Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\

Quantitation Report (Not Reviewed)

Data File : BG042043.D
Acq On : 7 Aug 2019 22:43
Operator : HP/JU
Sample : K4029-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ8

Quant Time: Aug 08 01:41:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	74435	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	312692	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	221099	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	482332	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	470312	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	552296	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	6981	4.10	ng/uL	0.00
5) Phenol-d5	7.18	99	158907	27.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	89631	27.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	149787	29.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	132862	27.09	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	77342	32.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	96618	35.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	166333	30.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	172137	28.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	562987	32.83	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	627989	32.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	59940	20.82	ng/ul	0.00
57) Fluorene-d10	15.68	176	491899	32.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	83694	27.05	ng/ul	0.00
70) Anthracene-d10	17.54	188	748337	32.34	ng/ul	0.00
78) Pyrene-d10	19.83	212	821973	31.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	901950	31.26	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.13	163	154307	9.063	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	29546	5.487	ng/ul#	42
76) Fluoranthene	19.49	202	51299	1.681	ng/ul	98
79) Pyrene	19.85	202	50664	1.601	ng/ul#	96
84) Chrysene	21.77	228	31083	1.021	ng/ul	98
87) Benzo(b)fluoranthene	23.95	252	42646	1.230	ng/ul	98
88) Benzo(k)fluoranthene	23.95	252	42646	1.280	ng/ul	98

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

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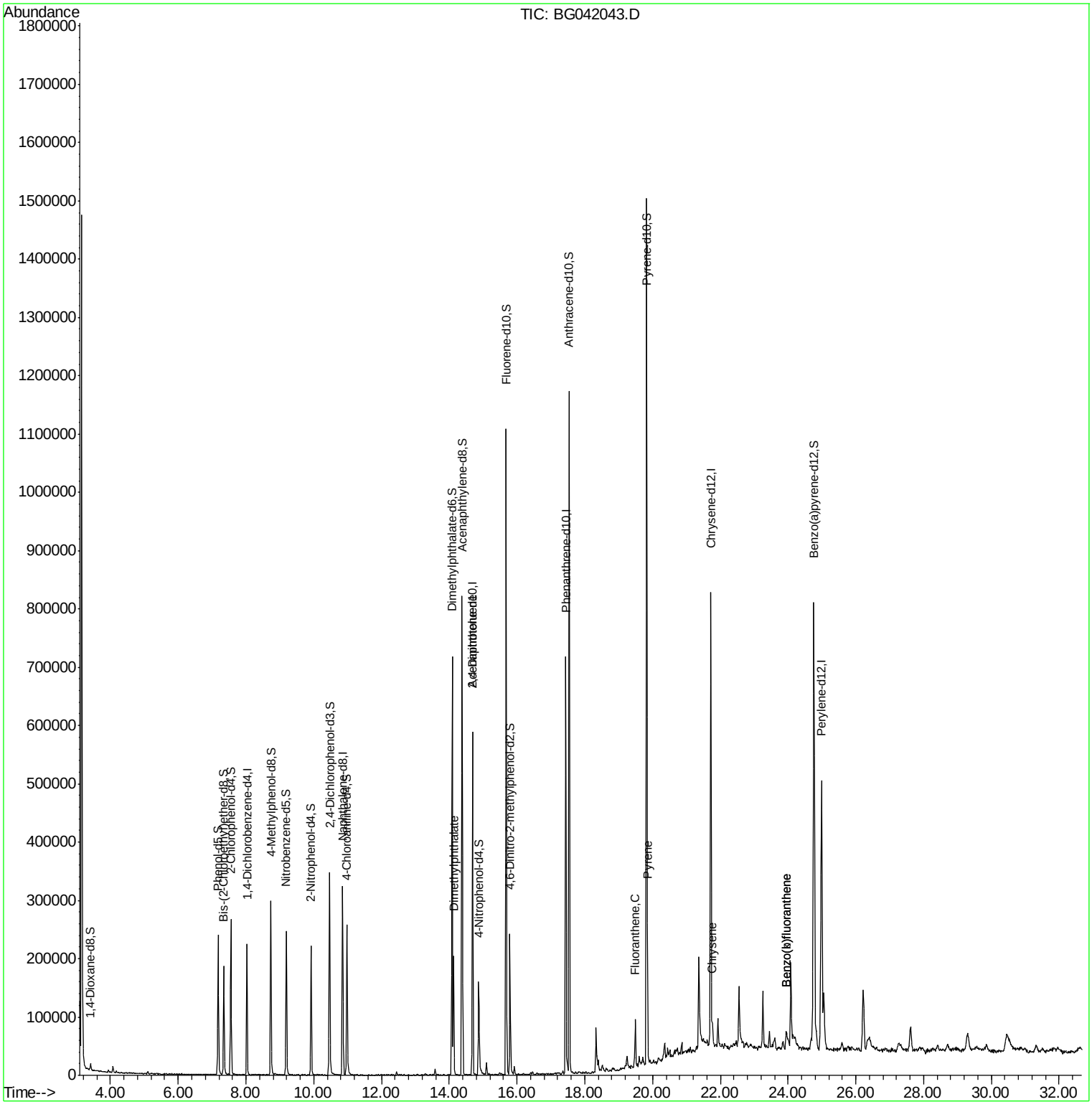
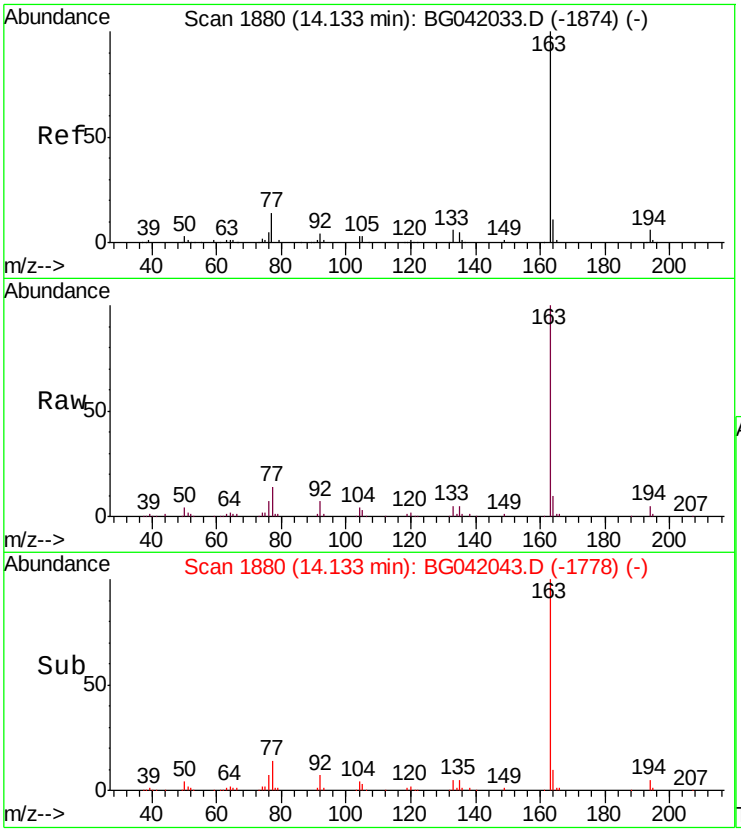


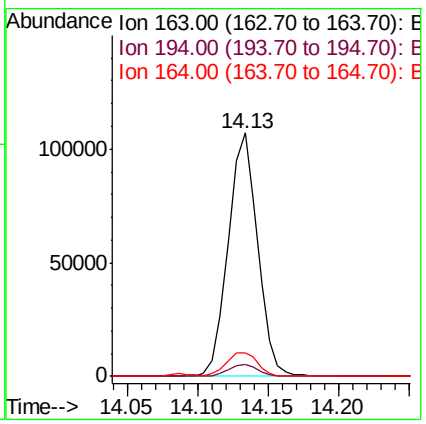


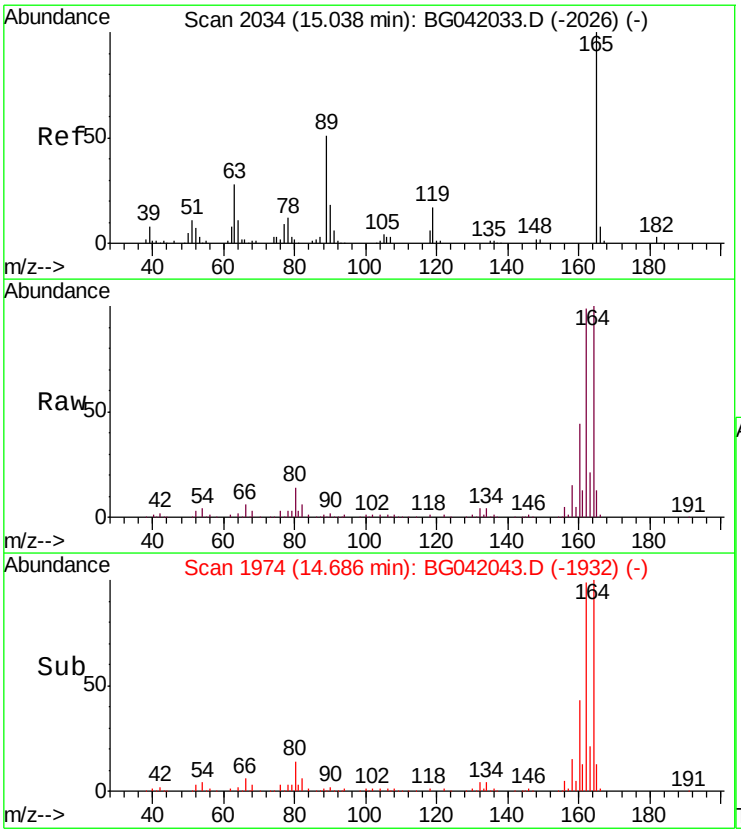
#44
Dimethylphthalate
Concen: 9.063 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042043.D
Acq: 7 Aug 2019 22:43

Instrument :
BNA_G
ClientSampleId :
BENQ8

Tgt Ion:163 Resp: 154307

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	9.6	7.8	11.8

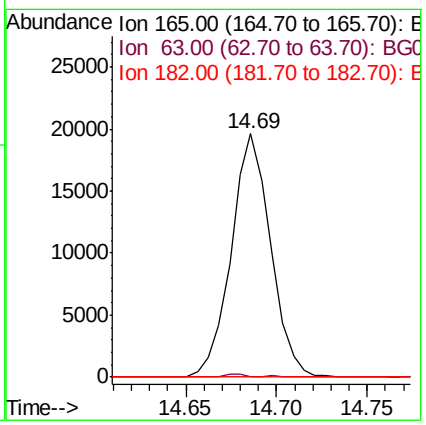


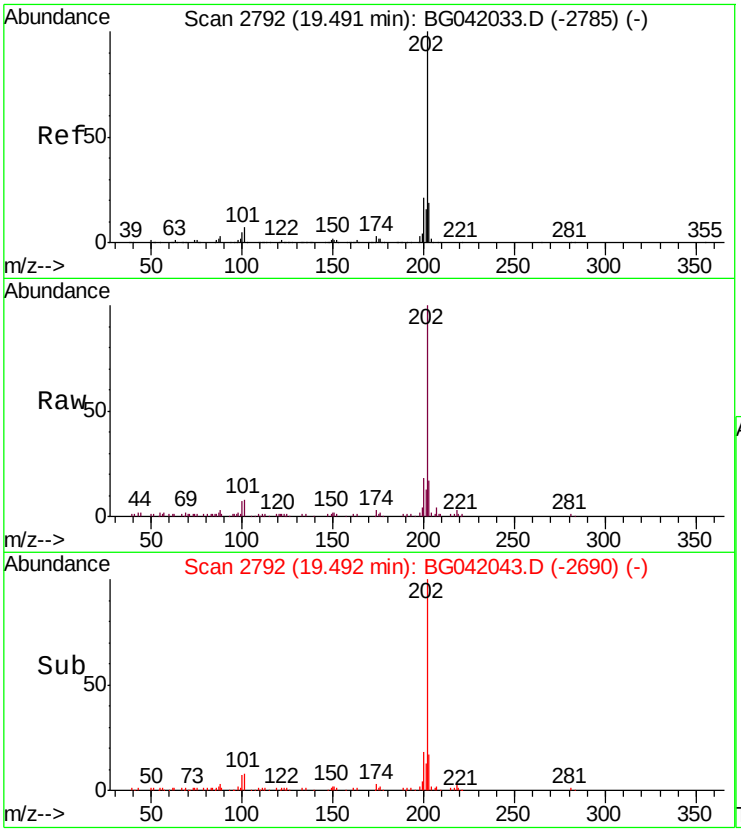


#54
2,4-Dinitrotoluene
Concen: 5.487 ng/ul
RT: 14.69 min Scan# 1974
Delta R.T. -0.35 min
Lab File: BG042043.D
Acq: 7 Aug 2019 22:43

Tgt Ion:165 Resp: 29546

Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.4	44.2#
182	0.0	2.6	4.0#



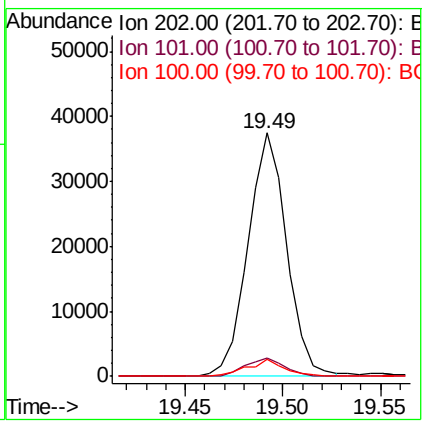


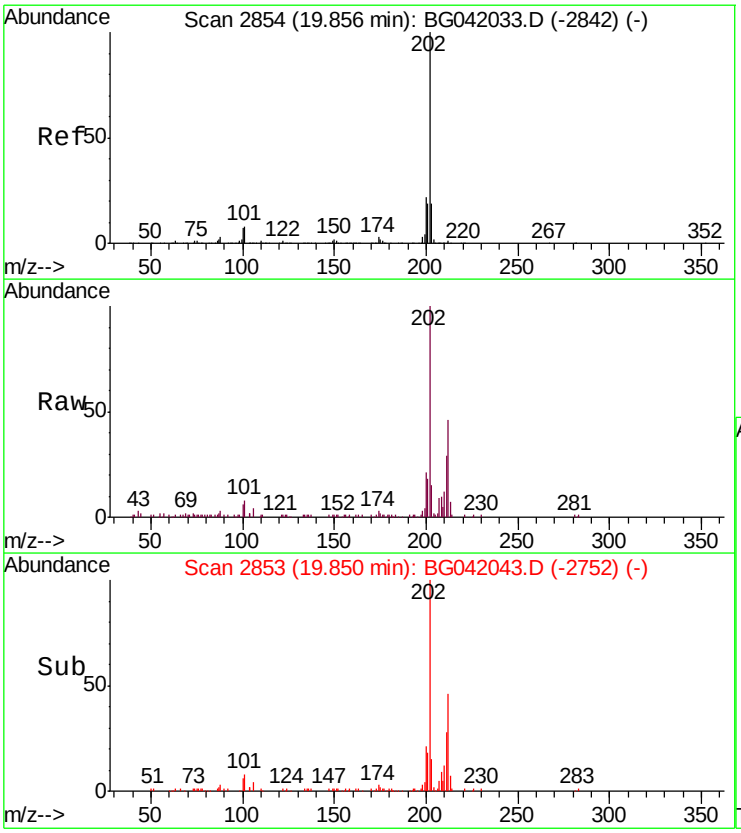
#76
Fluoranthene
Concen: 1.681 ng/ul
RT: 19.49 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BG042043.D
Acq: 7 Aug 2019 22:43

Instrument :
BNA_G
ClientSampleId :
BENQ8

Tgt Ion:202 Resp: 51299

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.7	10.1
100	7.3	5.3	7.9

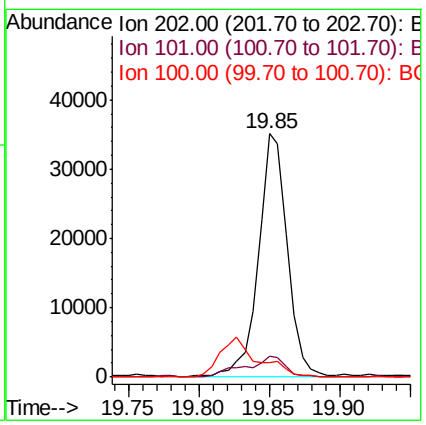


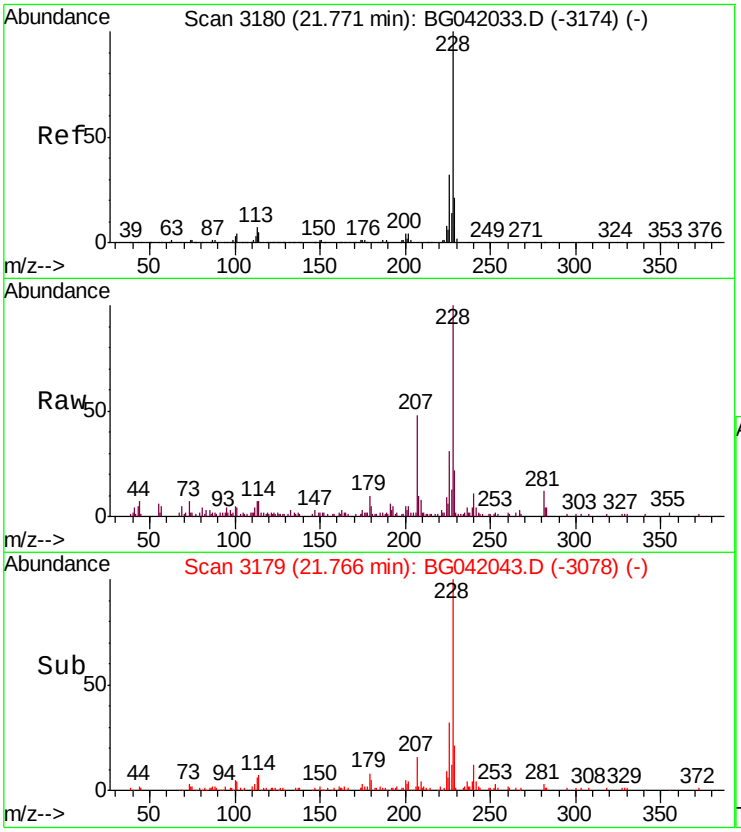


#79
Pyrene
Concen: 1.601 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BG042043.D
Acq: 7 Aug 2019 22:43

Tgt Ion:202 Resp: 50664

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.6	11.4
100	6.2	6.5	9.7#



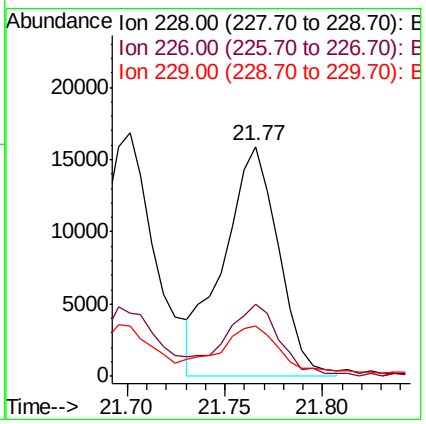


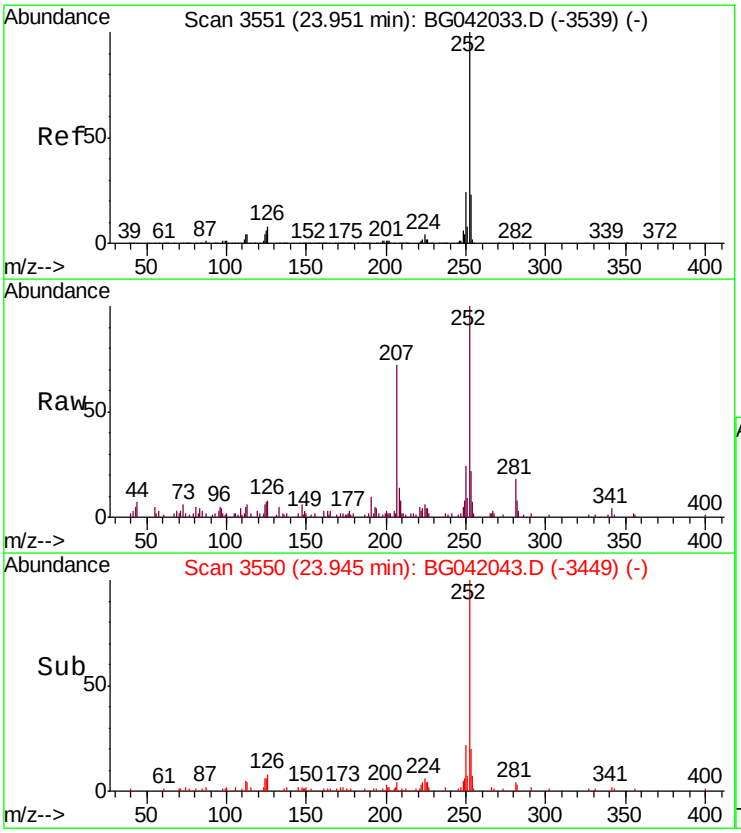
#84
Chrysene
Concen: 1.021 ng/ul
RT: 21.77 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BG042043.D
Acq: 7 Aug 2019 22:43

Instrument :
BNA_G
ClientSampleId :
BENQ8

Tgt Ion:228 Resp: 31083

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.7	38.5
229	21.9	16.6	24.8

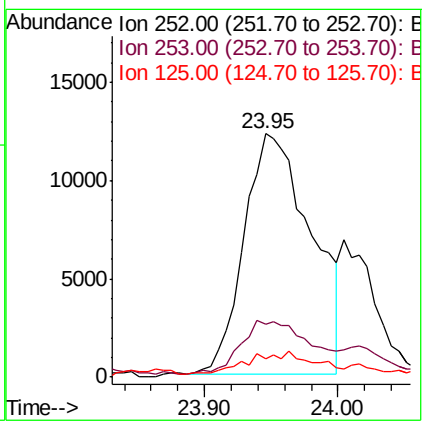


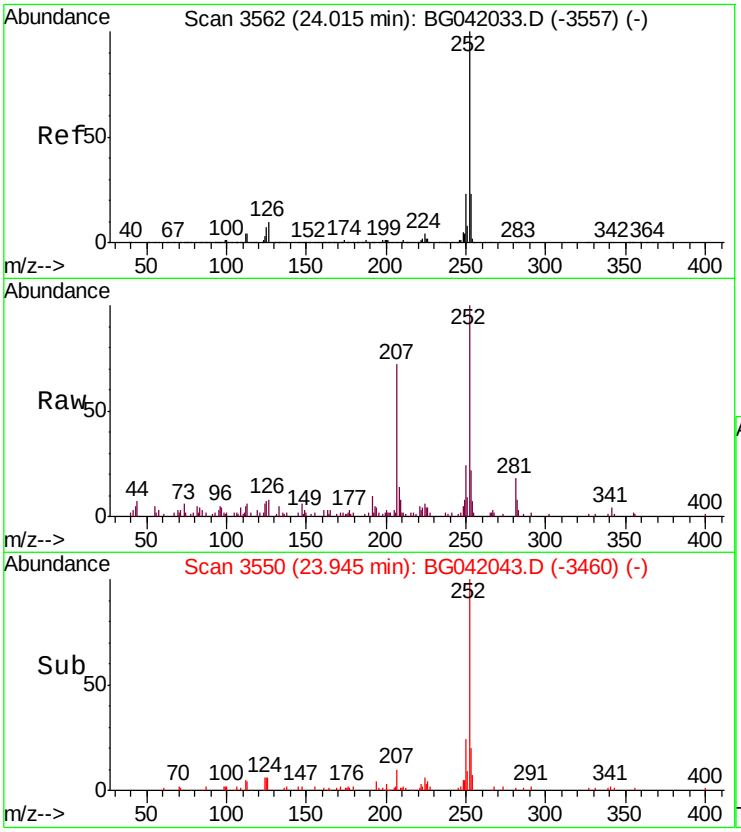


#87
Benzo(b)fluoranthene
Concen: 1.230 ng/ul
RT: 23.95 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BG042043.D
Acq: 7 Aug 2019 22:43

Tgt Ion:252 Resp: 42646

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	7.3	5.8	8.8





#88
Benzo(k)fluoranthene
Concen: 1.280 ng/ul
RT: 23.95 min Scan# 3550
Delta R.T. -0.07 min
Lab File: BG042043.D
Acq: 7 Aug 2019 22:43

Instrument :
BNA_G
ClientSampleId :
BENQ8

Tgt Ion:252 Resp: 42646

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	7.3	5.5	8.3