

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
 Data File : BG018081.D
 Acq On : 24 Jul 2015 00:58
 Operator : TP/UM
 Sample : G3035-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02L9

Manual Integrations
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Quant Time: Jul 24 02:49:54 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:33:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	49270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	237689	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	155512	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	335492	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	334286	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	338533	20.00	ng/ul	0.00

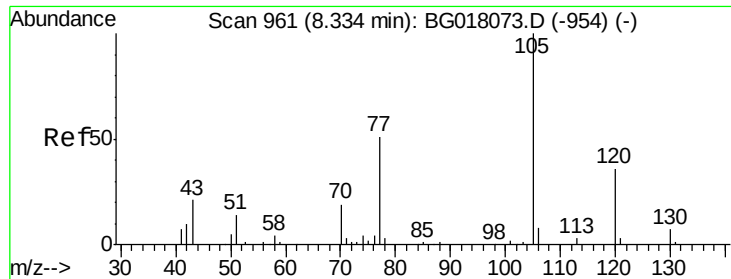
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	2624	3.33	ng/uL	0.00
5) Phenol-d5	6.70	99	66438	17.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	33858	18.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	60057	17.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	43500	12.91	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	34513	18.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	37242	18.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	59765	17.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	68706	17.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	197330	18.07	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	222125	16.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	30912	13.46	ng/ul	0.00
58) Fluorene-d10	15.18	176	160163	15.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	20838	9.71	ng/ul	0.00
71) Anthracene-d10	17.03	188	227655	15.67	ng/ul	0.00
79) Pyrene-d10	19.34	212	213980	13.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	180657	11.18	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.33	105	13635	2.87	ng/ul	98
45) Dimethylphthalate	13.65	163	54831	4.99	ng/ul	98
70) Phenanthrene	16.98	178	136952	8.12	ng/ul	98
72) Anthracene	17.07	178	20251	1.18	ng/ul	97
77) Fluoranthene	19.00	202	245085	13.65	ng/ul	99
80) Pyrene	19.37	202	221129	11.55	ng/ul	99
83) Benzo(a)anthracene	21.13	228	104277	5.90	ng/ul	99
85) Chrysene	21.17	228	107212	6.44	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	144026	7.77	ng/ul	99
89) Benzo(k)fluoranthene	22.71	252	43818m	2.44	ng/ul	
91) Benzo(a)pyrene	23.23	252	98601	5.49	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.53	276	68741	3.32	ng/ul	96
94) Benzo(g,h,i)perylene	26.20	276	62843	3.67	ng/ul	96

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



#14

Acetophenone

Concen: 2.87 ng/ul

RT: 8.33 min Scan# 961

Delta R.T. 0.00 min

Lab File: BG018081.D

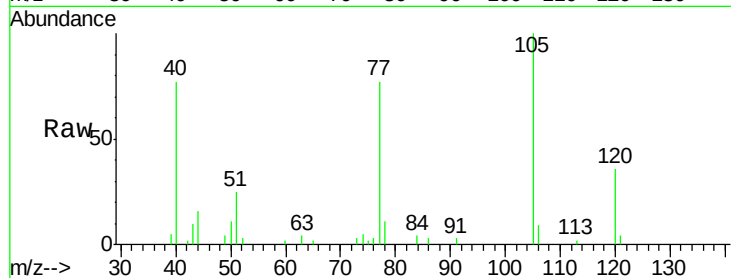
Acq: 24 Jul 2015 00:58

Instrument :

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ClientSampled :

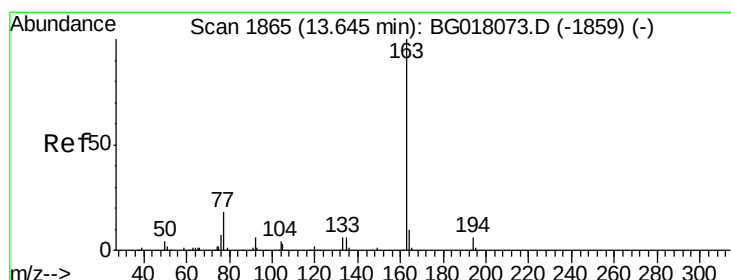
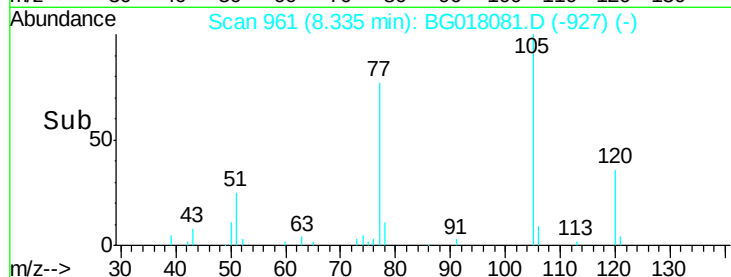
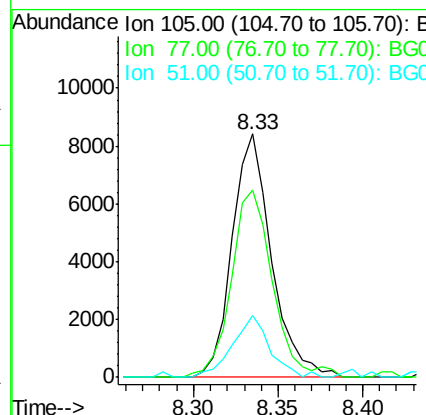
C02L9



Tgt Ion:	105	Resp:	13635
Ion Ratio	Lower	Upper	
105	100		
77	76.8	61.7	92.5
51	25.3	18.1	27.1

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#45

Dimethylphthalate

Concen: 4.99 ng/ul

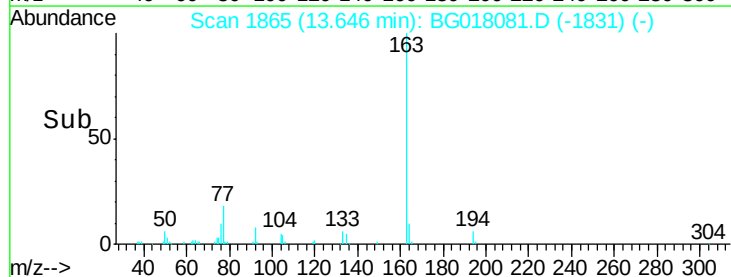
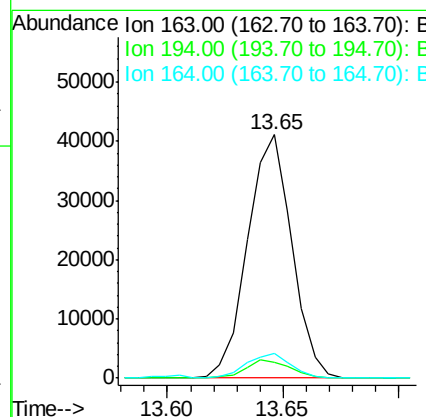
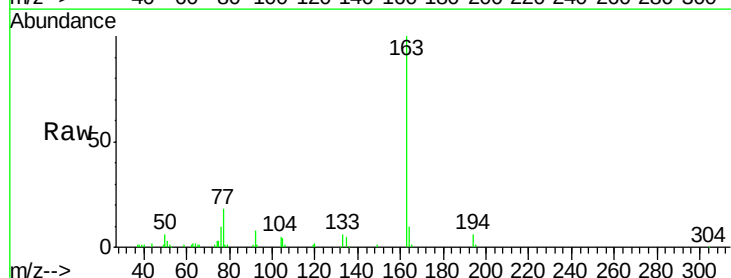
RT: 13.65 min Scan# 1865

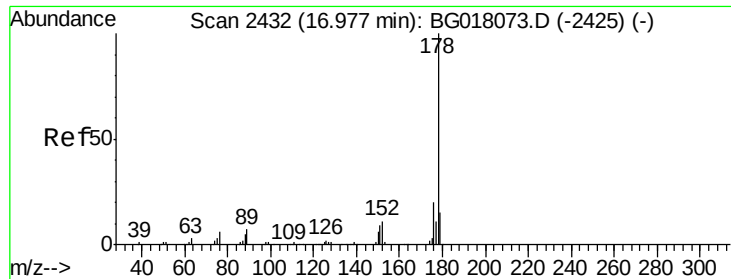
Delta R.T. 0.00 min

Lab File: BG018081.D

Acq: 24 Jul 2015 00:58

Tgt Ion:	163	Resp:	54831
Ion Ratio	Lower	Upper	
163	100		
194	6.3	5.4	8.2
164	10.0	8.7	13.1





#70

Phenanthrene

Concen: 8.12 ng/ul

RT: 16.98 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BG018081.D

Acq: 24 Jul 2015 00:58

Instrument :

BNA_G

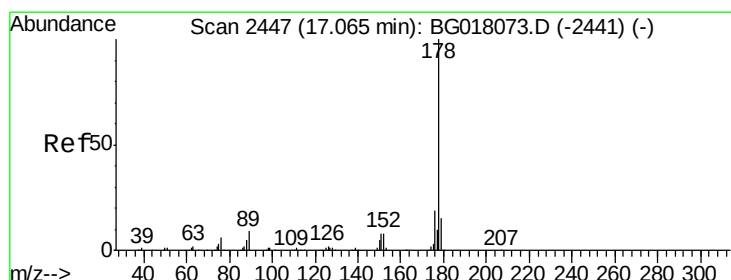
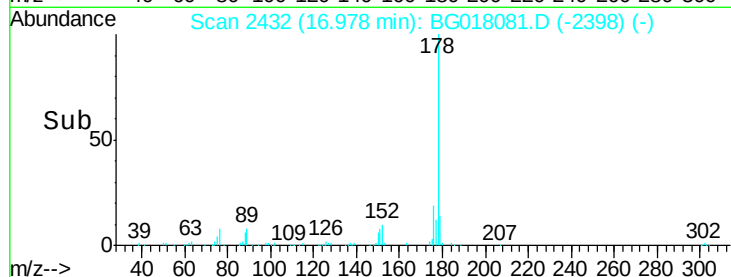
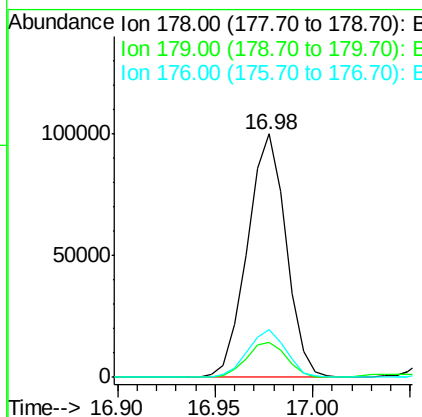
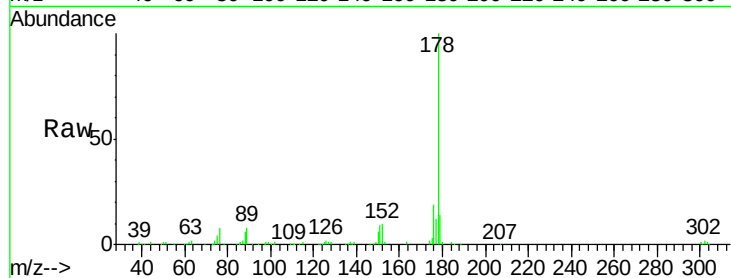
ClientSampleId :

C02L9

Tgt Ion:	178	Resp:	136952
Ion Ratio	Lower	Upper	
178	100		
179	14.4	13.0	19.6
176	19.4	15.8	23.8

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#72

Anthracene

Concen: 1.18 ng/ul

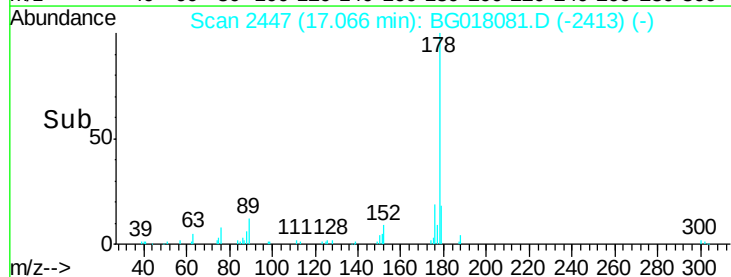
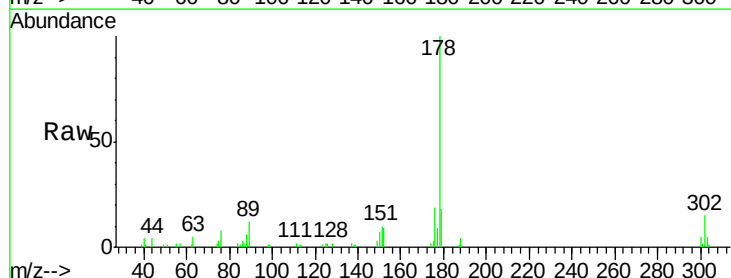
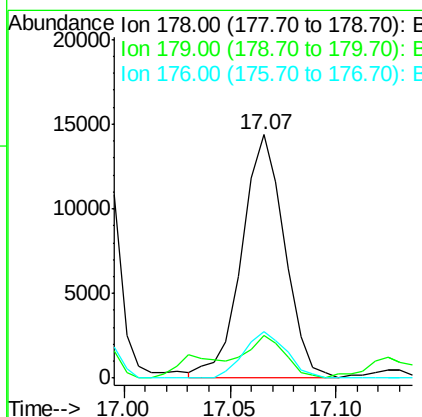
RT: 17.07 min Scan# 2447

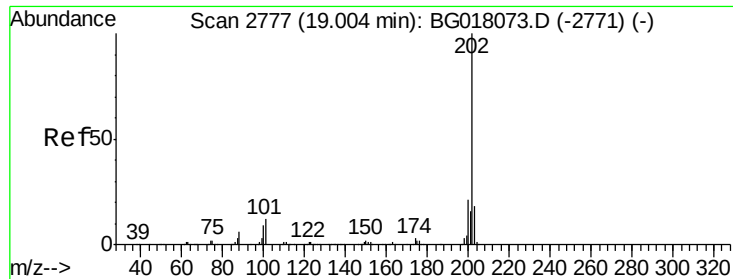
Delta R.T. 0.00 min

Lab File: BG018081.D

Acq: 24 Jul 2015 00:58

Tgt Ion:	178	Resp:	20251
Ion Ratio	Lower	Upper	
178	100		
179	17.8	12.4	18.6
176	19.1	15.8	23.8





#77

Fluoranthene

Concen: 13.65 ng/ul

RT: 19.00 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG018081.D

Acq: 24 Jul 2015 00:58

Instrument :

BNA_G

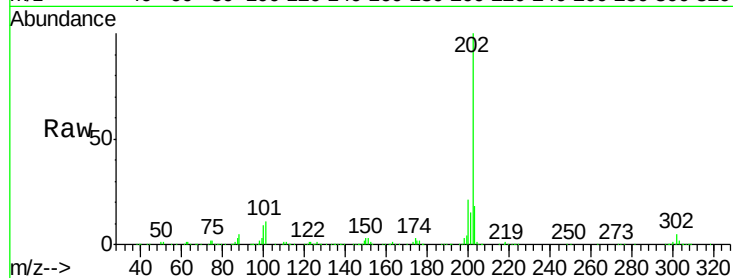
ClientSampleId :

C02L9

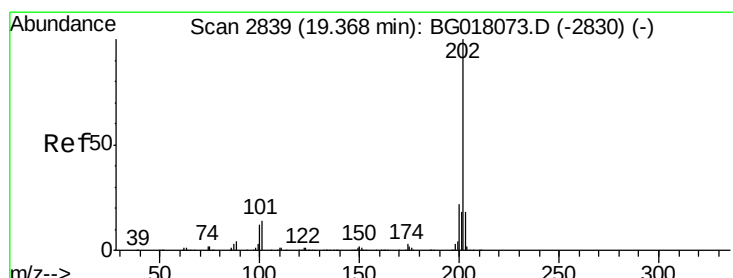
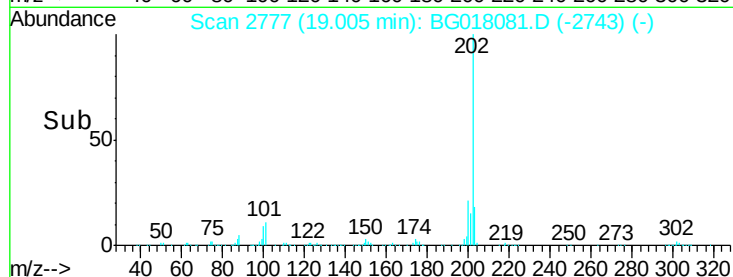
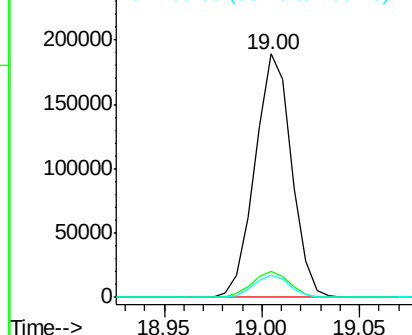
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		245085		
101	10.9	9.1	13.7		
100	9.2	7.5	11.3		

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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



#80

Pyrene

Concen: 11.55 ng/ul

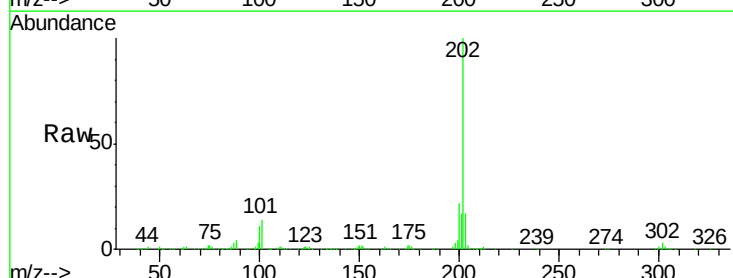
RT: 19.37 min Scan# 2839

Delta R.T. 0.00 min

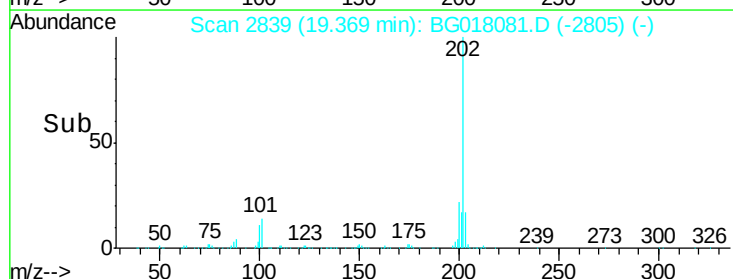
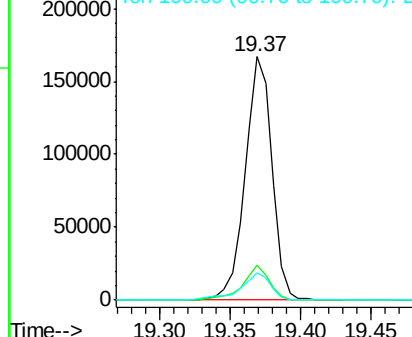
Lab File: BG018081.D

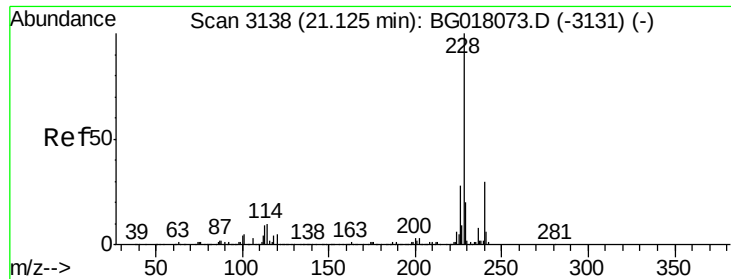
Acq: 24 Jul 2015 00:58

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		221129		
101	14.3	10.9	16.3		
100	11.0	8.5	12.7		



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





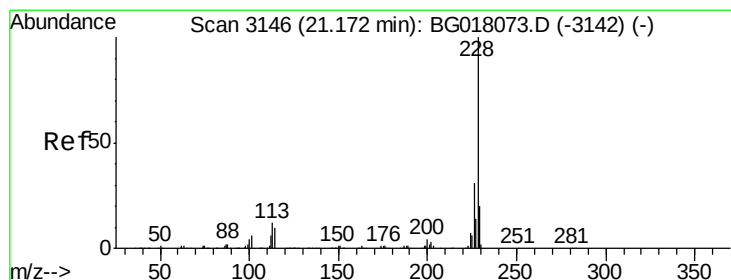
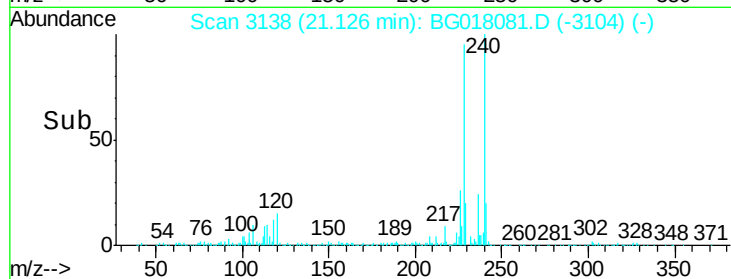
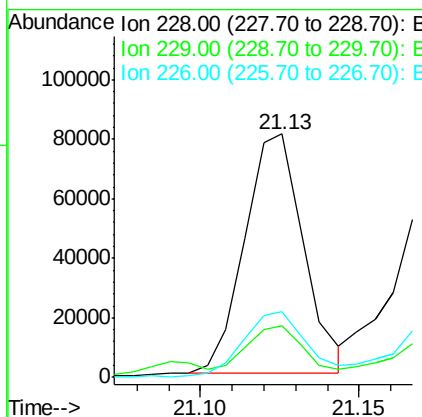
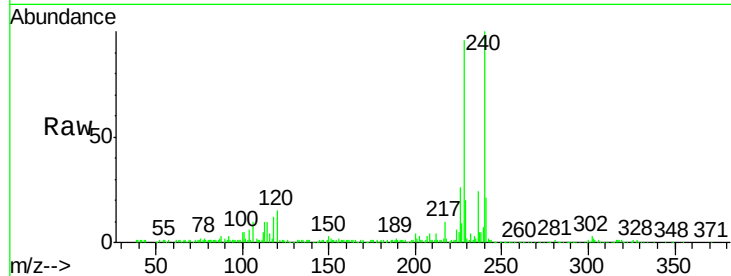
#83
Benzo(a)anthracene
Concen: 5.90 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG018081.D
Acq: 24 Jul 2015 00:58

Instrument :
BNA_G
ClientSampled :
C02L9

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.6	24.8
226	27.2	21.1	31.7

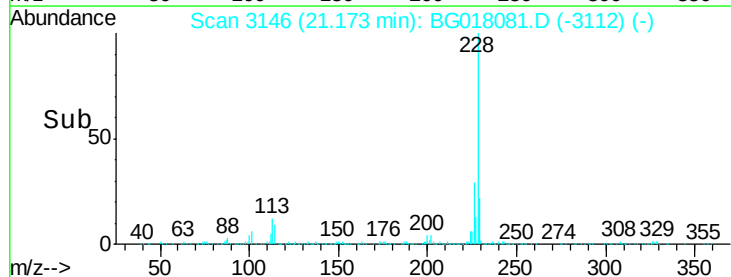
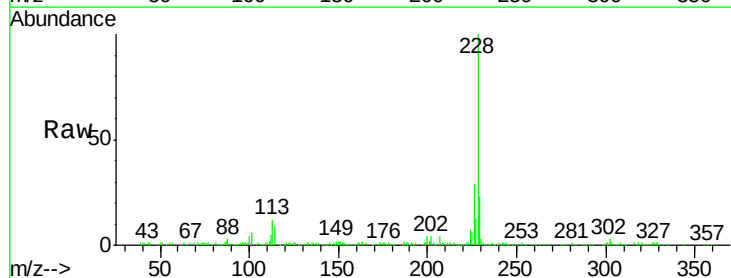
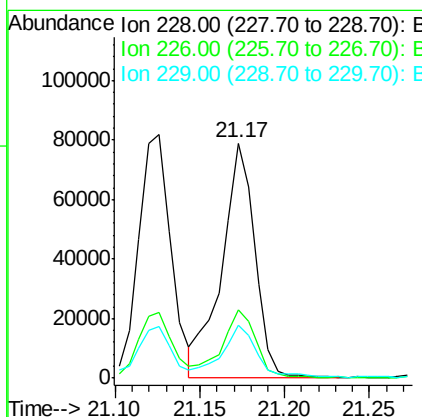
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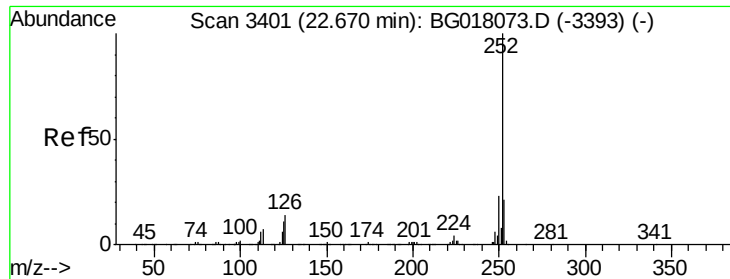
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#85
Chrysene
Concen: 6.44 ng/ul
RT: 21.17 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG018081.D
Acq: 24 Jul 2015 00:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.9	34.3
229	22.7	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 7.77 ng/ul

RT: 22.67 min Scan# 3401

Delta R.T. 0.00 min

Lab File: BG018081.D

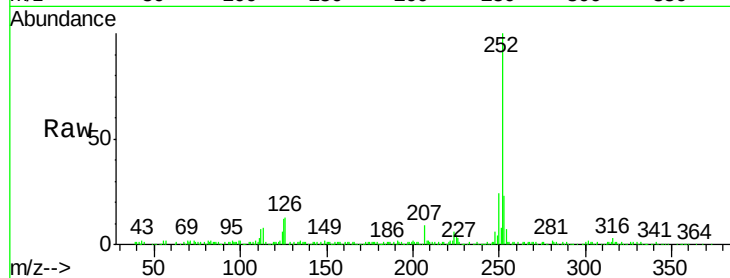
Acq: 24 Jul 2015 00:58

Instrument :

BNA_G

ClientSampleId :

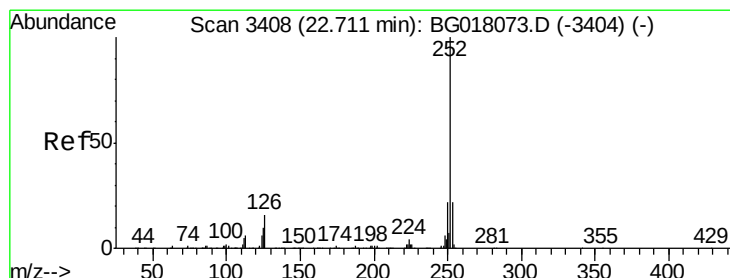
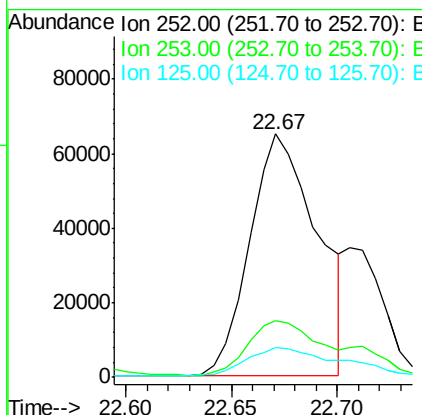
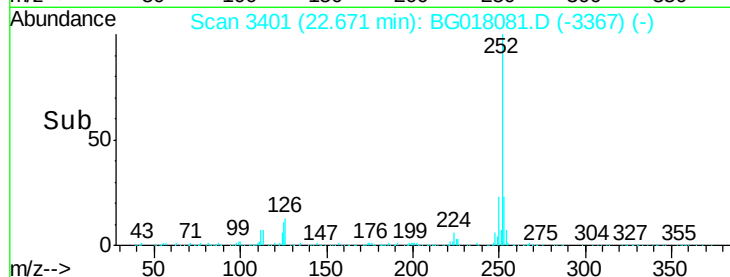
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	12.1	9.1	13.7

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#89

Benzo(k)fluoranthene

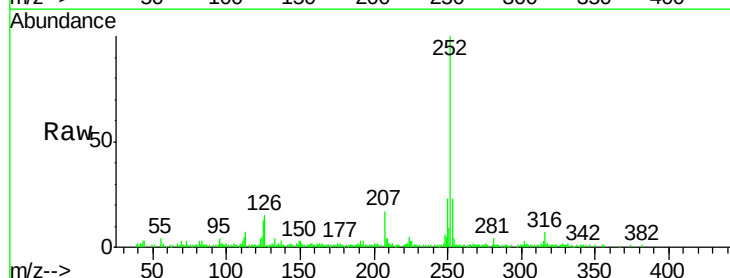
Concen: 2.44 ng/ul m

RT: 22.71 min Scan# 3407

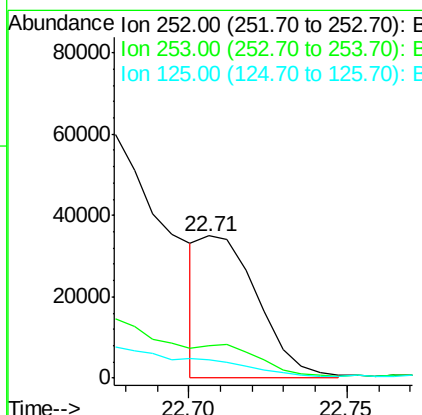
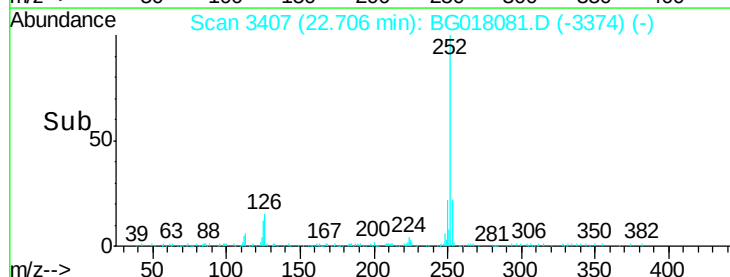
Delta R.T. -0.00 min

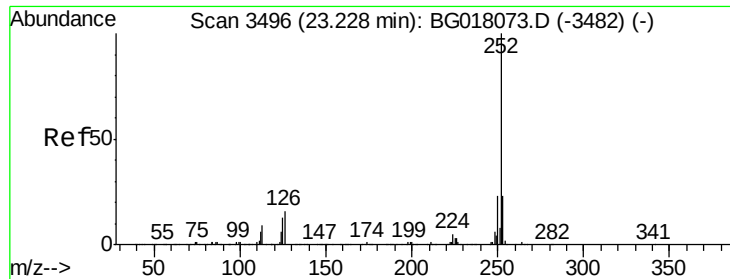
Lab File: BG018081.D

Acq: 24 Jul 2015 00:58



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	13.0	9.3	13.9





#91

Benzo(a)pyrene

Concen: 5.49 ng/ul

RT: 23.23 min Scan# 3496

Delta R.T. 0.00 min

Lab File: BG018081.D

Acq: 24 Jul 2015 00:58

Instrument :

BNA_G

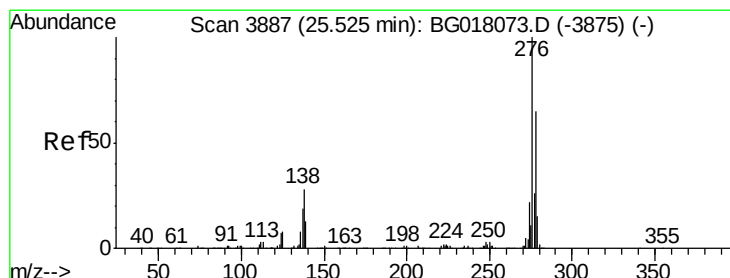
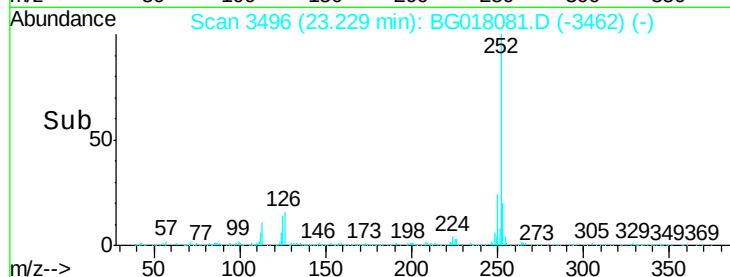
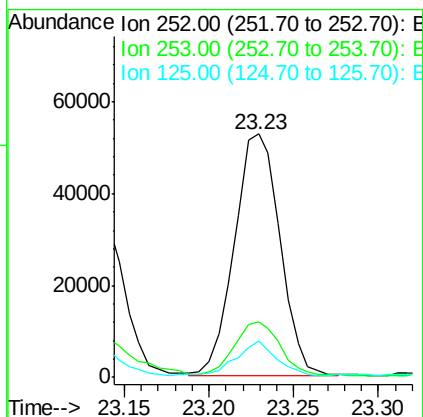
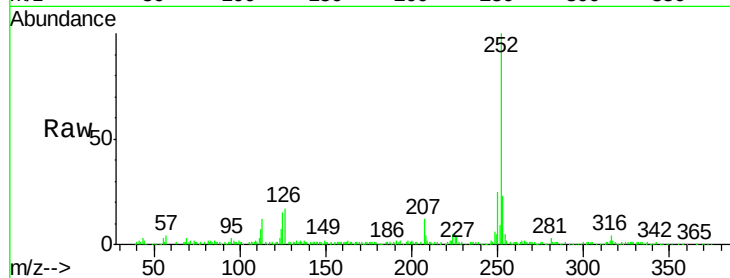
ClientSampleId :

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Tgt Ion:	252	Resp:	98601
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	14.9	10.2	15.2

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#92

Indeno(1,2,3-cd)pyrene

Concen: 3.32 ng/ul

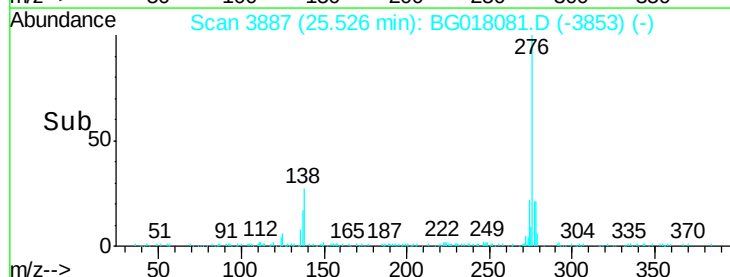
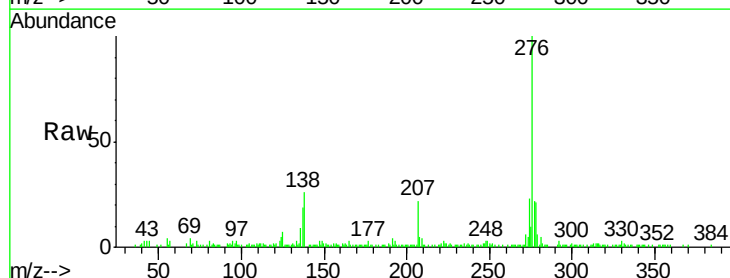
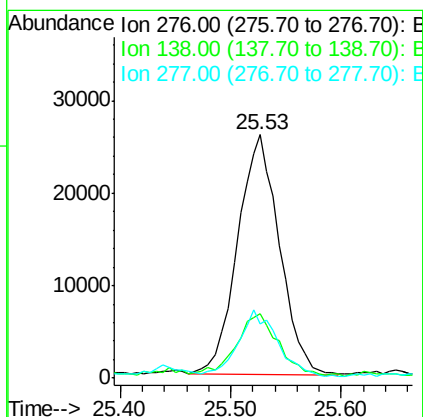
RT: 25.53 min Scan# 3887

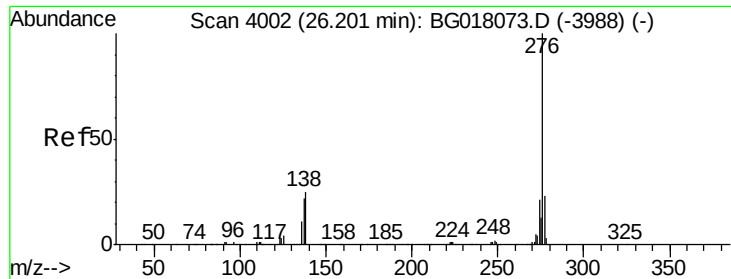
Delta R.T. 0.00 min

Lab File: BG018081.D

Acq: 24 Jul 2015 00:58

Tgt Ion:	276	Resp:	68741
Ion Ratio	Lower	Upper	
276	100		
138	26.3	22.6	33.8
277	22.1	19.8	29.8





#94

Benzo(g,h,i)perylene

Concen: 3.67 ng/ul

RT: 26.20 min Scan# 4002

Delta R.T. 0.00 min

Lab File: BG018081.D

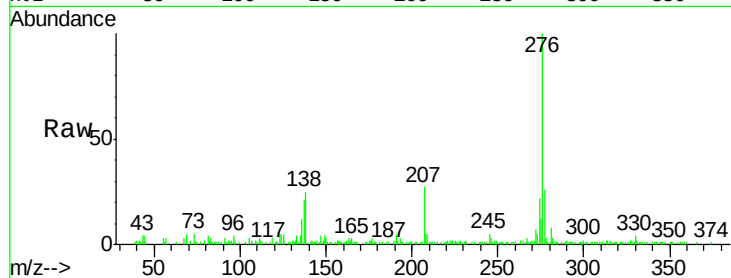
Acq: 24 Jul 2015 00:58

Instrument :

BNA_G

ClientSampleId :

C02L9



Tgt Ion:	276	Resp:	62843
Ion Ratio	Lower	Upper	
276	100		
138	24.8	18.8	28.2
277	26.3	19.3	28.9

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