Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023595.D
Acq On : 10 Aug 2016 16:54
Operator : UM/SJ
Sample : H4360-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS002-0206-01

Manual Integrations APPROVED
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Quant Time: Aug 11 04:37:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	170058	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	762151	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	520153	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1246586	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1229665	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1226075	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	6164	1.54	ng/uL	0.00
5) Phenol-d5	7.26	99	302351	17.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	209036	19.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	225101	19.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	216944	16.22	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	109858	18.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	133923	19.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	234408	18.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	226051m	14.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	838341	19.68	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	967081	20.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	121672m	16.74	ng/ul	0.01
57) Fluorene-d10	15.78	176	771642	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	137351	17.17	ng/ul	0.00
70) Anthracene-d10	17.65	188	1160032	20.65	ng/ul	0.00
76) Pyrene-d10	19.94	212	1264115	20.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1142383	20.58	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.22	163	557394	13.22	ng/ul	100
69) Phenanthrene	17.59	178	398667	6.18	ng/ul	99
74) Fluoranthene	19.60	202	646563	9.78	ng/ul#	94
77) Pyrene	19.97	202	750468	9.87	ng/ul#	92
80) Benzo(a)anthracene	21.85	228	312203m	4.51	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.73	149	122243	3.15	ng/ul#	96
82) Chrysene	21.92	228	353050	5.61	ng/ul	94
85) Benzo(b)fluoranthene	24.19	252	331672m	4.76	ng/ul	
86) Benzo(k)fluoranthene	24.24	252	110282	1.61	ng/ul#	93
88) Benzo(a)pyrene	25.10	252	268760m	3.99	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.14	276	161858	2.05	ng/ul#	86
91) Benzo(g,h,i)perylene	30.37	276	151047m	2.30	ng/ul	

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

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Instrument :
BNA_G
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Manual Integrations APPROVED
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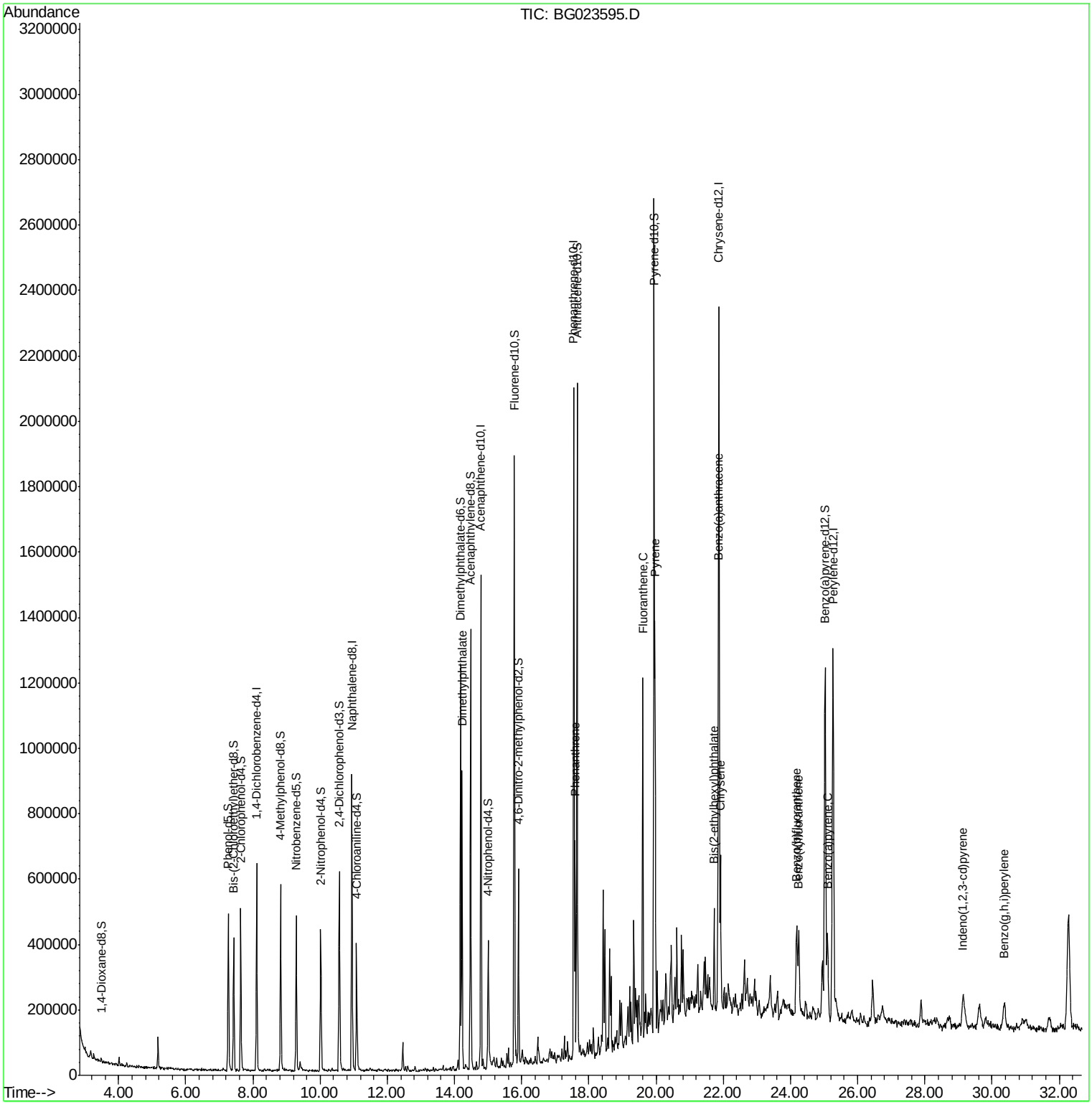
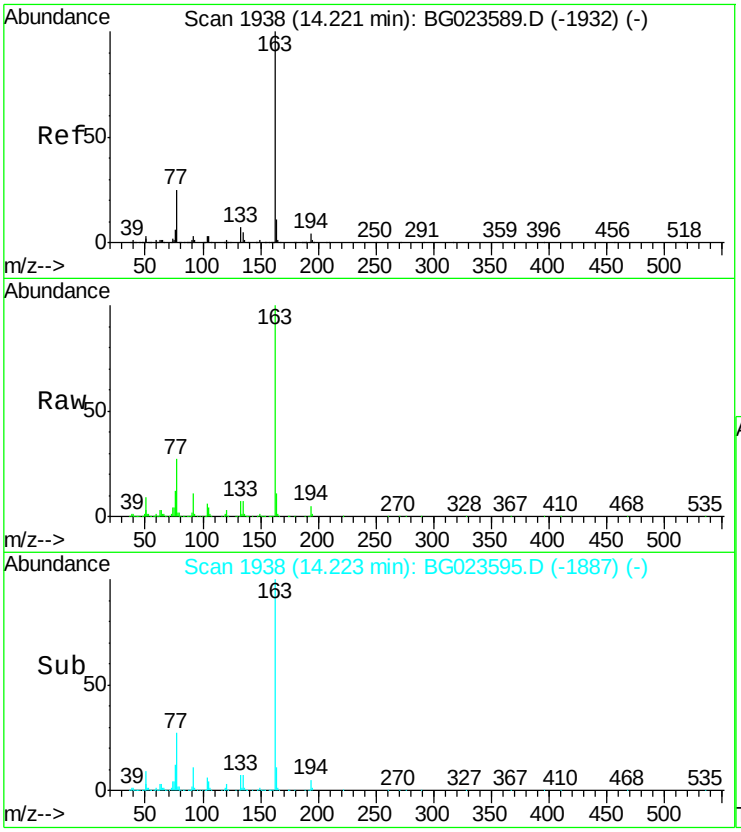
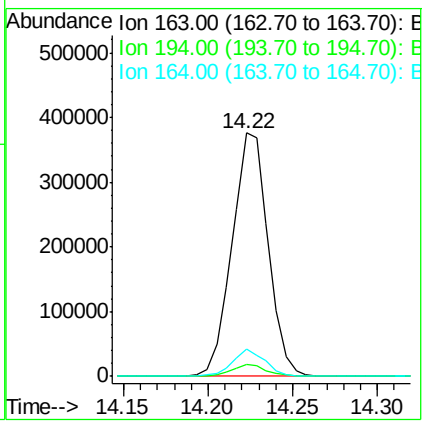




#44
Dimethylphthalate
Concen: 13.22 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG023595.D
Acq: 10 Aug 2016 16:54

Tgt Ion:163 Resp: 557394

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	11.1	8.8	13.2



Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0206-01

Manual Integrations APPROVED
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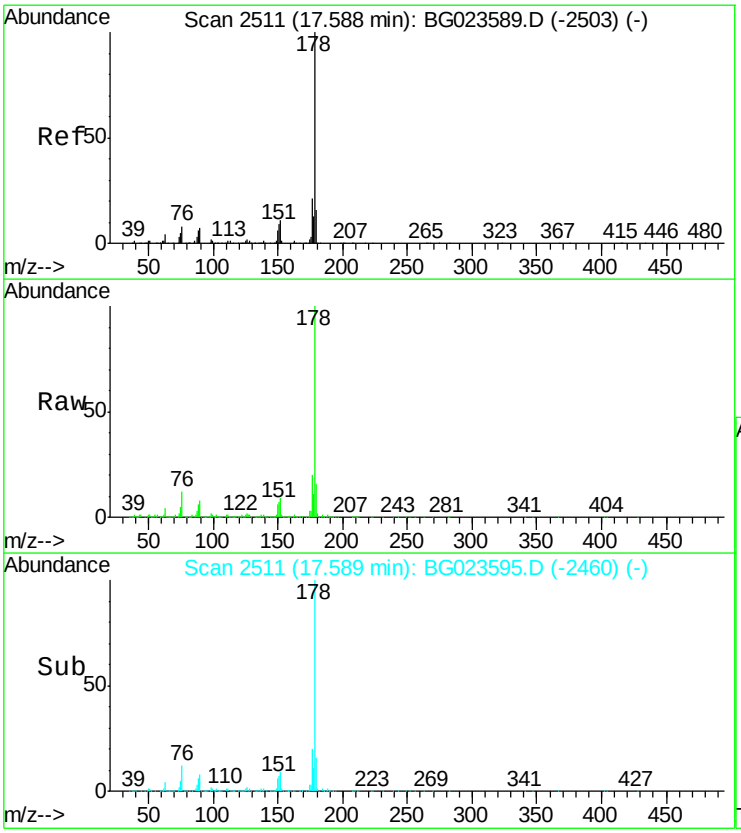
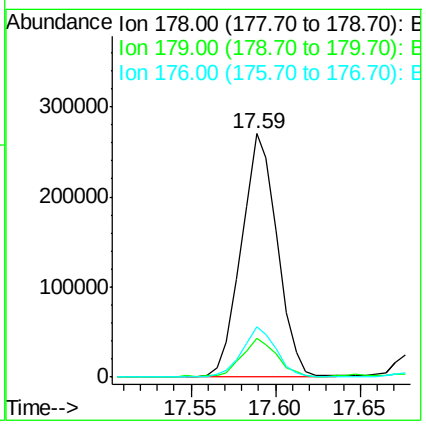
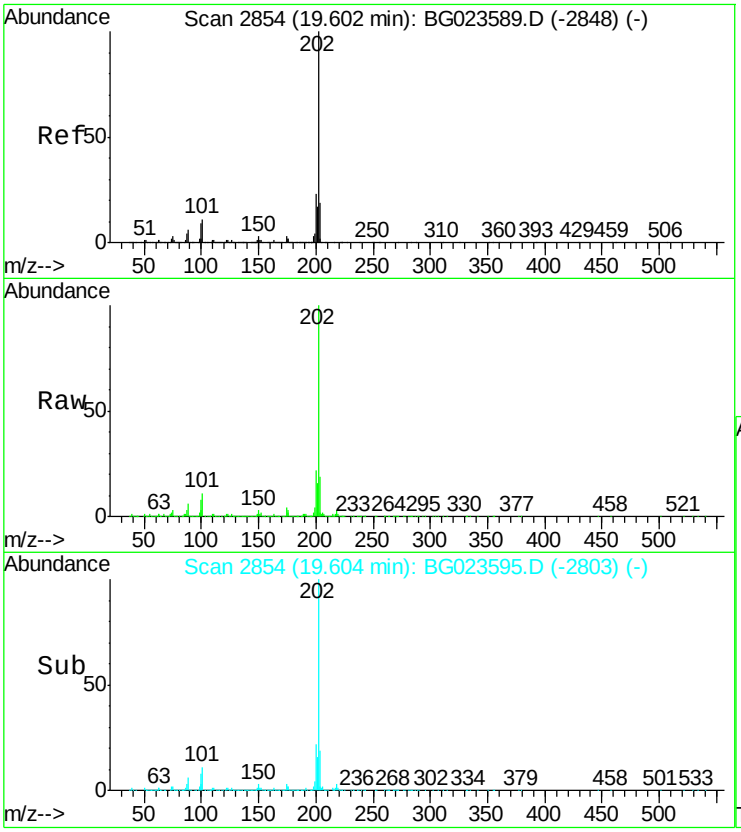


#69
Phenanthrene
Concen: 6.18 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG023595.D
Acq: 10 Aug 2016 16:54

Tgt Ion:178 Resp: 398667

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	20.4	15.8	23.8

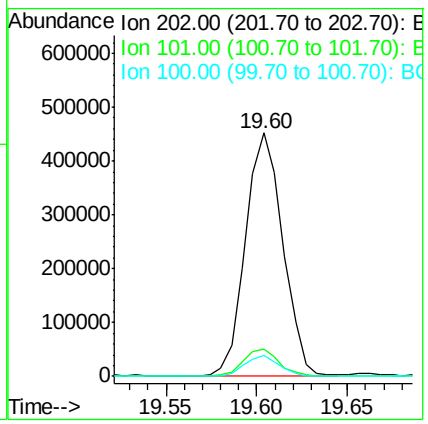




#74
Fluoranthene
Concen: 9.78 ng/ul
RT: 19.60 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023595.D
Acq: 10 Aug 2016 16:54

Tgt Ion:202 Resp: 646563

Ion	Ratio	Lower	Upper
202	100		
101	11.1	10.6	16.0
100	8.4	8.7	13.1#



Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0206-01

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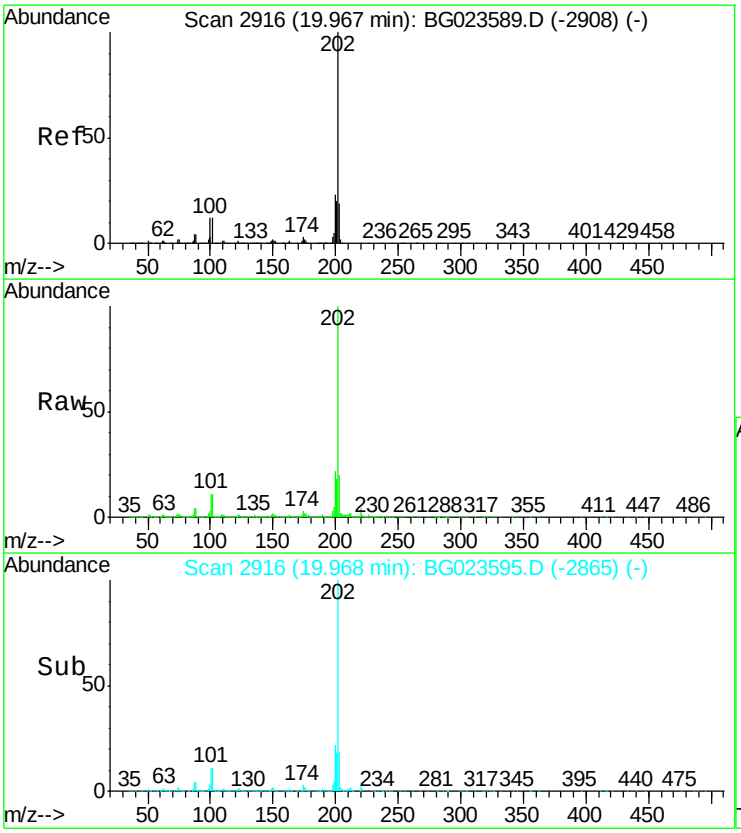
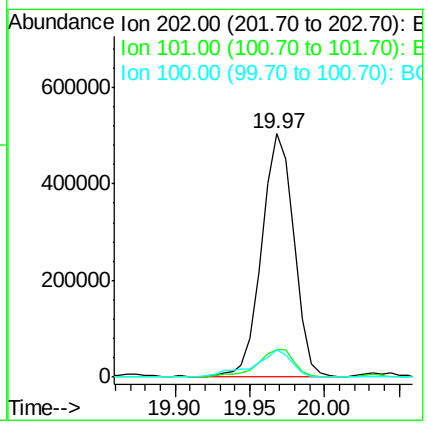
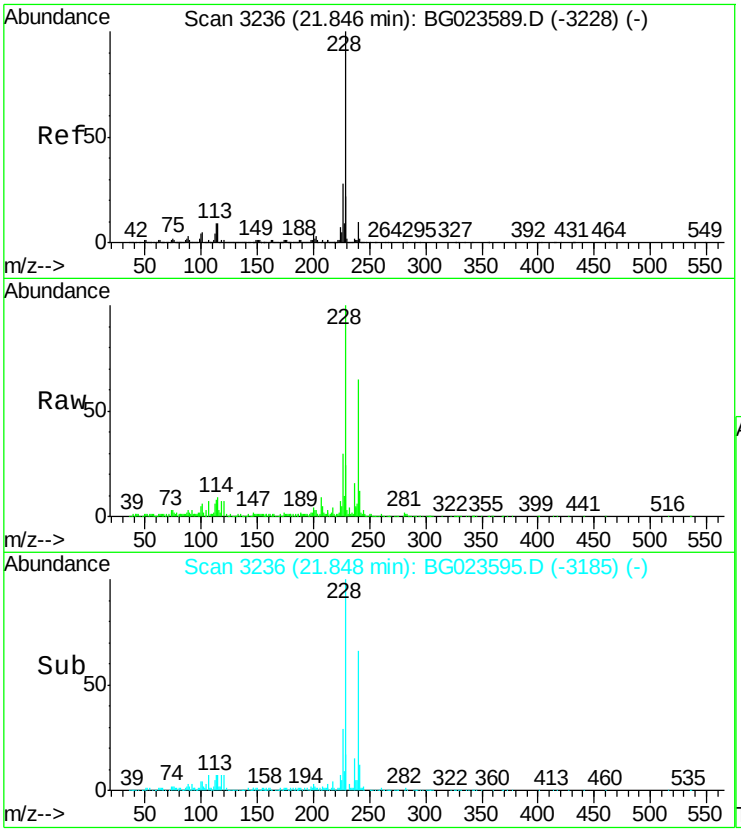


#77
Pyrene
Concen: 9.87 ng/ul
RT: 19.97 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BG023595.D
Acq: 10 Aug 2016 16:54

Tgt Ion:202 Resp: 750468

Ion	Ratio	Lower	Upper
202	100		
101	11.1	12.5	18.7#
100	11.0	10.2	15.4





#80
Benzo(a)anthracene
Concen: 4.51 ng/ul m
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG023595.D
Acq: 10 Aug 2016 16:54

Tgt Ion:228 Resp: 312203

Ion	Ratio	Lower	Upper
228	100		
229	23.6	15.4	23.2#
226	29.8	22.8	34.2

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0206-01

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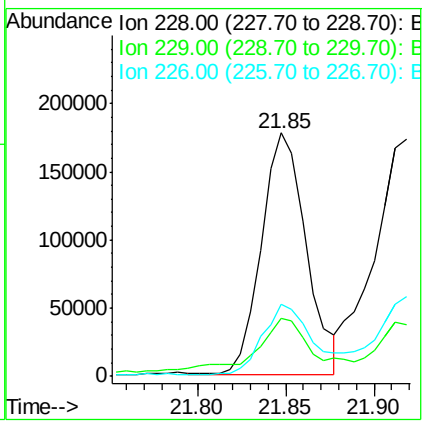
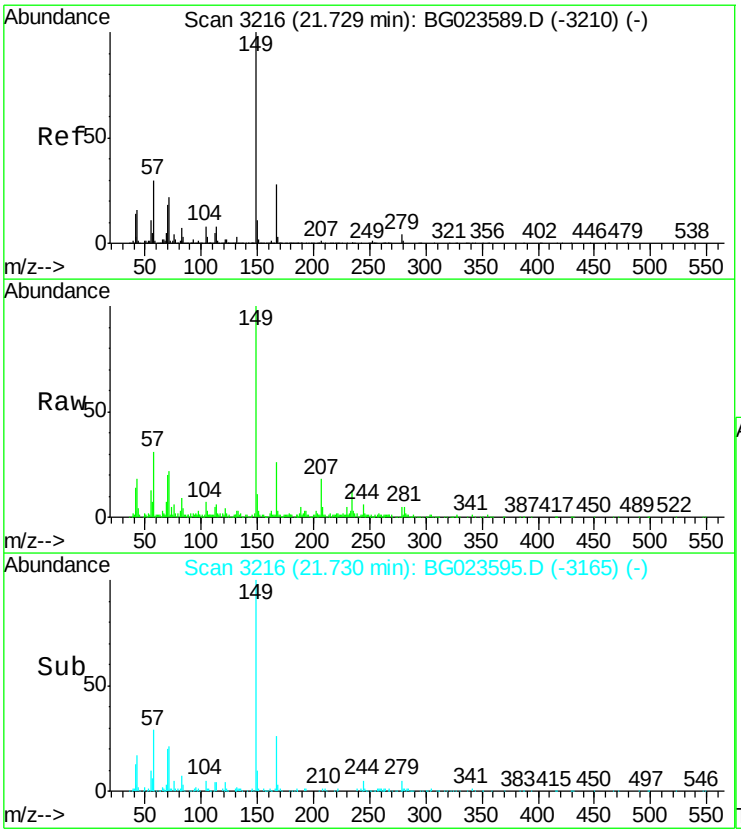
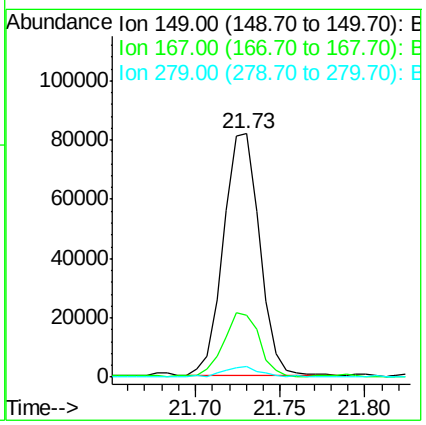


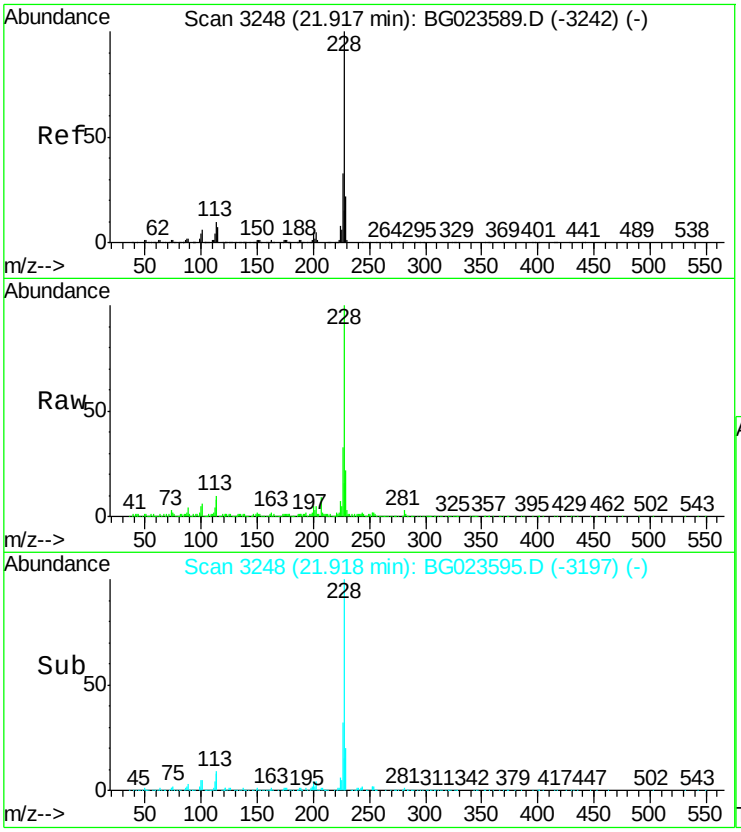


#81
Bis(2-ethylhexyl)phthalate
Concen: 3.15 ng/ul
RT: 21.73 min Scan# 3216
Delta R.T. 0.00 min
Lab File: BG023595.D
Acq: 10 Aug 2016 16:54

Tgt Ion:149 Resp: 122243

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.9	32.9
279	4.6	2.9	4.3#





#82
Chrysene
Concen: 5.61 ng/ul
RT: 21.92 min Scan# 3248
Delta R.T. 0.00 min
Lab File: BG023595.D
Acq: 10 Aug 2016 16:54

Tgt Ion:228 Resp: 353050

Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.2	36.4
229	21.9	15.0	22.6

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0206-01

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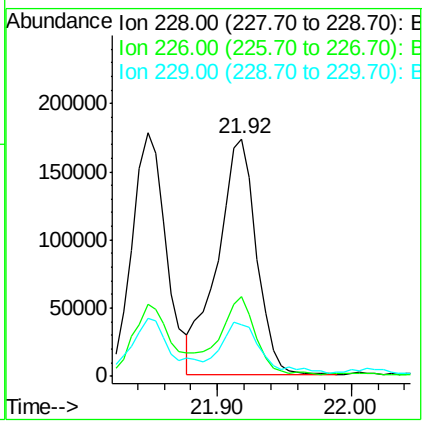
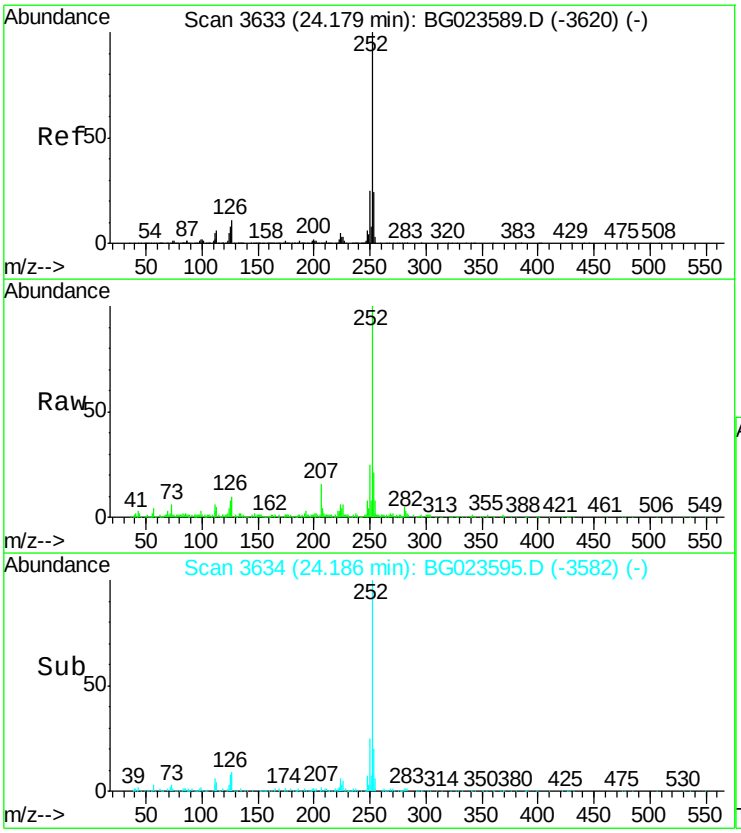
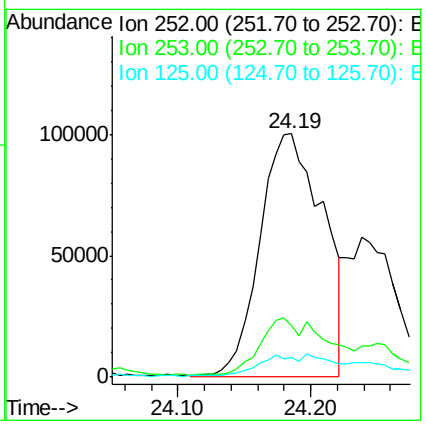


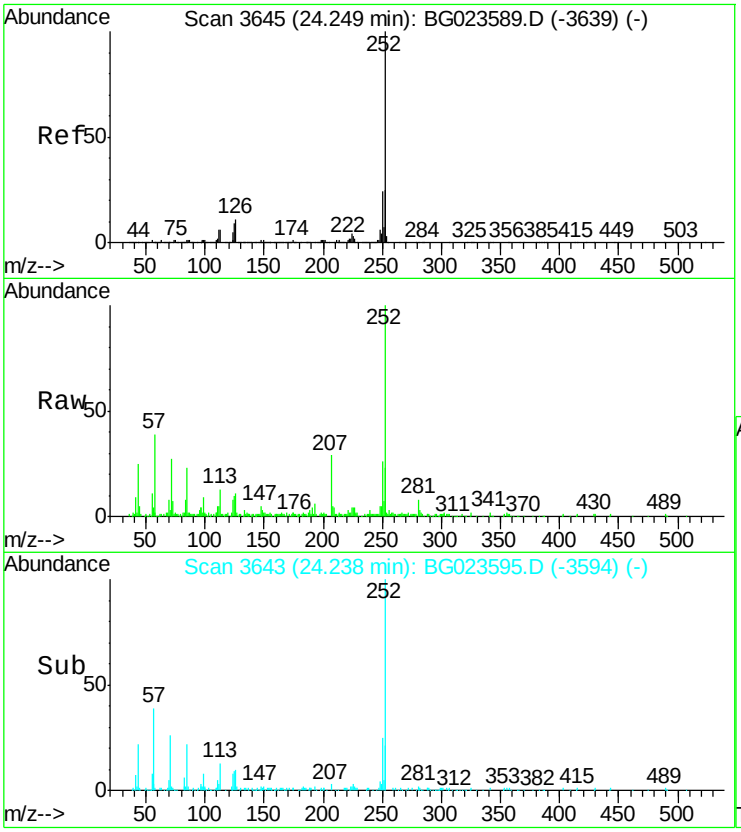


#85
Benzo(b)fluoranthene
Concen: 4.76 ng/ul m
RT: 24.19 min Scan# 3634
Delta R.T. 0.01 min
Lab File: BG023595.D
Acq: 10 Aug 2016 16:54

Tgt Ion:252 Resp: 331672

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.2
125	8.1	10.8	16.2#

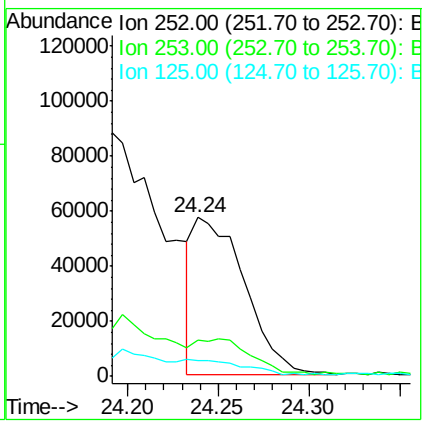




#86
Benzo(k)fluoranthene
Concen: 1.61 ng/ul
RT: 24.24 min Scan# 3643
Delta R.T. -0.01 min
Lab File: BG023595.D
Acq: 10 Aug 2016 16:54

Tgt Ion:252 Resp: 110282

Ion	Ratio	Lower	Upper
252	100		
253	22.5	15.8	23.6
125	10.3	10.6	16.0#



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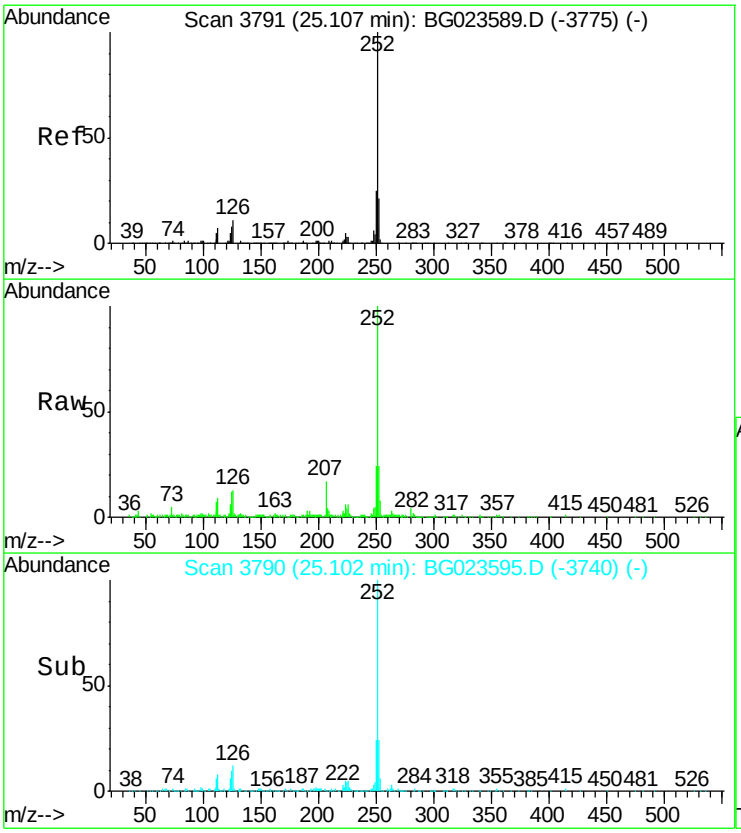
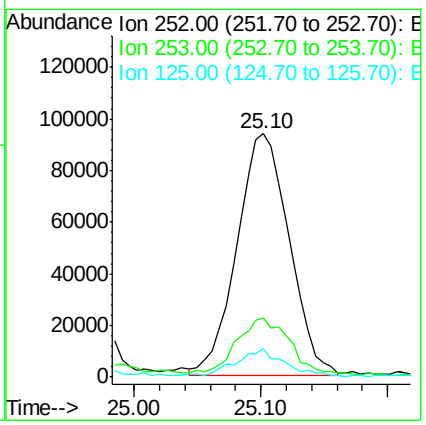
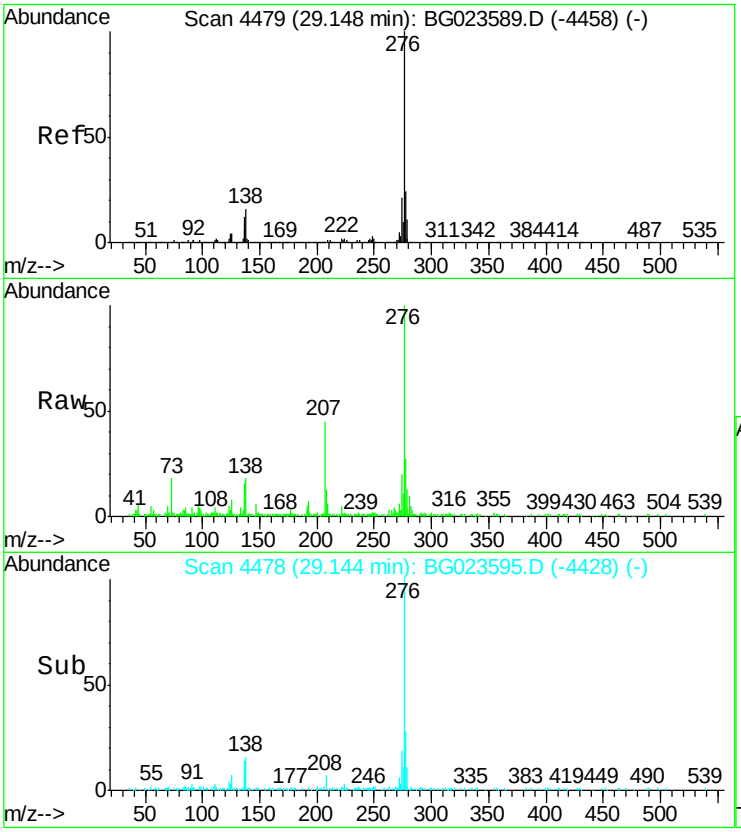


#88
Benzo(a)pyrene
Concen: 3.99 ng/ul m
RT: 25.10 min Scan# 3790
Delta R.T. -0.00 min
Lab File: BG023595.D
Acq: 10 Aug 2016 16:54

Tgt Ion:252 Resp: 268760

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.0	28.4
125	11.7	12.0	18.0#

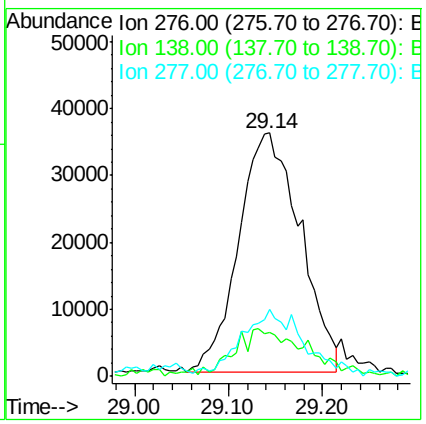




#89
Indeno(1,2,3-cd)pyrene
Concen: 2.05 ng/ul
RT: 29.14 min Scan# 4478
Delta R.T. -0.00 min
Lab File: BG023595.D
Acq: 10 Aug 2016 16:54

Tgt Ion:276 Resp: 161858

Ion	Ratio	Lower	Upper
276	100		
138	18.1	20.8	31.2#
277	27.4	17.6	26.4#



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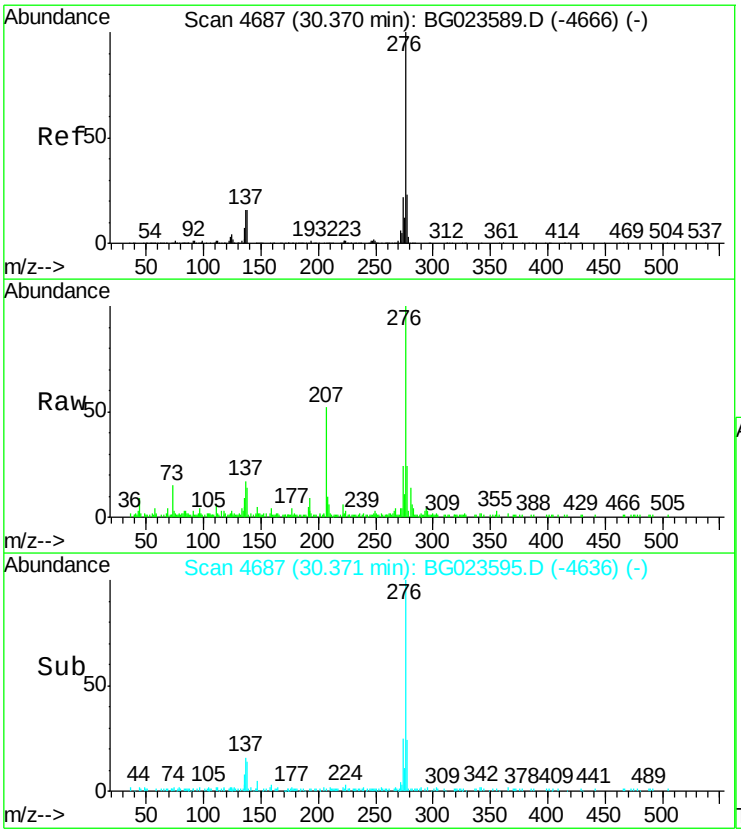

#91
Benzo(g,h,i)perylene
Concen: 2.30 ng/ul m
RT: 30.37 min Scan# 4687
Delta R.T. 0.00 min
Lab File: BG023595.D
Acq: 10 Aug 2016 16:54

Tgt Ion:276 Resp: 151047

Ion	Ratio	Lower	Upper
276	100		
138	13.7	22.1	33.1#
277	24.2	17.0	25.4