

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
 Data File : BG021813.D
 Acq On : 10 May 2016 12:44
 Operator : UM/SJ
 Sample : H2938-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA1

Manual Integrations
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 5/11/2016 8:28:49 PM

Quant Time: May 11 11:22:42 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	36712	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	187871	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	119085	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	256179	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	267750	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	250089	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4906	6.45	ng/uL	0.00
5) Phenol-d5	7.33	99	91325	33.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	43531	32.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	85669	40.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	79872m	34.91	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	42586	34.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	36186	46.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	85937m	38.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	79531m	33.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	312012	37.30	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	437173	36.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	42095m	29.36	ng/ul	0.00
58) Fluorene-d10	15.79	176	300476	34.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	23934	33.73	ng/ul	0.00
71) Anthracene-d10	17.64	188	424502	34.04	ng/ul	0.00
77) Pyrene-d10	19.92	212	458840	36.61	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	422511	35.56	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.24	163	56218	6.60	ng/ul#	99
70) Phenanthrene	17.59	178	36507	2.61	ng/ul	97
75) Fluoranthene	19.58	202	104862	6.59	ng/ul	98
78) Pyrene	19.94	202	108936	7.03	ng/ul#	93
81) Benzo(a)anthracene	21.80	228	105346	7.07	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.70	149	98412	17.60	ng/ul	99
83) Chrysene	21.87	228	134736	9.14	ng/ul	96
86) Benzo(b)fluoranthene	24.10	252	278446	19.45	ng/ul#	96
87) Benzo(k)fluoranthene	24.16	252	94116m	6.14	ng/ul	
89) Benzo(a)pyrene	25.00	252	157101	11.02	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	28.97	276	141953	8.41	ng/ul#	88
91) Dibenzo(a,h)anthracene	29.02	278	53251m	3.79	ng/ul	
92) Benzo(g,h,i)perylene	30.16	276	133176	9.55	ng/ul#	89

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

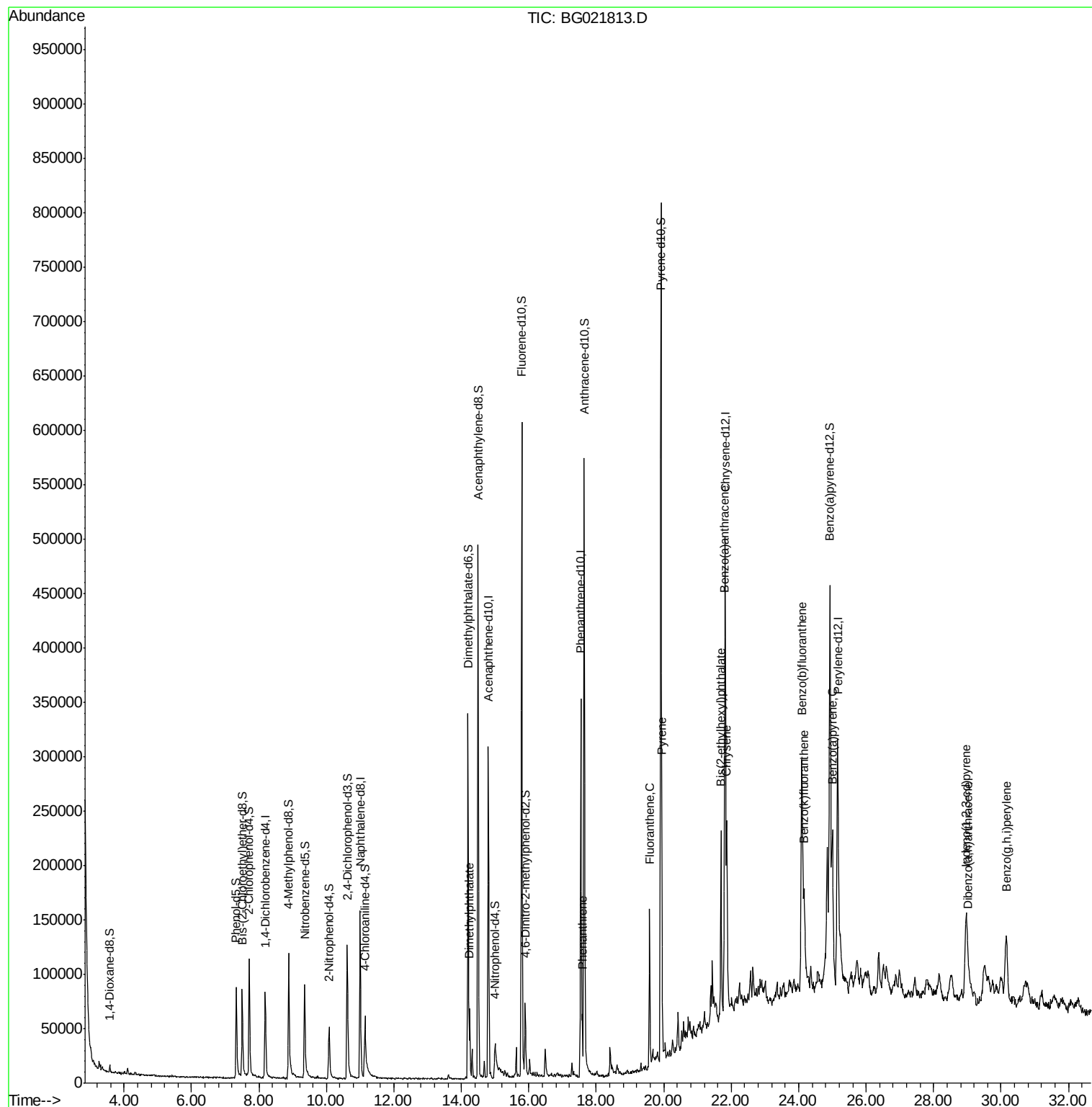
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
Data File : BG021813.D
Acq On : 10 May 2016 12:44
Operator : UM/SJ
Sample : H2938-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

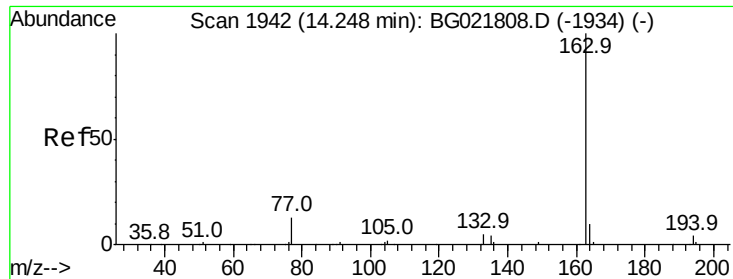
Instrument :
BNA_G
ClientSampled :
D9XA1

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Quant Time: May 11 11:22:42 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





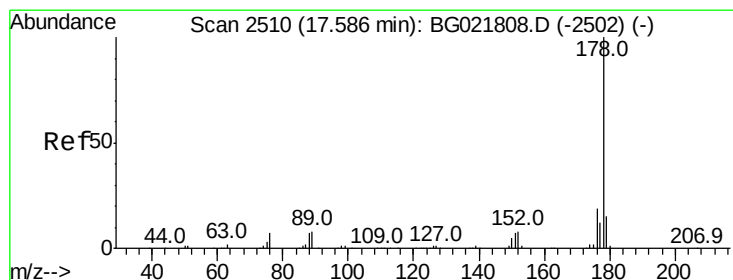
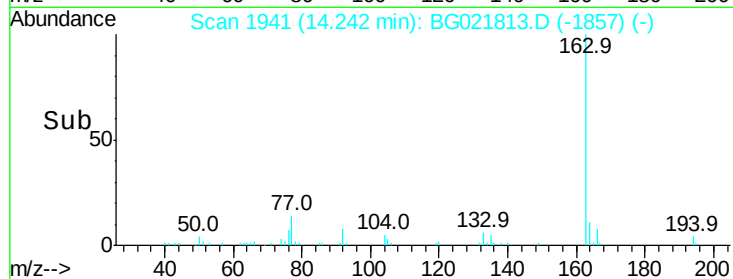
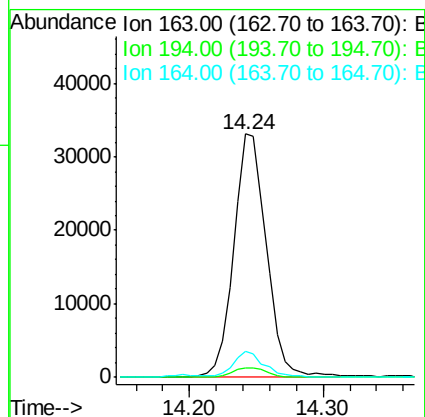
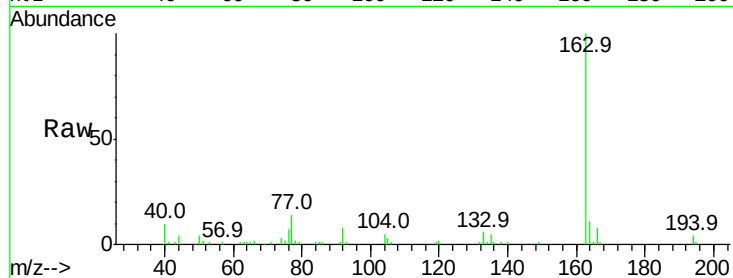
#45
 Dimethylphthalate
 Concen: 6.60 ng/ul
 RT: 14.24 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG021813.D
 Acq: 10 May 2016 12:44

Instrument :
 BNA_G
 ClientSampleId :
 D9XA1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	56218		
194	3.7		3.9	5.9#
164	10.9		8.7	13.1

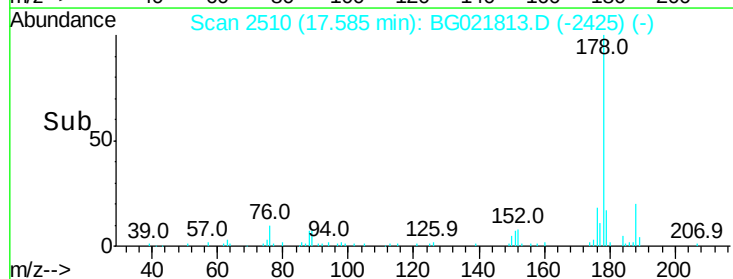
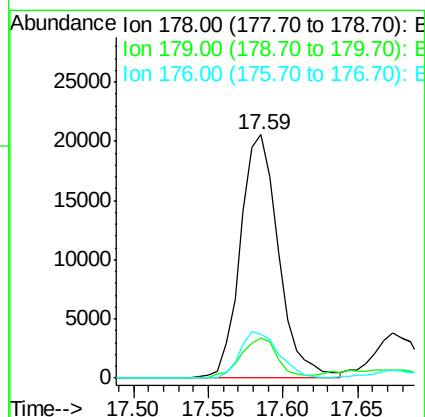
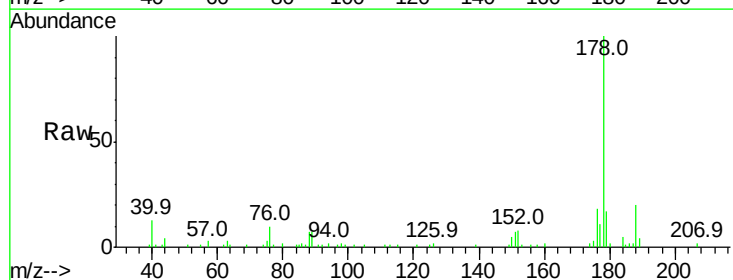
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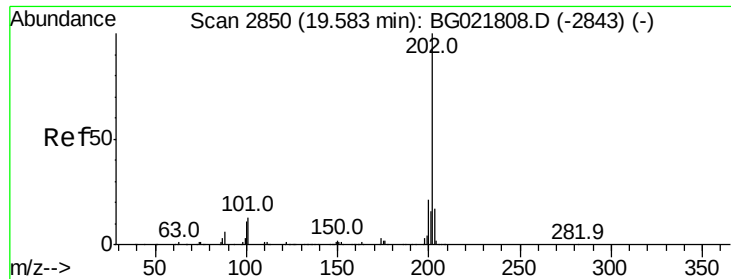
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#70
 Phenanthrene
 Concen: 2.61 ng/ul
 RT: 17.59 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG021813.D
 Acq: 10 May 2016 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	36507		
179	16.7		11.8	17.8
176	17.8		14.8	22.2





#75

Fluoranthene

Concen: 6.59 ng/ul

RT: 19.58 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG021813.D

Acq: 10 May 2016 12:44

Instrument :

BNA_G

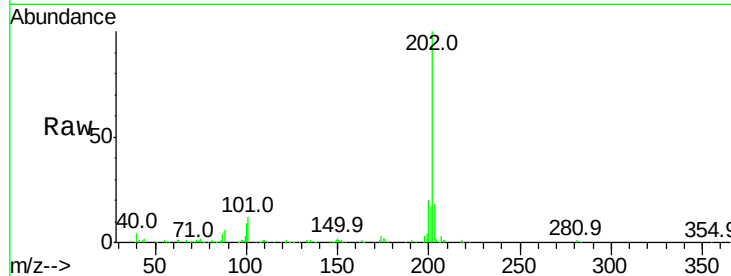
ClientSampleId :

D9XA1

Tot Ion:	202	Resp:	104862
Ion Ratio	Lower	Upper	
202	100		
101	12.3	8.9	13.3
100	9.2	7.0	10.4

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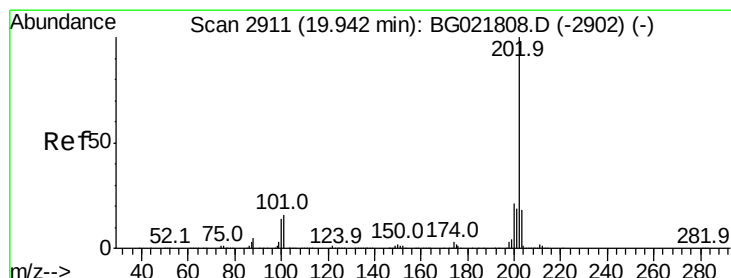
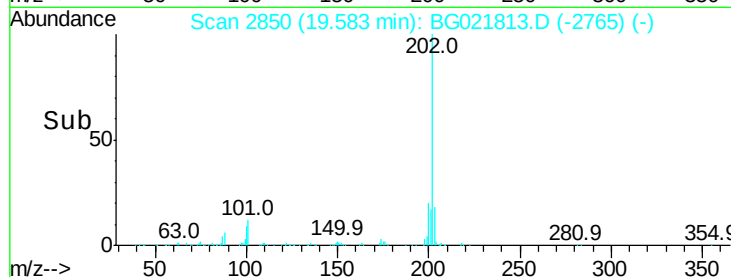
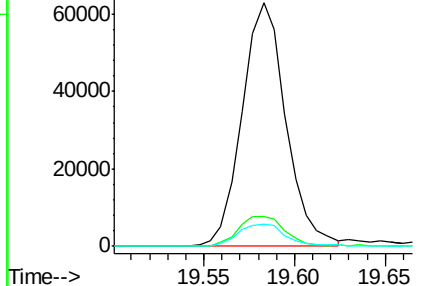
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#78

Pyrene

Concen: 7.03 ng/ul

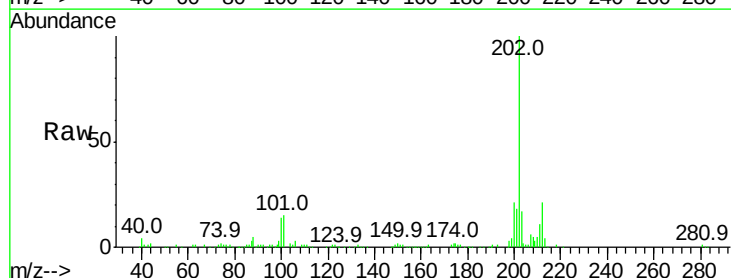
RT: 19.94 min Scan# 2911

Delta R.T. -0.00 min

Lab File: BG021813.D

Acq: 10 May 2016 12:44

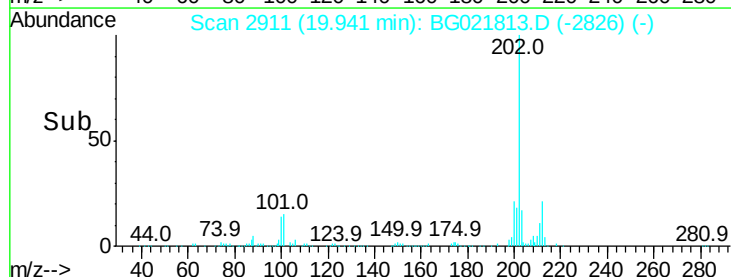
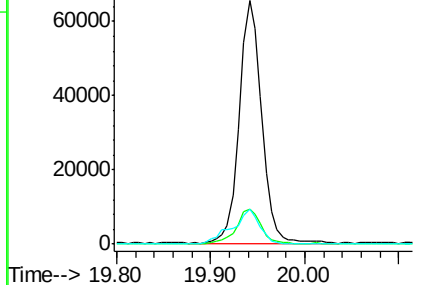
Tgt Ion:	202	Resp:	108936
Ion Ratio	Lower	Upper	
202	100		
101	14.6	9.8	14.8
100	14.5	9.3	13.9#

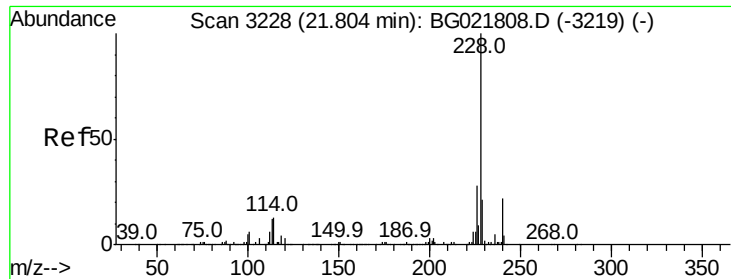


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





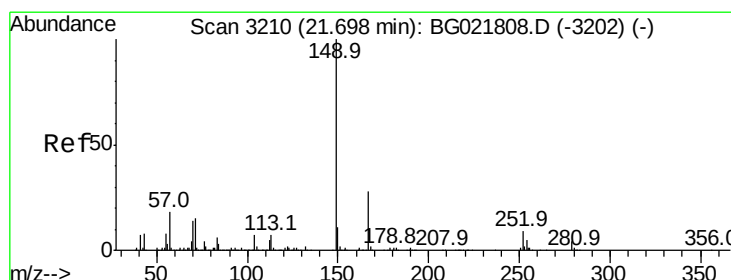
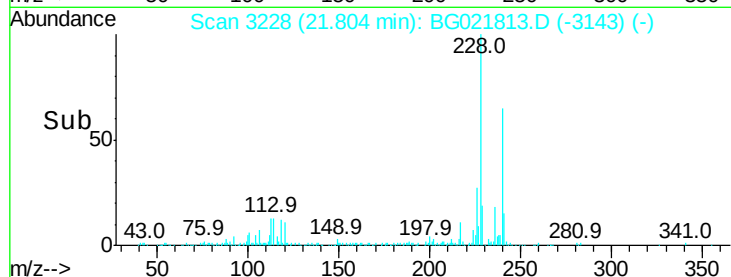
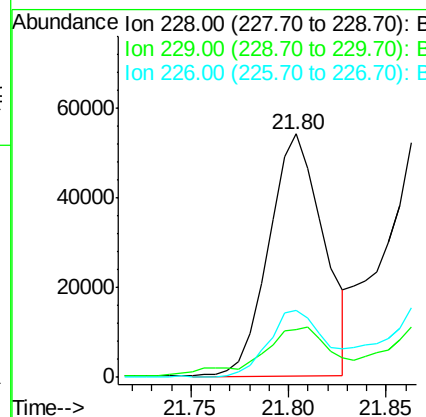
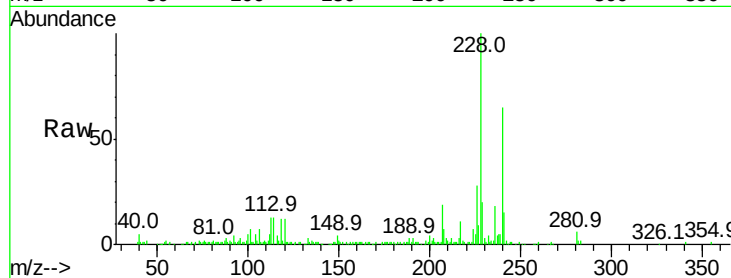
#81
Benzo(a)anthracene
Concen: 7.07 ng/ul
RT: 21.80 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Instrument :
BNA_G
ClientSampleId :
D9XA1

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.6	25.0
226	27.5	21.0	31.4

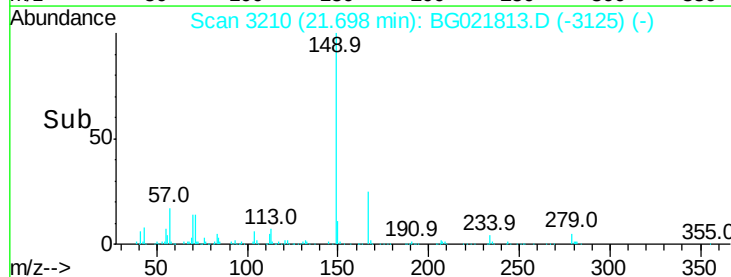
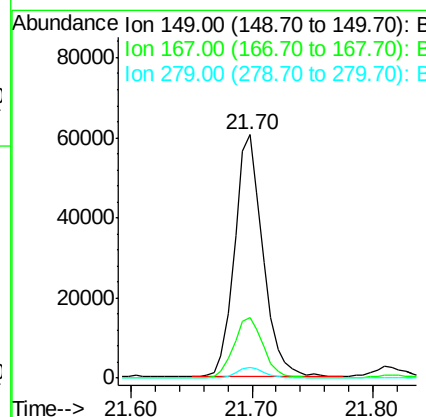
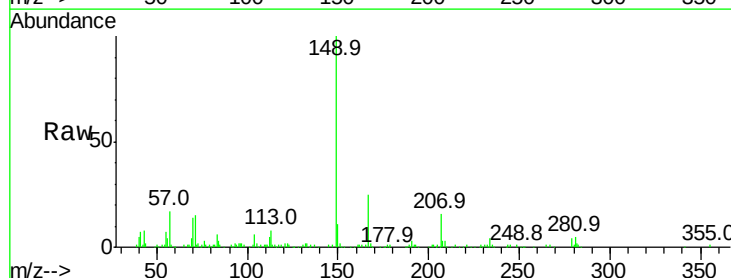
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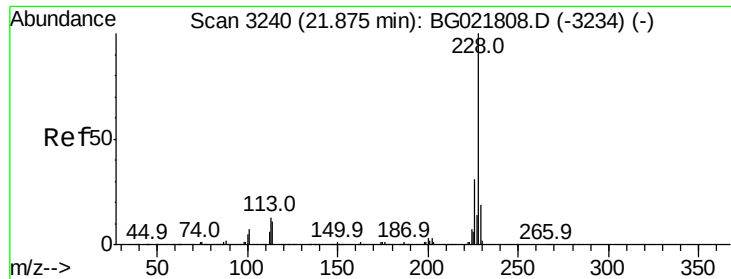
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#82
Bis(2-ethylhexyl)phthalate
Concen: 17.60 ng/ul
RT: 21.70 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.5	30.7
279	4.5	3.7	5.5





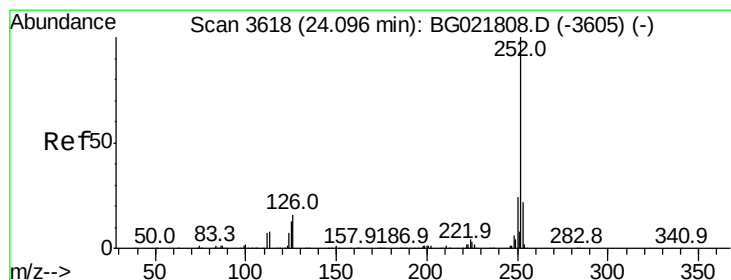
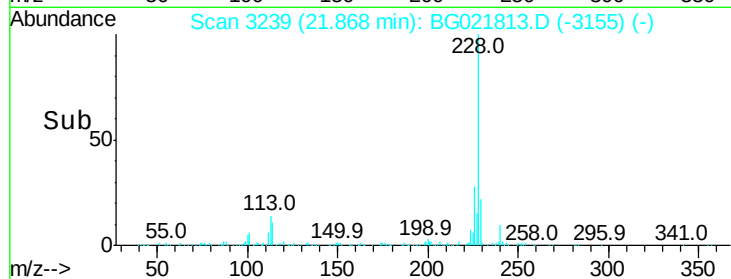
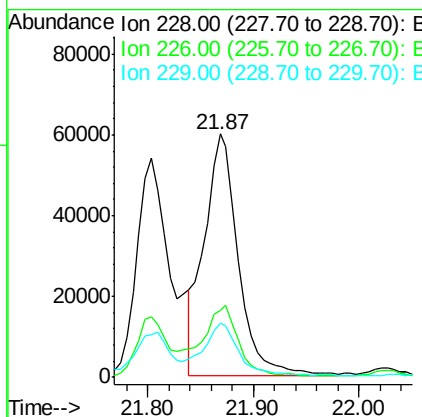
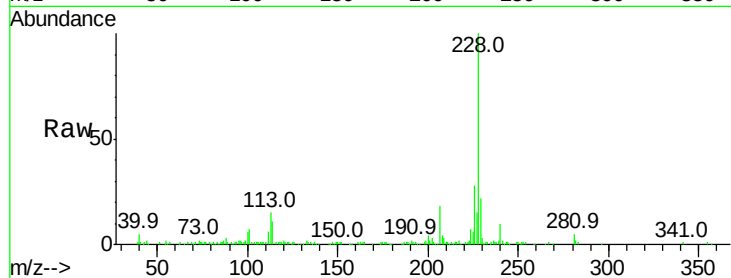
#83
Chrysene
Concen: 9.14 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Instrument :
BNA_G
ClientSampleId :
D9XA1

Tot Ion:228	Resp:	134736
Ion Ratio	Lower	Upper
228 100		
226 27.7	23.4	35.2
229 22.4	16.2	24.2

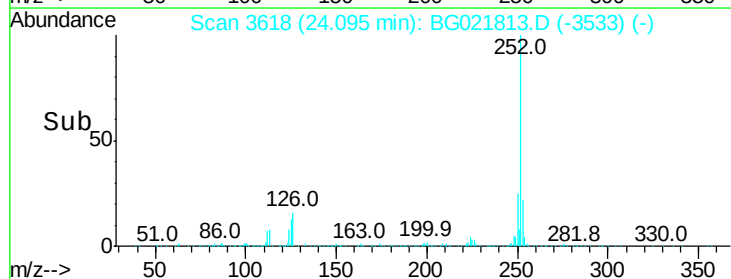
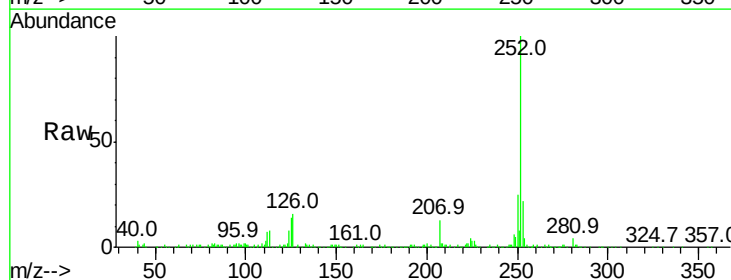
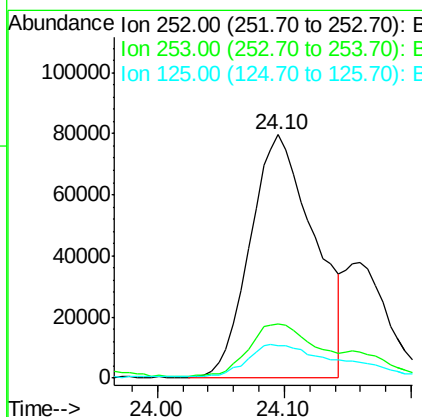
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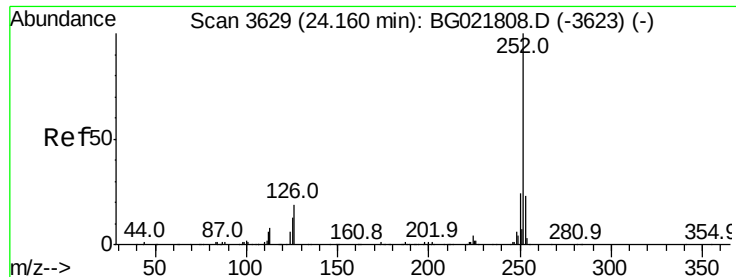
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#86
Benzo(b)fluoranthene
Concen: 19.45 ng/ul
RT: 24.10 min Scan# 3618
Delta R.T. -0.00 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Tgt Ion:252	Resp:	278446
Ion Ratio	Lower	Upper
252 100		
253 22.3	18.1	27.1
125 13.6	7.6	11.4





#87

Benzo(k)fluoranthene

Concen: 6.14 ng/ul m

RT: 24.16 min Scan# 3629

Delta R.T. -0.00 min

Lab File: BG021813.D

Acq: 10 May 2016 12:44

Instrument :

BNA_G

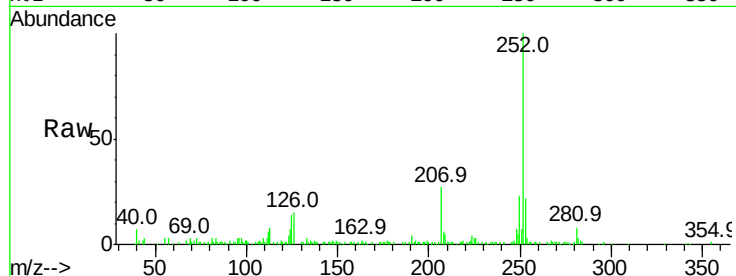
ClientSampleId :

D9XA1

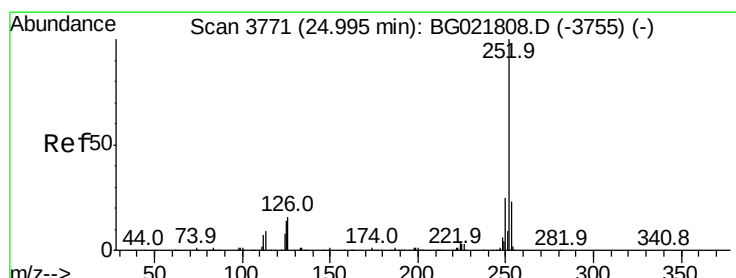
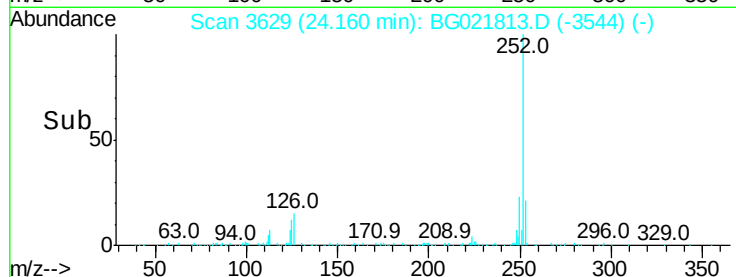
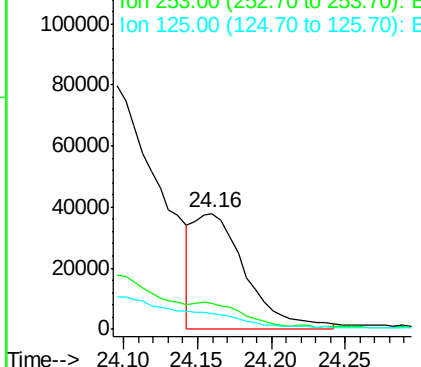
Tot Ion:	252	Resp:	94116
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	13.6	7.7	11.5#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 11.02 ng/ul

RT: 25.00 min Scan# 3772

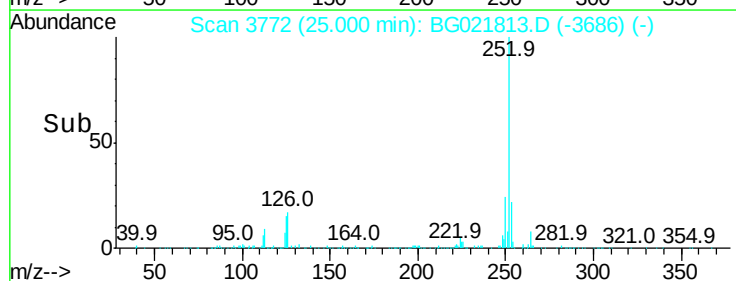
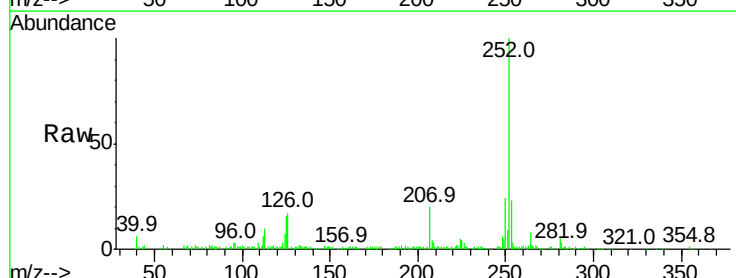
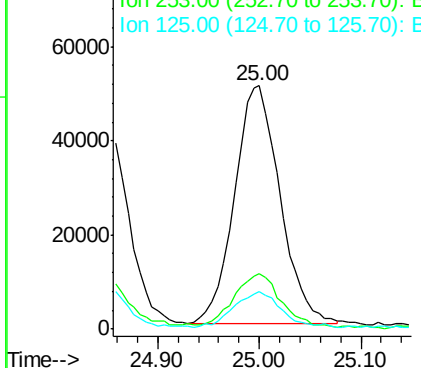
Delta R.T. 0.01 min

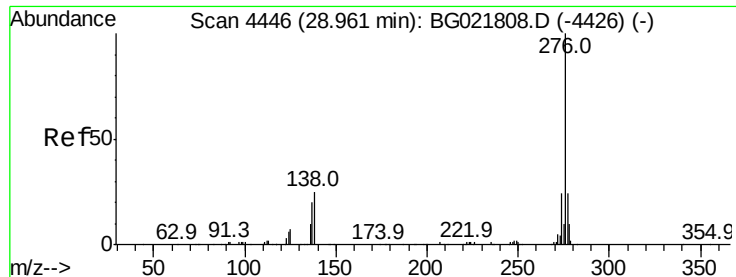
Lab File: BG021813.D

Acq: 10 May 2016 12:44

Tgt Ion:	252	Resp:	157101
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	15.6	8.2	12.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





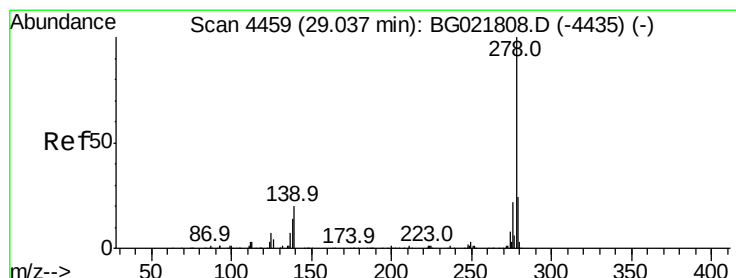
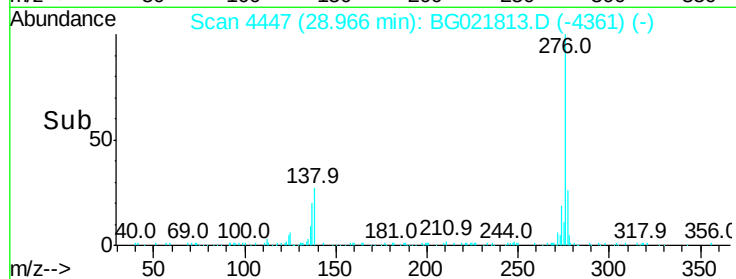
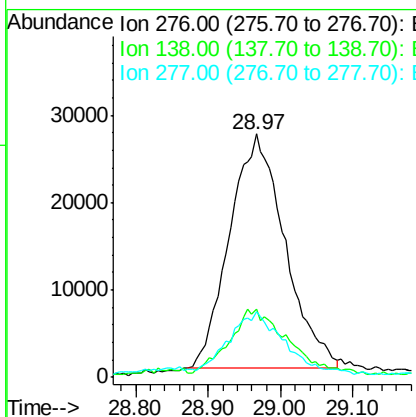
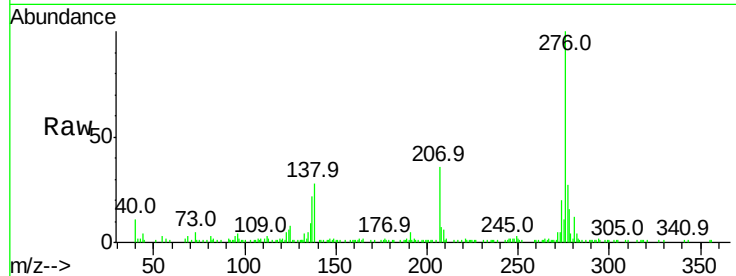
#90
 Indeno(1,2,3-cd)pyrene
 Concen: 8.41 ng/ul
 RT: 28.97 min Scan# 4447
 Delta R.T. 0.01 min
 Lab File: BG021813.D
 Acq: 10 May 2016 12:44

Instrument :
 BNA_G
 ClientSampled :
 D9XA1

Tot Ion	Ratio	Resp	Lower	Upper
276	100	141953		
138	27.9	15.8	23.6#	
277	26.9	19.0	28.6	

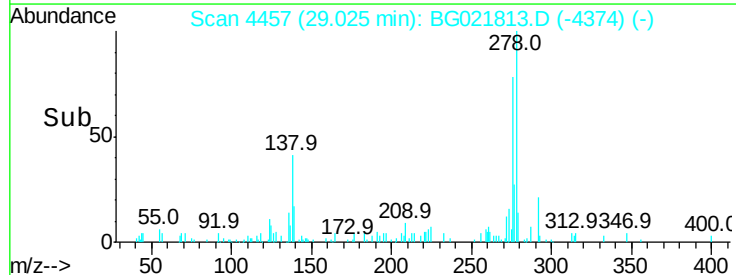
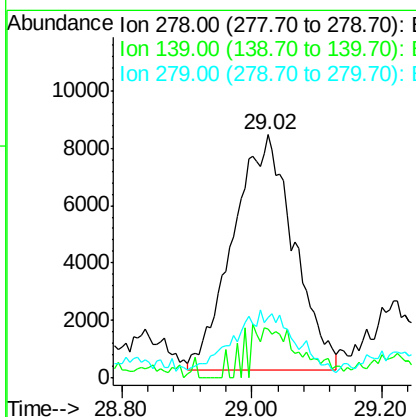
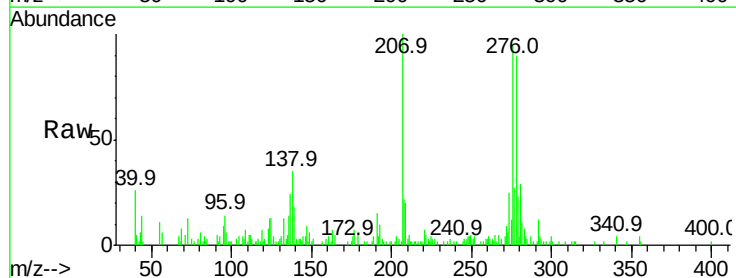
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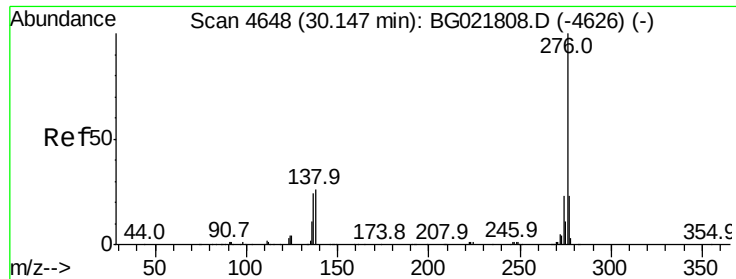
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#91
 Dibenzo(a,h)anthracene
 Concen: 3.79 ng/ul m
 RT: 29.02 min Scan# 4457
 Delta R.T. -0.01 min
 Lab File: BG021813.D
 Acq: 10 May 2016 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	53251		
139	20.4	12.1	18.1#	
279	25.0	19.8	29.8	





#92
 Benzo(a,h,i)perylene
 Concen: 9.55 ng/ul
 RT: 30.16 min Scan# 4650
 Delta R.T. 0.01 min
 Lab File: BG021813.D
 Acq: 10 May 2016 12:44

Instrument :
 BNA_G
 ClientSampleId :
 D9XA1

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.1	13.9	20.9#
277	24.9	19.8	29.6

Manual Integrations
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