Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
Data File : BG031143.D
Acq On : 20 Nov 2017 22:52
Operator : SJ/JU
Sample : I6475-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0G50

Quant Time: Nov 21 07:08:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 07:04:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	64474	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	303443	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	203363	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	482996	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	507165	20.00	ng/ul	0.00
23) Perylene-d12	25.07	264	514073	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	153246	26.77	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	696406	32.93	ng/ul	0.00
10) Fluorene-d10	15.74	176	515731	30.36	ng/ul	0.00
15) Anthracene-d10	17.60	188	784538	32.45	ng/ul	0.00
19) Pyrene-d10	19.87	212	895919	38.67	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	856844	33.69	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.54	178	30639	1.18	ng/ul	98
17) Fluoranthene	19.54	202	62416	1.73	ng/ul#	89
20) Pyrene	19.90	202	65234	2.42	ng/ul#	86
21) Benzo(a)anthracene	21.75	228	53900	1.74	ng/ul	97
22) Chrysene	21.82	228	57812	1.97	ng/ul	92
24) Benzo(b)fluoranthene	24.09	252	34031	1.10	ng/ul	95
25) Benzo(k)fluoranthene	24.09	252	34107	1.11	ng/ul	94
27) Benzo(a)pyrene	24.77	252	56342	1.89	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.85	276	73941	2.18	ng/ul#	92
30) Benzo(g,h,i)perylene	30.04	276	68940	2.44	ng/ul#	90

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

Quantitation Report (Not Reviewed)

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Data File : BG031143.D
Acq On : 20 Nov 2017 22:52
Operator : SJ/JU
Sample : I6475-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0G50

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
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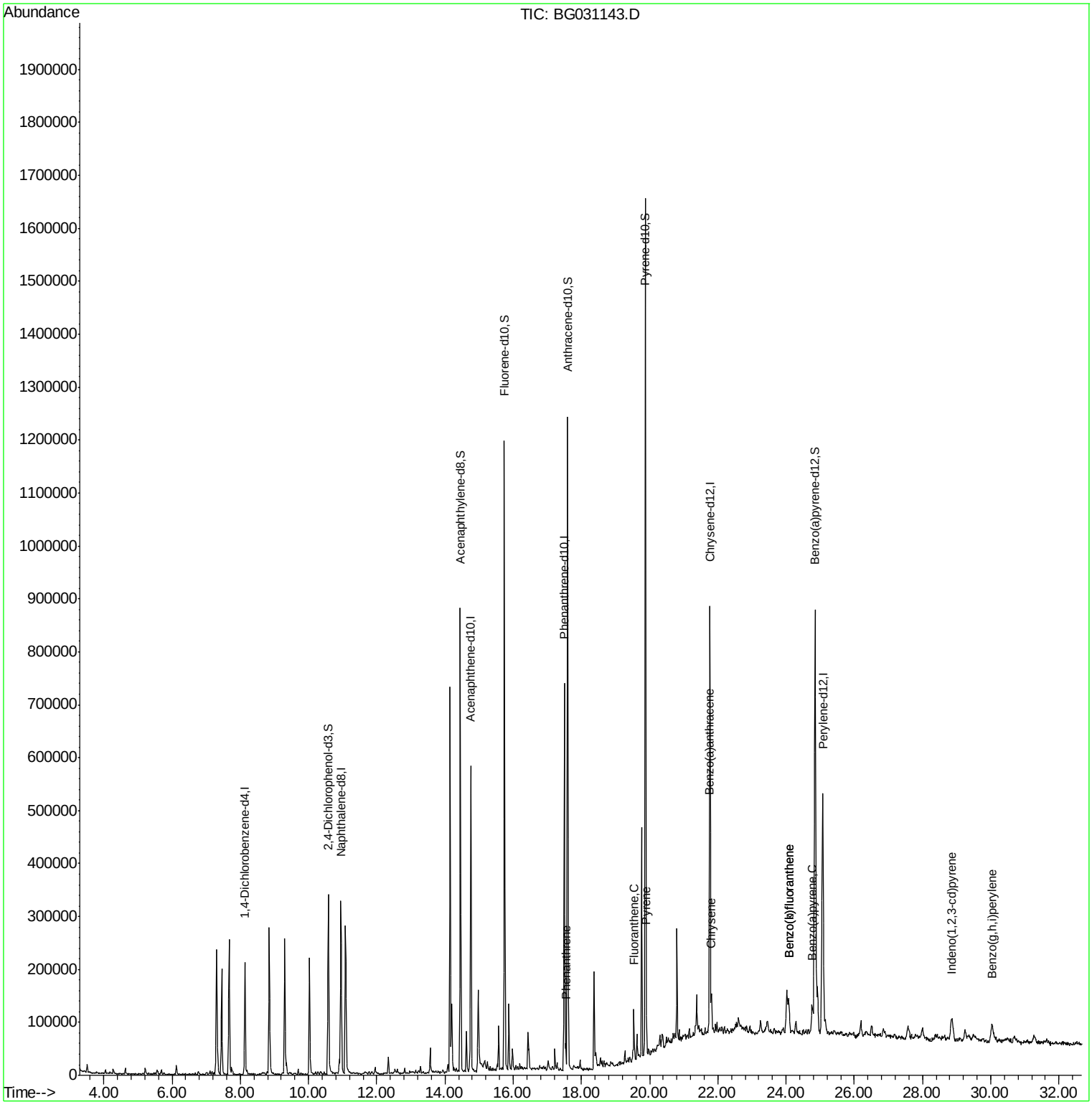
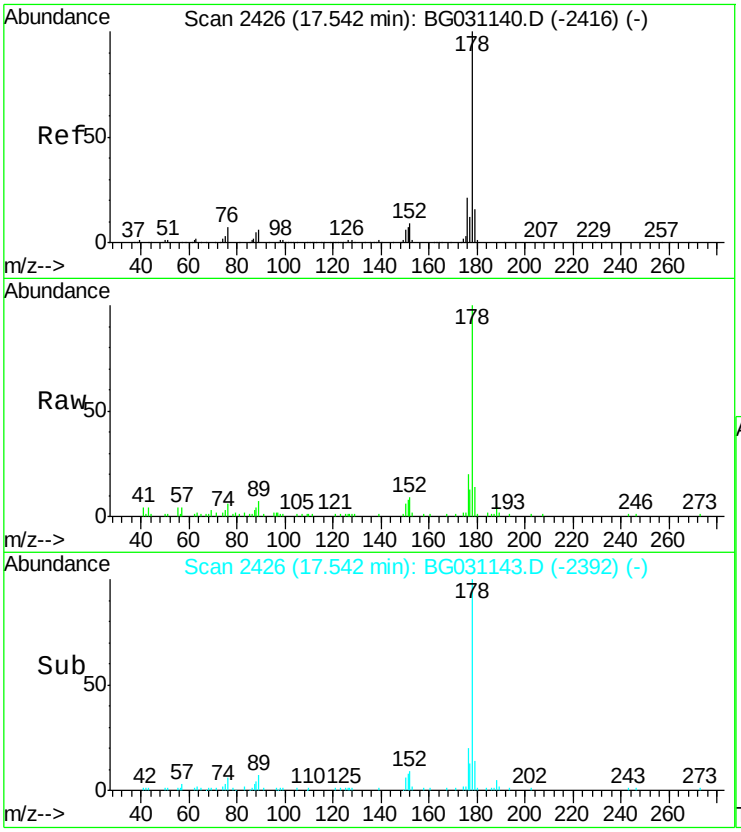


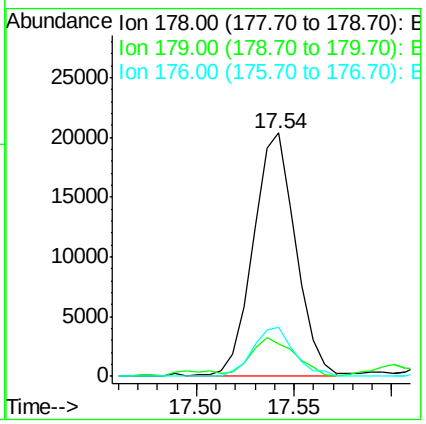


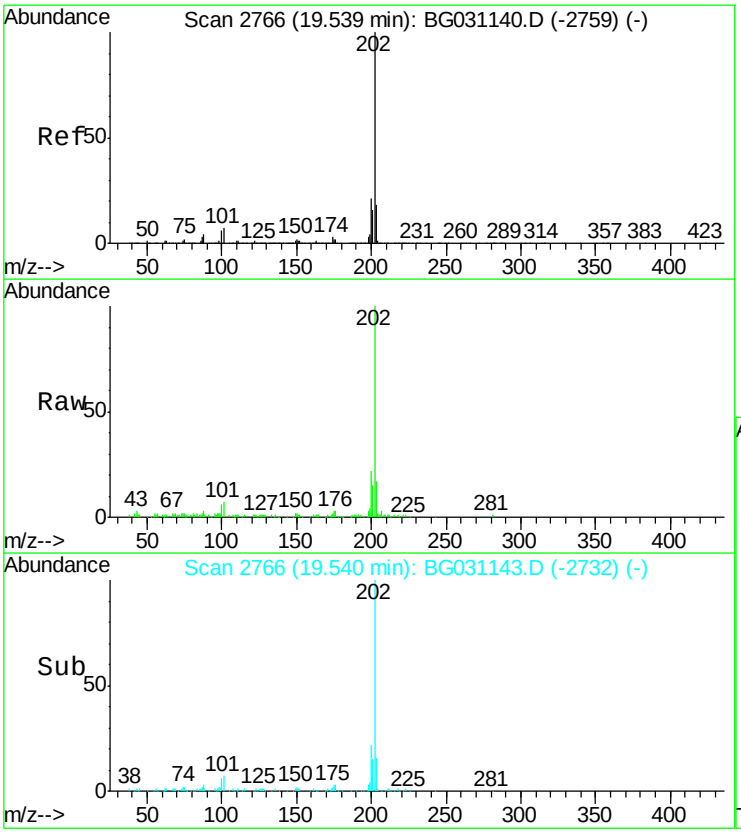
#14
Phenanthrene
Concen: 1.18 ng/ul
RT: 17.54 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG031143.D
Acq: 20 Nov 2017 22:52

Instrument :
BNA_G
ClientSampleId :
B0G50

Tgt Ion:178 Resp: 30639

Ion	Ratio	Lower	Upper
178	100		
179	13.6	12.2	18.4
176	20.2	16.4	24.6

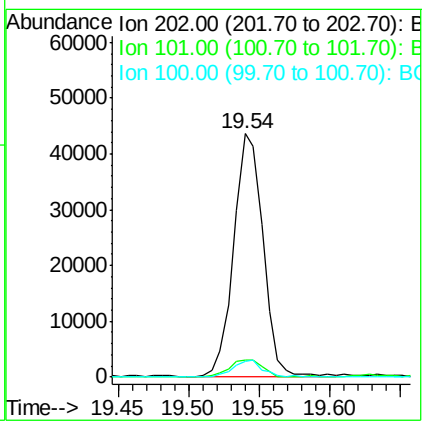


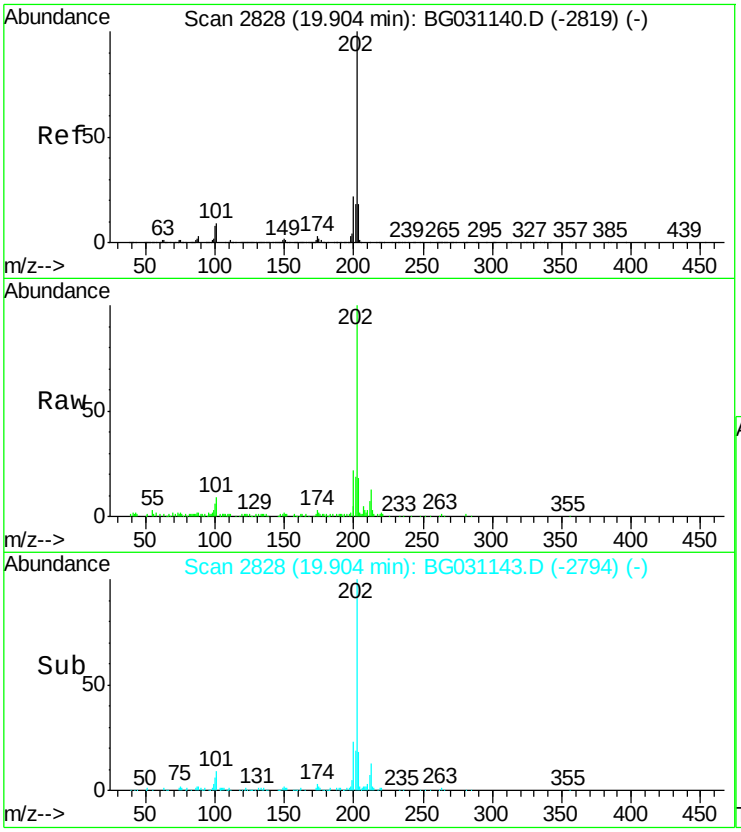


#17
Fluoranthene
Concen: 1.73 ng/ul
RT: 19.54 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BG031143.D
Acq: 20 Nov 2017 22:52

Tgt Ion:202 Resp: 62416

Ion	Ratio	Lower	Upper
202	100		
101	7.2	9.8	14.8#
100	6.4	7.5	11.3#



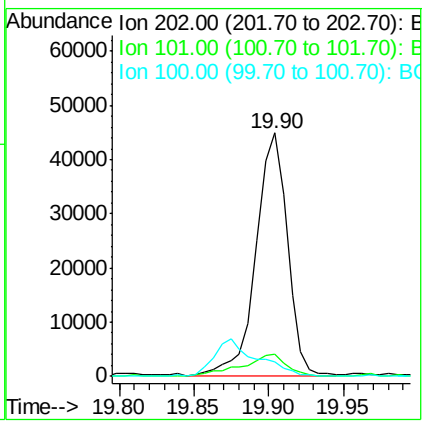


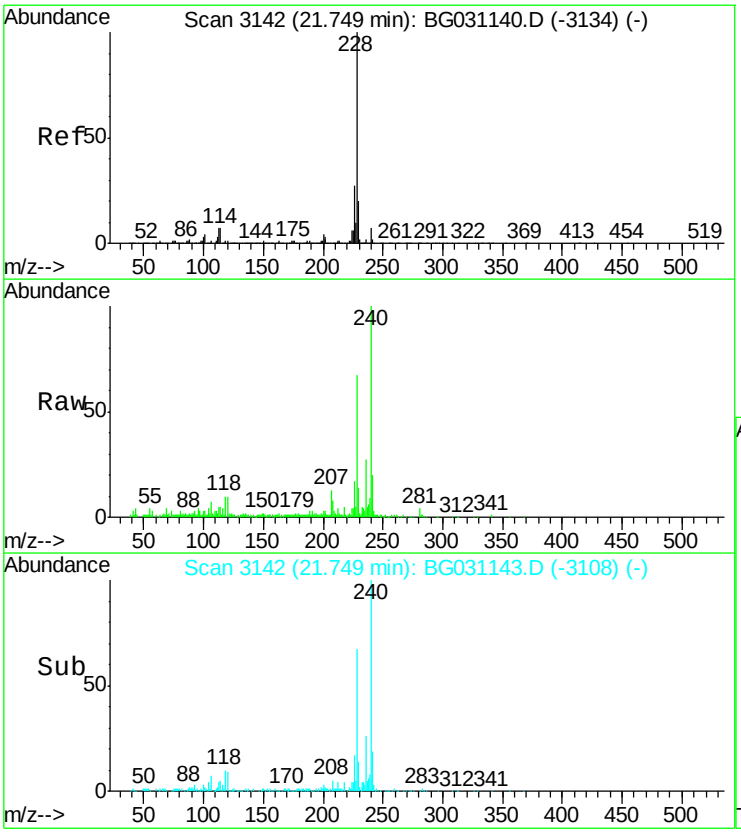
#20
Pyrene
Concen: 2.42 ng/ul
RT: 19.90 min Scan# 2828
Delta R.T. 0.00 min
Lab File: BG031143.D
Acq: 20 Nov 2017 22:52

Instrument :
BNA_G
ClientSampleId :
B0G50

Tgt Ion:202 Resp: 65234

Ion	Ratio	Lower	Upper
202	100		
101	9.0	11.2	16.8#
100	6.0	9.8	14.6#

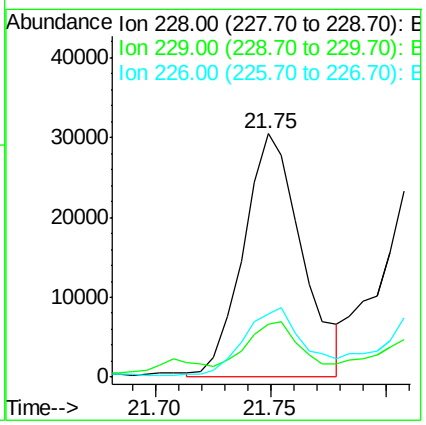


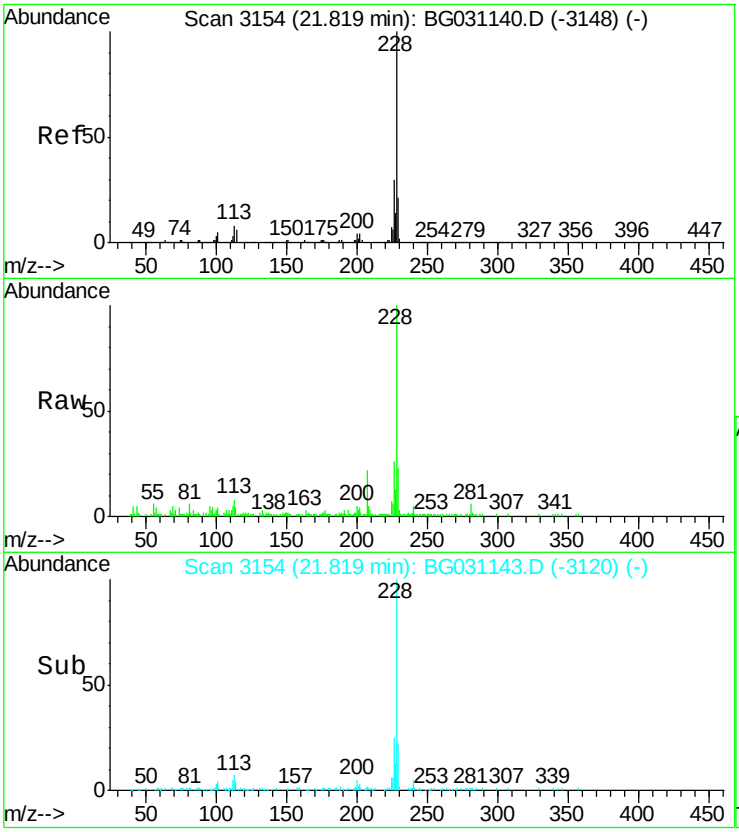


#21
Benzo(a)anthracene
Concen: 1.74 ng/ul
RT: 21.75 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG031143.D
Acq: 20 Nov 2017 22:52

Tgt Ion:228 Resp: 53900

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.9	23.9
226	26.0	22.1	33.1



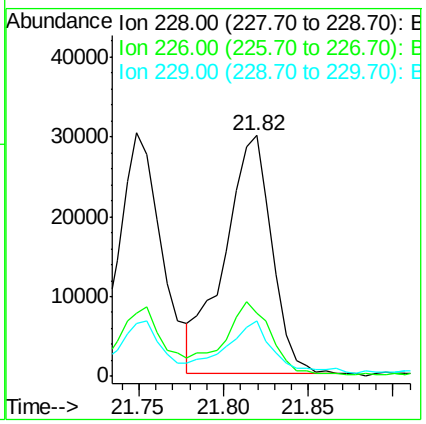


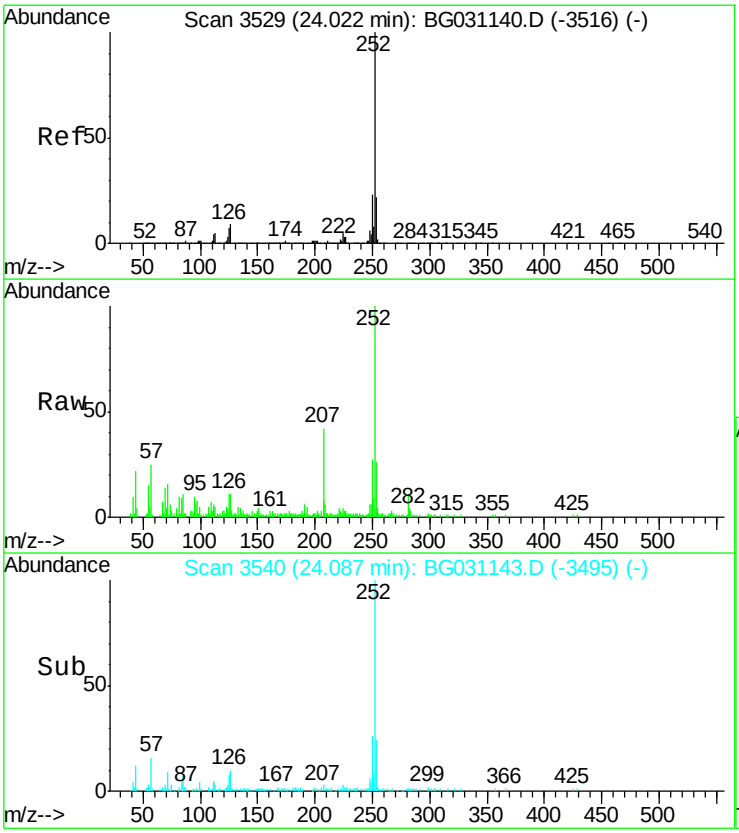
#22
Chrysene
Concen: 1.97 ng/ul
RT: 21.82 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG031143.D
Acq: 20 Nov 2017 22:52

Instrument :
BNA_G
ClientSampleId :
B0G50

Tgt Ion:228 Resp: 57812

Ion	Ratio	Lower	Upper
228	100		
226	26.2	25.0	37.6
229	23.2	16.6	25.0

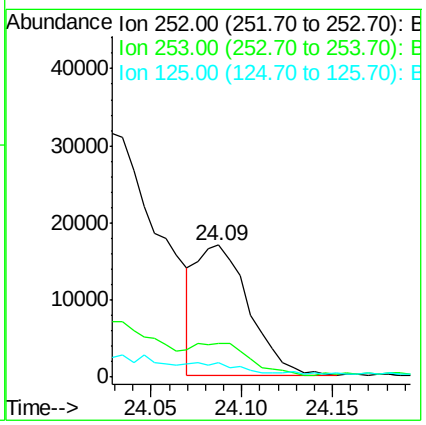


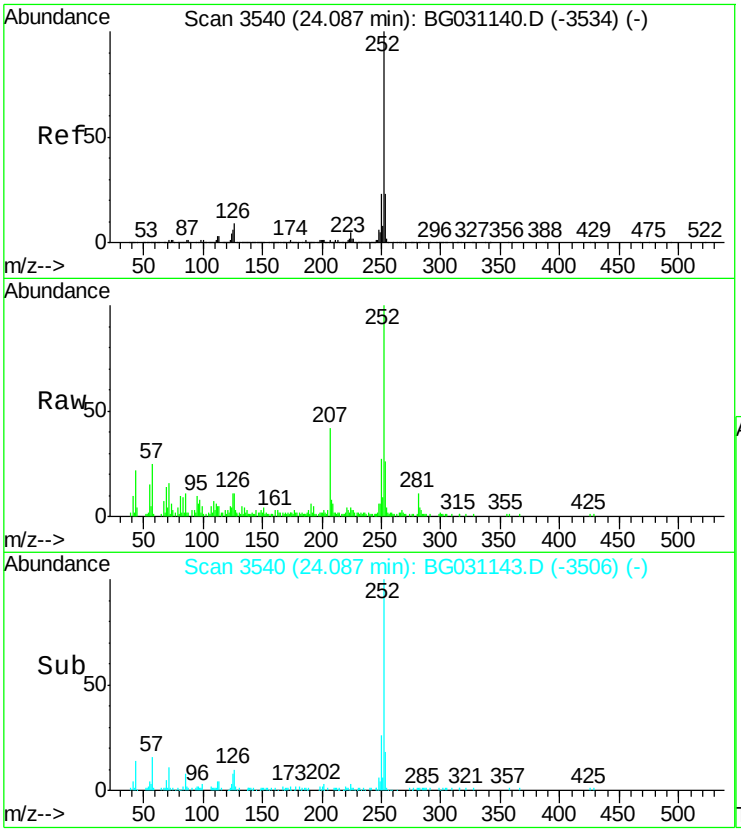


#24
Benzo(b)fluoranthene
Concen: 1.10 ng/ul
RT: 24.09 min Scan# 3540
Delta R.T. 0.06 min
Lab File: BG031143.D
Acq: 20 Nov 2017 22:52

Tgt Ion:252 Resp: 34031

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.6
125	11.2	9.4	14.0



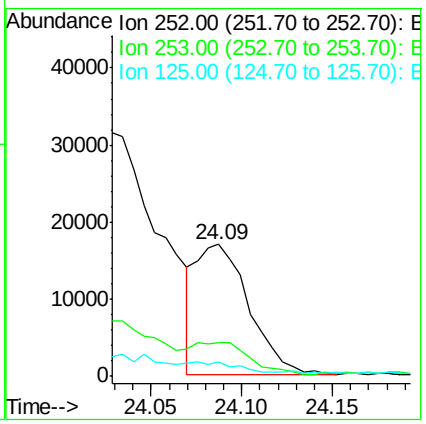


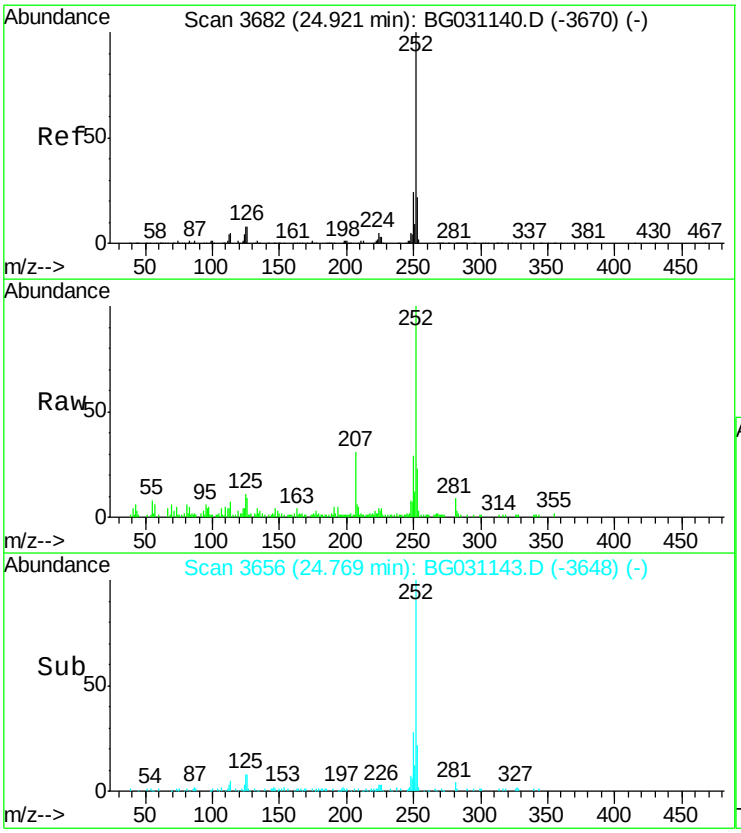
#25
Benzo(k)fluoranthene
Concen: 1.11 ng/ul
RT: 24.09 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG031143.D
Acq: 20 Nov 2017 22:52

Instrument :
BNA_G
ClientSampleId :
B0G50

Tgt Ion:252 Resp: 34107

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.4	26.2
125	11.2	8.8	13.2

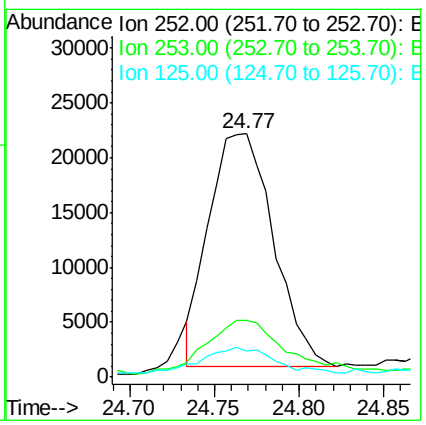


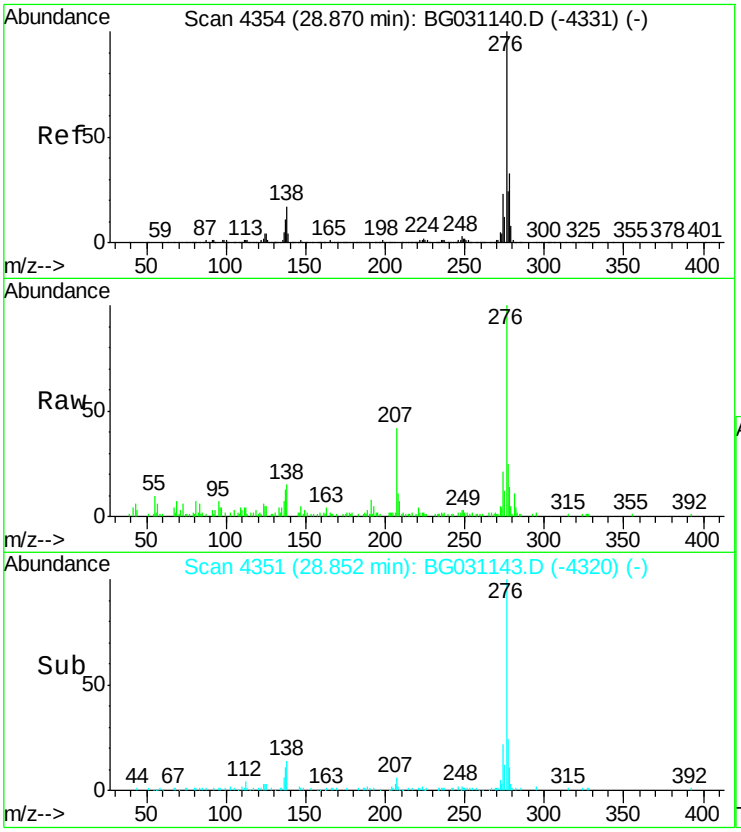


#27
Benzo(a)pyrene
Concen: 1.89 ng/ul
RT: 24.77 min Scan# 3656
Delta R.T. -0.15 min
Lab File: BG031143.D
Acq: 20 Nov 2017 22:52

Tgt Ion:252 Resp: 56342

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	10.6	9.4	14.2



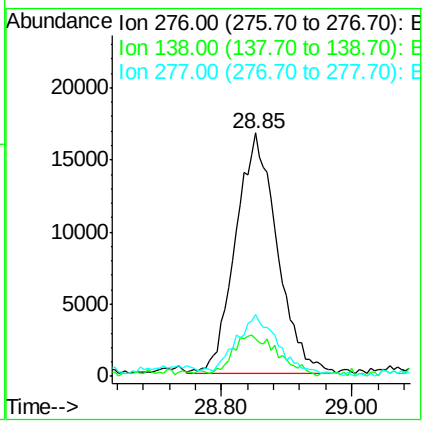


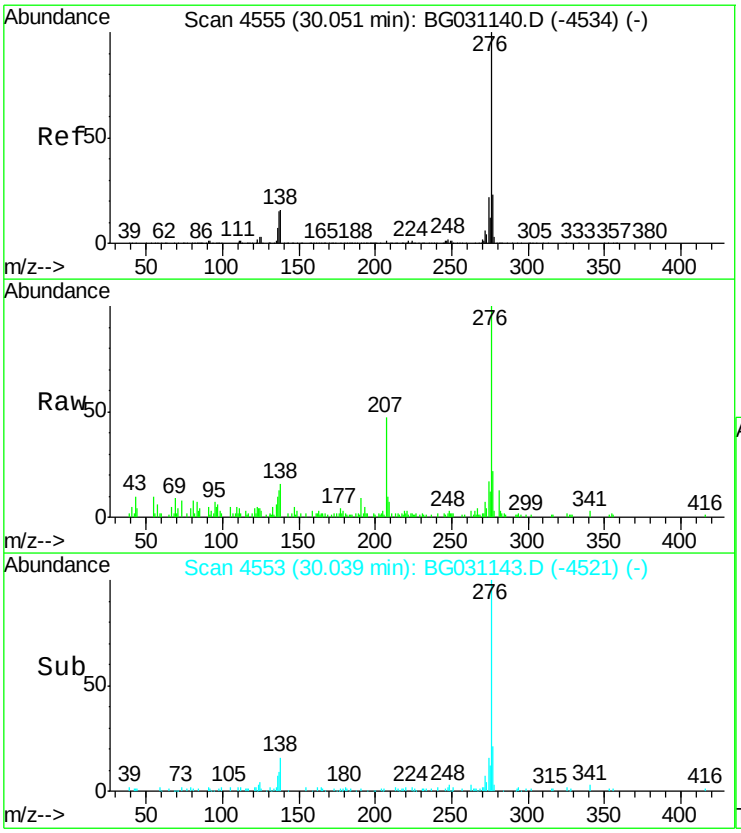
#28
Indeno(1,2,3-cd)pyrene
Concen: 2.18 ng/ul
RT: 28.85 min Scan# 4351
Delta R.T. -0.02 min
Lab File: BG031143.D
Acq: 20 Nov 2017 22:52

Instrument :
BNA_G
ClientSampleId :
B0G50

Tgt Ion:276 Resp: 73941

Ion	Ratio	Lower	Upper
276	100		
138	15.2	17.8	26.6#
277	25.4	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 2.44 ng/ul
RT: 30.04 min Scan# 4553
Delta R.T. -0.01 min
Lab File: BG031143.D
Acq: 20 Nov 2017 22:52

Tgt Ion:276 Resp: 68940

Ion	Ratio	Lower	Upper
276	100		
138	16.3	19.0	28.4#
277	22.4	19.7	29.5