

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
 Data File : BG018350.D
 Acq On : 10 Aug 2015 4:37
 Operator : UM/TP
 Sample : G3136-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02D0

Manual Integrations
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 8/10/2015 7:27:23 PM

Quant Time: Aug 10 08:20:24 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 07:50:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	142826	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	700161	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.70	164	434255	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.44	188	881233	20.00	ng/ul	0.02
78) Chrysene-d12	21.71	240	746534	20.00	ng/ul	0.02
86) Perylene-d12	24.97	264	738656	20.00	ng/ul	0.05

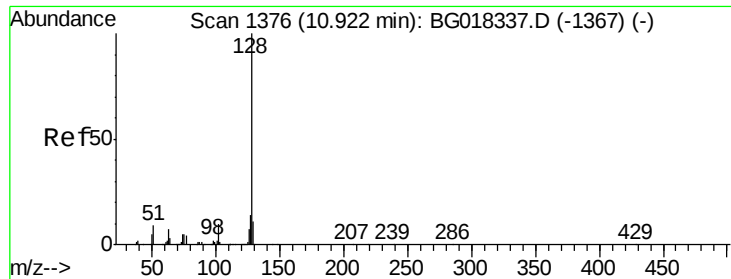
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	5155m	1.59	ng/uL	0.00
5) Phenol-d5	7.24	99	115942	8.94	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	72655	9.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	87492	8.81	ng/ul	0.02
13) 4-Methylphenol-d8	8.77	113	75264	6.91	ng/ul	0.02
19) Nitrobenzene-d5	9.23	128	45156	8.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	44986	8.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	86834	7.36	ng/ul	0.02
29) 4-Chloroaniline-d4	11.01	131	69087	5.18	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	280559	7.68	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	257307	5.59	ng/ul	0.02
52) 4-Nitrophenol-d4	14.88	143	18226	2.77	ng/ul	0.02
58) Fluorene-d10	15.68	176	172332	5.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.54	188	212654	5.05	ng/ul	0.02
79) Pyrene-d10	19.82	212	178908	4.62	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.74	264	143769	3.67	ng/ul	0.04

Target Compounds

					Ovalue
28) Naphthalene	10.94	128	80645	2.18	ng/ul 100
45) Dimethylphthalate	14.14	163	160382	4.45	ng/ul# 99
50) Acenaphthene	14.76	153	33524	1.04	ng/ul 94
70) Phenanthrene	17.48	178	235251	4.92	ng/ul 98
72) Anthracene	17.57	178	55330m	1.14	ng/ul
77) Fluoranthene	19.49	202	372615	7.30	ng/ul 99
80) Pyrene	19.85	202	347141	6.88	ng/ul 99
83) Benzo(a)anthracene	21.69	228	181923	3.93	ng/ul 94
84) Bis(2-ethylhexyl)phthalate	21.61	149	100869	3.34	ng/ul# 93
85) Chrysene	21.76	228	184489	4.26	ng/ul 99
88) Benzo(b)fluoranthene	23.93	252	269337	5.80	ng/ul# 90
89) Benzo(k)fluoranthene	24.00	252	85914	1.92	ng/ul# 77
91) Benzo(a)pyrene	24.81	252	190409	4.32	ng/ul# 91
92) Indeno(1,2,3-cd)pyrene	28.67	276	120691m	2.36	ng/ul
94) Benzo(g,h,i)perylene	29.83	276	91326	2.13	ng/ul# 92

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



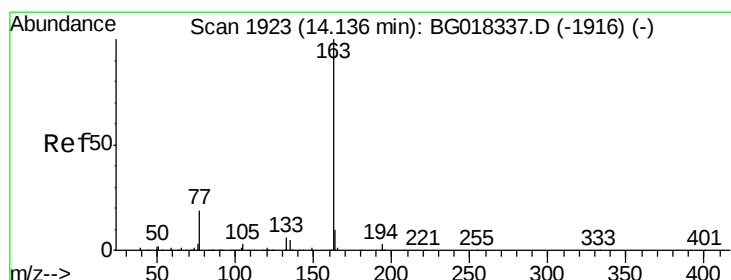
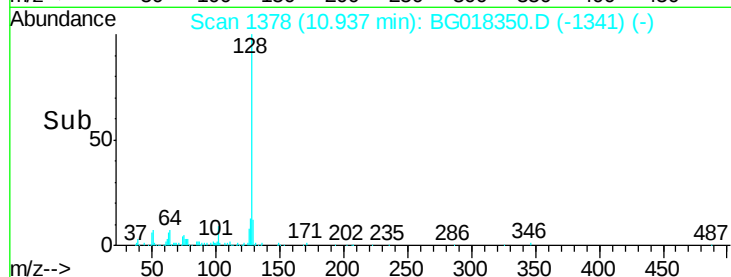
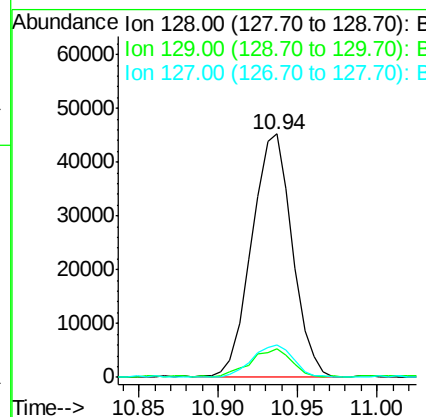
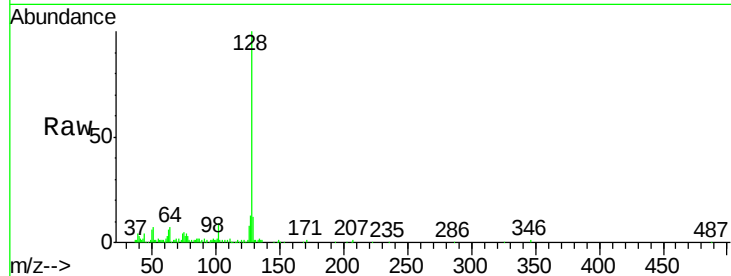
#28
Naphthalene
Concen: 2.18 ng/ul
RT: 10.94 min Scan# 1378
Delta R.T. 0.02 min
Lab File: BG018350.D
Acq: 10 Aug 2015 4:37

Instrument :
BNA_G
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Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.6	14.4	
127	13.2	10.5	15.7	

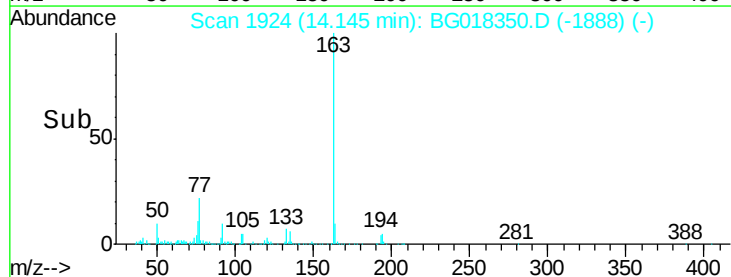
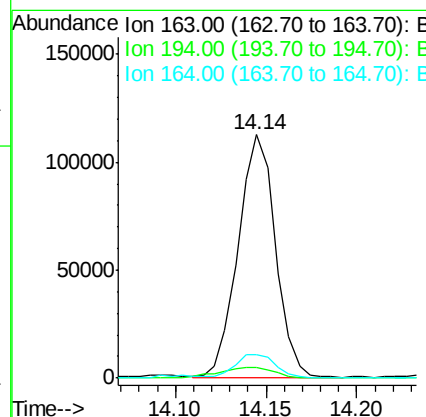
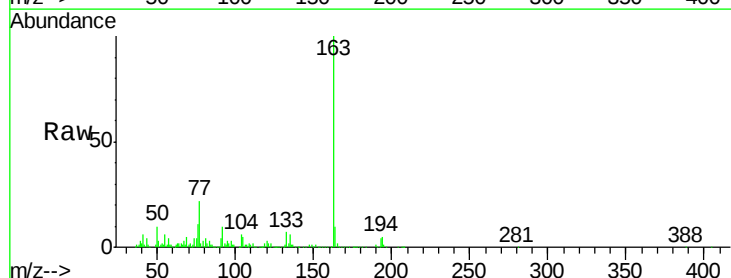
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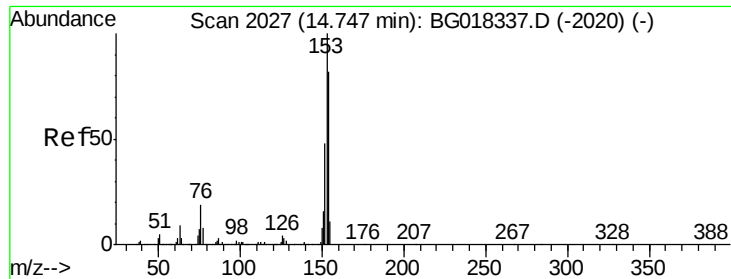
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#45
Dimethylphthalate
Concen: 4.45 ng/ul
RT: 14.14 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BG018350.D
Acq: 10 Aug 2015 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.5	2.9	4.3#	
164	9.9	7.7	11.5	





#50

Acenaphthene

Concen: 1.04 ng/ul

RT: 14.76 min Scan# 2029

Delta R.T. 0.02 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

Instrument :

BNA_G

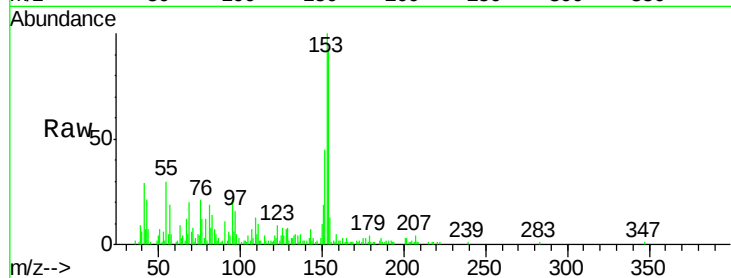
ClientSampleId :

C02D0

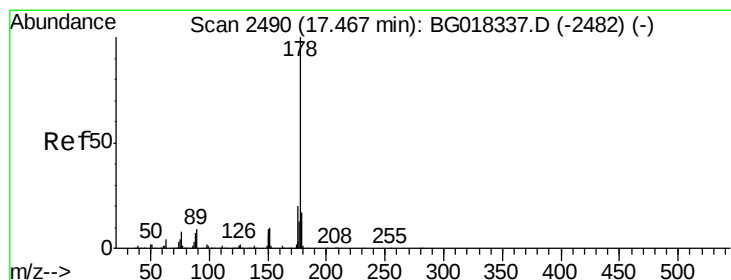
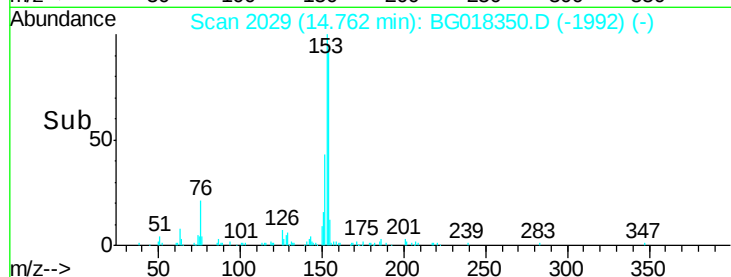
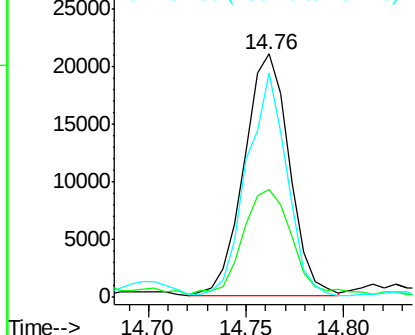
Tot Ion:	153	Resp:	33524
Ion Ratio	Lower	Upper	
153	100		
152	44.6	38.2	57.4
154	92.2	68.6	103.0

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#70

Phenanthrene

Concen: 4.92 ng/ul

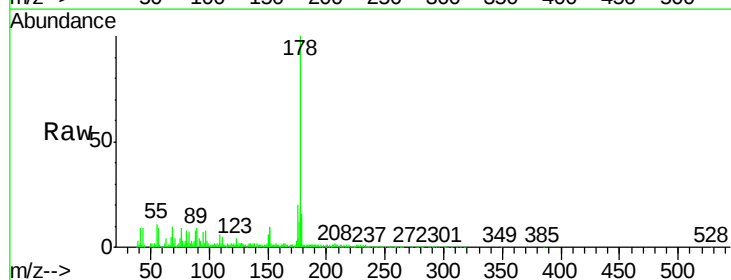
RT: 17.48 min Scan# 2492

Delta R.T. 0.02 min

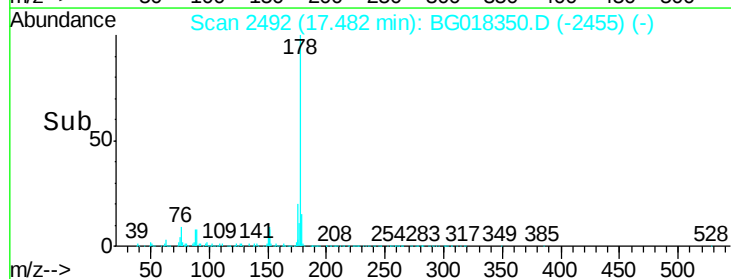
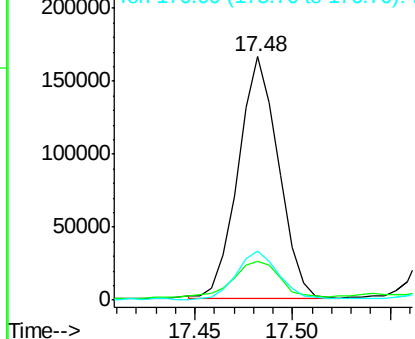
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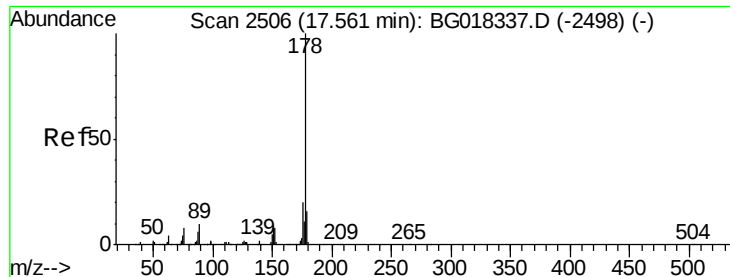
Acq: 10 Aug 2015 4:37

Tgt Ion:	178	Resp:	235251
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.7	20.5
176	20.1	16.6	24.8



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





#72

Anthracene

Concen: 1.14 ng/ul m

RT: 17.57 min Scan# 2507

Delta R.T. 0.01 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

Instrument :

BNA_G

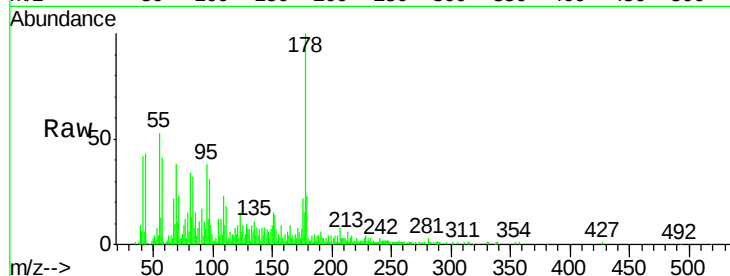
ClientSampleId :

C02D0

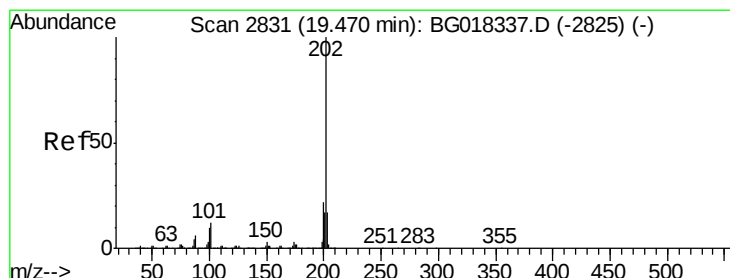
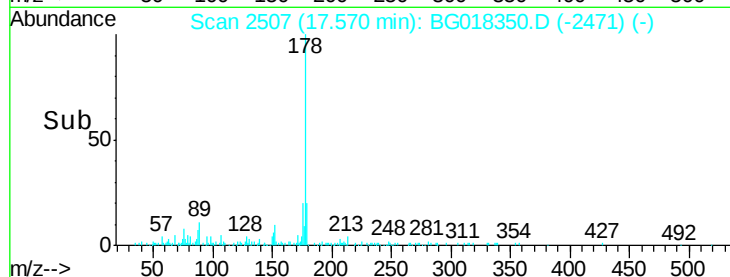
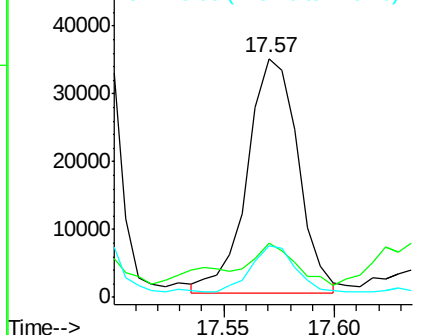
Tot Ion:	178	Resp:	55330
Ion Ratio	Lower	Upper	
178	100		
179	22.9	13.0	19.4#
176	21.9	16.0	24.0

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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: 7.30 ng/ul

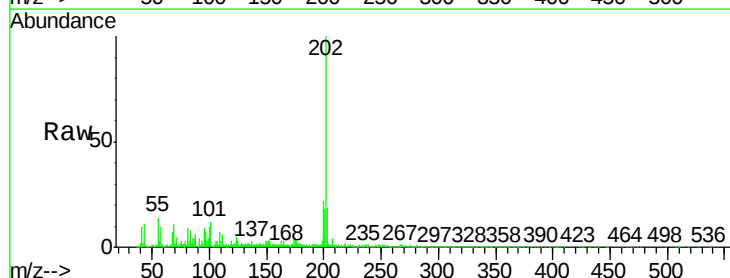
RT: 19.49 min Scan# 2833

Delta R.T. 0.02 min

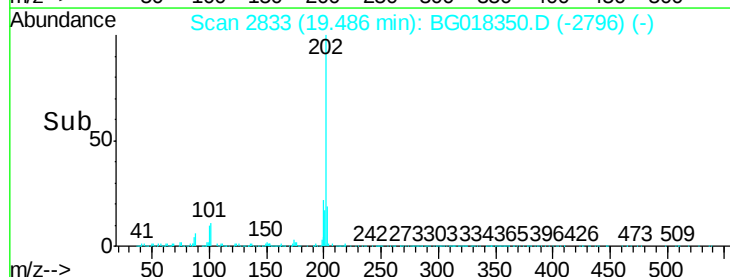
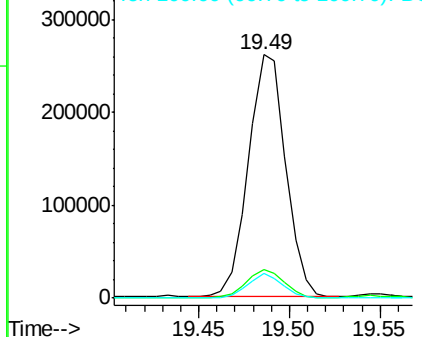
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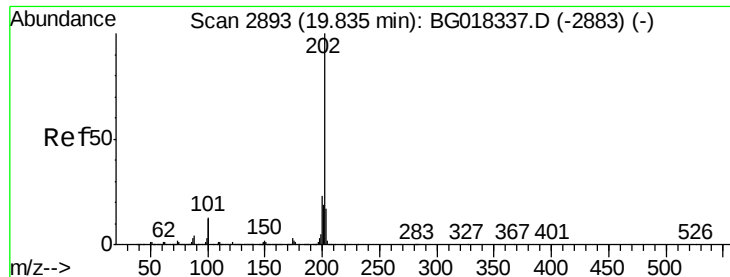
Acq: 10 Aug 2015 4:37

Tgt Ion:	202	Resp:	372615
Ion Ratio	Lower	Upper	
202	100		
101	11.8	9.7	14.5
100	10.2	7.8	11.8



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





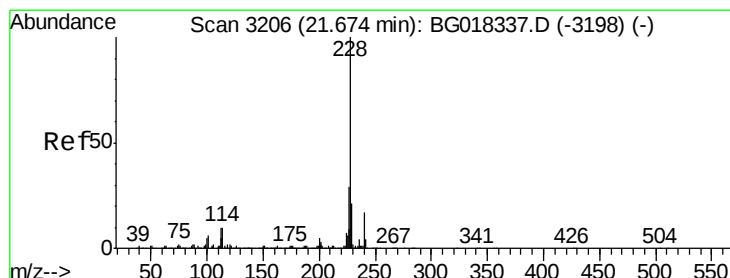
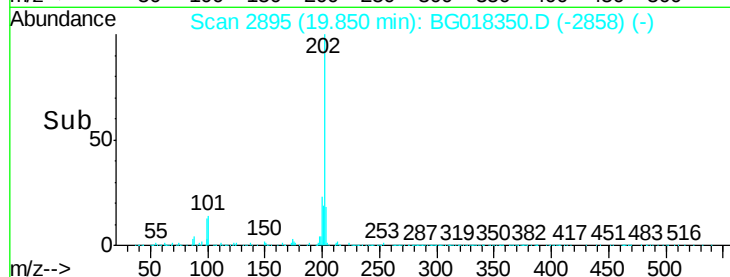
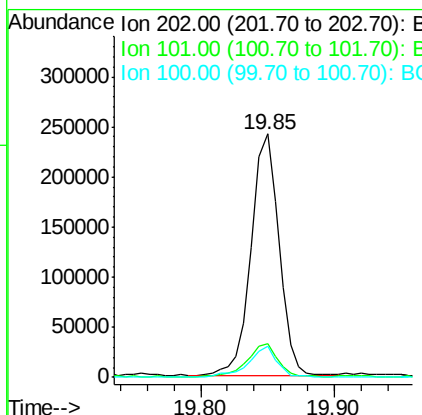
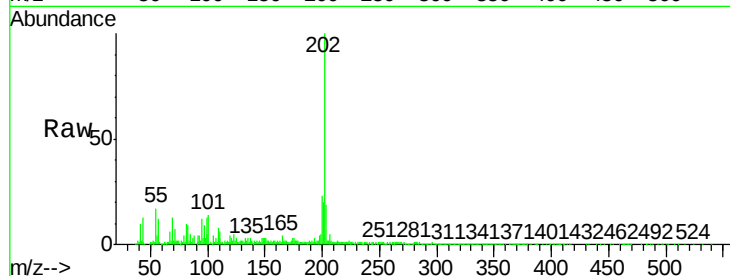
#80
Pvrene
Concen: 6.88 ng/ul
RT: 19.85 min Scan# 2895
Delta R.T. 0.02 min
Lab File: BG018350.D
Acq: 10 Aug 2015 4:37

Instrument :
BNA_G
ClientSampleId :
C02D0

Tot Ion:	202	Resp:	347141
Ion Ratio	Lower	Upper	
202	100		
101	14.1	11.0	16.4
100	12.8	9.8	14.6

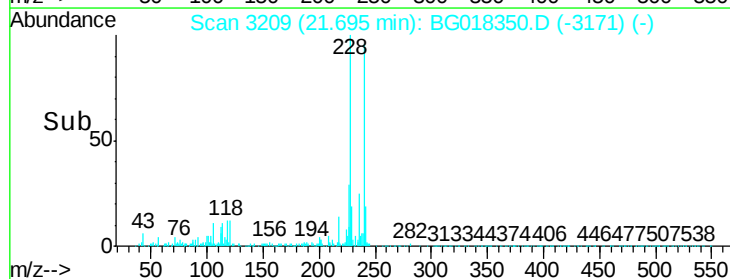
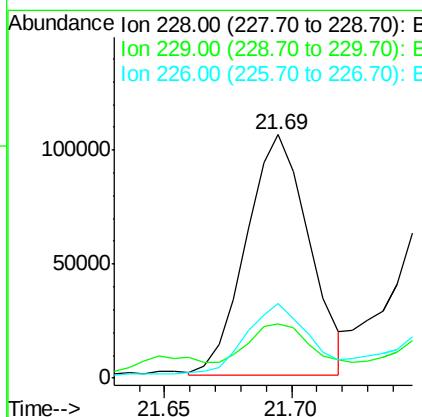
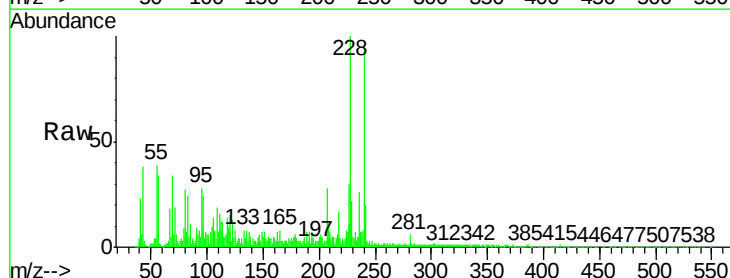
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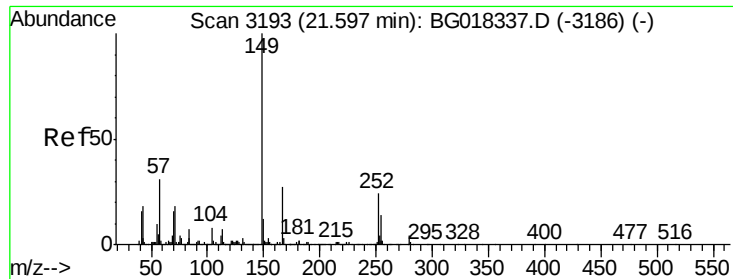
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#83
Benzo(a)anthracene
Concen: 3.93 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. 0.02 min
Lab File: BG018350.D
Acq: 10 Aug 2015 4:37

Tgt Ion:	228	Resp:	181923
Ion Ratio	Lower	Upper	
228	100		
229	22.4	15.5	23.3
226	30.5	22.1	33.1





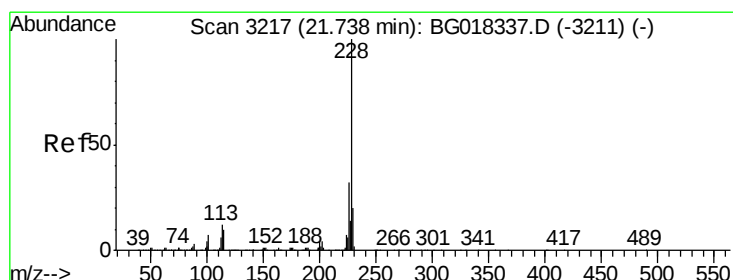
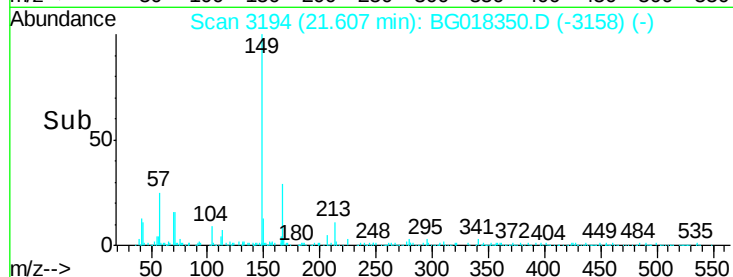
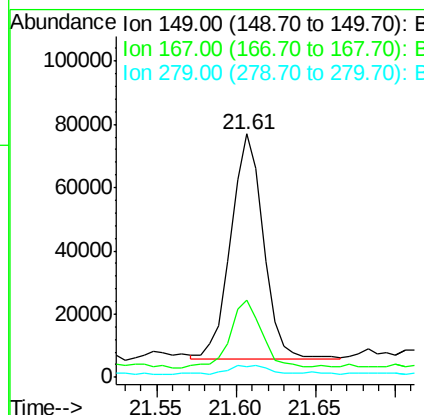
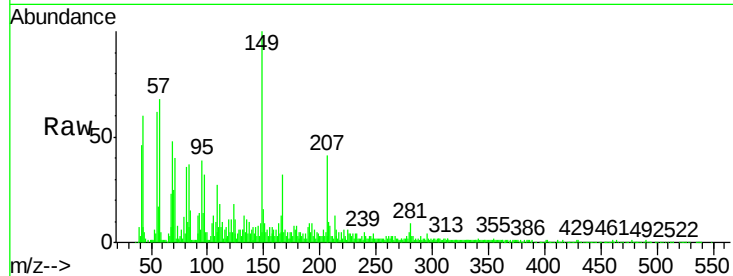
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.34 ng/ul
 RT: 21.61 min Scan# 3194
 Delta R.T. 0.01 min
 Lab File: BG018350.D
 Acq: 10 Aug 2015 4:37

Instrument :
 BNA_G
 ClientSampleId :
 C02D0

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	31.6	22.2	33.2
279	4.6	2.8	4.2#

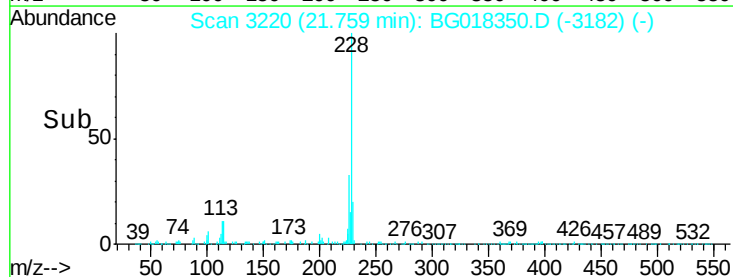
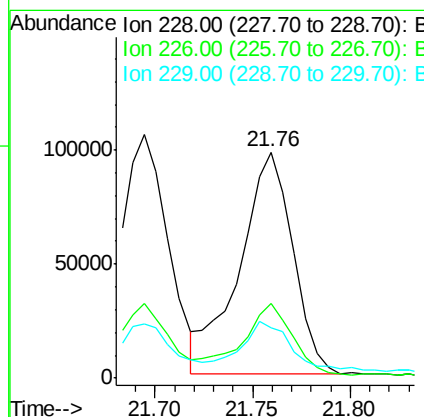
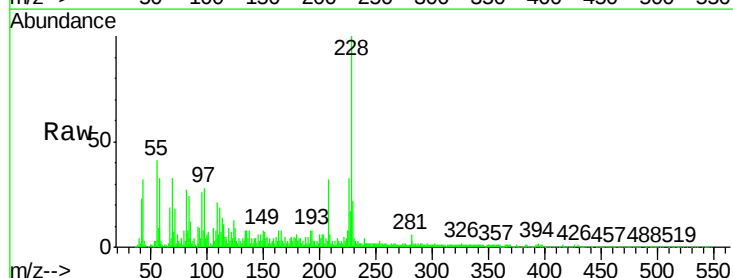
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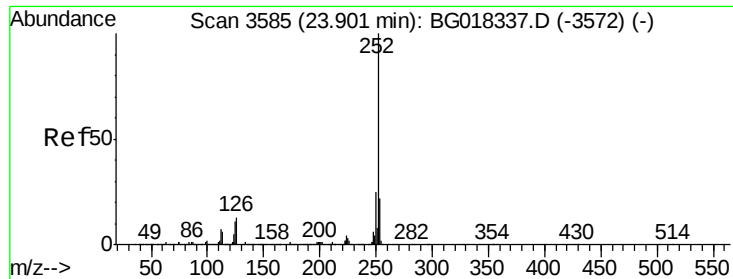
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#85
 Chrysene
 Concen: 4.26 ng/ul
 RT: 21.76 min Scan# 3220
 Delta R.T. 0.02 min
 Lab File: BG018350.D
 Acq: 10 Aug 2015 4:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	33.3	26.5	39.7
229	22.2	16.9	25.3





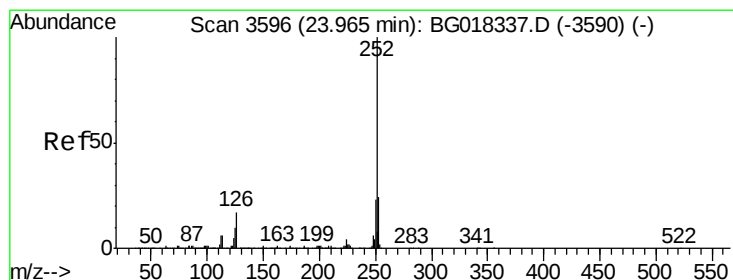
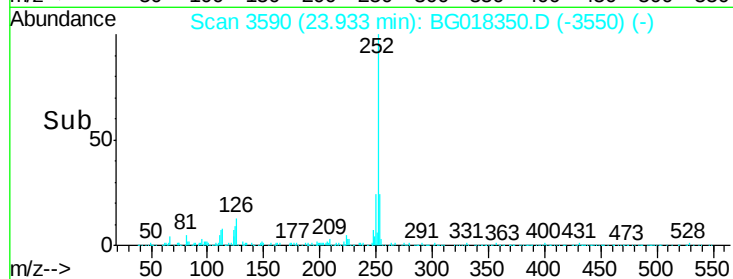
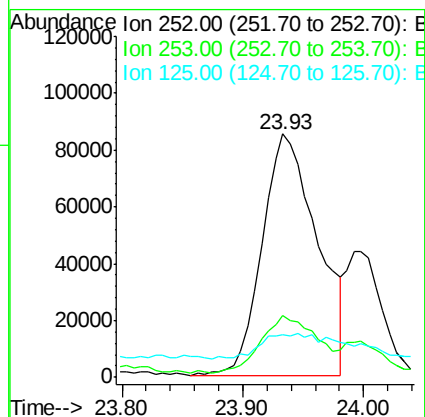
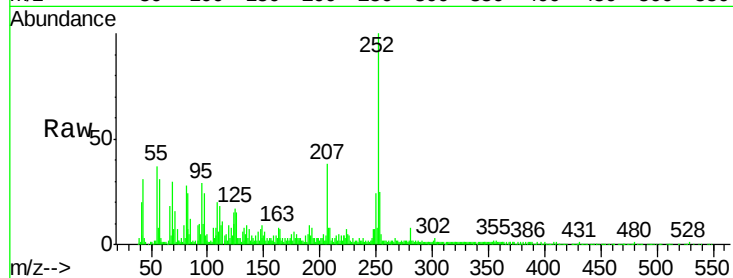
#88
Benzo(b)fluoranthene
Concen: 5.80 ng/ul
RT: 23.93 min Scan# 3590
Delta R.T. 0.03 min
Lab File: BG018350.D
Acq: 10 Aug 2015 4:37

Instrument :
BNA_G
ClientSampleId :
C02D0

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.3	18.1	27.1
125	17.4	8.3	12.5

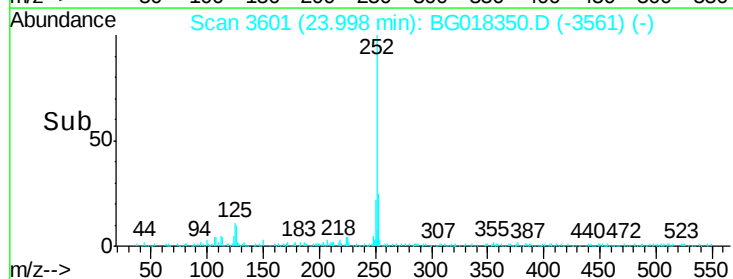
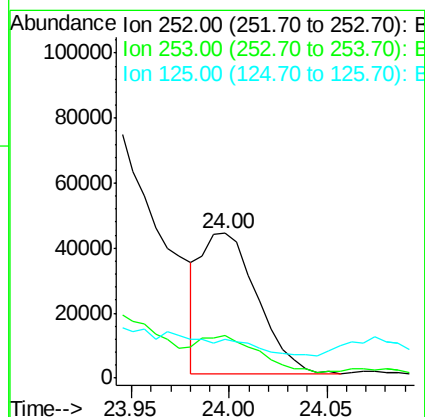
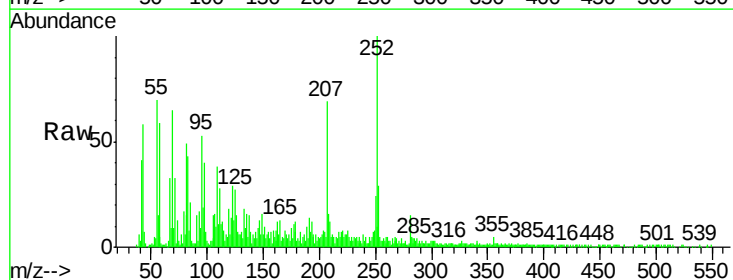
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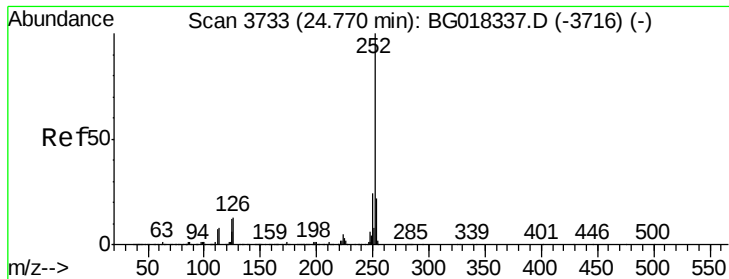
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#89
Benzo(k)fluoranthene
Concen: 1.92 ng/ul
RT: 24.00 min Scan# 3601
Delta R.T. 0.03 min
Lab File: BG018350.D
Acq: 10 Aug 2015 4:37

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	29.1	17.8	26.6
125	26.6	9.0	13.4





#91

Benzo(a)pyrene

Concen: 4.32 ng/ul

RT: 24.81 min Scan# 3740

Delta R.T. 0.04 min

Lab File: BG018350.D

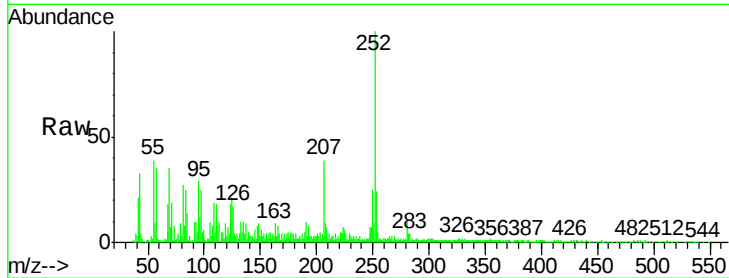
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Instrument :

BNA_G

ClientSampleId :

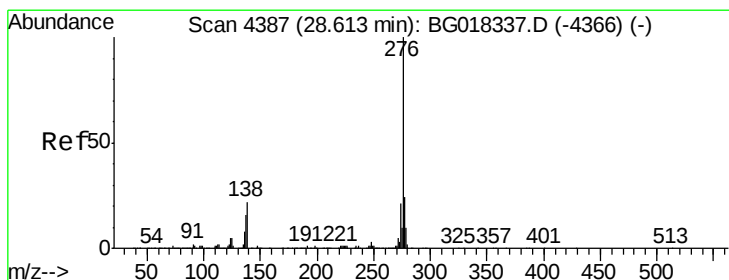
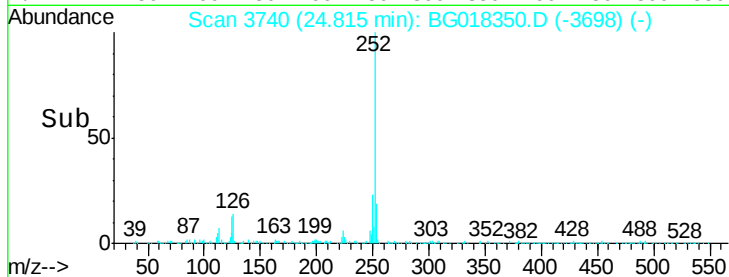
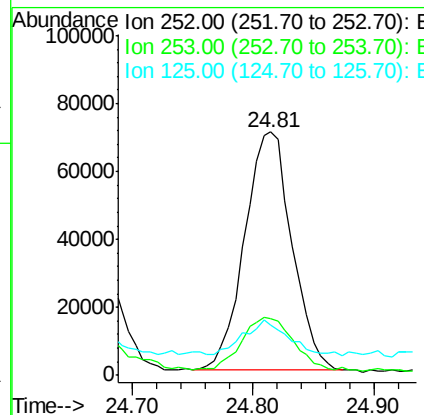
C02D0



Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	20.8	10.2	15.2

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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.36 ng/ul m

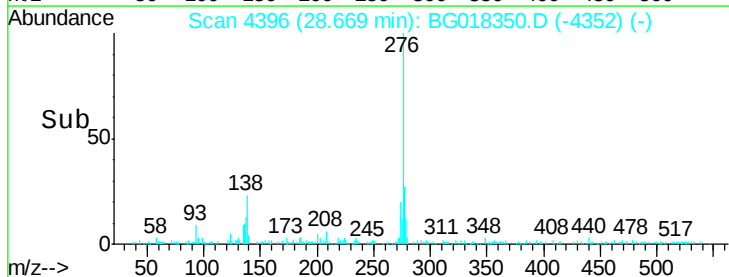
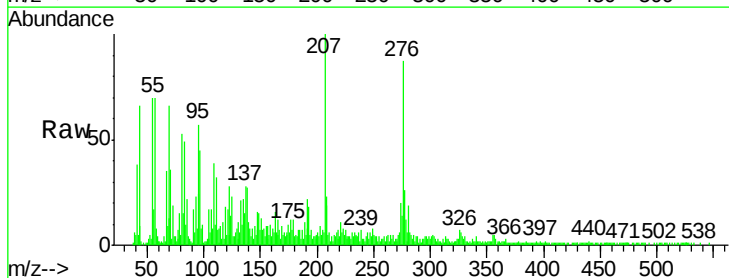
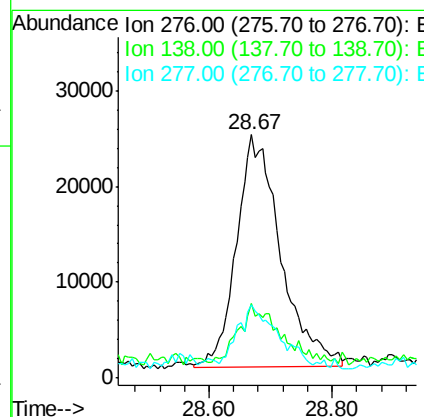
RT: 28.67 min Scan# 4396

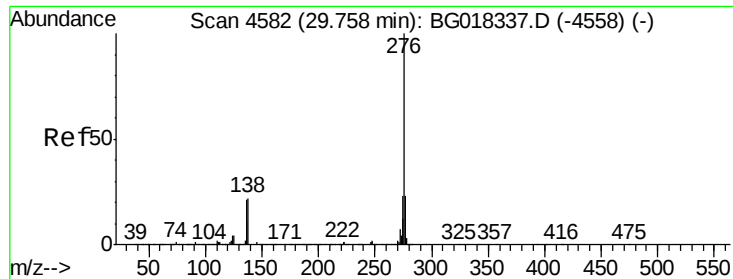
Delta R.T. 0.06 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.9	15.8	23.6
277	30.2	18.9	28.3





#94

Benzo(a,h,i)perylene

Concen: 2.13 ng/ul

RT: 29.83 min Scan# 4594

Delta R.T. 0.07 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

Instrument :

BNA_G

ClientSampleId :

C02D0

Tot Ion:	276	Resp:	91326
Ion Ratio	Lower	Upper	
276	100		
138	26.4	16.5	24.7#
277	26.0	19.0	28.6

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:27:23 PM

