

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021922.D
 Acq On : 17 May 2016 1:25
 Operator : UM/SJ
 Sample : H3095-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF1

Manual Integrations
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Quant Time: May 17 04:31:25 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 01:35:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	69313	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	328410	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.79	164	183673	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	366585	20.00	ng/ul	0.01
76) Chrysene-d12	21.83	240	344936	20.00	ng/ul	0.01
84) Perylene-d12	25.18	264	330955	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	4221	2.94	ng/uL	0.00
5) Phenol-d5	7.33	99	86282	16.78	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.49	67	41096	16.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	80869	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	69913	16.18	ng/ul	0.01
19) Nitrobenzene-d5	9.34	128	41814	19.37	ng/ul	0.01
22) 2-Nitrophenol-d4	10.06	143	43163	31.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	78435	20.34	ng/ul	0.01
29) 4-Chloroaniline-d4	11.13	131	49569	11.93	ng/ul	0.01
44) Dimethylphthalate-d6	14.19	166	239107	18.53	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	327800	17.90	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	27001m	12.21	ng/ul	0.02
58) Fluorene-d10	15.78	176	219333	16.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	15389	15.15	ng/ul	0.01
71) Anthracene-d10	17.64	188	302821	16.97	ng/ul	0.00
77) Pyrene-d10	19.92	212	305491	18.92	ng/ul	0.01
88) Benzo(a)pyrene-d12	24.94	264	278201	17.69	ng/ul	0.02

Target Compounds

						Ovalue
34) 2-Methylnaphthalene	12.64	142	18436	1.52	ng/ul	93
45) Dimethylphthalate	14.24	163	78164	5.95	ng/ul#	98
70) Phenanthrene	17.58	178	37039	1.85	ng/ul	97
75) Fluoranthene	19.58	202	69365	3.05	ng/ul#	94
78) Pyrene	19.94	202	67090m	3.36	ng/ul	
79) Butylbenzylphthalate	20.81	149	12778m	2.90	ng/ul	
81) Benzo(a)anthracene	21.80	228	48152	2.51	ng/ul	92
82) Bis(2-ethylhexyl)phthalate	21.69	149	25219	3.50	ng/ul#	87
83) Chrysene	21.87	228	57337m	3.02	ng/ul	
86) Benzo(b)fluoranthene	24.11	252	80102	4.23	ng/ul#	90
87) Benzo(k)fluoranthene	24.15	252	30536m	1.51	ng/ul	
89) Benzo(a)pyrene	25.02	252	48712	2.58	ng/ul#	89
90) Indeno(1,2,3-cd)pyrene	29.02	276	28414m	1.27	ng/ul	
92) Benzo(g,h,i)perylene	30.21	276	30596m	1.66	ng/ul	

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

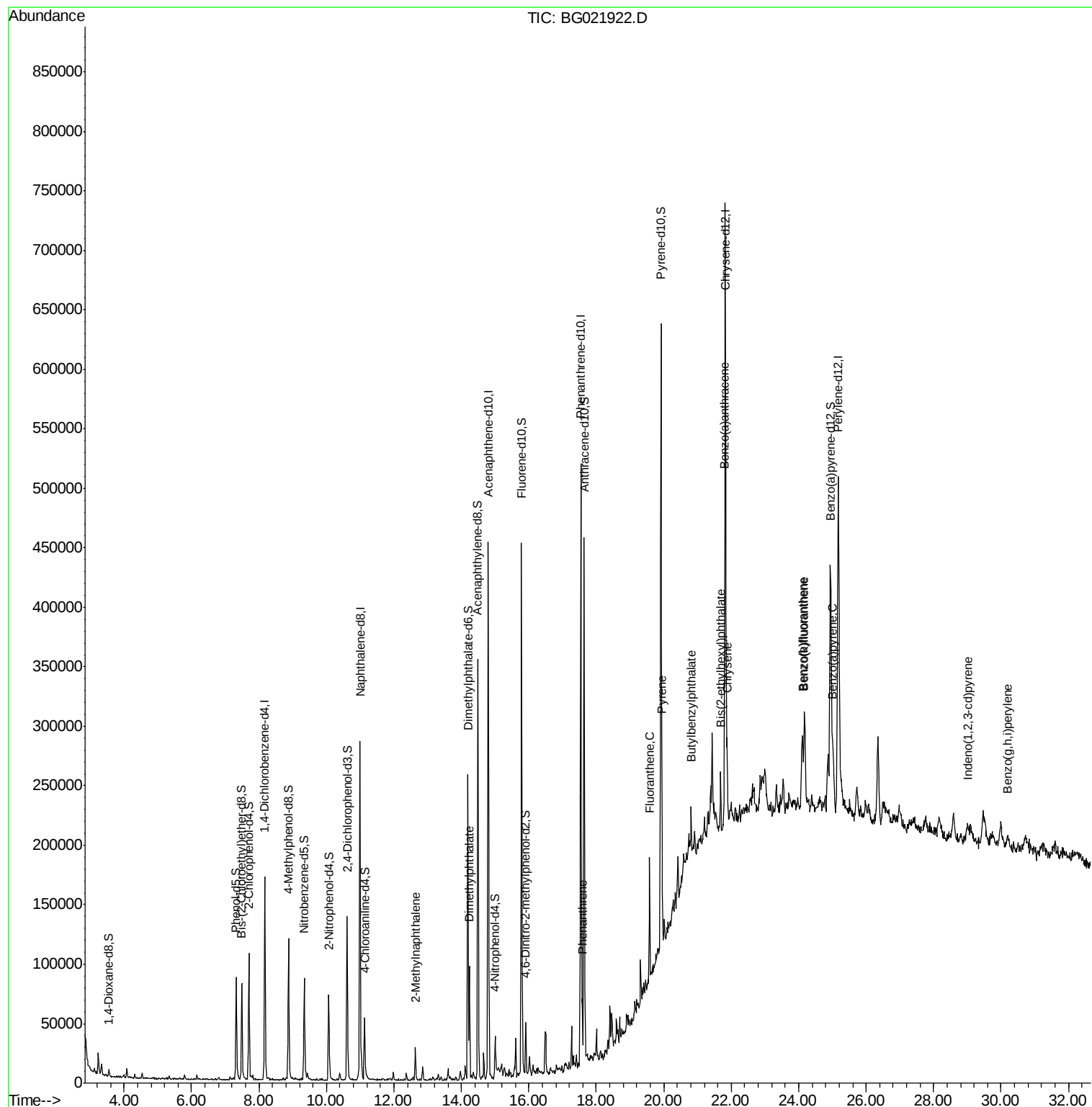
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021922.D
Acq On : 17 May 2016 1:25
Operator : UM/SJ
Sample : H3095-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

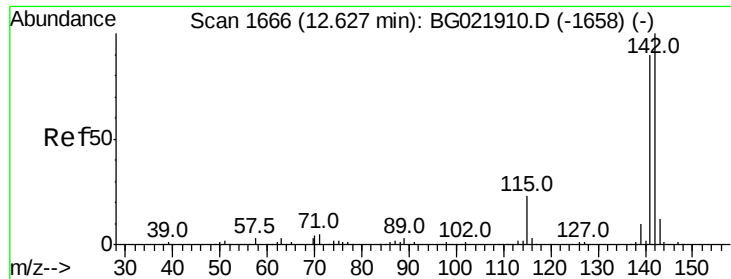
Instrument :
BNA_G
ClientSampleId :
D9XF1

Manual Integrations
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Quant Time: May 17 04:31:25 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





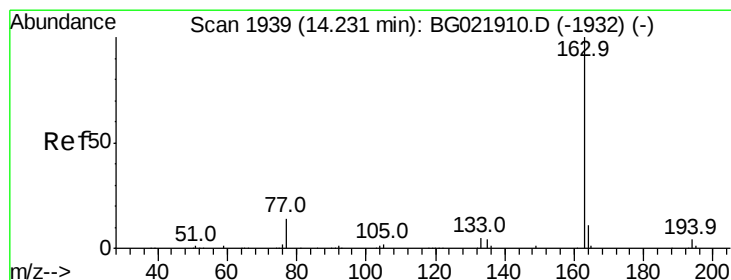
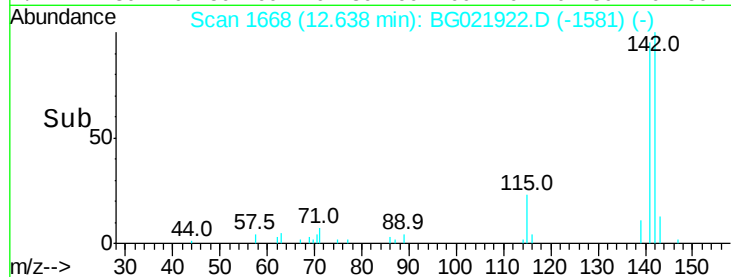
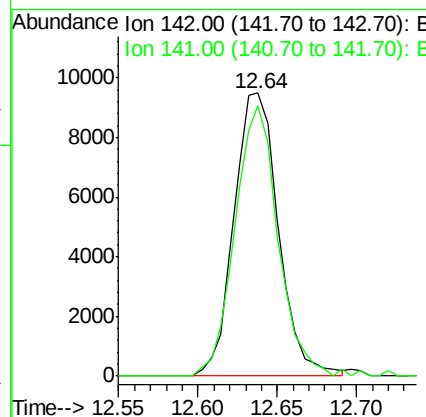
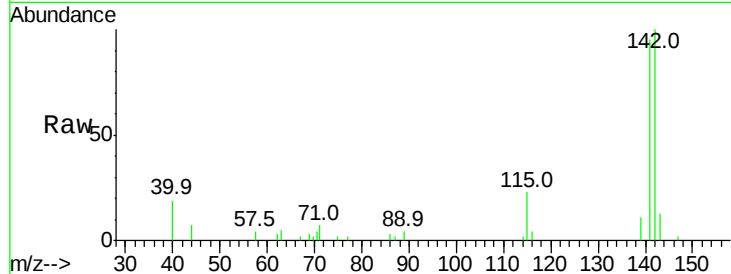
#34
2-Methylnaphthalene
Concen: 1.52 ng/ul
RT: 12.64 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BG021922.D
Acq: 17 May 2016 1:25

Instrument :
BNA_G
ClientSampled :
D9XF1

Tot Ion:142 Resp: 18436
Ion Ratio Lower Upper
142 100
141 95.5 71.3 106.9

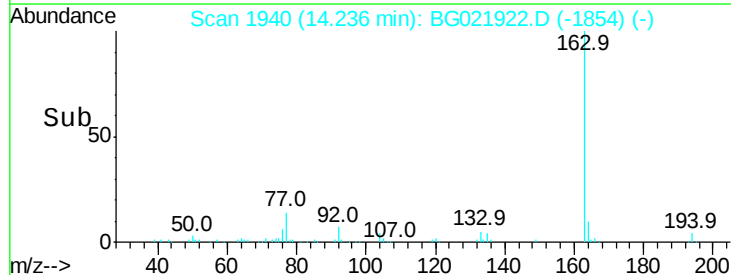
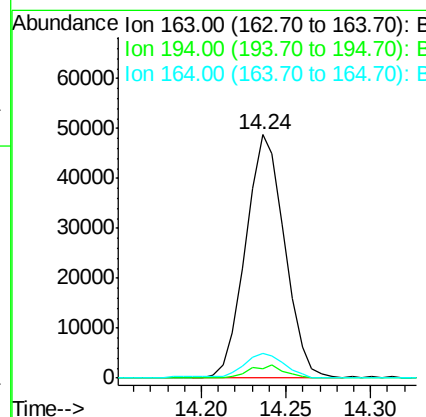
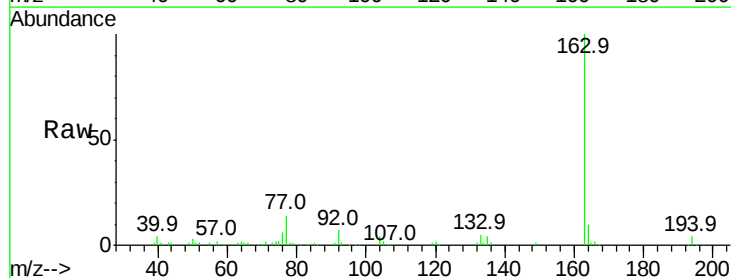
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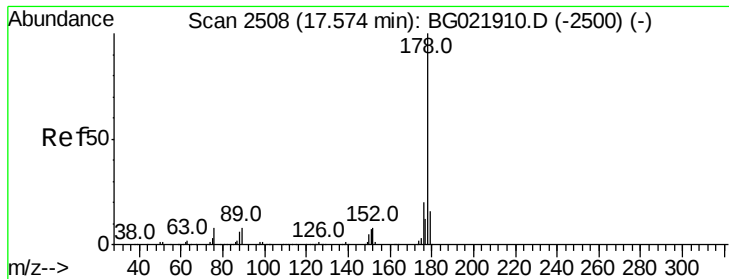
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#45
Dimethylphthalate
Concen: 5.95 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BG021922.D
Acq: 17 May 2016 1:25

Tgt Ion:163 Resp: 78164
Ion Ratio Lower Upper
163 100
194 3.8 3.9 5.9#
164 10.2 8.7 13.1





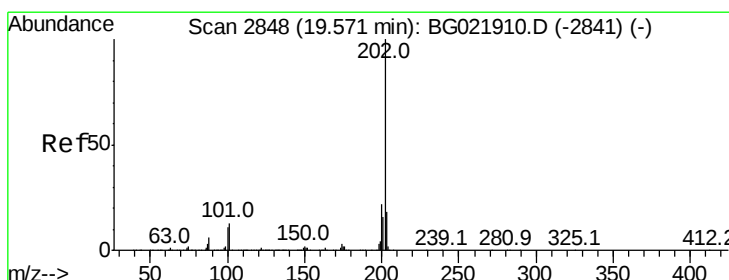
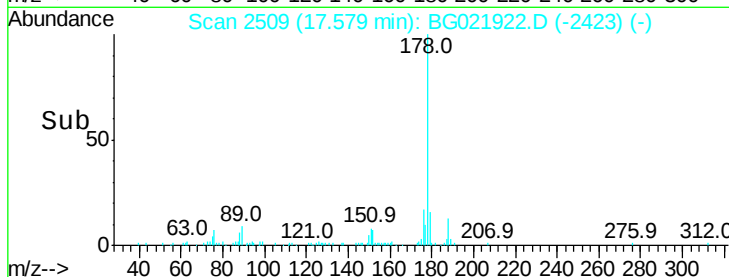
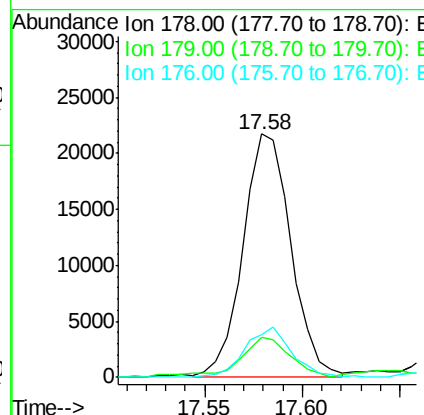
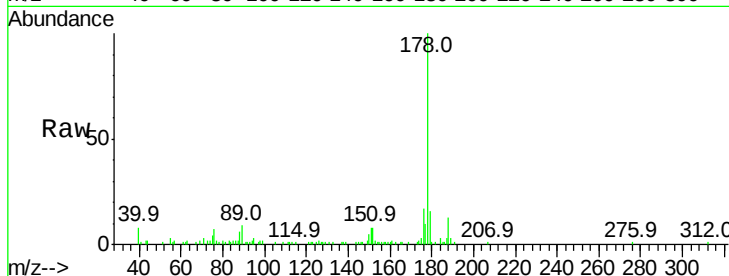
#70
Phenanthrene
Concen: 1.85 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BG021922.D
Acq: 17 May 2016 1:25

Instrument :
BNA_G
ClientSampleId :
D9XF1

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.8	17.8
176	17.5	14.8	22.2

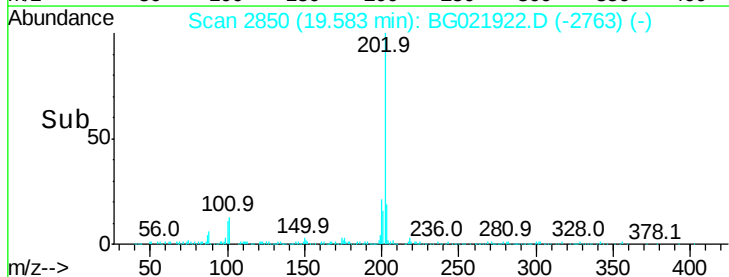
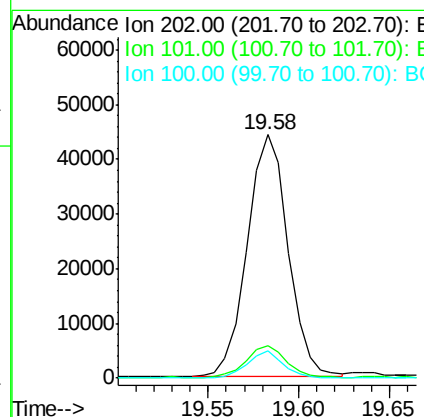
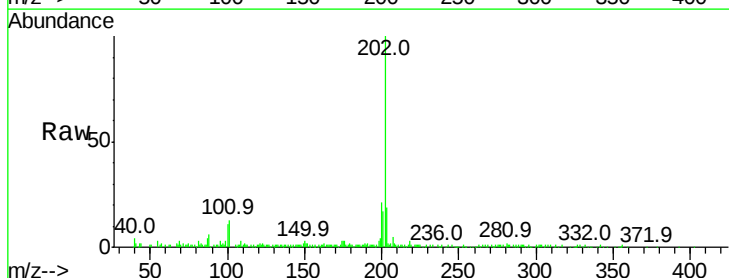
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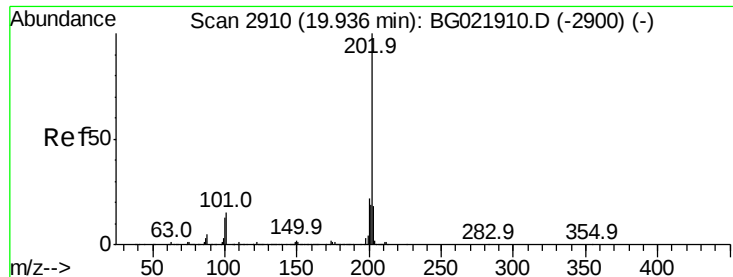
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#75
Fluoranthene
Concen: 3.05 ng/ul
RT: 19.58 min Scan# 2850
Delta R.T. 0.01 min
Lab File: BG021922.D
Acq: 17 May 2016 1:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	8.9	13.3
100	11.0	7.0	10.4#





#78

Pvrene

Concen: 3.36 ng/ul m

RT: 19.94 min Scan# 2911

Delta R.T. 0.01 min

Lab File: BG021922.D

Acq: 17 May 2016 1:25

Instrument :

BNA_G

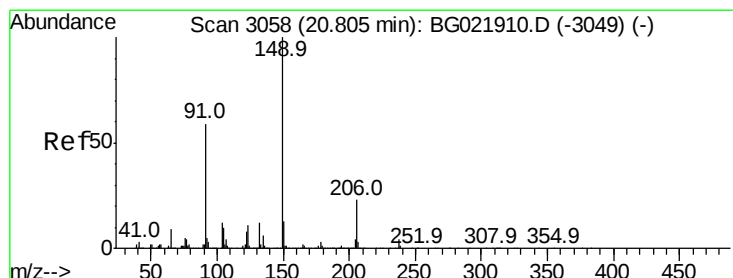
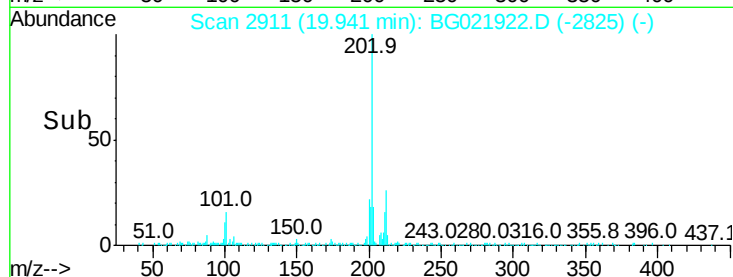
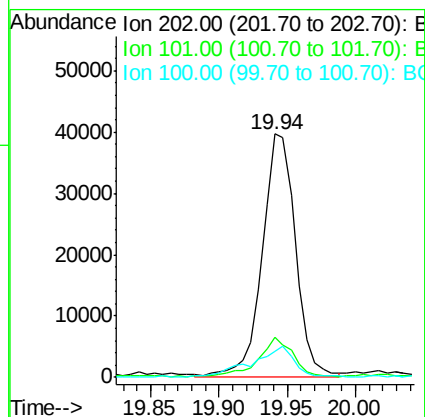
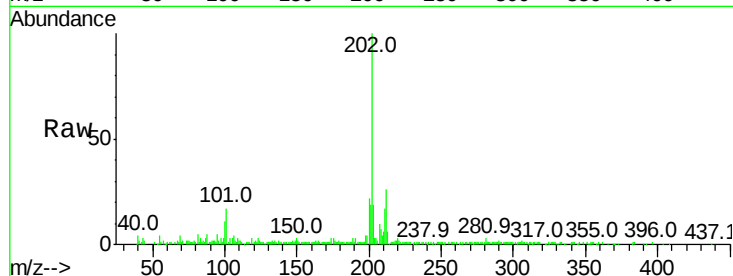
ClientSampled :

D9XF1

Tot Ion:	202	Resp:	67090
Ion Ratio	Lower	Upper	
202	100		
101	16.7	9.8	14.8#
100	10.9	9.3	13.9

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#79

Butylbenzylphthalate

Concen: 2.90 ng/ul m

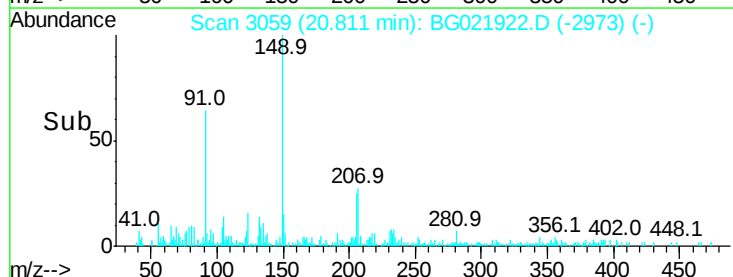
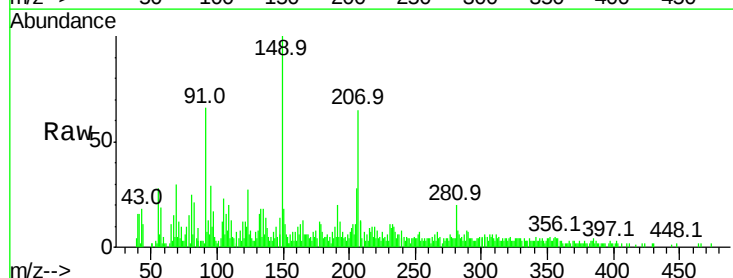
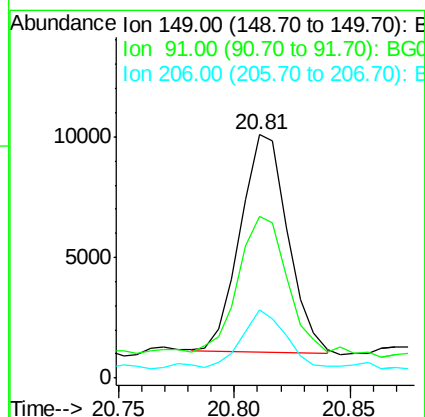
RT: 20.81 min Scan# 3059

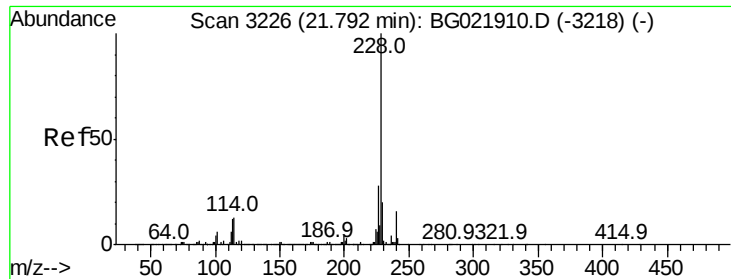
Delta R.T. 0.01 min

Lab File: BG021922.D

Acq: 17 May 2016 1:25

Tgt Ion:	149	Resp:	12778
Ion Ratio	Lower	Upper	
149	100		
91	66.4	65.8	98.8
206	28.1	15.5	23.3#





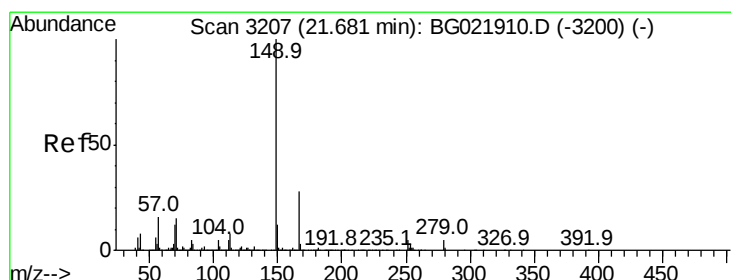
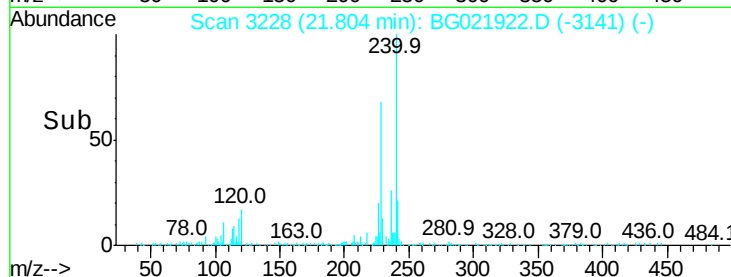
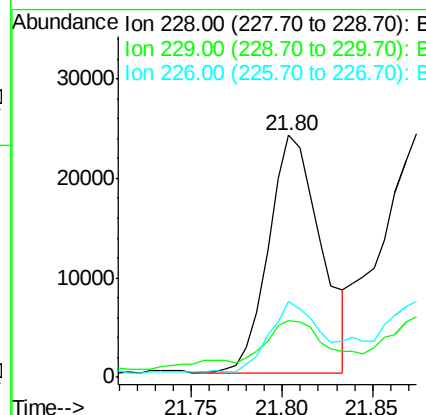
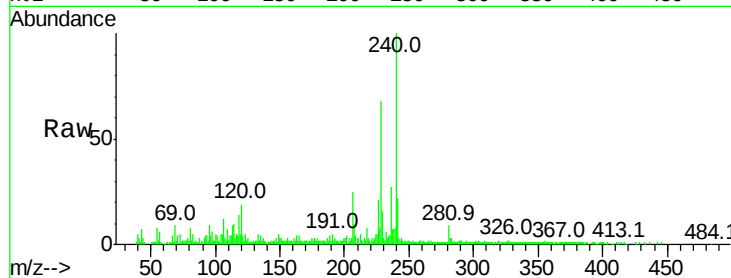
#81
Benzo(a)anthracene
Concen: 2.51 ng/ul
RT: 21.80 min Scan# 3228
Delta R.T. 0.01 min
Lab File: BG021922.D
Acq: 17 May 2016 1:25

Instrument :
BNA_G
ClientSampleId :
D9XF1

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.4	16.6	25.0
226	31.4	21.0	31.4

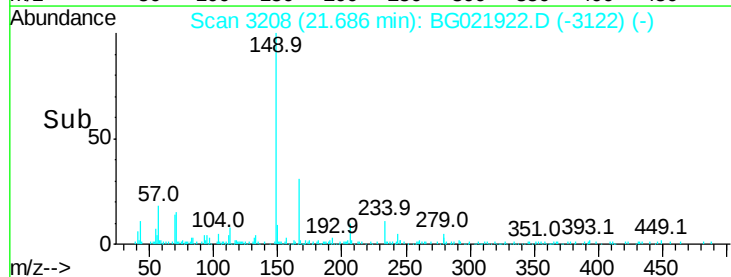
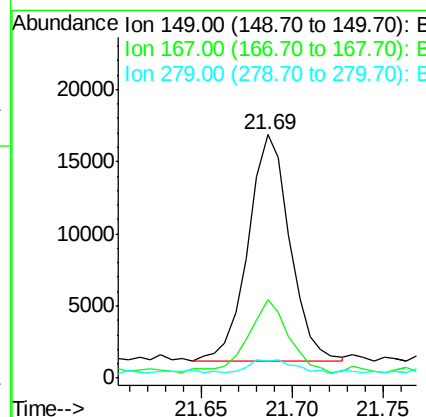
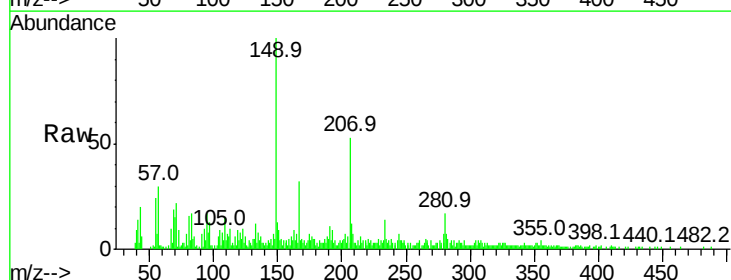
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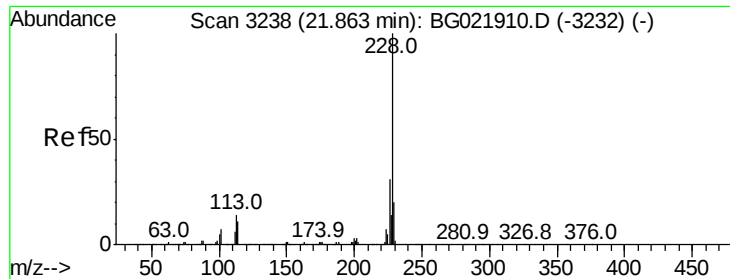
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#82
Bis(2-ethylhexyl)phthalate
Concen: 3.50 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. 0.01 min
Lab File: BG021922.D
Acq: 17 May 2016 1:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.4	20.5	30.7#
279	7.0	3.7	5.5#





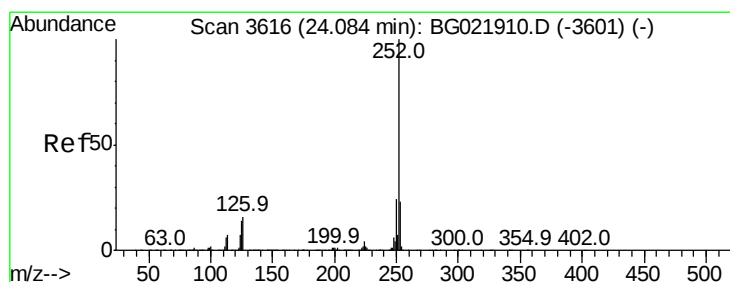
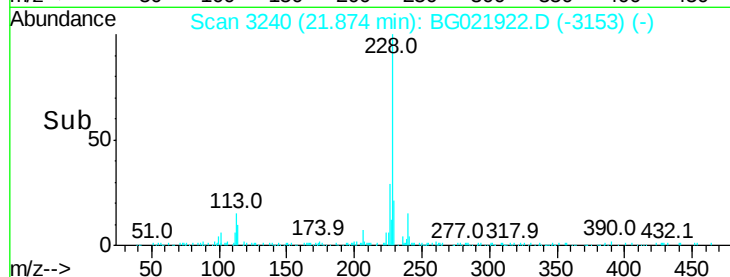
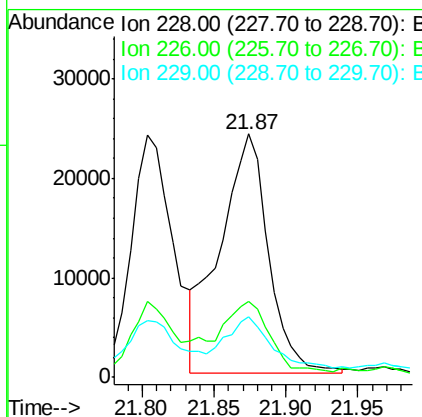
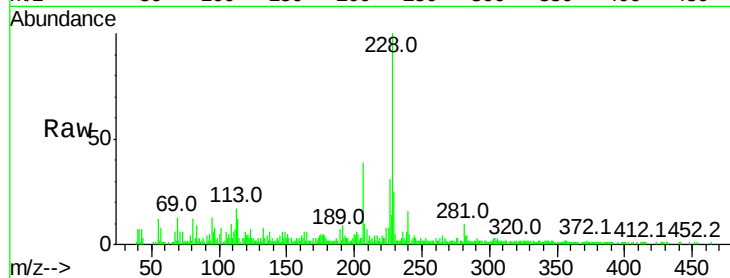
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Chrysene
Concen: 3.02 ng/ul m
RT: 21.87 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG021922.D
Acq: 17 May 2016 1:25

Instrument :
BNA_G
ClientSampleId :
D9XF1

Tot Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	23.4	35.2
229	24.6	16.2	24.2#

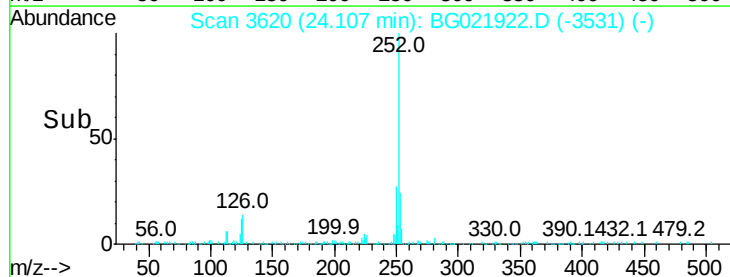
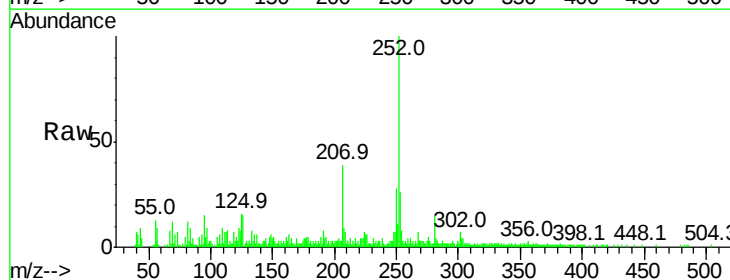
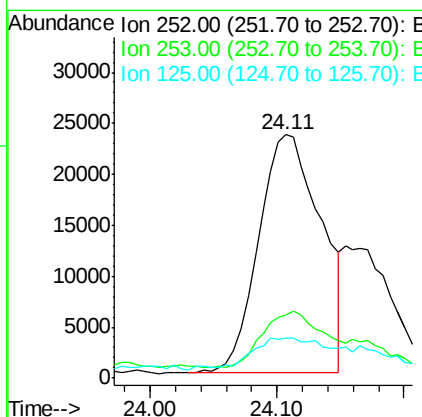
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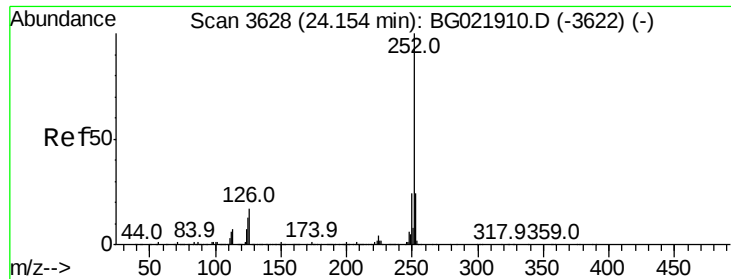
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#86
Benzo(b)fluoranthene
Concen: 4.23 ng/ul
RT: 24.11 min Scan# 3620
Delta R.T. 0.02 min
Lab File: BG021922.D
Acq: 17 May 2016 1:25

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.9	18.1	27.1
125	16.2	7.6	11.4#





#87

Benzo(k)fluoranthene

Concen: 1.51 ng/ul m

RT: 24.15 min Scan# 3628

Delta R.T. -0.00 min

Lab File: BG021922.D

Acq: 17 May 2016 1:25

Instrument :

BNA_G

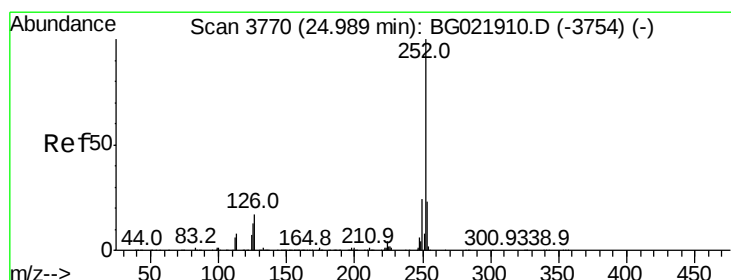
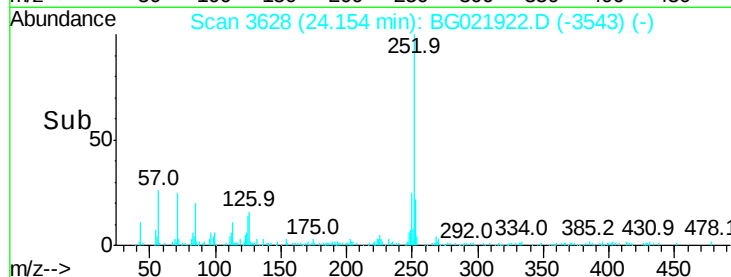
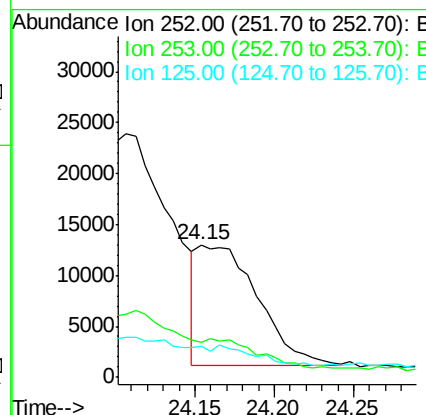
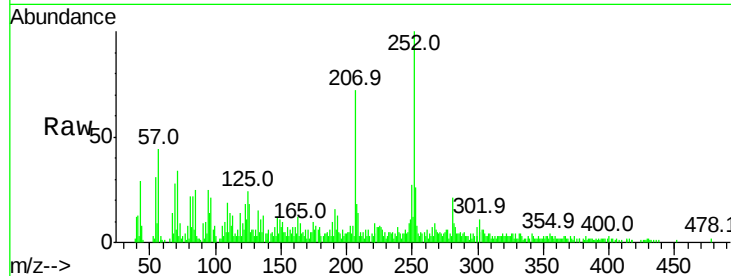
ClientSampleId :

D9XF1

Tot Ion:	252	Resp:	30536
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.8	26.8
125	23.8	7.7	11.5#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.58 ng/ul

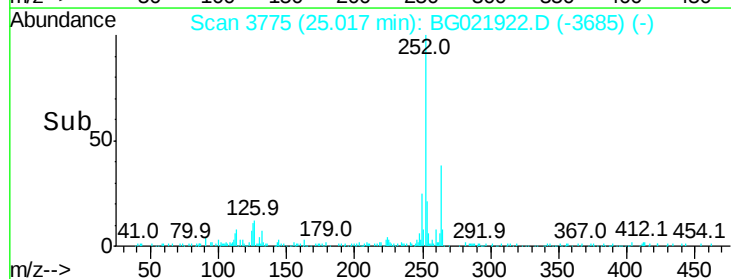
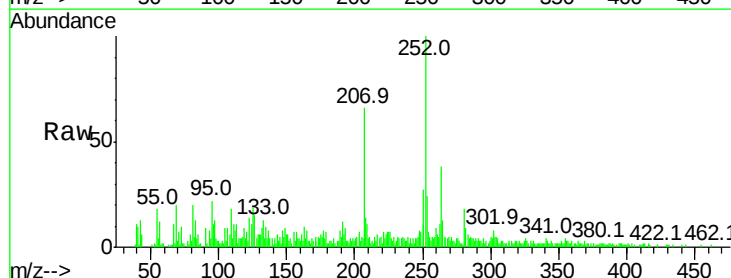
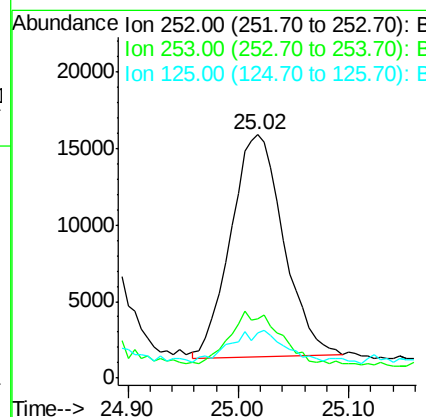
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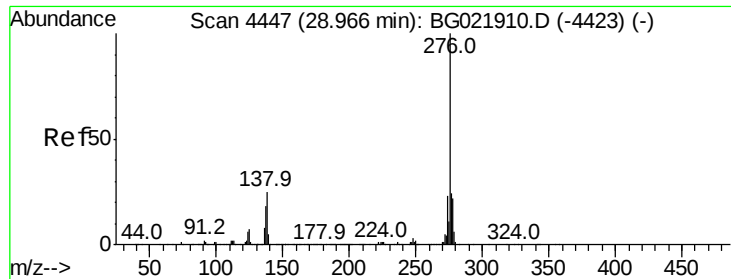
Delta R.T. 0.03 min

Lab File: BG021922.D

Acq: 17 May 2016 1:25

Tgt Ion:	252	Resp:	48712
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.0
125	18.6	8.2	12.2#





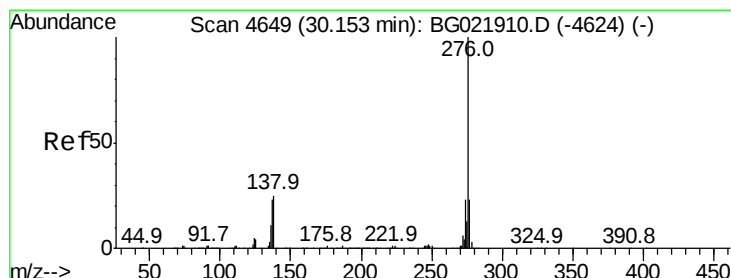
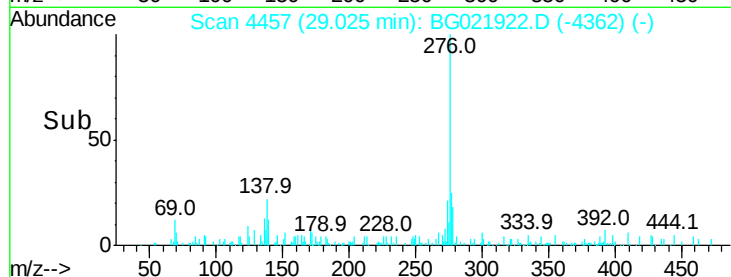
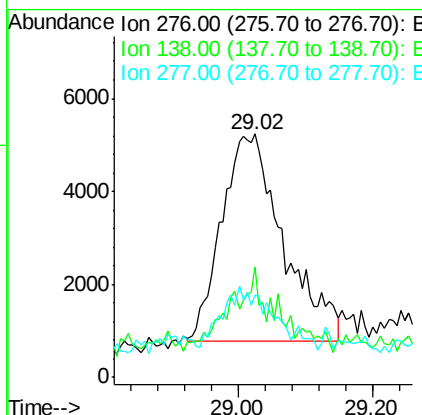
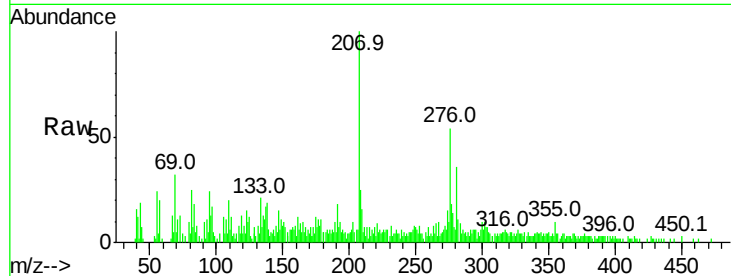
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 Indeno(1,2,3-cd)pyrene
 Concen: 1.27 ng/ul m
 RT: 29.02 min Scan# 4457
 Delta R.T. 0.06 min
 Lab File: BG021922.D
 Acq: 17 May 2016 1:25

Instrument :
 BNA_G
 ClientSampleId :
 D9XF1

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	15.8	23.6#
277	33.7	19.0	28.6#

Manual Integrations
 APPROVED

umangi
 5/17/2016 7:21:06 PM



#92
 Benzo(g,h,i)perylene
 Concen: 1.66 ng/ul m
 RT: 30.21 min Scan# 4658
 Delta R.T. 0.05 min
 Lab File: BG021922.D
 Acq: 17 May 2016 1:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	13.9	20.9#
277	32.7	19.8	29.6#

