Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016207.D
Acq On : 31 Mar 2015 19:29
Operator : TP/IZ
Sample : G1647-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD4

Quant Time: Apr 01 07:01:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 04:39:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	92517	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	409177	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	233071	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	462282	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	425945	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	418205	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	6.94	99	245948	29.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	149827	30.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	192158	28.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	178219	26.97	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	108897	31.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	116855	30.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	173201	27.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	216833	25.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	496239	32.21	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	669023	30.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	109636	28.23	ng/ul	0.00
57) Fluorene-d10	15.39	176	459219	30.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	78739	24.93	ng/ul	0.00
70) Anthracene-d10	17.24	188	632847	29.79	ng/ul	0.00
76) Pyrene-d10	19.53	212	629524	32.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	533658	28.28	ng/ul	0.01
Target Compounds						Qvalue
14) Acetophenone	8.59	105	11536	1.16	ng/ul	94
44) Dimethylphthalate	13.85	163	34395	1.99	ng/ul	98
69) Phenanthrene	17.18	178	33205	1.27	ng/ul	98
74) Fluoranthene	19.19	202	65574	2.25	ng/ul	99
77) Pyrene	19.56	202	68348	2.59	ng/ul	97
80) Benzo(a)anthracene	21.30	228	35756	1.45	ng/ul	97
82) Chrysene	21.35	228	33401m	1.46	ng/ul	
85) Benzo(b)fluoranthene	22.91	252	65902	2.64	ng/ul#	81
88) Benzo(a)pyrene	23.50	252	46641	1.96	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.93	276	34559	1.24	ng/ul	94
91) Benzo(g,h,i)perylene	26.65	276	30074	1.32	ng/ul	96

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

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Instrument :
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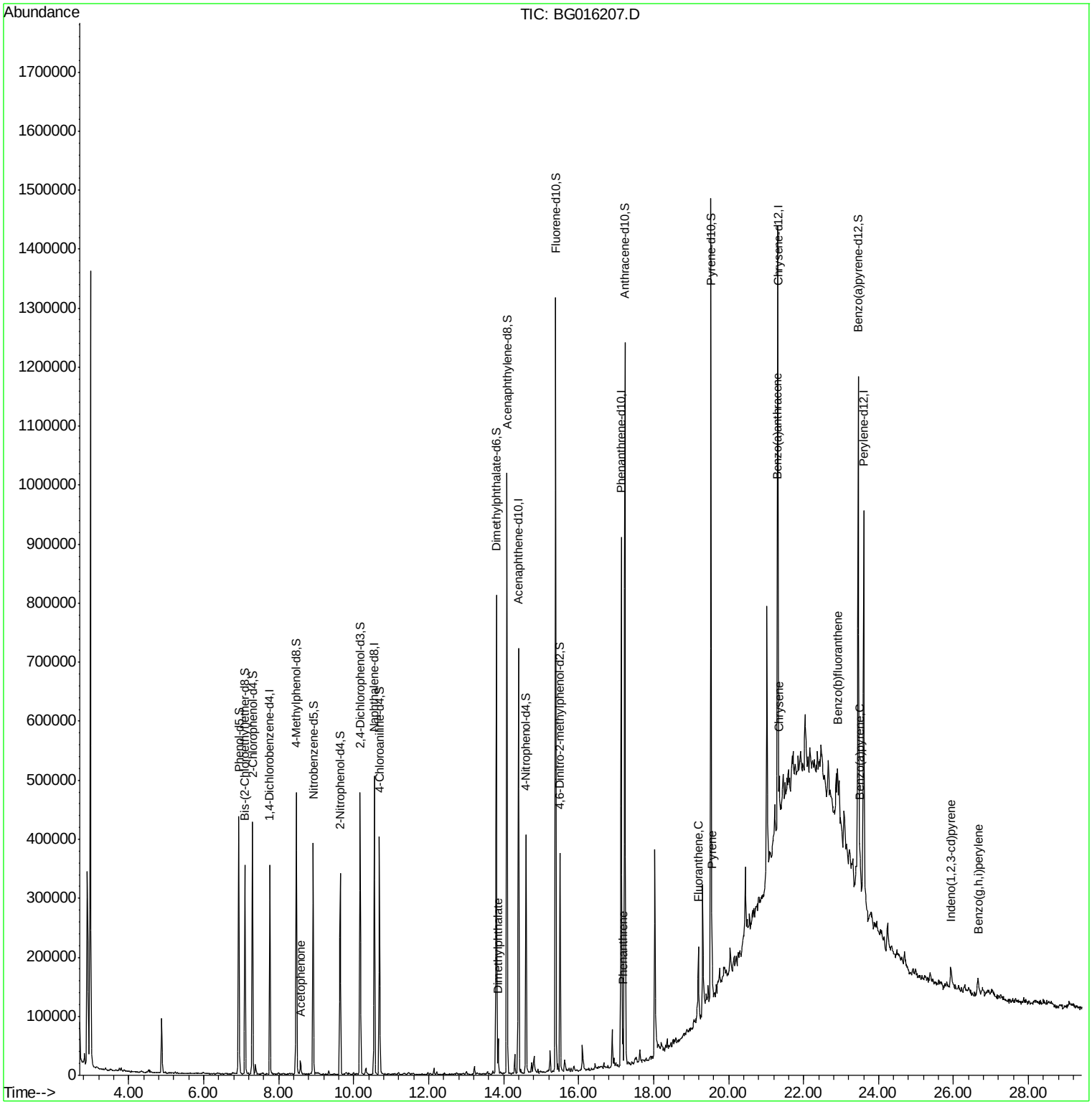
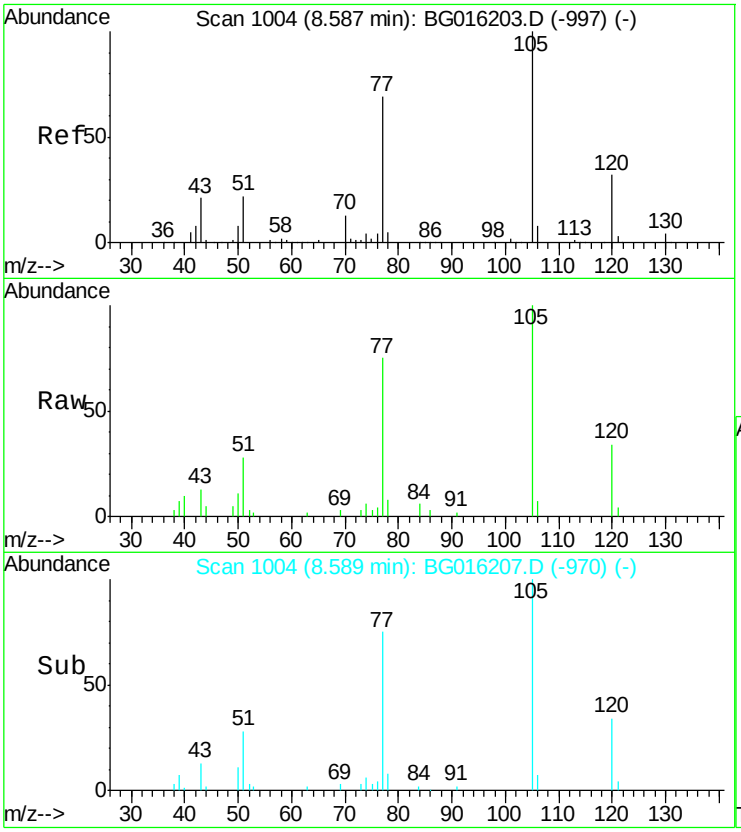


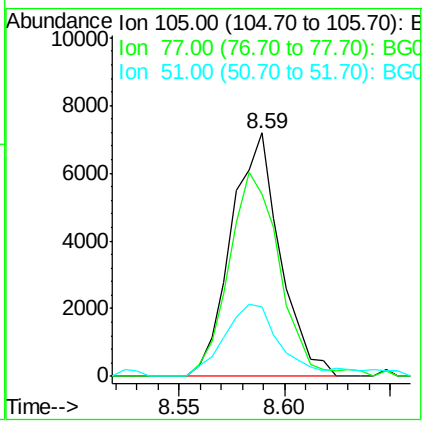


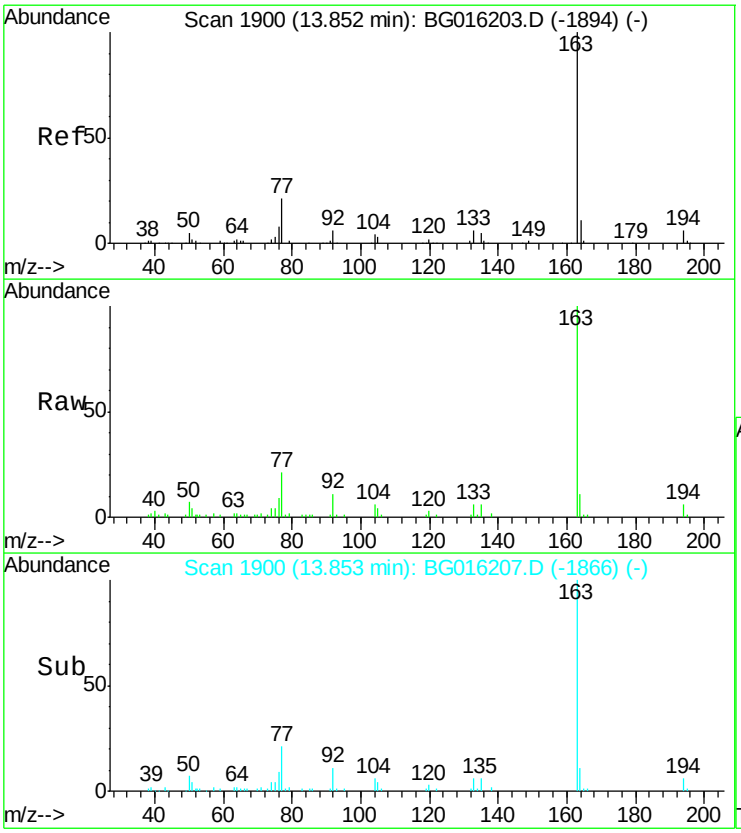
#14
Acetophenone
Concen: 1.16 ng/ul
RT: 8.59 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG016207.D
Acq: 31 Mar 2015 19:29

Instrument :
BNA_G
ClientSampleId :
C0AD4

Tgt Ion:105 Resp: 11536

Ion	Ratio	Lower	Upper
105	100		
77	74.7	64.6	97.0
51	28.5	21.6	32.4

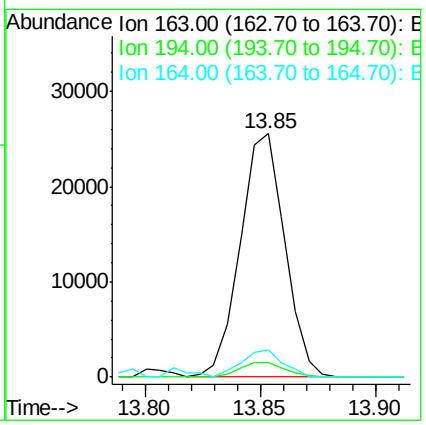


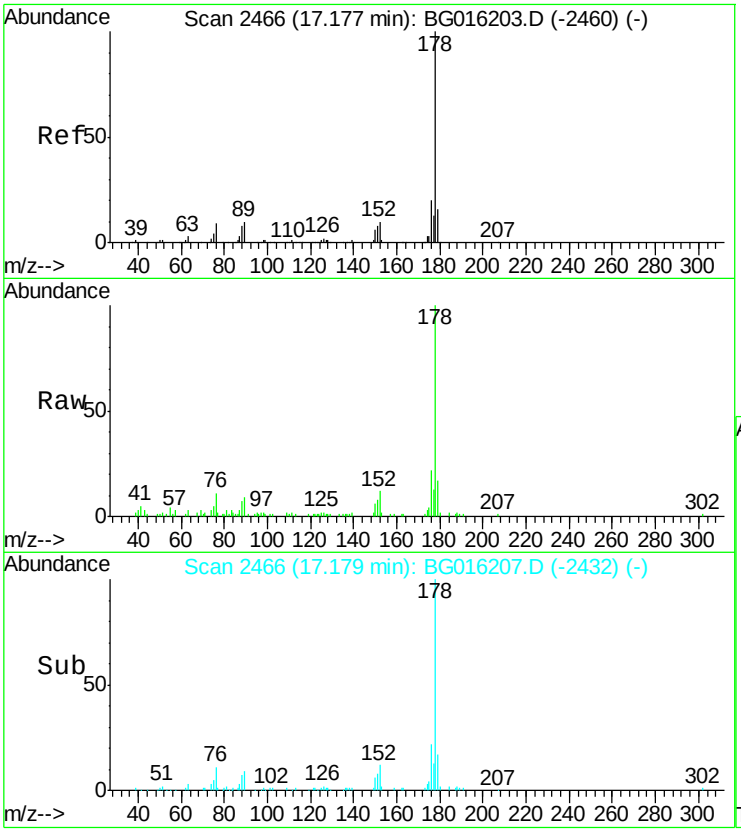


#44
Dimethylphthalate
Concen: 1.99 ng/ul
RT: 13.85 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BG016207.D
Acq: 31 Mar 2015 19:29

Tgt Ion:163 Resp: 34395

Ion	Ratio	Lower	Upper
163	100		
194	5.9	4.8	7.2
164	11.1	8.2	12.2



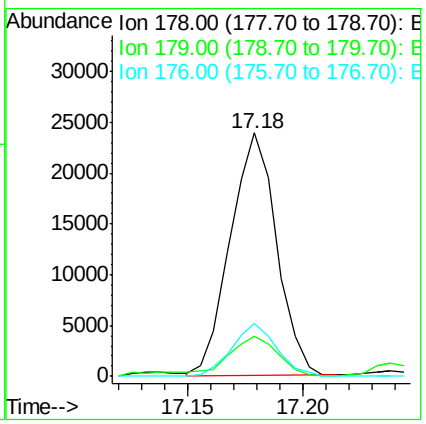


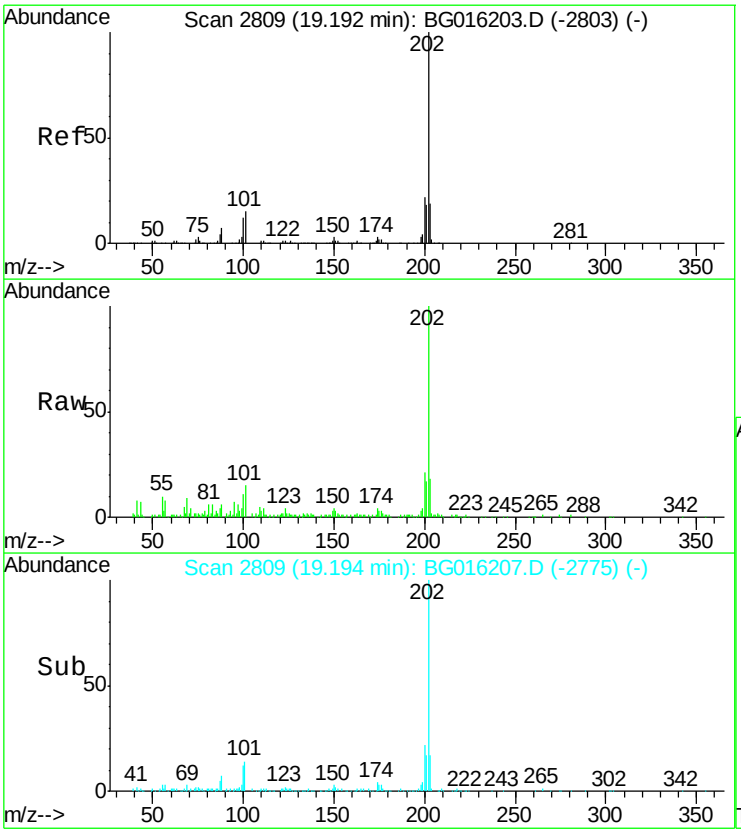
#69
Phenanthrene
Concen: 1.27 ng/ul
RT: 17.18 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG016207.D
Acq: 31 Mar 2015 19:29

Instrument :
BNA_G
ClientSampleId :
C0AD4

Tgt Ion:178 Resp: 33205

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.6	19.0
176	21.6	16.6	24.8

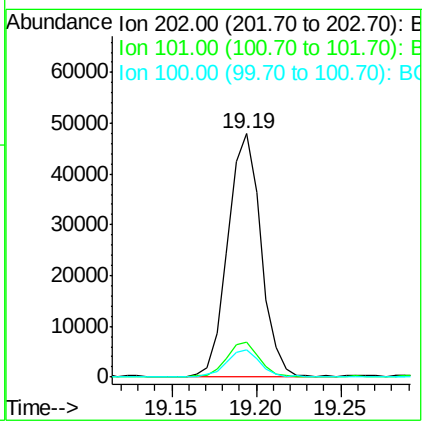


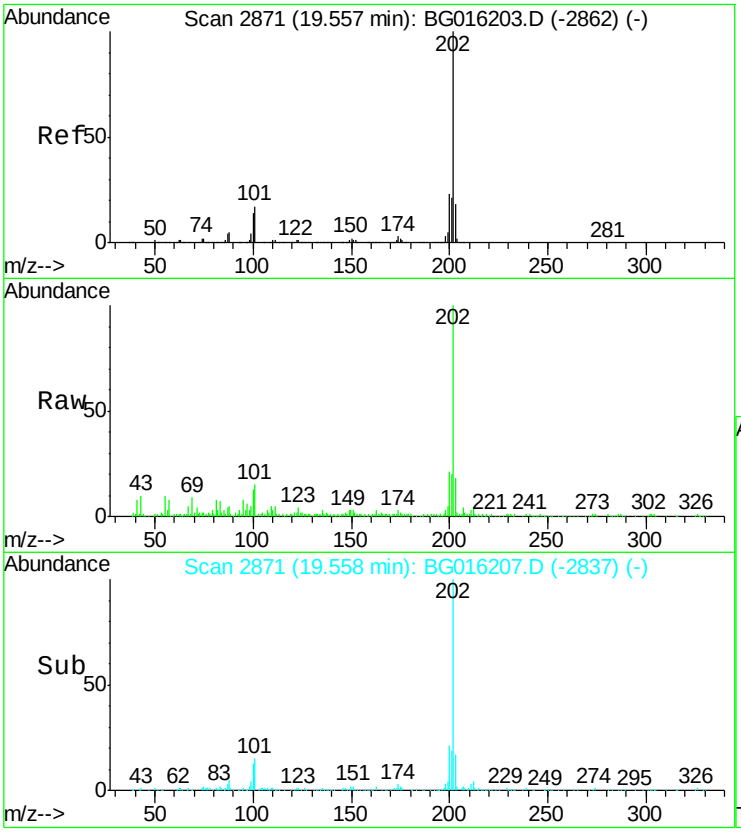


#74
Fluoranthene
Concen: 2.25 ng/ul
RT: 19.19 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BG016207.D
Acq: 31 Mar 2015 19:29

Tgt Ion:202 Resp: 65574

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.8	17.8
100	11.4	9.4	14.0



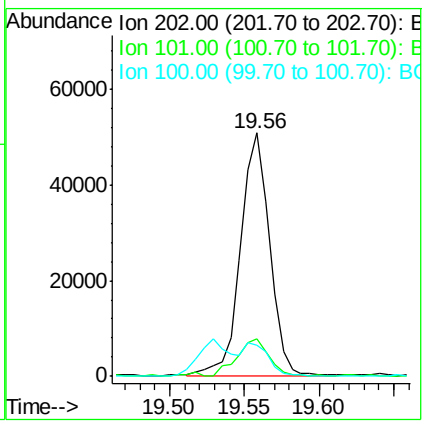


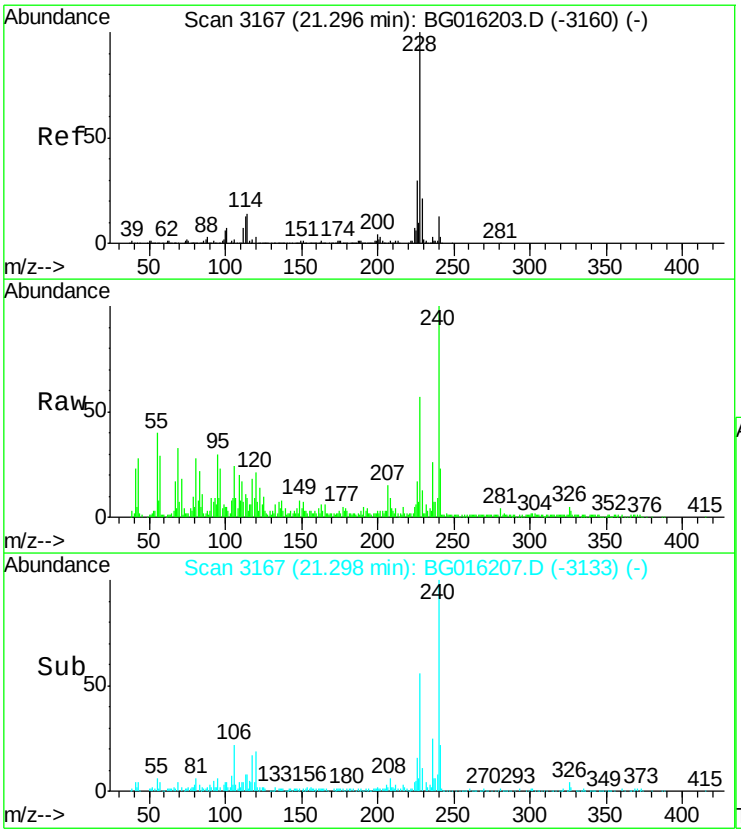
#77
Pyrene
Concen: 2.59 ng/ul
RT: 19.56 min Scan# 2871
Delta R.T. 0.00 min
Lab File: BG016207.D
Acq: 31 Mar 2015 19:29

Instrument :
BNA_G
ClientSampleId :
C0AD4

Tgt Ion:202 Resp: 68348

Ion	Ratio	Lower	Upper
202	100		
101	15.3	13.4	20.0
100	12.7	11.1	16.7

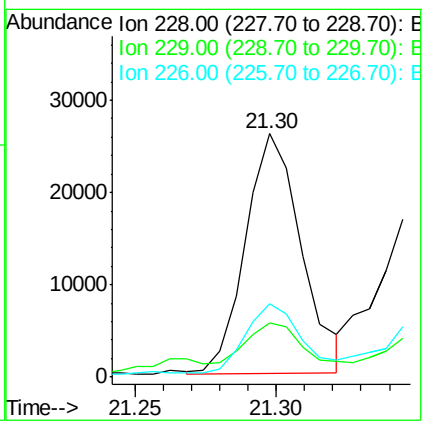


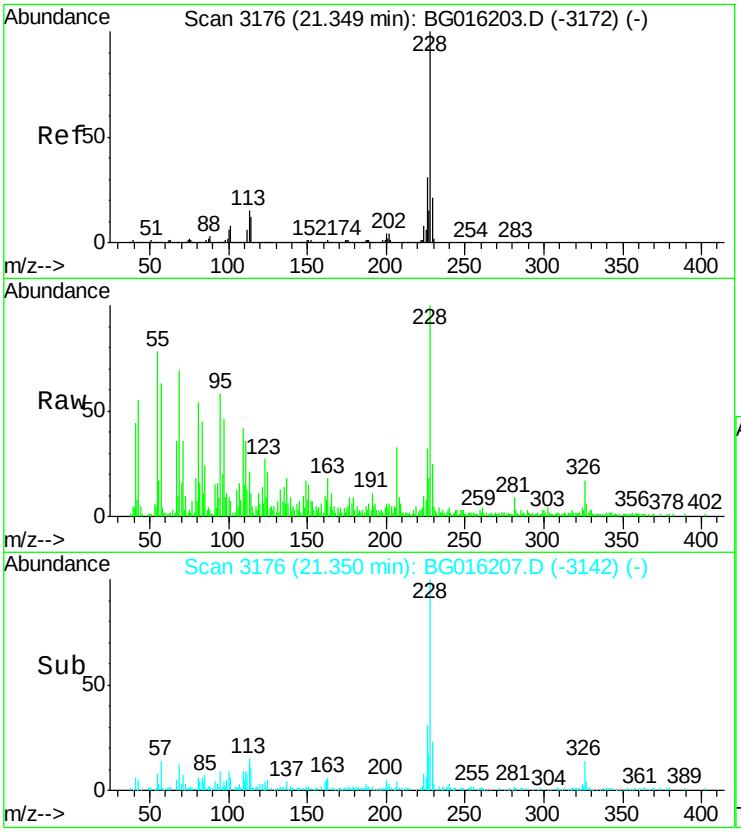


#80
Benzo(a)anthracene
Concen: 1.45 ng/ul
RT: 21.30 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG016207.D
Acq: 31 Mar 2015 19:29

Tgt Ion:228 Resp: 35756

Ion	Ratio	Lower	Upper
228	100		
229	22.5	16.5	24.7
226	30.0	23.0	34.4



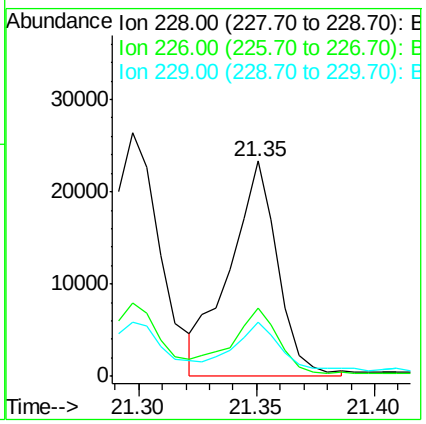


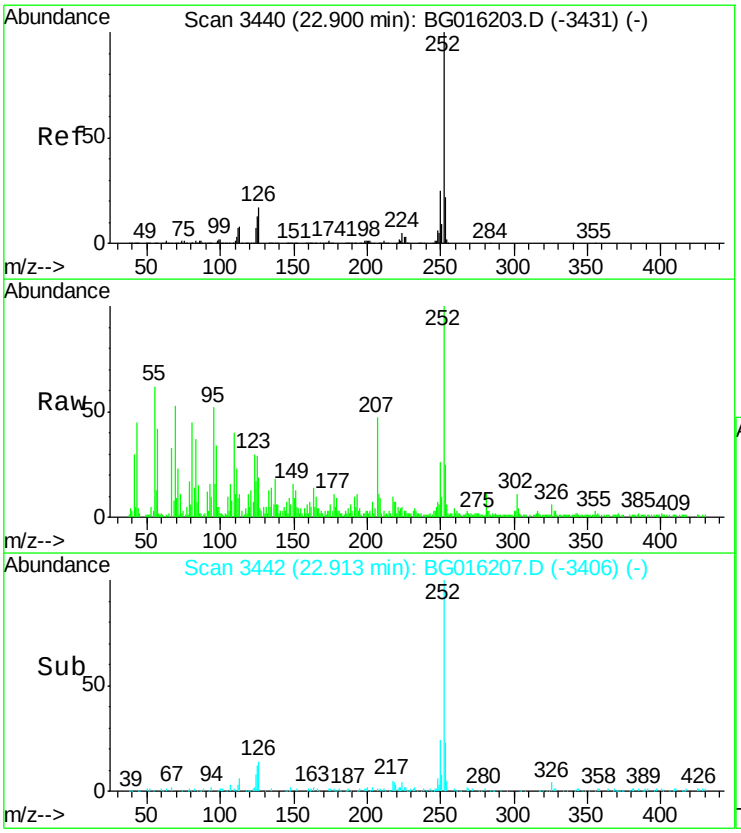
#82
Chrysene
Concen: 1.46 ng/ul m
RT: 21.35 min Scan# 3176
Delta R.T. 0.00 min
Lab File: BG016207.D
Acq: 31 Mar 2015 19:29

Instrument :
BNA_G
ClientSampleId :
C0AD4

Tgt Ion:228 Resp: 33401

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.0
229	25.0	16.5	24.7#

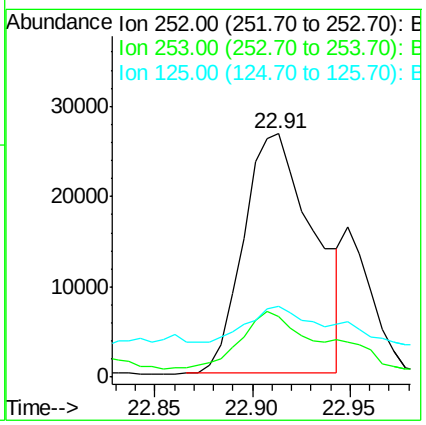


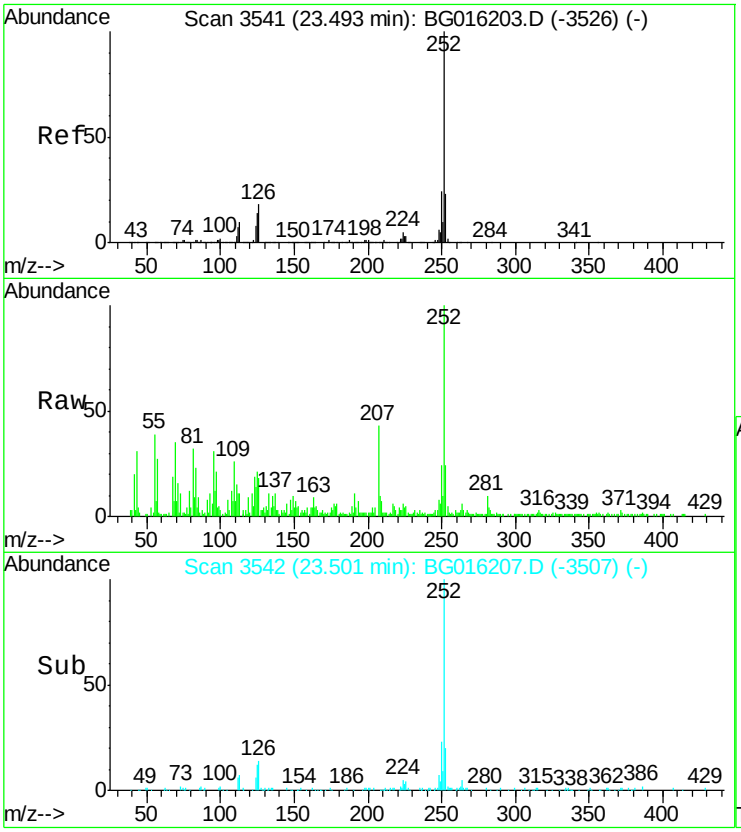


#85
Benzo(b)fluoranthene
Concen: 2.64 ng/ul
RT: 22.91 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BG016207.D
Acq: 31 Mar 2015 19:29

Tgt Ion:252 Resp: 65902

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	29.1	10.6	15.8#



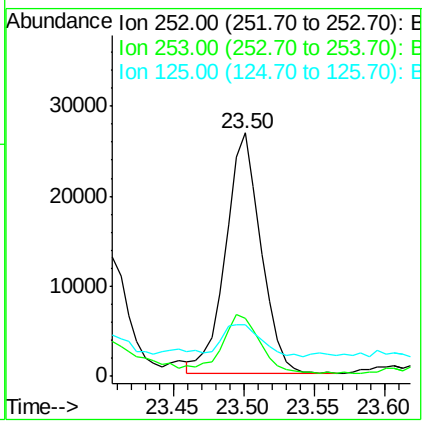


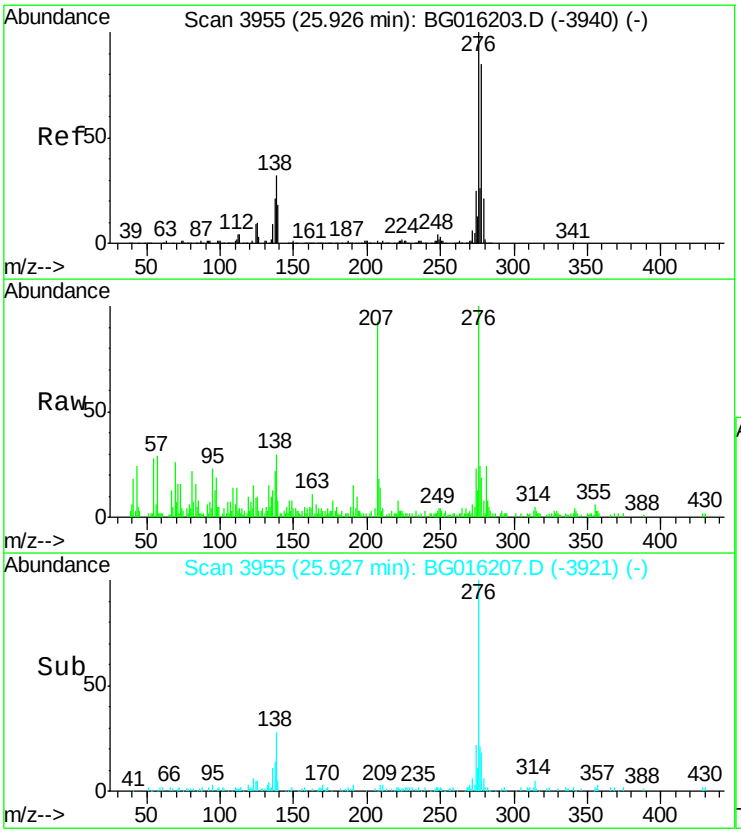
#88
Benzo(a)pyrene
Concen: 1.96 ng/ul
RT: 23.50 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BG016207.D
Acq: 31 Mar 2015 19:29

Instrument :
BNA_G
ClientSampleId :
C0AD4

Tgt Ion:252 Resp: 46641

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	21.4	12.1	18.1#

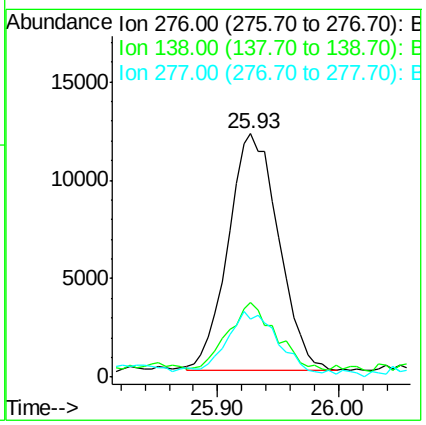


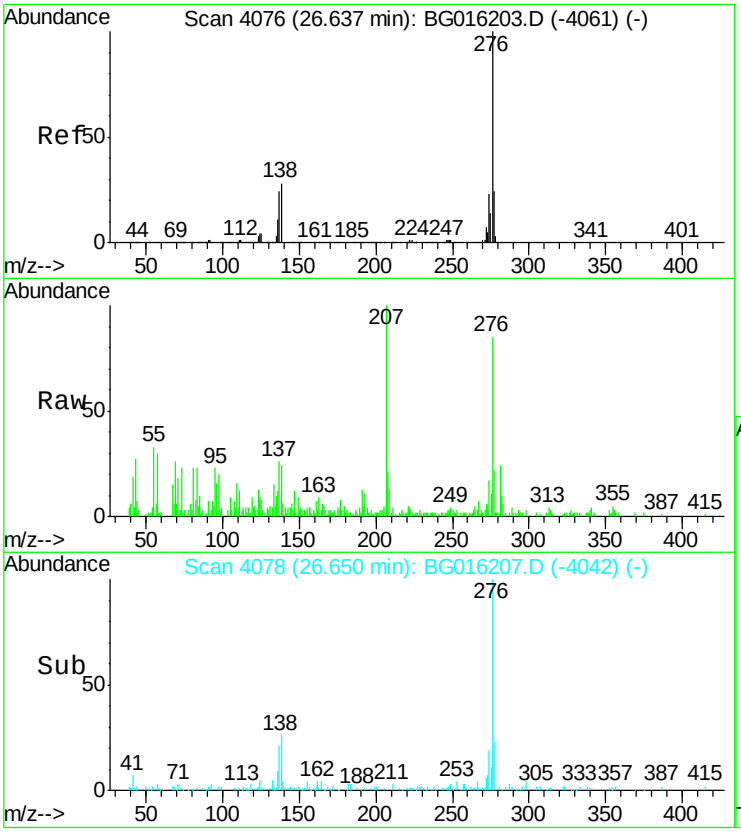


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.24 ng/ul
RT: 25.93 min Scan# 3955
Delta R.T. 0.00 min
Lab File: BG016207.D
Acq: 31 Mar 2015 19:29

Tgt Ion:276 Resp: 34559

Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.0	40.6
277	23.6	21.8	32.6





#91
Benzo(g,h,i)perylene
Concen: 1.32 ng/ul
RT: 26.65 min Scan# 4078
Delta R.T. 0.01 min
Lab File: BG016207.D
Acq: 31 Mar 2015 19:29

Instrument :
BNA_G
ClientSampleId :
C0AD4

Tgt Ion:276 Resp: 30074

Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.0	31.6
277	25.3	19.2	28.8