Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025264.D
Acq On : 17 Dec 2016 7:46
Operator : UM/SJ
Sample : H5995-02DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA863DL

Quant Time: Dec 18 00:59:13 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 00:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	67016	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	268214	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	198830	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	436887	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	541178	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	552031	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.40	99	6950	1.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	5911	1.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	6118	1.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	5995	1.24	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	2993	1.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	3380	1.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	6651	1.46	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.25	166	22877	1.67	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	25674	1.71	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.84	176	21822	1.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.70	188	34781	1.89	ng/ul	0.00
76) Pyrene-d10	19.97	212	40029	1.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	39995	1.79	ng/ul	-0.02
Target Compounds						Qvalue
69) Phenanthrene	17.65	178	70103	3.36	ng/ul	95
74) Fluoranthene	19.64	202	96240	3.88	ng/ul	99
77) Pyrene	20.00	202	84901	3.26	ng/ul#	96
80) Benzo(a)anthracene	21.88	228	53488	1.90	ng/ul#	89
81) Bis(2-ethylhexyl)phthalate	21.72	149	738339	52.67	ng/ul	96
82) Chrysene	21.95	228	45836	1.74	ng/ul#	93
85) Benzo(b)fluoranthene	24.23	252	59043	2.16	ng/ul	99
88) Benzo(a)pyrene	25.16	252	51322	1.95	ng/ul	95

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

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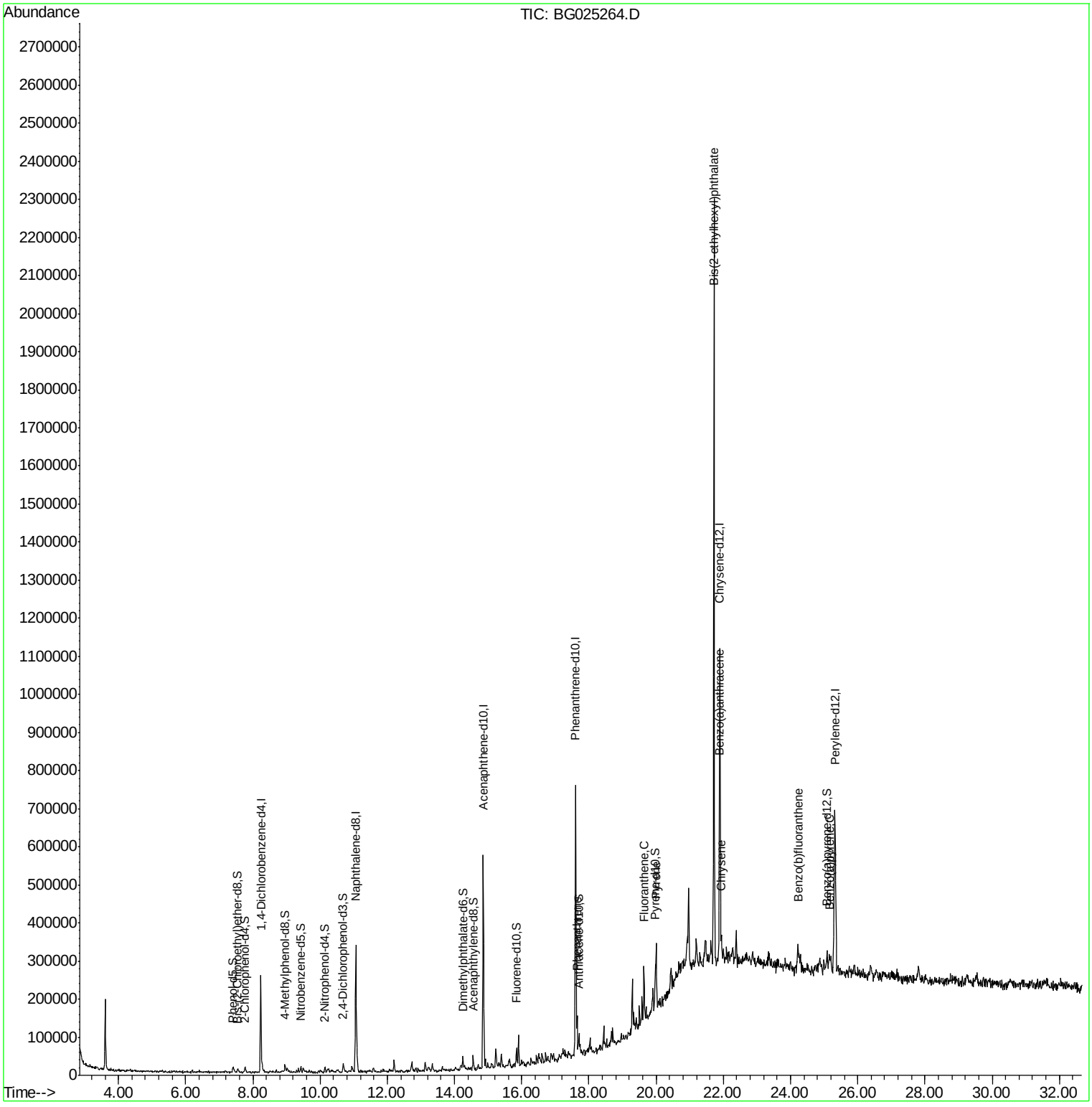
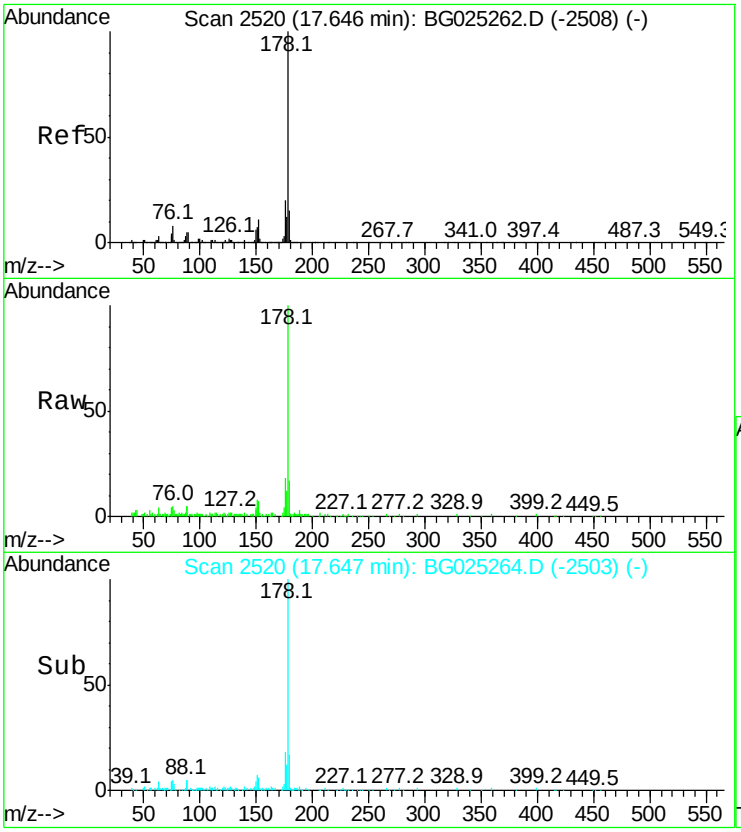


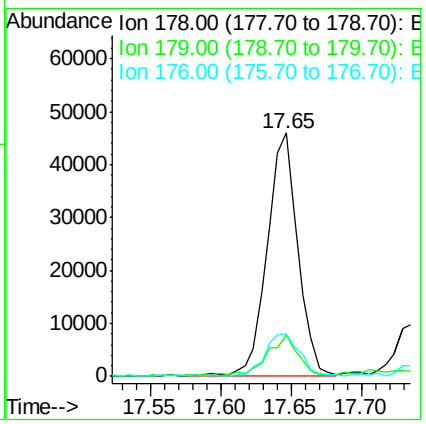


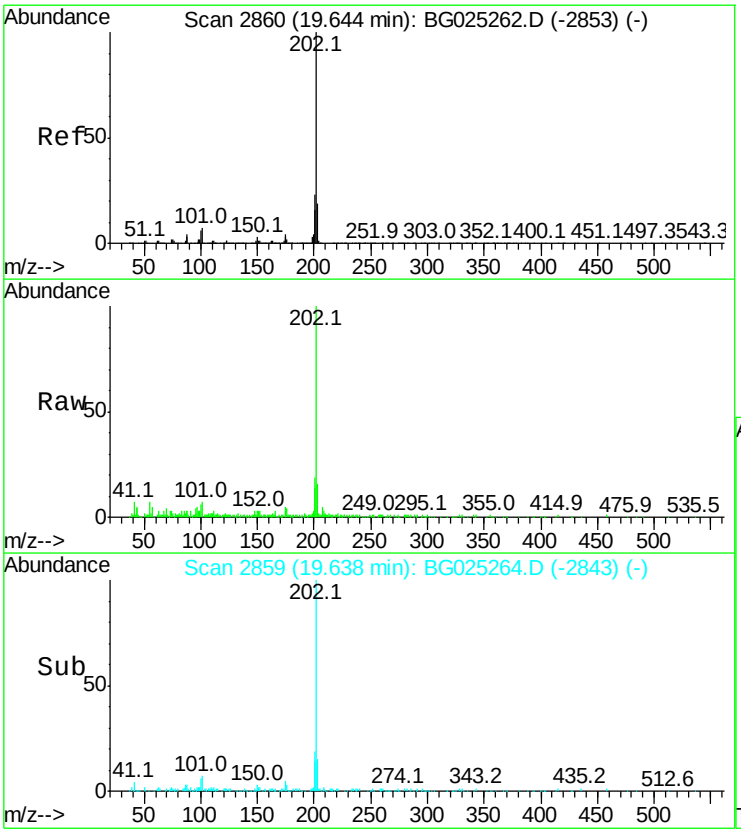
#69
Phenanthrene
Concen: 3.36 ng/ul
RT: 17.65 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BG025264.D
Acq: 17 Dec 2016 7:46

Instrument :
BNA_G
ClientSampleId :
DA863DL

Tgt Ion:178 Resp: 70103

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.4	18.6
176	17.5	16.5	24.7

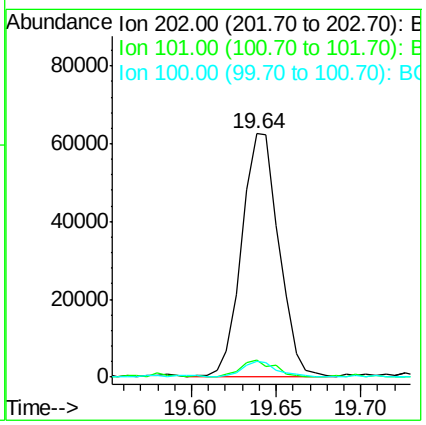


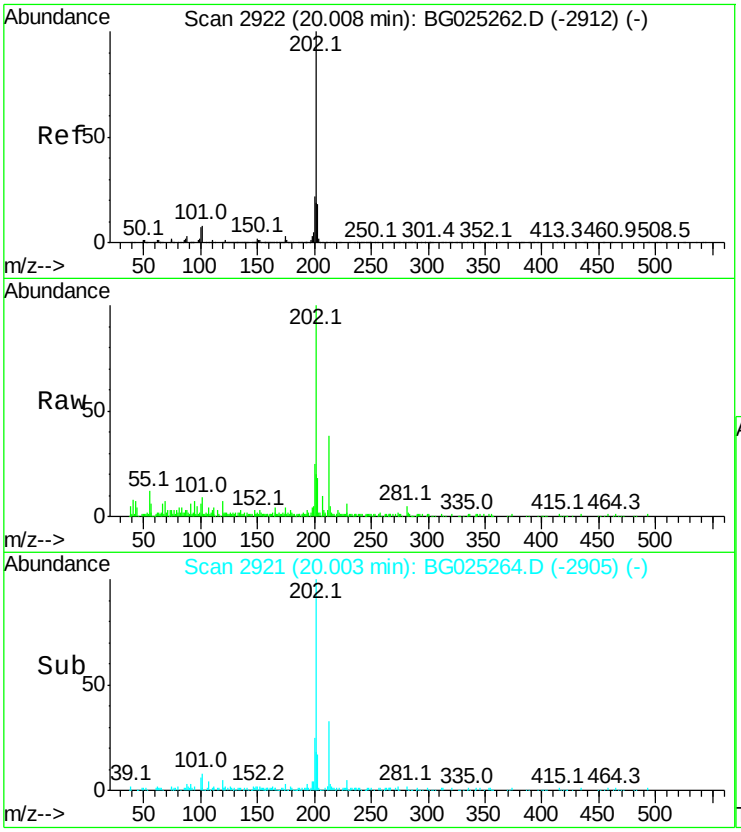


#74
Fluoranthene
Concen: 3.88 ng/ul
RT: 19.64 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG025264.D
Acq: 17 Dec 2016 7:46

Tgt Ion:202 Resp: 96240

Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.2	9.2
100	6.3	5.2	7.8



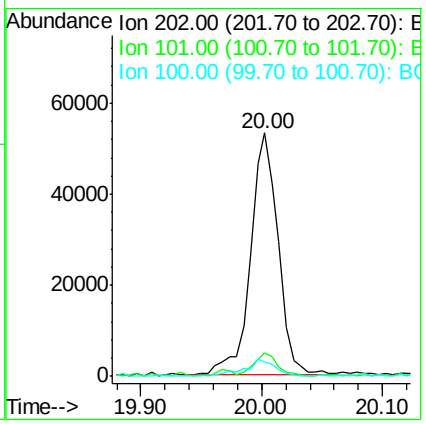


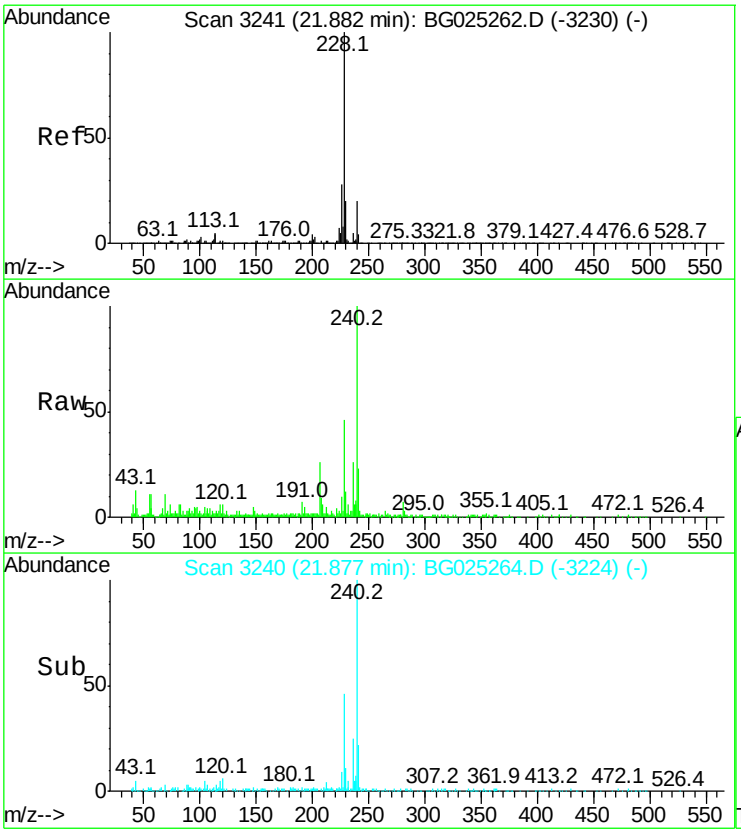
#77
Pyrene
Concen: 3.26 ng/ul
RT: 20.00 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BG025264.D
Acq: 17 Dec 2016 7:46

Instrument :
BNA_G
ClientSampleId :
DA863DL

Tgt Ion:202 Resp: 84901

Ion	Ratio	Lower	Upper
202	100		
101	9.4	6.9	10.3
100	5.9	6.6	10.0#

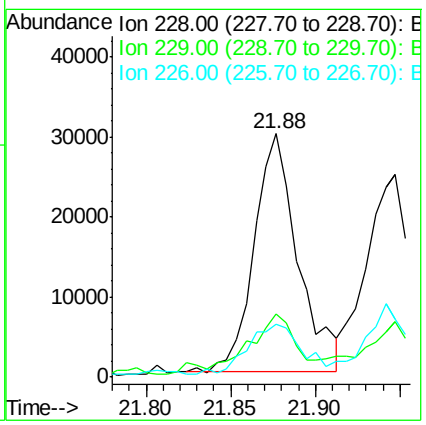


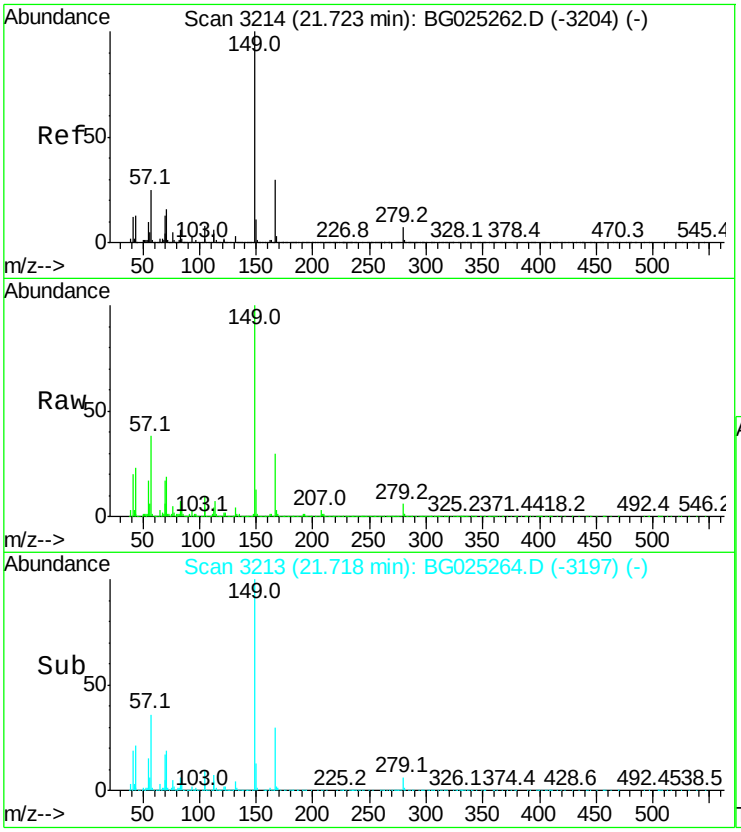


#80
Benzo(a)anthracene
Concen: 1.90 ng/ul
RT: 21.88 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG025264.D
Acq: 17 Dec 2016 7:46

Tgt Ion:228 Resp: 53488

Ion	Ratio	Lower	Upper
228	100		
229	26.1	16.3	24.5#
226	21.8	21.9	32.9#



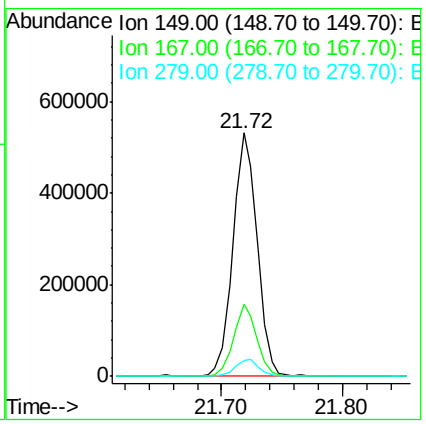


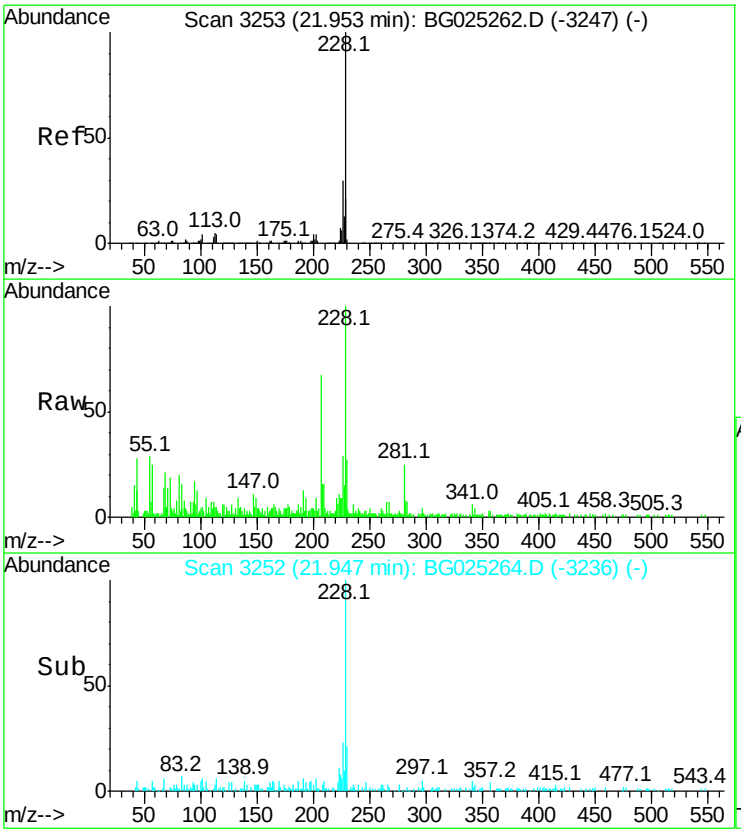
#81
Bis(2-ethylhexyl)phthalate
Concen: 52.67 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BG025264.D
Acq: 17 Dec 2016 7:46

Instrument :
BNA_G
ClientSampleId :
DA863DL

Tgt Ion:149 Resp: 738339

Ion	Ratio	Lower	Upper
149	100		
167	29.8	21.8	32.8
279	6.5	4.5	6.7

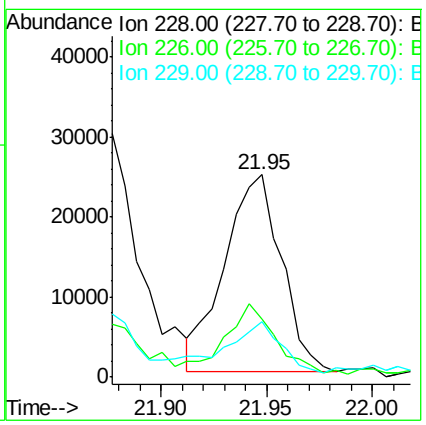


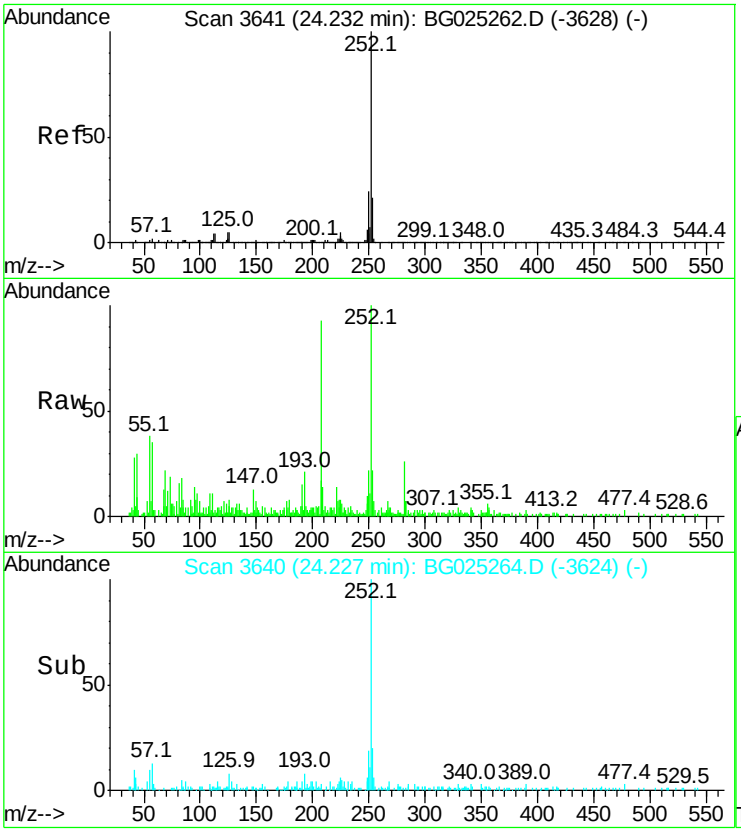


#82
Chrysene
Concen: 1.74 ng/ul
RT: 21.95 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG025264.D
Acq: 17 Dec 2016 7:46

Tgt Ion:228 Resp: 45836

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	27.5	16.9	25.3#



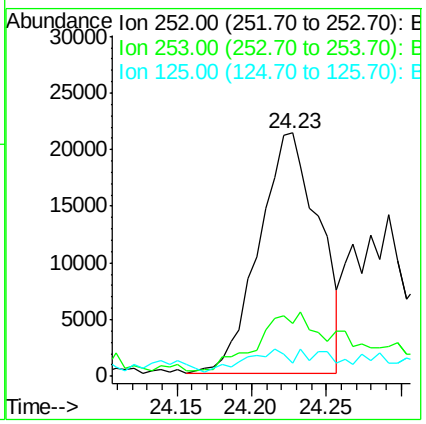


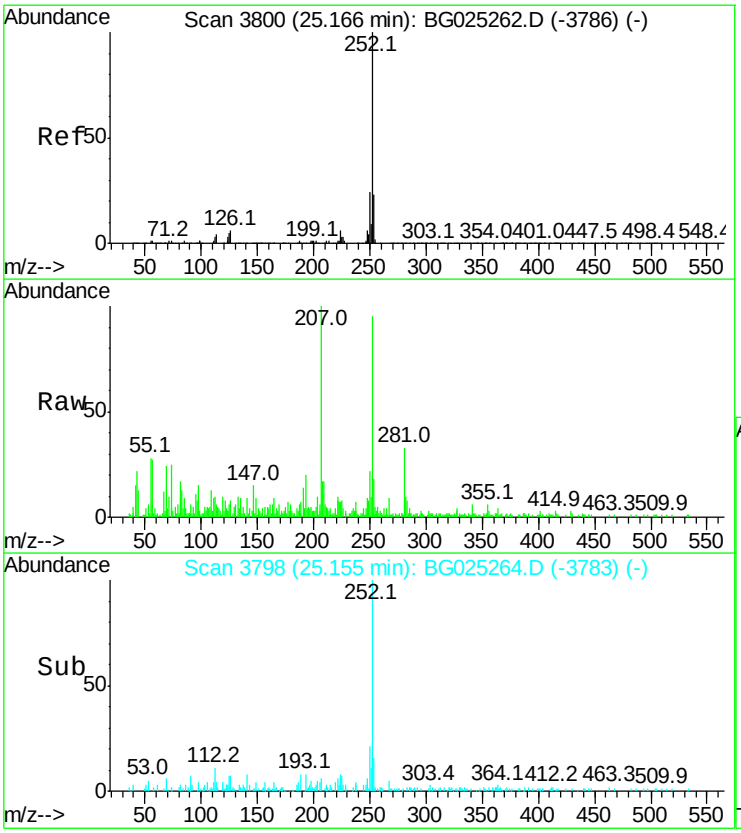
#85
Benzo(b)fluoranthene
Concen: 2.16 ng/ul
RT: 24.23 min Scan# 3640
Delta R.T. -0.01 min
Lab File: BG025264.D
Acq: 17 Dec 2016 7:46

Instrument :
BNA_G
ClientSampleId :
DA863DL

Tgt Ion:252 Resp: 59043

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	5.3	4.0	6.0





#88
Benzo(a)pyrene
Concen: 1.95 ng/ul
RT: 25.16 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG025264.D
Acq: 17 Dec 2016 7:46

Tgt Ion:252 Resp: 51322

Ion	Ratio	Lower	Upper
252	100		
253	19.5	17.8	26.6
125	6.3	5.4	8.0