

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021880.D
 Acq On : 12 May 2016 22:36
 Operator : UM/SJ
 Sample : H2936-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK7

Manual Integrations
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Quant Time: May 13 07:57:44 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	70104	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	379667	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	233037	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	484938	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	470801	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	476004	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	5233	3.60	ng/uL	0.00
5) Phenol-d5	7.32	99	134667	25.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	60395	23.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	118754	29.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	116942m	26.76	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	63684	25.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	68354	43.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	127535	28.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	81044m	16.88	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	392992	24.01	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	524293	22.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	63792m	22.74	ng/ul	0.00
58) Fluorene-d10	15.78	176	359194	20.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	40327	30.02	ng/ul	0.00
71) Anthracene-d10	17.64	188	503400	21.33	ng/ul	0.00
77) Pyrene-d10	19.91	212	511816	23.22	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	495895	21.93	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.24	163	81901	4.91	ng/ul	98
70) Phenanthrene	17.58	178	122702	4.63	ng/ul	97
72) Anthracene	17.67	178	30574	1.14	ng/ul	98
74) Di-n-butylphthalate	18.49	149	50855	2.40	ng/ul#	96
75) Fluoranthene	19.58	202	254071	8.43	ng/ul#	95
78) Pyrene	19.94	202	227103	8.34	ng/ul	94
79) Butylbenzylphthalate	20.82	149	14585m	2.42	ng/ul	
81) Benzo(a)anthracene	21.80	228	159653	6.09	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.69	149	171787	17.48	ng/ul	96
83) Chrysene	21.88	228	159616	6.16	ng/ul	97
86) Benzo(b)fluoranthene	24.10	252	279161	10.25	ng/ul#	94
87) Benzo(k)fluoranthene	24.15	252	108731m	3.73	ng/ul	
89) Benzo(a)pyrene	25.01	252	166418	6.14	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	28.99	276	113681	3.54	ng/ul	96
91) Dibenzo(a,h)anthracene	29.03	278	36277m	1.36	ng/ul	
92) Benzo(g,h,i)perylene	30.18	276	100840m	3.80	ng/ul	

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

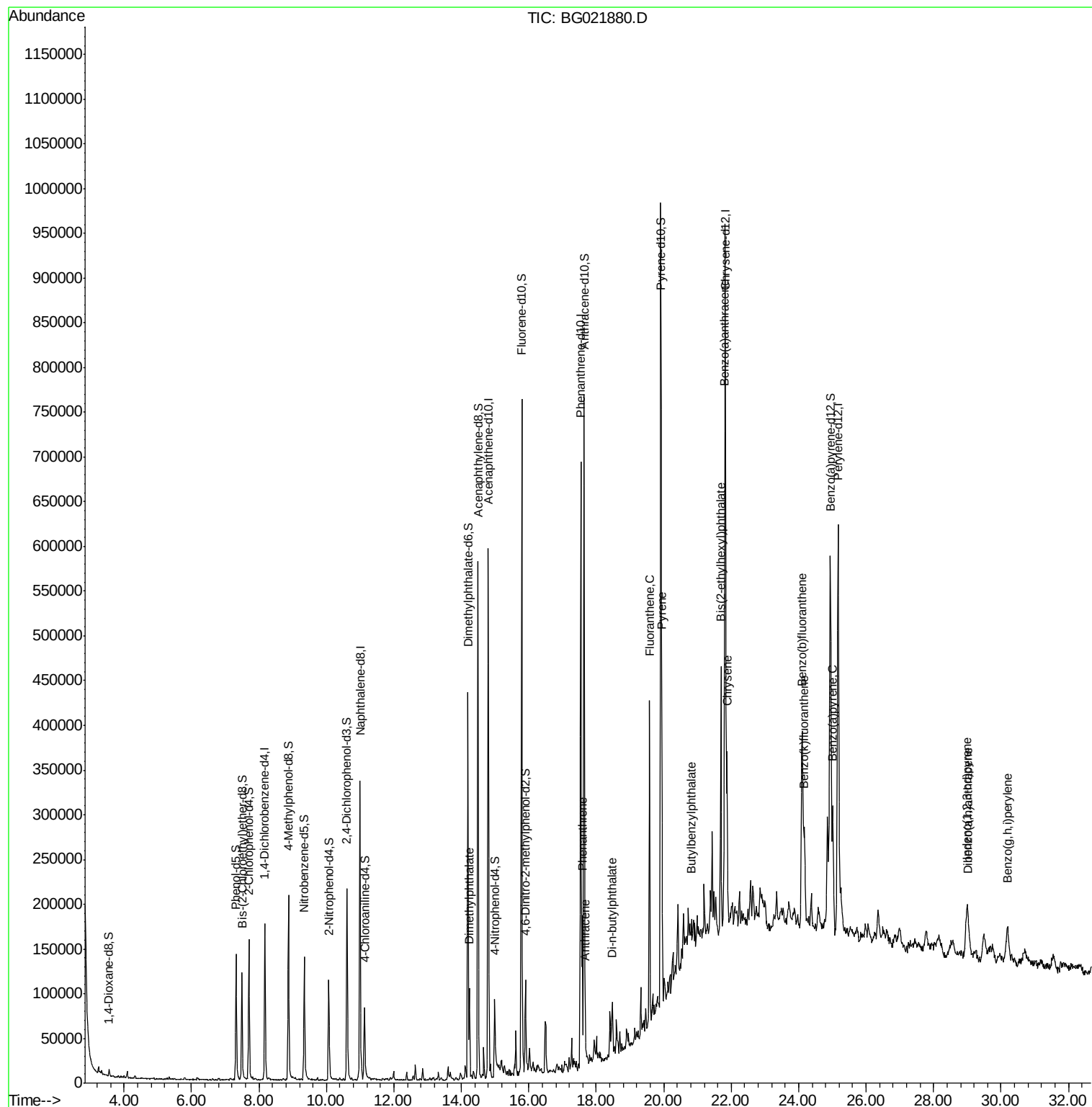
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021880.D
Acq On : 12 May 2016 22:36
Operator : UM/SJ
Sample : H2936-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

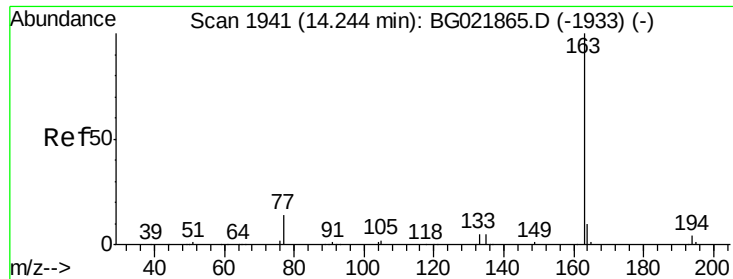
Instrument :
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Quant Time: May 13 07:57:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





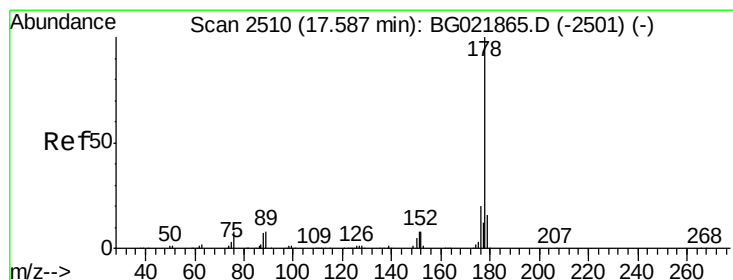
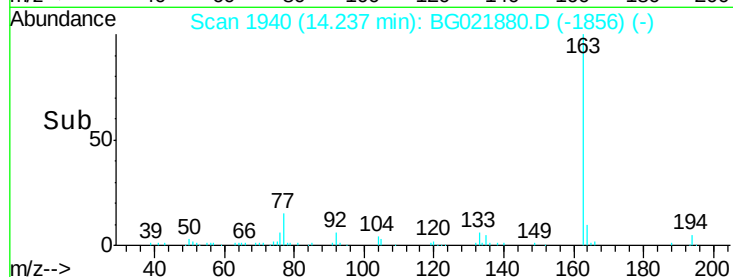
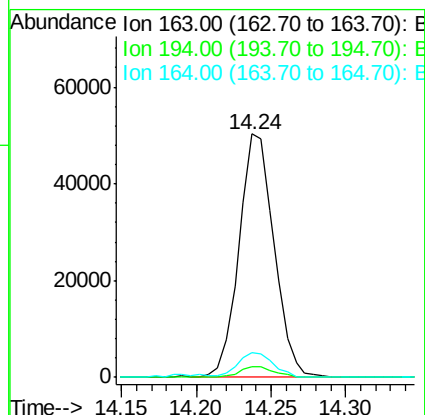
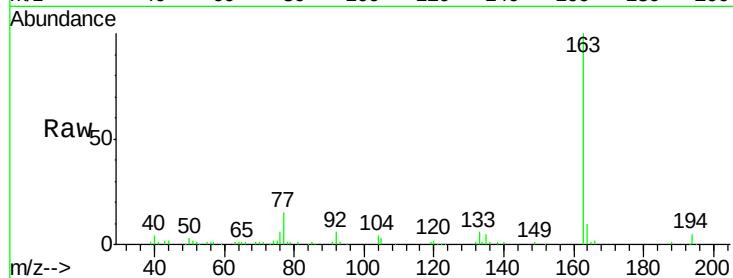
#45
Dimethylphthalate
Concen: 4.91 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG021880.D
Acq: 12 May 2016 22:36

Instrument :
BNA_G
ClientSampleId :
D9WK7

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	81901		
194	4.5		3.9	5.9
164	10.3		8.7	13.1

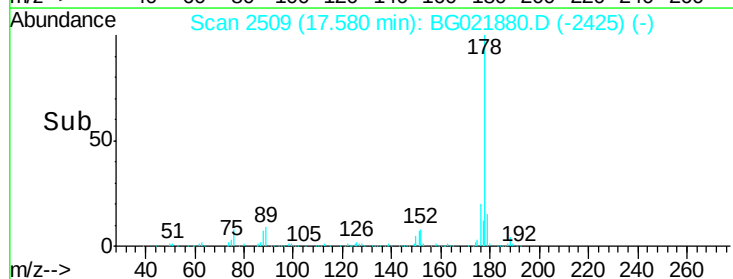
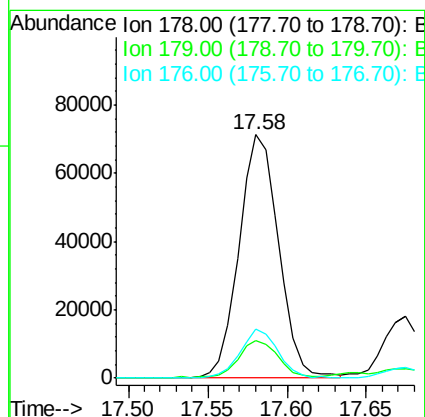
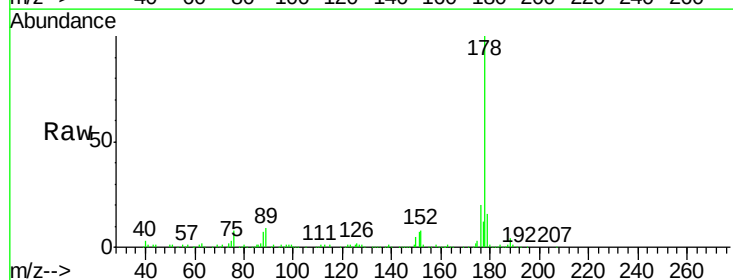
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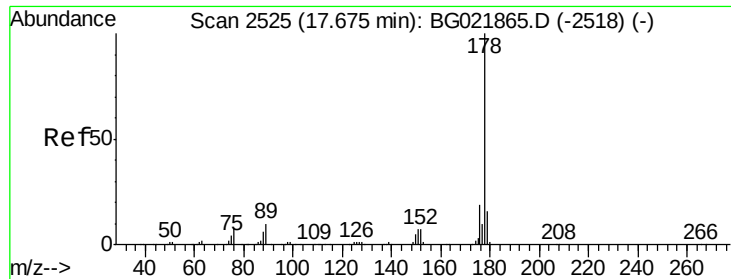
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#70
Phenanthrene
Concen: 4.63 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG021880.D
Acq: 12 May 2016 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	122702		
179	15.6		11.8	17.8
176	20.1		14.8	22.2





#72

Anthracene

Concen: 1.14 ng/ul

RT: 17.67 min Scan# 2525

Delta R.T. -0.00 min

Lab File: BG021880.D

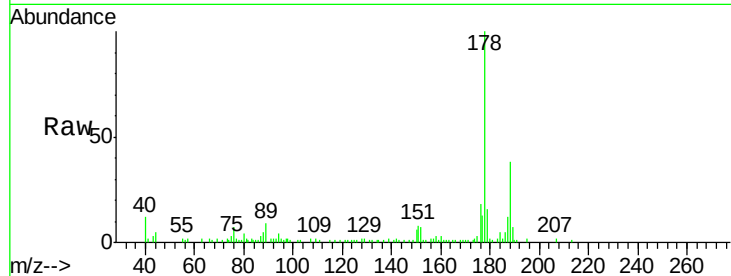
Acq: 12 May 2016 22:36

Instrument :

BNA_G

ClientSampleId :

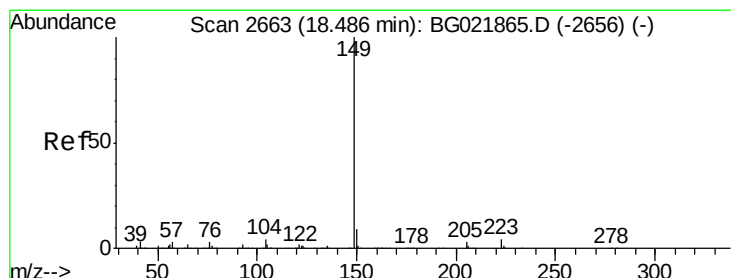
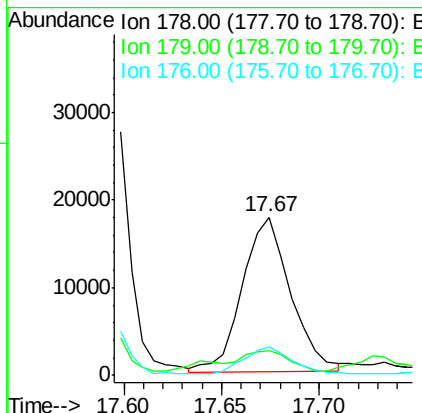
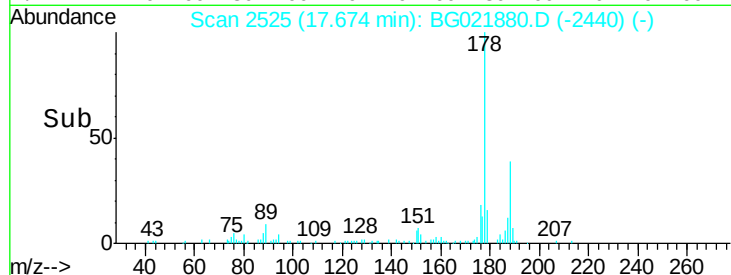
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Tgt Ion:	178	Resp:	30574
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.9	19.3
176	17.7	15.6	23.4

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#74

Di-n-butylphthalate

Concen: 2.40 ng/ul

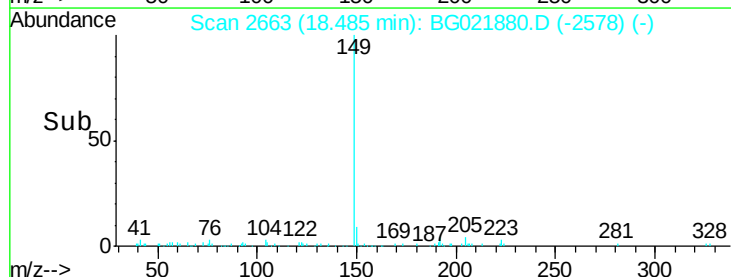
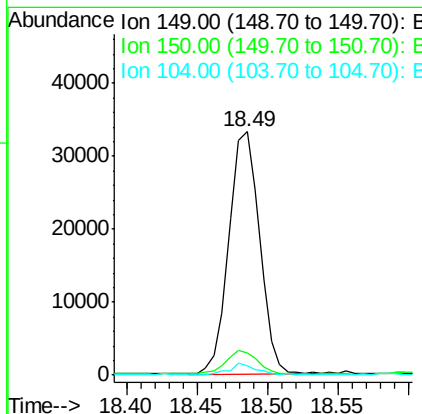
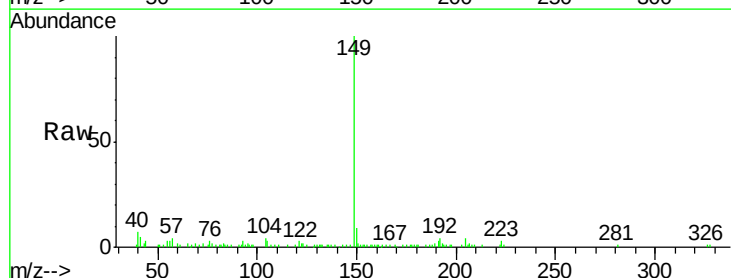
RT: 18.49 min Scan# 2663

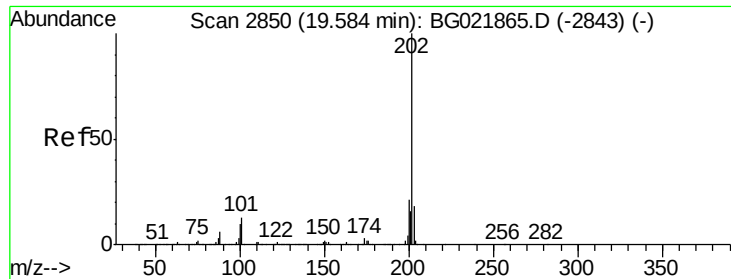
Delta R.T. -0.00 min

Lab File: BG021880.D

Acq: 12 May 2016 22:36

Tgt Ion:	149	Resp:	50855
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.5	11.3
104	4.0	5.4	8.2#





#75

Fluoranthene

Concen: 8.43 ng/ul

RT: 19.58 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG021880.D

Acq: 12 May 2016 22:36

Instrument :

BNA_G

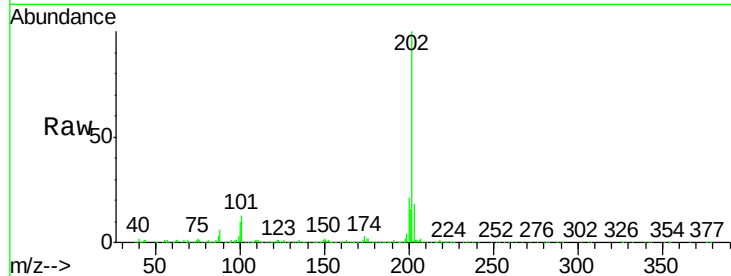
ClientSampleId :

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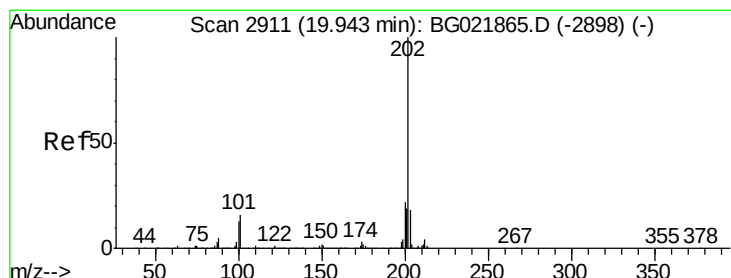
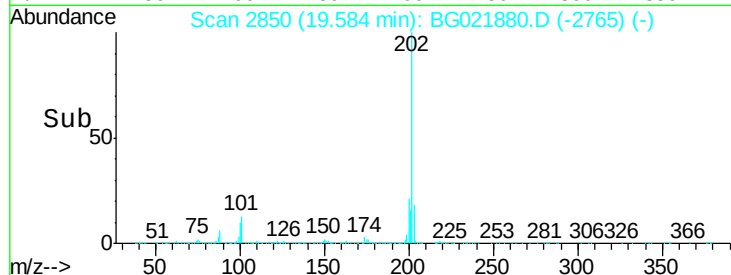
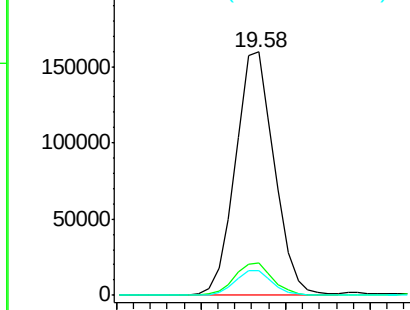
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		254071		
101	13.3	8.9	13.3#		
100	10.2	7.0	10.4		

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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: 8.34 ng/ul

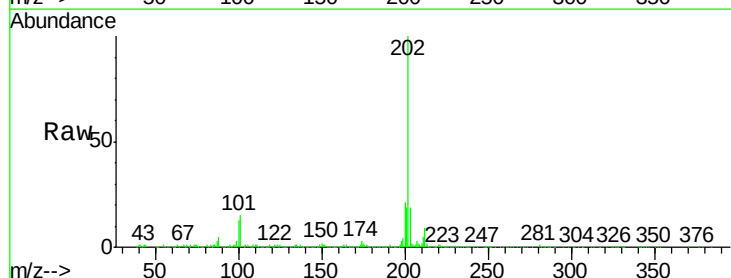
RT: 19.94 min Scan# 2911

Delta R.T. -0.00 min

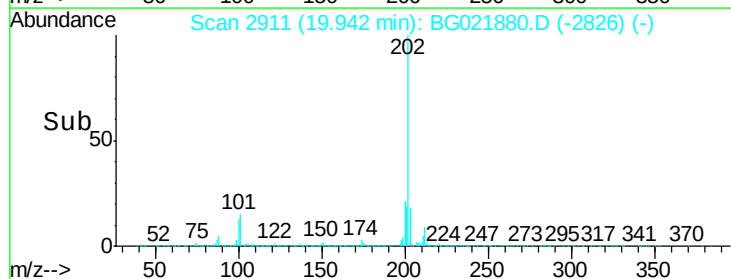
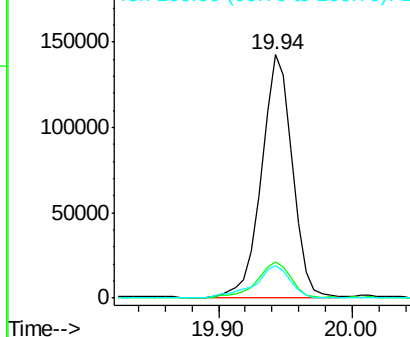
Lab File: BG021880.D

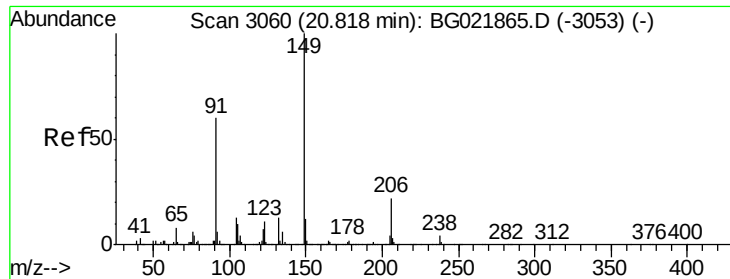
Acq: 12 May 2016 22:36

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		227103		
101	14.7	9.8	14.8		
100	13.5	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





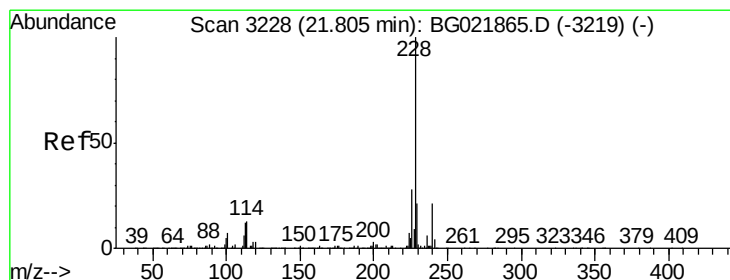
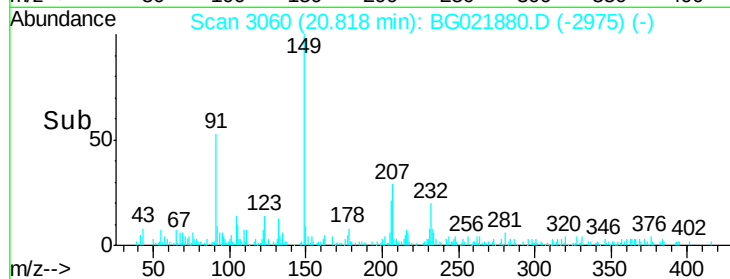
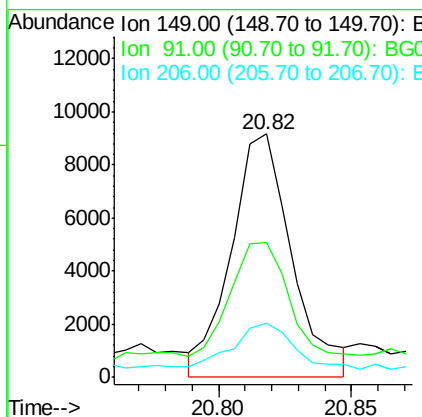
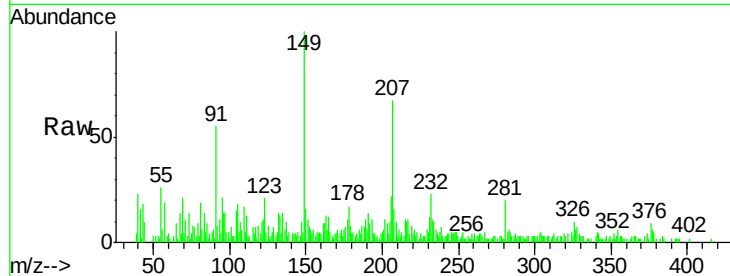
#79
Butylbenzylphthalate
Concen: 2.42 ng/ul m
RT: 20.82 min Scan# 3060
Delta R.T. -0.00 min
Lab File: BG021880.D
Acq: 12 May 2016 22:36

Instrument :
BNA_G
ClientSampleId :
D9WK7

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	55.1	65.8	98.8#
206	22.4	15.5	23.3

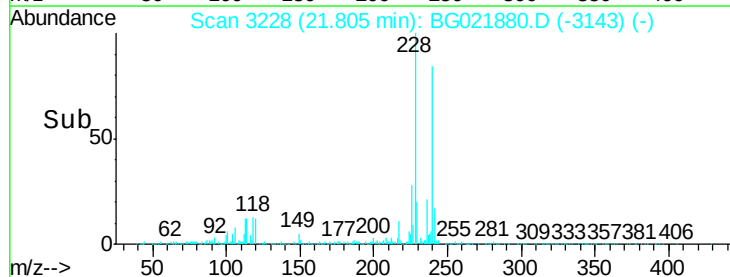
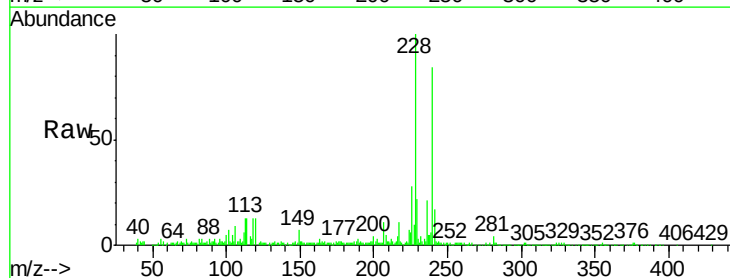
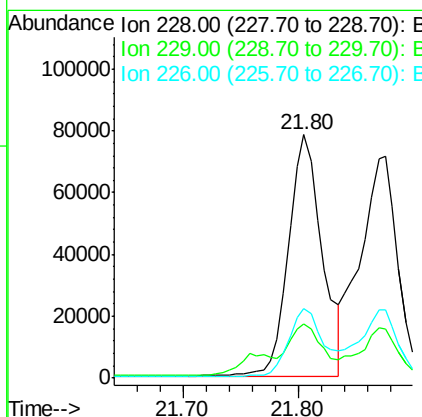
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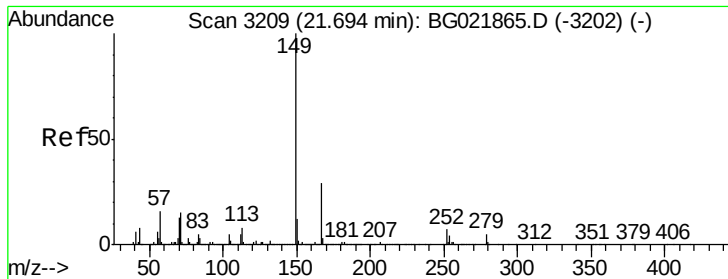
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#81
Benzo(a)anthracene
Concen: 6.09 ng/ul
RT: 21.80 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG021880.D
Acq: 12 May 2016 22:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.1	16.6	25.0
226	28.4	21.0	31.4





#82

Bis(2-ethylhexyl)phthalate

Concen: 17.48 ng/ul

RT: 21.69 min Scan# 3209

Delta R.T. -0.00 min

Lab File: BG021880.D

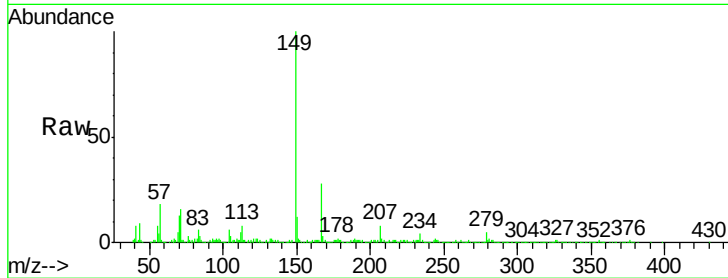
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Instrument :

BNA_G

ClientSampleId :

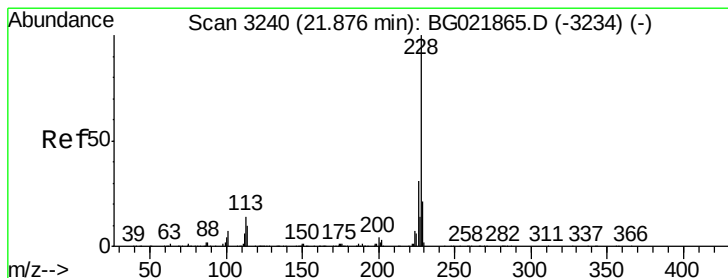
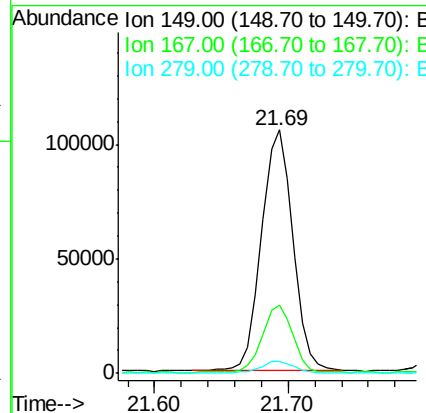
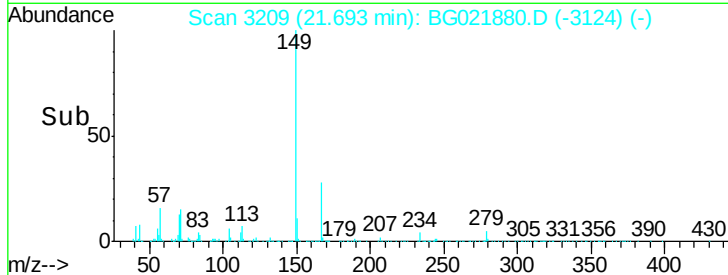
D9WK7



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	171787		
167	28.2	20.5	30.7	
279	4.9	3.7	5.5	

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#83

Chrysene

Concen: 6.16 ng/ul

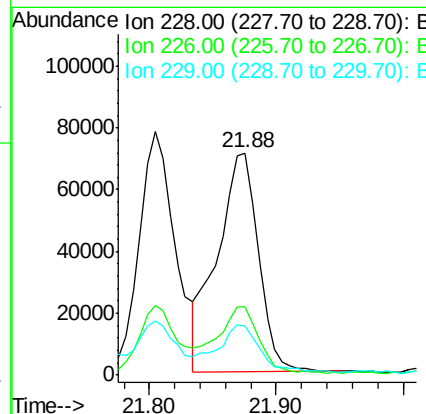
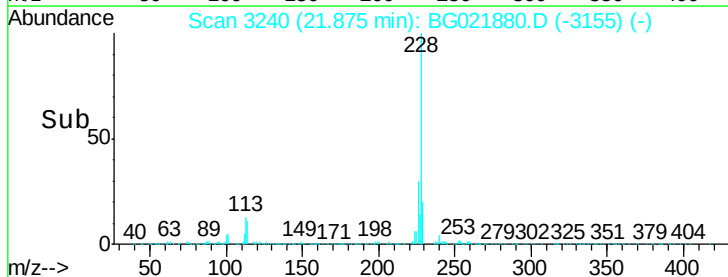
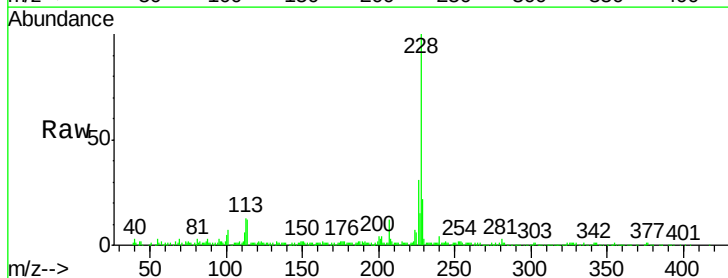
RT: 21.88 min Scan# 3240

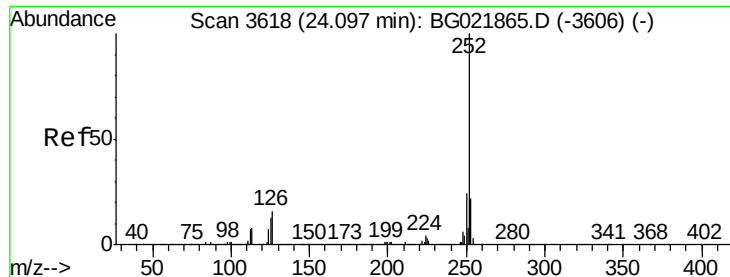
Delta R.T. -0.00 min

Lab File: BG021880.D

Acq: 12 May 2016 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	159616		
226	30.6	23.4	35.2	
229	22.2	16.2	24.2	





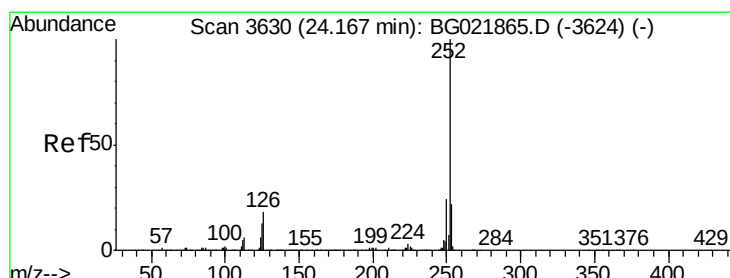
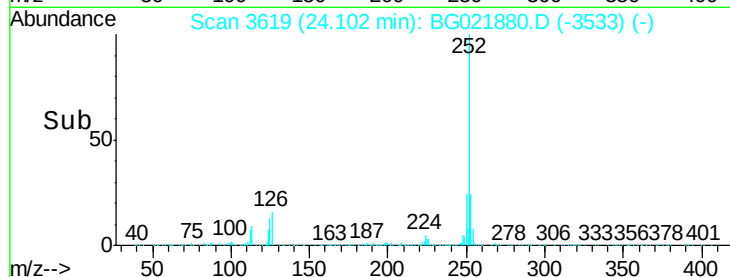
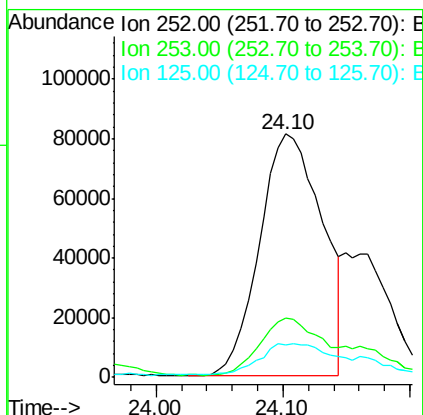
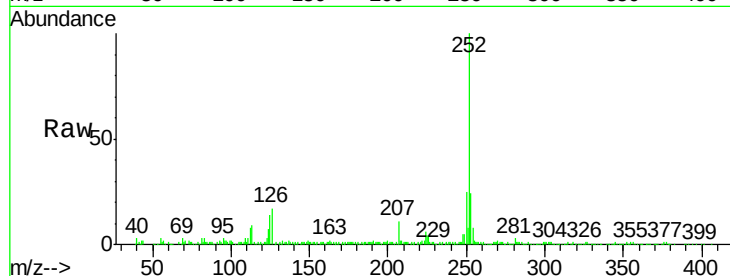
#86
Benzo(b)fluoranthene
Concen: 10.25 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. 0.01 min
Lab File: BG021880.D
Acq: 12 May 2016 22:36

Instrument :
BNA_G
ClientSampleId :
D9WK7

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.3	18.1	27.1
125	13.6	7.6	11.4

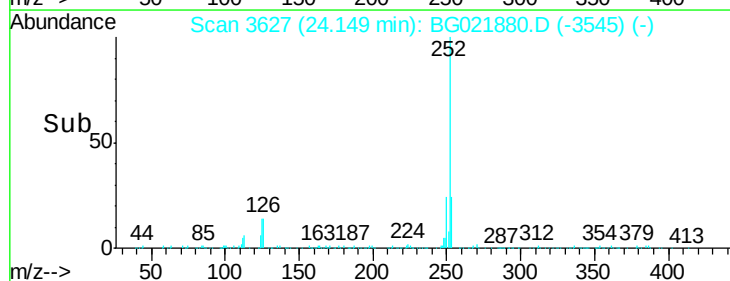
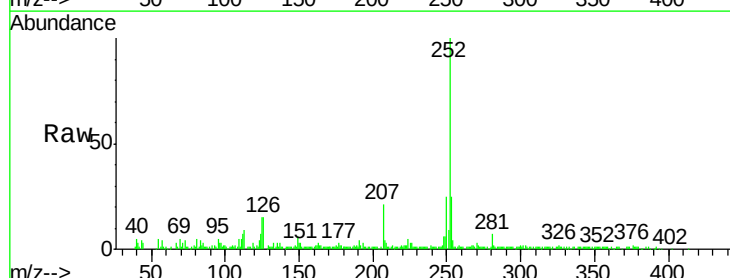
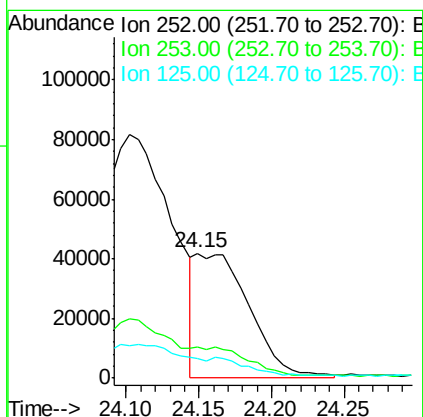
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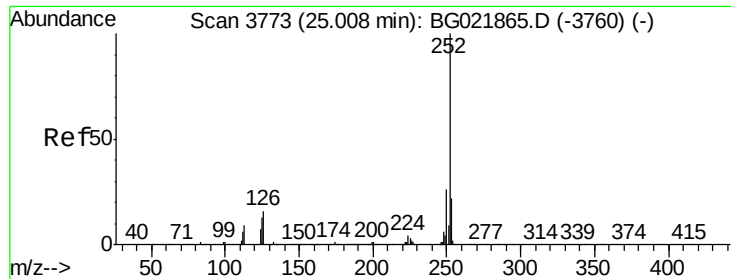
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#87
Benzo(k)fluoranthene
Concen: 3.73 ng/ul m
RT: 24.15 min Scan# 3627
Delta R.T. -0.02 min
Lab File: BG021880.D
Acq: 12 May 2016 22:36

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.1	17.8	26.8
125	15.5	7.7	11.5





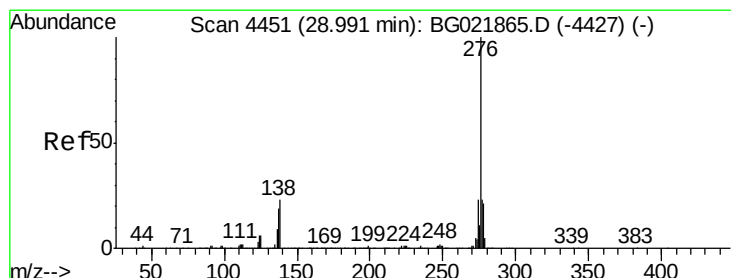
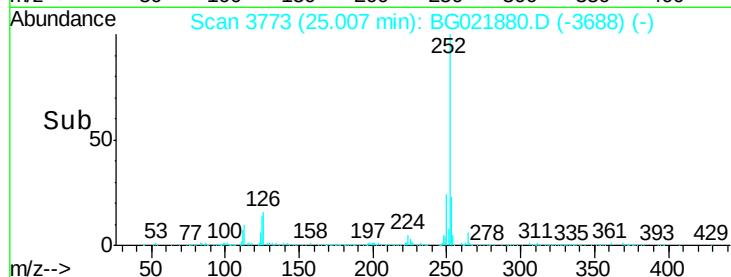
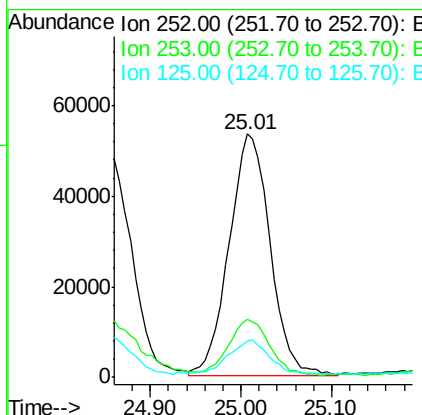
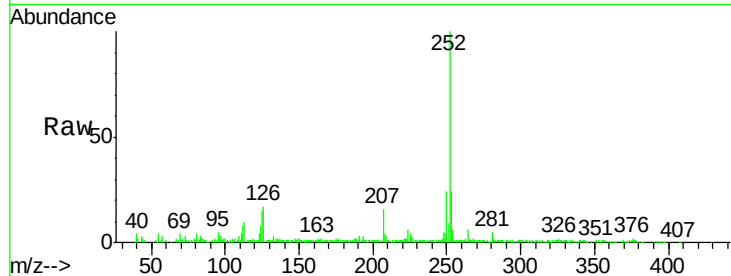
#89
Benzo(a)pyrene
Concen: 6.14 ng/ul
RT: 25.01 min Scan# 3773
Delta R.T. -0.00 min
Lab File: BG021880.D
Acq: 12 May 2016 22:36

Instrument :
BNA_G
ClientSampleId :
D9WK7

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.9	17.4	26.0
125	14.7	8.2	12.2

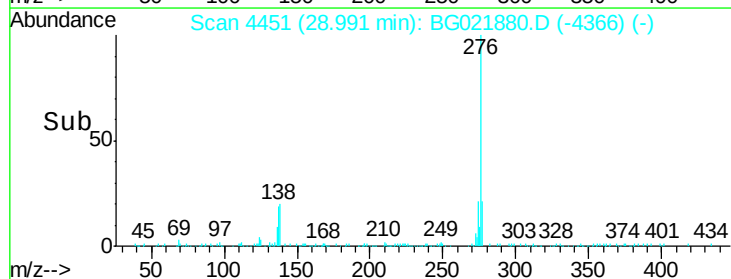
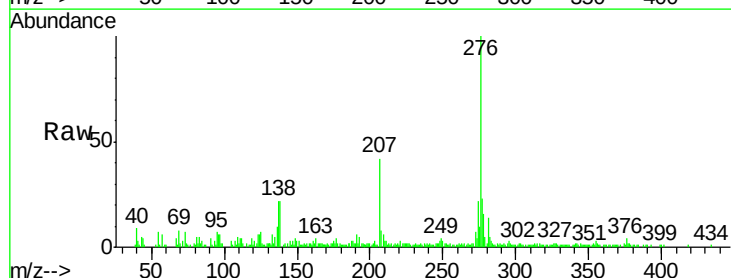
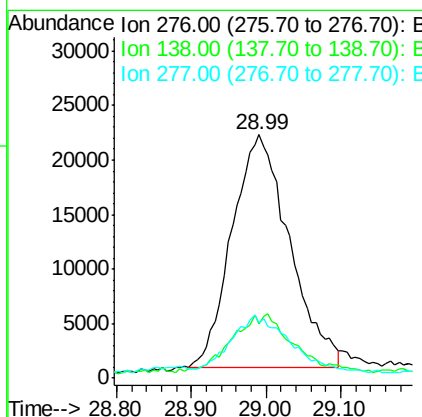
Manual Integrations
APPROVED

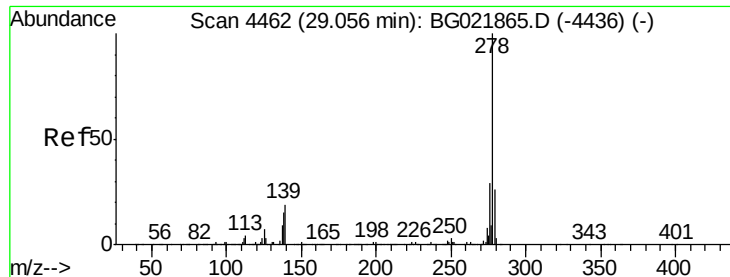
sohil
5/13/2016 8:13:09 PM



#90
Indeno(1,2,3-cd)pyrene
Concen: 3.54 ng/ul
RT: 28.99 min Scan# 4451
Delta R.T. -0.00 min
Lab File: BG021880.D
Acq: 12 May 2016 22:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.3	15.8	23.6
277	22.9	19.0	28.6





#91

Dibenzo(a,h)anthracene

Concen: 1.36 ng/ul m

RT: 29.03 min Scan# 4458

Delta R.T. -0.02 min

Lab File: BG021880.D

Acq: 12 May 2016 22:36

Instrument :

BNA_G

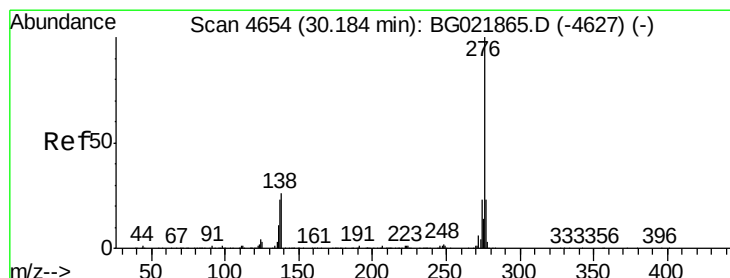
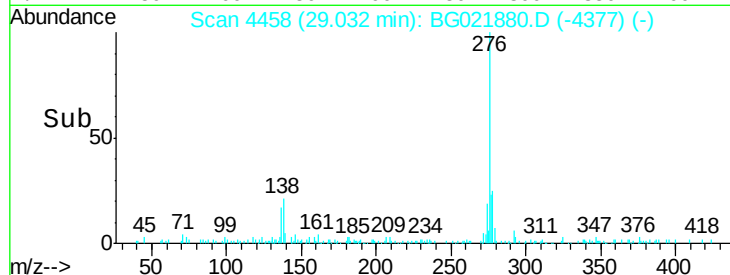
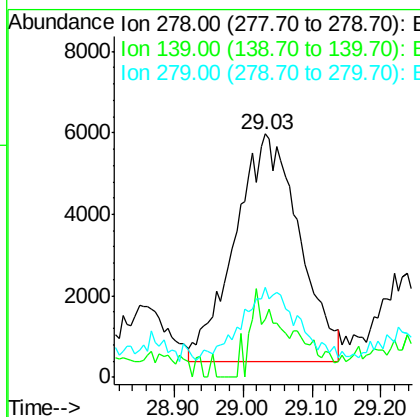
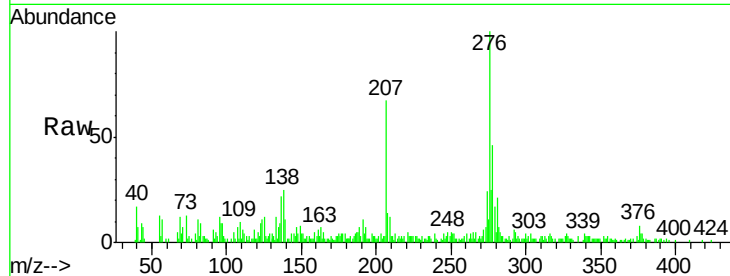
ClientSampleId :

D9WK7

Tgt Ion:	278	Resp:	36277
Ion Ratio	Lower	Upper	
278	100		
139	23.9	12.1	18.1#
279	36.9	19.8	29.8#

Manual Integrations
APPROVED

sohil
5/13/2016 8:13:09 PM



#92

Benzo(g,h,i)perylene

Concen: 3.80 ng/ul m

RT: 30.18 min Scan# 4653

Delta R.T. -0.01 min

Lab File: BG021880.D

Acq: 12 May 2016 22:36

Tgt Ion:	276	Resp:	100840
Ion Ratio	Lower	Upper	
276	100		
138	29.8	13.9	20.9#
277	21.9	19.8	29.6

