

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018134.D
 Acq On : 28 Jul 2015 3:47
 Operator : TP/UM
 Sample : G3030-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M8

Manual Integrations
 APPROVED

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 7/28/2015 5:50:45 PM

Quant Time: Jul 28 04:40:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 02:39:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	30202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	145845	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	96863	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	222045m	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	236213	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	231175	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	1812	3.75	ng/uL	0.00
5) Phenol-d5	6.69	99	42662	18.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	21820	18.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	41478	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	38649	18.70	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	22560	19.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	23735	19.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	41151	19.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	53077	21.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	133487	19.63	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	165723	19.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	17015	11.89	ng/ul	0.00
58) Fluorene-d10	15.18	176	124656	19.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	11346	7.99	ng/ul	0.00
71) Anthracene-d10	17.03	188	185558	19.29	ng/ul	0.00
79) Pyrene-d10	19.34	212	207580	19.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	216490	19.62	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.64	163	69889	10.21	ng/ul	99
70) Phenanthrene	16.97	178	35164	3.15	ng/ul	95
80) Pyrene	19.37	202	43208	3.19	ng/ul	98
83) Benzo(a)anthracene	21.12	228	20191	1.62	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	12007	1.51	ng/ul	99
85) Chrysene	21.17	228	20217m	1.72	ng/ul	
88) Benzo(b)fluoranthene	22.67	252	21117	1.67	ng/ul	96
91) Benzo(a)pyrene	23.23	252	16794	1.37	ng/ul	99

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

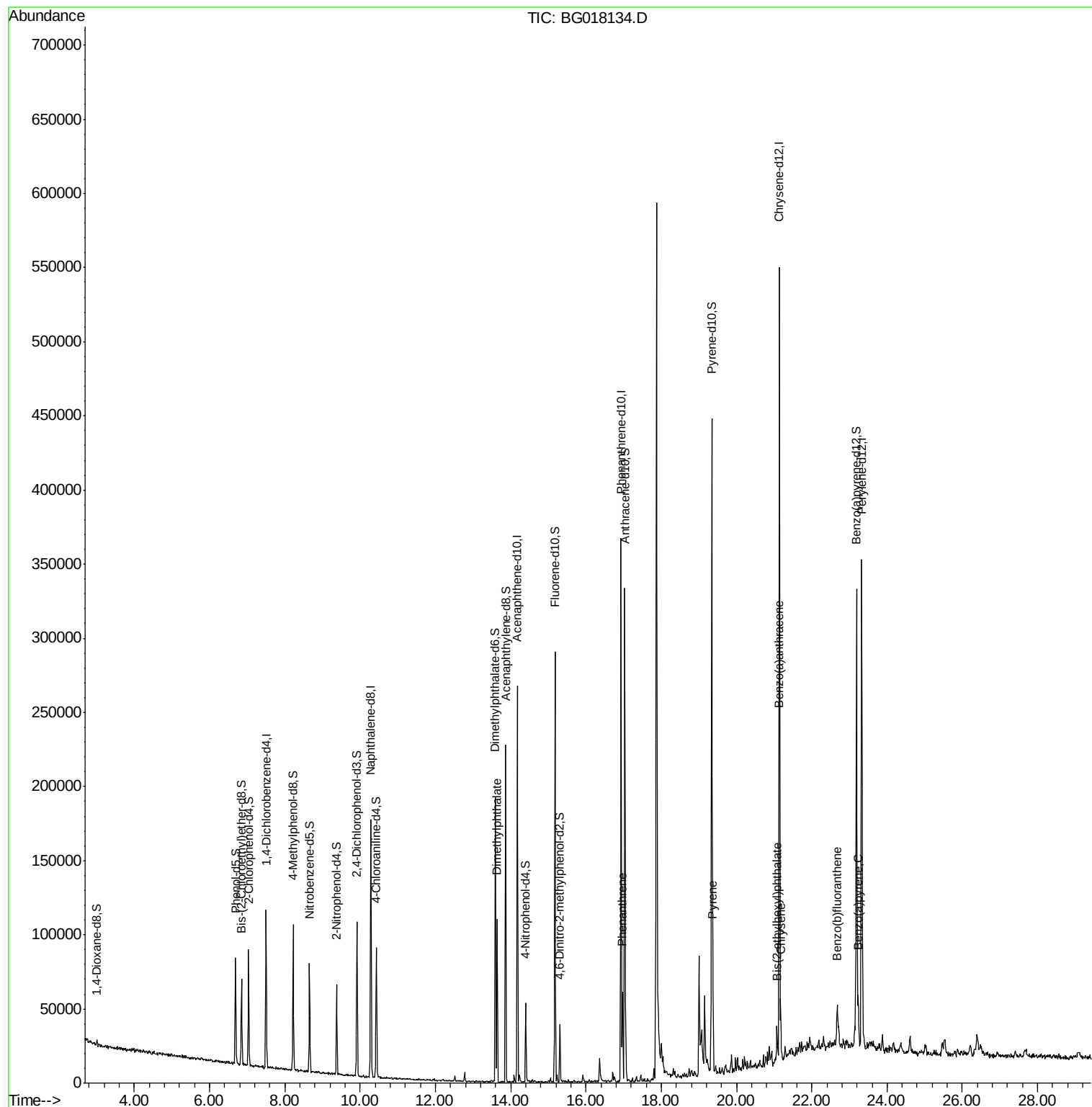
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
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Acq On : 28 Jul 2015 3:47
Operator : TP/UM
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ALS Vial : 25 Sample Multiplier: 1

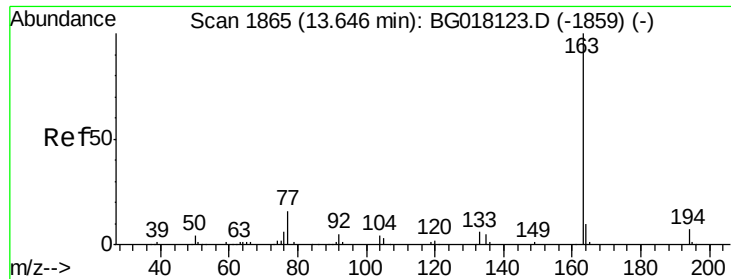
Instrument :
BNA_G
ClientSampleId :
C01M8

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Quant Time: Jul 28 04:40:59 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 02:39:42 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 10.21 ng/ul

RT: 13.64 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BG018134.D

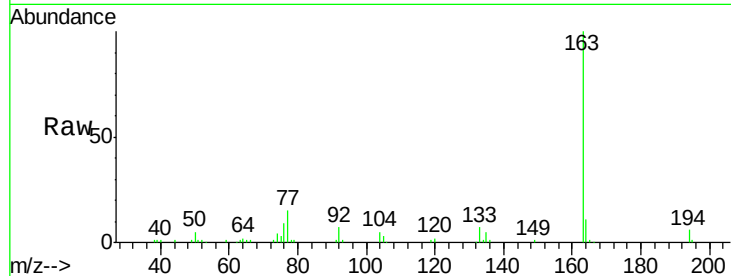
Acq: 28 Jul 2015 3:47

Instrument :

BNA_G

ClientSampleId :

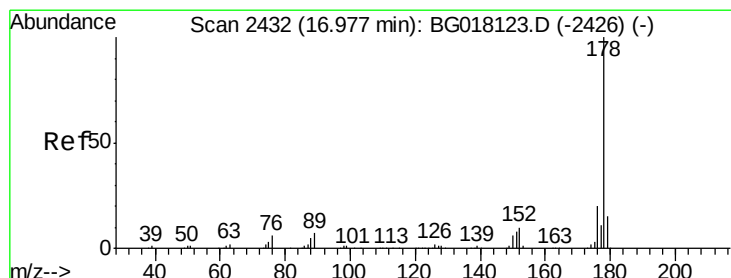
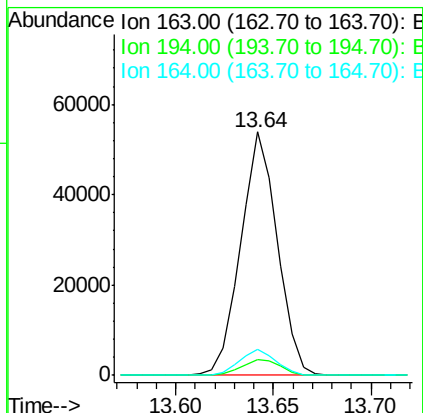
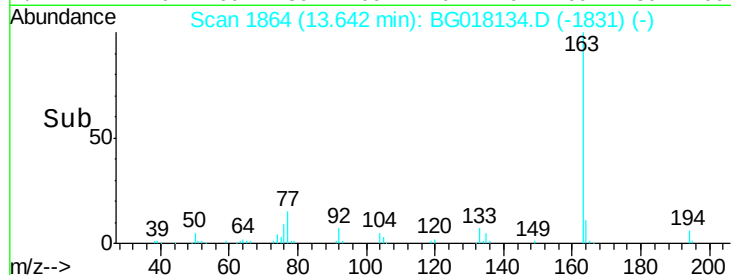
C01M8



Tgt Ion:	163	Resp:	69889
Ion Ratio	Lower	Upper	
163	100		
194	6.4	5.4	8.2
164	10.8	8.7	13.1

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#70

Phenanthrene

Concen: 3.15 ng/ul

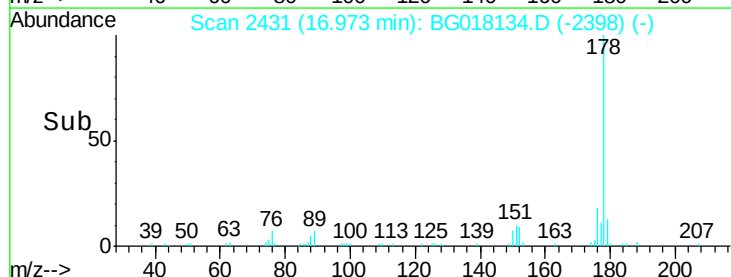
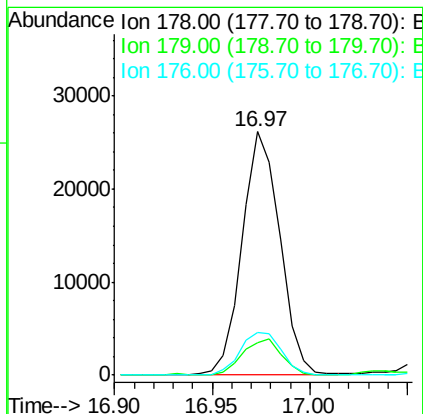
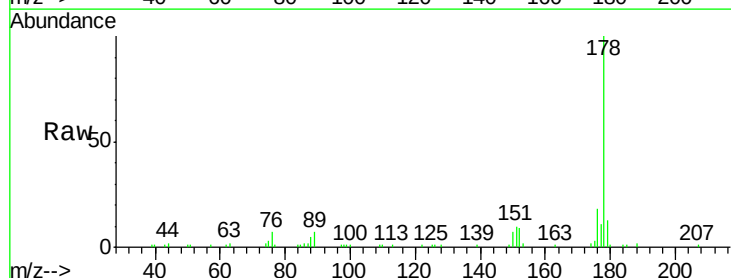
RT: 16.97 min Scan# 2431

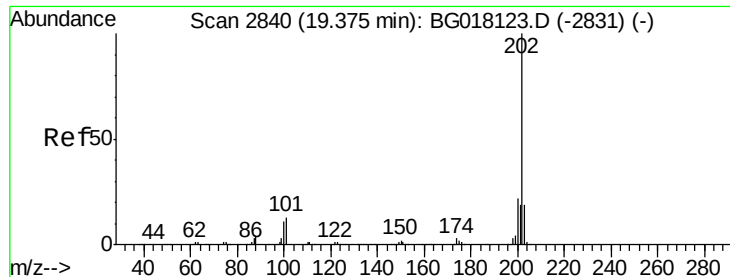
Delta R.T. -0.00 min

Lab File: BG018134.D

Acq: 28 Jul 2015 3:47

Tgt Ion:	178	Resp:	35164
Ion Ratio	Lower	Upper	
178	100		
179	13.5	13.0	19.6
176	17.7	15.8	23.8





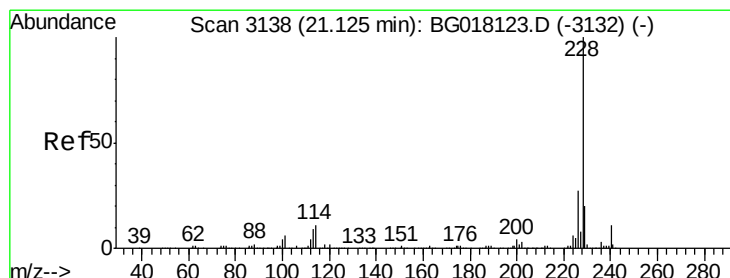
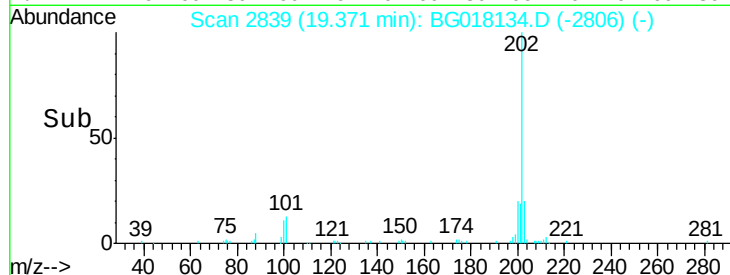
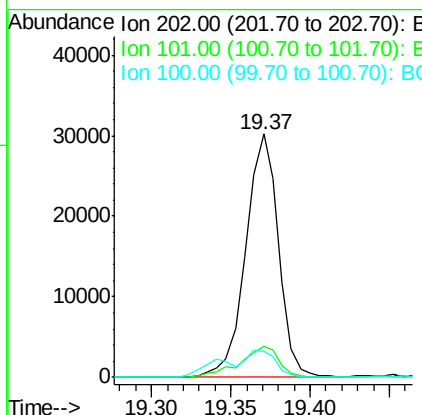
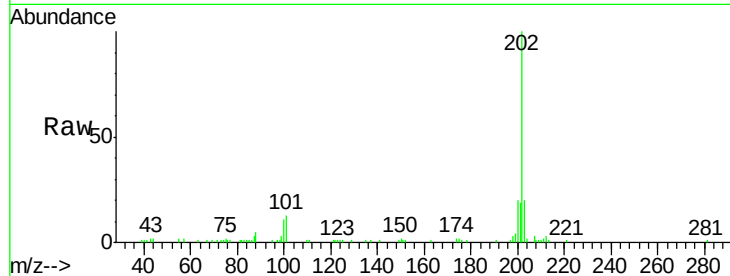
#80
 Pyrene
 Concen: 3.19 ng/ul
 RT: 19.37 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: BG018134.D
 Acq: 28 Jul 2015 3:47

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	43208		
101	12.6	10.9	16.3	
100	10.8	8.5	12.7	

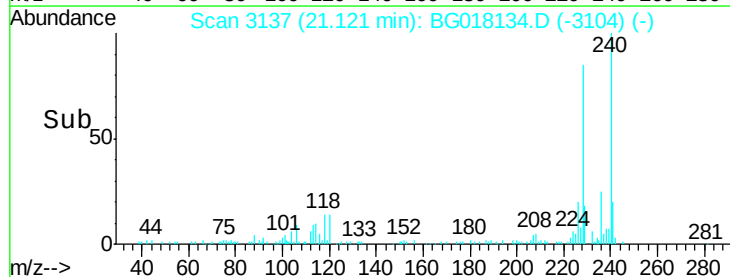
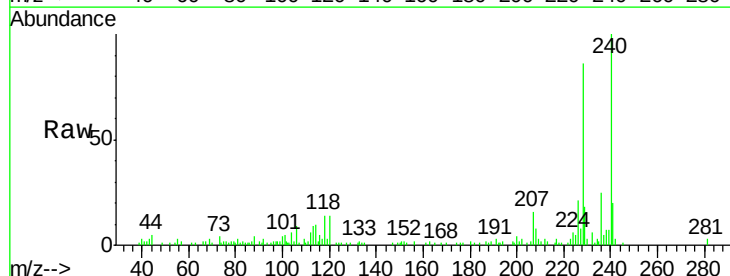
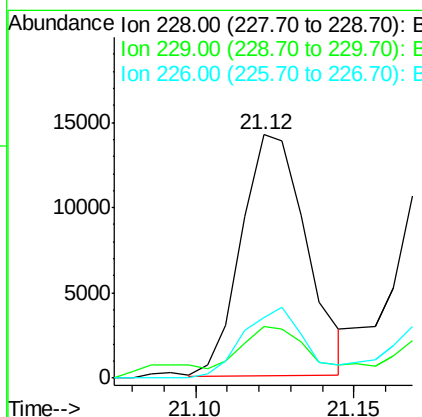
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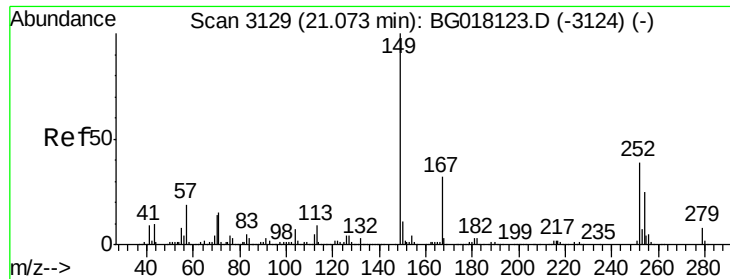
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#83
 Benzo(a)anthracene
 Concen: 1.62 ng/ul
 RT: 21.12 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG018134.D
 Acq: 28 Jul 2015 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	20191		
229	21.1	16.6	24.8	
226	24.9	21.1	31.7	





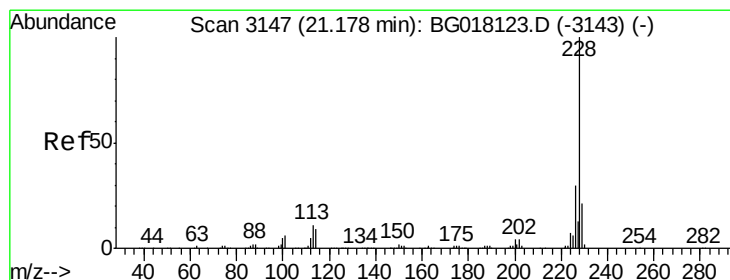
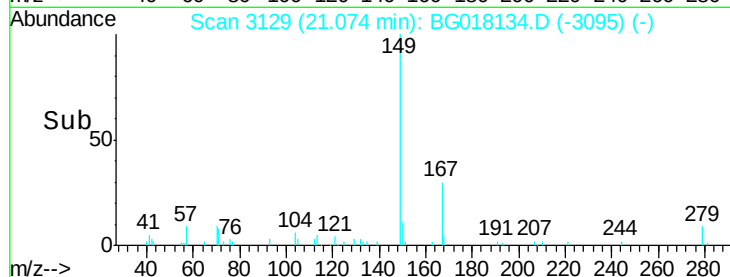
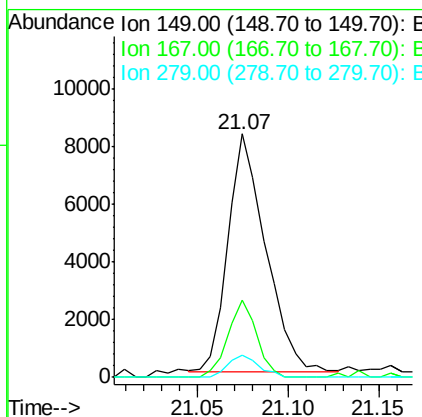
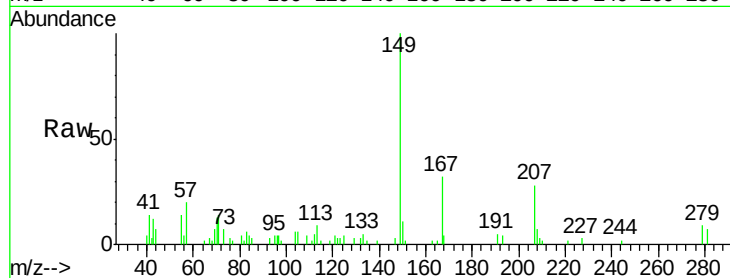
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.51 ng/ul
 RT: 21.07 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG018134.D
 Acq: 28 Jul 2015 3:47

Instrument :
 BNA_G
 ClientSampled :
 C01M8

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	12007		
167	31.9	26.2	39.4	
279	9.1	7.2	10.8	

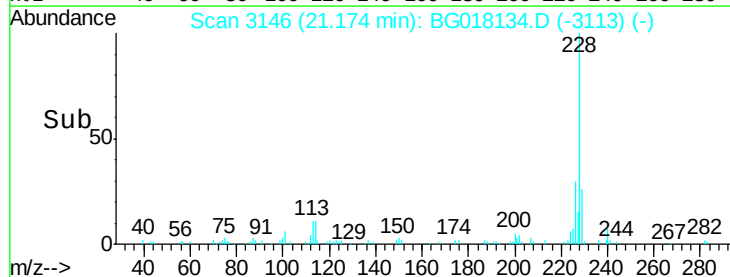
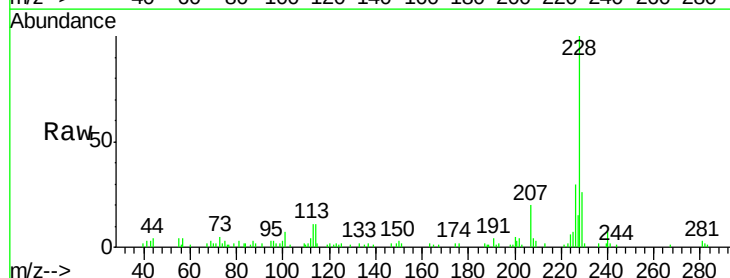
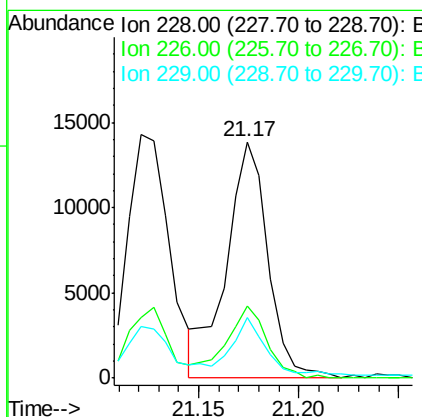
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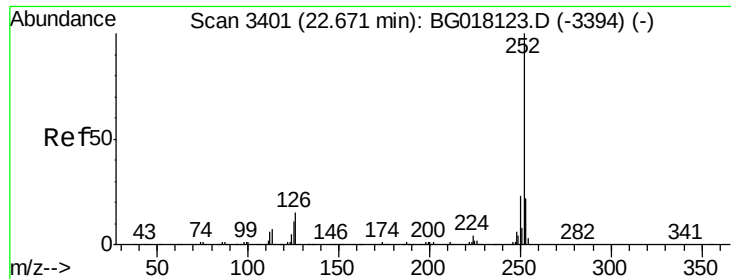
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#85
 Chrysene
 Concen: 1.72 ng/ul m
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG018134.D
 Acq: 28 Jul 2015 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	20217		
226	30.4	22.9	34.3	
229	25.8	15.6	23.4	





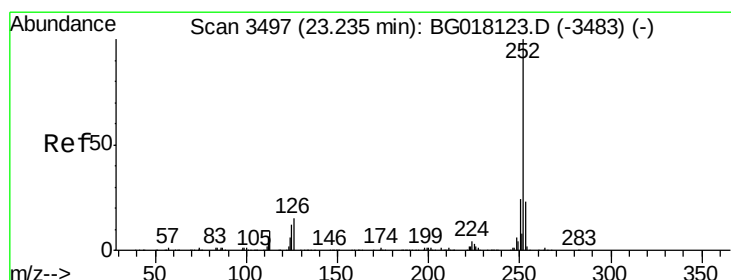
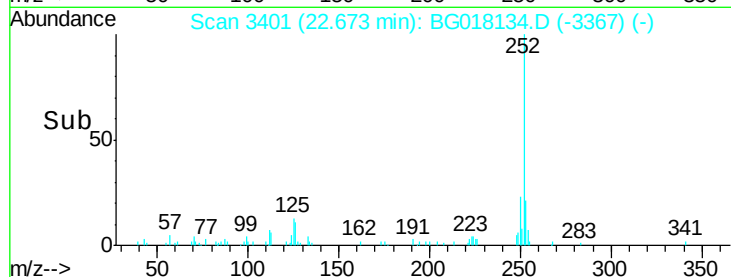
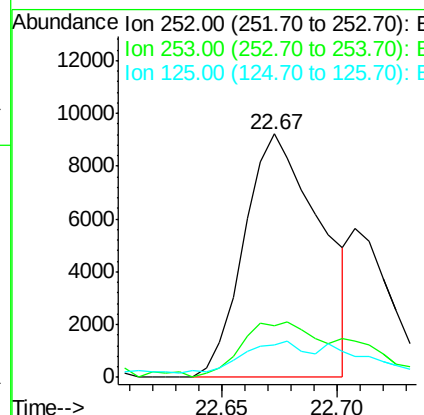
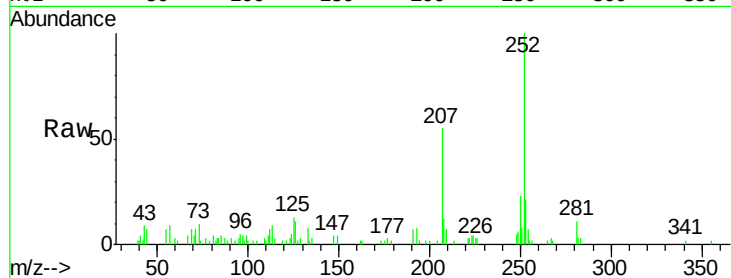
#88
Benzo(b)fluoranthene
Concen: 1.67 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. 0.00 min
Lab File: BG018134.D
Acq: 28 Jul 2015 3:47

Instrument :
BNA_G
ClientSampleId :
C01M8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.5	27.7
125	13.3	9.1	13.7

Manual Integrations
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#91
Benzo(a)pyrene
Concen: 1.37 ng/ul
RT: 23.23 min Scan# 3496
Delta R.T. -0.00 min
Lab File: BG018134.D
Acq: 28 Jul 2015 3:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.4	10.2	15.2

