

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
 Data File : BG018197.D
 Acq On : 1 Aug 2015 1:06
 Operator : TP/UM
 Sample : G3073-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Q3

Manual Integrations
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 8/4/2015 12:22:20 PM

Quant Time: Aug 01 05:33:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:52:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	30861	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	146532	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	90288	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	199924m	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	220515m	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	232794	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	2.97	96	1542	3.77	ng/uL	0.00
5) Phenol-d5	6.67	99	49306	17.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	27782	19.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	36714	17.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	37584	16.63	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	20431	17.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	22934	17.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	39264	16.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	19531	6.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	135133	19.37	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	127053	15.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	12998	10.07	ng/ul	0.00
58) Fluorene-d10	15.15	176	96576	15.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	15749	11.28	ng/ul	0.00
71) Anthracene-d10	17.01	188	125806	14.47	ng/ul	0.00
79) Pyrene-d10	19.32	212	124293	11.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	113197	9.62	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	13.62	163	71952	10.37	ng/ul	99
70) Phenanthrene	16.95	178	44437m	4.38	ng/ul	
72) Anthracene	17.04	178	10664m	1.06	ng/ul	
77) Fluoranthene	18.97	202	66533	5.96	ng/ul	97
80) Pyrene	19.34	202	57708	4.31	ng/ul	98
83) Benzo(a)anthracene	21.10	228	30217	2.54	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	9319	1.27	ng/ul	95
85) Chrysene	21.15	228	29310m	2.69	ng/ul	
88) Benzo(b)fluoranthene	22.63	252	43223	3.09	ng/ul#	87
91) Benzo(a)pyrene	23.19	252	29011	2.32	ng/ul#	89
92) Indeno(1,2,3-cd)pyrene	25.47	276	19267	1.33	ng/ul#	94
94) Benzo(g,h,i)perylene	26.14	276	18535	1.57	ng/ul	96

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

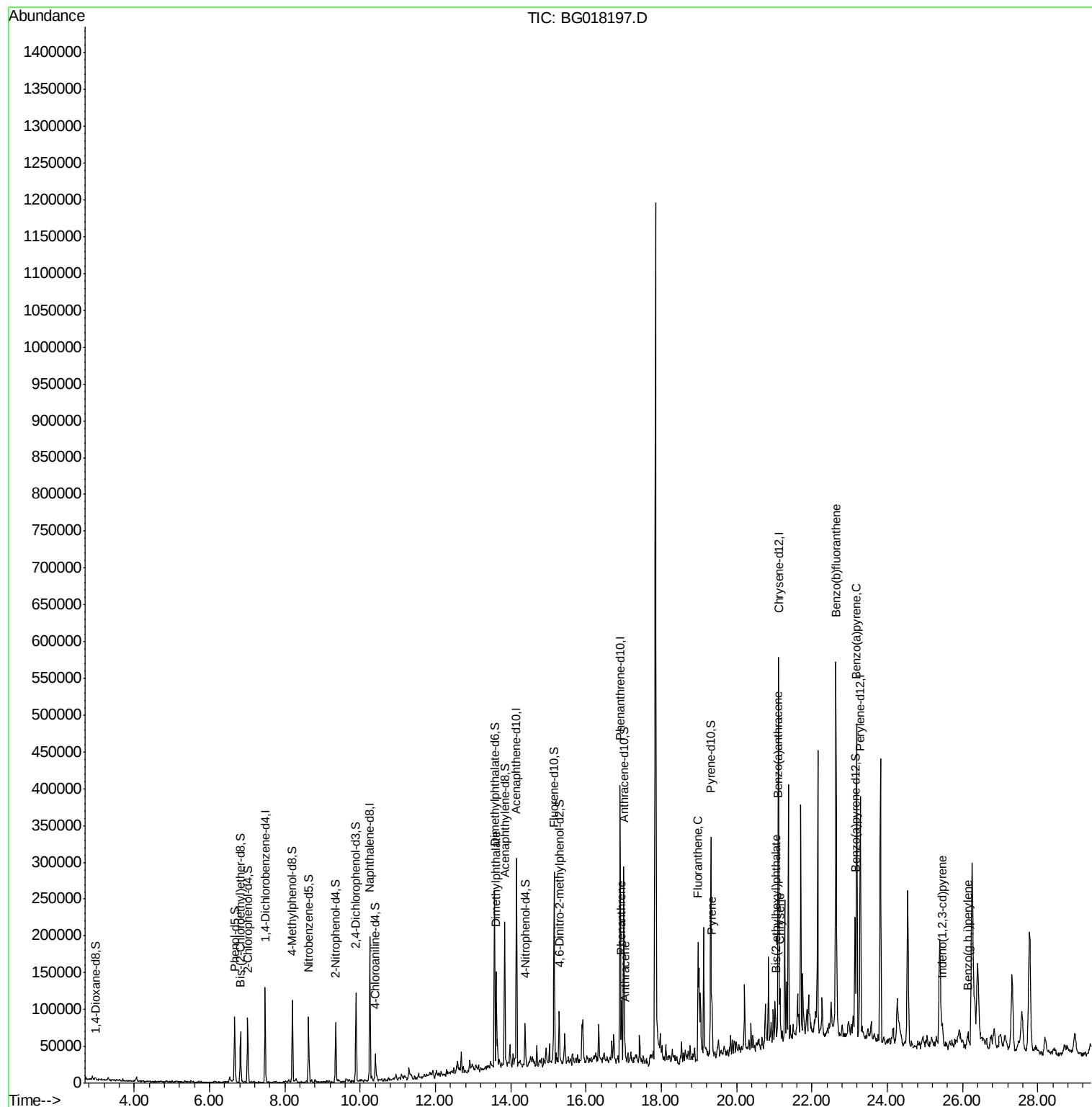
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018197.D
Acq On : 1 Aug 2015 1:06
Operator : TP/UM
Sample : G3073-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

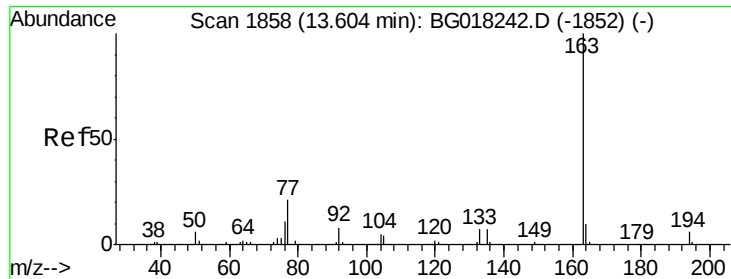
Instrument :
BNA_G
ClientSampleId :
C01Q3

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Quant Time: Aug 01 05:33:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
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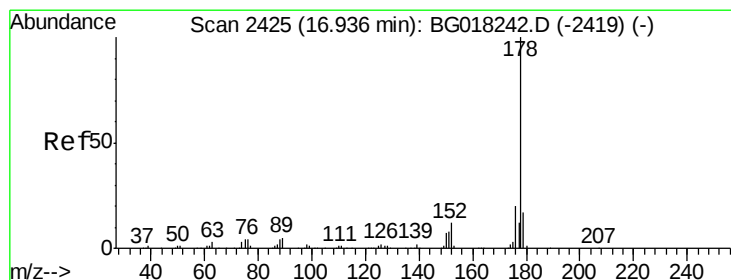
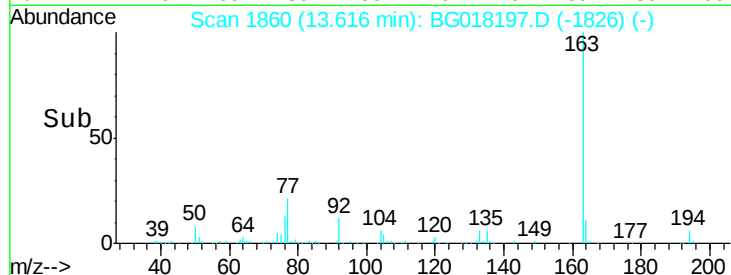
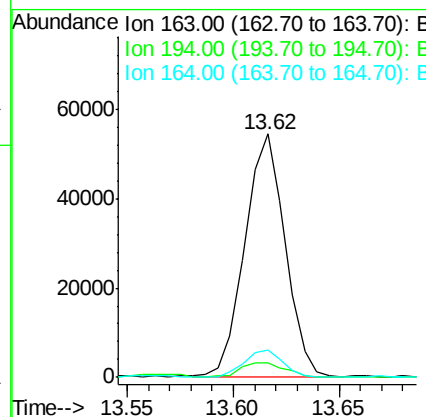
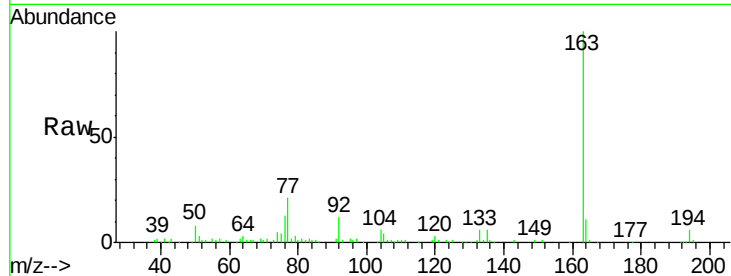
#45
Dimethylphthalate
Concen: 10.37 ng/ul
RT: 13.62 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BG018197.D
Acq: 1 Aug 2015 1:06

Instrument :
BNA_G
ClientSampleId :
C01Q3

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	71952		
194	6.0	5.2	7.8	
164	11.0	8.4	12.6	

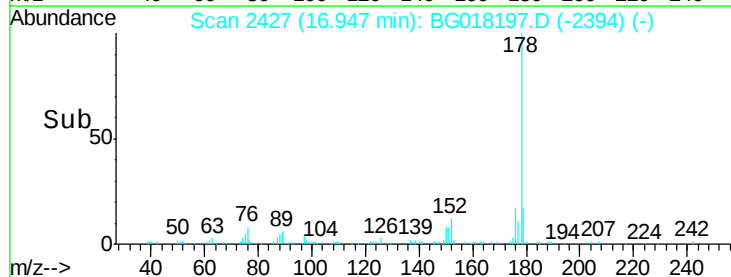
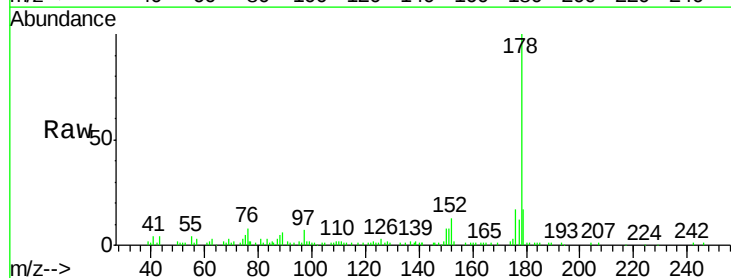
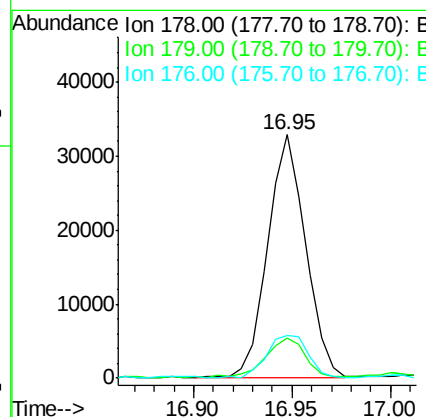
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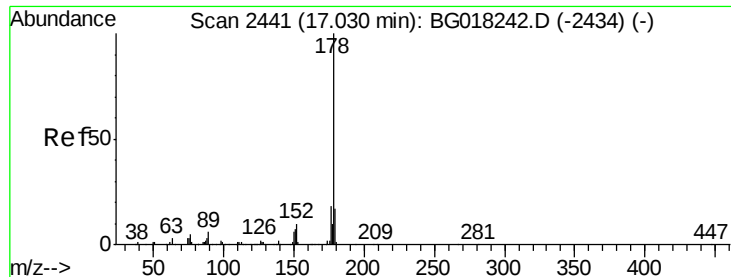
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#70
Phenanthrene
Concen: 4.38 ng/ul m
RT: 16.95 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG018197.D
Acq: 1 Aug 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	44437		
179	16.6	12.8	19.2	
176	17.3	16.0	24.0	





#72

Anthracene

Concen: 1.06 ng/ul m

RT: 17.04 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG018197.D

Acq: 1 Aug 2015 1:06

Instrument :

BNA_G

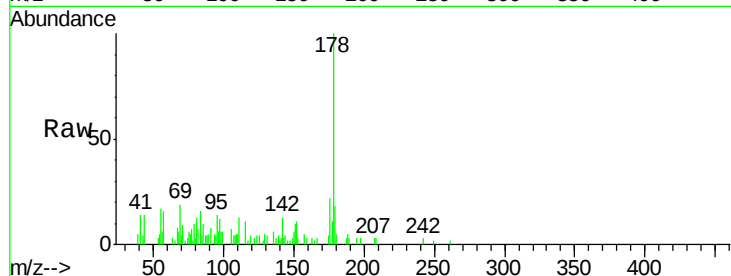
ClientSampleId :

C01Q3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.2	18.2#
176	22.0	14.8	22.2

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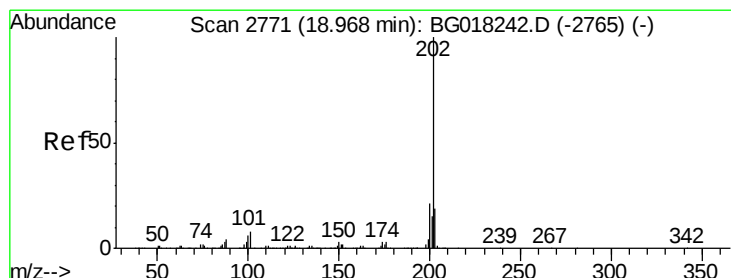
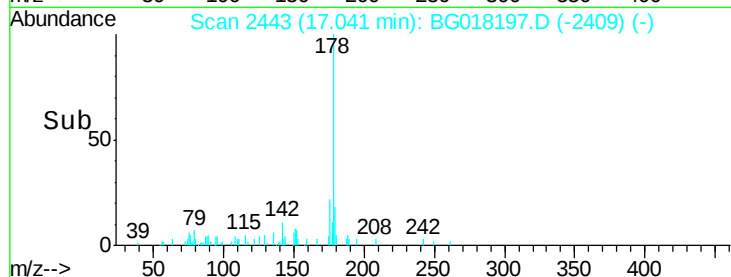
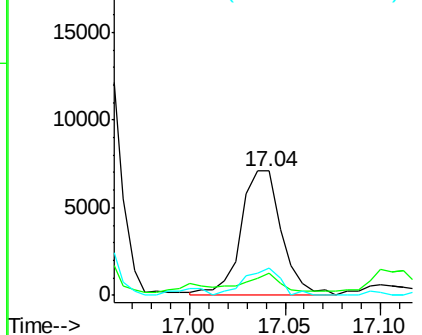
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 5.96 ng/ul

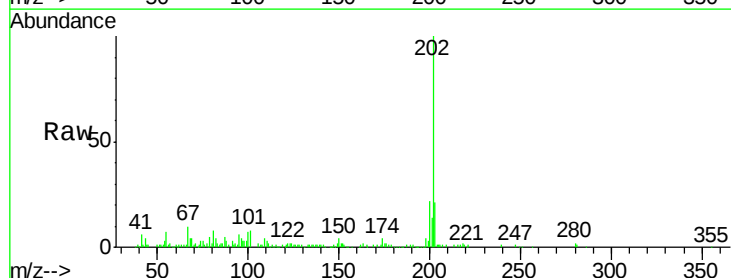
RT: 18.97 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG018197.D

Acq: 1 Aug 2015 1:06

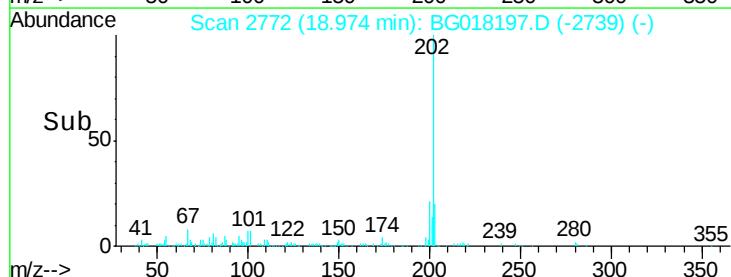
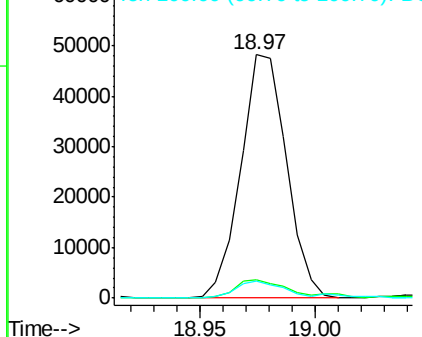
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.5	11.3
100	7.3	5.5	8.3

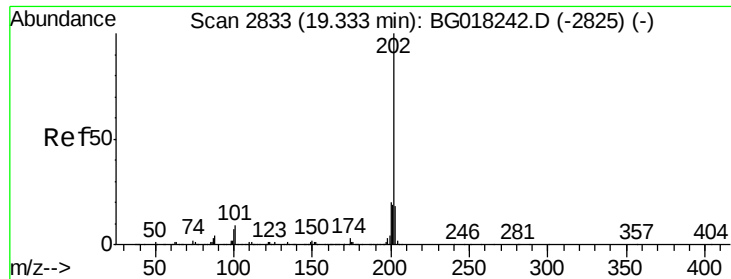


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





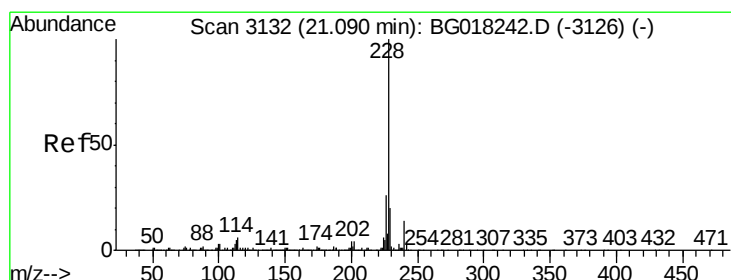
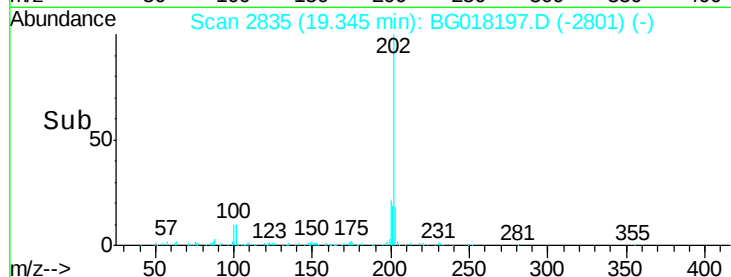
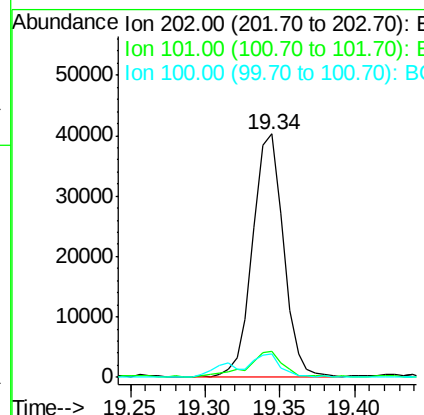
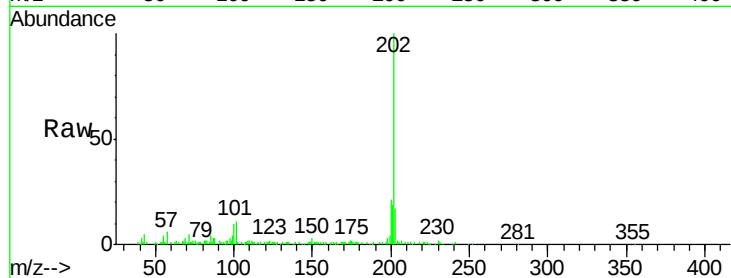
#80
 Pyrene
 Concen: 4.31 ng/ul
 RT: 19.34 min Scan# 2835
 Delta R.T. -0.00 min
 Lab File: BG018197.D
 Acq: 1 Aug 2015 1:06

Instrument :
 BNA_G
 ClientSampleId :
 C01Q3

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	57708		
101	10.8		8.1	12.1
100	9.8		7.4	11.0

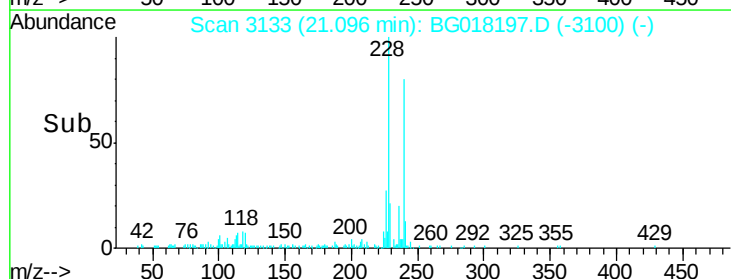
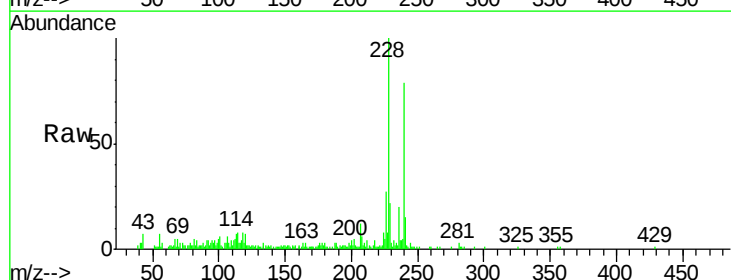
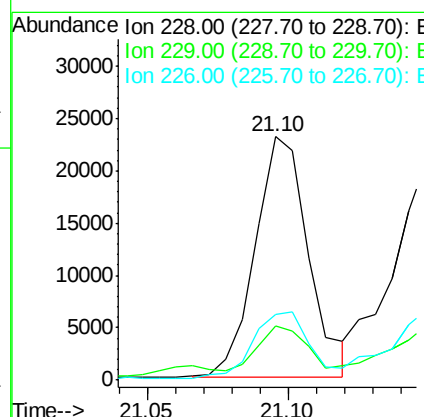
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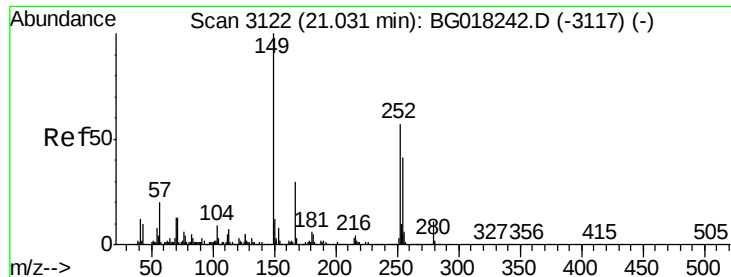
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#83
 Benzo(a)anthracene
 Concen: 2.54 ng/ul
 RT: 21.10 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG018197.D
 Acq: 1 Aug 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	30217		
229	22.1		16.5	24.7
226	27.1		21.5	32.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.27 ng/ul

RT: 21.04 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG018197.D

Acq: 1 Aug 2015 1:06

Instrument :

BNA_G

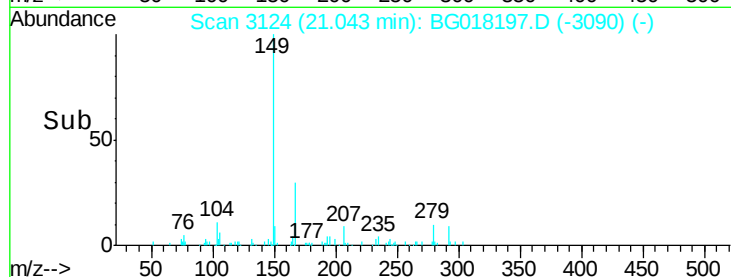
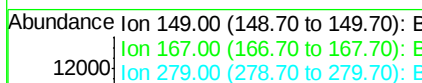
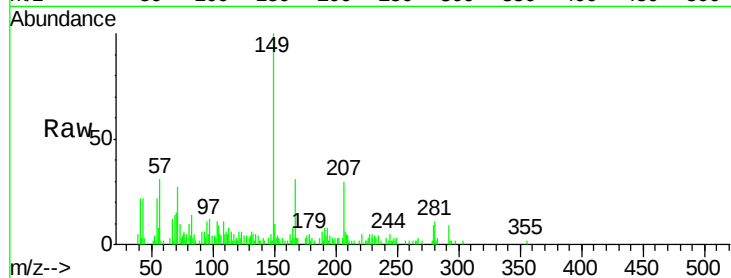
ClientSampleId :

C01Q3

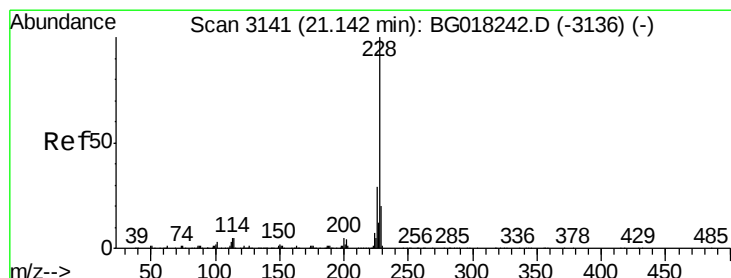
Tgt Ion:	149	Resp:	9319
Ion Ratio	Lower	Upper	
149	100		
167	31.1	27.4	41.2
279	9.3	8.3	12.5

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Time-->



#85

Chrysene

Concen: 2.69 ng/ul m

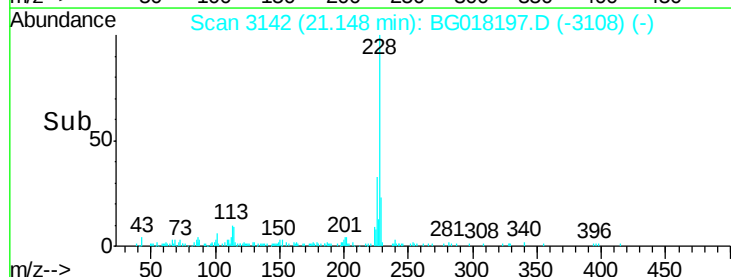
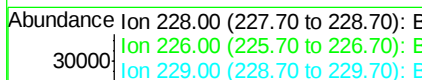
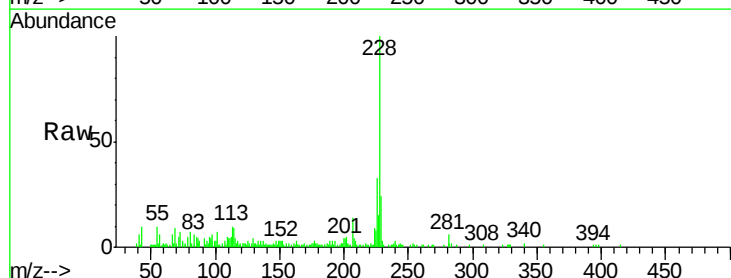
RT: 21.15 min Scan# 3142

Delta R.T. -0.00 min

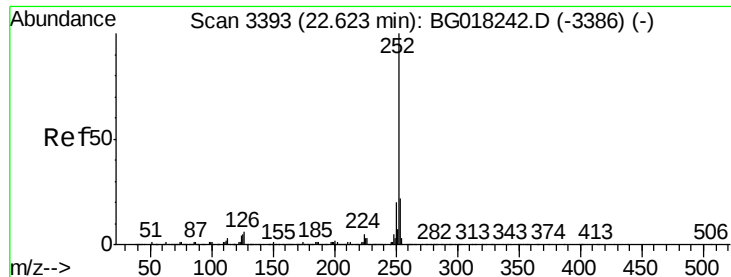
Lab File: BG018197.D

Acq: 1 Aug 2015 1:06

Tgt Ion:	228	Resp:	29310
Ion Ratio	Lower	Upper	
228	100		
226	32.8	22.7	34.1
229	24.5	16.2	24.2#



Time-->



#88

Benzo(b)fluoranthene

Concen: 3.09 ng/ul

RT: 22.63 min Scan# 3395

Delta R.T. -0.00 min

Lab File: BG018197.D

Acq: 1 Aug 2015 1:06

Instrument :

BNA_G

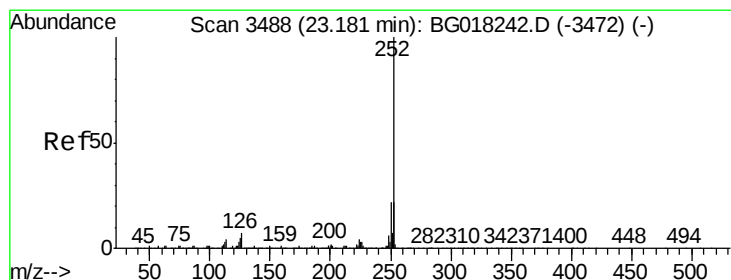
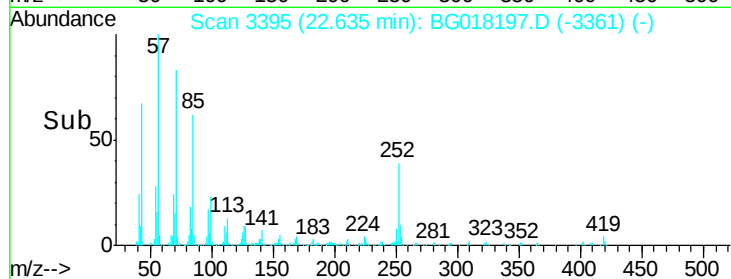
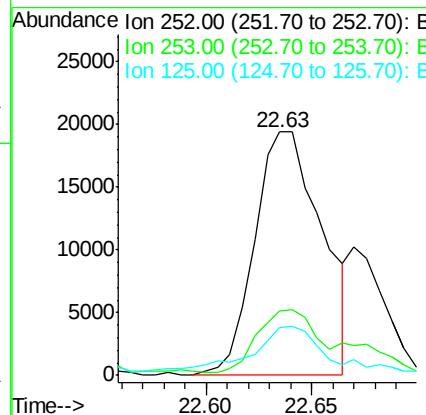
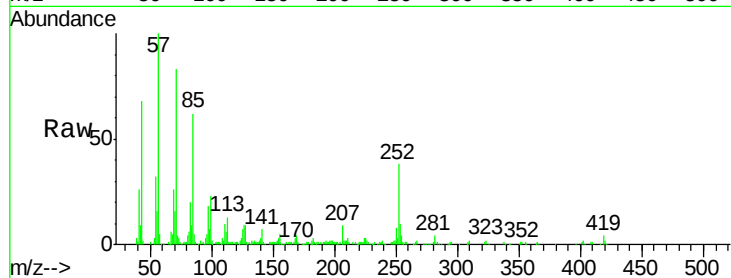
ClientSampleId :

C01Q3

Tgt Ion:	252	Resp:	43223
Ion Ratio	Lower	Upper	
252	100		
253	26.5	18.5	27.7
125	19.8	7.4	11.0#

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#91

Benzo(a)pyrene

Concen: 2.32 ng/ul

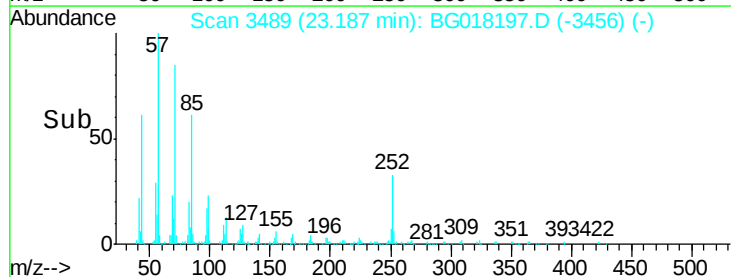
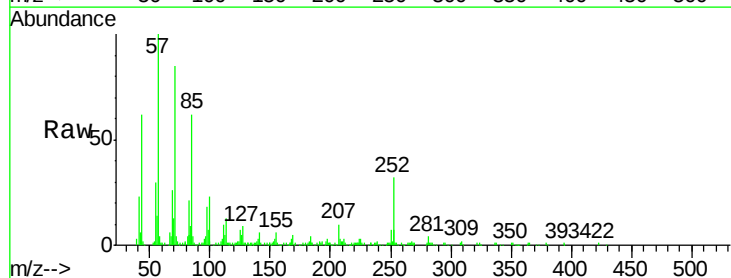
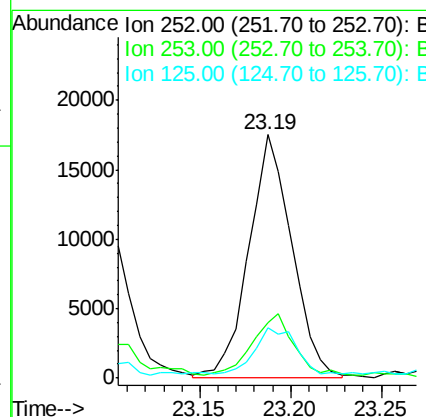
RT: 23.19 min Scan# 3489

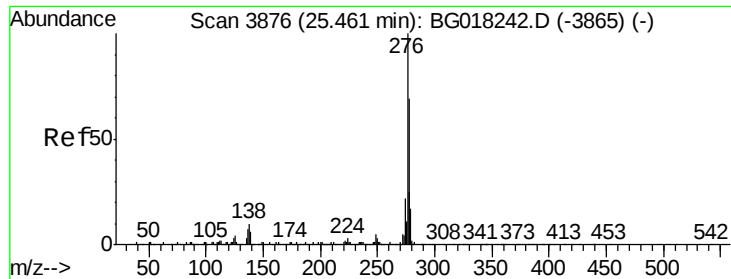
Delta R.T. -0.01 min

Lab File: BG018197.D

Acq: 1 Aug 2015 1:06

Tgt Ion:	252	Resp:	29011
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.2
125	20.8	7.3	10.9#





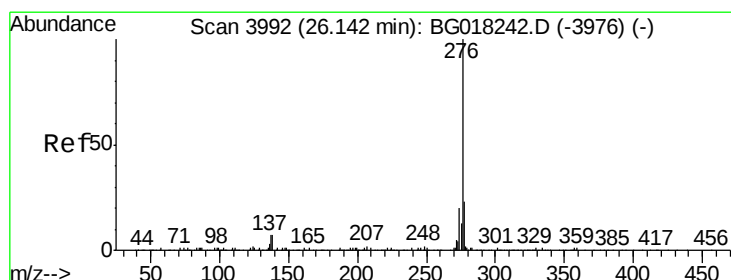
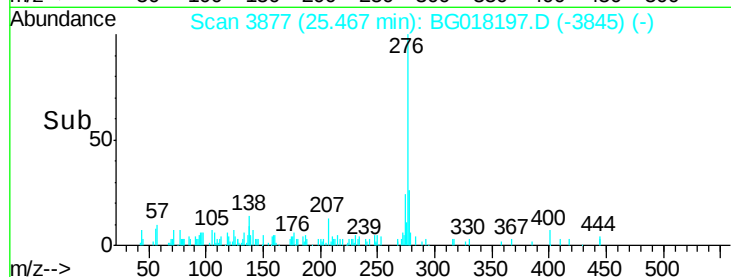
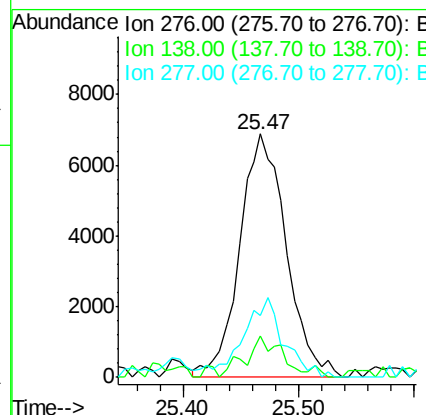
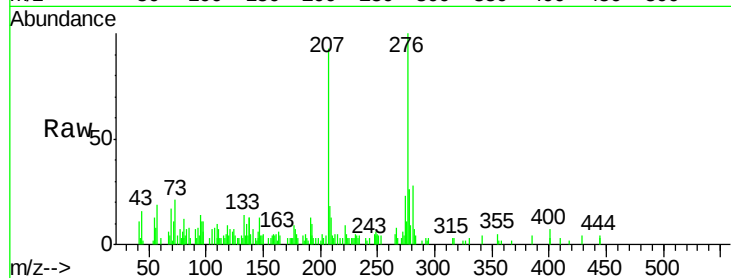
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.33 ng/ul
 RT: 25.47 min Scan# 3877
 Delta R.T. -0.01 min
 Lab File: BG018197.D
 Acq: 1 Aug 2015 1:06

Instrument :
 BNA_G
 ClientSampleId :
 C01Q3

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	19267		
138	17.1	17.2	25.8#	
277	25.5	19.5	29.3	

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#94
 Benzo(g,h,i)perylene
 Concen: 1.57 ng/ul
 RT: 26.14 min Scan# 3991
 Delta R.T. -0.02 min
 Lab File: BG018197.D
 Acq: 1 Aug 2015 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	18535		
138	16.0	15.1	22.7	
277	23.3	19.8	29.6	

