

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
 Data File : BG019345.D
 Acq On : 24 Oct 2015 21:00
 Operator : UM/NP
 Sample : G4058-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS1

Manual Integrations
 APPROVED

MmDadoda
 10/26/2015 7:39:14 PM

Quant Time: Oct 26 07:49:38 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 25 03:28:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	41025	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	167525	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	130285	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	334081	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	399905	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	383033	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	1864	2.52	ng/uL	0.00
5) Phenol-d5	7.38	99	43686	12.10	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	32801	15.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	33221	14.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	35085	12.47	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	18162	14.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	21481	14.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	42546	13.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	26658m	8.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	168968	15.64	ng/ul	0.00
47) Acenaphthylene-d8	14.55	160	182222	15.24	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	2941	1.67	ng/ul	0.00
58) Fluorene-d10	15.85	176	153740	15.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	15476	7.04	ng/ul	0.00
71) Anthracene-d10	17.70	188	245035	16.02	ng/ul	0.00
79) Pyrene-d10	19.96	212	271333	15.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	296530	15.18	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.30	163	87056	8.07	ng/ul#	98
70) Phenanthrene	17.64	178	44302	2.62	ng/ul	98
77) Fluoranthene	19.64	202	130912	5.78	ng/ul#	97
80) Pyrene	19.99	202	113022	5.04	ng/ul#	94
83) Benzo(a)anthracene	21.86	228	76753	3.31	ng/ul#	91
85) Chrysene	21.93	228	71427	3.35	ng/ul	93
88) Benzo(b)fluoranthene	24.20	252	91615	3.91	ng/ul#	94
89) Benzo(k)fluoranthene	24.26	252	35921m	1.61	ng/ul	
91) Benzo(a)pyrene	25.12	252	63505	2.93	ng/ul	96
94) Benzo(a,h,i)perylene	30.39	276	37052m	1.83	ng/ul	

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

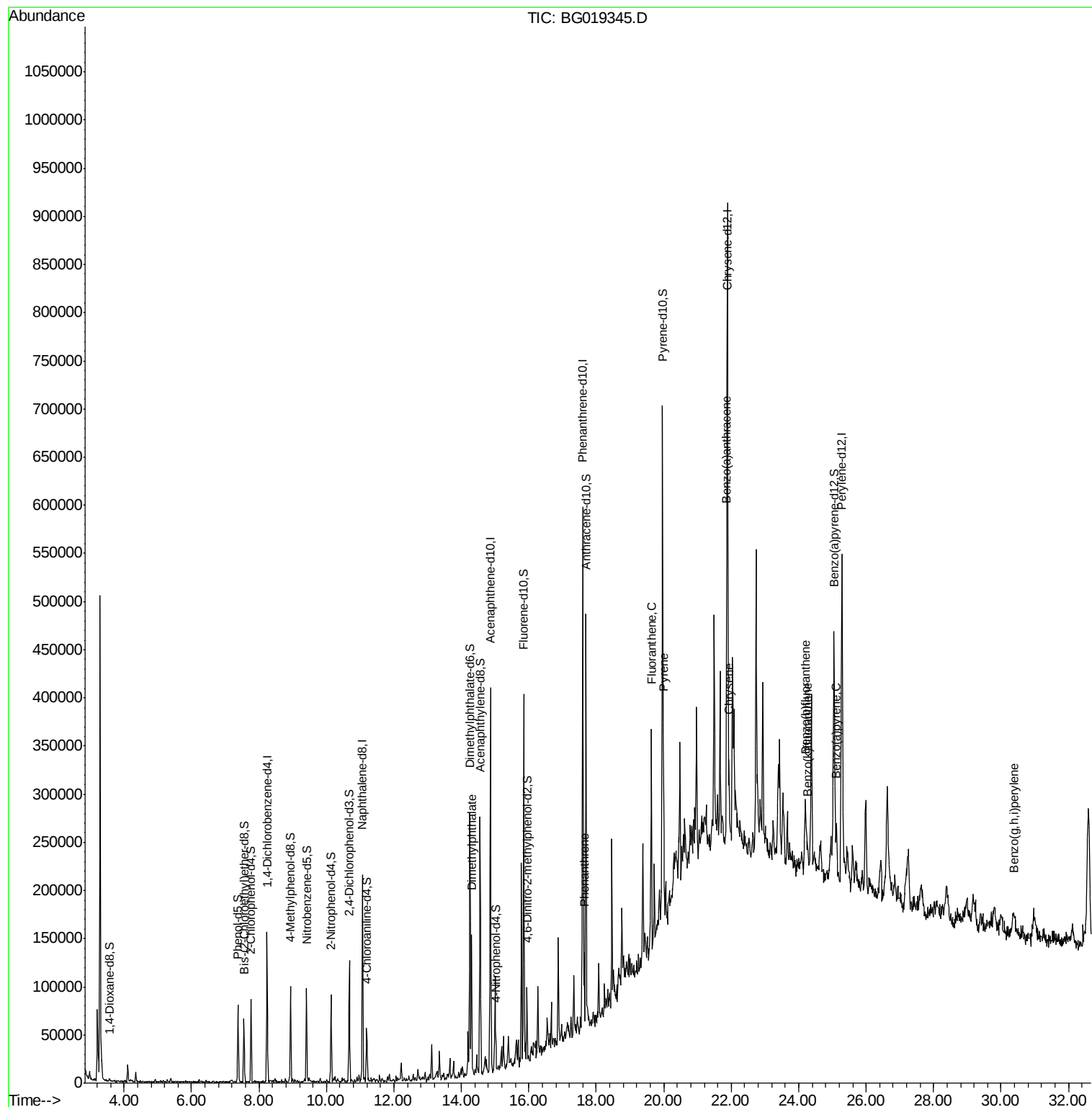
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
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ALS Vial : 35 Sample Multiplier: 1

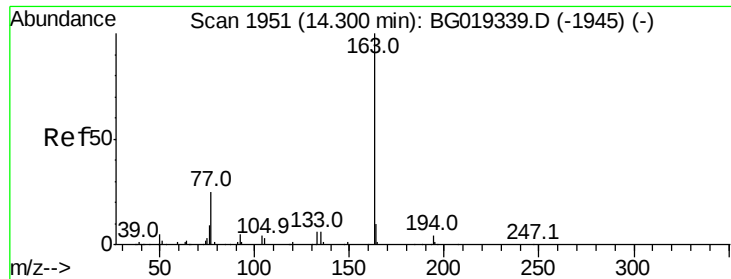
Instrument :
BNA_G
ClientSampleId :
E5LS1

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Quant Title : SVOA CALIBRATION
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#45

Dimethylphthalate

Concen: 8.07 ng/ul

RT: 14.30 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG019345.D

Acq: 24 Oct 2015 21:00

Instrument :

BNA_G

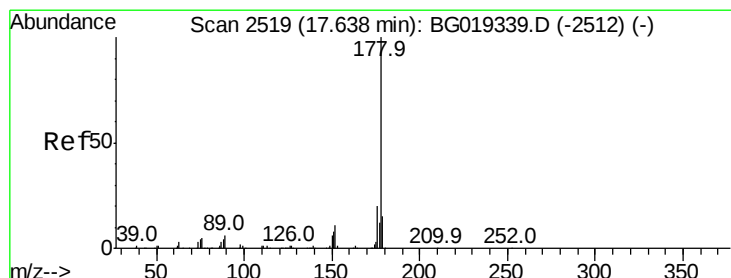
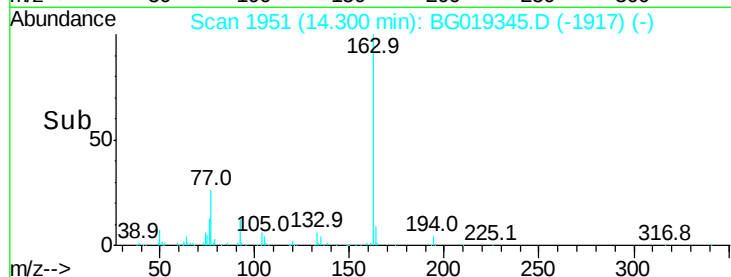
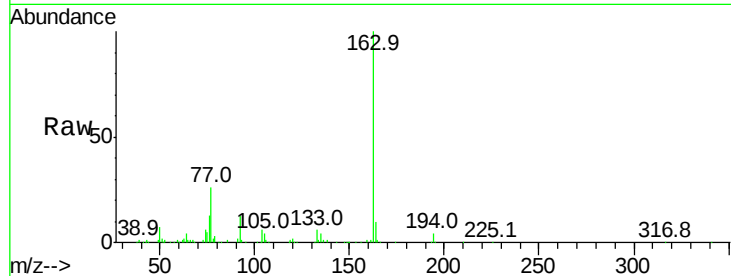
ClientSampleId :

E5LS1

Tot Ion:	163	Resp:	87056
Ion Ratio	Lower	Upper	
163	100		
194	4.2	4.3	6.5#
164	9.6	7.5	11.3

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#70

Phenanthrene

Concen: 2.62 ng/ul

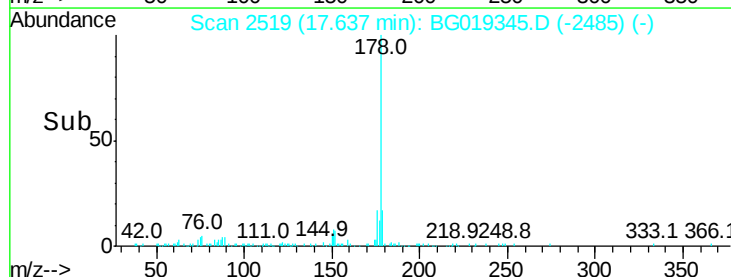
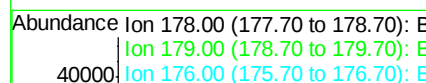
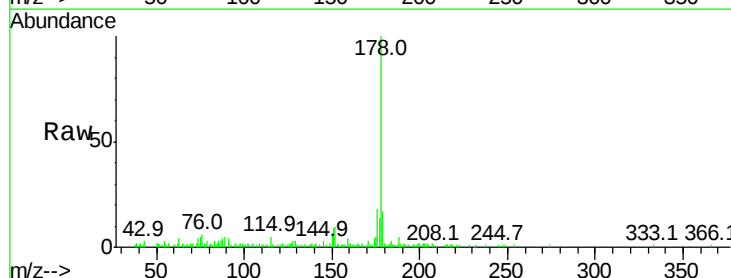
RT: 17.64 min Scan# 2519

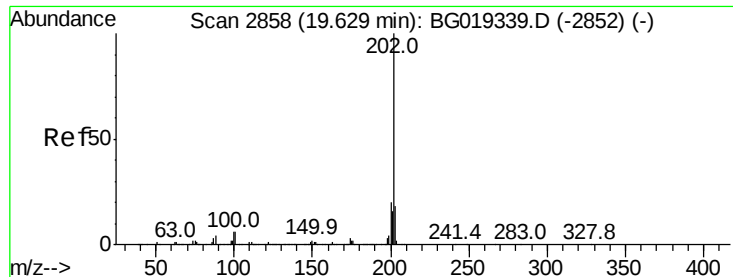
Delta R.T. -0.00 min

Lab File: BG019345.D

Acq: 24 Oct 2015 21:00

Tgt Ion:	178	Resp:	44302
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.6	18.8
176	18.3	14.3	21.5





#77

Fluoranthene

Concen: 5.78 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. 0.01 min

Lab File: BG019345.D

Acq: 24 Oct 2015 21:00

Instrument :

BNA_G

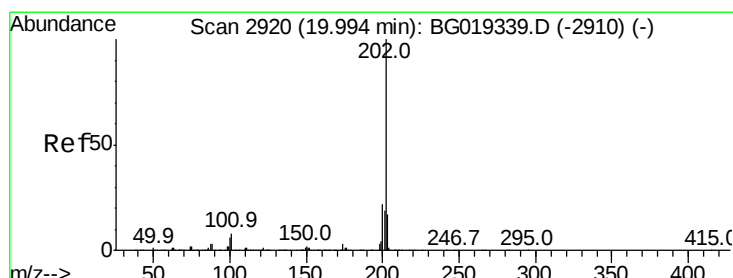
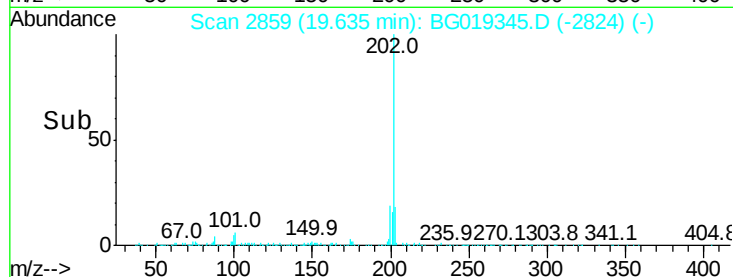
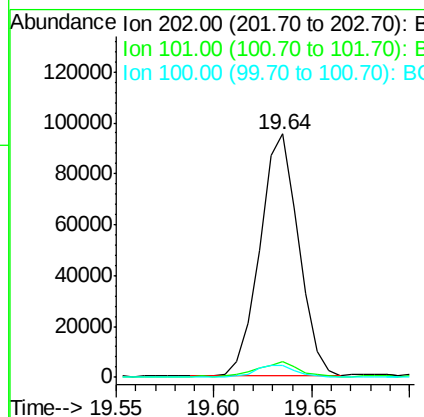
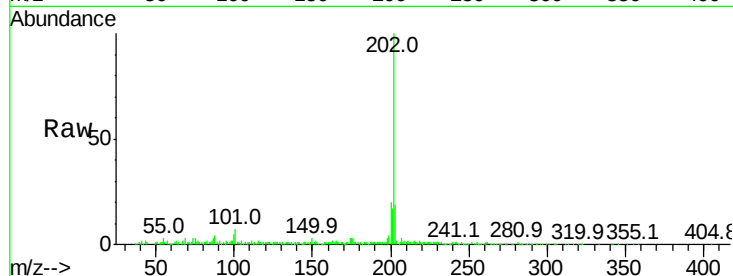
ClientSampleId :

E5LS1

Tot Ion:	202	Resp:	130912
Ion Ratio	Lower	Upper	
202	100		
101	6.6	4.0	6.0#
100	4.6	3.6	5.4

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#80

Pyrene

Concen: 5.04 ng/ul

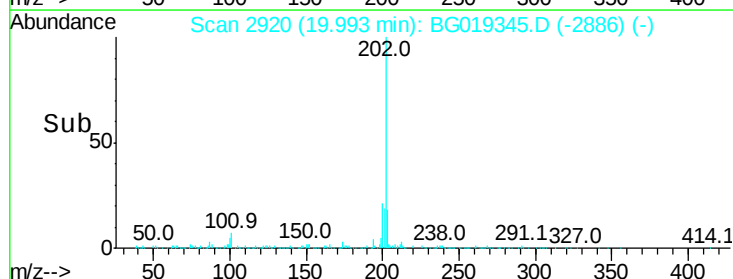
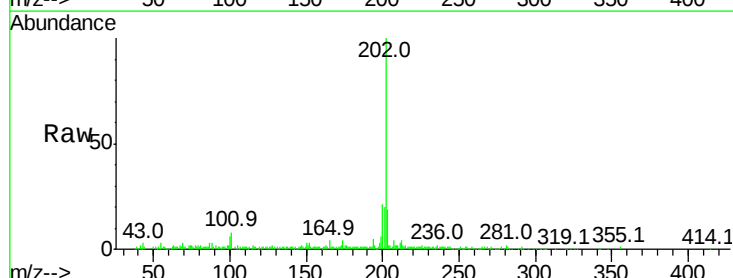
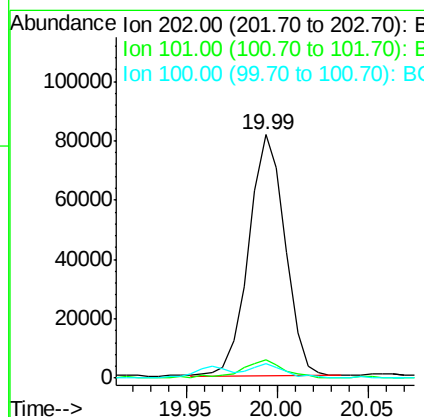
RT: 19.99 min Scan# 2920

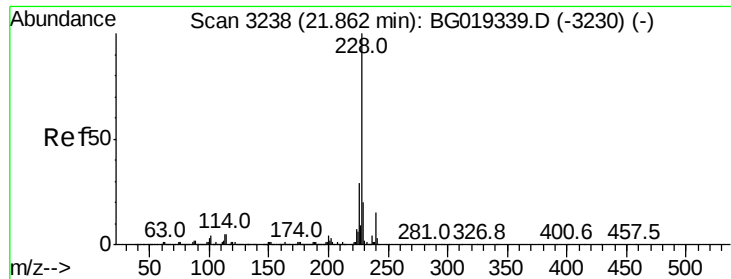
Delta R.T. -0.00 min

Lab File: BG019345.D

Acq: 24 Oct 2015 21:00

Tgt Ion:	202	Resp:	113022
Ion Ratio	Lower	Upper	
202	100		
101	7.8	4.3	6.5#
100	5.7	3.6	5.4#





#83

Benzo(a)anthracene

Concen: 3.31 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG019345.D

Acq: 24 Oct 2015 21:00

Instrument :

BNA_G

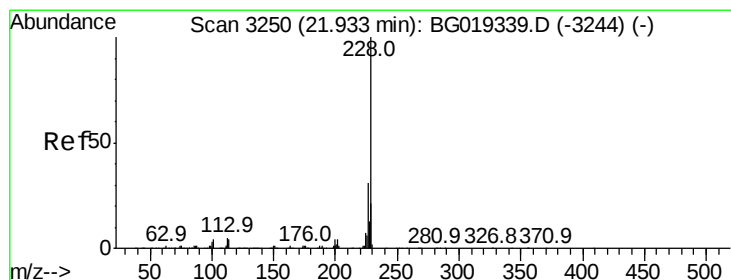
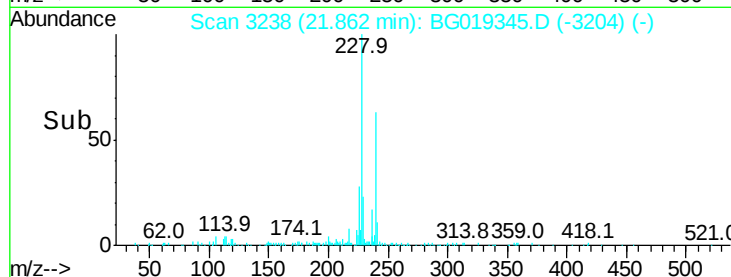
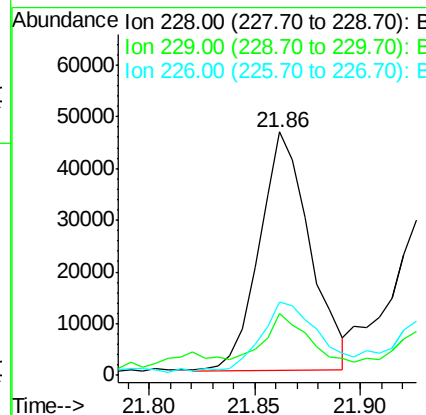
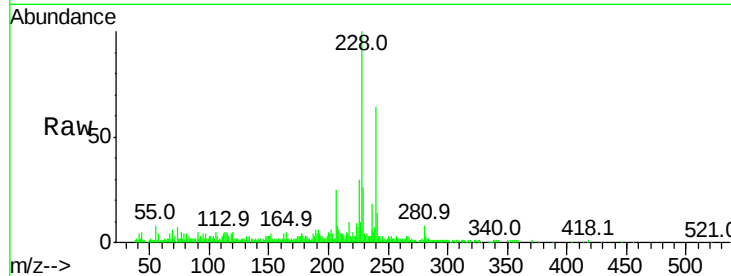
ClientSampleId :

E5LS1

Tot Ion:	228	Resp:	76753
Ion Ratio	Lower	Upper	
228	100		
229	25.6	15.8	23.8#
226	30.1	21.8	32.6

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#85

Chrysene

Concen: 3.35 ng/ul

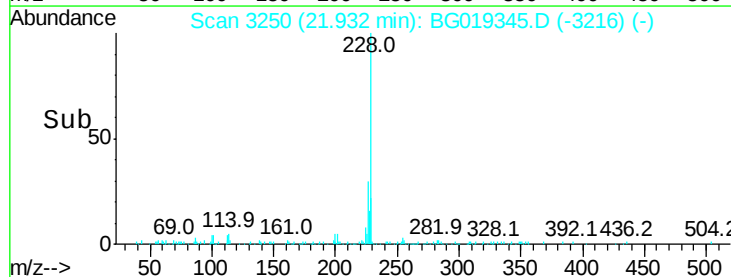
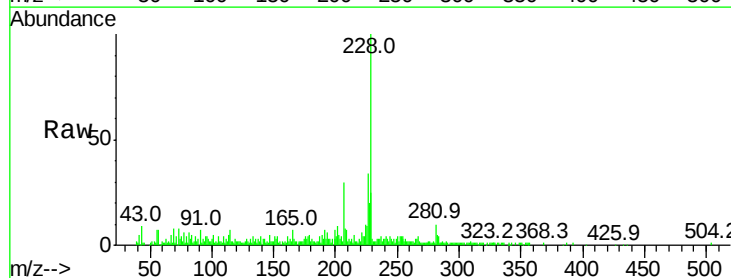
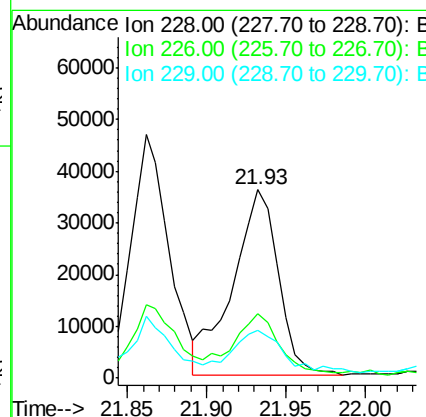
RT: 21.93 min Scan# 3250

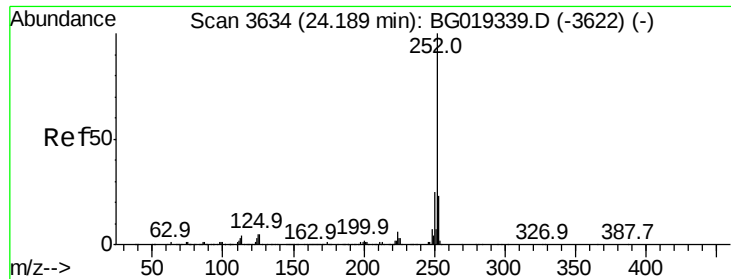
Delta R.T. -0.00 min

Lab File: BG019345.D

Acq: 24 Oct 2015 21:00

Tgt Ion:	228	Resp:	71427
Ion Ratio	Lower	Upper	
228	100		
226	34.2	24.6	36.8
229	25.1	17.3	25.9





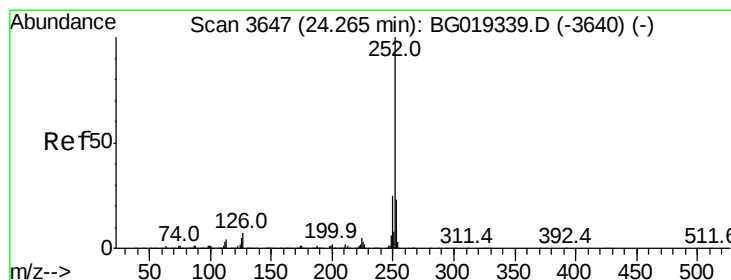
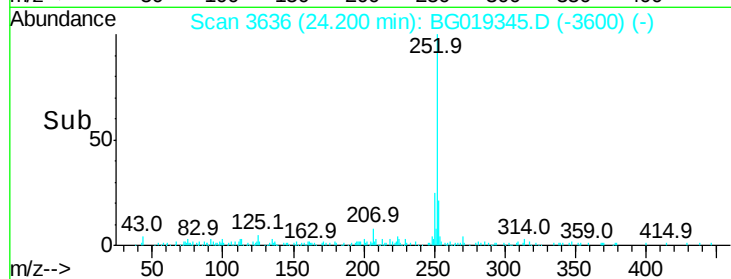
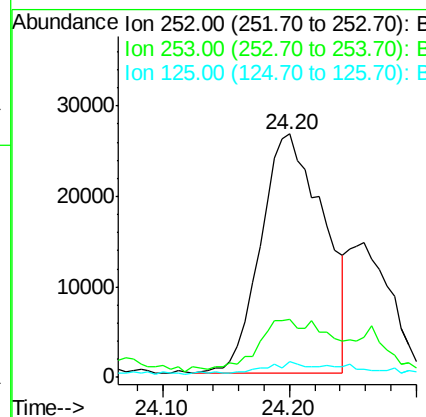
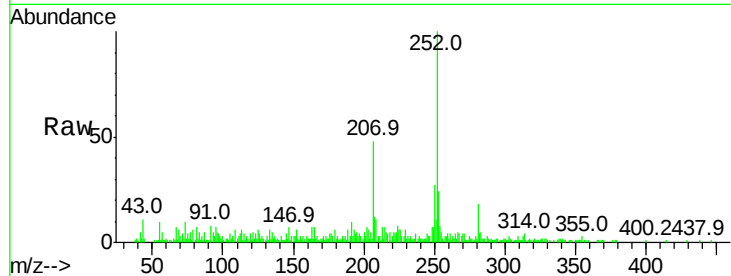
#88
Benzo(b)fluoranthene
Concen: 3.91 ng/ul
RT: 24.20 min Scan# 3636
Delta R.T. 0.01 min
Lab File: BG019345.D
Acq: 24 Oct 2015 21:00

Instrument :
BNA_G
ClientSampleId :
E5LS1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	6.2	2.5	3.7#

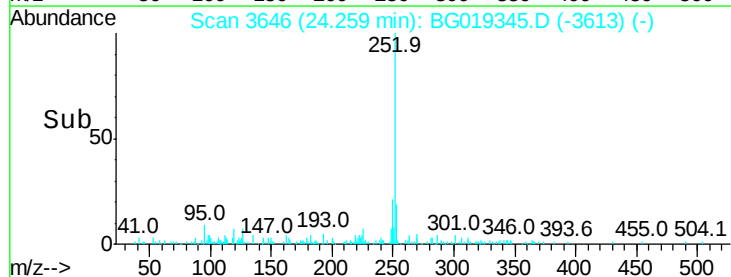
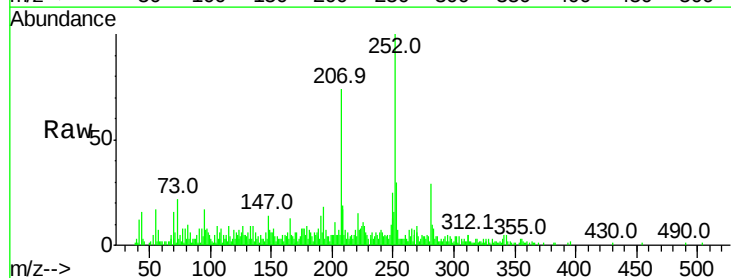
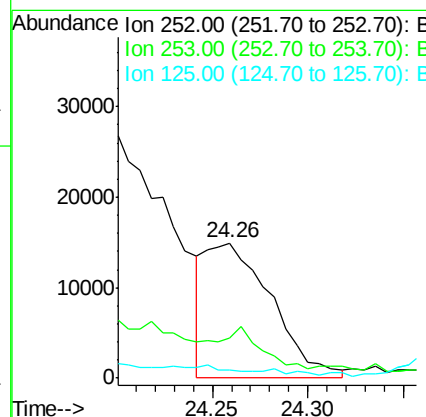
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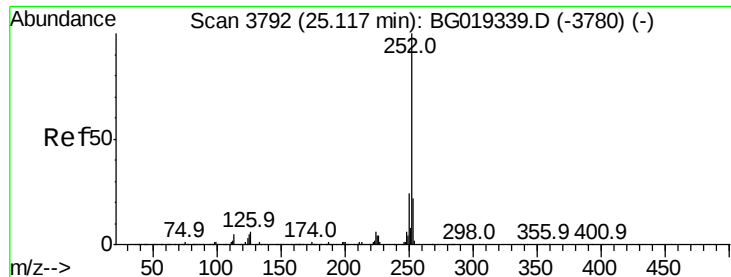
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#89
Benzo(k)fluoranthene
Concen: 1.61 ng/ul m
RT: 24.26 min Scan# 3646
Delta R.T. -0.01 min
Lab File: BG019345.D
Acq: 24 Oct 2015 21:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.2	25.8#
125	6.2	3.1	4.7#





#91

Benzo(a)pyrene

Concen: 2.93 ng/ul

RT: 25.12 min Scan# 3792

Delta R.T. -0.00 min

Lab File: BG019345.D

Acq: 24 Oct 2015 21:00

Instrument :

BNA_G

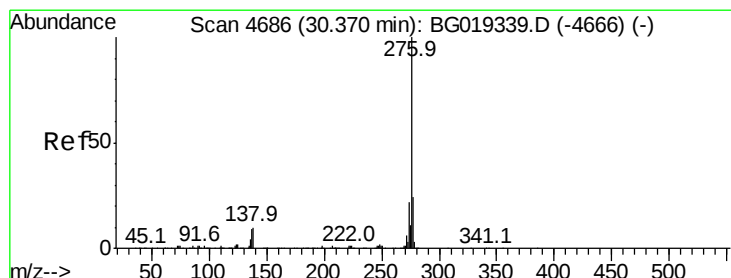
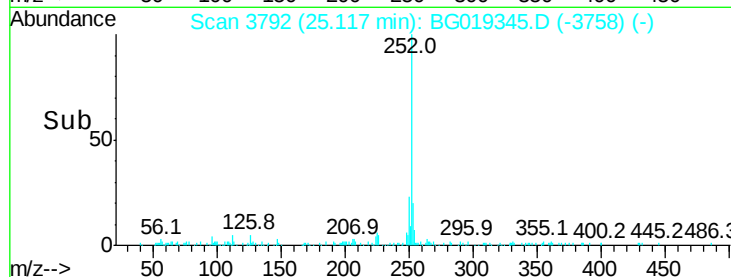
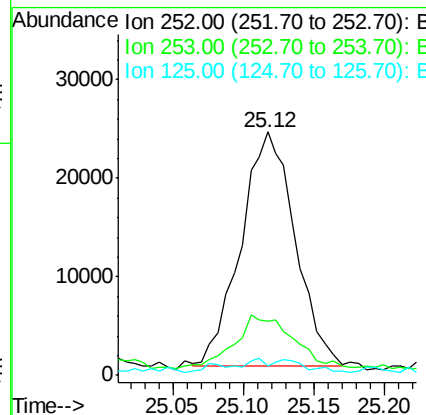
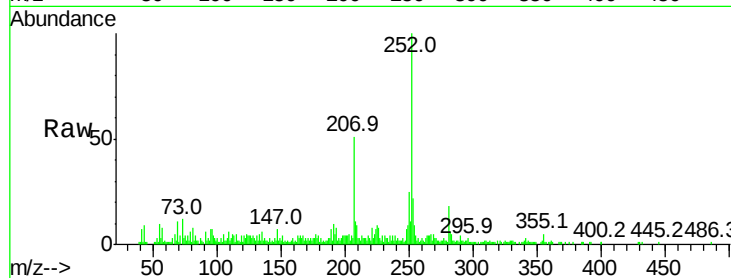
ClientSampleId :

E5LS1

Tot Ion:	252	Resp:	63505
Ion Ratio	Lower	Upper	
252	100		
253	22.4	16.0	24.0
125	4.0	3.3	4.9

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 1.83 ng/ul m

RT: 30.39 min Scan# 4690

Delta R.T. 0.02 min

Lab File: BG019345.D

Acq: 24 Oct 2015 21:00

Tgt Ion:	276	Resp:	37052
Ion Ratio	Lower	Upper	
276	100		
138	9.9	5.6	8.4#
277	23.9	16.0	24.0

