Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004659.D
Acq On : 08 Mar 2019 04:15
Operator : JU/SJ
Sample : K1657-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB655

Quant Time: Mar 08 05:42:29 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	36389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	177256	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	112566	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	263883	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	296984	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	253393	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3653	5.66	ng/uL	0.00
5) Phenol-d5	6.88	99	41763	13.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	23185	14.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	37892	14.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	36695	14.03	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	20315	15.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	23830	15.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	43473	14.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	49692	14.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	154664	15.89	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	177359	15.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	22979	12.72	ng/ul	0.00
58) Fluorene-d10	15.36	176	130126	15.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	25004	13.73	ng/ul	0.00
71) Anthracene-d10	17.21	188	206362	16.06	ng/ul	0.00
79) Pyrene-d10	19.51	212	238863	16.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	197698	14.53	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.82	163	23430	2.453	ng/ul	99
70) Phenanthrene	17.15	178	34287	2.337	ng/ul	99
77) Fluoranthene	19.17	202	66989	3.960	ng/ul	98
80) Pyrene	19.54	202	55207	3.066	ng/ul	99
83) Benzo(a)anthracene	21.29	228	34629	1.854	ng/ul	96
85) Chrysene	21.34	228	31515	1.817	ng/ul	97
88) Benzo(b)fluoranthene	22.89	252	39521	2.513	ng/ul	98
91) Benzo(a)pyrene	23.47	252	24622	1.664	ng/ul	97

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

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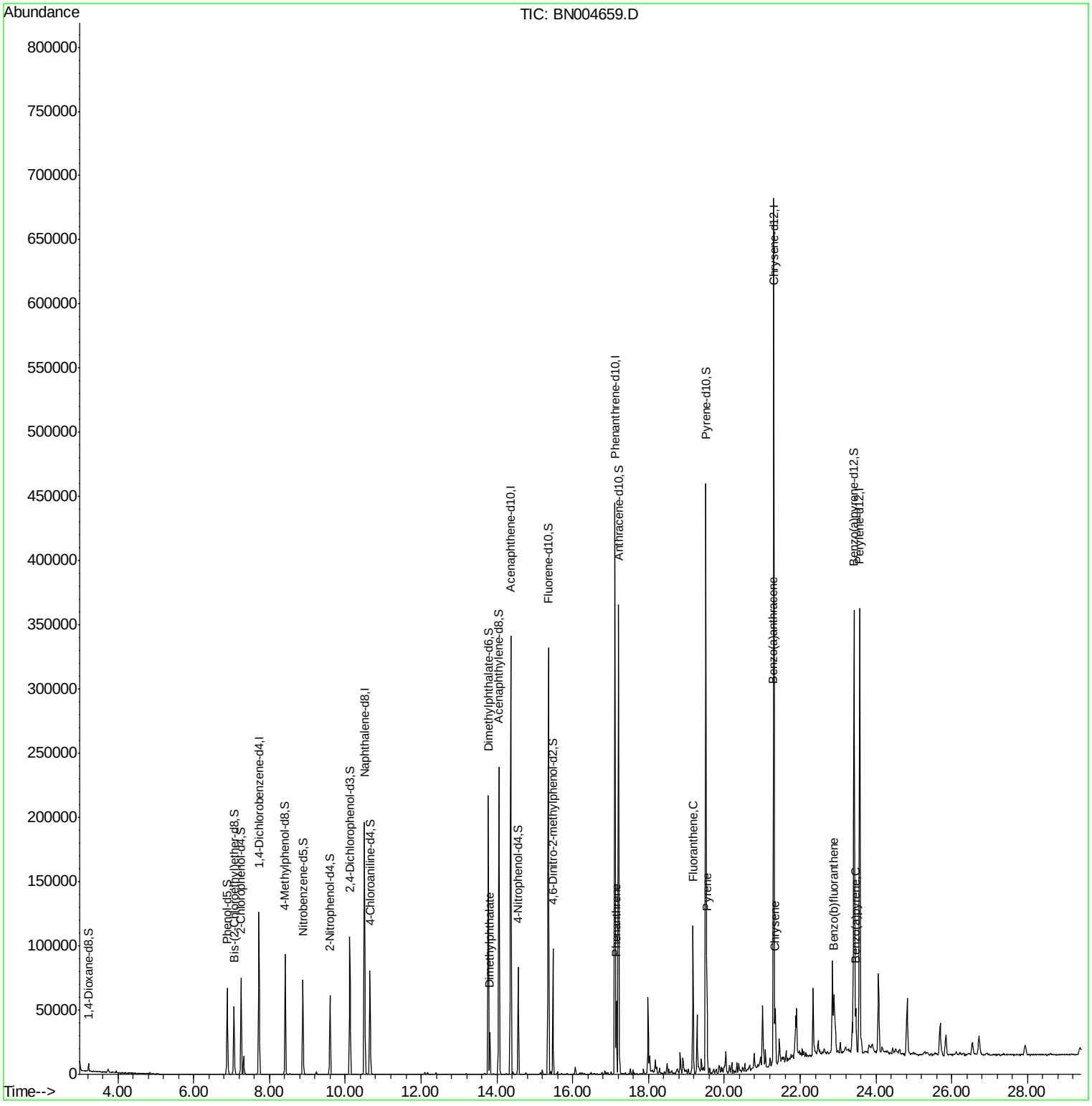
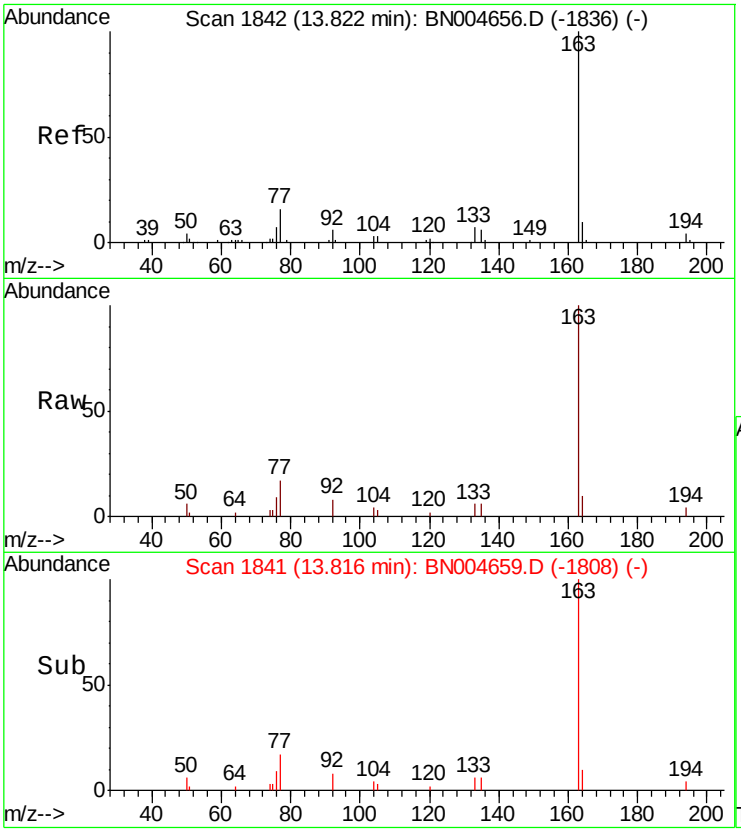


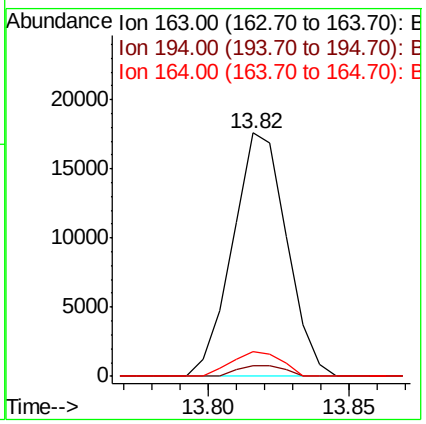


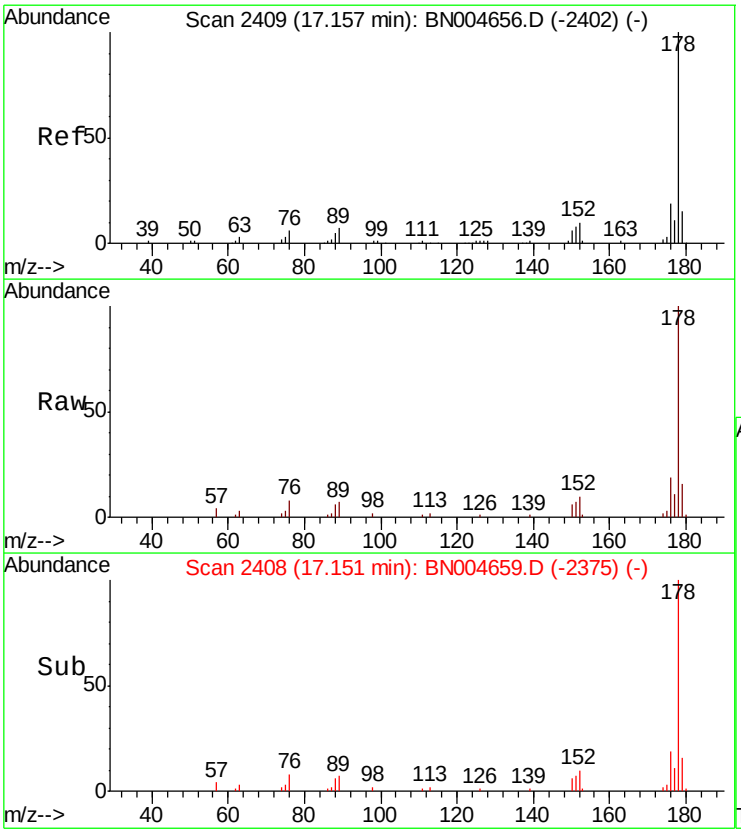
#45
Dimethylphthalate
Concen: 2.453 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BN004659.D
Acq: 08 Mar 2019 04:15

Instrument : BNA_N
ClientSampleId : DB655

Tgt Ion:163 Resp: 23430

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.4	7.9	11.9

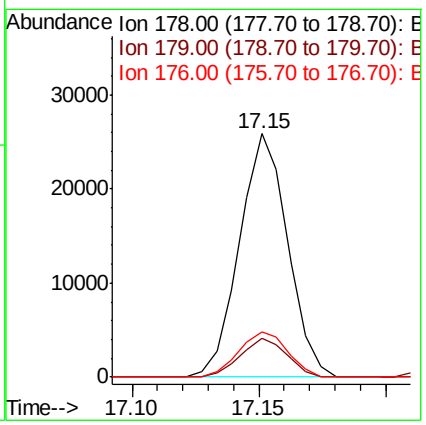


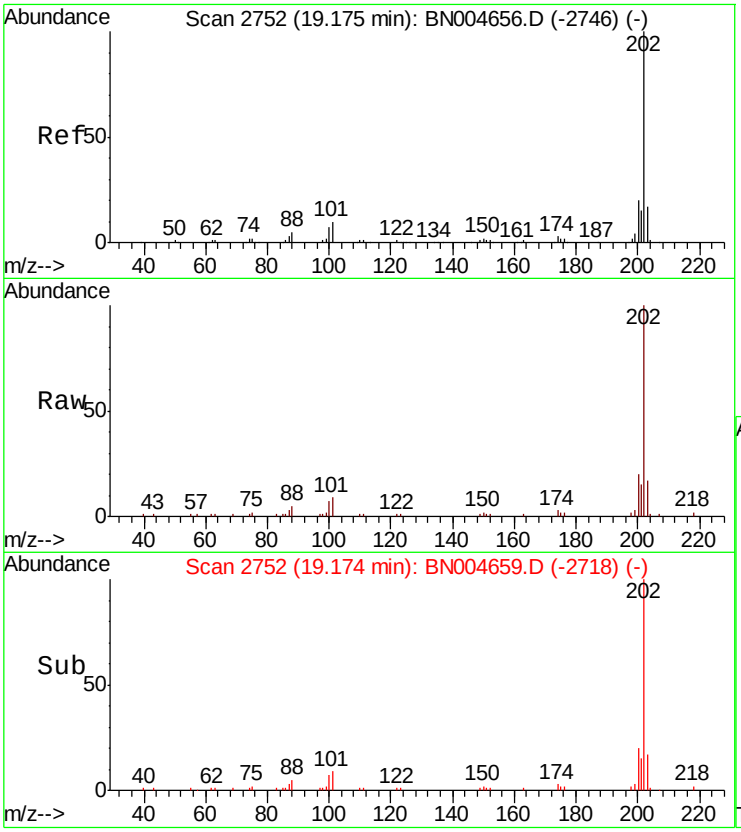


#70
Phenanthrene
Concen: 2.337 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN004659.D
Acq: 08 Mar 2019 04:15

Tgt Ion:178 Resp: 34287

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.7	15.4	23.0



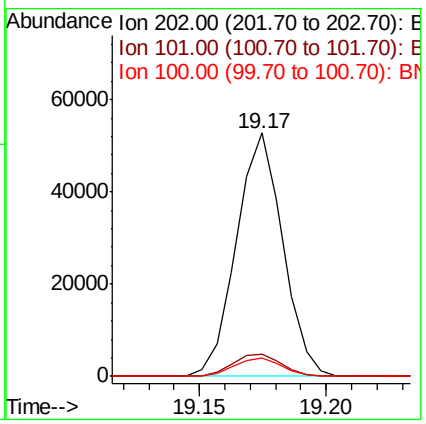


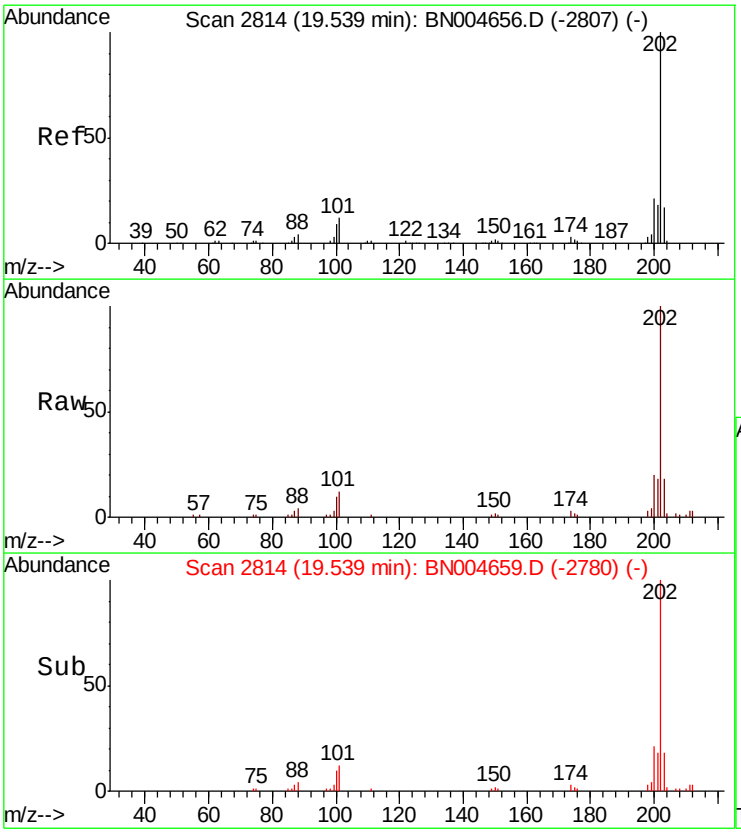
#77
Fluoranthene
Concen: 3.960 ng/ul
RT: 19.17 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BN004659.D
Acq: 08 Mar 2019 04:15

Instrument :
BNA_N
ClientSampleId :
DB655

Tgt Ion:202 Resp: 66989

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.2	12.4
100	7.5	6.6	9.8

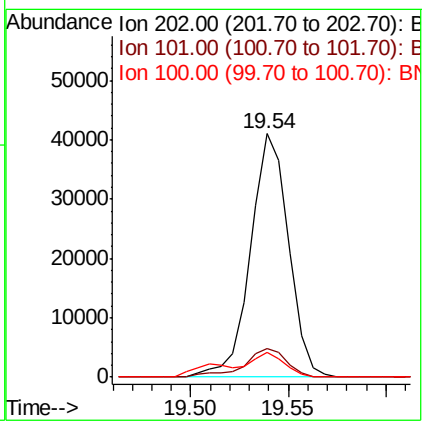


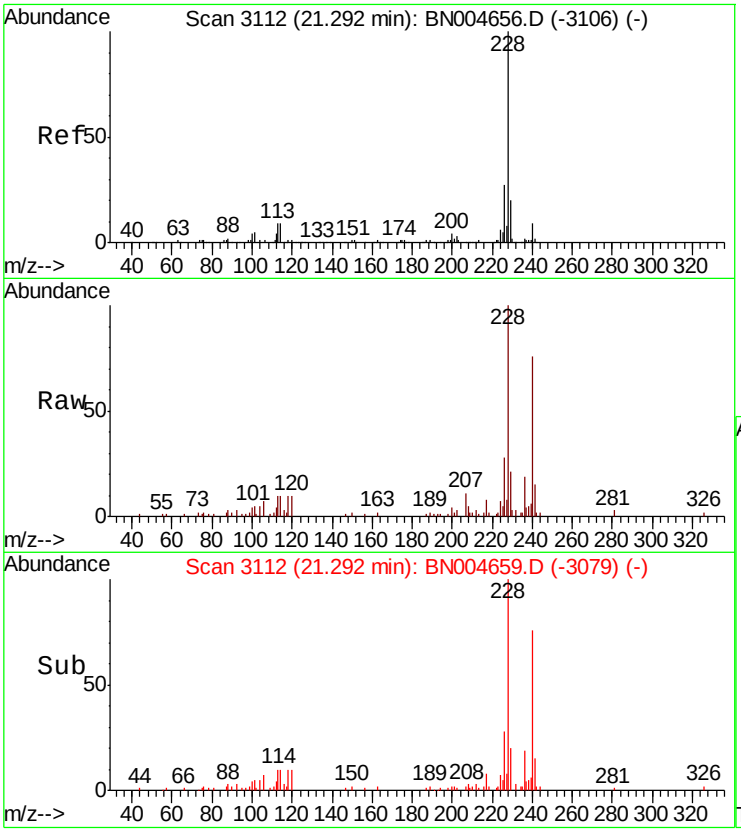


#80
Pyrene
Concen: 3.066 ng/ul
RT: 19.54 min Scan# 2814
Delta R.T. -0.00 min
Lab File: BN004659.D
Acq: 08 Mar 2019 04:15

Tgt Ion:202 Resp: 55207

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.2	13.8
100	10.0	7.5	11.3



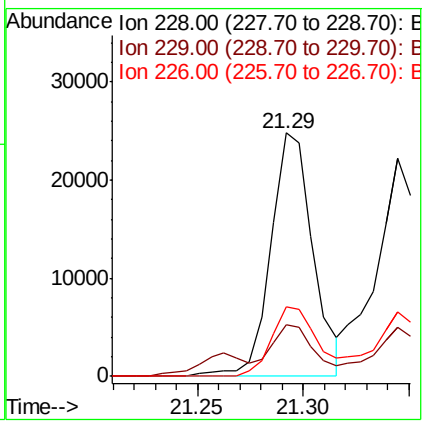


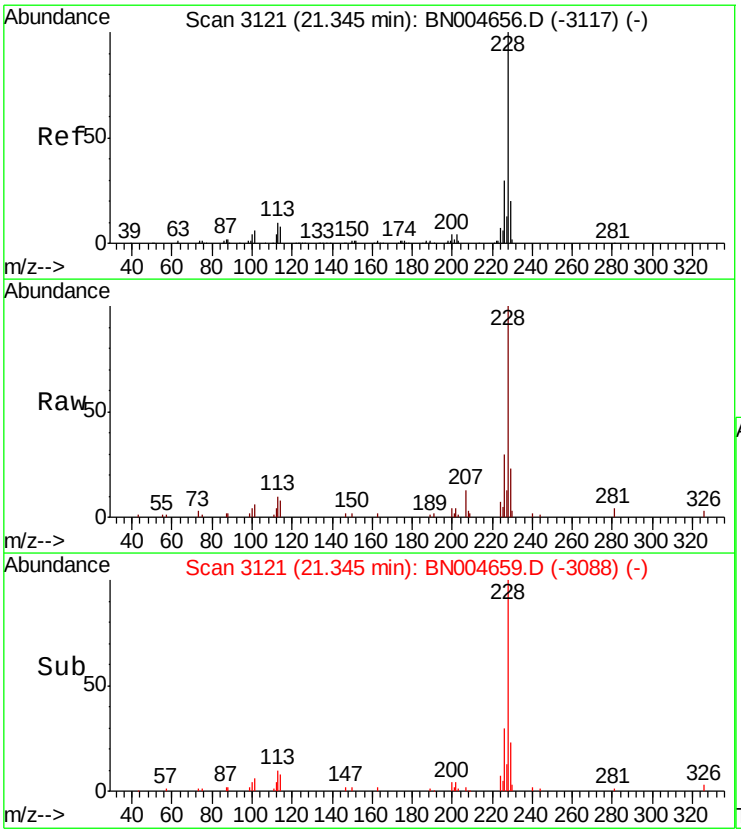
#83
Benzo(a)anthracene
Concen: 1.854 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BN004659.D
Acq: 08 Mar 2019 04:15

Instrument :
BNA_N
ClientSampleId :
DB655

Tgt Ion:228 Resp: 34629

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.4	23.2
226	28.3	21.4	32.2

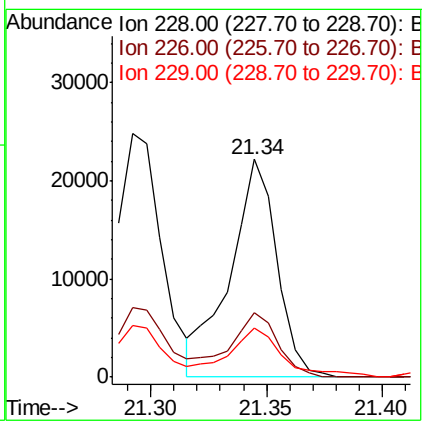


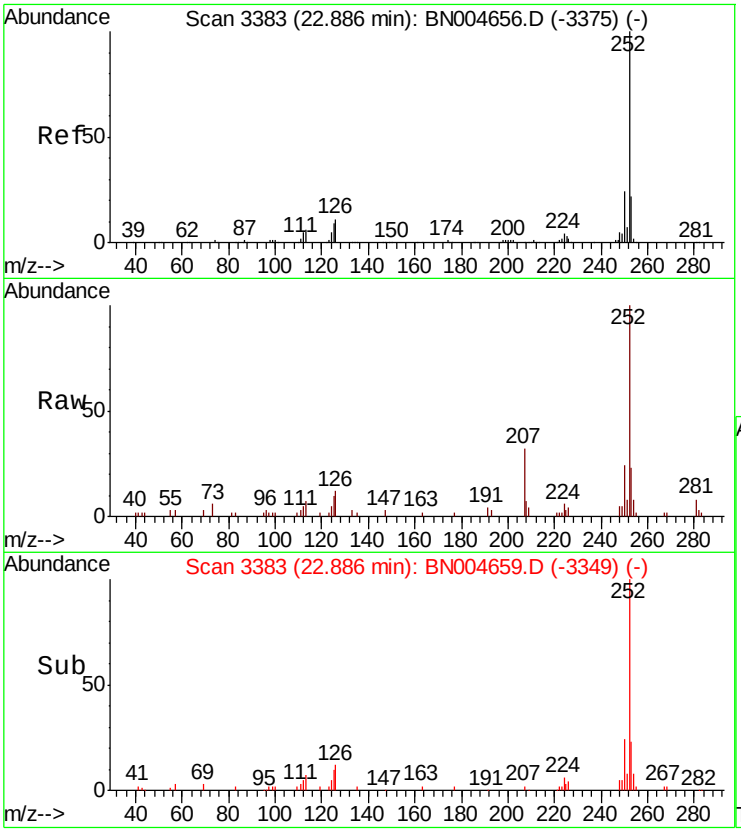


#85
Chrysene
Concen: 1.817 ng/ul
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BN004659.D
Acq: 08 Mar 2019 04:15

Tgt Ion:228 Resp: 31515

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	22.5	15.7	23.5



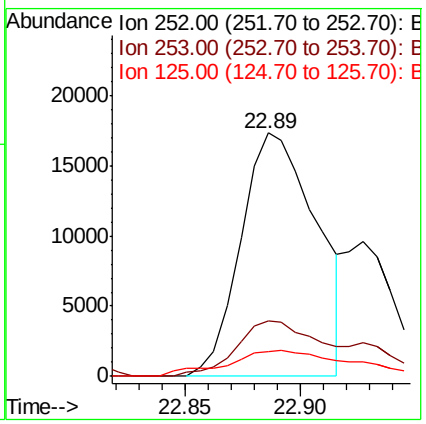


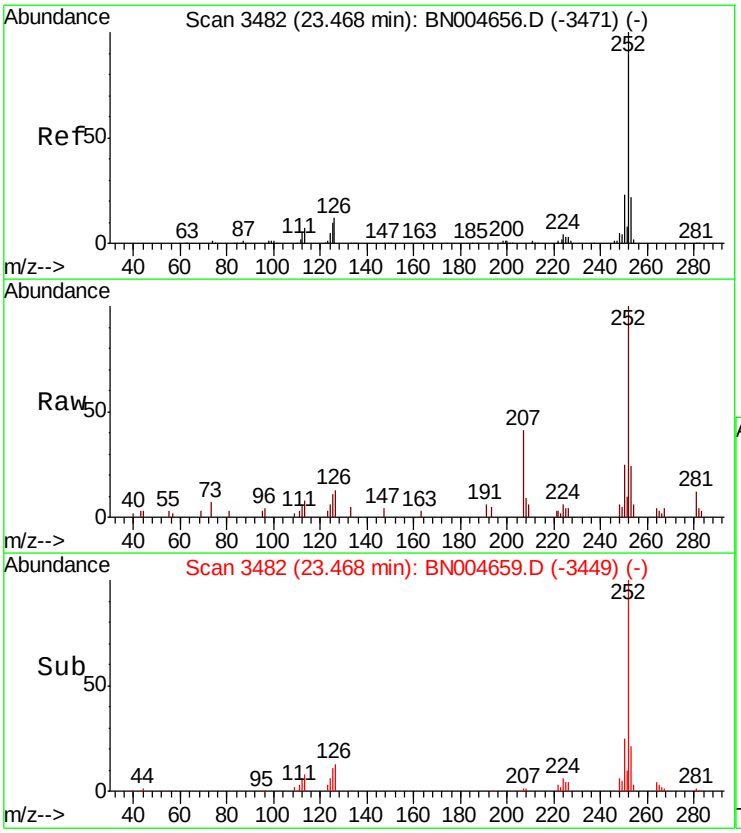
#88
Benzo(b)fluoranthene
Concen: 2.513 ng/ul
RT: 22.89 min Scan# 3383
Delta R.T. -0.00 min
Lab File: BN004659.D
Acq: 08 Mar 2019 04:15

Instrument :
BNA_N
ClientSampleId :
DB655

Tgt Ion:252 Resp: 39521

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.3	7.4	11.2





#91
Benzo(a)pyrene
Concen: 1.664 ng/ul
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BN004659.D
Acq: 08 Mar 2019 04:15

Tgt Ion:252 Resp: 24622

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	10.6	8.4	12.6