

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
 Data File : BG021513.D
 Acq On : 25 Mar 2016 14:19
 Operator : UM/SJ
 Sample : H1909-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T47

Manual Integrations
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 3/28/2016 7:30:33 PM

Quant Time: Mar 26 00:47:57 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 23:28:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	14496	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	73175	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	45863	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	102044m	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	116503m	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	111854	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	967	2.99	ng/uL	0.00
5) Phenol-d5	7.34	99	25182	18.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	16432	20.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	20738	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	21603	18.40	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	11161	20.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	12820	20.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	22082	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	32714	22.31	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	75679	19.82	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	95624	20.31	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	7254	11.88	ng/ul	0.03
58) Fluorene-d10	15.67	176	66534	19.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	10364m	15.37	ng/ul	0.00
71) Anthracene-d10	17.52	188	99555m	19.91	ng/ul	0.00
79) Pyrene-d10	19.80	212	113808m	20.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	119935	23.23	ng/ul	0.02

Target Compounds

						Ovalue
45) Dimethylphthalate	14.13	163	20824	5.25	ng/ul	96
57) Diethylphthalate	15.48	149	7336	1.73	ng/ul	97
70) Phenanthrene	17.46	178	56877	9.84	ng/ul	98
77) Fluoranthene	19.46	202	35203	5.05	ng/ul	96
80) Pyrene	19.83	202	57640	8.30	ng/ul	95
83) Benzo(a)anthracene	21.66	228	10148m	1.44	ng/ul	
85) Chrysene	21.72	228	19939	2.99	ng/ul	99
88) Benzo(b)fluoranthene	23.88	252	17927	2.50	ng/ul#	95
89) Benzo(k)fluoranthene	23.93	252	7742m	1.10	ng/ul	
91) Benzo(a)pyrene	24.75	252	14793	2.12	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.57	276	8565m	1.08	ng/ul	
94) Benzo(g,h,i)perylene	29.72	276	8123m	1.25	ng/ul	

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

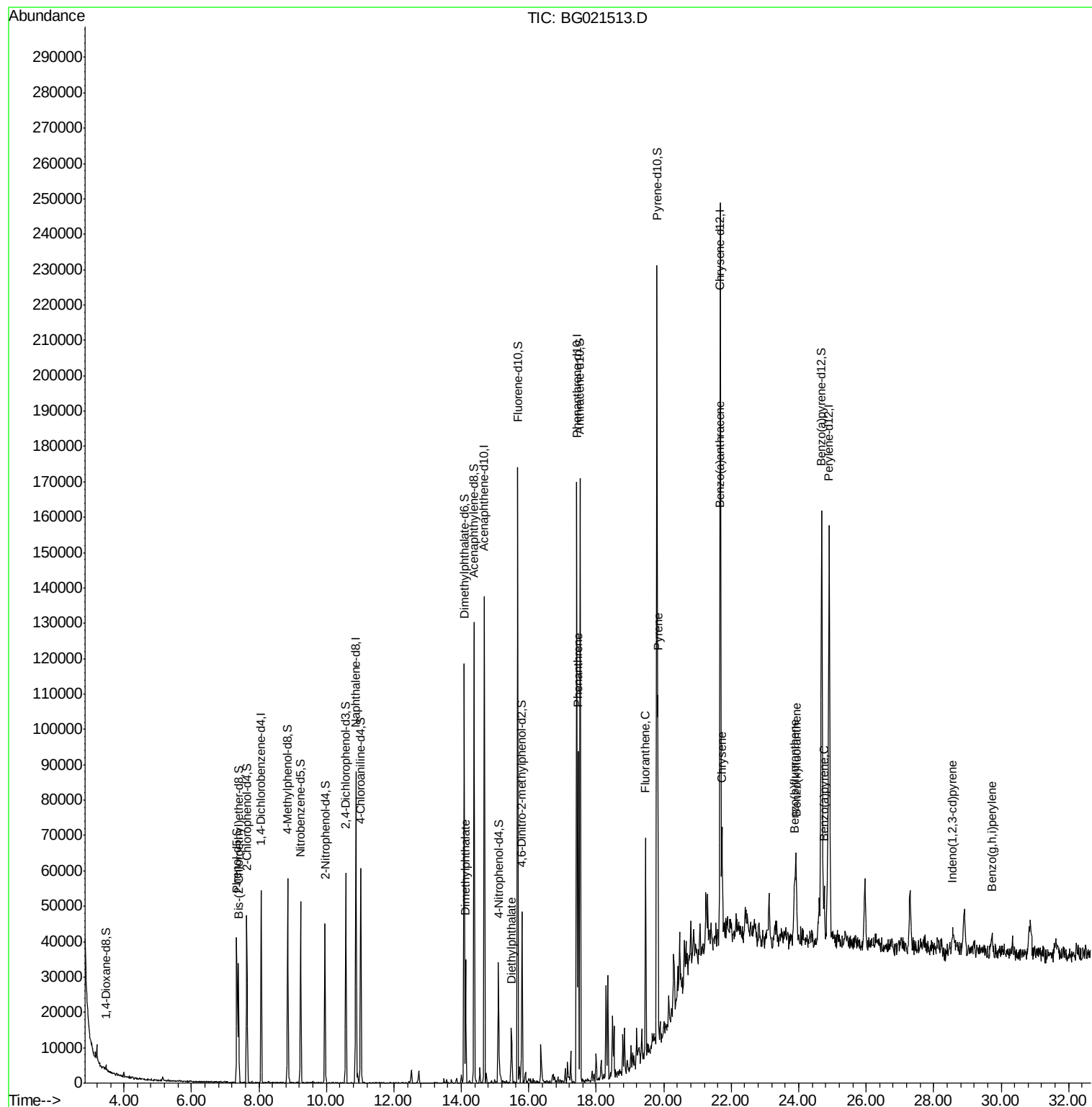
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
Data File : BG021513.D
Acq On : 25 Mar 2016 14:19
Operator : UM/SJ
Sample : H1909-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

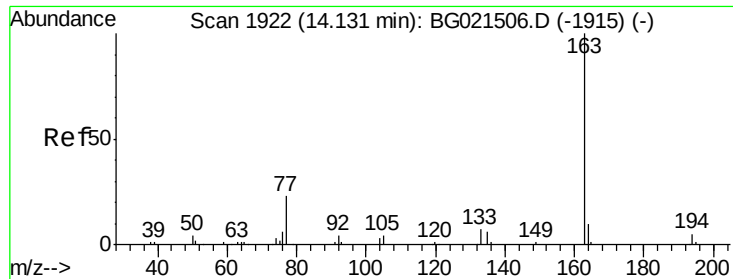
Instrument :
BNA_G
ClientSampleId :
A4T47

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Quant Time: Mar 26 00:47:57 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
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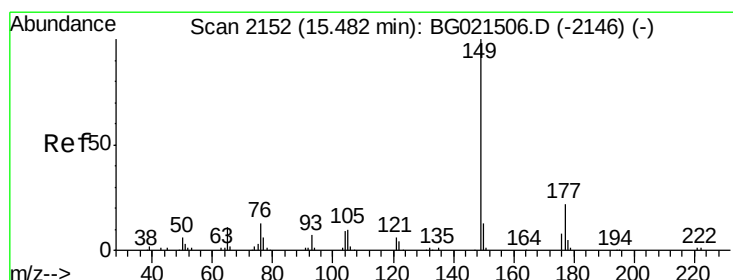
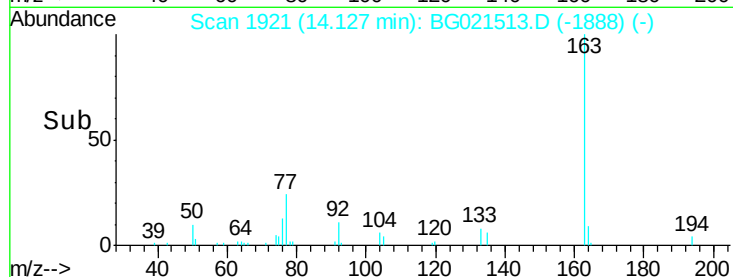
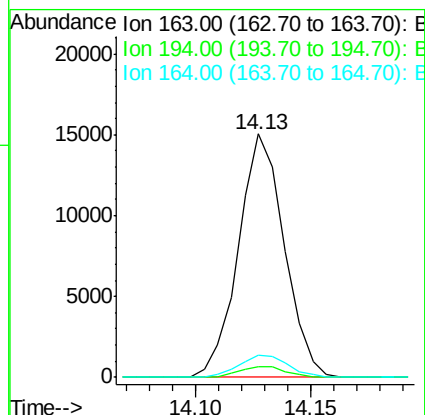
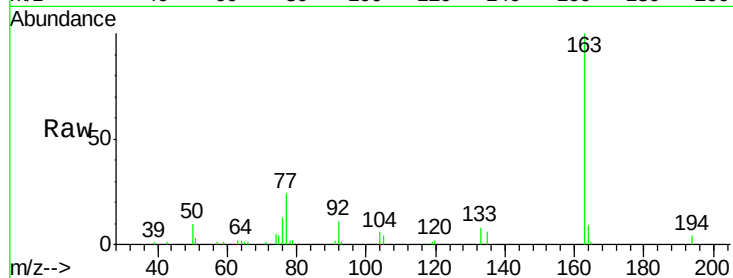
#45
Dimethylphthalate
Concen: 5.25 ng/ul
RT: 14.13 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG021513.D
Acq: 25 Mar 2016 14:19

Instrument :
BNA_G
ClientSampleId :
A4T47

Tot Ion:	163	Resp:	20824
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.9	5.9
164	9.1	8.7	13.1

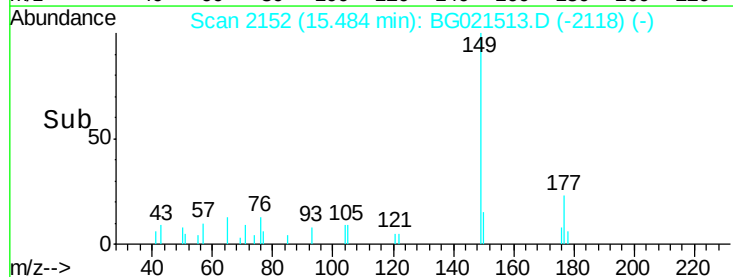
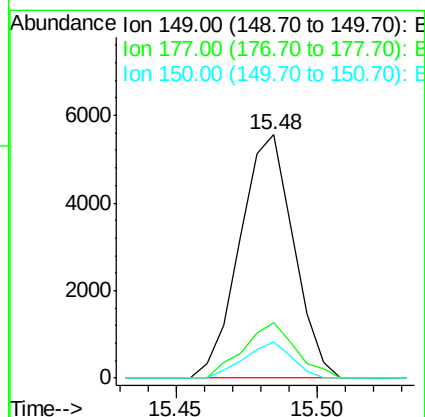
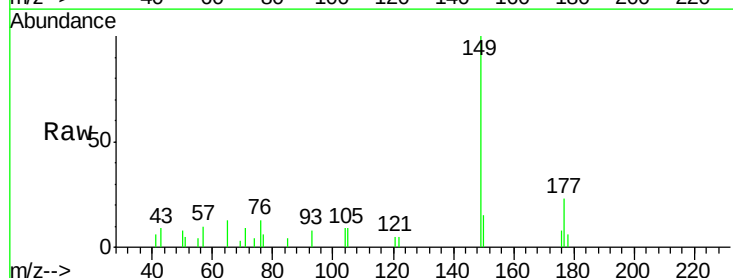
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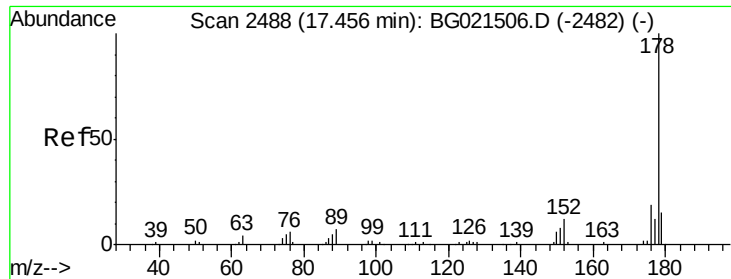
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#57
Diethylphthalate
Concen: 1.73 ng/ul
RT: 15.48 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG021513.D
Acq: 25 Mar 2016 14:19

Tgt Ion:	149	Resp:	7336
Ion Ratio	Lower	Upper	
149	100		
177	22.8	17.4	26.2
150	15.0	10.2	15.2





#70

Phenanthrene

Concen: 9.84 ng/ul

RT: 17.46 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BG021513.D

Acq: 25 Mar 2016 14:19

Instrument :

BNA_G

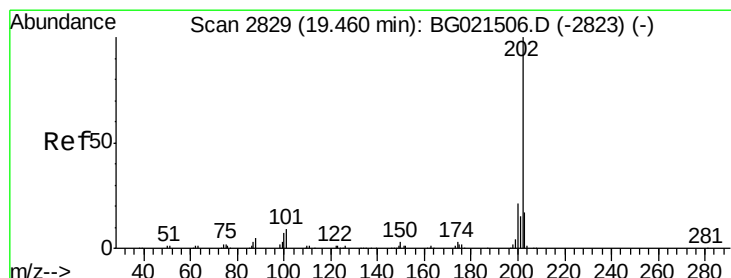
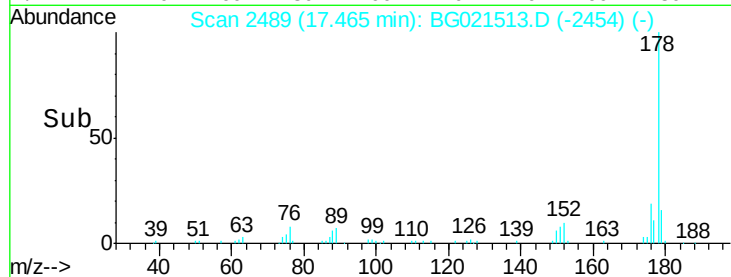
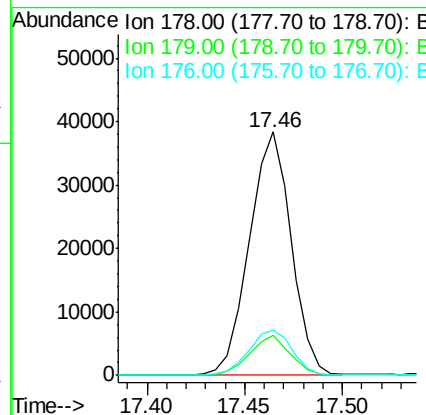
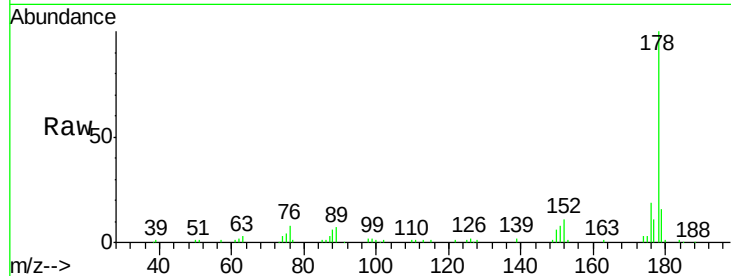
ClientSampled :

A4T47

Tot Ion:	178	Resp:	56877
Ion Ratio	Lower	Upper	
178	100		
179	16.3	11.8	17.8
176	18.7	14.8	22.2

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#77

Fluoranthene

Concen: 5.05 ng/ul

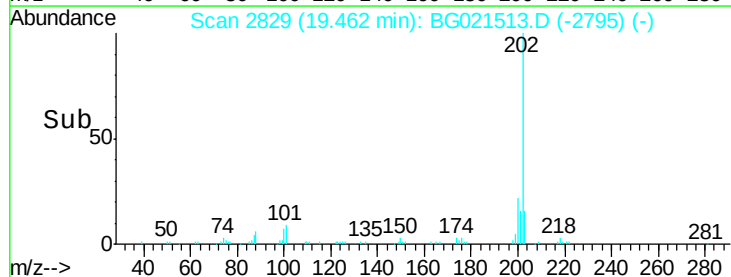
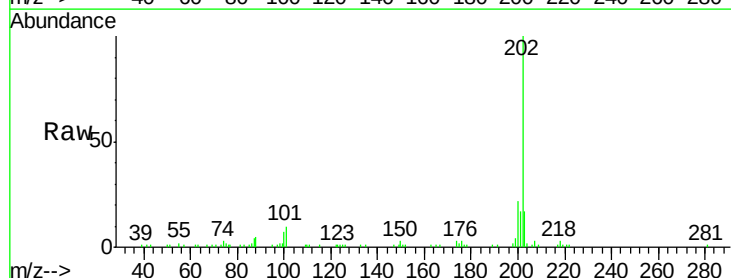
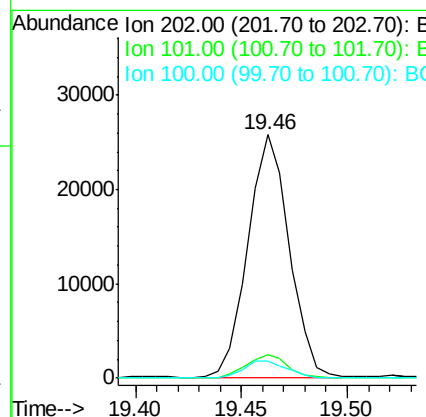
RT: 19.46 min Scan# 2829

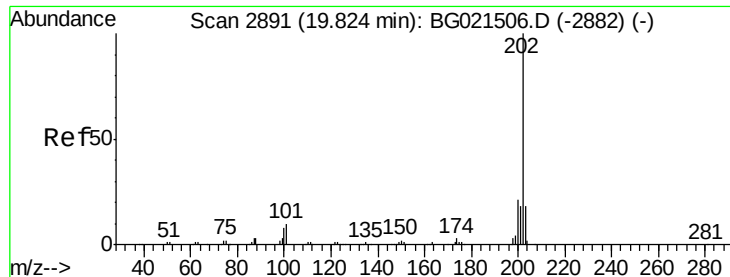
Delta R.T. 0.00 min

Lab File: BG021513.D

Acq: 25 Mar 2016 14:19

Tgt Ion:	202	Resp:	35203
Ion Ratio	Lower	Upper	
202	100		
101	9.8	8.9	13.3
100	7.1	7.0	10.4





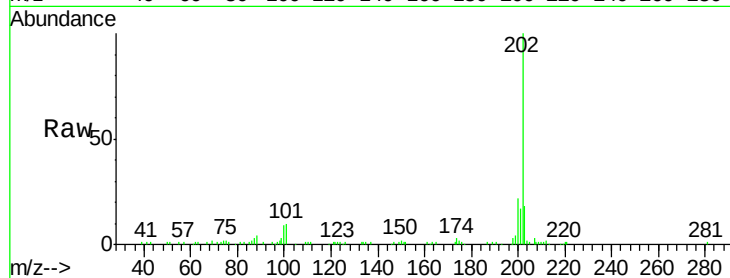
#80
Pvrene
Concen: 8.30 ng/ul
RT: 19.83 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG021513.D
Acq: 25 Mar 2016 14:19

Instrument :
BNA_G
ClientSampleId :
A4T47

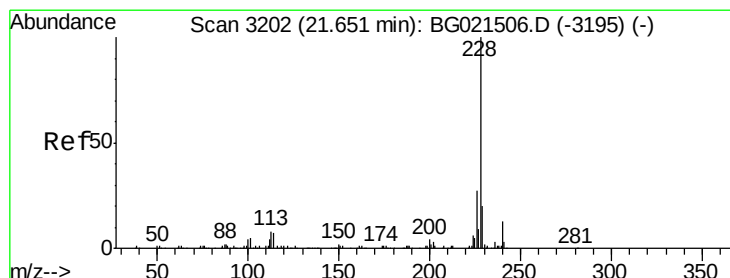
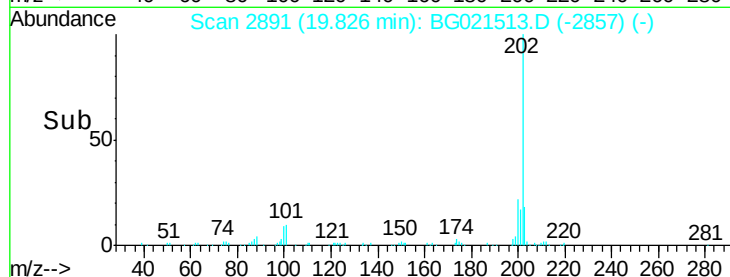
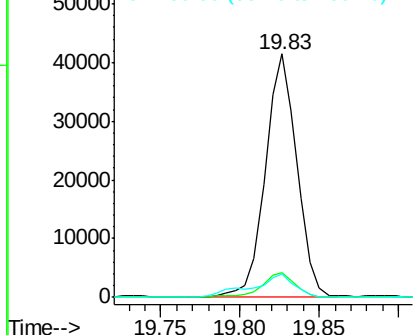
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	9.8	14.8
100	9.4	9.3	13.9

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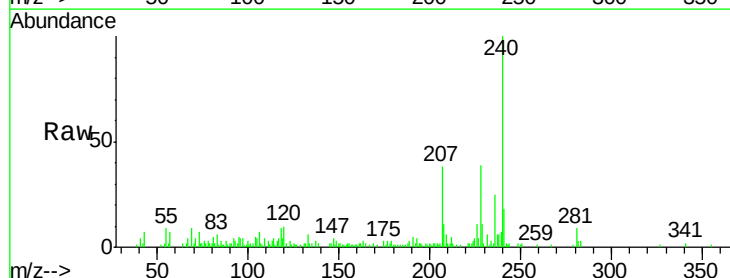


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

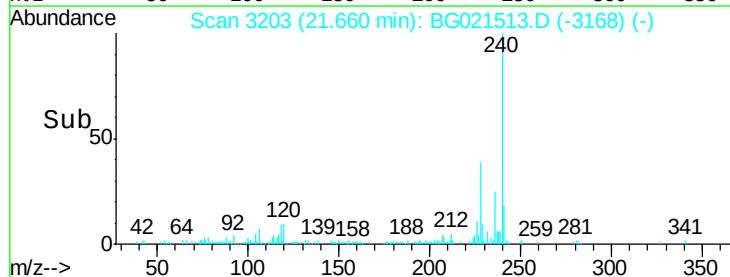
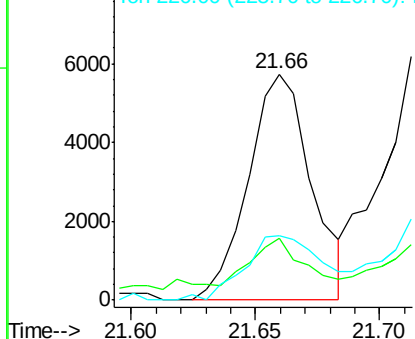


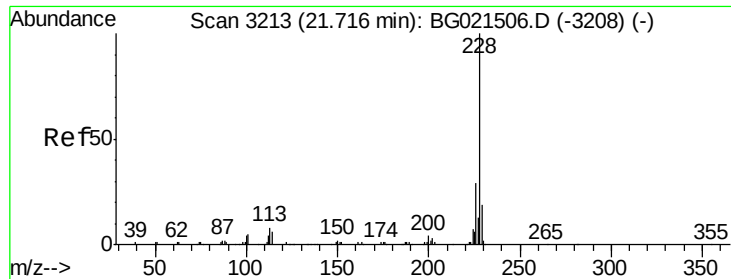
#83
Benzo(a)anthracene
Concen: 1.44 ng/ul m
RT: 21.66 min Scan# 3203
Delta R.T. 0.01 min
Lab File: BG021513.D
Acq: 25 Mar 2016 14:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	27.4	16.6	25.0#
226	28.4	21.0	31.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





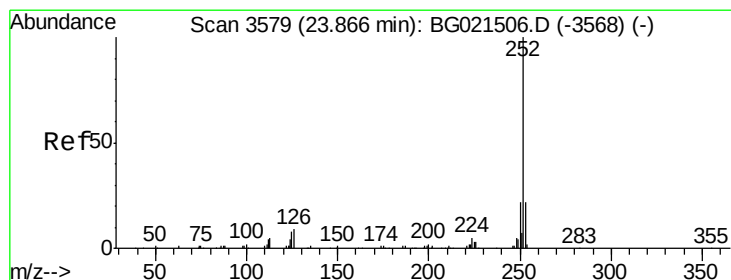
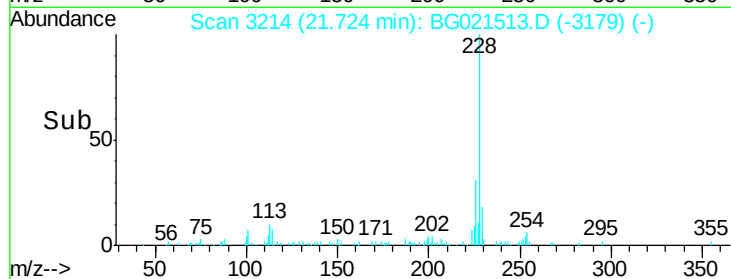
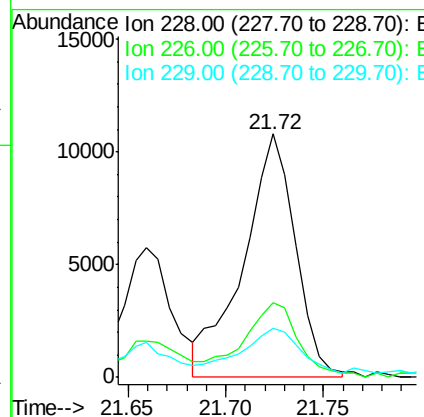
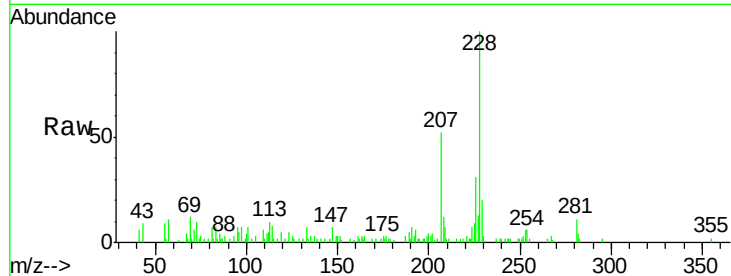
#85
 Chrysene
 Concen: 2.99 ng/ul
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.01 min
 Lab File: BG021513.D
 Acq: 25 Mar 2016 14:19

Instrument :
 BNA_G
 ClientSampled :
 A4T47

Tot Ion:	228	Resp:	19939
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.2
229	20.2	16.2	24.2

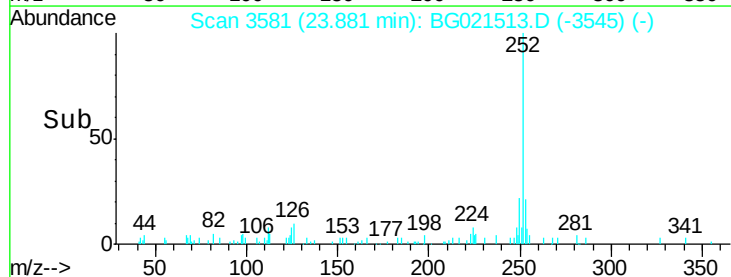
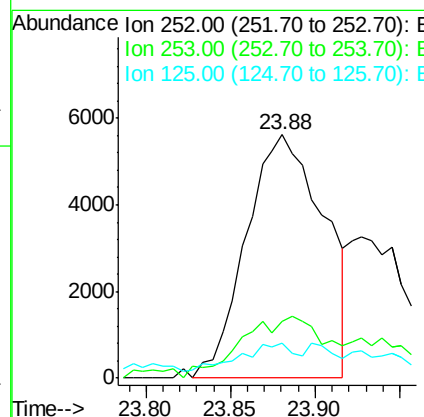
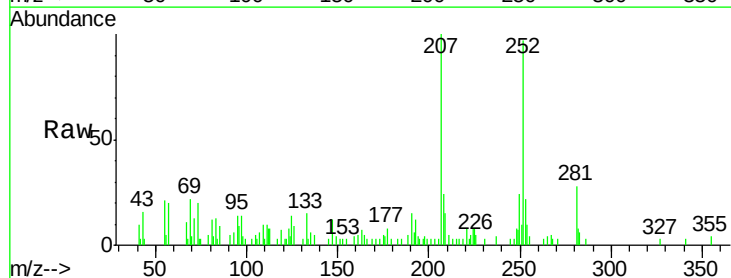
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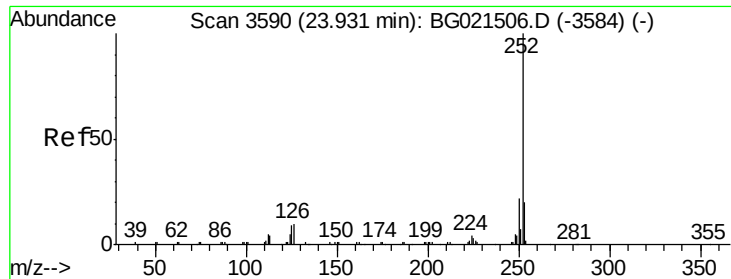
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#88
 Benzo(b)fluoranthene
 Concen: 2.50 ng/ul
 RT: 23.88 min Scan# 3581
 Delta R.T. 0.01 min
 Lab File: BG021513.D
 Acq: 25 Mar 2016 14:19

Tgt Ion:	252	Resp:	17927
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.1	27.1
125	14.5	7.6	11.4





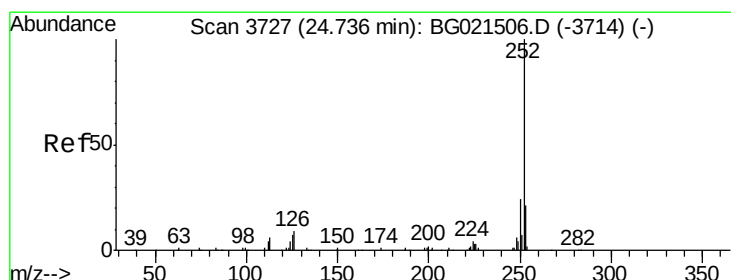
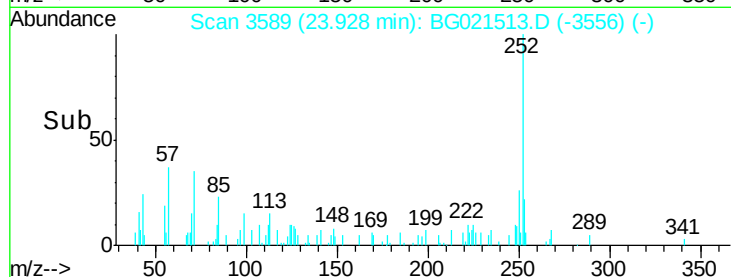
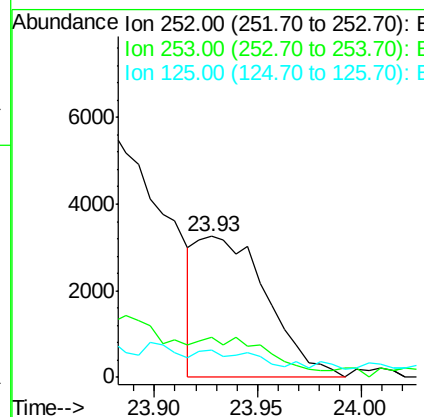
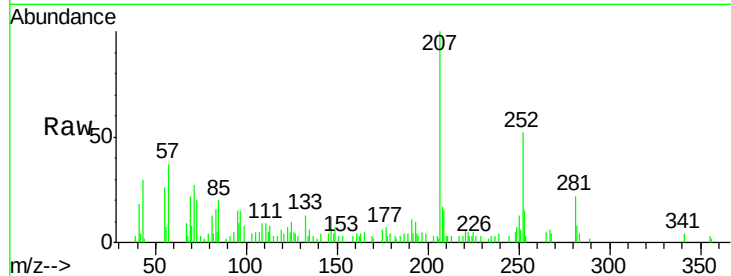
#89
Benzo(k)fluoranthene
Concen: 1.10 ng/ul m
RT: 23.93 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BG021513.D
Acq: 25 Mar 2016 14:19

Instrument :
BNA_G
ClientSampleId :
A4T47

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.8	26.8#
125	19.0	7.7	11.5#

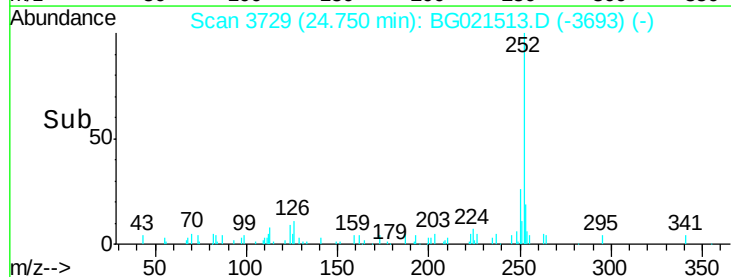
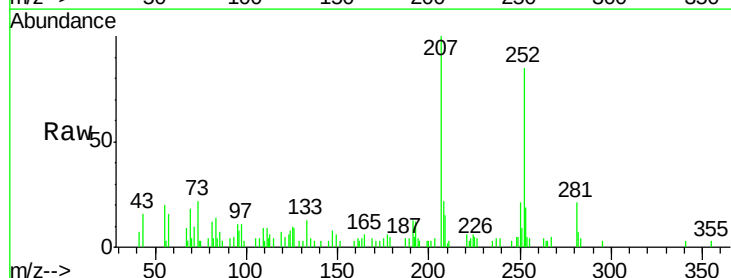
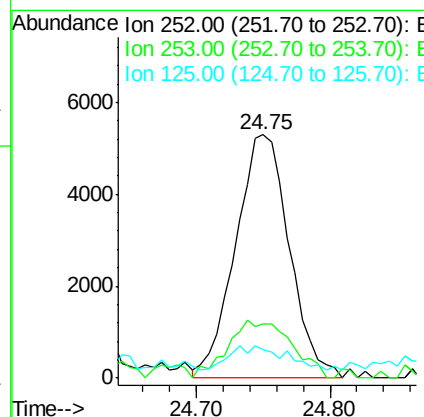
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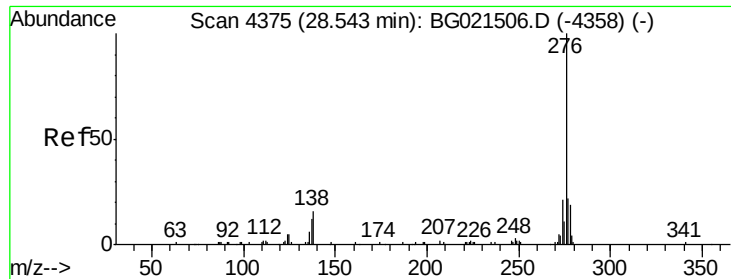
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#91
Benzo(a)pyrene
Concen: 2.12 ng/ul
RT: 24.75 min Scan# 3729
Delta R.T. 0.01 min
Lab File: BG021513.D
Acq: 25 Mar 2016 14:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	11.5	8.2	12.2





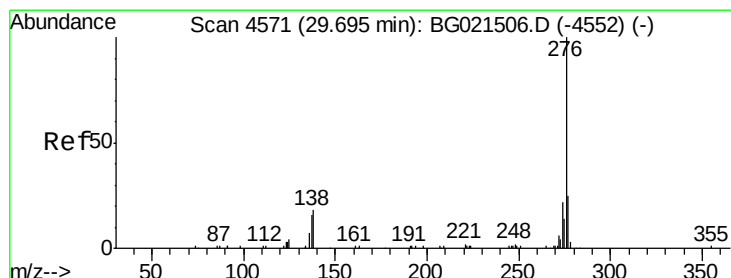
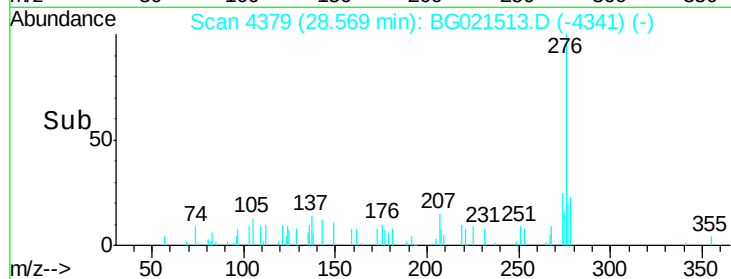
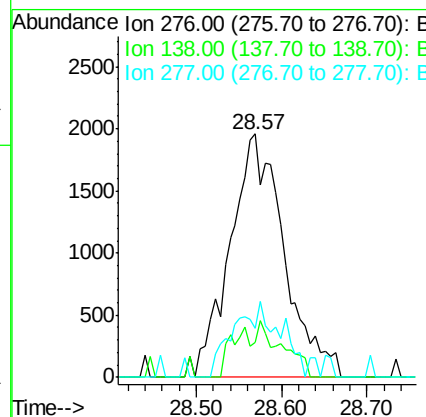
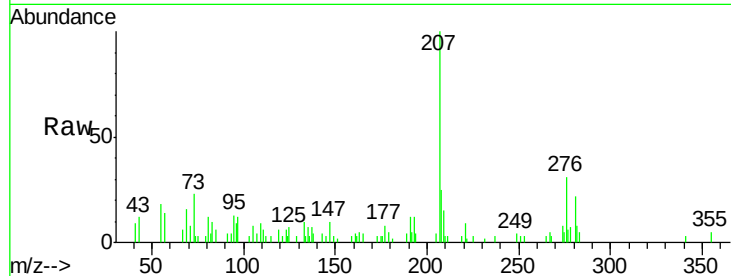
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.08 ng/ul m
 RT: 28.57 min Scan# 4379
 Delta R.T. 0.03 min
 Lab File: BG021513.D
 Acq: 25 Mar 2016 14:19

Instrument :
 BNA_G
 ClientSampleId :
 A4T47

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.5	15.8	23.6#
277	19.9	19.0	28.6

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 1.25 ng/ul m
 RT: 29.72 min Scan# 4575
 Delta R.T. 0.03 min
 Lab File: BG021513.D
 Acq: 25 Mar 2016 14:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.5	13.9	20.9
277	22.4	19.8	29.6

