

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
 Data File : BG021823.D
 Acq On : 10 May 2016 19:22
 Operator : UM/SJ
 Sample : H2938-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB1

Manual Integrations
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 5/11/2016 8:27:49 PM

Quant Time: May 11 05:41:14 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	76204	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	391994	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	229180	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	469433	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	453878	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	448177	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	8138m	5.16	ng/uL	0.00
5) Phenol-d5	7.33	99	150289	26.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	76983	27.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	139401	31.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	87245m	18.37	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	73922	28.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	72503	44.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	137676m	29.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	130438m	26.31	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	463018	28.76	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	625890	27.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	72096m	26.13	ng/ul	0.00
58) Fluorene-d10	15.79	176	429134	25.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	45850	35.26	ng/ul	0.00
71) Anthracene-d10	17.64	188	578327	25.31	ng/ul	0.00
77) Pyrene-d10	19.92	212	612019	28.81	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	569767	26.76	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.24	163	92046	5.61	ng/ul	99
70) Phenanthrene	17.59	178	88350	3.44	ng/ul	99
74) Di-n-butylphthalate	18.49	149	1000396	48.71	ng/ul#	95
75) Fluoranthene	19.59	202	181208	6.21	ng/ul#	94
78) Pyrene	19.94	202	152429m	5.80	ng/ul	
81) Benzo(a)anthracene	21.81	228	76594	3.03	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	97636	10.30	ng/ul	95
83) Chrysene	21.88	228	83636	3.35	ng/ul	99
86) Benzo(b)fluoranthene	24.10	252	143131	5.58	ng/ul#	96
87) Benzo(k)fluoranthene	24.16	252	35512m	1.29	ng/ul	
89) Benzo(a)pyrene	25.00	252	70075	2.74	ng/ul#	86
90) Indeno(1,2,3-cd)pyrene	28.97	276	59038	1.95	ng/ul#	90
92) Benzo(g,h,i)perylene	30.16	276	46435	1.86	ng/ul#	83

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

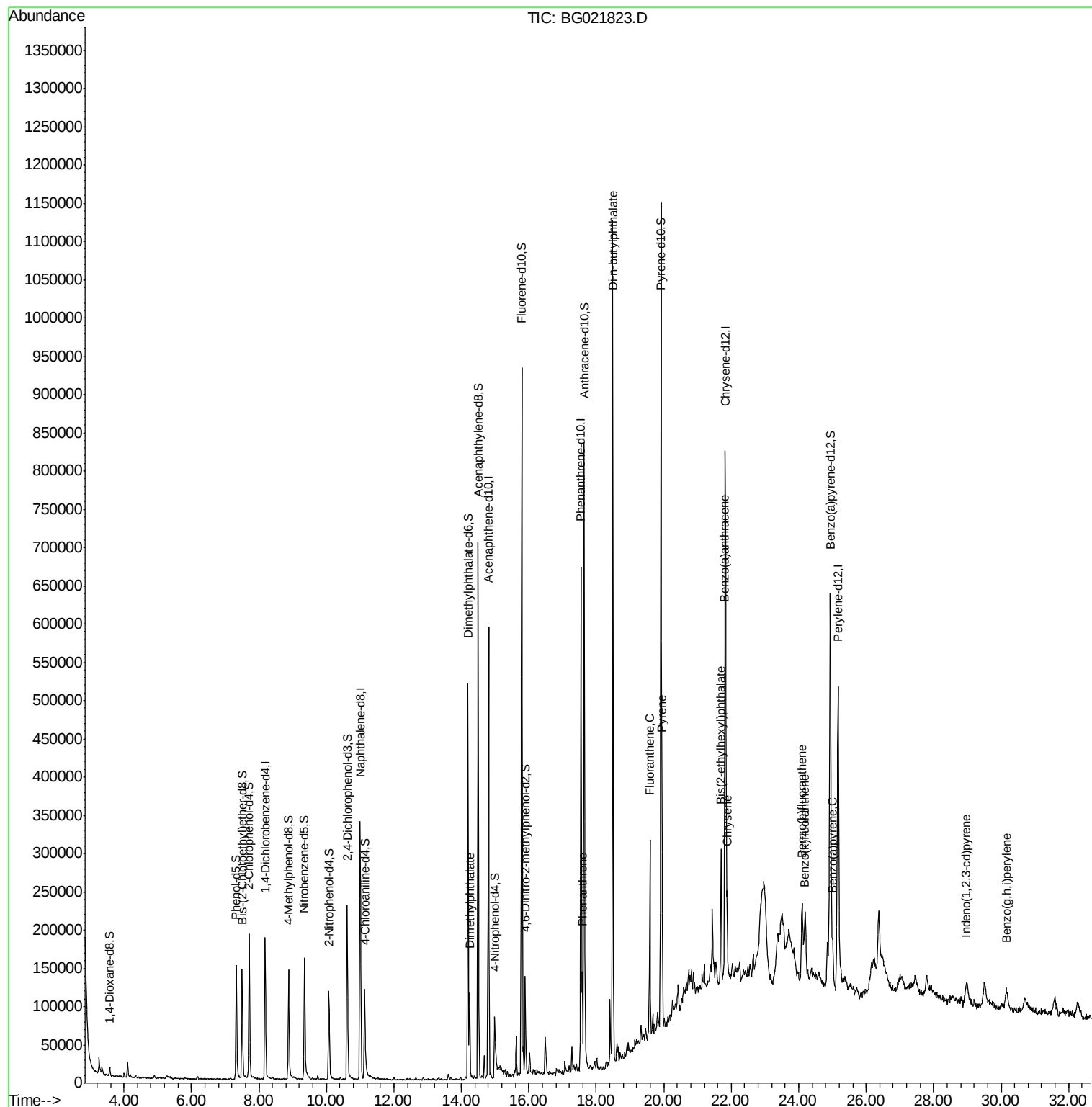
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
Data File : BG021823.D
Acq On : 10 May 2016 19:22
Operator : UM/SJ
Sample : H2938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

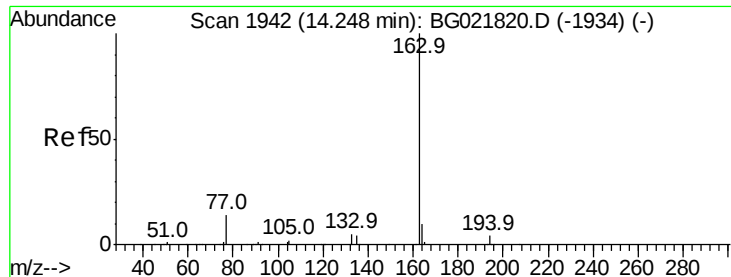
Instrument :
BNA_G
ClientSampleId :
D9XB1

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Quant Time: May 11 05:41:14 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 5.61 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

Instrument :

BNA_G

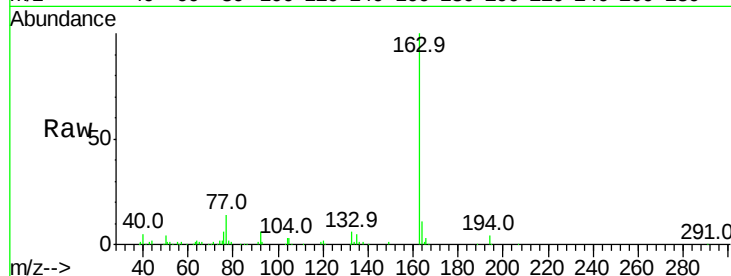
ClientSampleId :

D9XB1

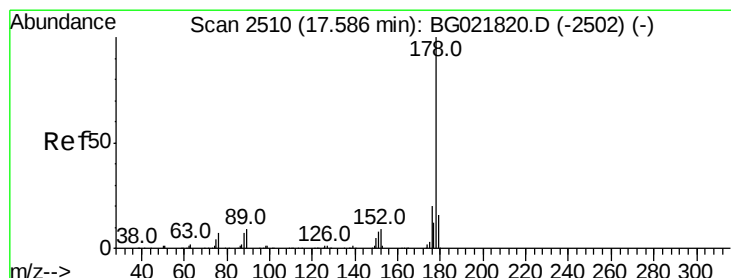
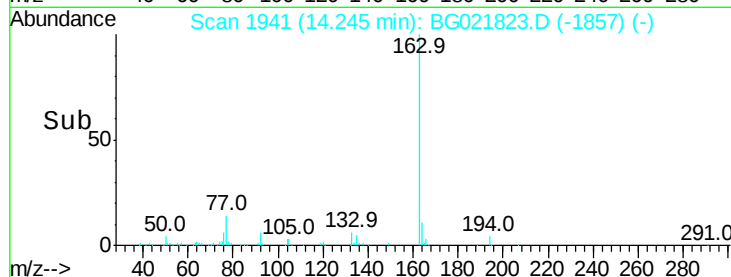
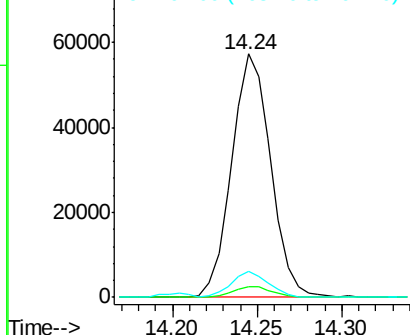
Tot Ion:	163	Resp:	92046
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.9	5.9
164	10.8	8.7	13.1

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 3.44 ng/ul

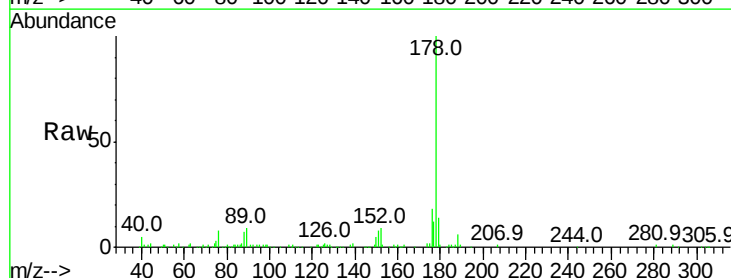
RT: 17.59 min Scan# 2510

Delta R.T. 0.00 min

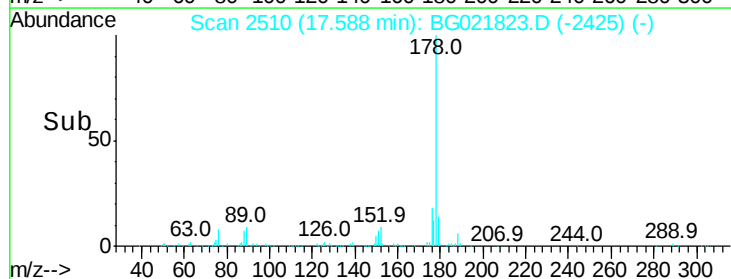
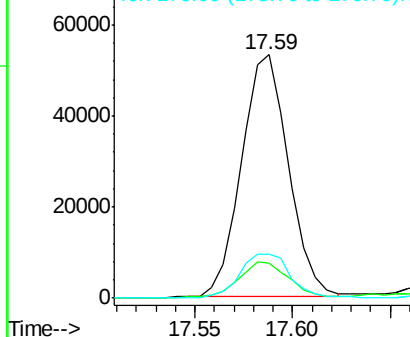
Lab File: BG021823.D

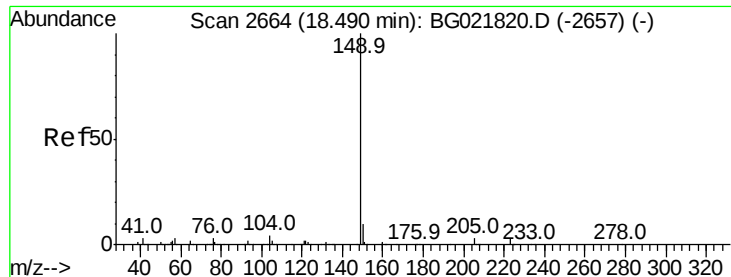
Acq: 10 May 2016 19:22

Tgt Ion:	178	Resp:	88350
Ion Ratio	Lower	Upper	
178	100		
179	14.2	11.8	17.8
176	18.3	14.8	22.2



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





#74

Di-n-butylphthalate

Concen: 48.71 ng/ul

RT: 18.49 min Scan# 2664

Delta R.T. 0.00 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

Instrument :

BNA_G

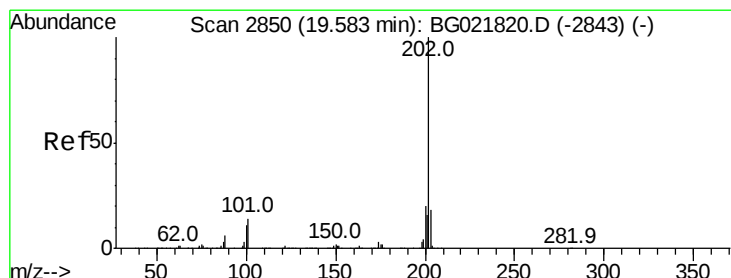
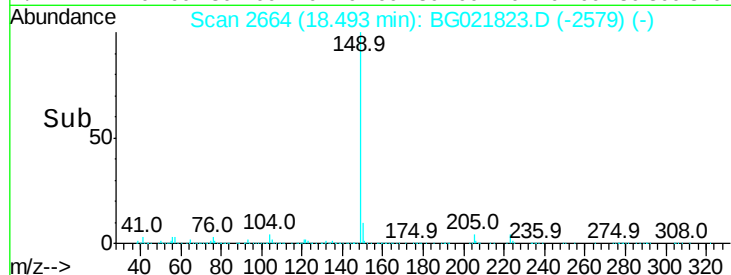
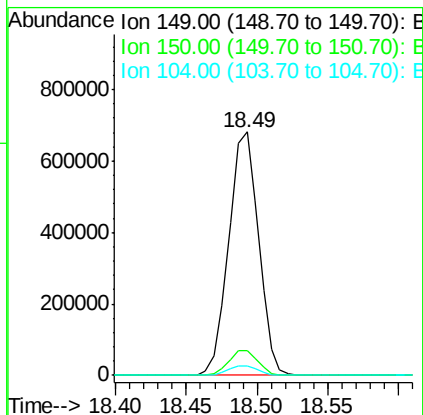
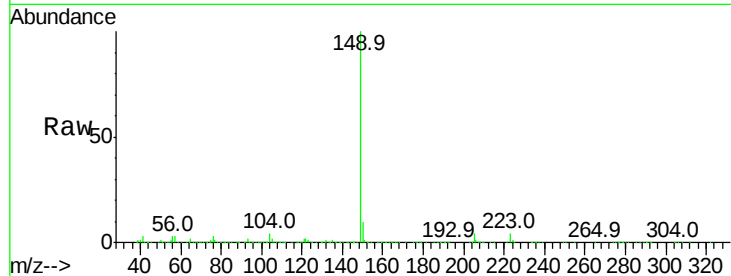
ClientSampleId :

D9XB1

Tot Ion:	149	Resp:	1000396
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.5	11.3
104	4.1	5.4	8.2#

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#75

Fluoranthene

Concen: 6.21 ng/ul

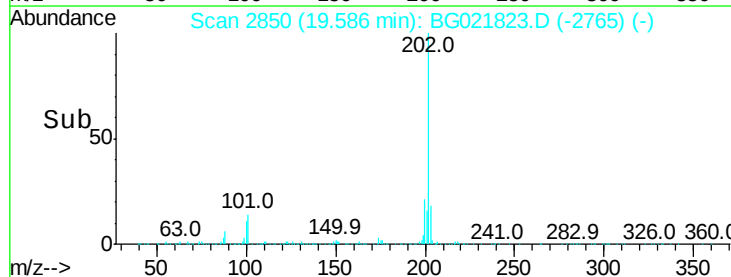
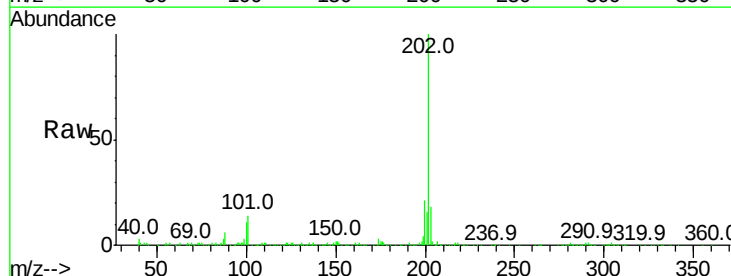
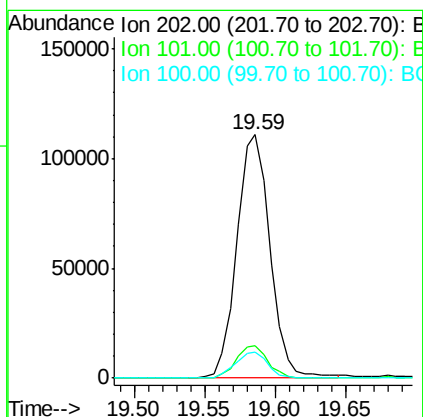
RT: 19.59 min Scan# 2850

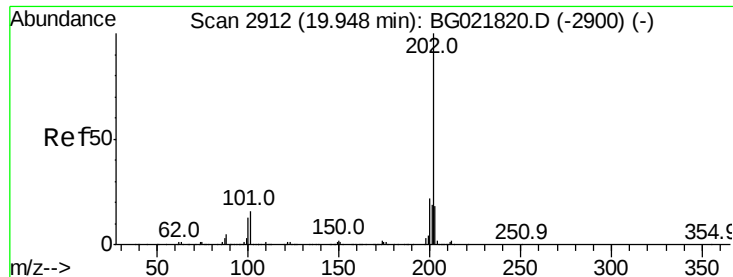
Delta R.T. 0.00 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

Tgt Ion:	202	Resp:	181208
Ion Ratio	Lower	Upper	
202	100		
101	13.5	8.9	13.3#
100	10.6	7.0	10.4#





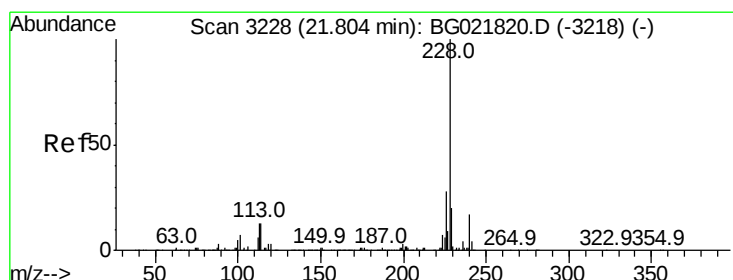
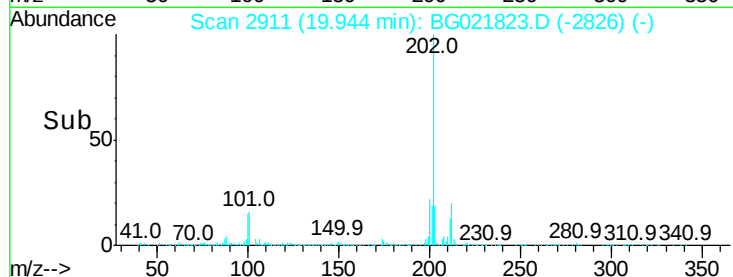
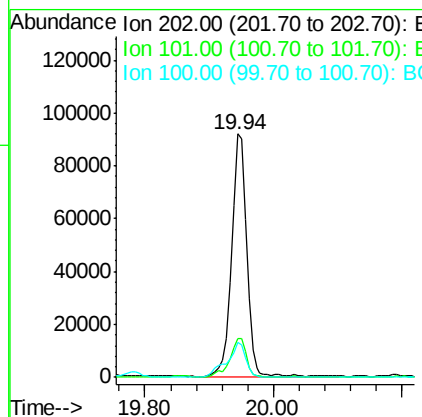
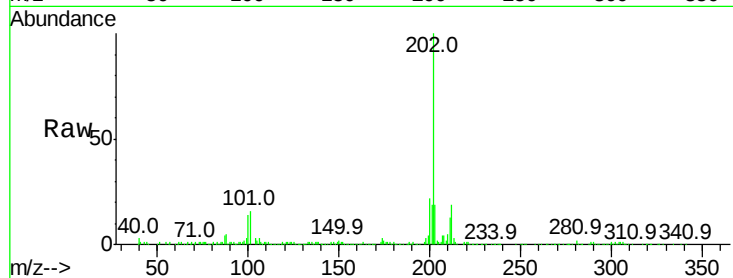
#78
Pvrene
Concen: 5.80 ng/ul m
RT: 19.94 min Scan# 2911
Delta R.T. 0.00 min
Lab File: BG021823.D
Acq: 10 May 2016 19:22

Instrument :
BNA_G
ClientSampleId :
D9XB1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.2	9.8	14.8#
100	14.5	9.3	13.9#

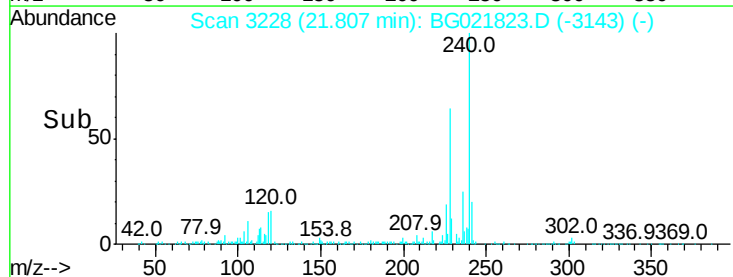
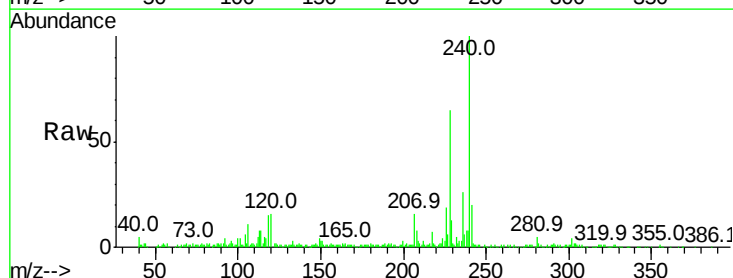
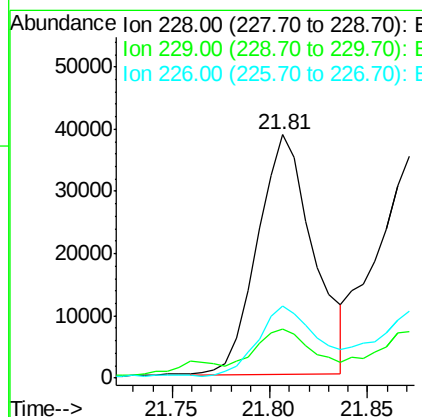
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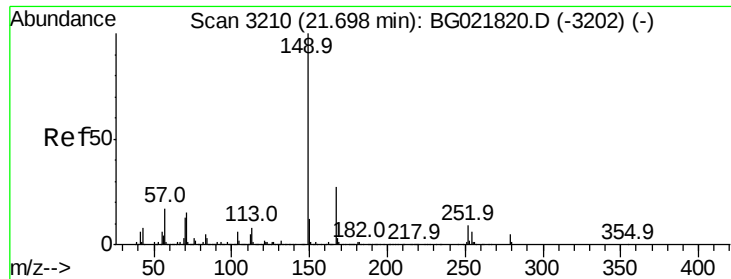
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#81
Benzo(a)anthracene
Concen: 3.03 ng/ul
RT: 21.81 min Scan# 3228
Delta R.T. 0.00 min
Lab File: BG021823.D
Acq: 10 May 2016 19:22

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.1	16.6	25.0
226	29.6	21.0	31.4





#82

Bis(2-ethylhexyl)phthalate

Concen: 10.30 ng/ul

RT: 21.70 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

Instrument :

BNA_G

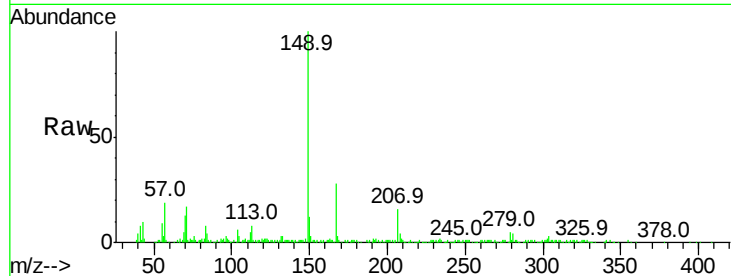
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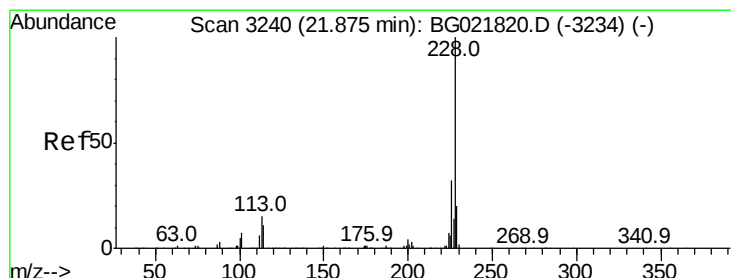
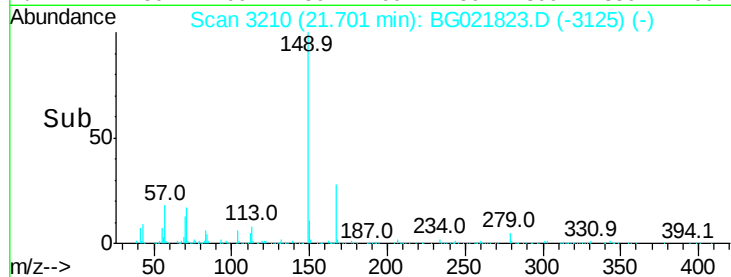
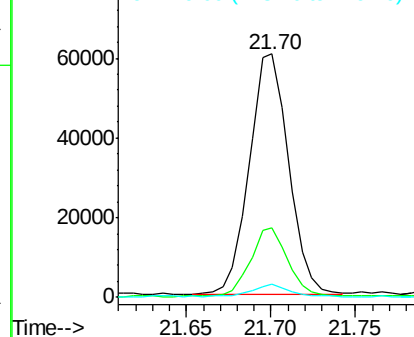
Tot Ion:	149	Resp:	97636
Ion Ratio	Lower	Upper	
149	100		
167	28.4	20.5	30.7
279	5.4	3.7	5.5

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#83

Chrysene

Concen: 3.35 ng/ul

RT: 21.88 min Scan# 3240

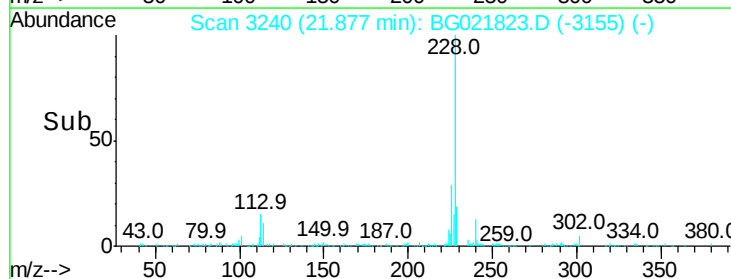
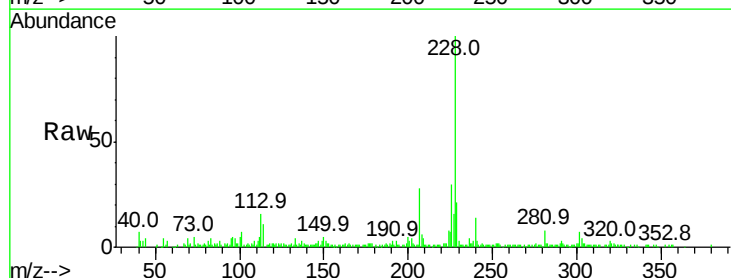
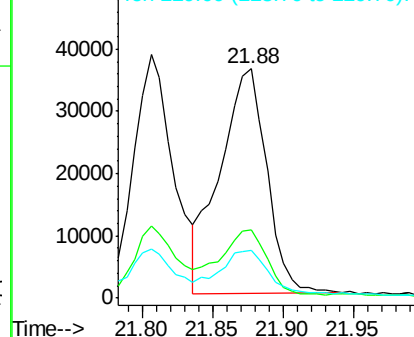
Delta R.T. 0.00 min

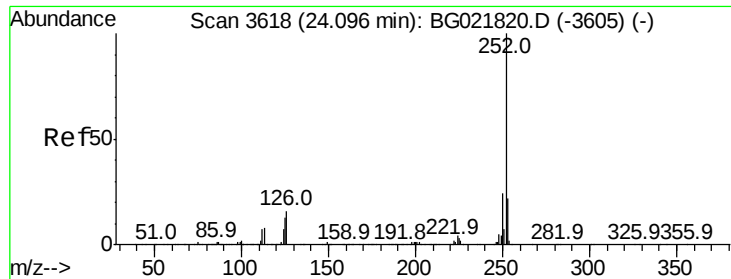
Lab File: BG021823.D

Acq: 10 May 2016 19:22

Tgt Ion:	228	Resp:	83636
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.4	35.2
229	20.9	16.2	24.2

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





#86

Benzo(b)fluoranthene

Concen: 5.58 ng/ul

RT: 24.10 min Scan# 3618

Delta R.T. 0.00 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

Instrument :

BNA_G

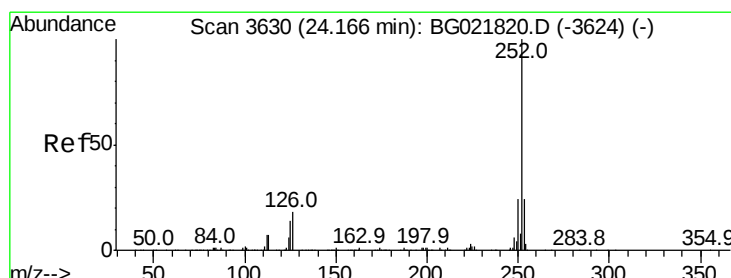
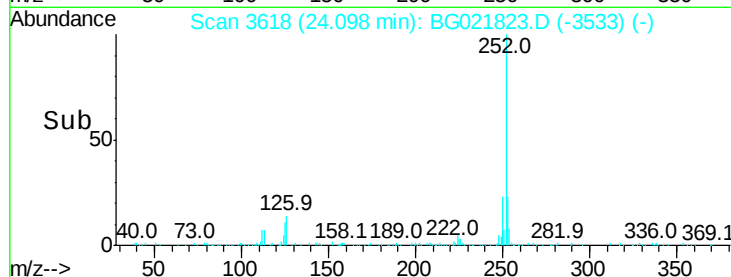
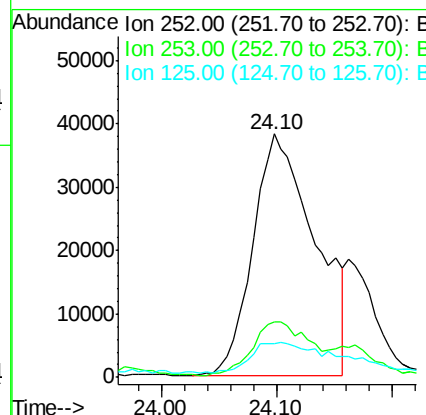
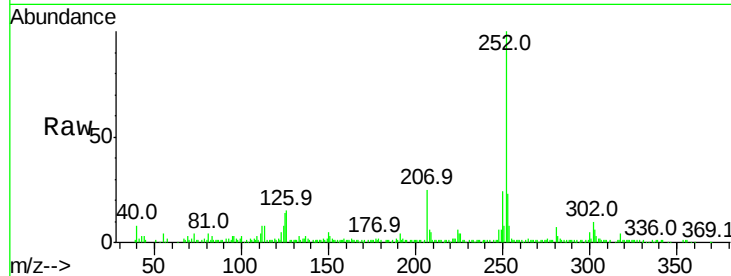
ClientSampled :

D9XB1

Tot Ion	Ratio	Resp	Lower	Upper
252	100	143131		
253	23.0	18.1	27.1	
125	13.6	7.6	11.4	

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#87

Benzo(k)fluoranthene

Concen: 1.29 ng/ul m

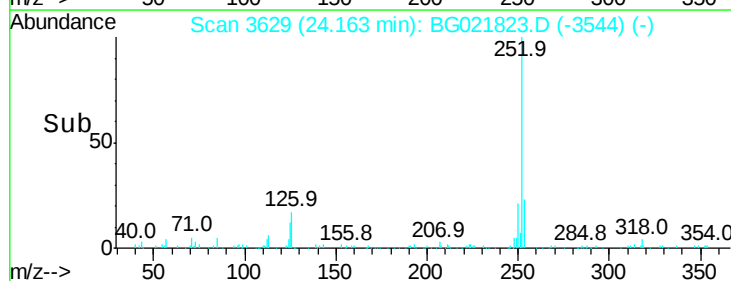
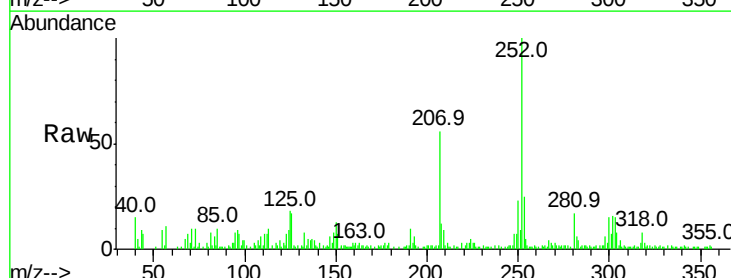
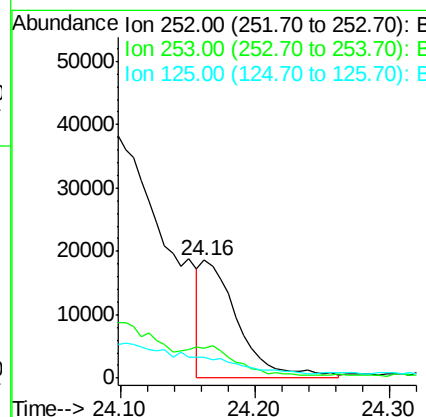
RT: 24.16 min Scan# 3629

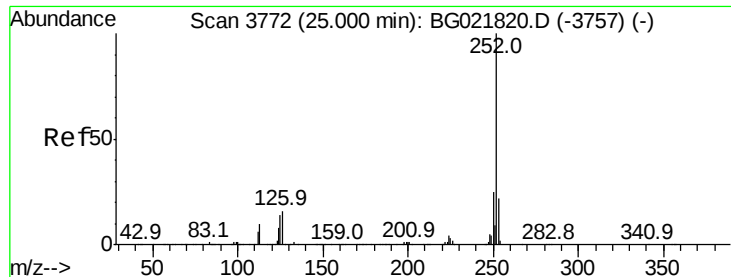
Delta R.T. 0.00 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	35512		
253	25.0	17.8	26.8	
125	17.7	7.7	11.5	





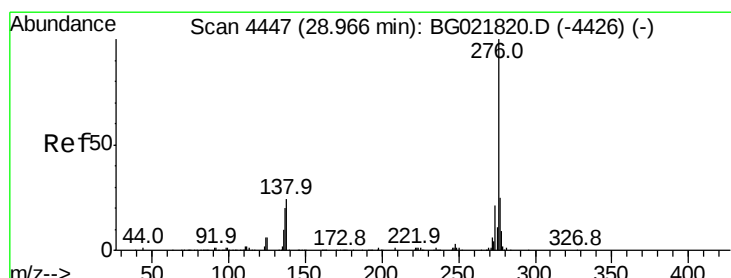
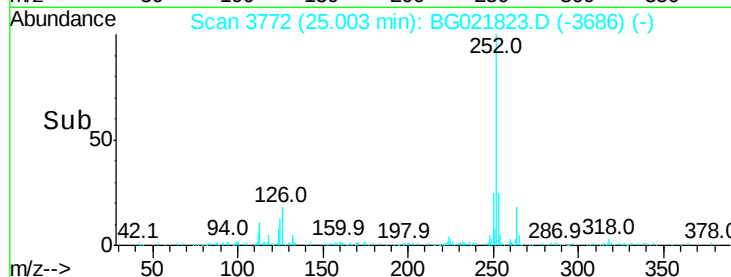
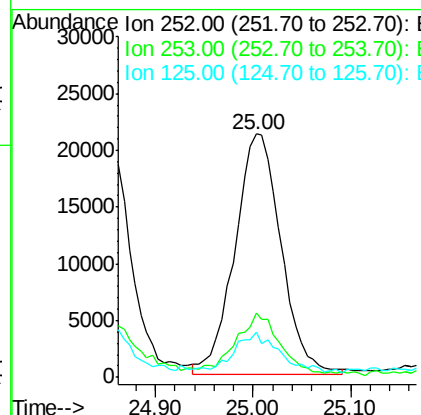
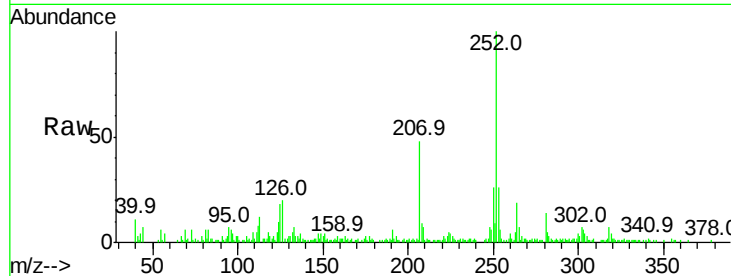
#89
Benzo(a)pyrene
Concen: 2.74 ng/ul
RT: 25.00 min Scan# 3772
Delta R.T. 0.01 min
Lab File: BG021823.D
Acq: 10 May 2016 19:22

Instrument :
BNA_G
ClientSampled :
D9XB1

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.4	26.0#
125	18.5	8.2	12.2#

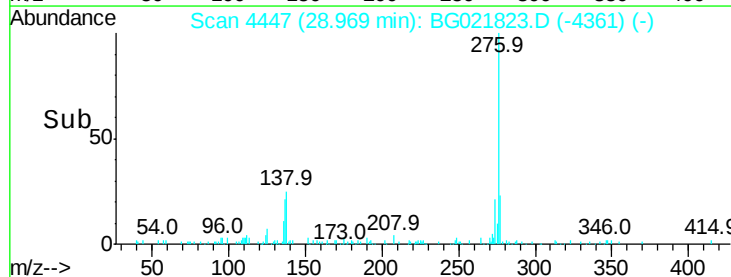
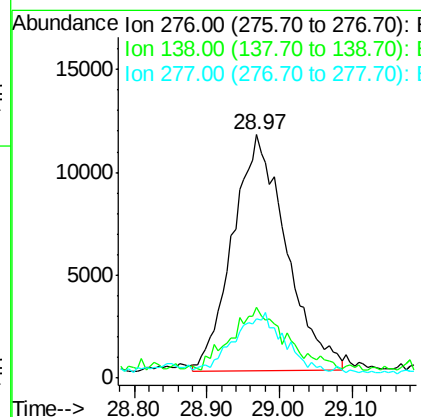
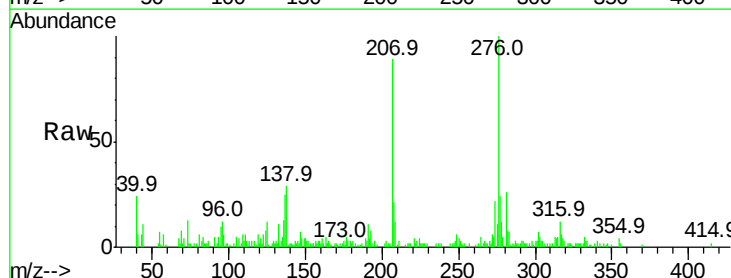
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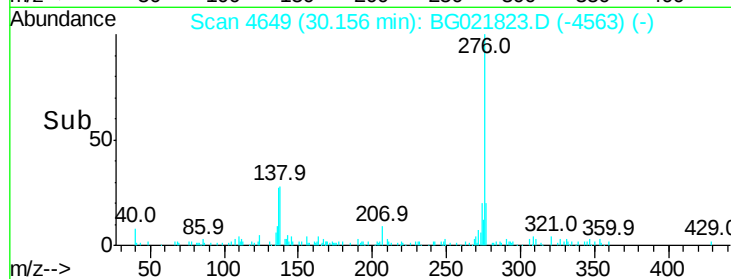
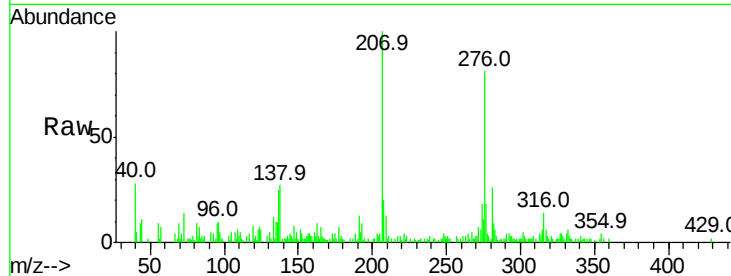
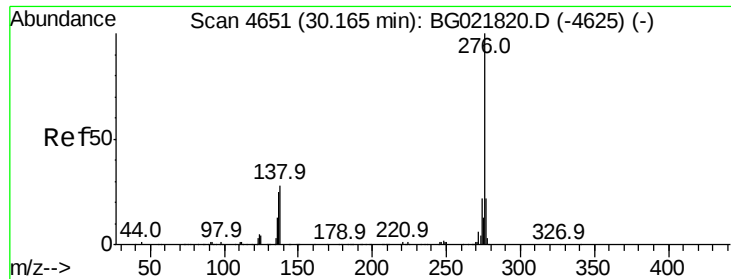
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#90
Indeno(1,2,3-cd)pyrene
Concen: 1.95 ng/ul
RT: 28.97 min Scan# 4447
Delta R.T. 0.01 min
Lab File: BG021823.D
Acq: 10 May 2016 19:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	15.8	23.6#
277	24.2	19.0	28.6





#92

Benzo(a,h,i)perylene

Concen: 1.86 ng/ul

RT: 30.16 min Scan# 4649

Delta R.T. 0.01 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

Instrument :

BNA_G

ClientSampleId :

D9XB1

Tot Ion:	276	Resp:	46435
Ion Ratio	Lower	Upper	
276	100		
138	32.6	13.9	20.9#
277	22.6	19.8	29.6

Manual Integrations
APPROVED

sohil
5/11/2016 8:27:49 PM

