Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009820.D
Acq On : 21 Feb 2020 22:42
Operator : CG/JU
Sample : L1535-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 22 01:25:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	102095	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	434435	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	281543	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	594084	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	564206	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	604178	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	2974	1.20	ng/uL	-0.01
5) Phenol-d5	6.60	99	40267	4.64	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.76	67	34983	5.84	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.94	132	36055	5.51	ng/ul	-0.02
13) 4-Methylphenol-d8	8.12	113	25131	3.64	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	15601	4.91	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.25	143	16322	4.69	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.80	165	25105	3.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	41632	5.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	130006	6.18	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	138061	5.57	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.31	143	2882	0.75	ng/ul	0.02
58) Fluorene-d10	15.04	176	109371	6.02	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	7860	2.13	ng/ul	0.00
71) Anthracene-d10	16.89	188	166056	6.10	ng/ul	-0.02
79) Pyrene-d10	19.19	212	204708	6.94	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	201858	6.69	ng/ul	-0.04
Target Compounds						Qvalue
70) Phenanthrene	16.83	178	56460	1.665	ng/ul	99
72) Anthracene	16.83	178	56460	1.629	ng/ul	99
77) Fluoranthene	18.86	202	88117	2.219	ng/ul#	96
80) Pyrene	19.22	202	78557	1.931	ng/ul	98
83) Benzo(a)anthracene	20.99	228	43384	1.119	ng/ul	97
85) Chrysene	21.04	228	43006	1.127	ng/ul	98
88) Benzo(b)fluoranthene	22.49	252	58219	1.486	ng/ul#	92

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

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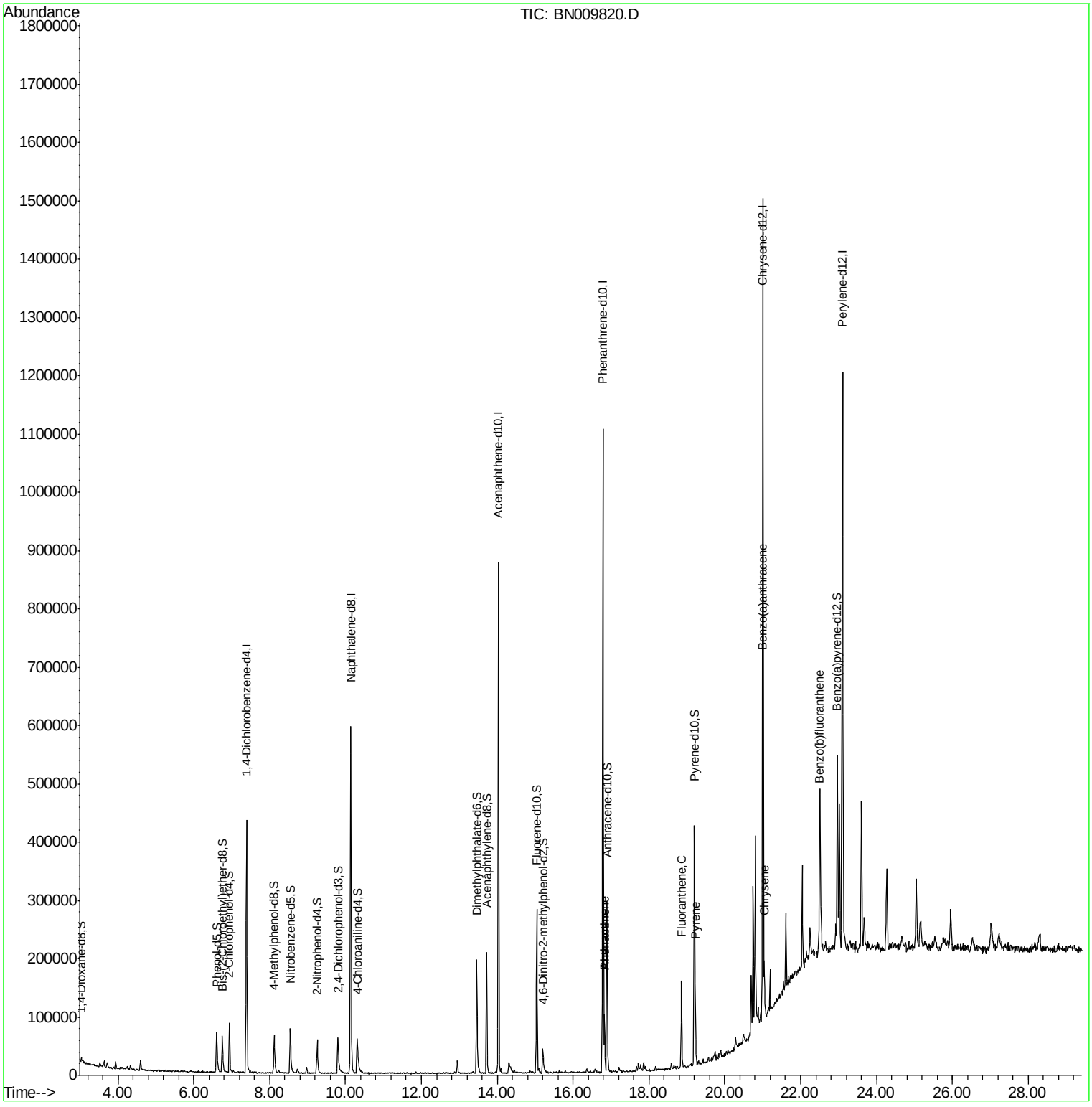
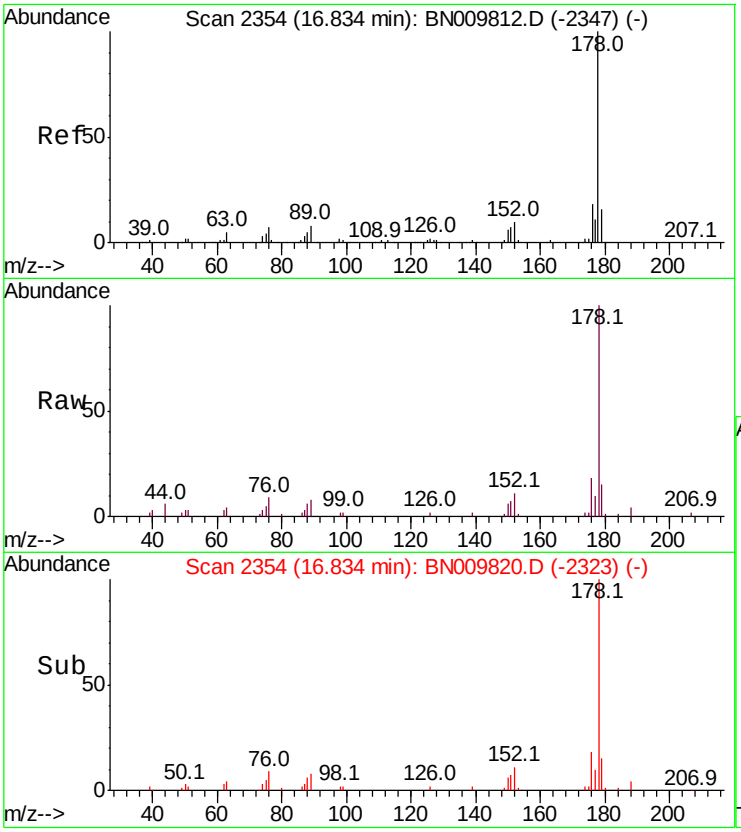
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration



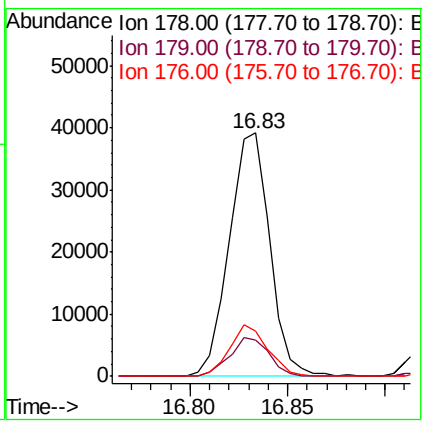


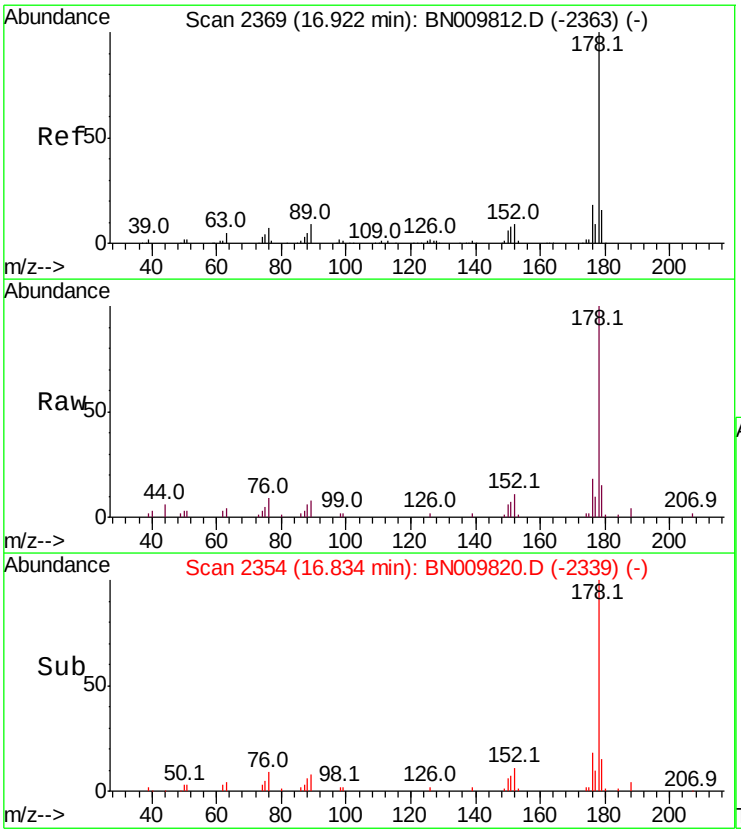
#70
Phenanthrene
Concen: 1.665 ng/ul
RT: 16.83 min Scan# 2354
Delta R.T. -0.02 min
Lab File: BN009820.D
Acq: 21 Feb 2020 22:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 56460

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.5	18.7
176	18.4	14.6	22.0

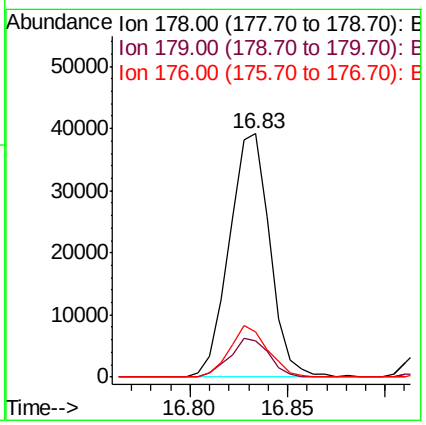


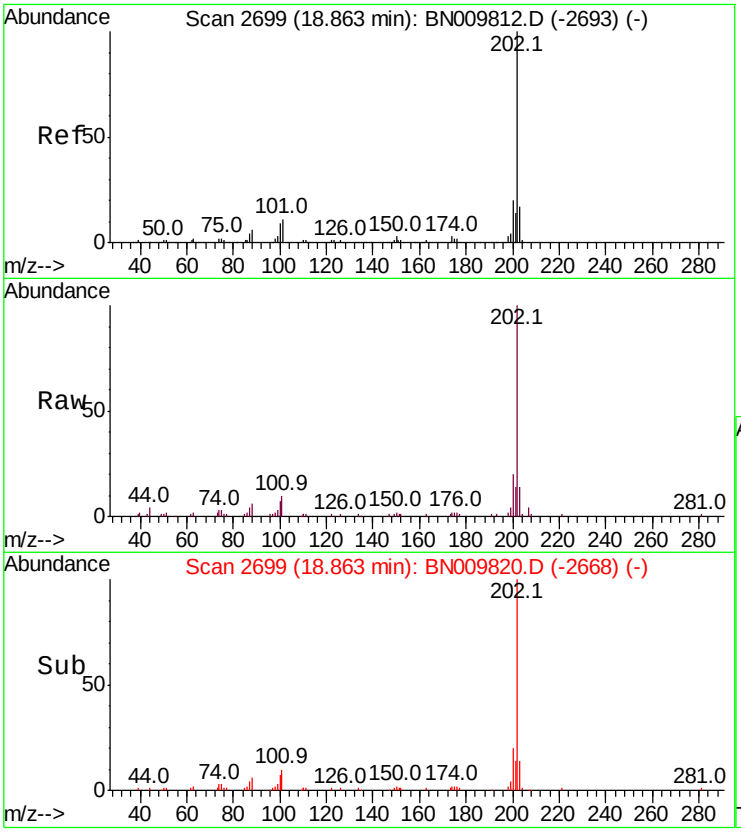


#72
Anthracene
Concen: 1.629 ng/ul
RT: 16.83 min Scan# 2354
Delta R.T. -0.11 min
Lab File: BN009820.D
Acq: 21 Feb 2020 22:42

Tgt Ion:178 Resp: 56460

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.2
176	18.4	14.6	21.8



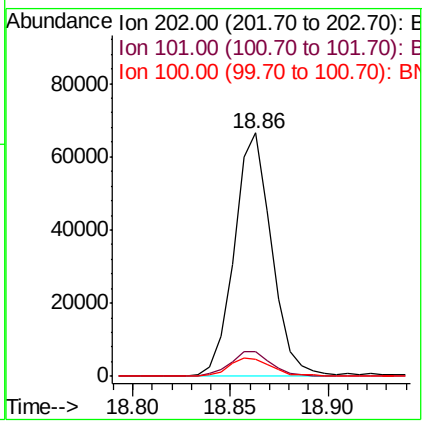


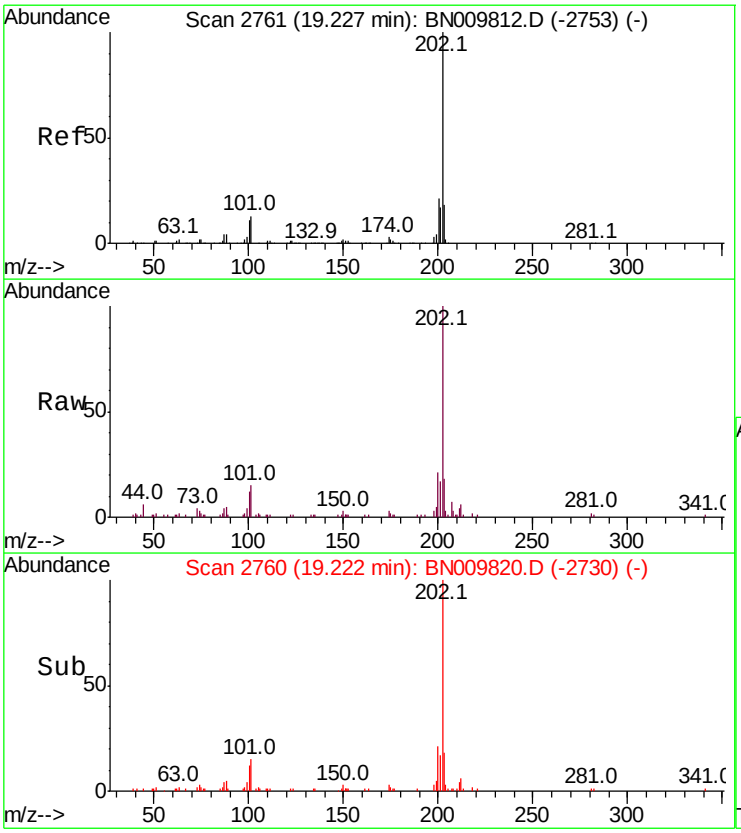
#77
Fluoranthene
Concen: 2.219 ng/ul
RT: 18.86 min Scan# 2699
Delta R.T. -0.02 min
Lab File: BN009820.D
Acq: 21 Feb 2020 22:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 88117

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.4	14.2
100	7.1	7.2	10.8#

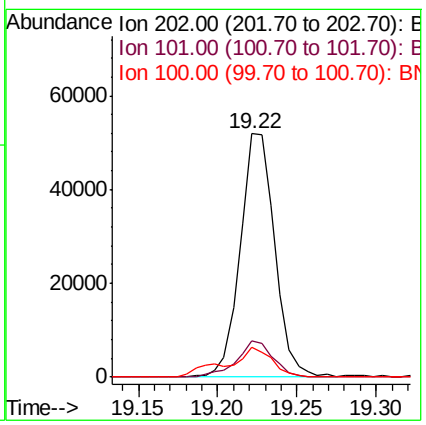


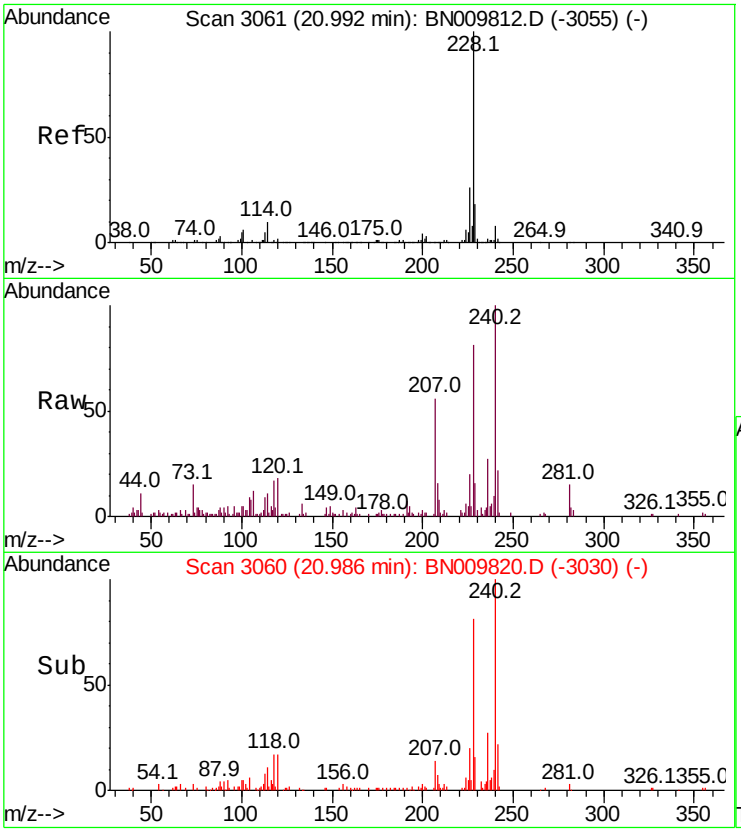


#80
Pyrene
Concen: 1.931 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BN009820.D
Acq: 21 Feb 2020 22:42

Tgt Ion:202 Resp: 78557

Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.3	16.9
100	12.2	9.0	13.6



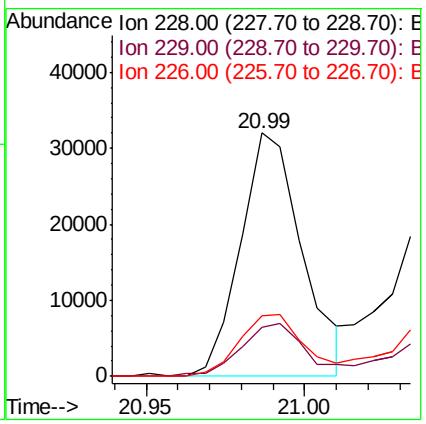


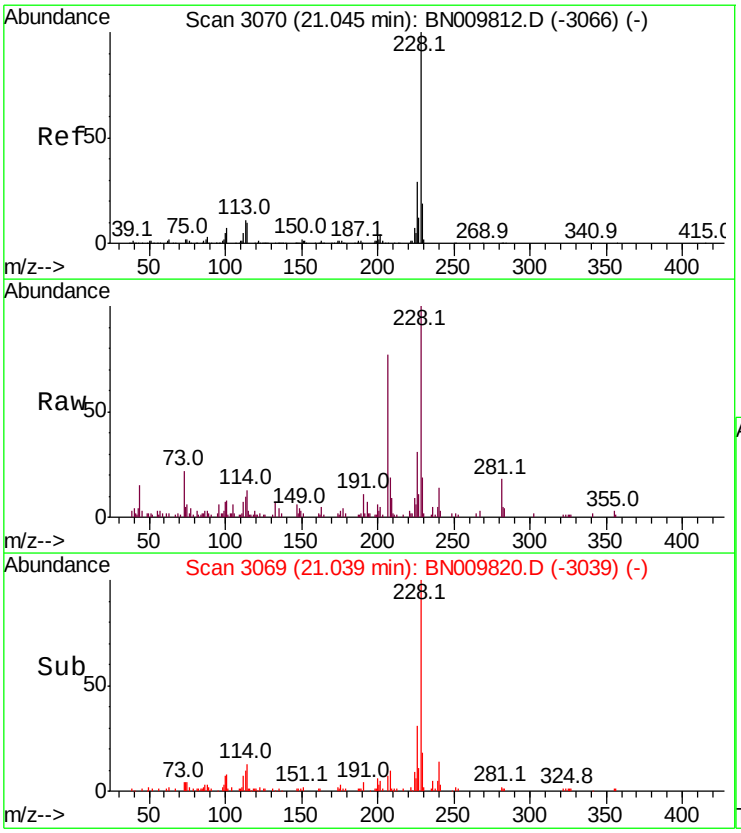
#83
Benzo(a)anthracene
Concen: 1.119 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. -0.02 min
Lab File: BN009820.D
Acq: 21 Feb 2020 22:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 43384

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.0	22.4
226	25.0	21.4	32.2

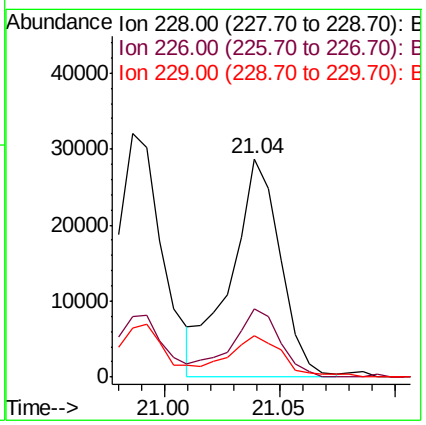


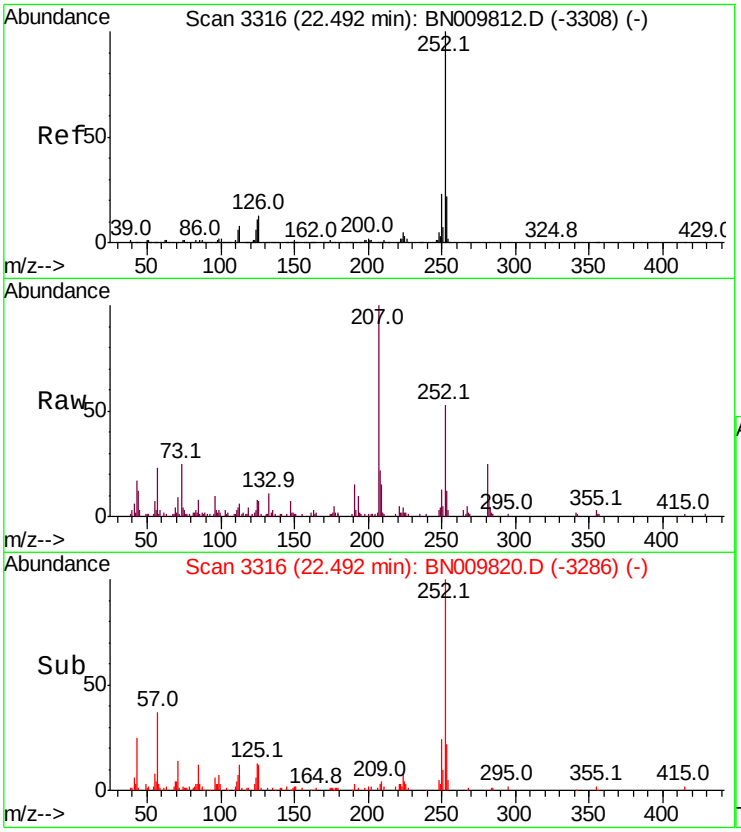


#85
Chrysene
Concen: 1.127 ng/ul
RT: 21.04 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BN009820.D
Acq: 21 Feb 2020 22:42

Tgt Ion:228 Resp: 43006

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	19.2	15.0	22.4





#88
Benzo(b)fluoranthene
Concen: 1.486 ng/ul
RT: 22.49 min Scan# 3316
Delta R.T. -0.02 min
Lab File: BN009820.D
Acq: 21 Feb 2020 22:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 58219

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	15.8	8.0	12.0#