Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025232.D
Acq On : 16 Dec 2016 4:27
Operator : UM/SJ
Sample : H5995-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA888

Quant Time: Dec 16 06:36:07 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	84511	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	368492	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	288312	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	545112	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	662510	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	658798	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
76) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
87) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
6) Phenol	7.42	94	16639	2.22	ng/ul	94
34) 2-Methylnaphthalene	12.70	142	18287	1.35	ng/ul	82
44) Dimethylphthalate	14.30	163	60197	3.09	ng/ul#	99
69) Phenanthrene	17.64	178	57634	2.22	ng/ul	97
74) Fluoranthene	19.64	202	34507	1.12	ng/ul	98
77) Pyrene	20.00	202	43041	1.35	ng/ul#	94
81) Bis(2-ethylhexyl)phthalate	21.72	149	143516	8.36	ng/ul#	96
82) Chrysene	21.95	228	38325	1.19	ng/ul#	90
85) Benzo(b)fluoranthene	24.23	252	60781	1.86	ng/ul#	84

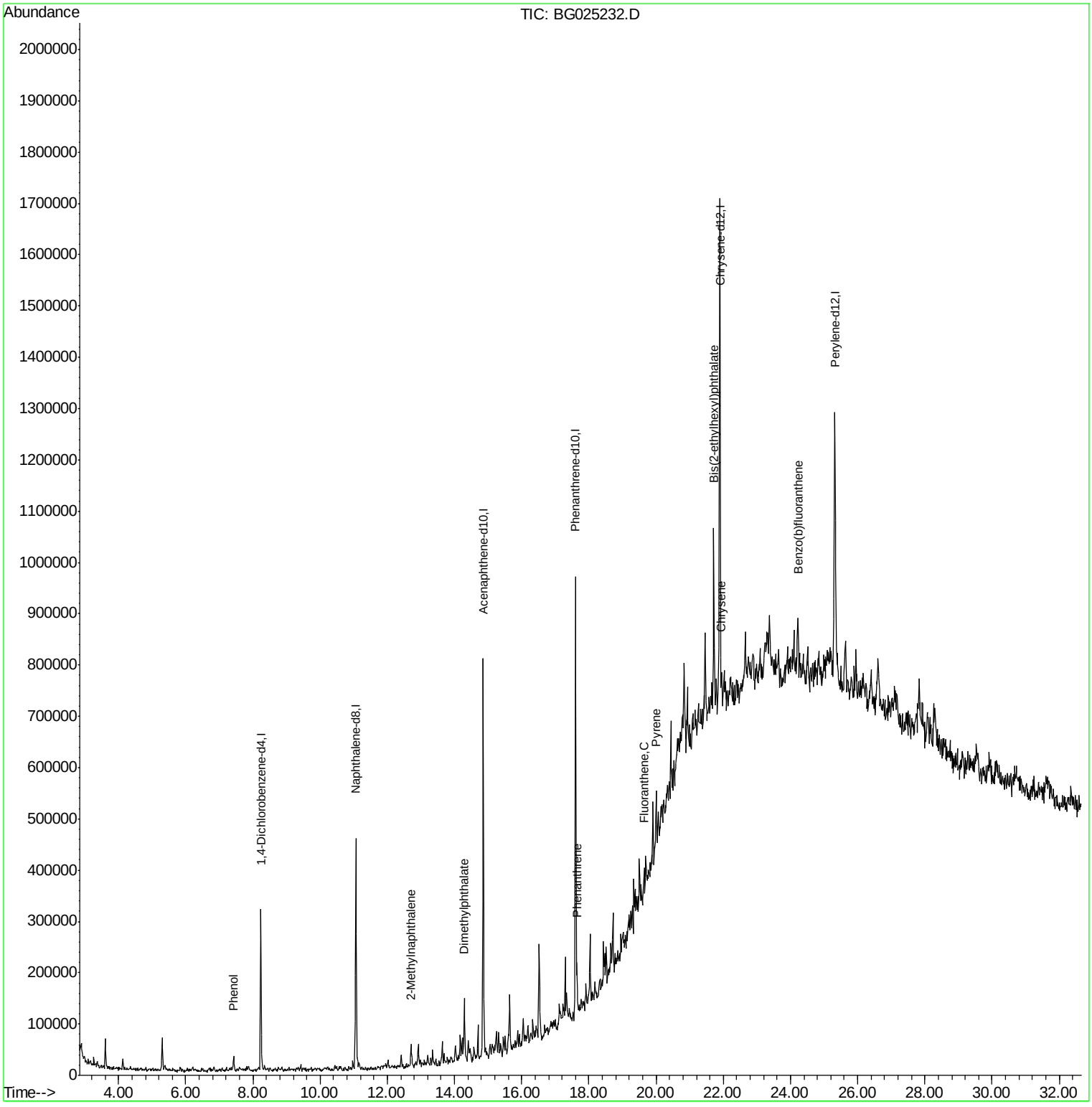
(#) = qualifier out of range (m) = manual integration (+) = signals summed

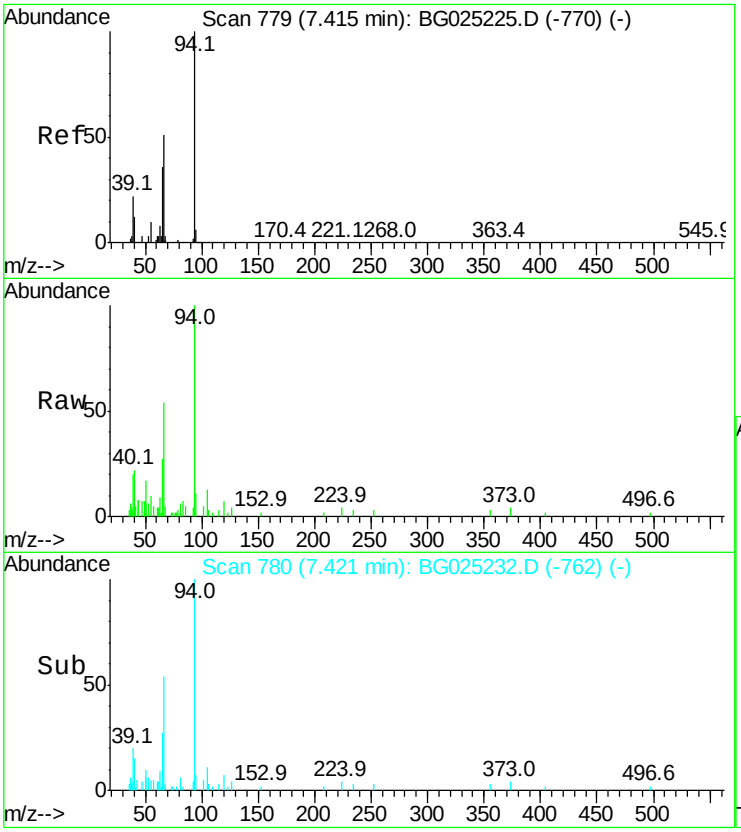
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025232.D
Acq On : 16 Dec 2016 4:27
Operator : UM/SJ
Sample : H5995-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA888

Quant Time: Dec 16 06:36:07 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration



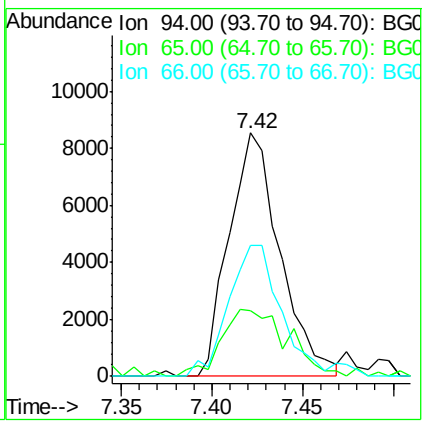


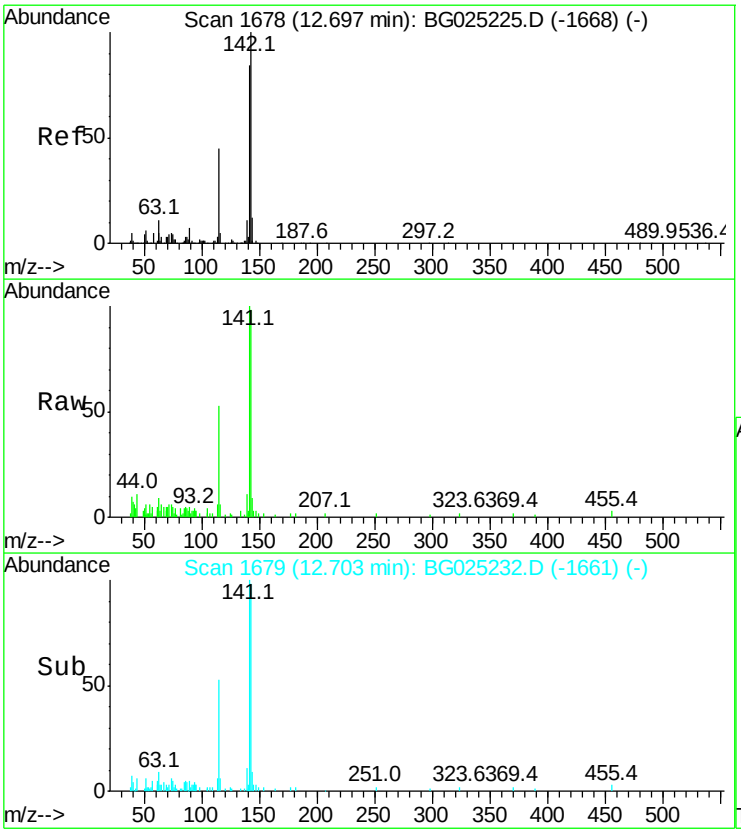
#6
Phenol
Concen: 2.22 ng/ul
RT: 7.42 min Scan# 780
Delta R.T. 0.01 min
Lab File: BG025232.D
Acq: 16 Dec 2016 4:27

Instrument :
BNA_G
ClientSampleId :
DA888

Tgt Ion: 94 Resp: 16639

Ion	Ratio	Lower	Upper
94	100		
65	27.0	26.8	40.2
66	53.7	44.4	66.6

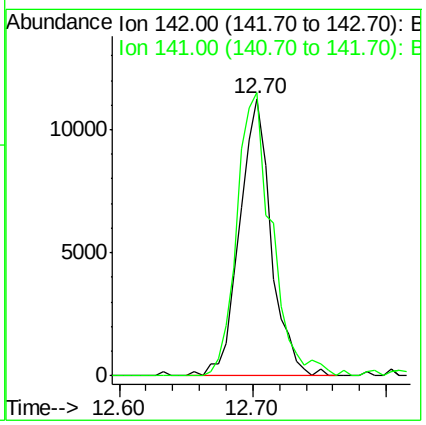


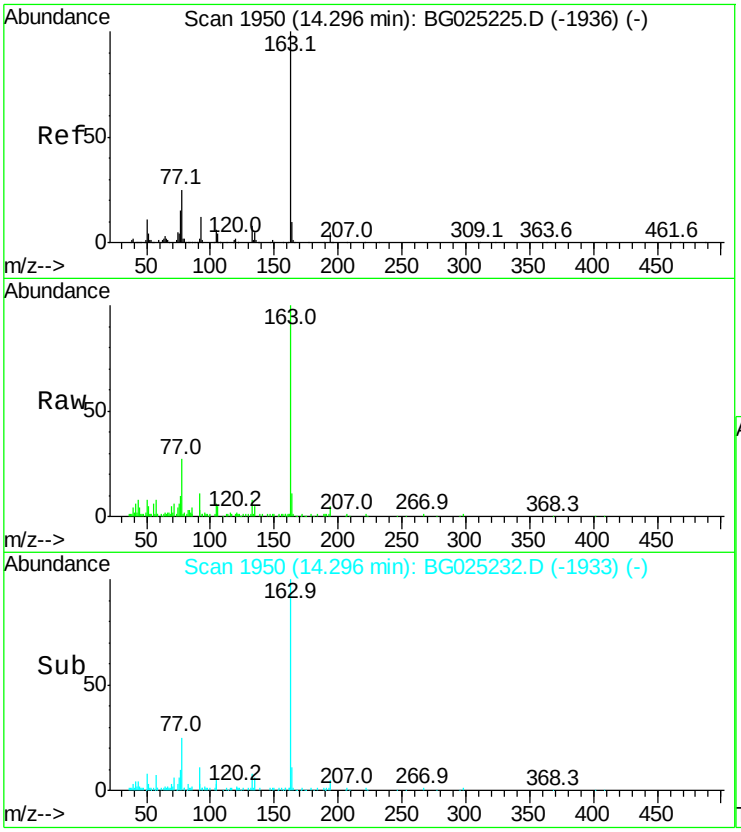


#34
2-Methylnaphthalene
Concen: 1.35 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.01 min
Lab File: BG025232.D
Acq: 16 Dec 2016 4:27

Tgt Ion:142 Resp: 18287

Ion	Ratio	Lower	Upper
142	100		
141	102.0	68.6	102.8



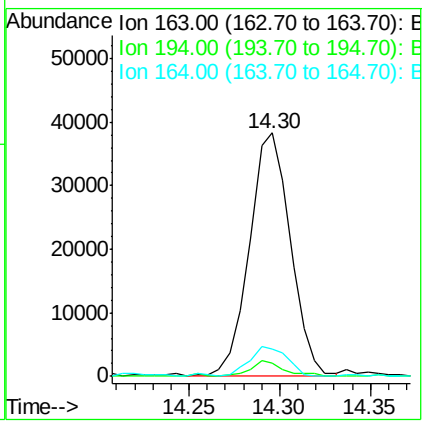


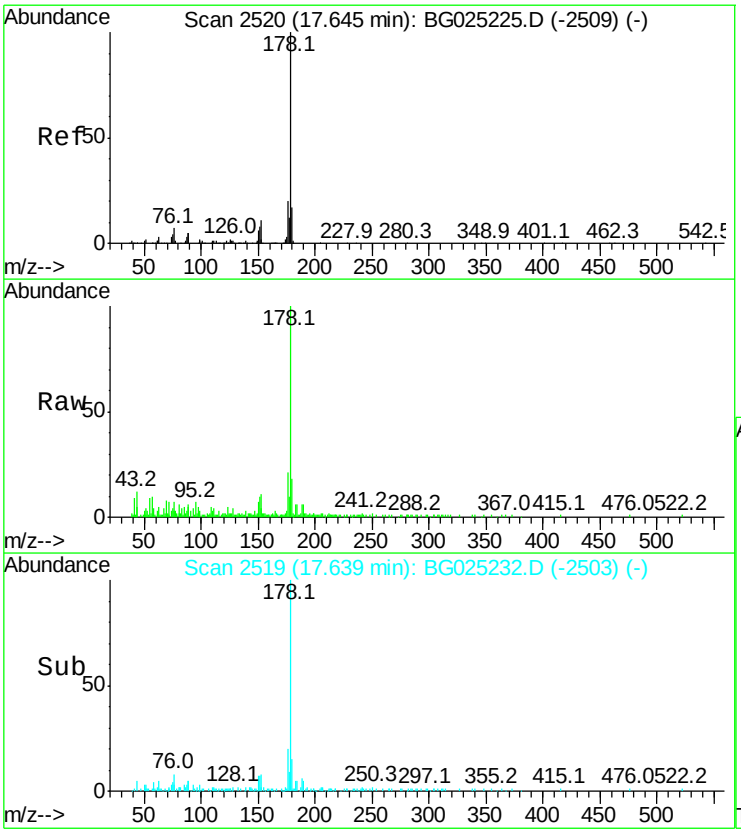
#44
Dimethylphthalate
Concen: 3.09 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG025232.D
Acq: 16 Dec 2016 4:27

Instrument :
BNA_G
ClientSampleId :
DA888

Tgt Ion:163 Resp: 60197

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.0#
164	11.4	9.0	13.4

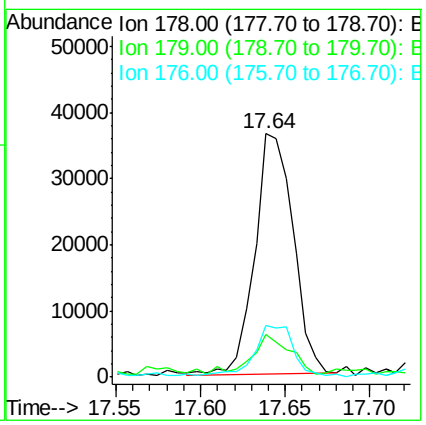


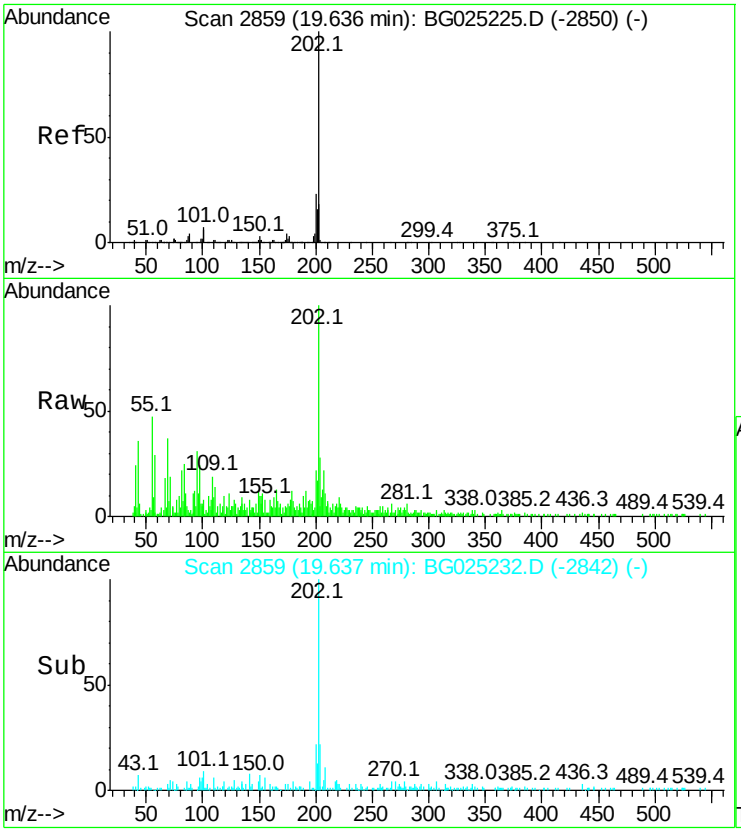


#69
Phenanthrene
Concen: 2.22 ng/ul
RT: 17.64 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG025232.D
Acq: 16 Dec 2016 4:27

Tgt Ion:178 Resp: 57634

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.4	18.6
176	21.3	16.5	24.7



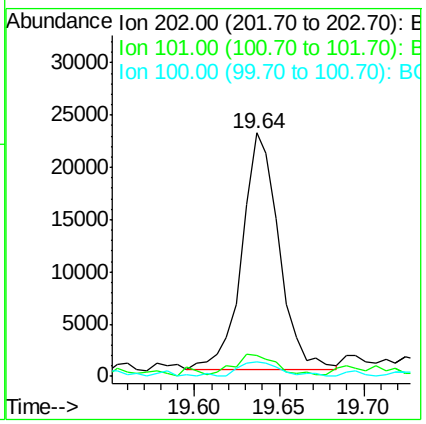


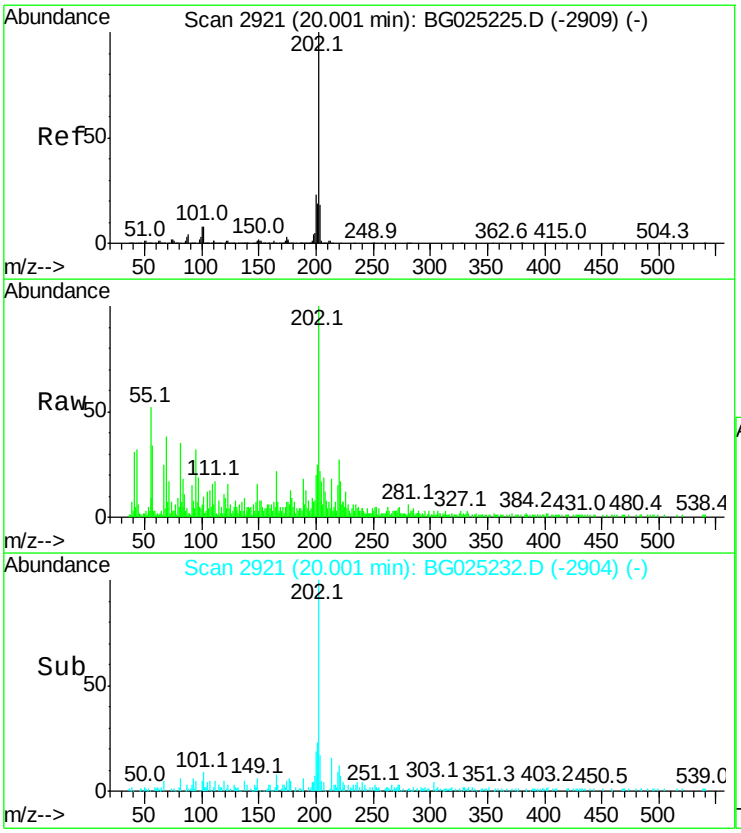
#74
Fluoranthene
Concen: 1.12 ng/ul
RT: 19.64 min Scan# 2859
Delta R.T. 0.00 min
Lab File: BG025232.D
Acq: 16 Dec 2016 4:27

Instrument :
BNA_G
ClientSampleId :
DA888

Tgt Ion:202 Resp: 34507

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.2	9.2
100	6.1	5.2	7.8

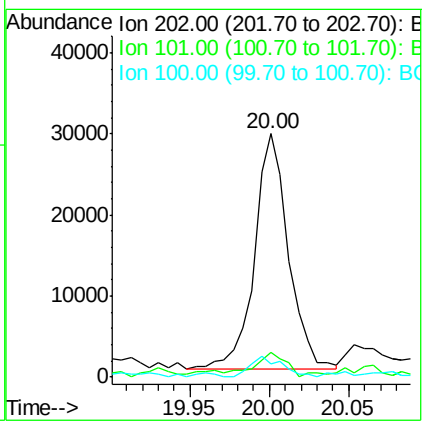


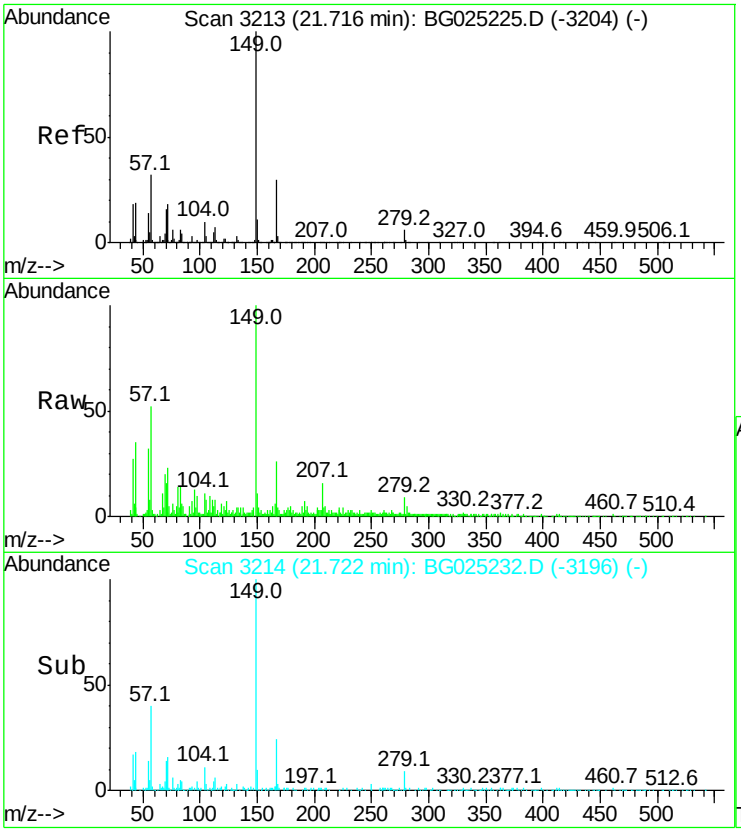


#77
Pyrene
Concen: 1.35 ng/ul
RT: 20.00 min Scan# 2921
Delta R.T. 0.00 min
Lab File: BG025232.D
Acq: 16 Dec 2016 4:27

Tgt Ion:202 Resp: 43041

Ion	Ratio	Lower	Upper
202	100		
101	10.3	6.9	10.3
100	5.7	6.6	10.0#



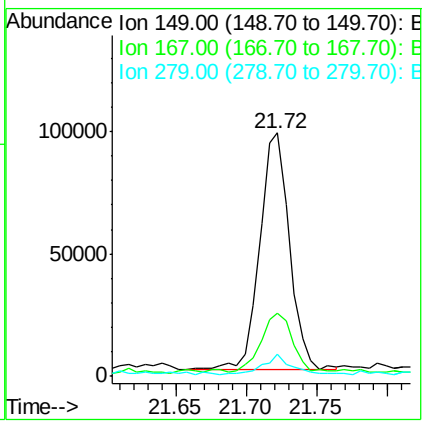


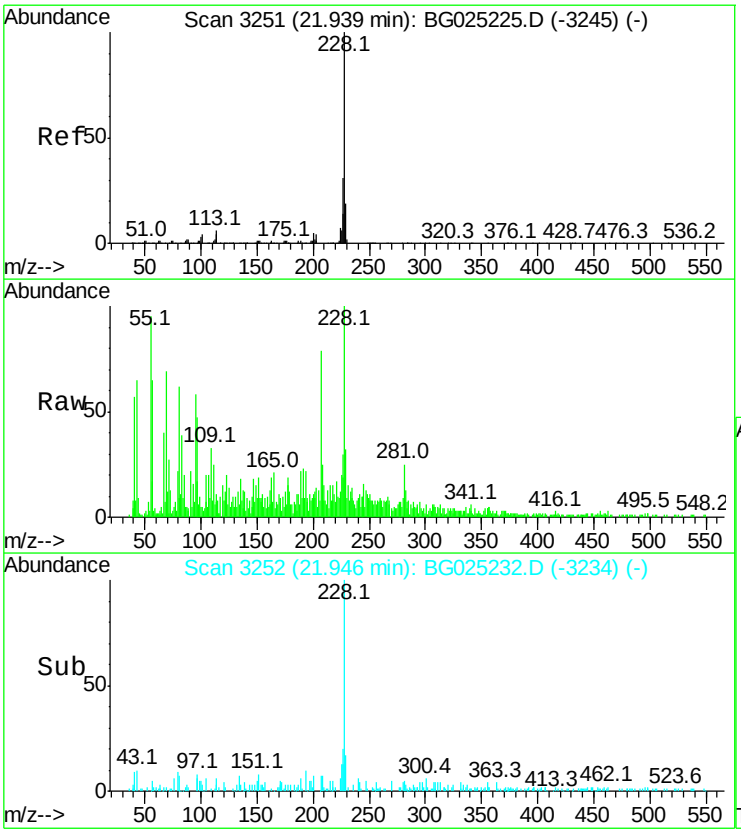
#81
Bis(2-ethylhexyl)phthalate
Concen: 8.36 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.01 min
Lab File: BG025232.D
Acq: 16 Dec 2016 4:27

Instrument :
BNA_G
ClientSampleId :
DA888

Tgt Ion:149 Resp: 143516

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.8	32.8
279	9.2	4.5	6.7#

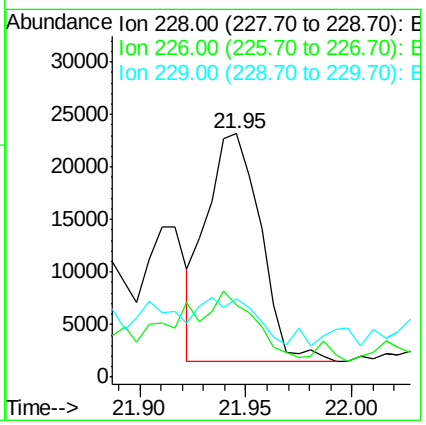


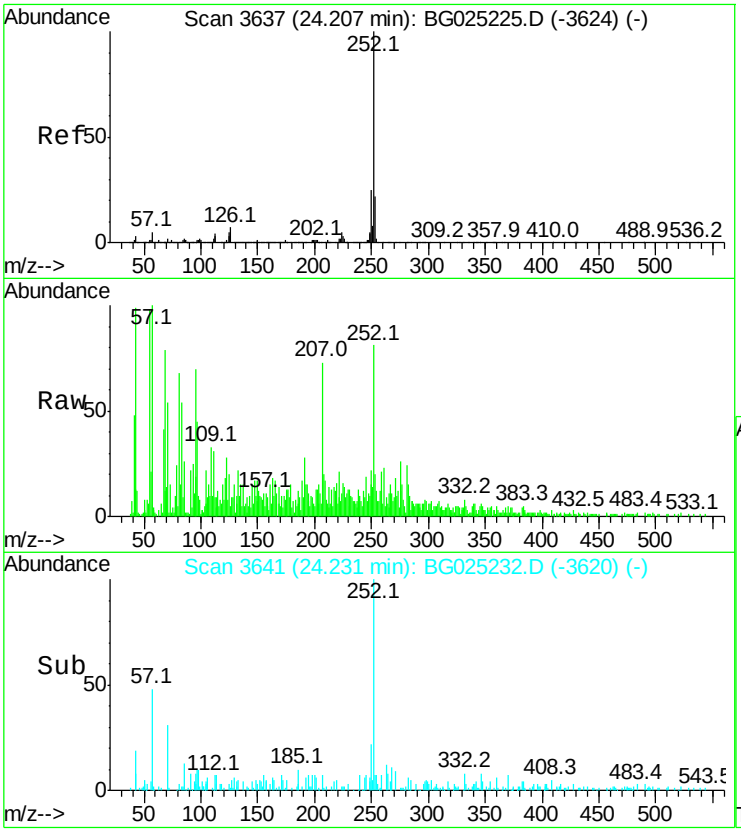


#82
Chrysene
Concen: 1.19 ng/ul
RT: 21.95 min Scan# 3252
Delta R.T. 0.01 min
Lab File: BG025232.D
Acq: 16 Dec 2016 4:27

Tgt Ion:228 Resp: 38325

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	32.2	16.9	25.3#





#85
Benzo(b)fluoranthene
Concen: 1.86 ng/ul
RT: 24.23 min Scan# 3641
Delta R.T. 0.02 min
Lab File: BG025232.D
Acq: 16 Dec 2016 4:27

Instrument :
BNA_G
ClientSampleId :
DA888

Tgt Ion:252 Resp: 60781

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.7	26.5
125	24.2	4.0	6.0#