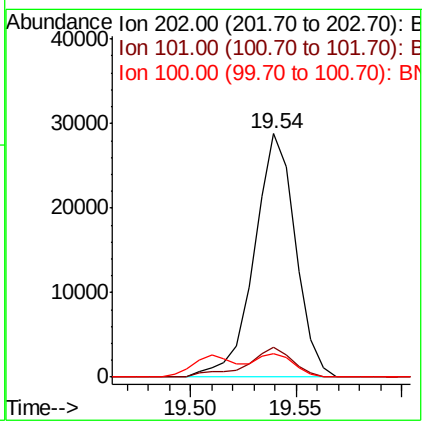


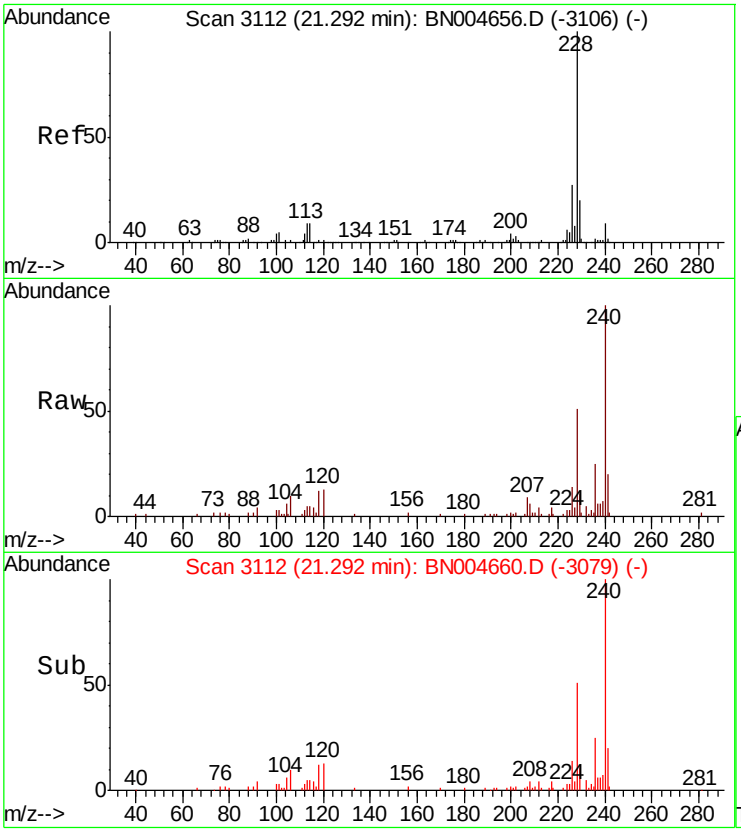


#80
Pyrene
Concen: 1.930 ng/ul
RT: 19.54 min Scan# 2814
Delta R.T. 0.00 min
Lab File: BN004660.D
Acq: 08 Mar 2019 04:50

Tgt Ion:202 Resp: 39188

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.2	13.8
100	9.6	7.5	11.3



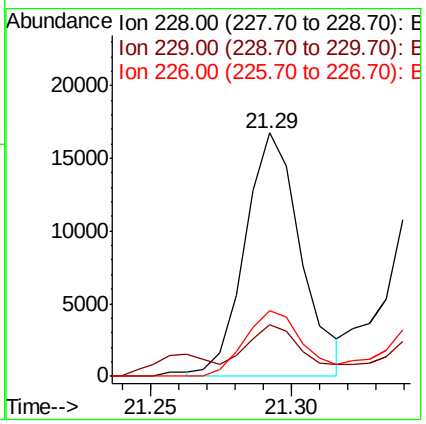


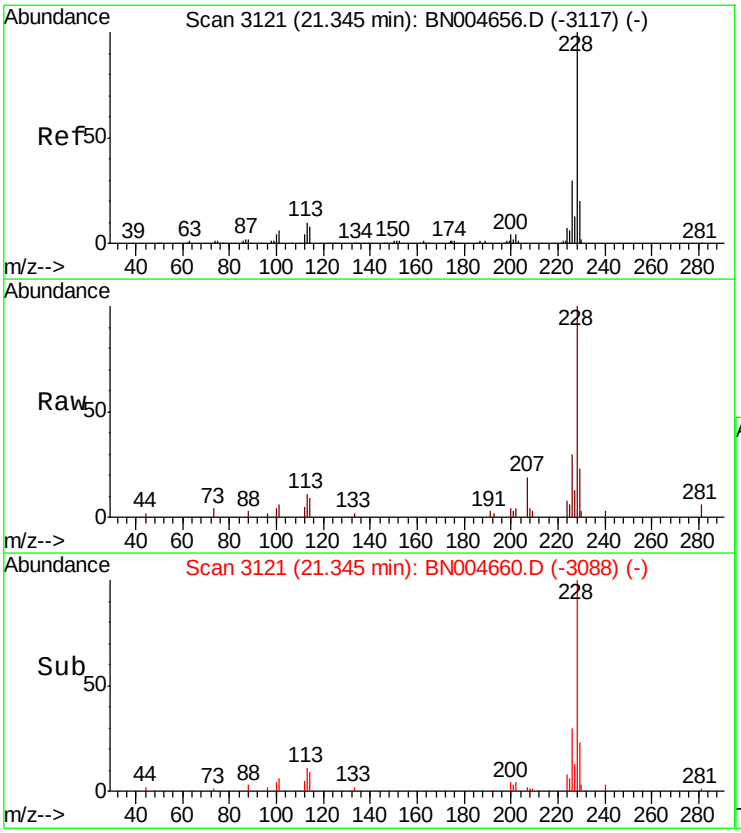
#83
Benzo(a)anthracene
Concen: 1.095 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BN004660.D
Acq: 08 Mar 2019 04:50

Instrument :
BNA_N
ClientSampleId :
DB651

Tgt Ion:228 Resp: 23067

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.2
226	26.7	21.4	32.2

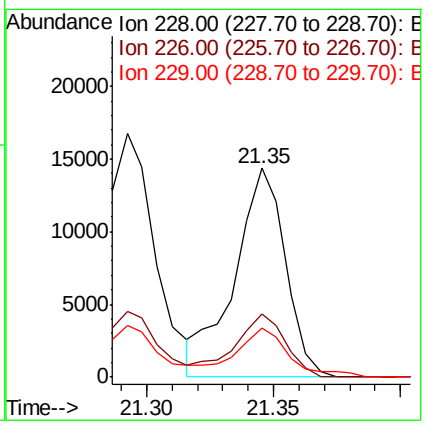


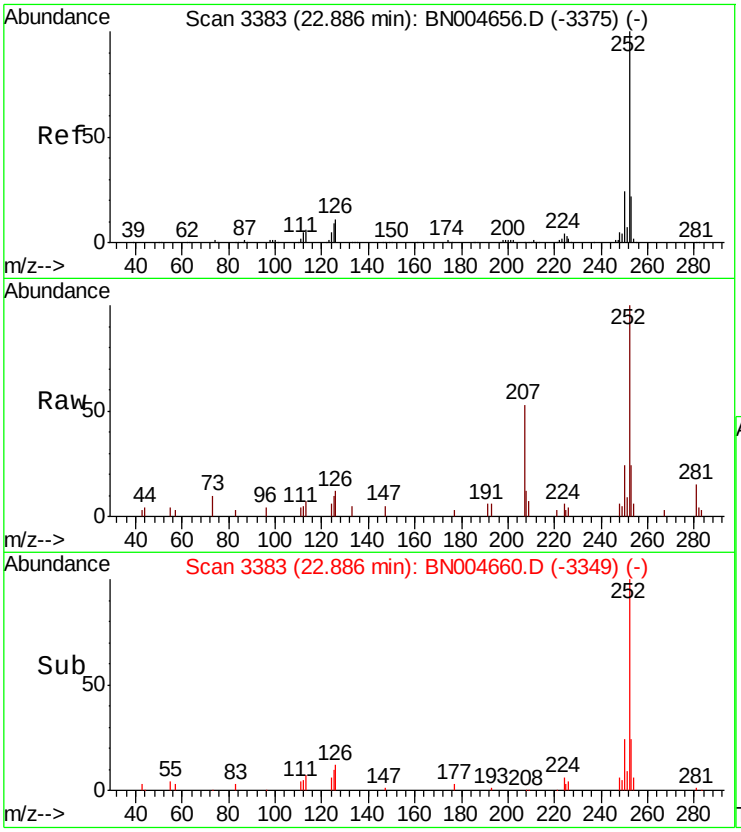


#85
Chrysene
Concen: 1.029 ng/ul
RT: 21.35 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BN004660.D
Acq: 08 Mar 2019 04:50

Tgt Ion:228 Resp: 20135

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	23.3	15.7	23.5





#88
Benzo(b)fluoranthene
Concen: 1.298 ng/ul
RT: 22.89 min Scan# 3383
Delta R.T. 0.00 min
Lab File: BN004660.D
Acq: 08 Mar 2019 04:50

Instrument :
BNA_N
ClientSampleId :
DB651

Tgt Ion:252 Resp: 23869

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	10.0	7.4	11.2