

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
 Data File : BG018547.D
 Acq On : 29 Aug 2015 21:56
 Operator : UM/MA
 Sample : G3476-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCTJ7

Manual Integrations
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 8/31/2015 1:49:40 PM

Quant Time: Aug 31 05:18:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 03:36:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	99975	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	474202	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	314894	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	737553	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	706710	20.00	ng/ul	-0.03
86) Perylene-d12	24.84	264	701874	20.00	ng/ul	-0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	10703	4.73	ng/uL	0.00
5) Phenol-d5	7.17	99	330438	36.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	183550	32.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	239754	34.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	253545	33.26	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	131781	35.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	144694	38.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	302510	37.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	301707	33.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	922662	34.82	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	1121190	33.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	175613	36.85	ng/ul	0.00
58) Fluorene-d10	15.63	176	809227	35.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	122720	33.83	ng/ul	0.00
71) Anthracene-d10	17.48	188	1213237	34.39	ng/ul	0.00
79) Pyrene-d10	19.76	212	1137919	31.04	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.62	264	1102822	29.60	ng/ul	-0.05

Target Compounds

						Qvalue
45) Dimethylphthalate	14.09	163	362172	13.86	ng/ul	98
70) Phenanthrene	17.42	178	68710	1.72	ng/ul	99
77) Fluoranthene	19.43	202	192610	4.51	ng/ul	97
80) Pyrene	19.79	202	204699	4.28	ng/ul	97
83) Benzo(a)anthracene	21.62	228	92024	2.10	ng/ul	98
85) Chrysene	21.68	228	113447	2.77	ng/ul	96
88) Benzo(b)fluoranthene	23.83	252	132716	3.01	ng/ul	96
89) Benzo(k)fluoranthene	23.89	252	44027m	1.04	ng/ul	
91) Benzo(a)pyrene	24.69	252	85581	2.04	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.47	276	58641m	1.21	ng/ul	
94) Benzo(g,h,i)perylene	29.60	276	58303m	1.43	ng/ul	

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

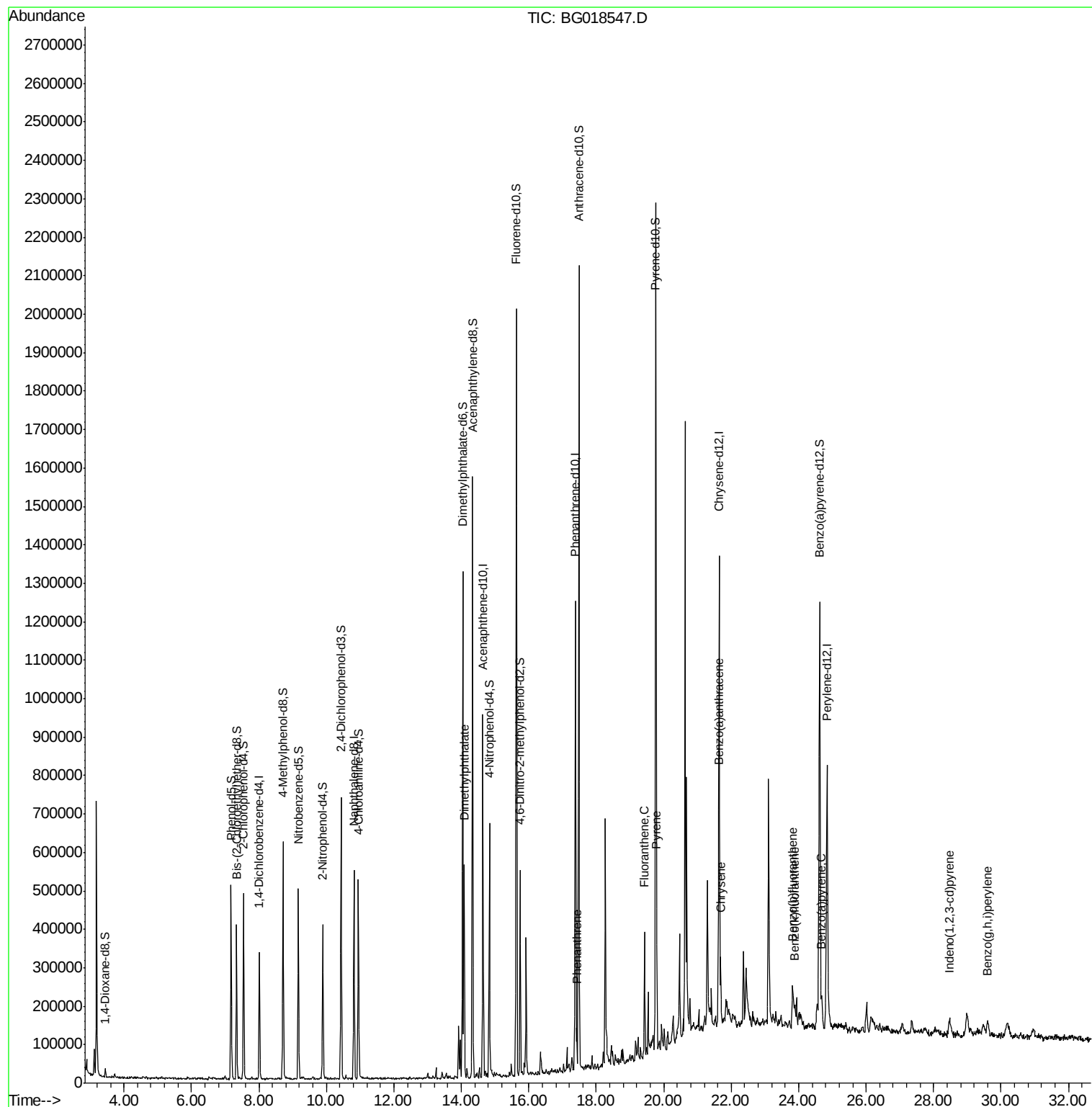
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018547.D
Acq On : 29 Aug 2015 21:56
Operator : UM/MA
Sample : G3476-09
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ALS Vial : 13 Sample Multiplier: 1

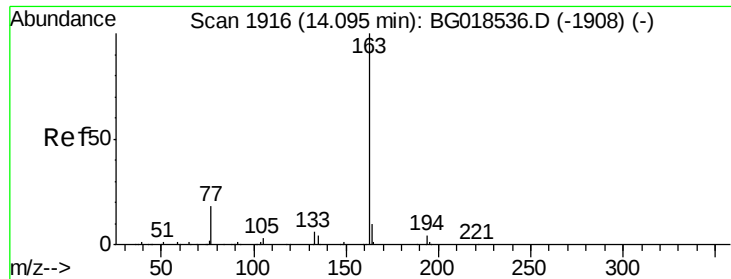
Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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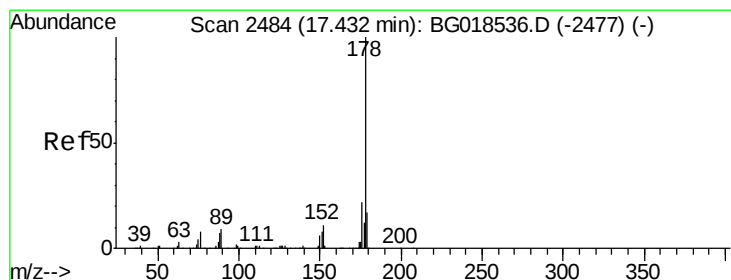
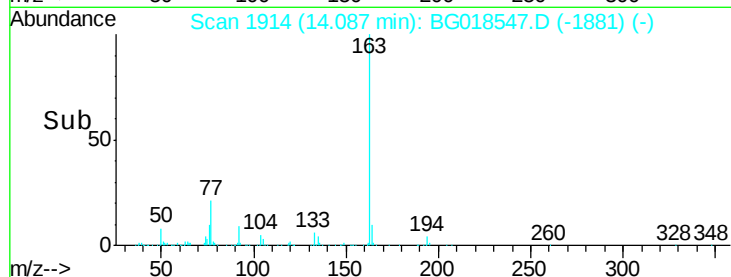
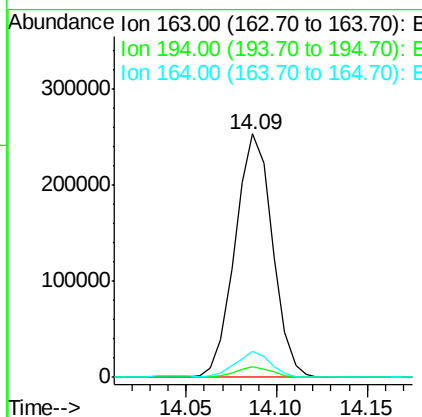
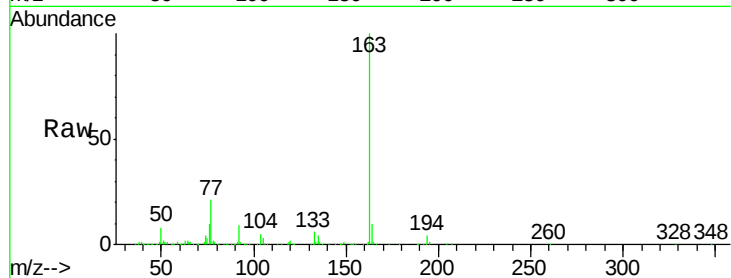
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Dimethylphthalate
Concen: 13.86 ng/ul
RT: 14.09 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BG018547.D
Acq: 29 Aug 2015 21:56

Instrument :
BNA_G
ClientSampleId :
BCTJ7

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	362172		
194	4.3	2.9	4.3	
164	10.5	7.7	11.5	

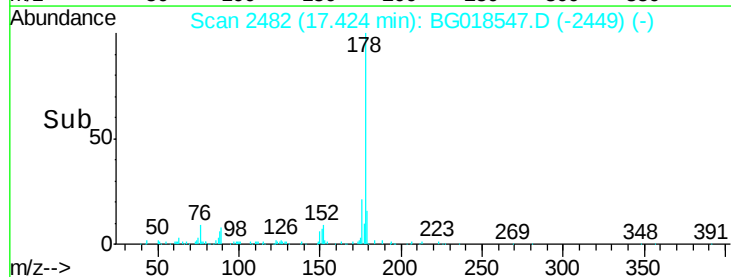
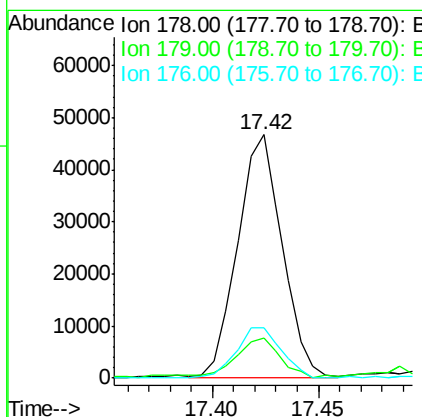
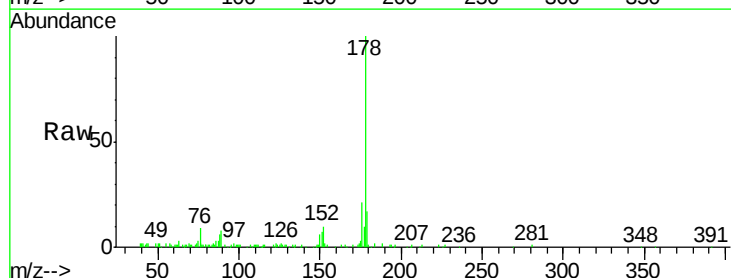
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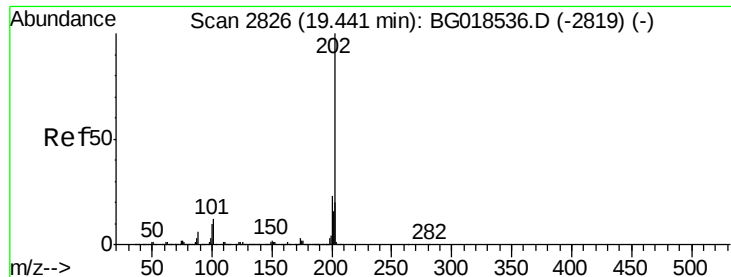
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#70
Phenanthrene
Concen: 1.72 ng/ul
RT: 17.42 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BG018547.D
Acq: 29 Aug 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	68710		
179	16.7	13.7	20.5	
176	20.9	16.6	24.8	





#77

Fluoranthene

Concen: 4.51 ng/ul

RT: 19.43 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG018547.D

Acq: 29 Aug 2015 21:56

Instrument :

BNA_G

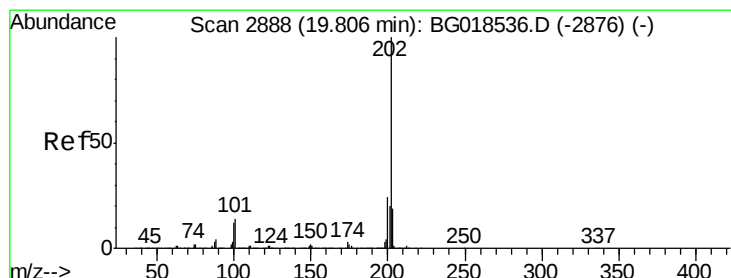
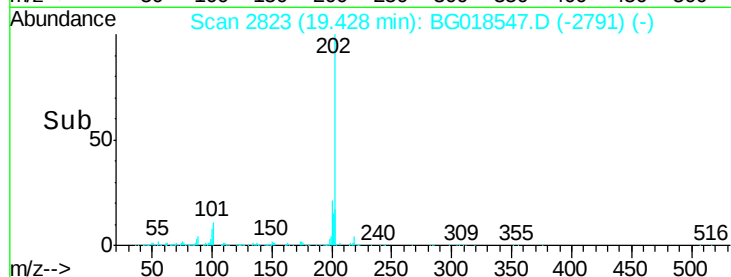
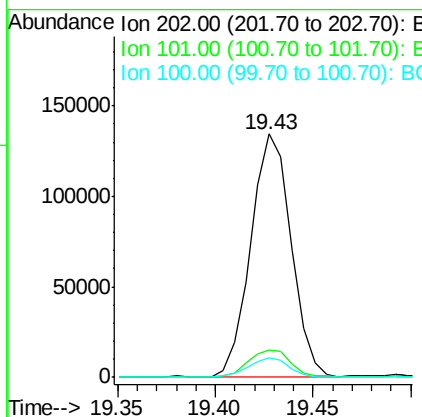
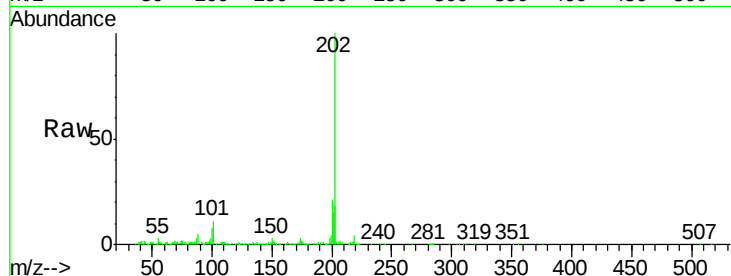
ClientSampleId :

BCTJ7

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		192610		
101	11.2	9.7	14.5		
100	8.1	7.8	11.8		

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#80

Pyrene

Concen: 4.28 ng/ul

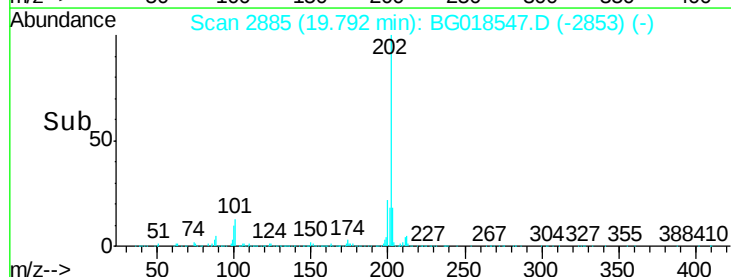
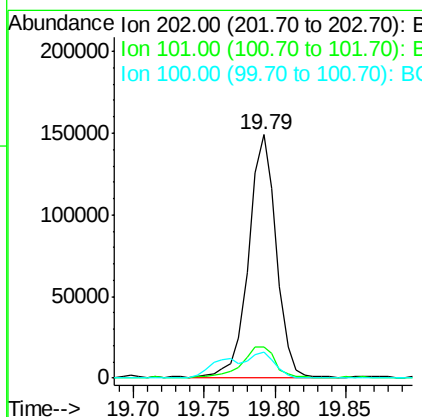
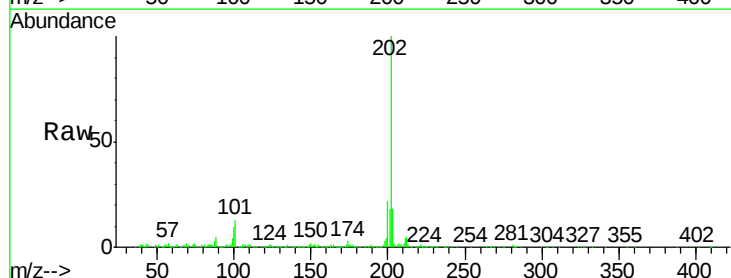
RT: 19.79 min Scan# 2885

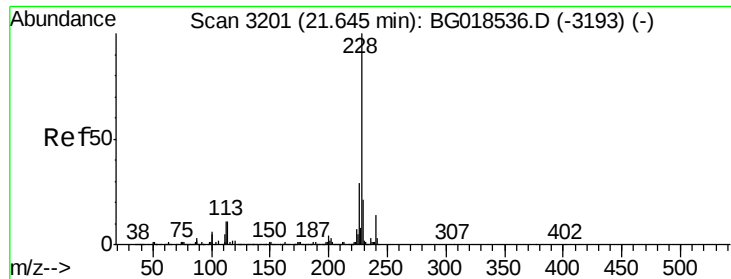
Delta R.T. -0.01 min

Lab File: BG018547.D

Acq: 29 Aug 2015 21:56

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		204699		
101	13.0	11.0	16.4		
100	10.5	9.8	14.6		





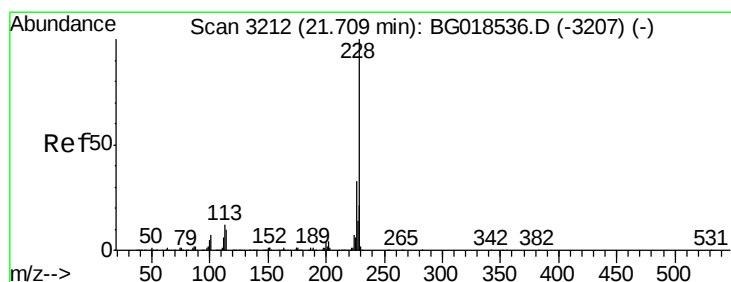
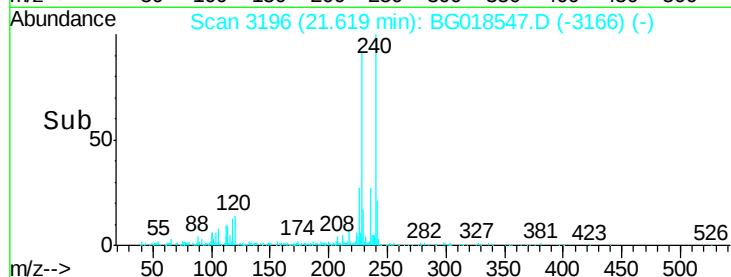
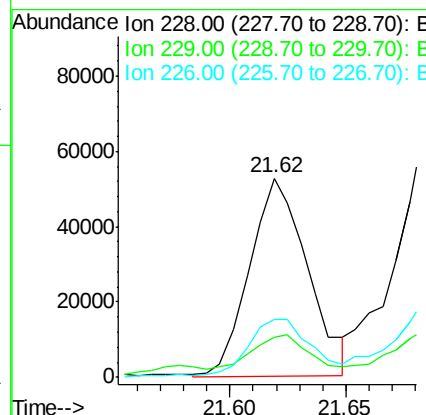
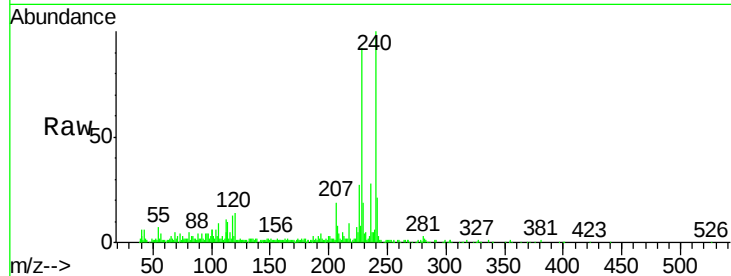
#83
Benzo(a)anthracene
Concen: 2.10 ng/ul
RT: 21.62 min Scan# 3196
Delta R.T. -0.03 min
Lab File: BG018547.D
Acq: 29 Aug 2015 21:56

Instrument :
BNA_G
ClientSampleId :
BCTJ7

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.5	23.3
226	29.1	22.1	33.1

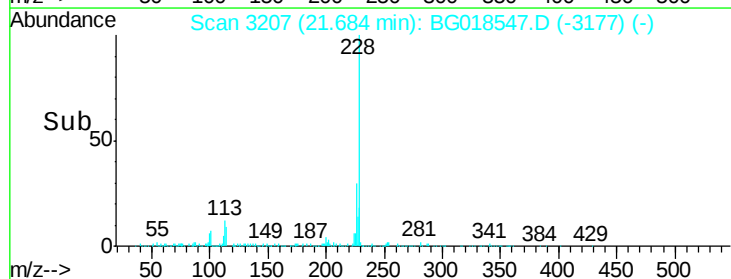
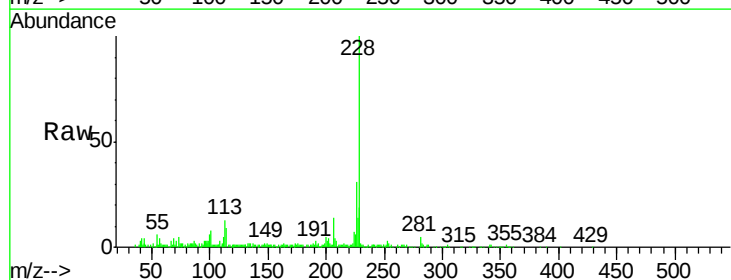
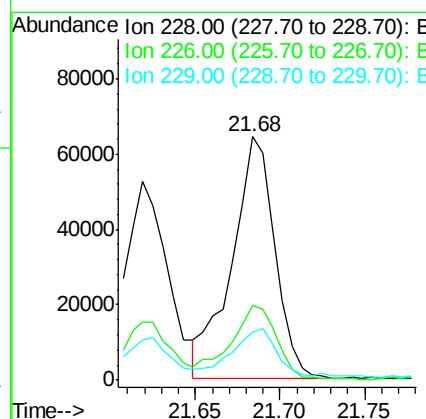
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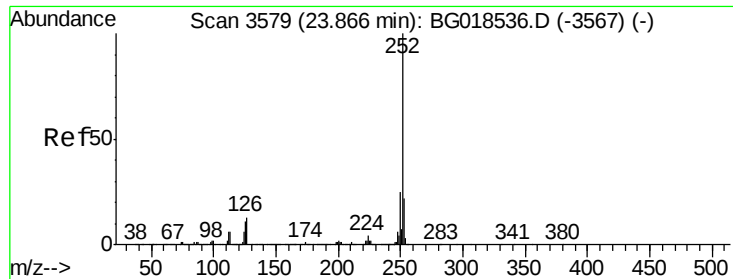
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#85
Chrysene
Concen: 2.77 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.03 min
Lab File: BG018547.D
Acq: 29 Aug 2015 21:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	26.5	39.7
229	19.4	16.9	25.3





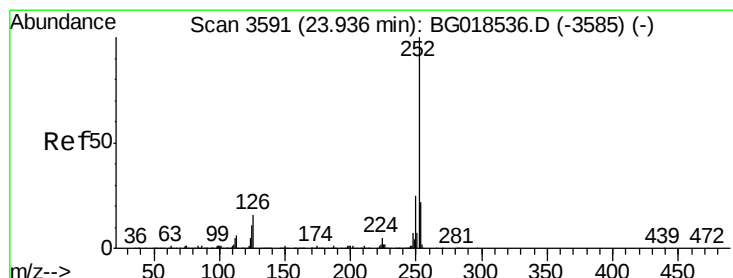
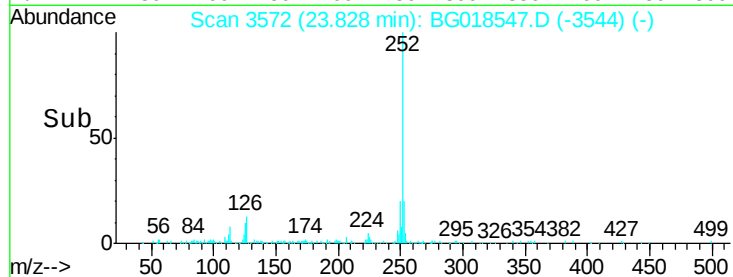
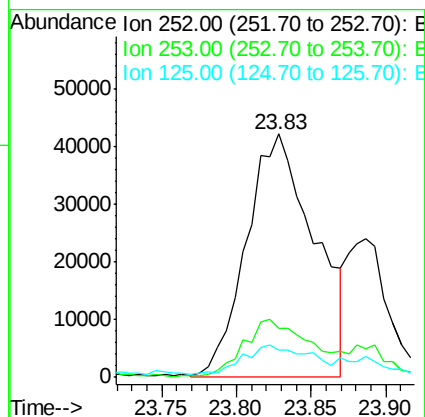
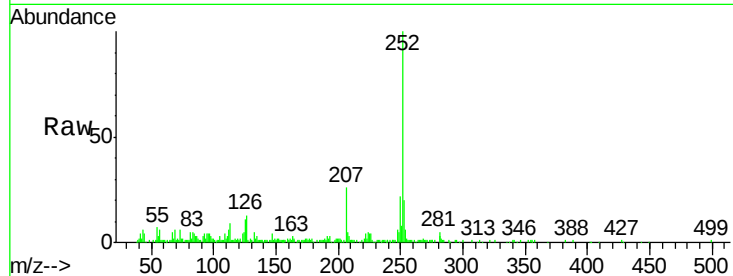
#88
Benzo(b)fluoranthene
Concen: 3.01 ng/ul
RT: 23.83 min Scan# 3572
Delta R.T. -0.04 min
Lab File: BG018547.D
Acq: 29 Aug 2015 21:56

Instrument :
BNA_G
ClientSampleId :
BCTJ7

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	132716		
253	20.1	18.1	27.1	
125	11.2	8.3	12.5	

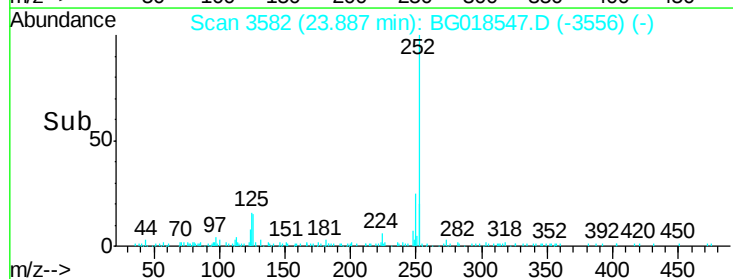
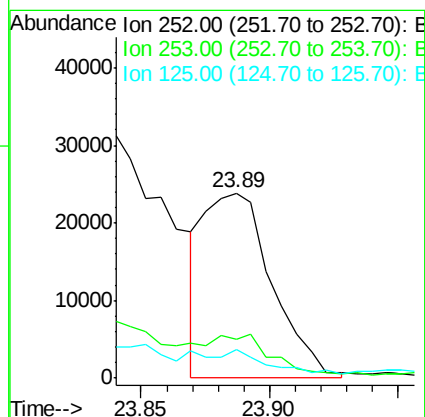
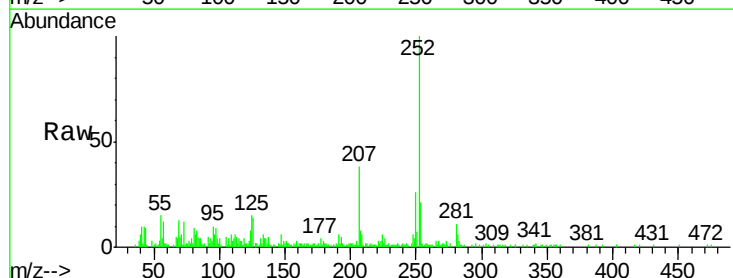
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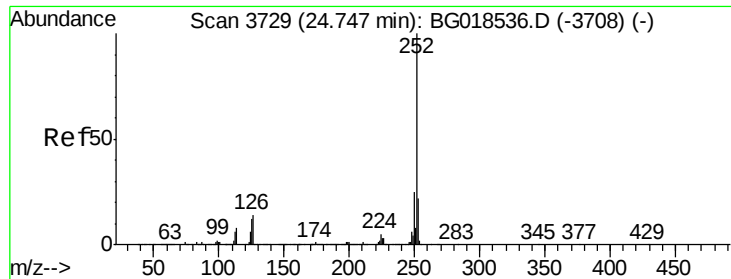
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#89
Benzo(k)fluoranthene
Concen: 1.04 ng/ul m
RT: 23.89 min Scan# 3582
Delta R.T. -0.05 min
Lab File: BG018547.D
Acq: 29 Aug 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	44027		
253	20.7	17.8	26.6	
125	15.4	9.0	13.4#	





#91

Benzo(a)pyrene

Concen: 2.04 ng/ul

RT: 24.69 min Scan# 3718

Delta R.T. -0.06 min

Lab File: BG018547.D

Acq: 29 Aug 2015 21:56

Instrument :

BNA_G

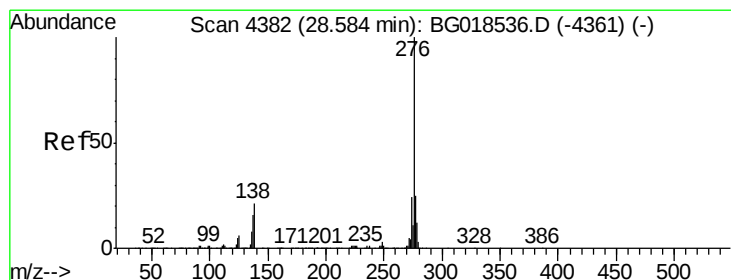
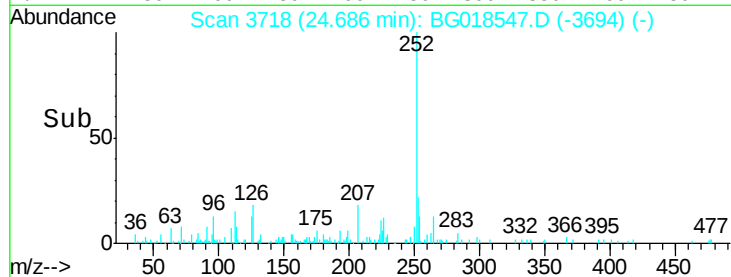
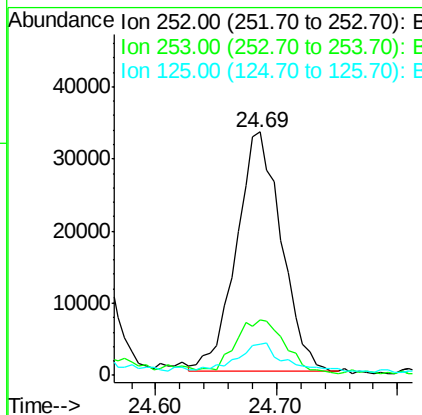
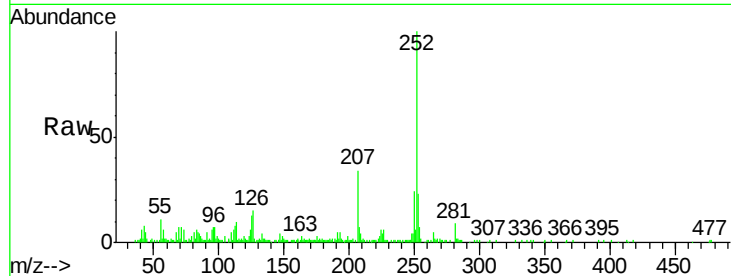
ClientSampleId :

BCTJ7

Tgt Ion:	252	Resp:	85581
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.7	26.5
125	13.0	10.2	15.2

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#92

Indeno(1,2,3-cd)pyrene

Concen: 1.21 ng/ul m

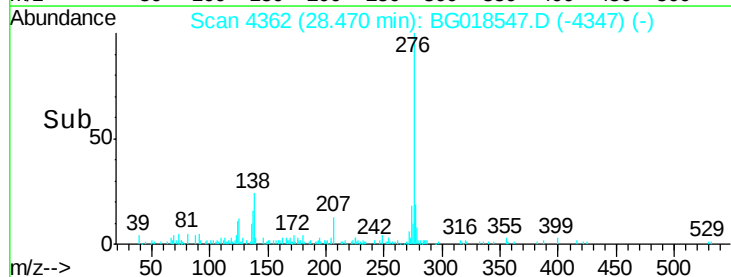
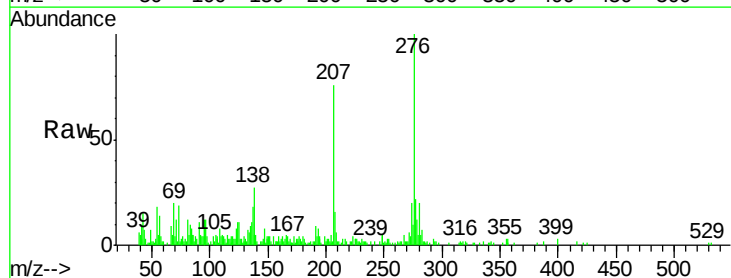
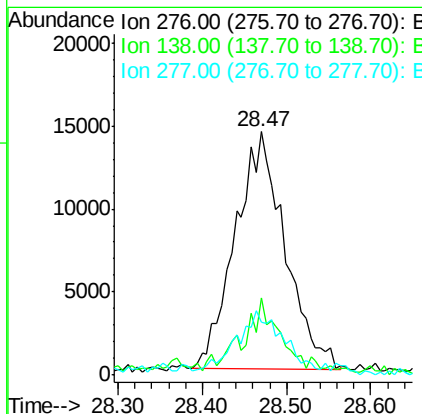
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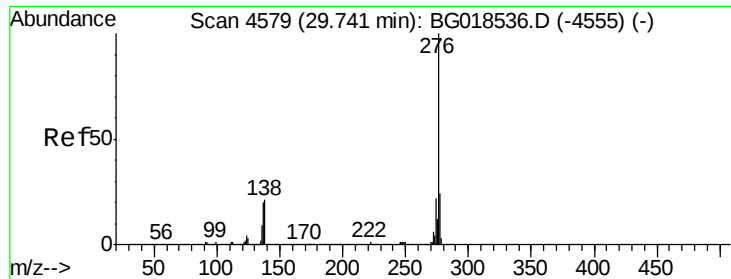
Delta R.T. -0.11 min

Lab File: BG018547.D

Acq: 29 Aug 2015 21:56

Tgt Ion:	276	Resp:	58641
Ion Ratio	Lower	Upper	
276	100		
138	27.2	15.8	23.6#
277	21.9	18.9	28.3





#94

Benzo(g,h,i)perylene

Concen: 1.43 ng/ul m

RT: 29.60 min Scan# 4554

Delta R.T. -0.14 min

Lab File: BG018547.D

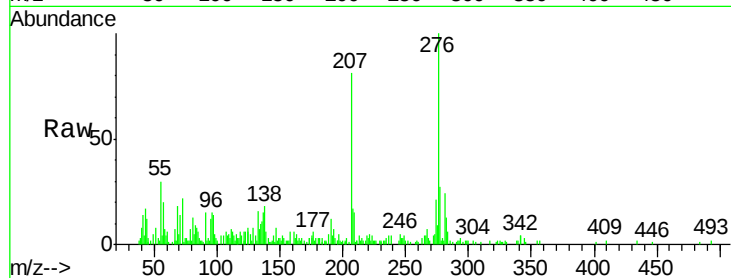
Acq: 29 Aug 2015 21:56

Instrument :

BNA_G

ClientSampleId :

BCTJ7



Tgt Ion:	276	Resp:	58303
Ion Ratio	Lower	Upper	
276	100		
138	17.7	16.5	24.7
277	27.1	19.0	28.6

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