

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
 Data File : BG018213.D
 Acq On : 1 Aug 2015 10:28
 Operator : TP/UM
 Sample : G3073-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02L3

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:01 PM

Quant Time: Aug 03 04:20:46 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	50537	20.00	ng/ul	0.01
18) Naphthalene-d8	10.27	136	233317	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	142380	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	232463	20.00	ng/ul	0.01
78) Chrysene-d12	21.13	240	212039	20.00	ng/ul	0.01
86) Perylene-d12	23.31	264	227382	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	1769	2.64	ng/uL	0.00
5) Phenol-d5	6.68	99	83415	18.36	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	43575	18.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	67781	19.75	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	69064	18.66	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	36467	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	35269	16.72	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.91	165	74427	19.97	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	63644	13.70	ng/ul	0.02
44) Dimethylphthalate-d6	13.58	166	227396	20.67	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	234661	18.39	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	27053	13.28	ng/ul	0.02
58) Fluorene-d10	15.16	176	151619	15.23	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.31	200	1544	0.95	ng/ul	0.02
71) Anthracene-d10	17.02	188	169661	16.78	ng/ul	0.01
79) Pyrene-d10	19.33	212	136826	13.34	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.17	264	159980	13.91	ng/ul	0.02

Target Compounds

					Qvalue	
45) Dimethylphthalate	13.62	163	103599	9.46	ng/ul	98
70) Phenanthrene	16.96	178	58582	4.96	ng/ul	98
76) Di-n-butylphthalate	17.90	149	16440	1.27	ng/ul#	94
77) Fluoranthene	18.99	202	108344	8.35	ng/ul#	93
80) Pyrene	19.36	202	98066	7.62	ng/ul#	93
81) Butylbenzylphthalate	20.27	149	34544	6.61	ng/ul#	81
83) Benzo(a)anthracene	21.11	228	50426	4.42	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.05	149	108643	15.41	ng/ul#	97
85) Chrysene	21.16	228	59934m	5.73	ng/ul	
88) Benzo(b)fluoranthene	22.66	252	95390	6.98	ng/ul#	94
89) Benzo(k)fluoranthene	22.69	252	37406m	2.98	ng/ul	
91) Benzo(a)pyrene	23.22	252	58120	4.76	ng/ul#	79
92) Indeno(1,2,3-cd)pyrene	25.51	276	37932	2.68	ng/ul#	91
94) Benzo(g,h,i)perylene	26.19	276	36938	3.20	ng/ul#	85

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

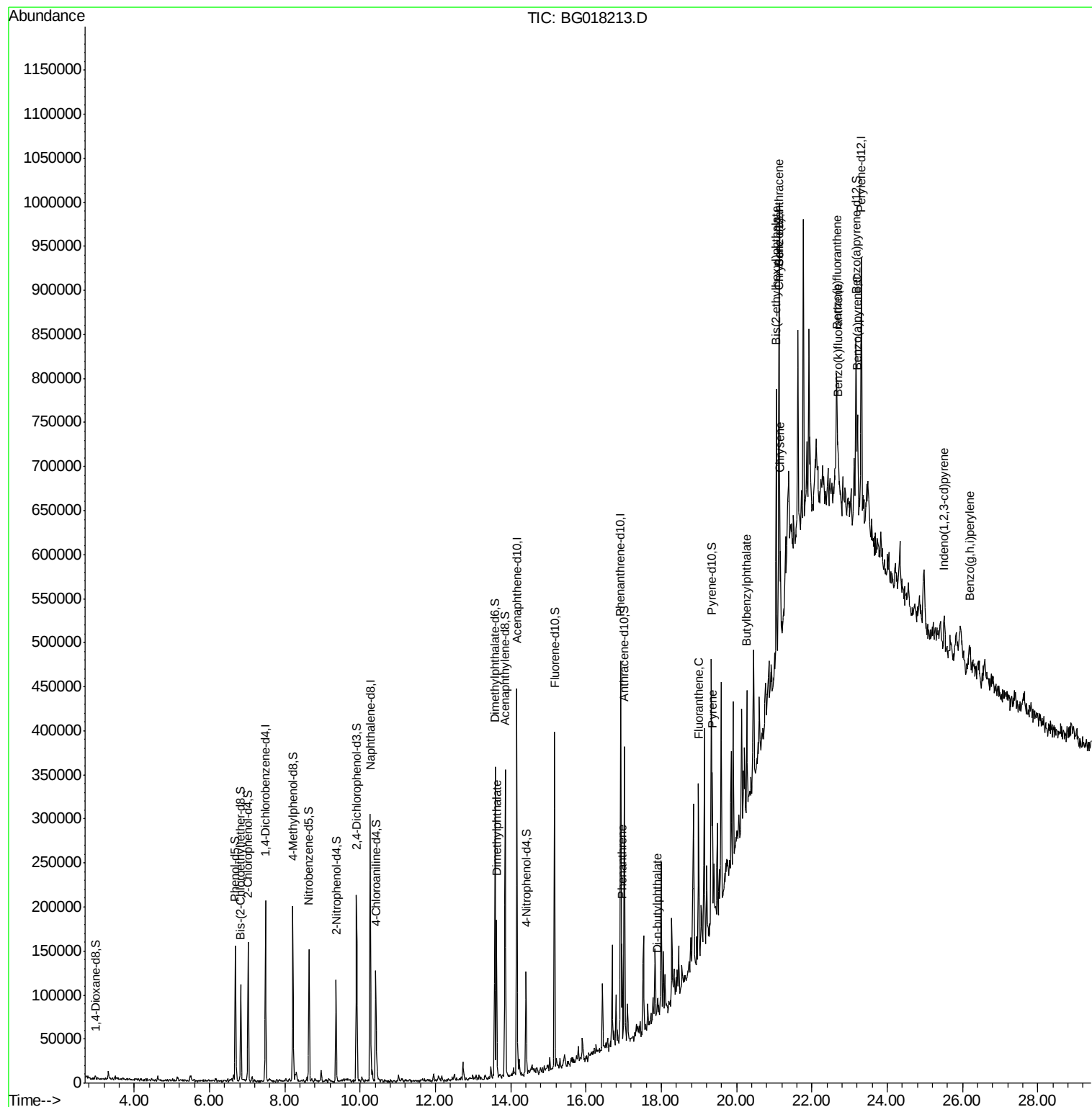
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018213.D
Acq On : 1 Aug 2015 10:28
Operator : TP/UM
Sample : G3073-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

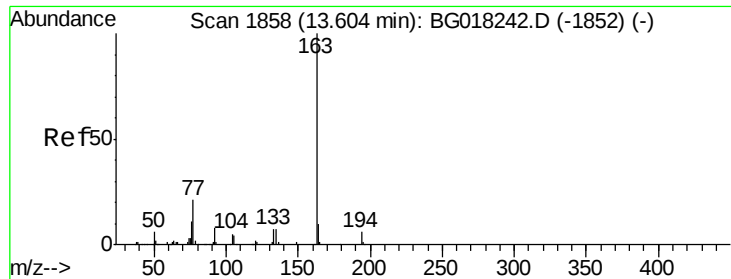
Instrument :
BNA_G
ClientSampleId :
C02L3

Manual Integrations
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8/4/2015 12:24:01 PM

Quant Time: Aug 03 04:20:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





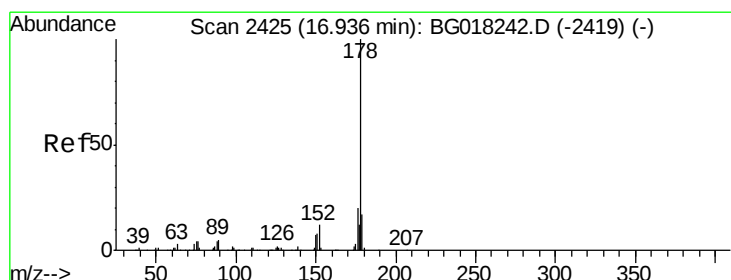
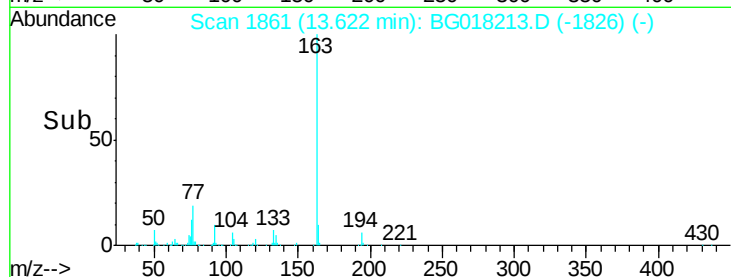
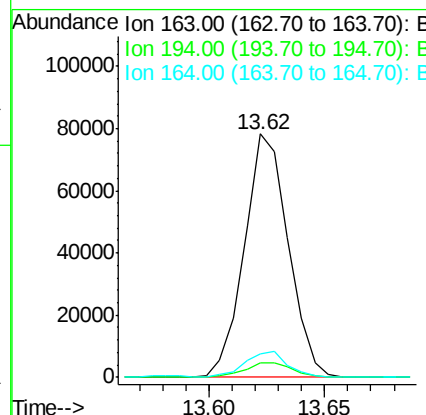
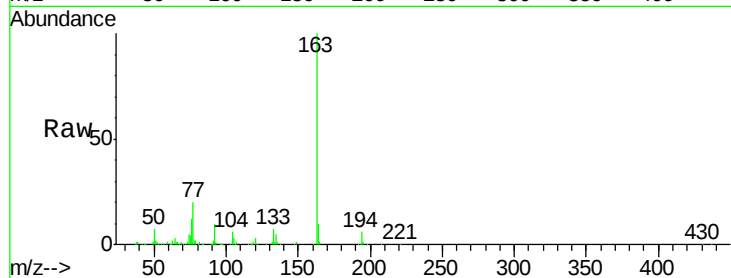
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Dimethylphthalate
Concen: 9.46 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BG018213.D
Acq: 1 Aug 2015 10:28

Instrument :
BNA_G
ClientSampleId :
C02L3

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	103599		
194	6.0	5.2	7.8	
164	9.8	8.4	12.6	

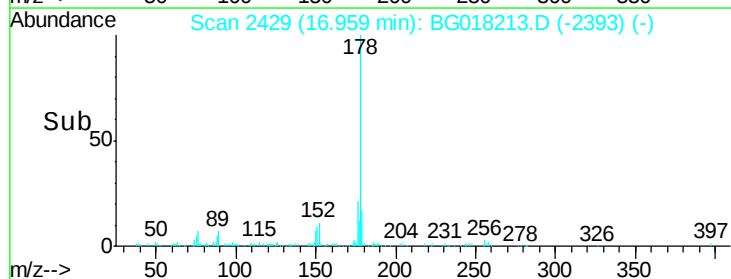
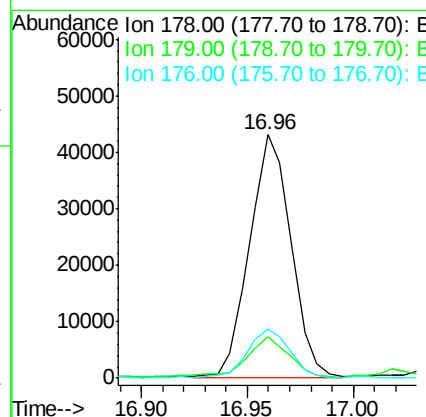
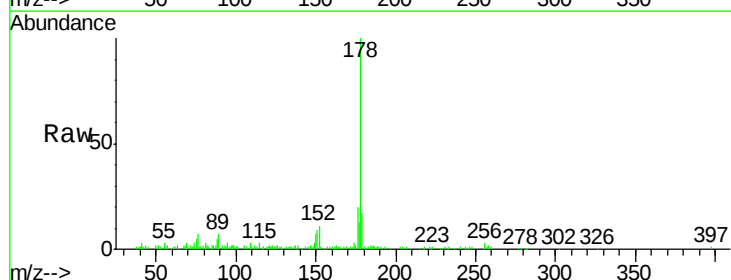
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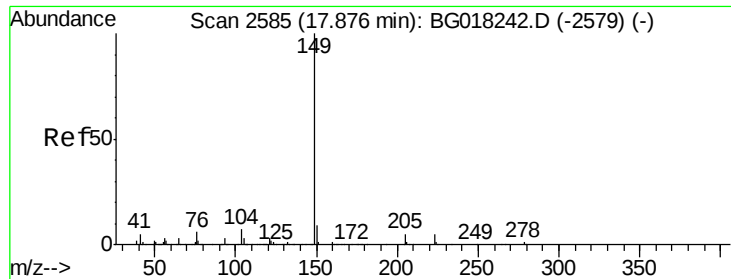
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#70
Phenanthrene
Concen: 4.96 ng/ul
RT: 16.96 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BG018213.D
Acq: 1 Aug 2015 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	58582		
179	17.2	12.8	19.2	
176	20.4	16.0	24.0	





#76

Di-n-butylphthalate

Concen: 1.27 ng/ul

RT: 17.90 min Scan# 2589

Delta R.T. 0.01 min

Lab File: BG018213.D

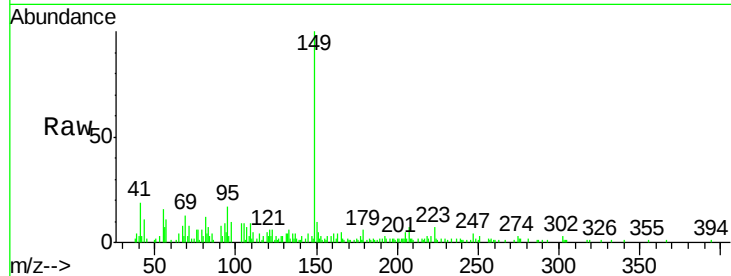
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BNA_G

ClientSampleId :

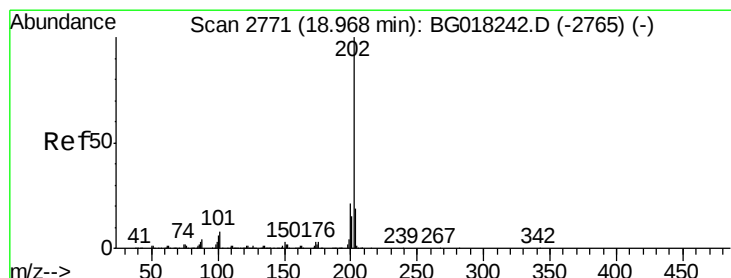
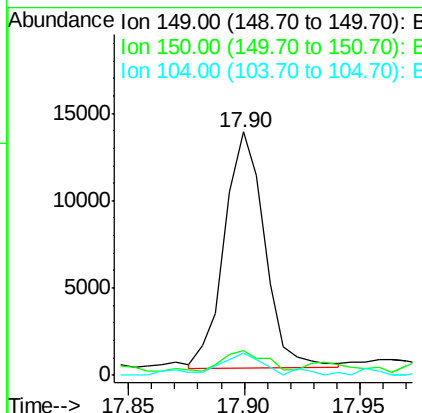
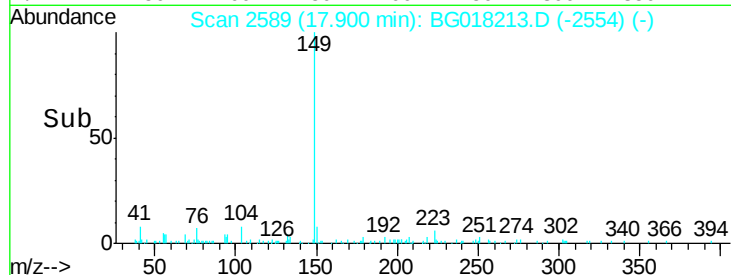
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Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	9.3	3.6	5.4#

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#77

Fluoranthene

Concen: 8.35 ng/ul

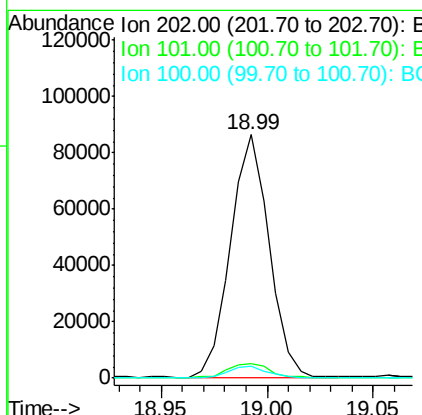
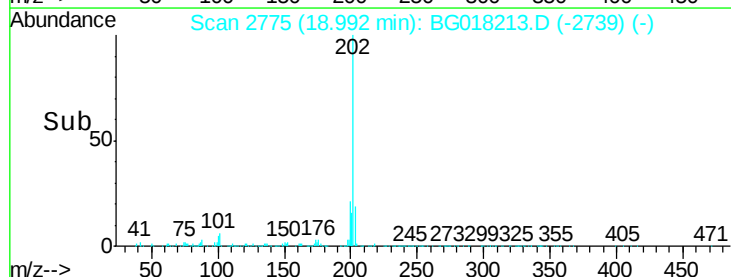
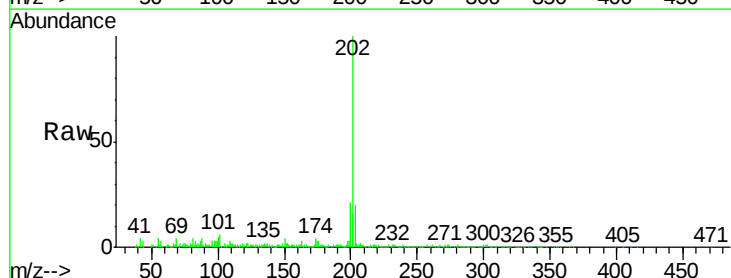
RT: 18.99 min Scan# 2775

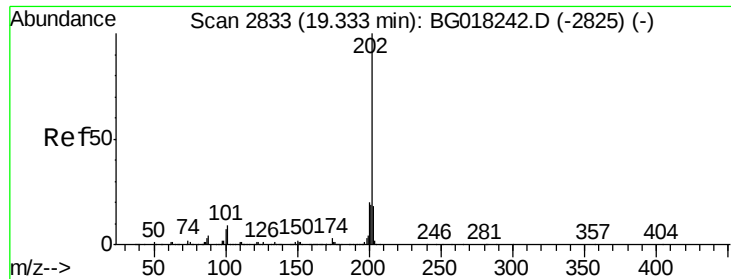
Delta R.T. 0.01 min

Lab File: BG018213.D

Acq: 1 Aug 2015 10:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.2	7.5	11.3#
100	5.2	5.5	8.3#





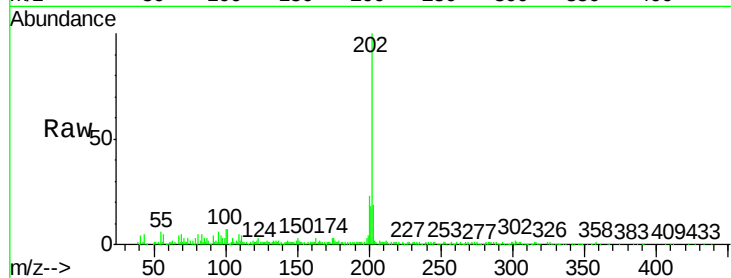
#80
 Pyrene
 Concen: 7.62 ng/ul
 RT: 19.36 min Scan# 2837
 Delta R.T. 0.01 min
 Lab File: BG018213.D
 Acq: 1 Aug 2015 10:28

Instrument :
 BNA_G
 ClientSampleId :
 C02L3

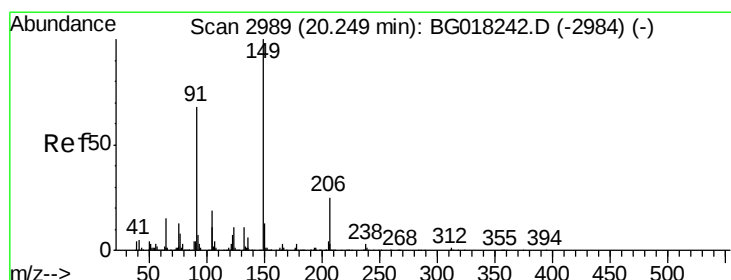
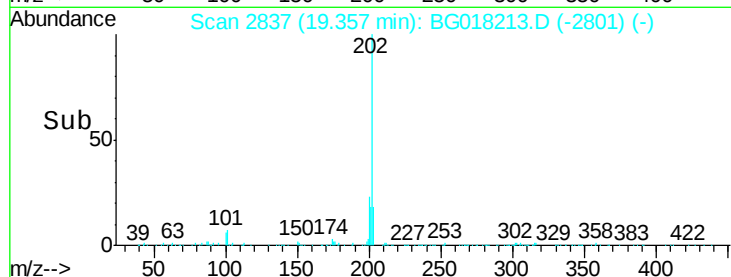
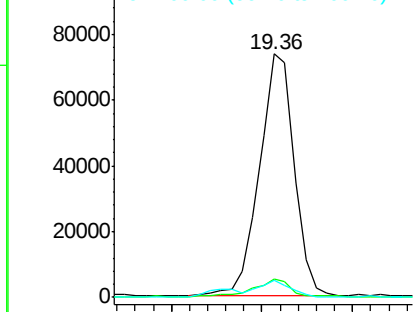
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.5	8.1	12.1#
100	6.8	7.4	11.0#

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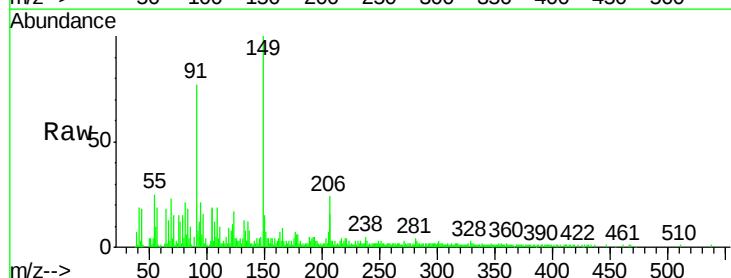


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

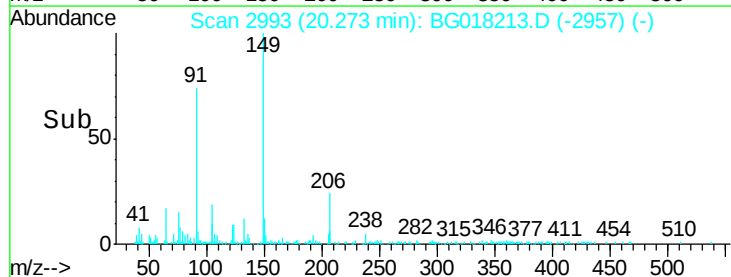
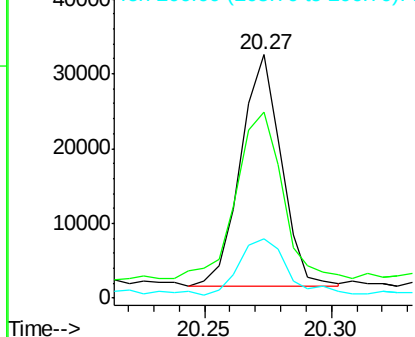


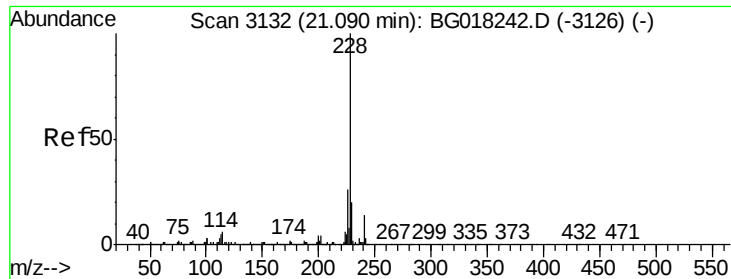
#81
 Butylbenzylphthalate
 Concen: 6.61 ng/ul
 RT: 20.27 min Scan# 2993
 Delta R.T. 0.01 min
 Lab File: BG018213.D
 Acq: 1 Aug 2015 10:28

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	76.5	46.6	69.8#
206	24.4	21.8	32.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): B
 Ion 206.00 (205.70 to 206.70): E





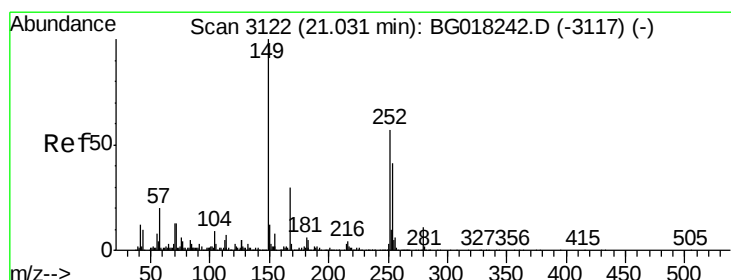
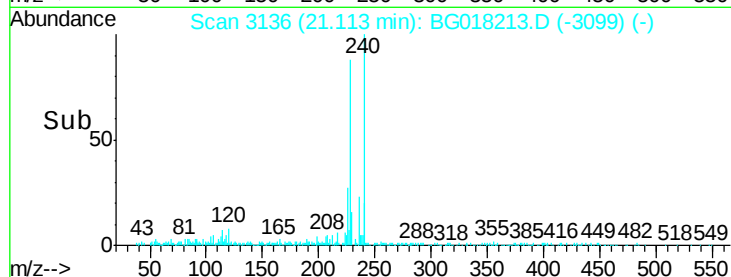
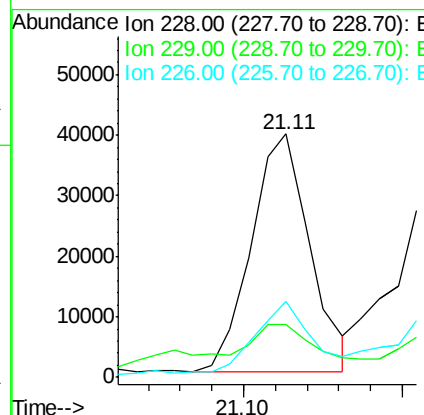
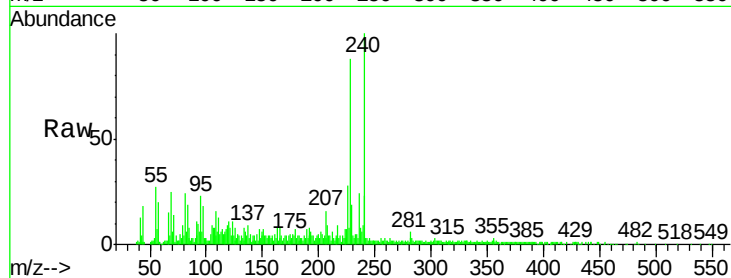
#83
 Benzo(a)anthracene
 Concen: 4.42 ng/ul
 RT: 21.11 min Scan# 3136
 Delta R.T. 0.02 min
 Lab File: BG018213.D
 Acq: 1 Aug 2015 10:28

Instrument :
 BNA_G
 ClientSampled :
 C02L3

Tgt Ion:	228	Resp:	50426
Ion Ratio	Lower	Upper	
228	100		
229	21.5	16.5	24.7
226	31.3	21.5	32.3

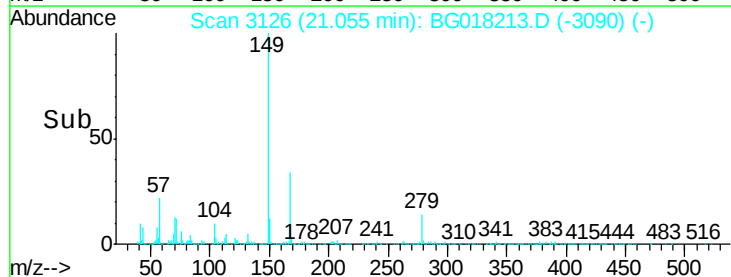
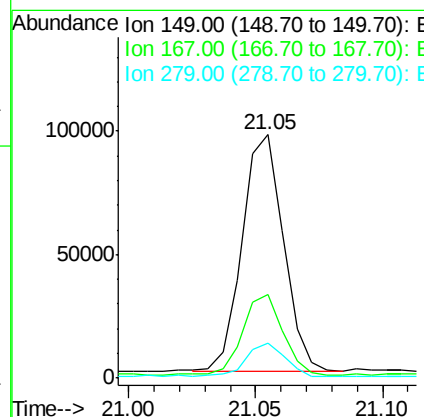
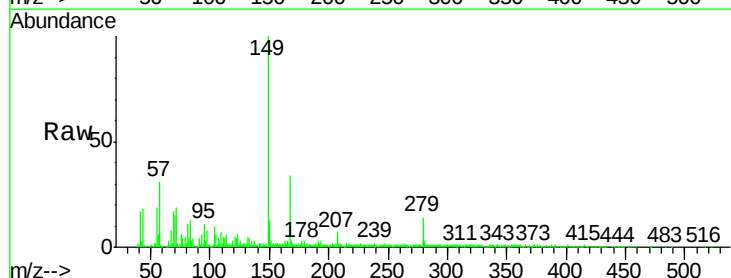
Manual Integrations
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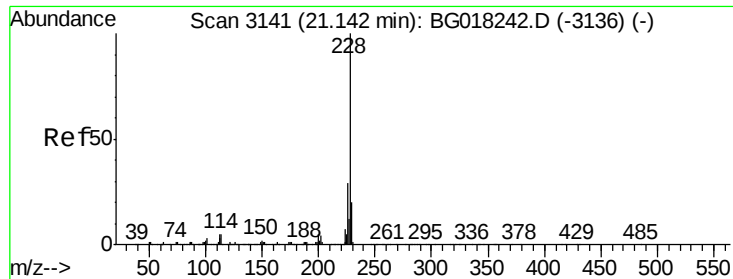
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 15.41 ng/ul
 RT: 21.05 min Scan# 3126
 Delta R.T. 0.01 min
 Lab File: BG018213.D
 Acq: 1 Aug 2015 10:28

Tgt Ion:	149	Resp:	108643
Ion Ratio	Lower	Upper	
149	100		
167	34.1	27.4	41.2
279	14.5	8.3	12.5#





#85

Chrysene

Concen: 5.73 ng/ul m

RT: 21.16 min Scan# 3144

Delta R.T. 0.01 min

Lab File: BG018213.D

Acq: 1 Aug 2015 10:28

Instrument :

BNA_G

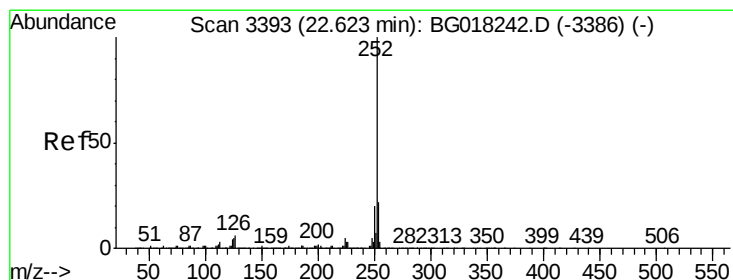
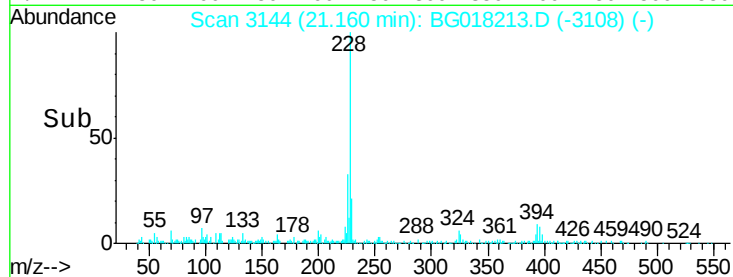
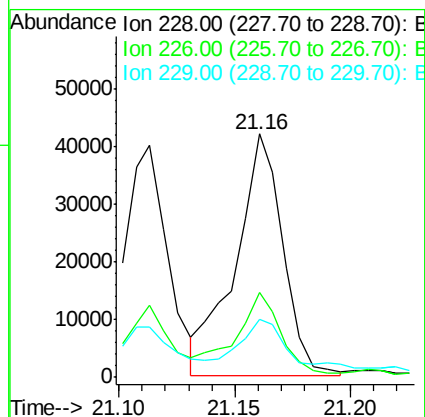
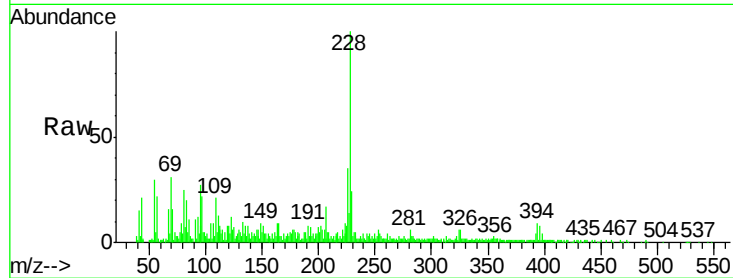
ClientSampled :

C02L3

Tgt Ion:	228	Resp:	59934
Ion Ratio	Lower	Upper	
228	100		
226	34.7	22.7	34.1#
229	24.0	16.2	24.2

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 6.98 ng/ul

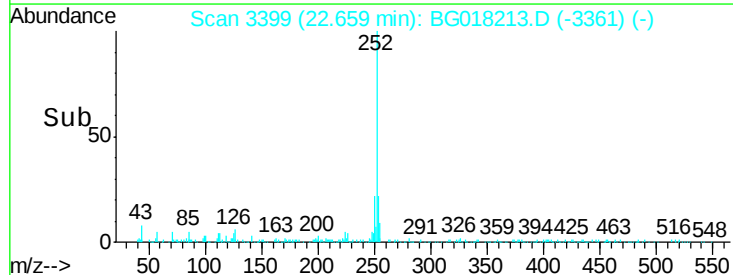
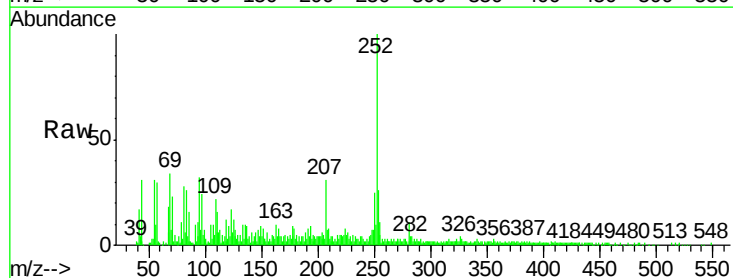
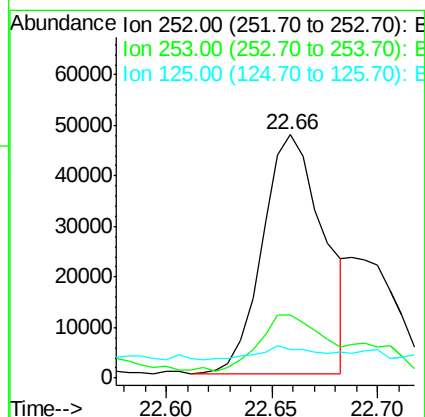
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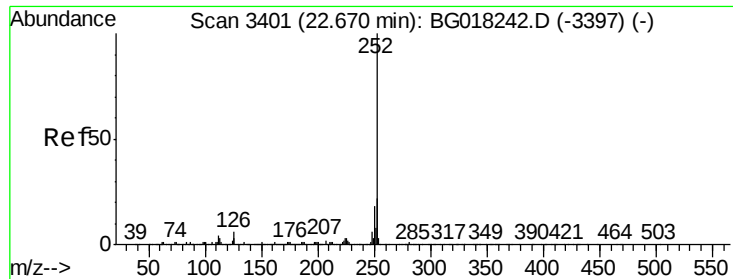
Delta R.T. 0.02 min

Lab File: BG018213.D

Acq: 1 Aug 2015 10:28

Tgt Ion:	252	Resp:	95390
Ion Ratio	Lower	Upper	
252	100		
253	26.0	18.5	27.7
125	12.0	7.4	11.0#





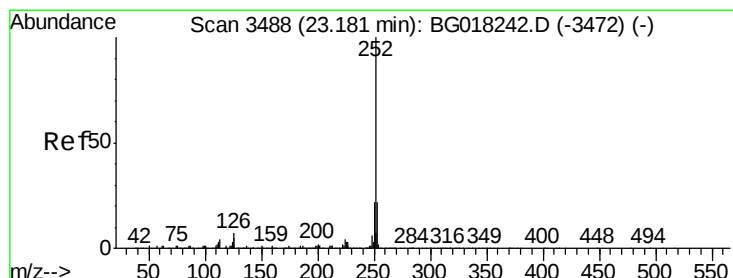
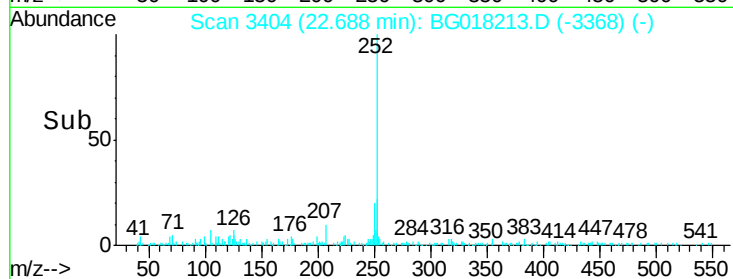
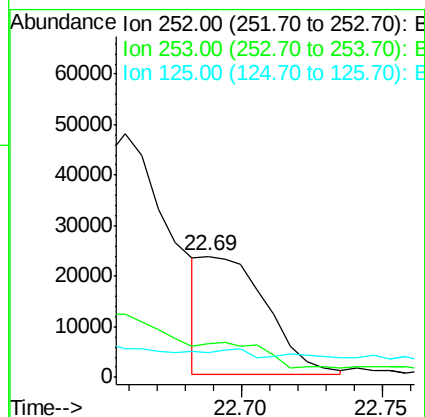
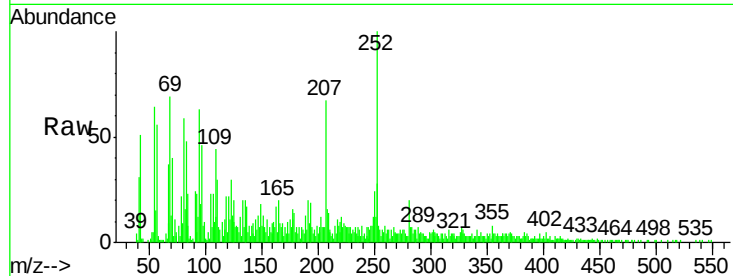
#89
Benzo(k)fluoranthene
Concen: 2.98 ng/ul m
RT: 22.69 min Scan# 3404
Delta R.T. 0.01 min
Lab File: BG018213.D
Acq: 1 Aug 2015 10:28

Instrument :
BNA_G
ClientSampleId :
C02L3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.2	27.2#
125	20.4	7.5	11.3#

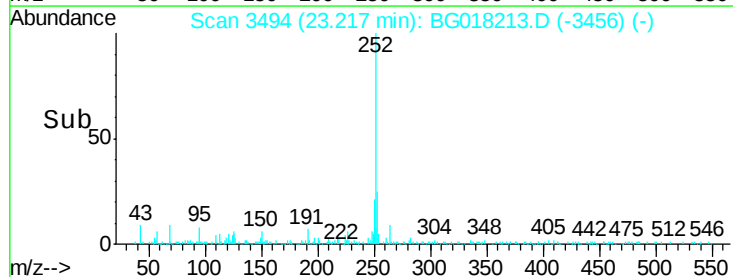
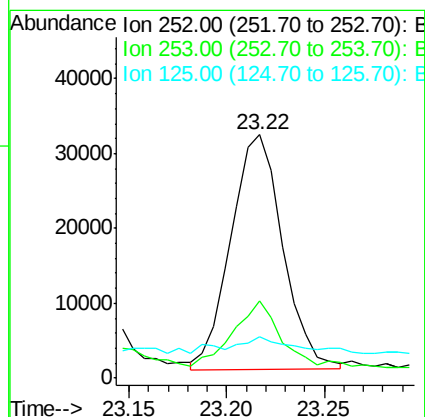
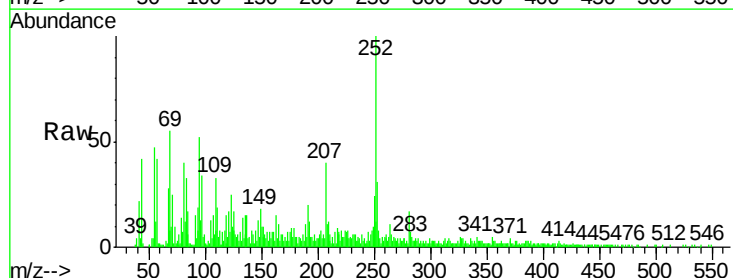
Manual Integrations
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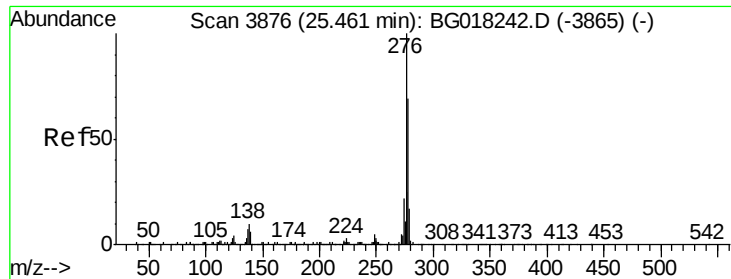
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#91
Benzo(a)pyrene
Concen: 4.76 ng/ul
RT: 23.22 min Scan# 3494
Delta R.T. 0.02 min
Lab File: BG018213.D
Acq: 1 Aug 2015 10:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.5	17.4	26.2#
125	17.0	7.3	10.9#





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.68 ng/ul

RT: 25.51 min Scan# 3885

Delta R.T. 0.04 min

Lab File: BG018213.D

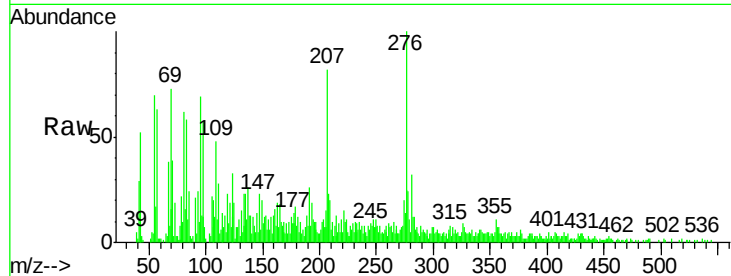
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Instrument :

BNA_G

ClientSampleId :

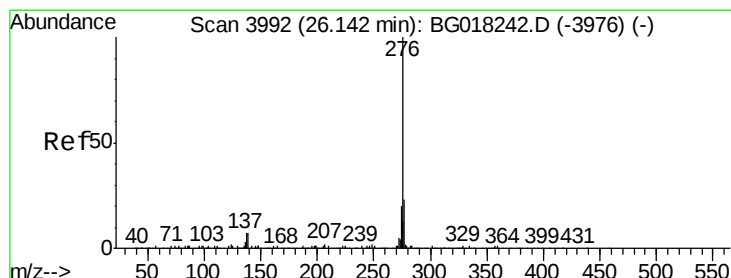
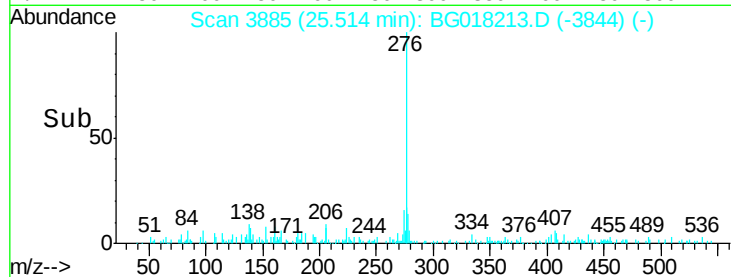
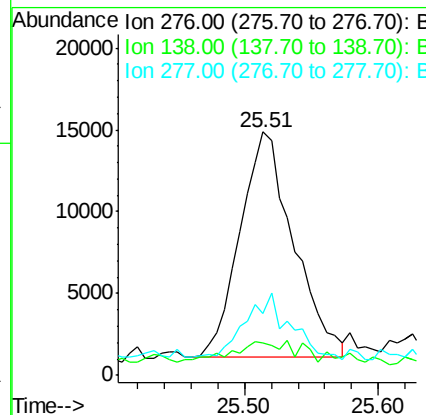
C02L3



Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.2	17.2	25.8#
277	25.3	19.5	29.3

Manual Integrations
APPROVED

MMDadoda
8/4/2015 12:24:01 PM



#94

Benzo(g,h,i)perylene

Concen: 3.20 ng/ul

RT: 26.19 min Scan# 4000

Delta R.T. 0.05 min

Lab File: BG018213.D

Acq: 1 Aug 2015 10:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	15.1	22.7
277	36.0	19.8	29.6#

