Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023563.D
Acq On : 9 Aug 2016 19:19
Operator : UM/SJ
Sample : H4362-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS005-0002-02

Quant Time: Aug 10 05:03:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	129857	20.00 ng/ul	-0.02
18) Naphthalene-d8	10.95	136	586450	20.00 ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	434786	20.00 ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	1111472	20.00 ng/ul	0.00
75) Chrysene-d12	21.87	240	1116084	20.00 ng/ul	0.00
83) Perylene-d12	25.26	264	1108244	20.00 ng/ul	0.01
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.48	96	5500	1.80 ng/uL	0.00
5) Phenol-d5	7.26	99	290532	22.21 ng/ul	-0.03
7) Bis-(2-Chloroethyl)ether-d	7.43	67	186606	22.26 ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	199850	22.39 ng/ul	-0.03
13) 4-Methylphenol-d8	8.82	113	209638	20.53 ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	108860	23.55 ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	127597	24.03 ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.72	165	1473	0.15 ng/ul	0.13
29) 4-Chloroaniline-d4	11.09	131	237114	20.18 ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	865602	24.32 ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1010034	25.21 ng/ul	-0.01
51) 4-Nitrophenol-d4	15.00	143	128704	21.18 ng/ul	0.00
57) Fluorene-d10	15.78	176	822929	25.02 ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	147445	20.68 ng/ul	0.00
70) Anthracene-d10	17.65	188	1262128	25.20 ng/ul	0.00
76) Pyrene-d10	19.94	212	1416529	25.07 ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1284212	25.60 ng/ul	0.01
Target Compounds					Qvalue
44) Dimethylphthalate	14.23	163	896498	25.43 ng/ul	98
69) Phenanthrene	17.59	178	114604	1.99 ng/ul	99
71) Anthracene	17.59	178	114604	1.95 ng/ul	98
74) Fluoranthene	19.60	202	220413	3.74 ng/ul#	91
77) Pyrene	19.97	202	220444	3.20 ng/ul#	93
80) Benzo(a)anthracene	21.92	228	99998	1.59 ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.72	149	36086	1.03 ng/ul	98
82) Chrysene	21.92	228	101200	1.77 ng/ul	97
88) Benzo(a)pyrene	25.10	252	81766	1.34 ng/ul#	90

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

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Instrument :
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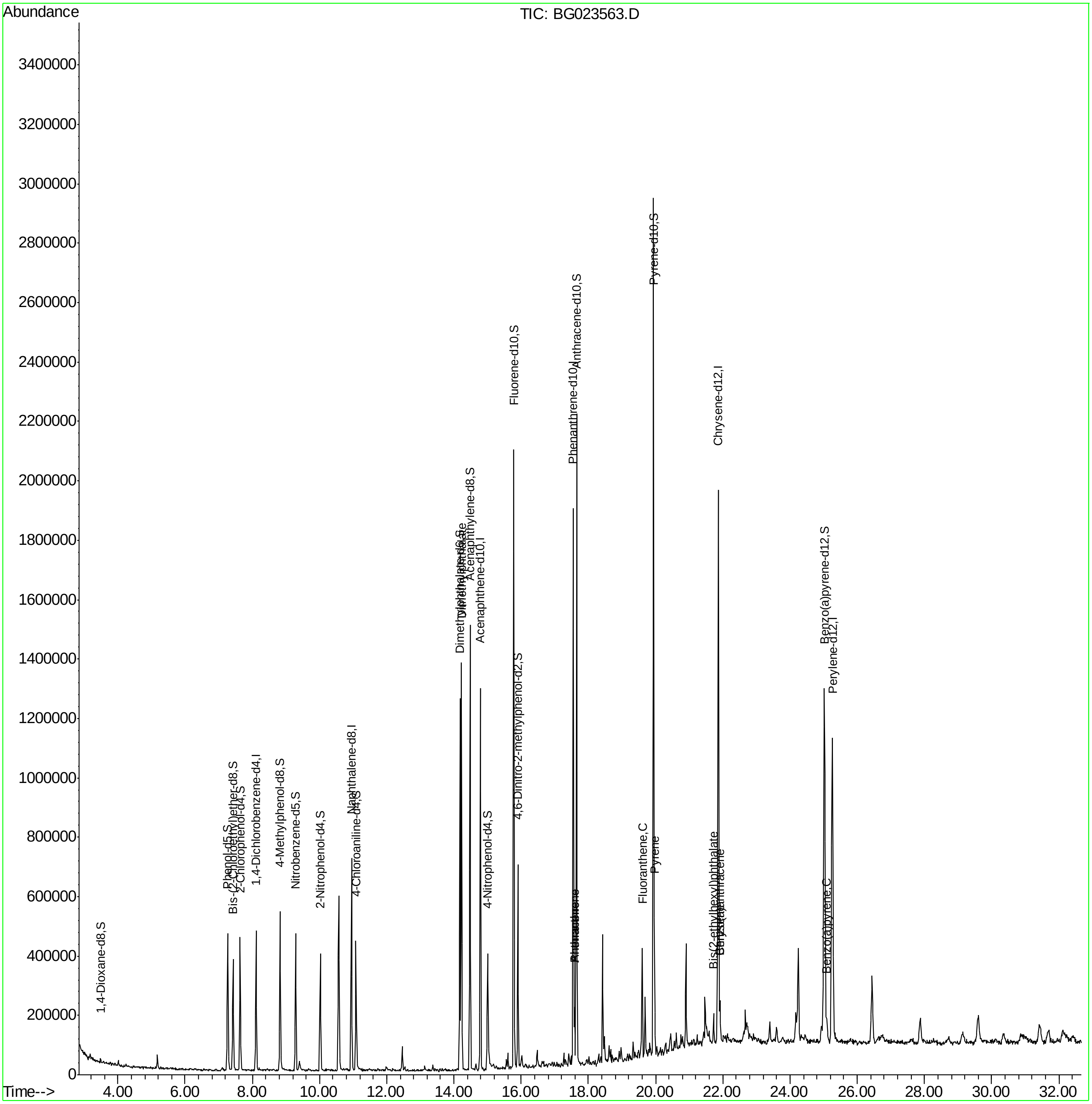
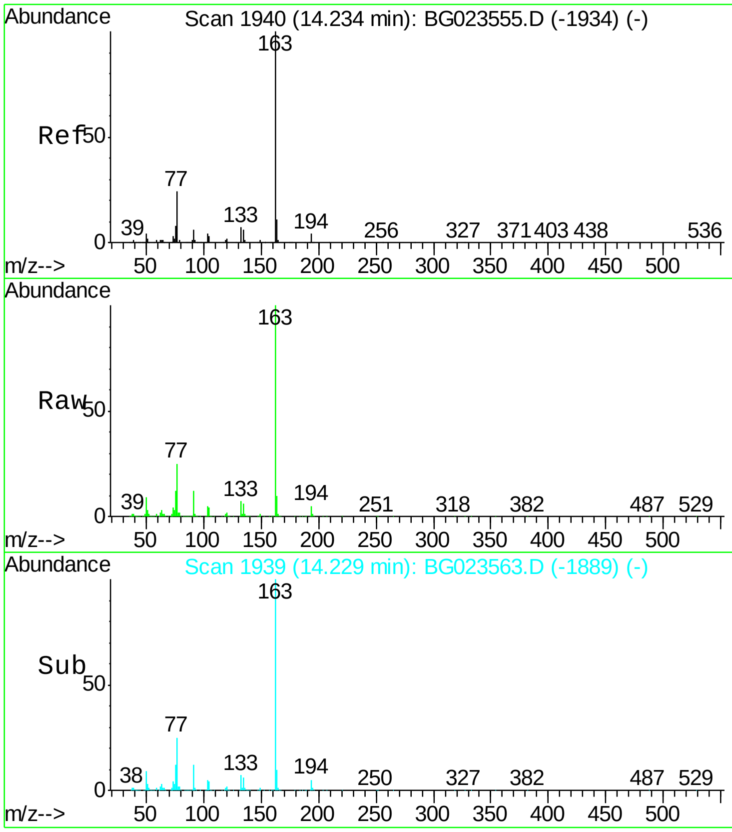


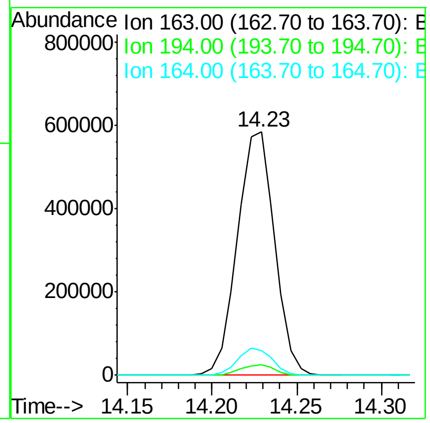


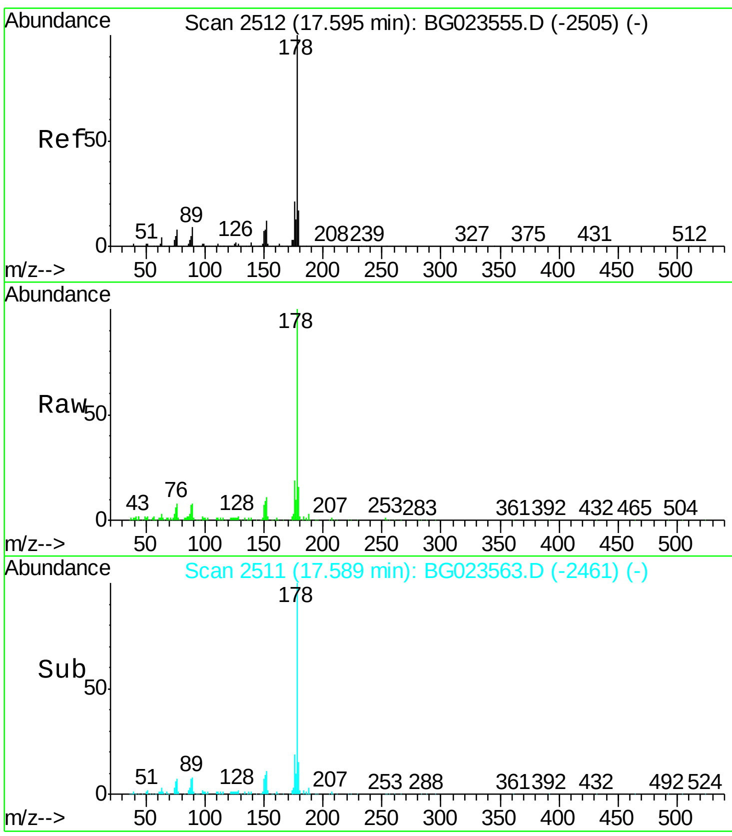
#44
Dimethylphthalate
Concen: 25.43 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG023563.D
Acq: 9 Aug 2016 19:19

Instrument : BNA_G
ClientSampleId : PR001-SS005-0002-02

Tgt Ion:163 Resp: 896498

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.9	8.8	13.2

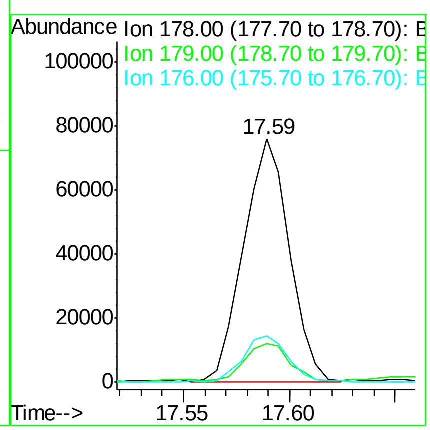


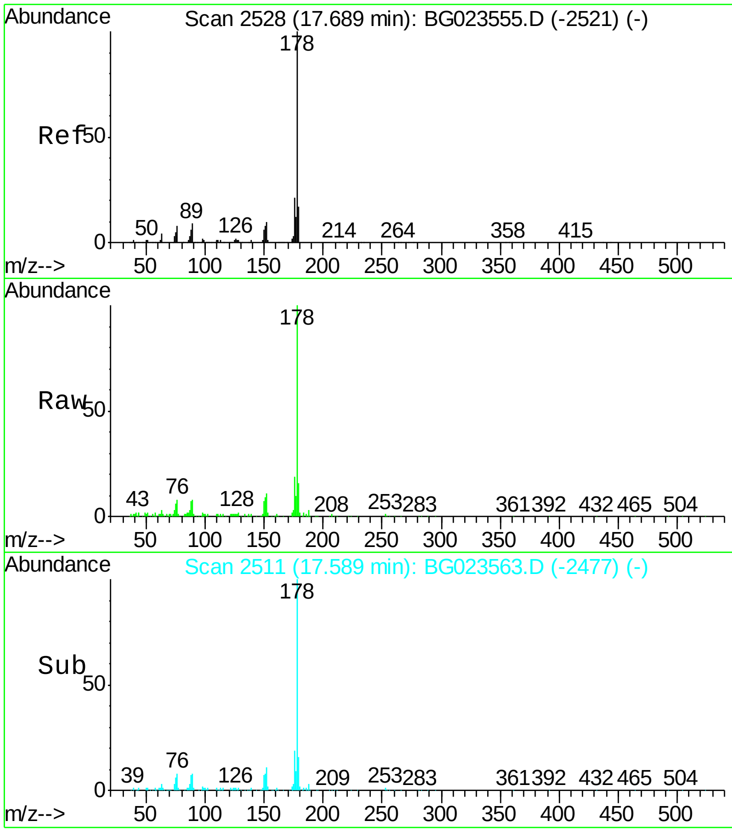


#69
Phenanthrene
Concen: 1.99 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG023563.D
Acq: 9 Aug 2016 19:19

Tgt Ion:178 Resp: 114604

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.3	15.8	23.8



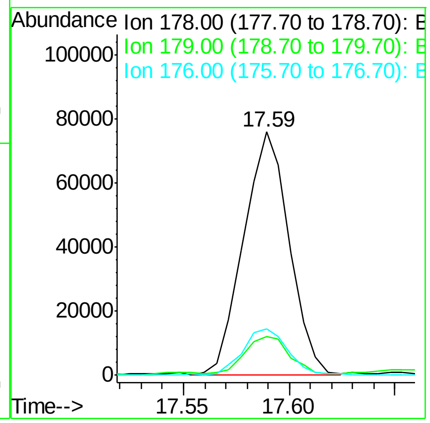


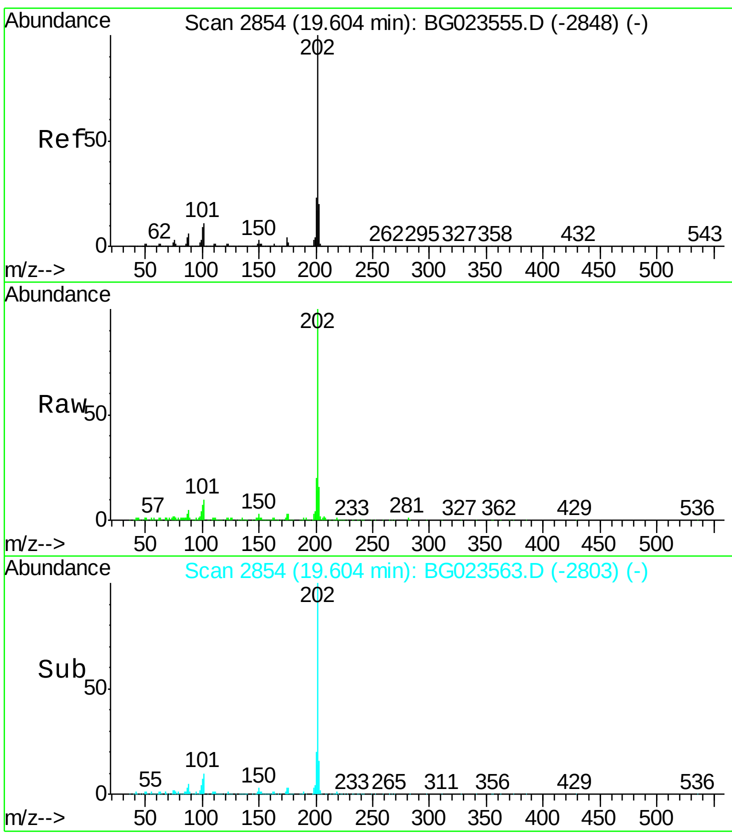
#71
Anthracene
Concen: 1.95 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.10 min
Lab File: BG023563.D
Acq: 9 Aug 2016 19:19

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-02

Tgt Ion:178 Resp: 114604

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.3	16.3	24.5

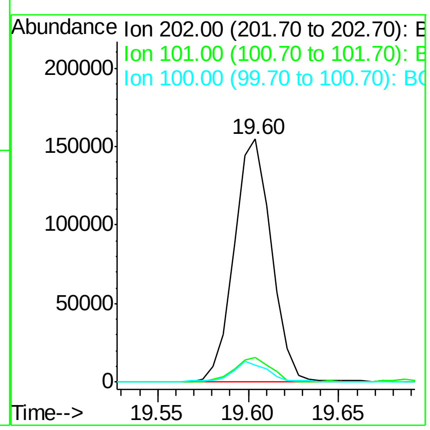


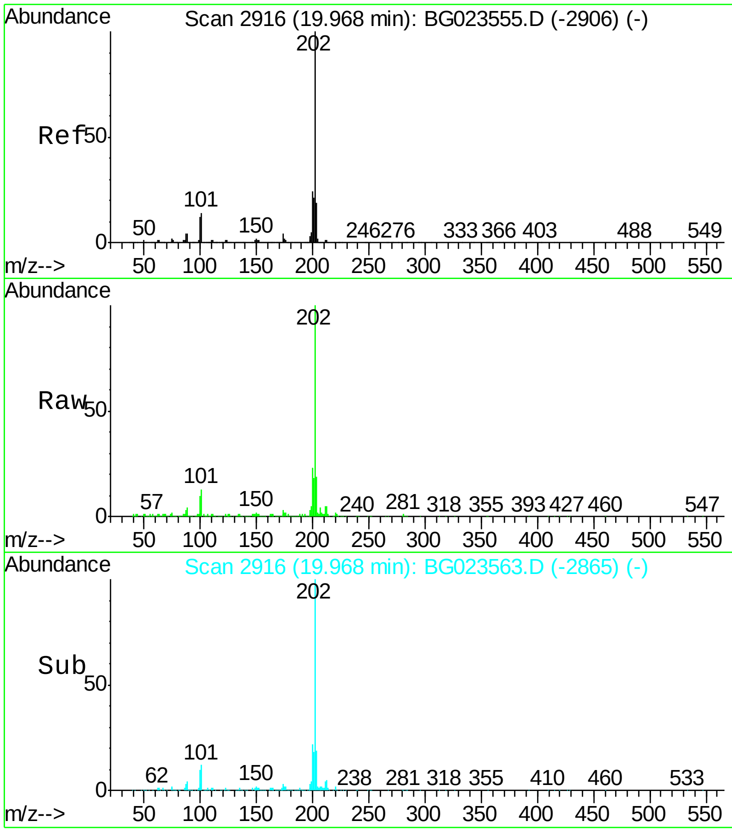


#74
Fluoranthene
Concen: 3.74 ng/ul
RT: 19.60 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023563.D
Acq: 9 Aug 2016 19:19

Tgt Ion:202 Resp: 220413

Ion	Ratio	Lower	Upper
202	100		
101	10.2	10.6	16.0#
100	6.9	8.7	13.1#



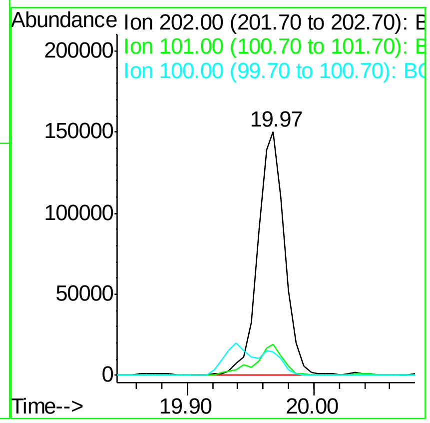


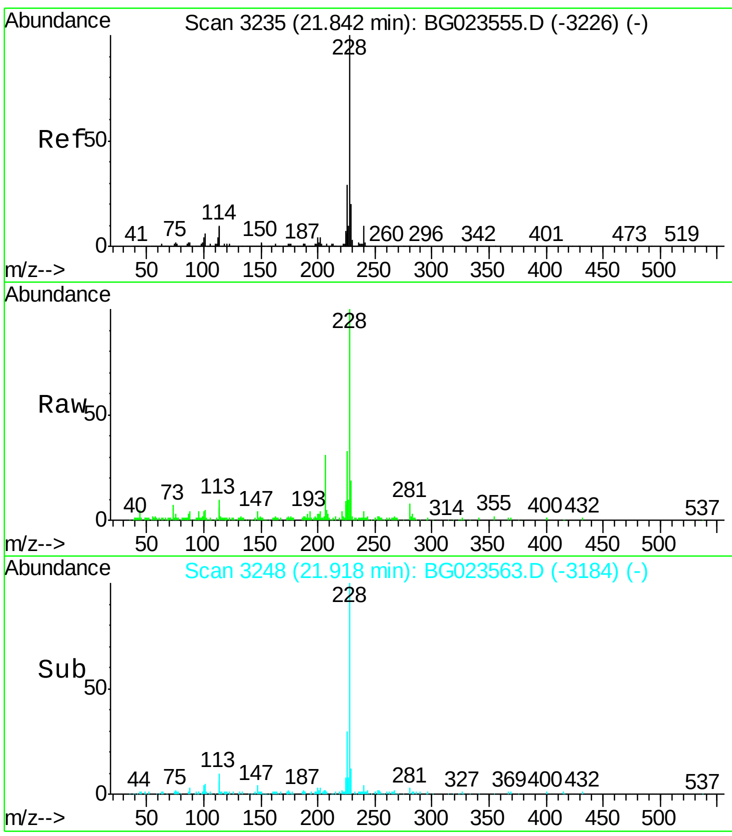
#77
Pyrene
Concen: 3.20 ng/ul
RT: 19.97 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BG023563.D
Acq: 9 Aug 2016 19:19

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-02

Tgt Ion:202 Resp: 220444

Ion	Ratio	Lower	Upper
202	100		
101	12.7	12.5	18.7
100	9.7	10.2	15.4#

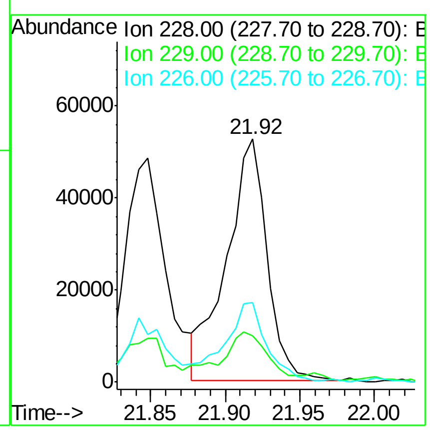


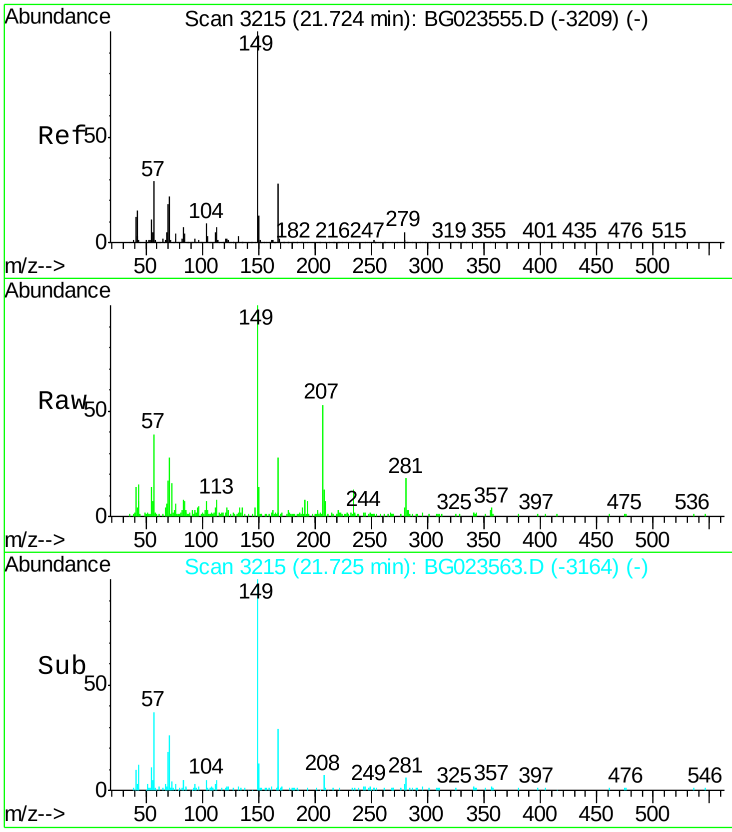


#80
Benzo(a)anthracene
Concen: 1.59 ng/ul
RT: 21.92 min Scan# 3248
Delta R.T. 0.08 min
Lab File: BG023563.D
Acq: 9 Aug 2016 19:19

Tgt Ion:228 Resp: 99998

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.4	23.2
226	32.8	22.8	34.2



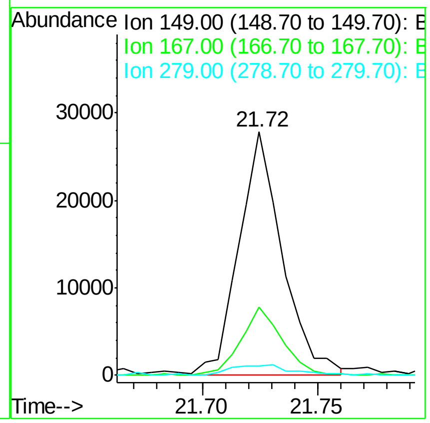


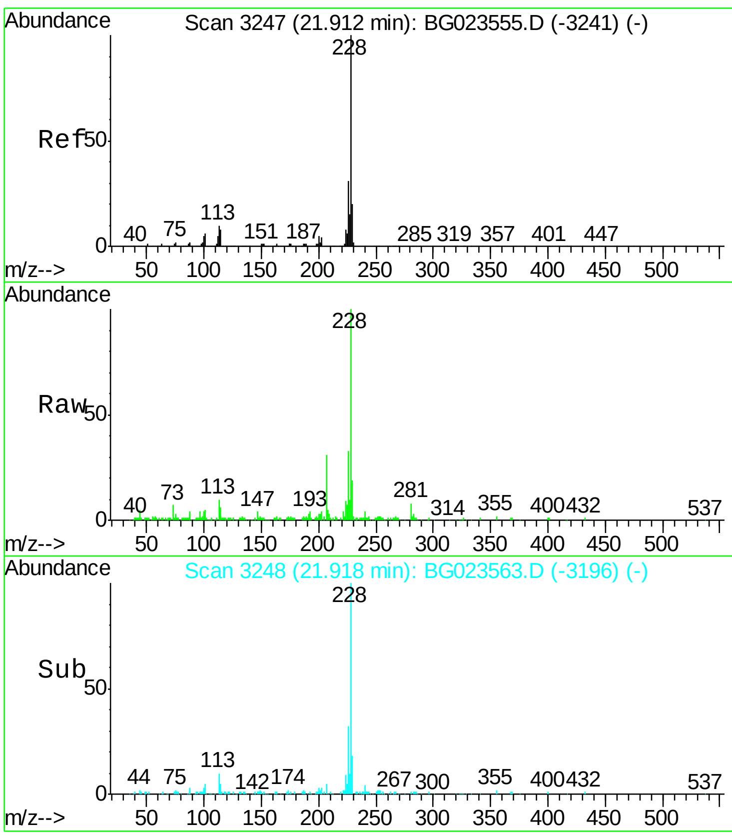
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.03 ng/ul
RT: 21.72 min Scan# 3215
Delta R.T. 0.00 min
Lab File: BG023563.D
Acq: 9 Aug 2016 19:19

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-02

Tgt Ion:149 Resp: 36086

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.9	32.9
279	4.0	2.9	4.3

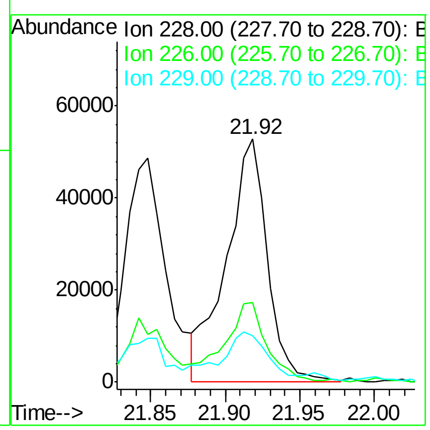


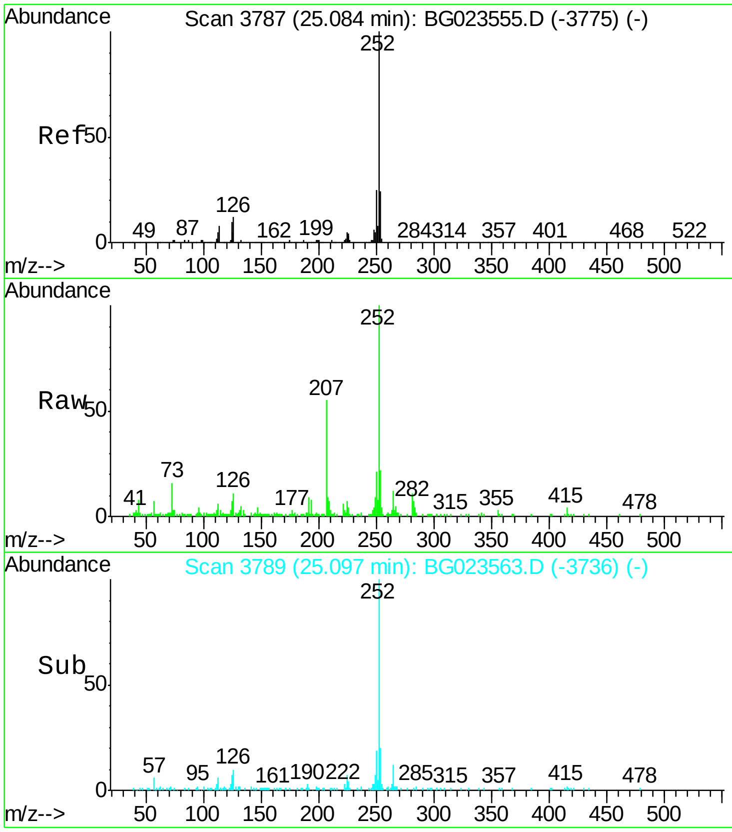


#82
Chrysene
Concen: 1.77 ng/ul
RT: 21.92 min Scan# 3248
Delta R.T. 0.01 min
Lab File: BG023563.D
Acq: 9 Aug 2016 19:19

Tgt Ion:228 Resp: 101200

Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.2	36.4
229	19.3	15.0	22.6





#88
Benzo(a)pyrene
Concen: 1.34 ng/ul
RT: 25.10 min Scan# 3789
Delta R.T. 0.01 min
Lab File: BG023563.D
Acq: 9 Aug 2016 19:19

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-02

Tgt Ion:252 Resp: 81766

Ion	Ratio	Lower	Upper
252	100		
253	21.5	19.0	28.4
125	7.4	12.0	18.0#