

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
 Data File : BG021961.D
 Acq On : 19 May 2016 13:31
 Operator : UM/SJ
 Sample : H3092-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB6

Manual Integrations
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 5/20/2016 7:16:57 PM

Quant Time: May 20 06:04:11 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 05:44:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	35867	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	181118	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	103023	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.52	188	211048	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	189703	20.00	ng/ul	0.00
34) Perylene-d12	25.13	264	176652	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.55	96	1819	2.33	ng/uL	0.00
3) Phenol-d5	7.31	99	40840	12.90	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	23639	14.01	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	37579	14.45	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	24056	8.53	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	20443m	16.09	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	19526	14.40	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	34100	14.23	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	13541	7.17	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	128228	16.14	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	173833	16.99	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	6055m	4.33	ng/ul	0.02
21) Fluorene-d10	15.77	176	116340	16.27	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.88	200	9286	8.87	ng/ul	0.00
26) Anthracene-d10	17.62	188	164166	16.88	ng/ul	0.00
30) Pyrene-d10	19.90	212	171793	17.16	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	135197	17.23	ng/ul	0.00

Target Compounds

						Qvalue
11) Naphthalene	11.02	128	11837	1.34	ng/ul	98
25) Phenanthrene	17.57	178	100203	8.88	ng/ul	97
27) Anthracene	17.66	178	16939	1.49	ng/ul	98
28) Fluoranthene	19.57	202	174479	14.88	ng/ul#	95
31) Pyrene	19.93	202	147869m	11.32	ng/ul	
32) Benzo(a)anthracene	21.79	228	75802	7.20	ng/ul	97
33) Chrysene	21.85	228	71104	6.95	ng/ul	95
35) Benzo(b)fluoranthene	24.07	252	97116	9.56	ng/ul#	93
36) Benzo(k)fluoranthene	24.14	252	36418m	3.65	ng/ul	
38) Benzo(a)pyrene	24.97	252	58633	6.04	ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	28.94	276	41766	3.78	ng/ul#	92
40) Dibenzo(a,h)anthracene	28.98	278	13604m	1.49	ng/ul	
41) Benzo(g,h,i)perylene	30.13	276	44122m	4.72	ng/ul	

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

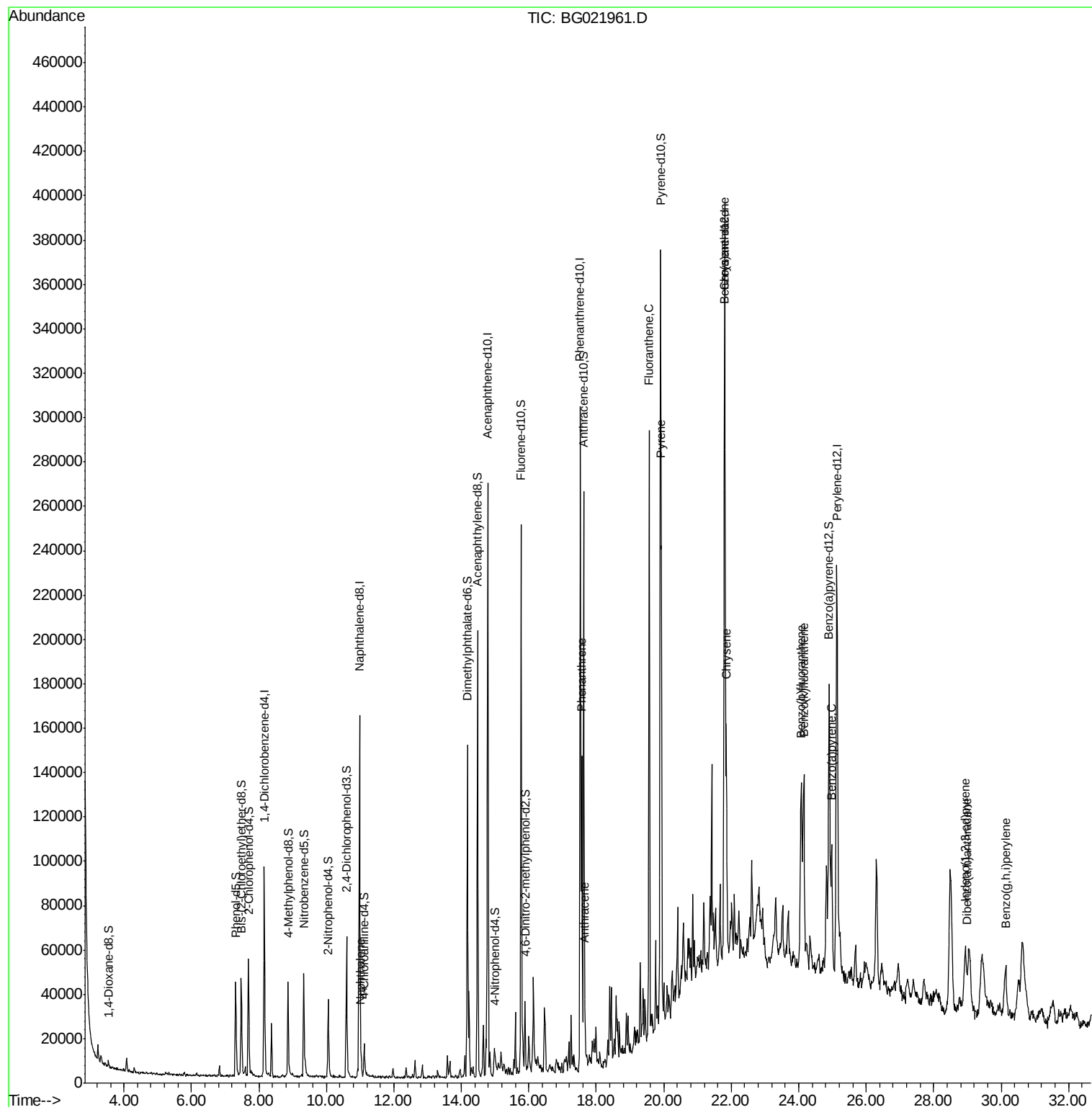
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
Data File : BG021961.D
Acq On : 19 May 2016 13:31
Operator : UM/SJ
Sample : H3092-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

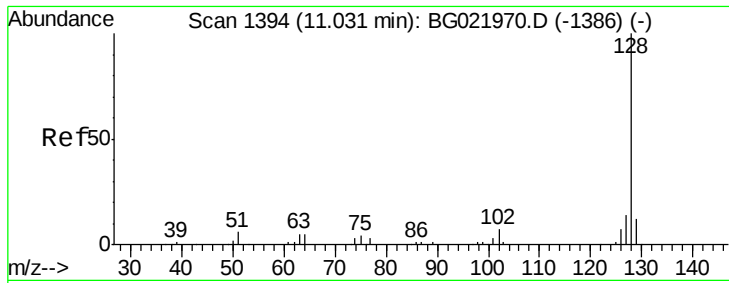
Instrument :
BNA_G
ClientSampleId :
D9XB6

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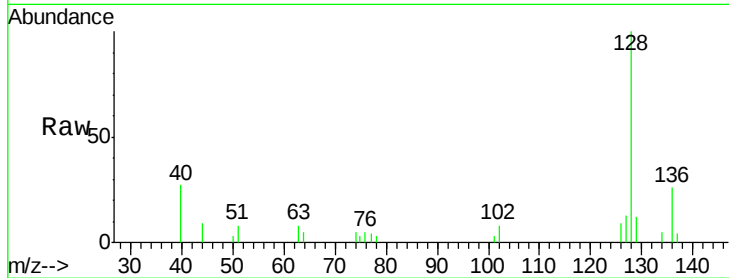
#11
Naphthalene
Concen: 1.34 ng/ul
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG021961.D
Acq: 19 May 2016 13:31

Instrument :
BNA_G
ClientSampleId :
D9XB6

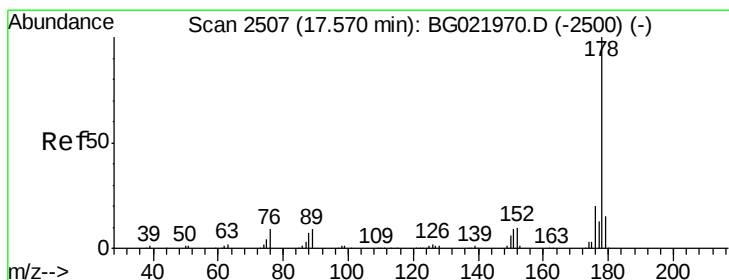
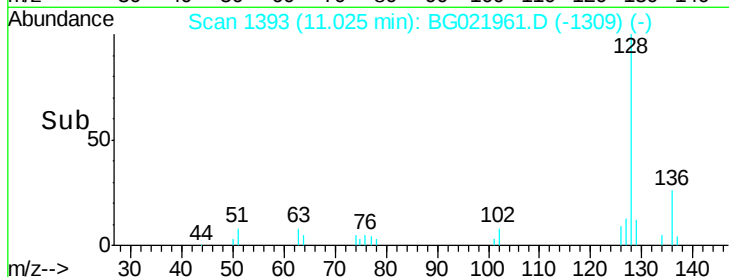
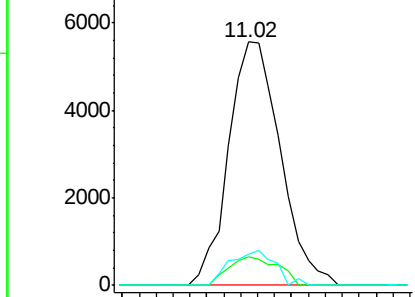
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	11837		
129	11.5	8.3	12.5	
127	12.9	10.8	16.2	

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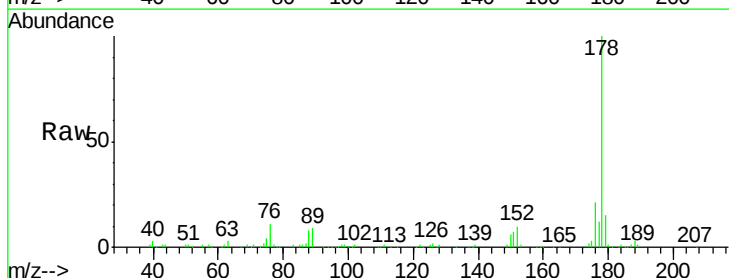


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Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

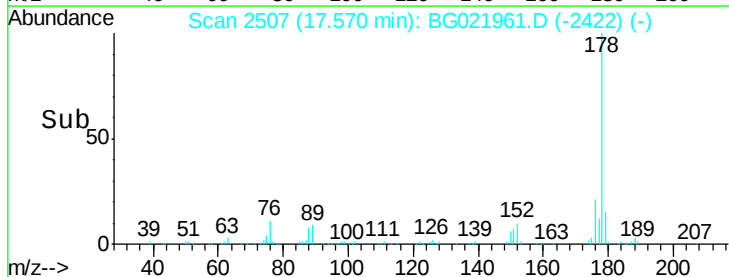
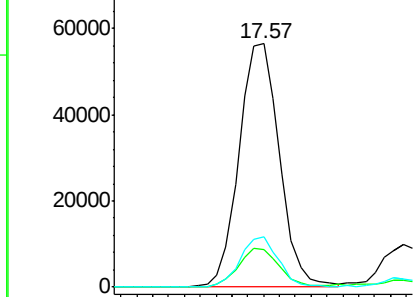


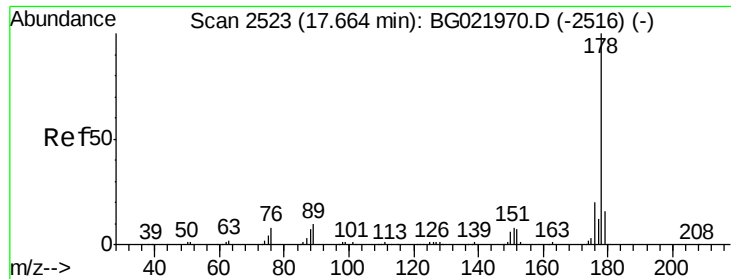
#25
Phenanthrene
Concen: 8.88 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG021961.D
Acq: 19 May 2016 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	100203		
179	15.2	11.8	17.8	
176	20.7	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





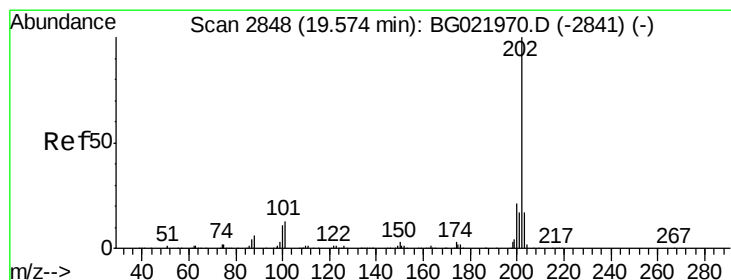
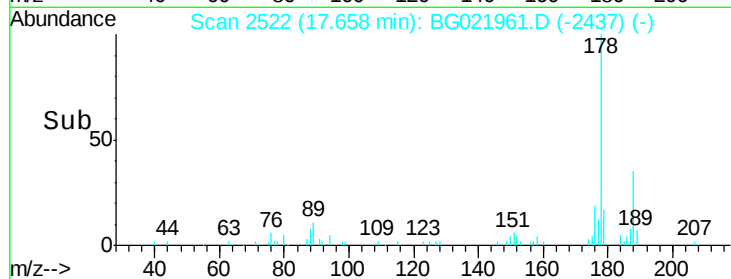
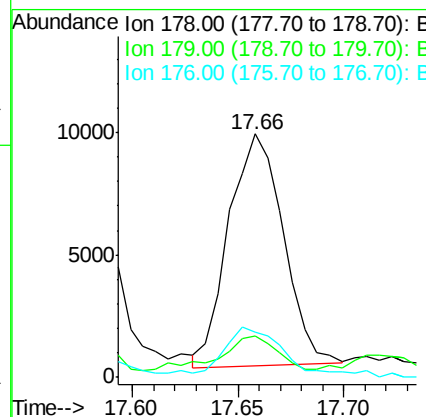
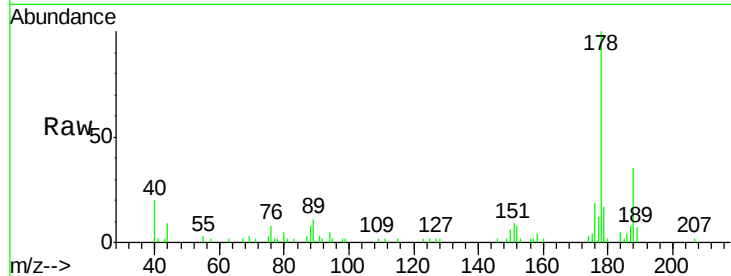
#27
 Anthracene
 Concen: 1.49 ng/ul
 RT: 17.66 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: BG021961.D
 Acq: 19 May 2016 13:31

Instrument :
 BNA_G
 ClientSampleId :
 D9XB6

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	16939		
179	17.0	12.9	19.3	
176	18.8	15.6	23.4	

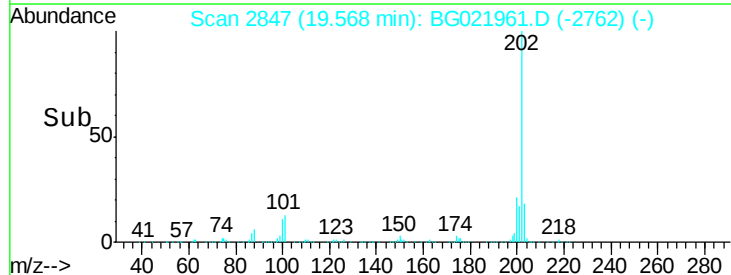
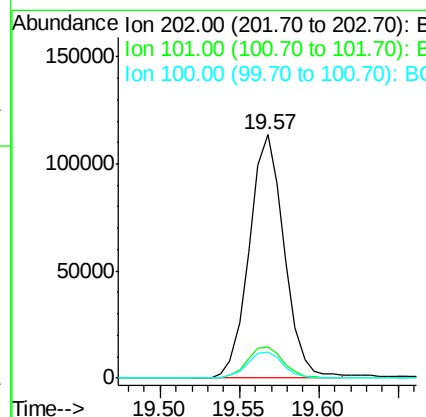
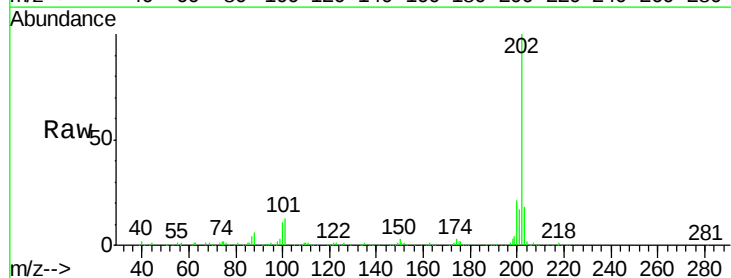
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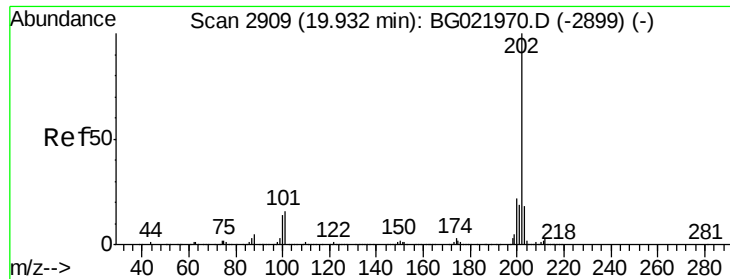
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#28
 Fluoranthene
 Concen: 14.88 ng/ul
 RT: 19.57 min Scan# 2847
 Delta R.T. -0.00 min
 Lab File: BG021961.D
 Acq: 19 May 2016 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	174479		
101	13.0	8.9	13.3	
100	10.7	7.0	10.4	





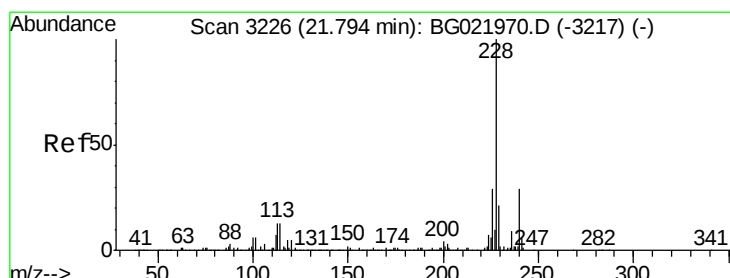
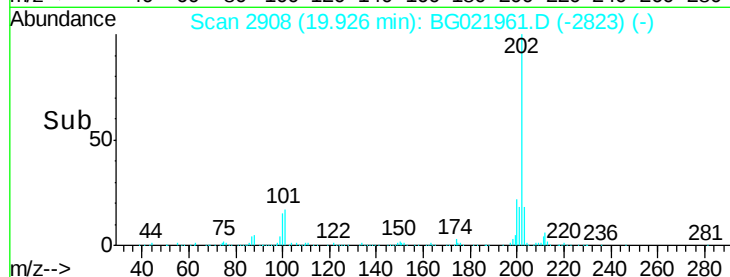
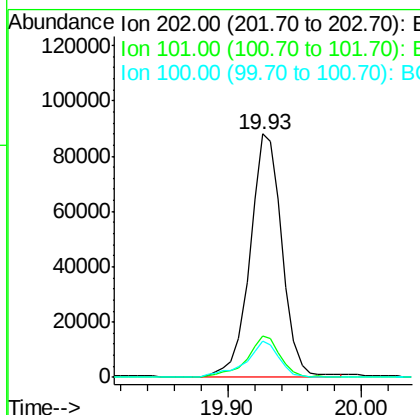
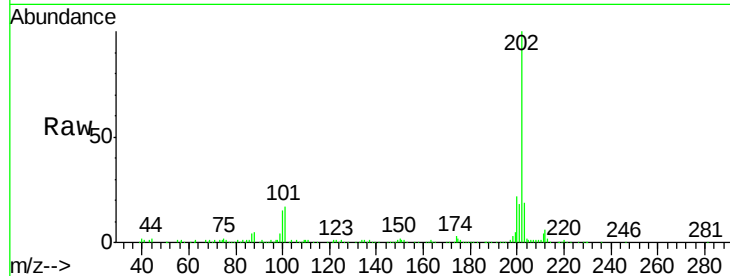
#31
 Pyrene
 Concen: 11.32 ng/ul m
 RT: 19.93 min Scan# 2908
 Delta R.T. -0.00 min
 Lab File: BG021961.D
 Acq: 19 May 2016 13:31

Instrument :
 BNA_G
 ClientSampleId :
 D9XB6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.1	9.8	14.8#
100	14.6	9.3	13.9#

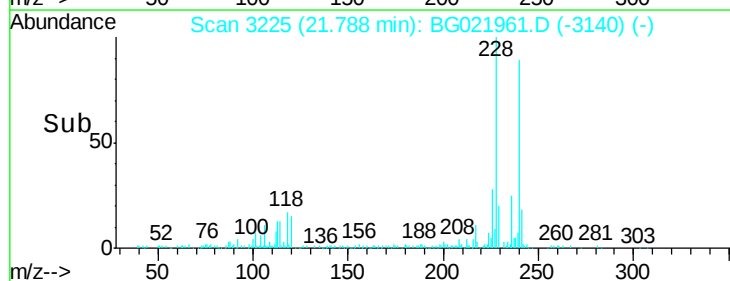
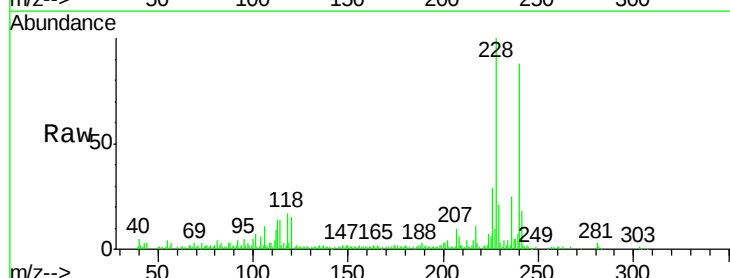
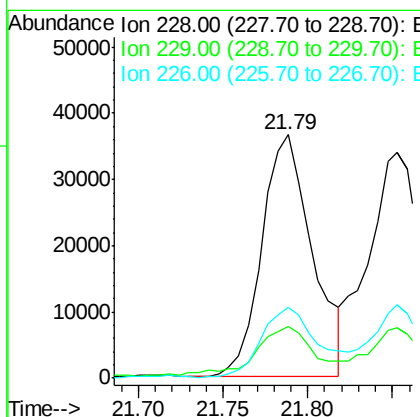
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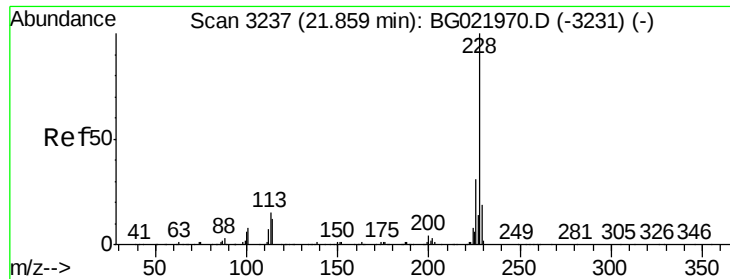
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#32
 Benzo(a)anthracene
 Concen: 7.20 ng/ul
 RT: 21.79 min Scan# 3225
 Delta R.T. -0.00 min
 Lab File: BG021961.D
 Acq: 19 May 2016 13:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.3	16.6	25.0
226	28.9	21.0	31.4





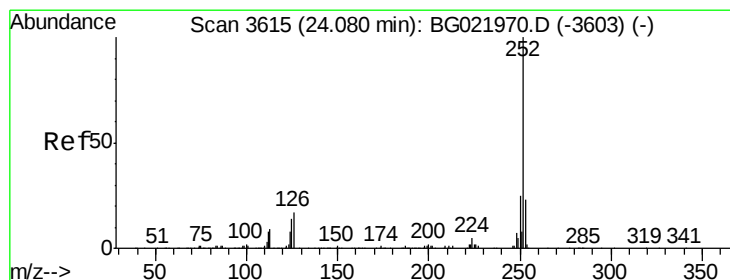
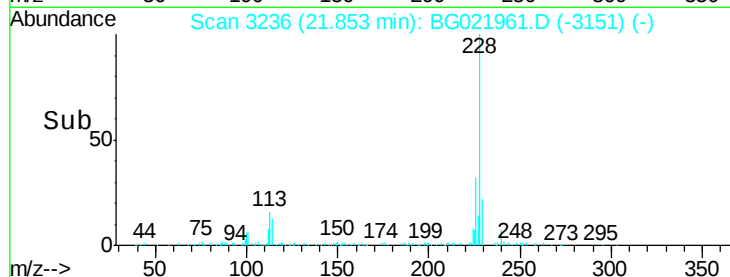
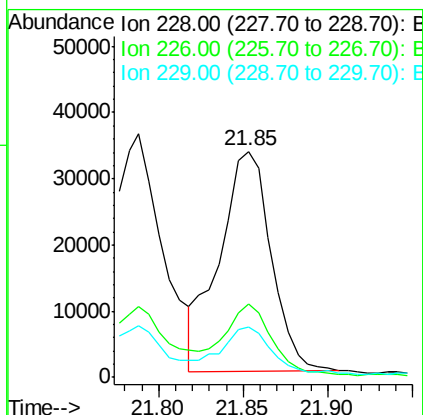
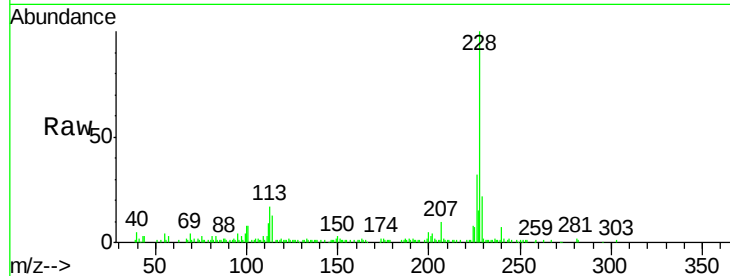
#33
Chrysene
Concen: 6.95 ng/ul
RT: 21.85 min Scan# 3236
Delta R.T. -0.00 min
Lab File: BG021961.D
Acq: 19 May 2016 13:31

Instrument :
BNA_G
ClientSampleId :
D9XB6

Tgt Ion:	228	Resp:	71104
Ion Ratio	Lower	Upper	
228	100		
226	32.2	23.4	35.2
229	22.5	16.2	24.2

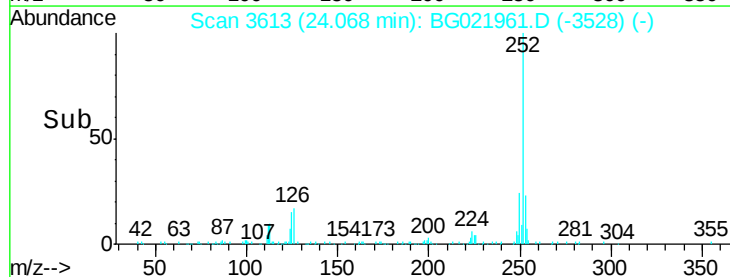
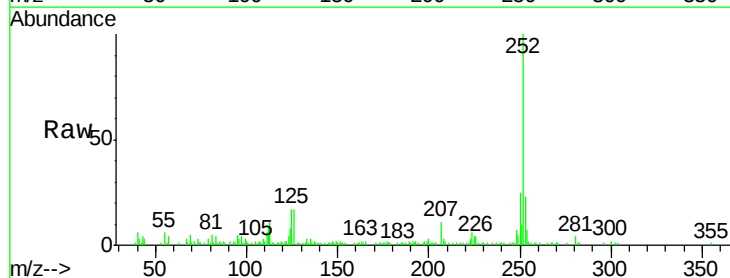
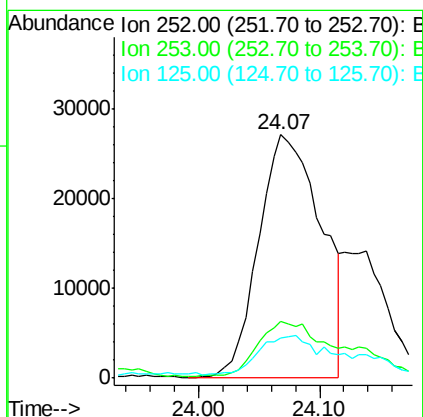
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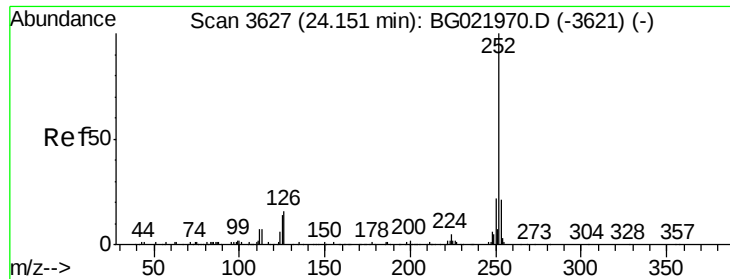
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#35
Benzo(b)fluoranthene
Concen: 9.56 ng/ul
RT: 24.07 min Scan# 3613
Delta R.T. -0.00 min
Lab File: BG021961.D
Acq: 19 May 2016 13:31

Tgt Ion:	252	Resp:	97116
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.1	27.1
125	16.6	7.6	11.4#





#36

Benzo(k)fluoranthene

Concen: 3.65 ng/ul m

RT: 24.14 min Scan# 3625

Delta R.T. -0.00 min

Lab File: BG021961.D

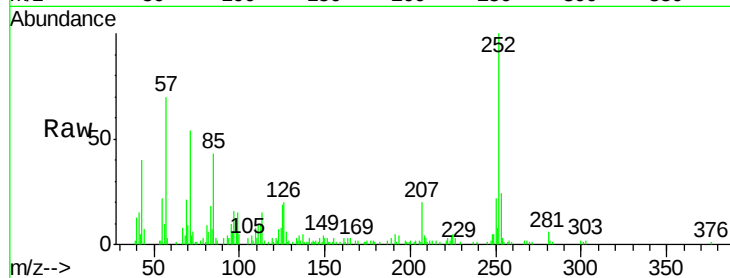
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Instrument :

BNA_G

ClientSampleId :

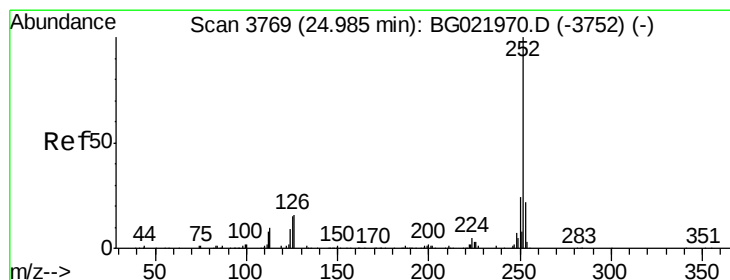
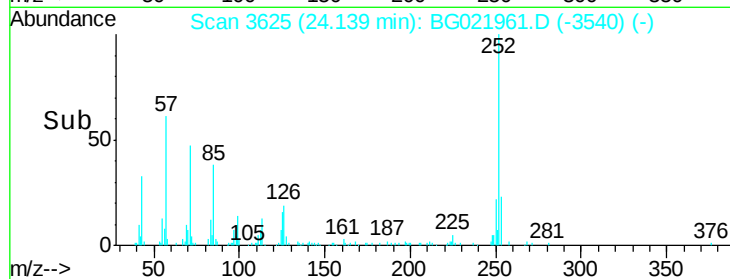
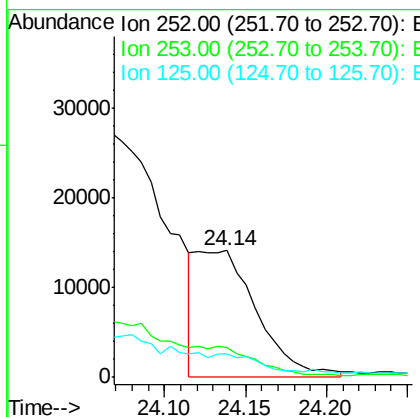
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Tgt Ion:	252	Resp:	36418
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.8
125	18.8	7.7	11.5#

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#38

Benzo(a)pyrene

Concen: 6.04 ng/ul

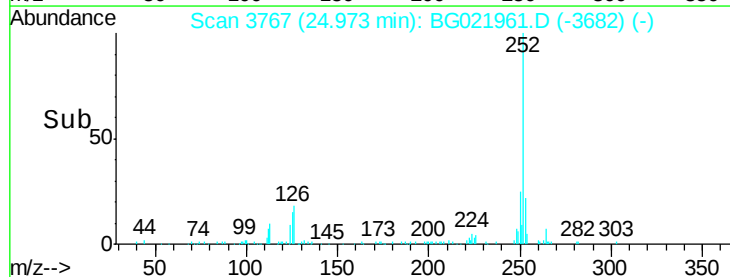
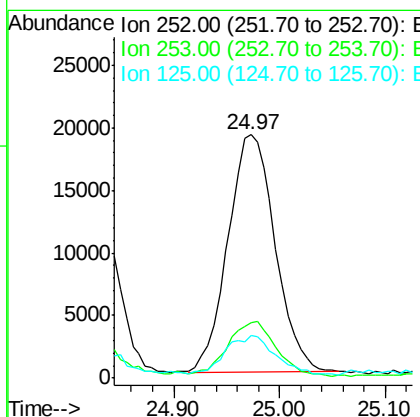
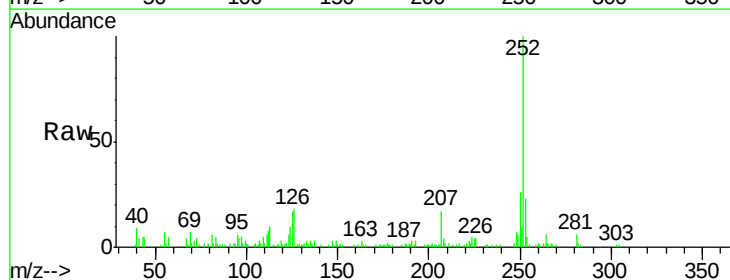
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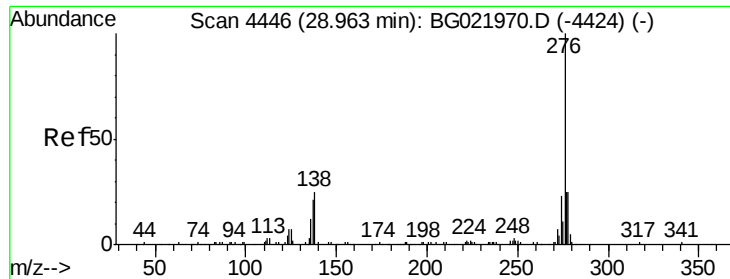
Delta R.T. -0.00 min

Lab File: BG021961.D

Acq: 19 May 2016 13:31

Tgt Ion:	252	Resp:	58633
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	17.3	8.2	12.2#





#39

Indeno(1,2,3-cd)pyrene

Concen: 3.78 ng/ul

RT: 28.94 min Scan# 4442

Delta R.T. 0.00 min

Lab File: BG021961.D

Acq: 19 May 2016 13:31

Instrument :

BNA_G

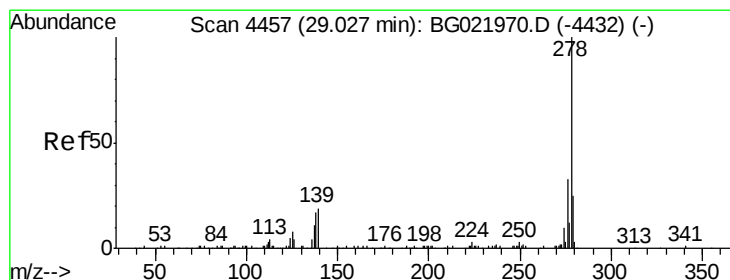
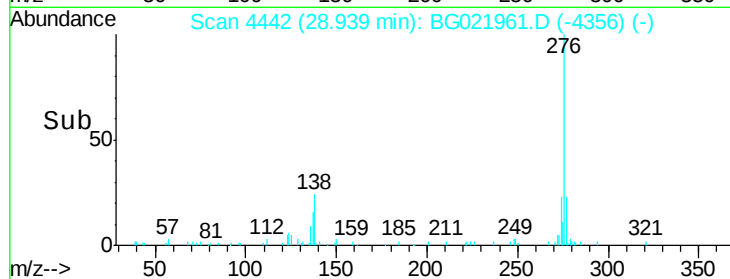
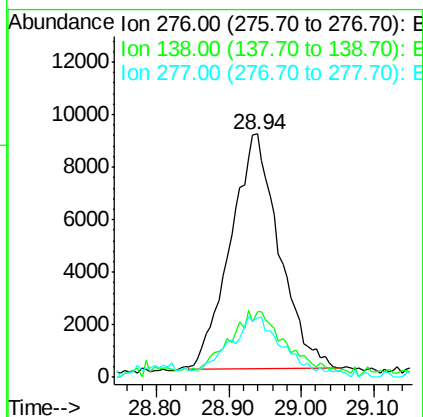
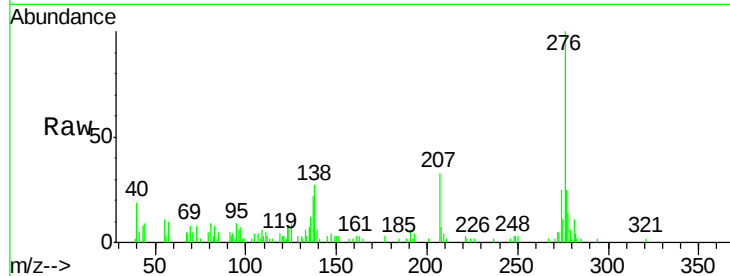
ClientSampleId :

D9XB6

Tgt Ion:	276	Resp:	41766
Ion Ratio	Lower	Upper	
276	100		
138	26.8	15.8	23.6#
277	24.6	19.0	28.6

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#40

Dibenzo(a,h)anthracene

Concen: 1.49 ng/ul m

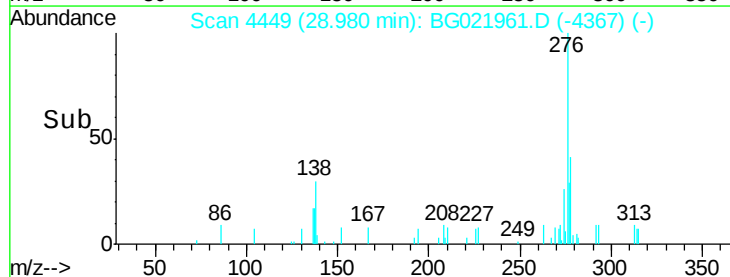
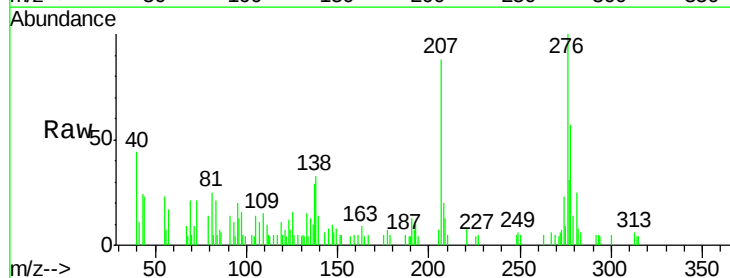
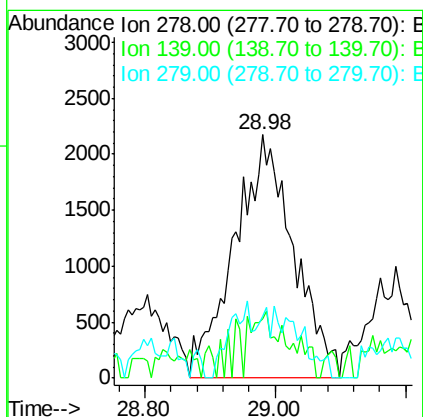
RT: 28.98 min Scan# 4449

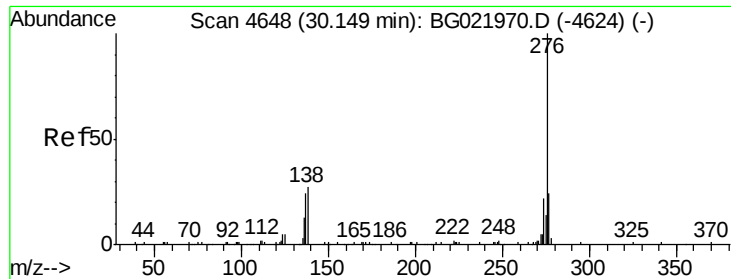
Delta R.T. -0.02 min

Lab File: BG021961.D

Acq: 19 May 2016 13:31

Tgt Ion:	278	Resp:	13604
Ion Ratio	Lower	Upper	
278	100		
139	24.5	12.1	18.1#
279	25.3	19.8	29.8





#41

Benzo(g,h,i)perylene

Concen: 4.72 ng/ul m

RT: 30.13 min Scan# 4644

Delta R.T. -0.00 min

Lab File: BG021961.D

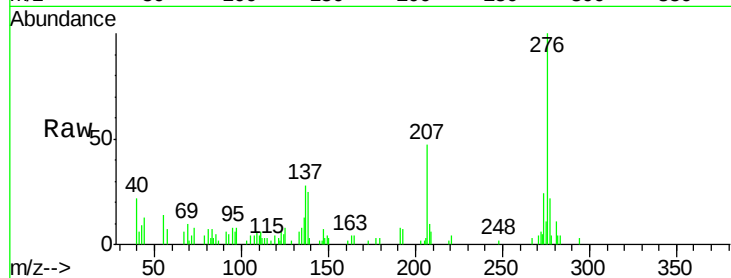
Acq: 19 May 2016 13:31

Instrument :

BNA_G

ClientSampleId :

D9XB6



Tgt Ion:	276	Resp:	44122
Ion Ratio	Lower	Upper	
276	100		
138	25.5	13.9	20.9#
277	22.0	19.8	29.6

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