Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019244.D
Acq On : 19 Oct 2015 16:51
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

Quant Time: Oct 20 04:09:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 04:07:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-8.00
18) Naphthalene-d8	0.00	136	0	0.00	ng/ul	-10.81
36) Acenaphthene-d10	0.00	164	0	0.00	ng/ul	-14.64
62) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.39
78) Chrysene-d12	21.65	240	1187	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	2942	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0	0.00	ng/ul	
79) Pyrene-d10	19.77	212	142	2.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	945	6.36	ng/ul	0.00
Target Compounds						Qvalue
80) Pyrene	19.79	202	505	7.17	ng/ul#	70
81) Butylbenzylphthalate	20.66	149	115	4.49	ng/ul#	65
82) 3,3'-Dichlorobenzidine	21.55	252	411	18.96	ng/ul#	25
83) Benzo(a)anthracene	21.63	228	327	4.88	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.55	149	702	19.83	ng/ul#	10
85) Chrysene	21.69	228	264	4.16	ng/ul#	1
87) Di-n-octyl phthalate	22.75	149	1597	10.20	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	507	3.04	ng/ul#	1
91) Benzo(a)pyrene	24.71	252	840	5.24	ng/ul#	47
92) Indeno(1,2,3-cd)pyrene	28.51	276	1300	6.82	ng/ul#	89
93) Dibenzo(a,h)anthracene	28.57	278	1166	7.02	ng/ul#	77
94) Benzo(g,h,i)perylene	29.65	276	464	2.96	ng/ul#	74

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
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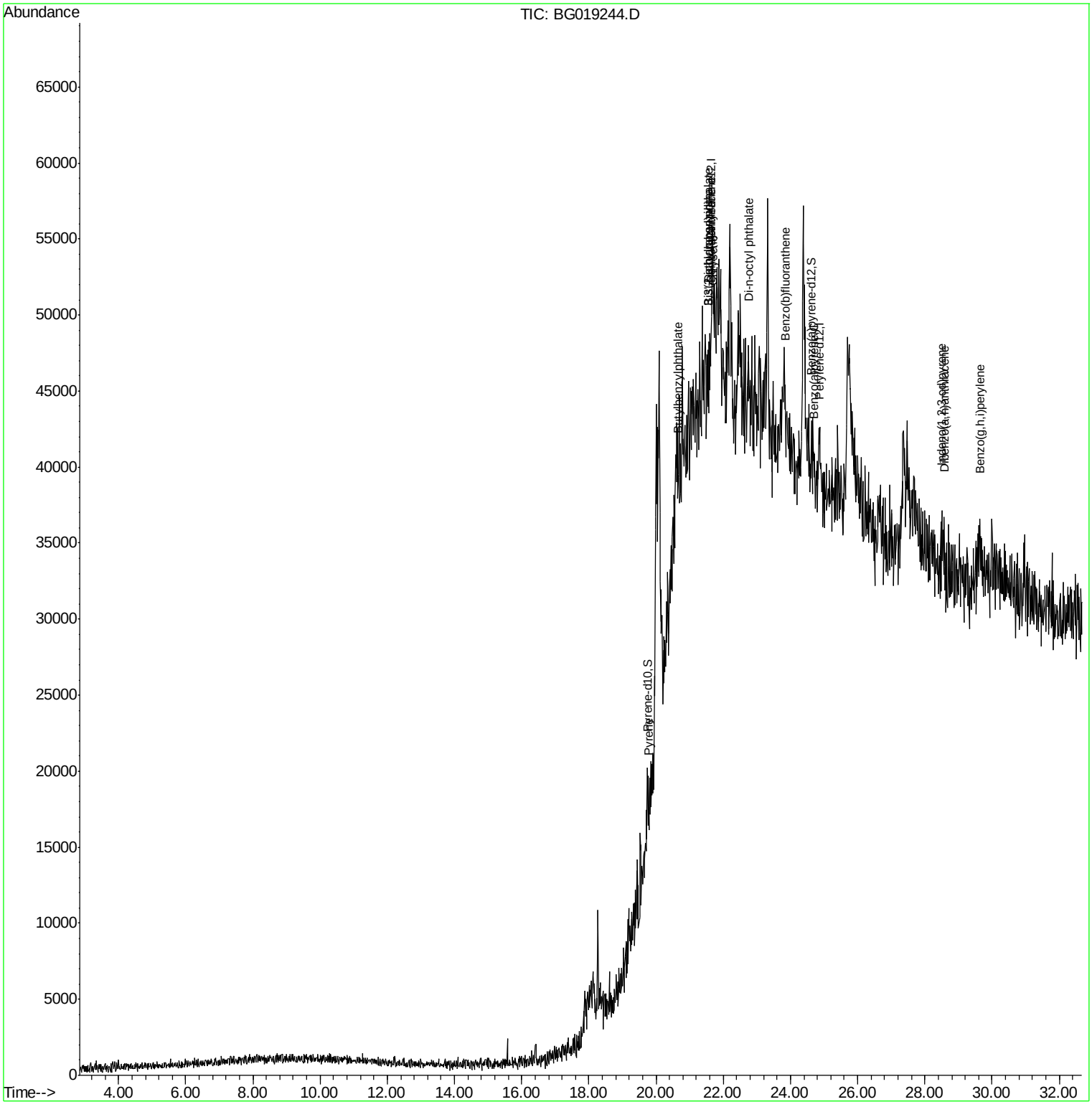
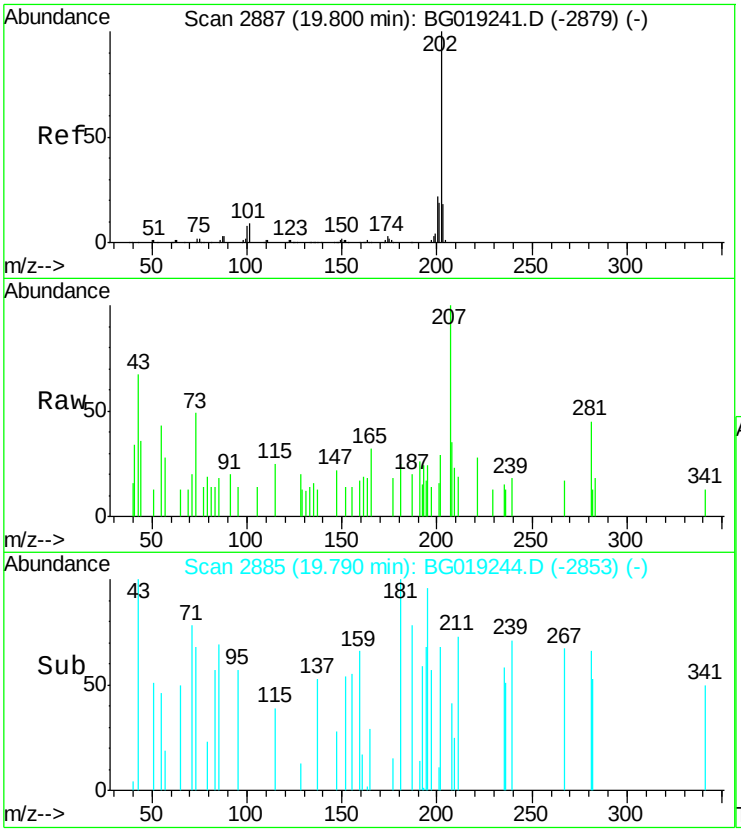
Acq On : 19 Oct 2015 16:51
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK5DL

Quant Time: Oct 20 04:09:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 04:07:05 2015
Response via : Initial Calibration



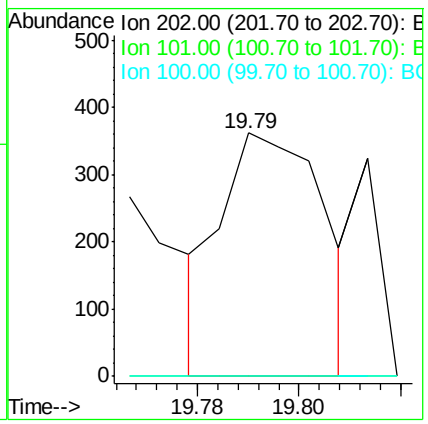


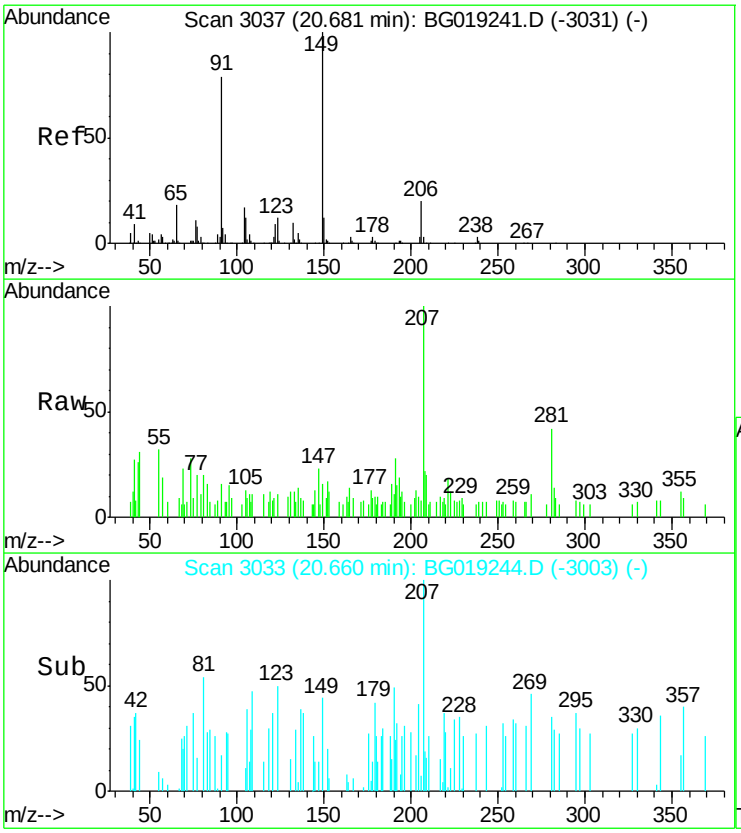
#80
Pyrene
Concen: 7.17 ng/ul
RT: 19.79 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG019244.D
Acq: 19 Oct 2015 16:51

Instrument :
BNA_G
ClientSampleId :
E5LK5DL

Tgt Ion:202 Resp: 505

Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.2	15.2#
100	0.0	8.5	12.7#

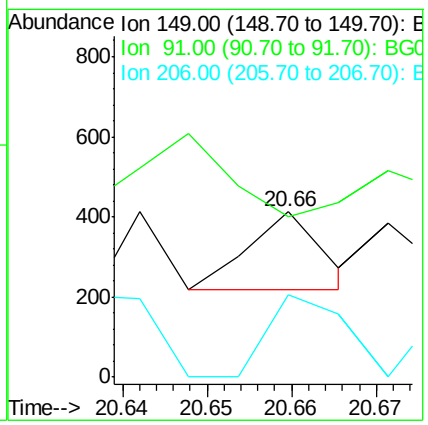


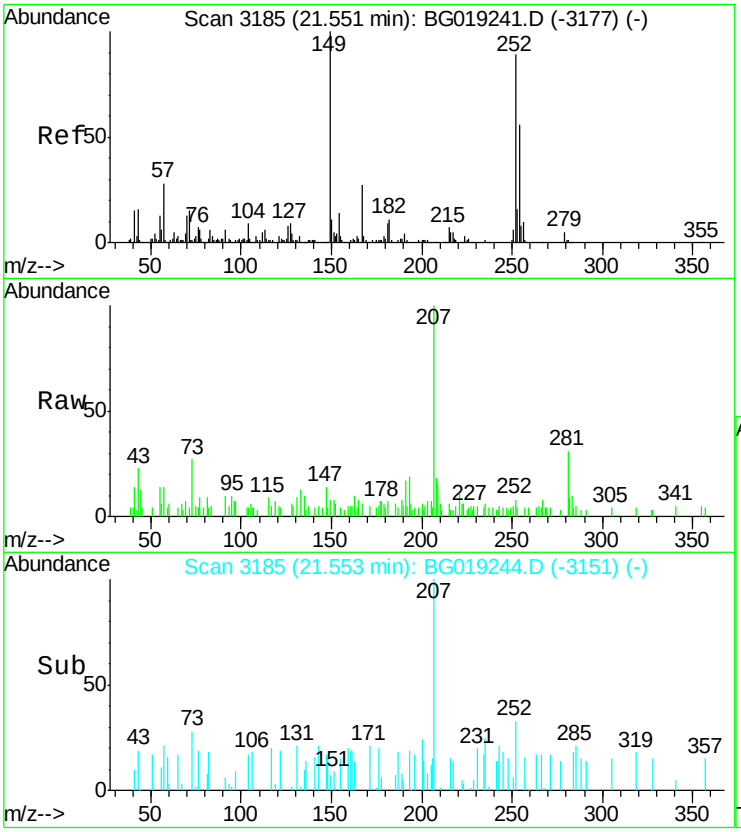


#81
Butylbenzylphthalate
Concen: 4.49 ng/ul
RT: 20.66 min Scan# 3033
Delta R.T. -0.02 min
Lab File: BG019244.D
Acq: 19 Oct 2015 16:51

Tgt Ion:149 Resp: 115

Ion	Ratio	Lower	Upper
149	100		
91	97.3	59.1	88.7#
206	50.1	17.9	26.9#



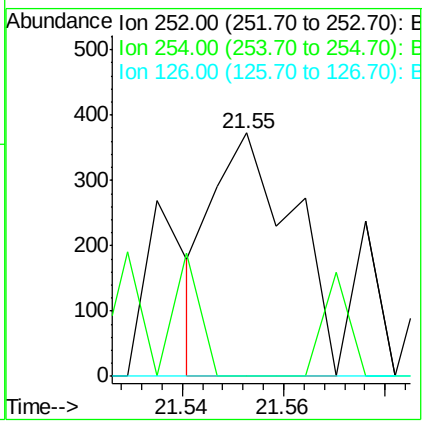


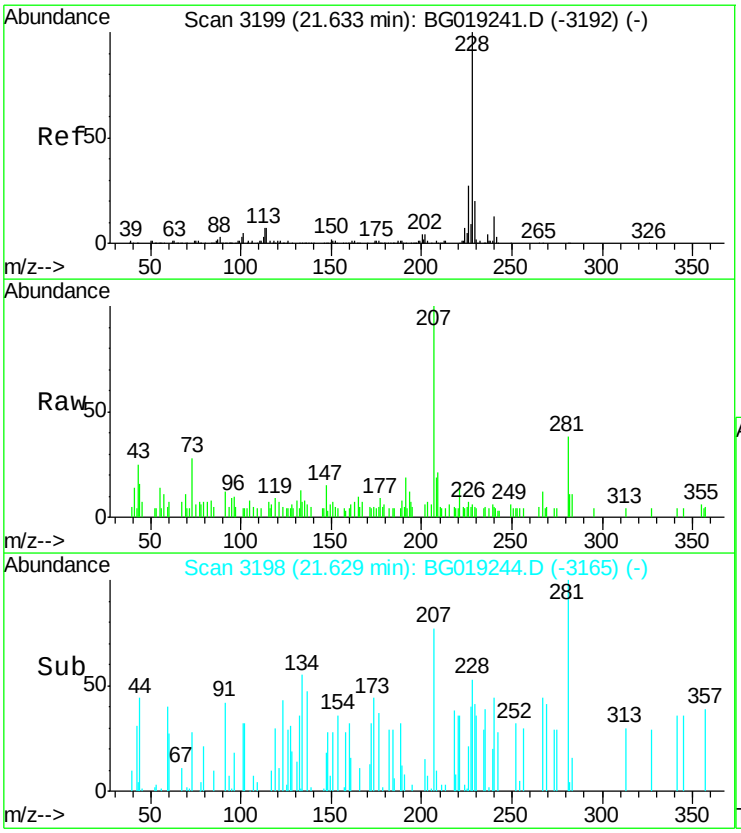
#82
3,3'-Dichlorobenzidine
Concen: 18.96 ng/ul
RT: 21.55 min Scan# 3185
Delta R.T. 0.00 min
Lab File: BG019244.D
Acq: 19 Oct 2015 16:51

Instrument :
BNA_G
ClientSampleId :
E5LK5DL

Tgt Ion:252 Resp: 411

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.0#
126	0.0	7.9	11.9#

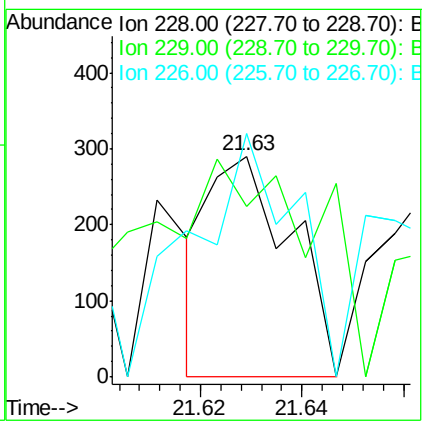


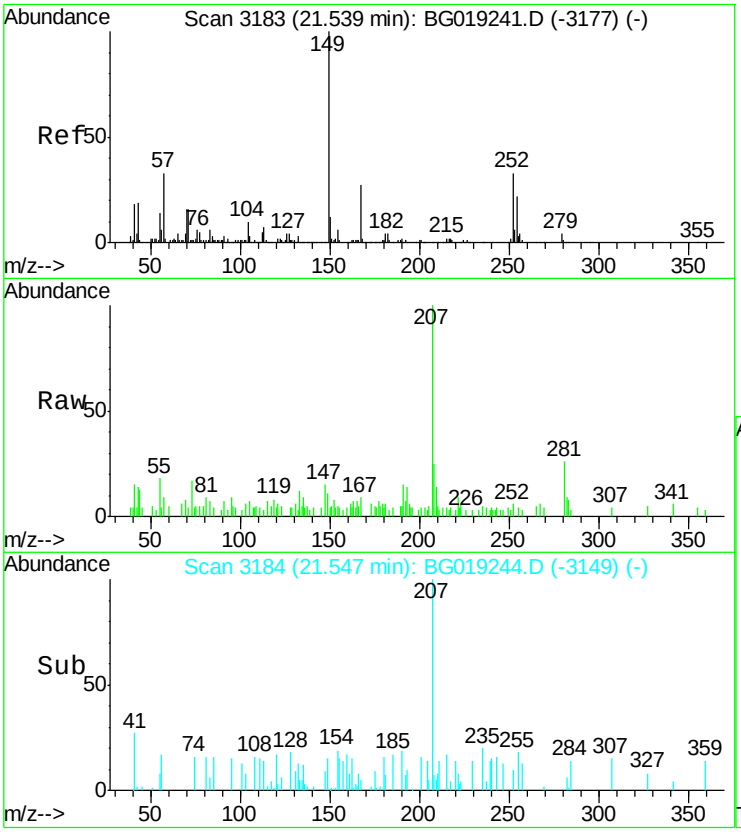


#83
Benzo(a)anthracene
Concen: 4.88 ng/ul
RT: 21.63 min Scan# 3198
Delta R.T. -0.00 min
Lab File: BG019244.D
Acq: 19 Oct 2015 16:51

Tgt Ion:228 Resp: 327

Ion	Ratio	Lower	Upper
228	100		
229	77.2	16.6	24.8#
226	110.3	22.8	34.2#



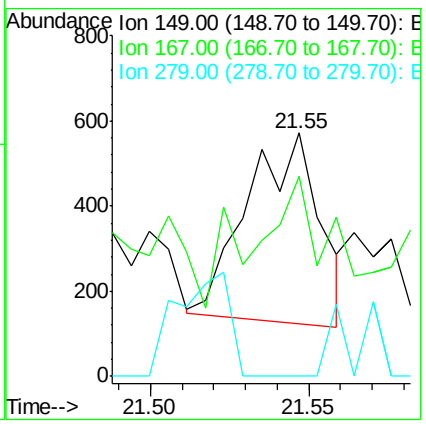


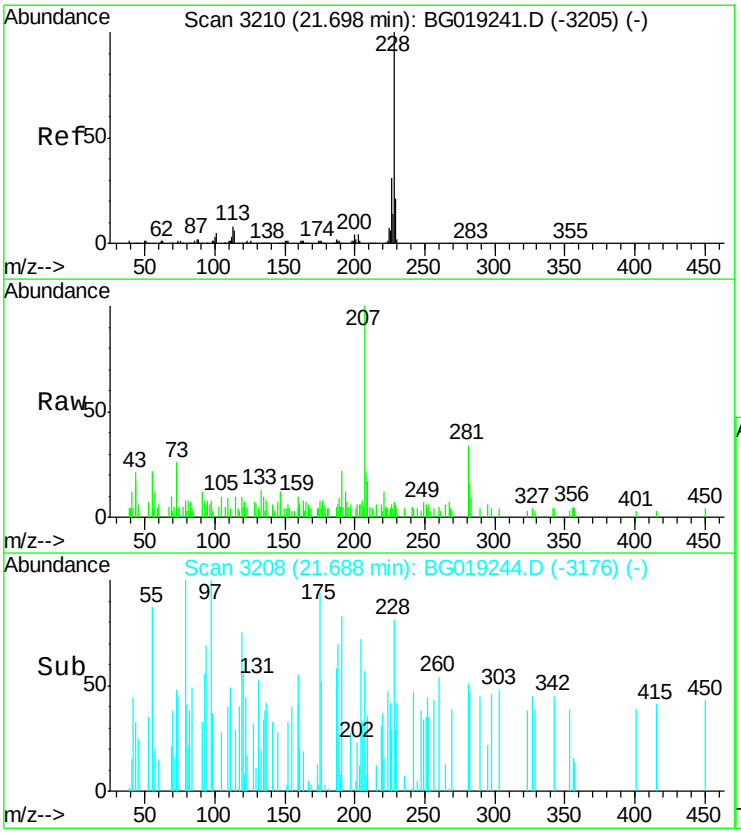
#84
Bis(2-ethylhexyl)phthalate
Concen: 19.83 ng/ul
RT: 21.55 min Scan# 3184
Delta R.T. 0.01 min
Lab File: BG019244.D
Acq: 19 Oct 2015 16:51

Instrument :
BNA_G
ClientSampleId :
E5LK5DL

Tgt Ion:149 Resp: 702

Ion	Ratio	Lower	Upper
149	100		
167	82.2	22.8	34.2#
279	0.0	3.3	4.9#

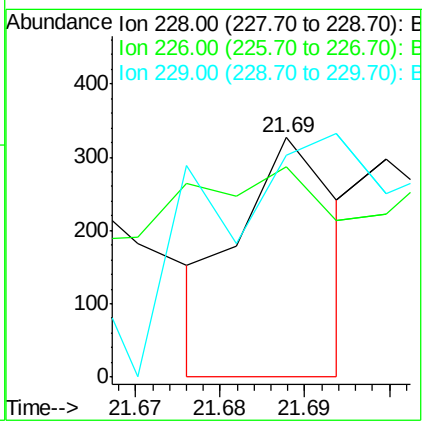


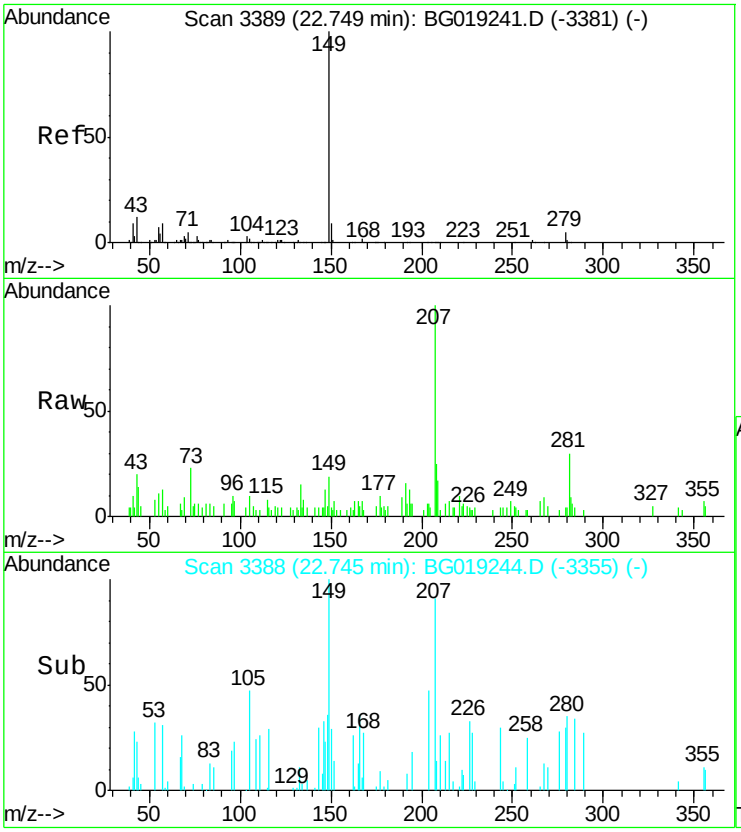


#85
Chrysene
Concen: 4.16 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BG019244.D
Acq: 19 Oct 2015 16:51

Tgt Ion:228 Resp: 264

Ion	Ratio	Lower	Upper
228	100		
226	87.8	24.2	36.2#
229	92.4	15.6	23.4#

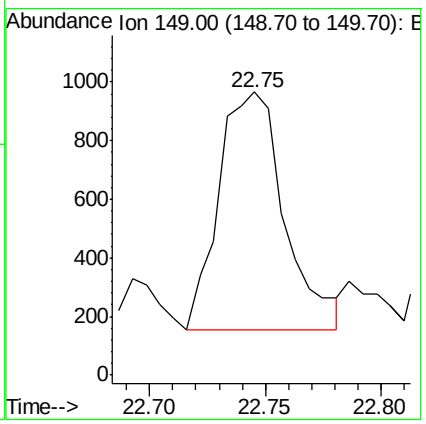


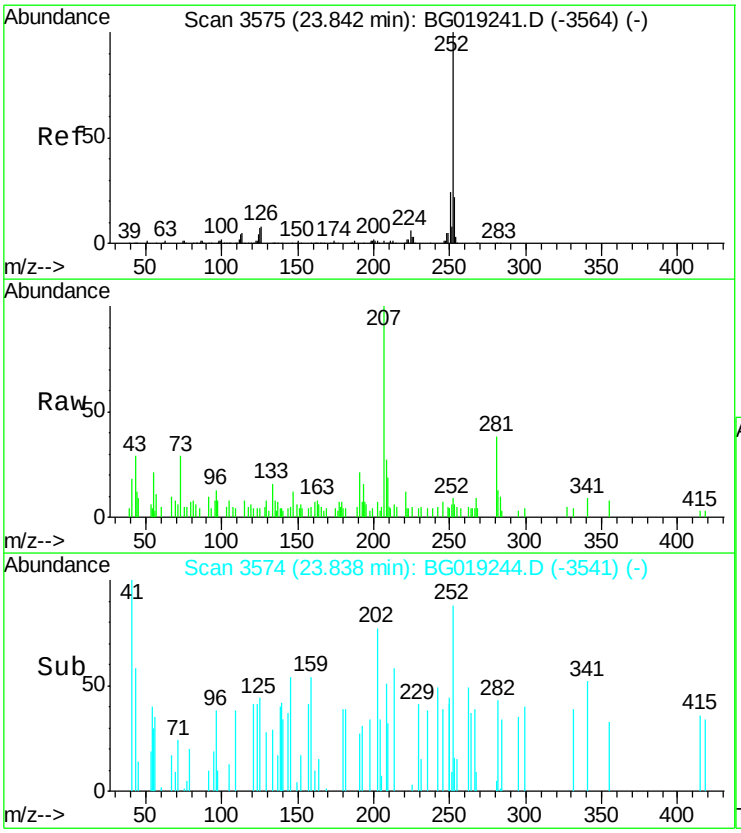


#87
Di-n-octyl phthalate
Concen: 10.20 ng/ul
RT: 22.75 min Scan# 3388
Delta R.T. -0.00 min
Lab File: BG019244.D
Acq: 19 Oct 2015 16:51

Instrument :
BNA_G
ClientSampleId :
E5LK5DL

Tgt Ion:149 Resp: 1597

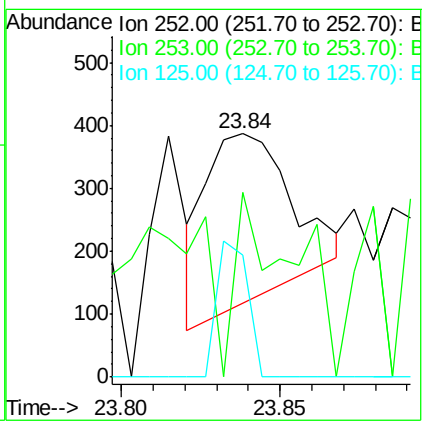


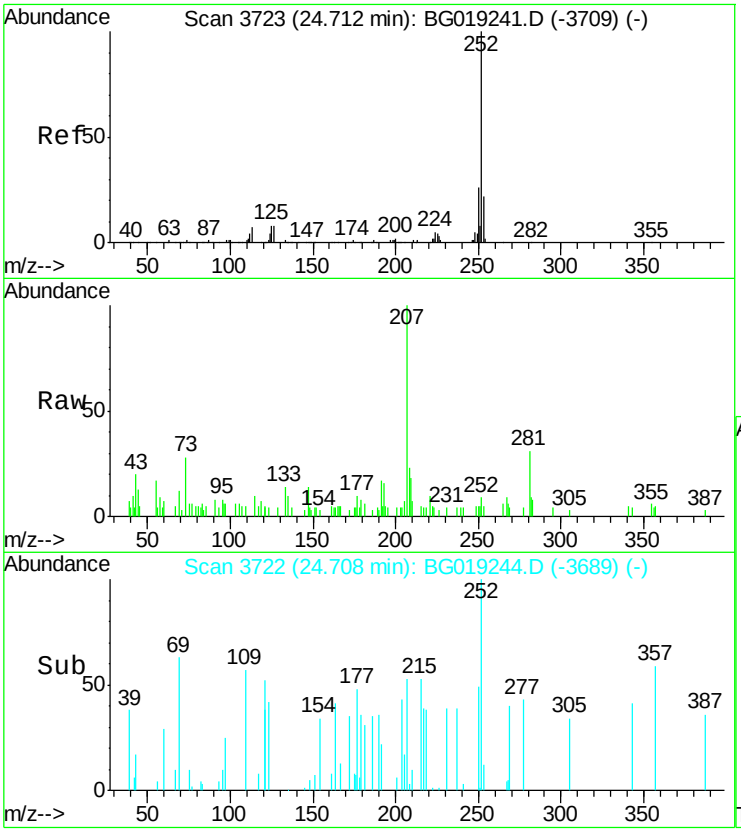


#88
Benzo(b)fluoranthene
Concen: 3.04 ng/ul
RT: 23.84 min Scan# 3574
Delta R.T. -0.00 min
Lab File: BG019244.D
Acq: 19 Oct 2015 16:51

Tgt Ion:252 Resp: 507

Ion	Ratio	Lower	Upper
252	100		
253	75.7	17.4	26.2#
125	50.1	8.1	12.1#



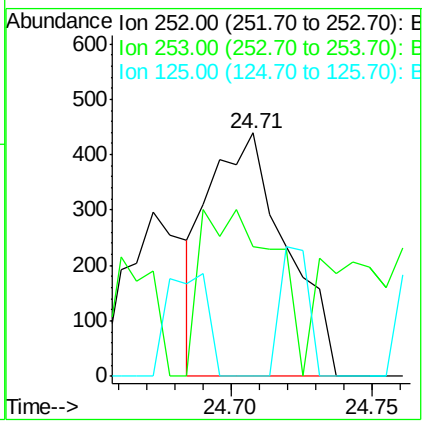


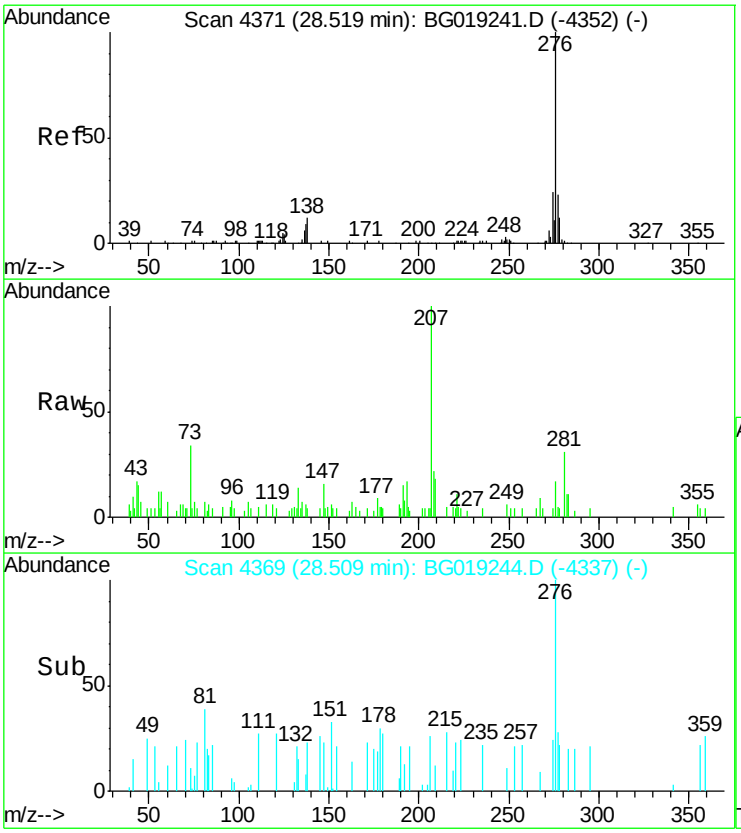
#91
Benzo(a)pyrene
Concen: 5.24 ng/ul
RT: 24.71 min Scan# 3722
Delta R.T. -0.00 min
Lab File: BG019244.D
Acq: 19 Oct 2015 16:51

Instrument :
BNA_G
ClientSampleId :
E5LK5DL

Tgt Ion:252 Resp: 840

Ion	Ratio	Lower	Upper
252	100		
253	53.5	18.1	27.1#
125	0.0	9.4	14.2#

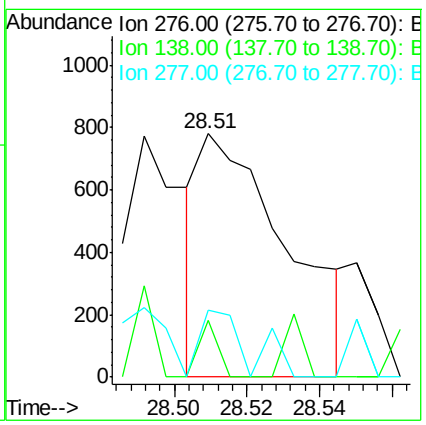


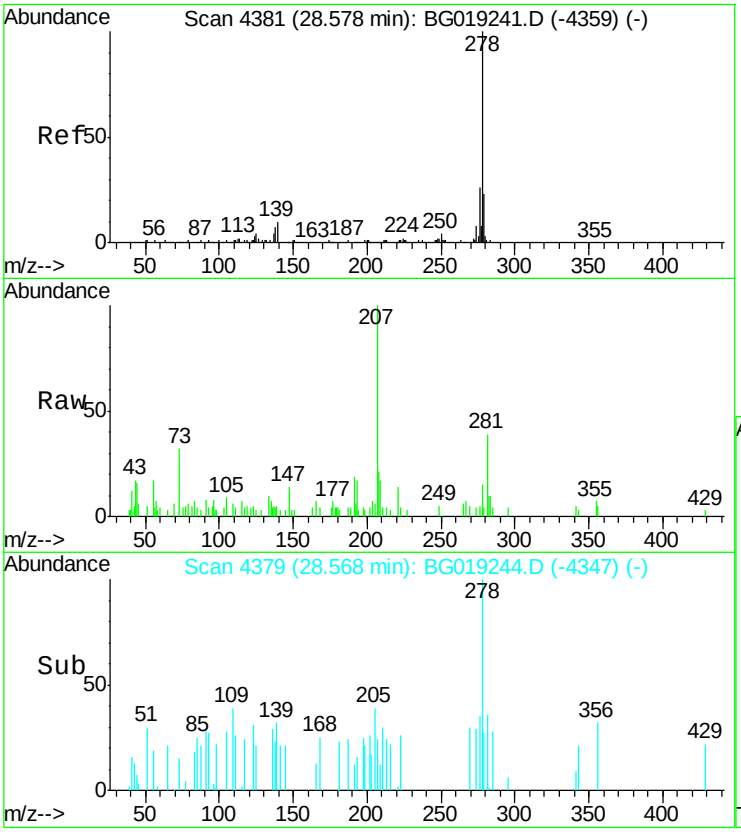


#92
Indeno(1,2,3-cd)pyrene
Concen: 6.82 ng/ul
RT: 28.51 min Scan# 4369
Delta R.T. -0.01 min
Lab File: BG019244.D
Acq: 19 Oct 2015 16:51

Tgt Ion:276 Resp: 1300

Ion	Ratio	Lower	Upper
276	100		
138	23.4	14.9	22.3#
277	27.7	18.0	27.0#



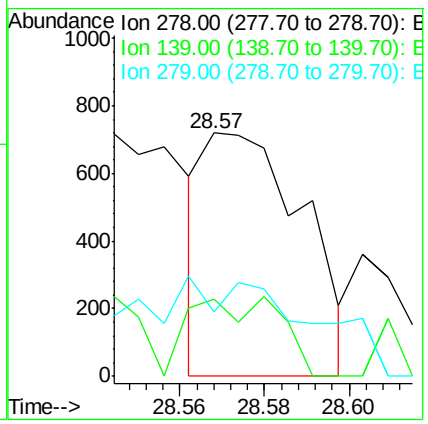


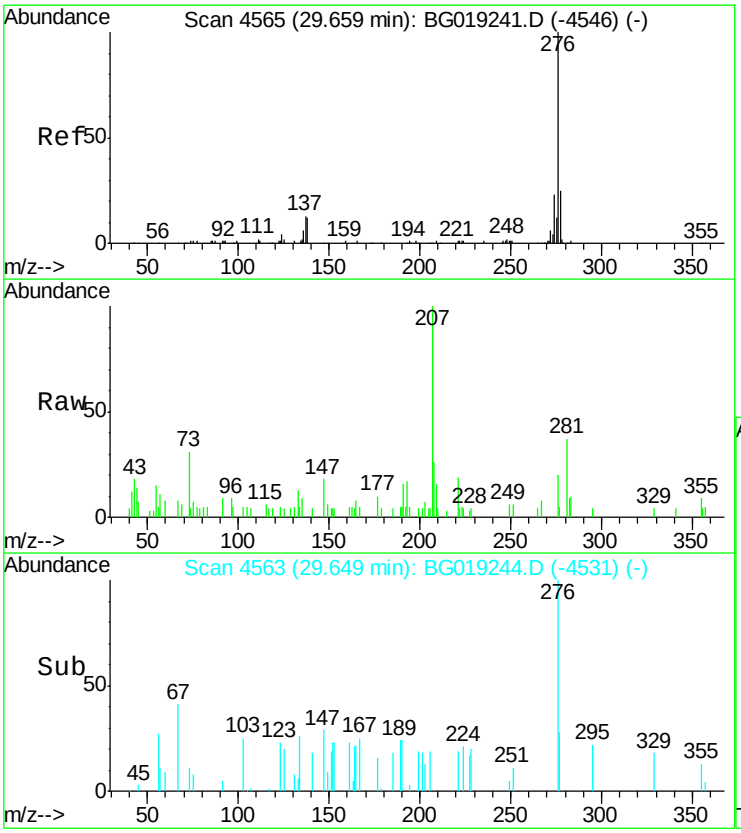
#93
Dibenzo(a,h)anthracene
Concen: 7.02 ng/ul
RT: 28.57 min Scan# 4379
Delta R.T. -0.01 min
Lab File: BG019244.D
Acq: 19 Oct 2015 16:51

Instrument :
BNA_G
ClientSampleId :
E5LK5DL

Tgt Ion:278 Resp: 1166

Ion	Ratio	Lower	Upper
278	100		
139	31.5	11.2	16.8#
279	26.5	17.6	26.4#





#94
Benzo(g,h,i)perylene
Concen: 2.96 ng/ul
RT: 29.65 min Scan# 4563
Delta R.T. -0.01 min
Lab File: BG019244.D
Acq: 19 Oct 2015 16:51

Tgt Ion:276 Resp: 464

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.3	24.5#
277	28.0	18.7	28.1