

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
 Data File : BG021889.D
 Acq On : 15 May 2016 12:14
 Operator : UM/SJ
 Sample : H3096-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF7

Manual Integrations
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Quant Time: May 16 01:44:20 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	38713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	216873	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	137428	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	304273	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	309657	20.00	ng/ul	0.00
84) Perylene-d12	25.14	264	304264	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	2761	3.44	ng/uL	0.00
5) Phenol-d5	7.32	99	57134	19.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	28681	20.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	59146	26.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	52592m	21.80	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	32271	22.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	31587	35.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	62221m	24.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	53429m	19.48	ng/ul	0.01
44) Dimethylphthalate-d6	14.18	166	237090	24.56	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	305752	22.31	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	23427m	14.16	ng/ul	0.02
58) Fluorene-d10	15.78	176	210073	20.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	21349	25.33	ng/ul	0.00
71) Anthracene-d10	17.63	188	306452	20.69	ng/ul	0.00
77) Pyrene-d10	19.91	212	349949	24.14	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	318173	22.01	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.23	163	75507	7.68	ng/ul	98
69) Pentachlorophenol	17.18	266	19669	14.02	ng/ul	93
70) Phenanthrene	17.57	178	41851	2.52	ng/ul	98
74) Di-n-butylphthalate	18.48	149	13541	1.02	ng/ul#	94
75) Fluoranthene	19.57	202	95265	5.04	ng/ul	97
78) Pyrene	19.94	202	83688	4.67	ng/ul	98
79) Butylbenzylphthalate	20.81	149	28011	7.07	ng/ul#	71
81) Benzo(a)anthracene	21.79	228	50154	2.91	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.68	149	173646	26.86	ng/ul	97
83) Chrysene	21.86	228	59363m	3.48	ng/ul	
86) Benzo(b)fluoranthene	24.09	252	80718	4.63	ng/ul#	94
87) Benzo(k)fluoranthene	24.14	252	25095m	1.35	ng/ul	
89) Benzo(a)pyrene	24.98	252	50893	2.94	ng/ul#	97
90) Indeno(1,2,3-cd)pyrene	28.95	276	37801m	1.84	ng/ul	
92) Benzo(g,h,i)perylene	30.12	276	36453m	2.15	ng/ul	

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

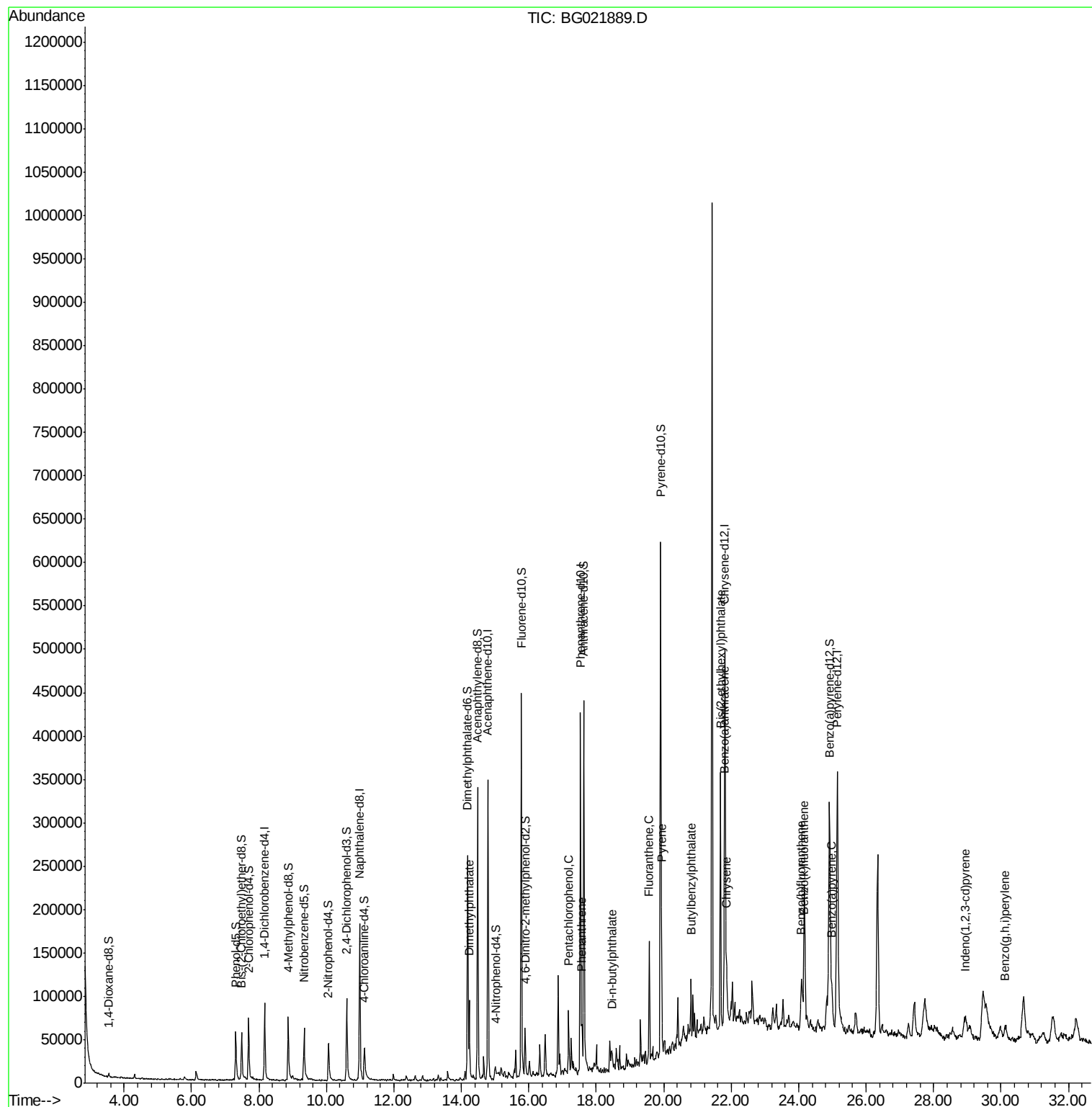
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021889.D
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Operator : UM/SJ
Sample : H3096-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

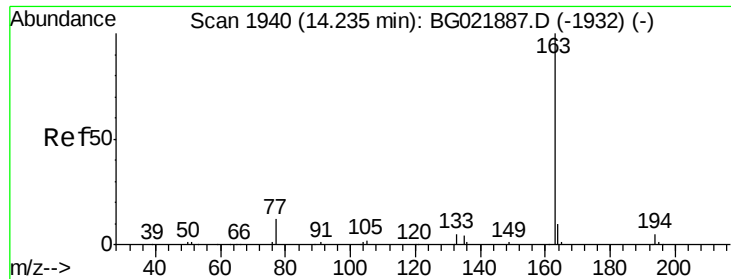
Instrument :
BNA_G
ClientSampleId :
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Quant Time: May 16 01:44:20 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
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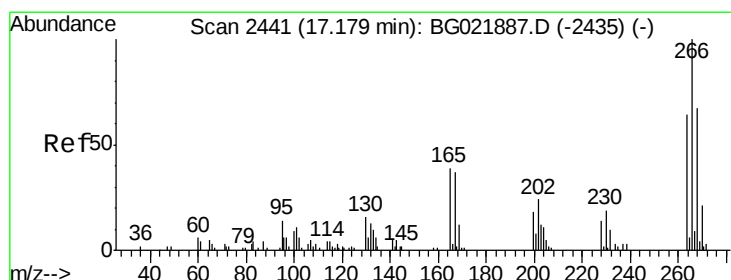
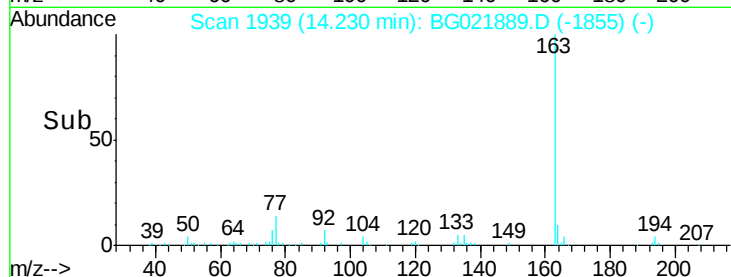
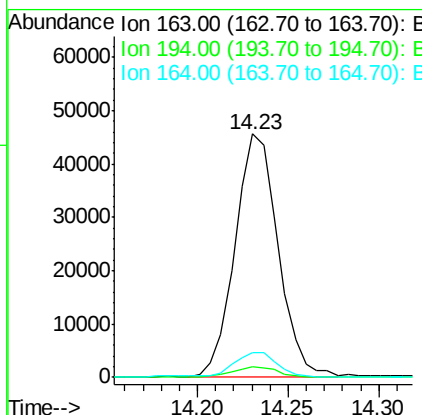
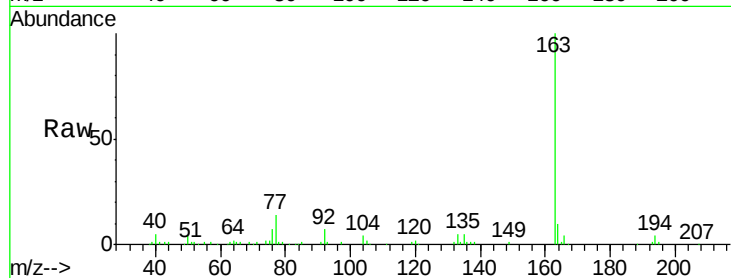
#45
Dimethylphthalate
Concen: 7.68 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG021889.D
Acq: 15 May 2016 12:14

Instrument :
BNA_G
ClientSampleId :
D9XF7

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.9	5.9
164	10.2	8.7	13.1

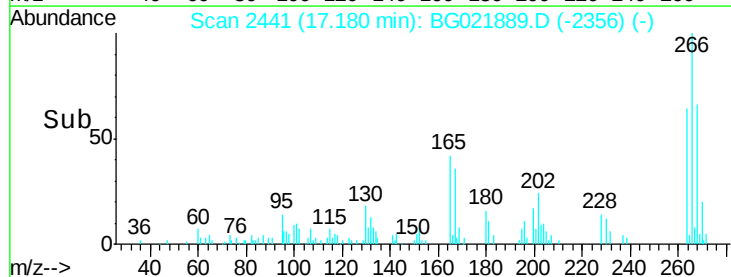
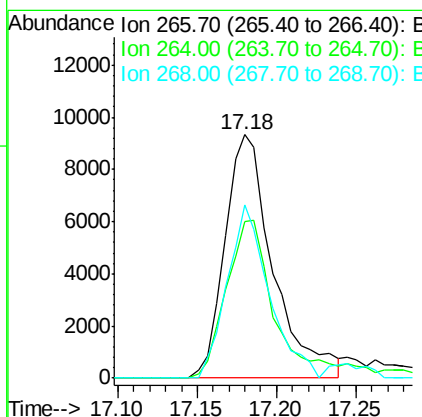
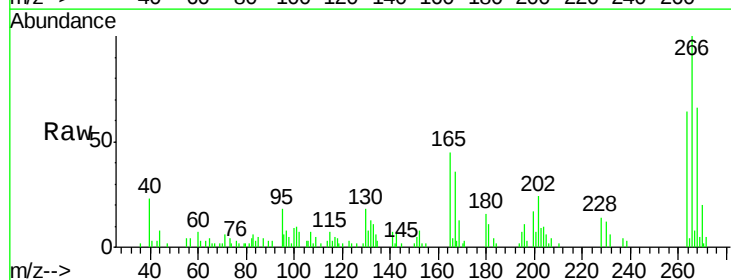
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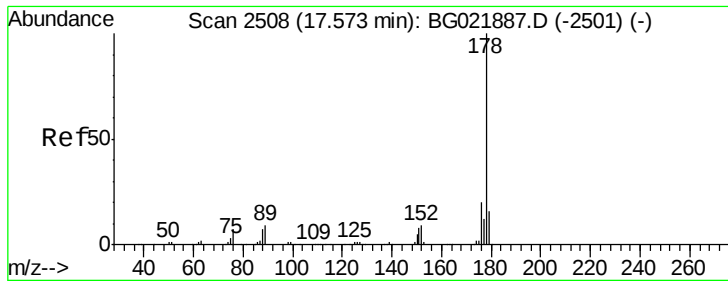
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#69
Pentachlorophenol
Concen: 14.02 ng/ul
RT: 17.18 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG021889.D
Acq: 15 May 2016 12:14

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.2	56.7	85.1
268	71.2	50.6	76.0





#70

Phenanthrene

Concen: 2.52 ng/ul

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG021889.D

Acq: 15 May 2016 12:14

Instrument :

BNA_G

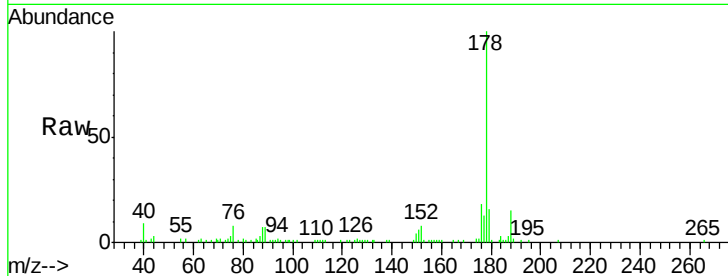
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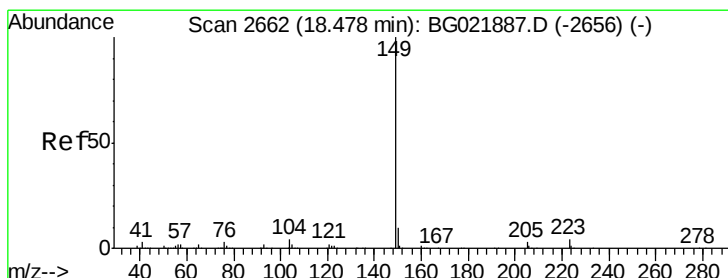
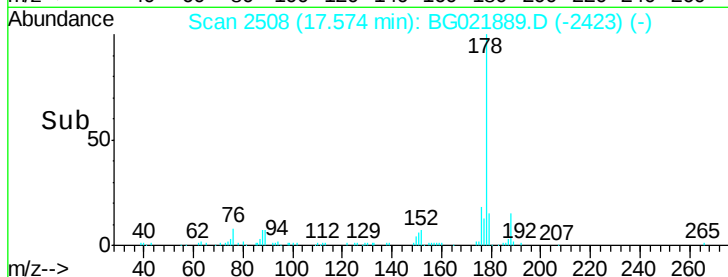
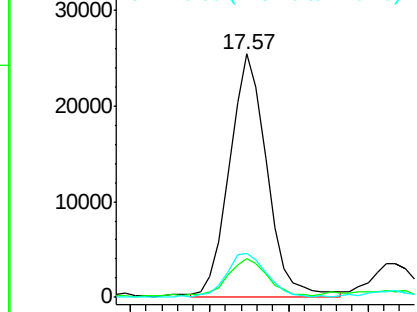
Tgt Ion:	178	Resp:	41851
Ion Ratio	Lower	Upper	
178	100		
179	15.9	11.8	17.8
176	17.9	14.8	22.2

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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: 1.02 ng/ul

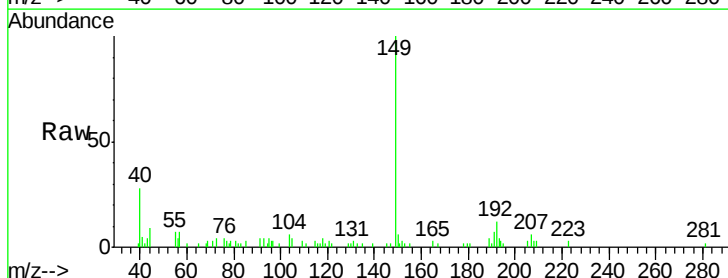
RT: 18.48 min Scan# 2662

Delta R.T. 0.00 min

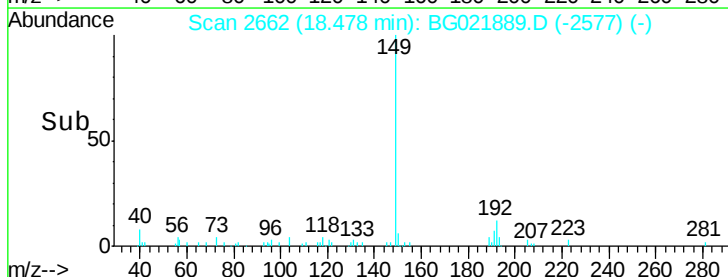
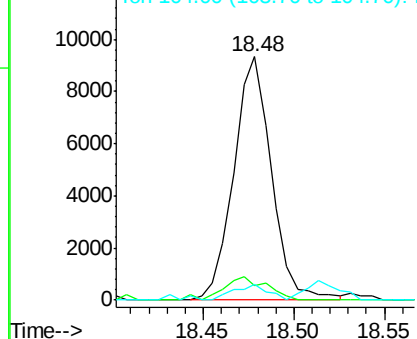
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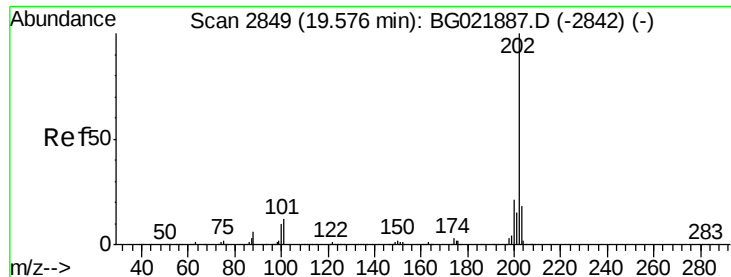
Acq: 15 May 2016 12:14

Tgt Ion:	149	Resp:	13541
Ion Ratio	Lower	Upper	
149	100		
150	6.0	7.5	11.3#
104	6.2	5.4	8.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 5.04 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG021889.D

Acq: 15 May 2016 12:14

Instrument :

BNA_G

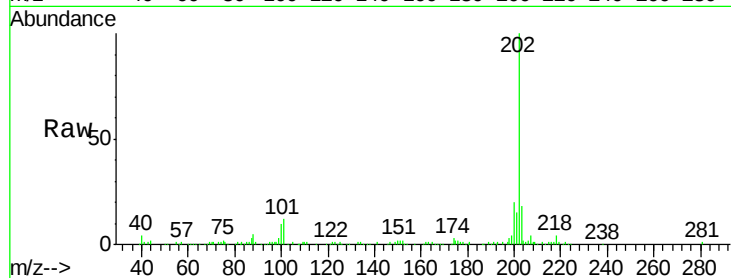
ClientSampleId :

D9XF7

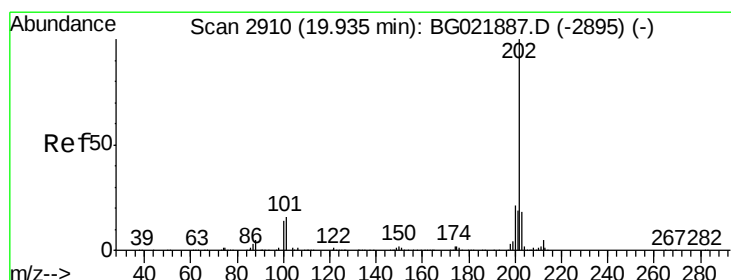
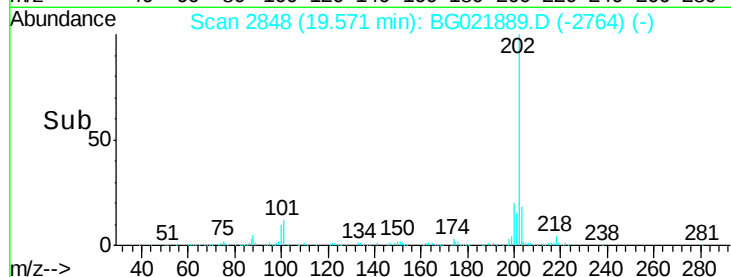
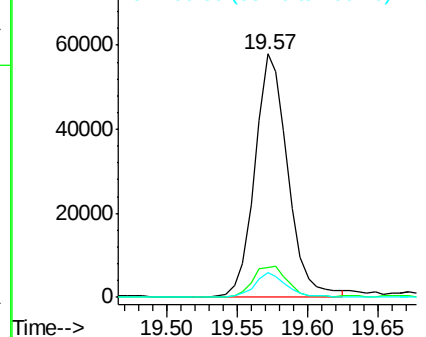
Tgt Ion:	202	Resp:	95265
Ion Ratio	Lower	Upper	
202	100		
101	12.0	8.9	13.3
100	10.4	7.0	10.4

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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: 4.67 ng/ul

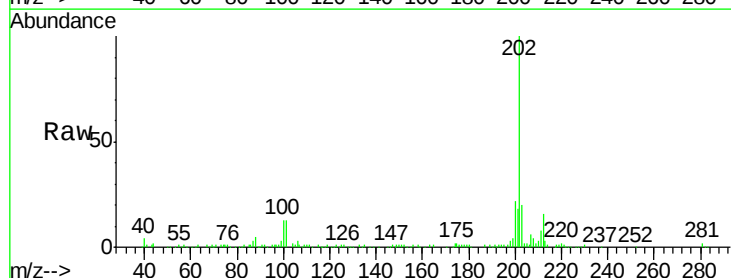
RT: 19.94 min Scan# 2910

Delta R.T. 0.00 min

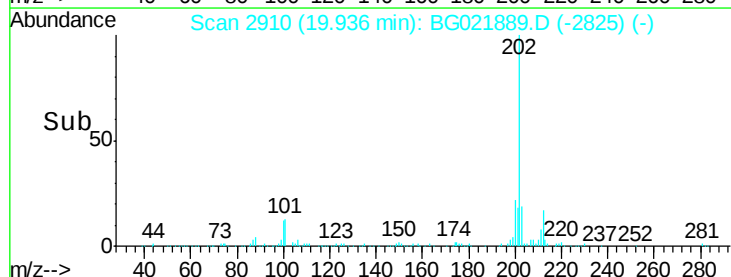
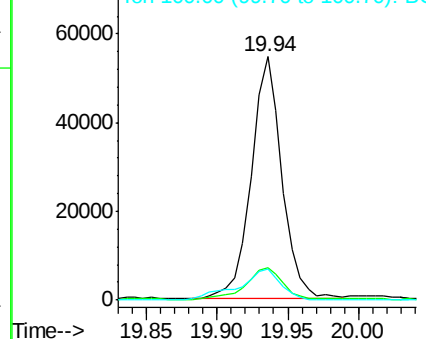
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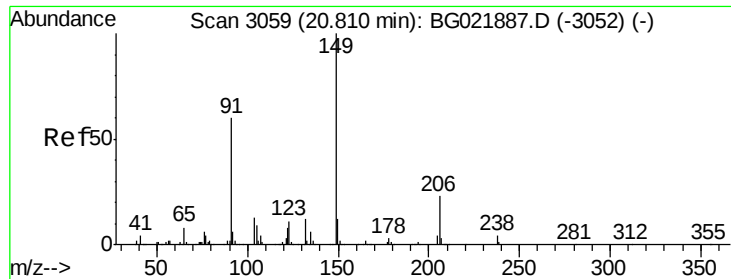
Acq: 15 May 2016 12:14

Tgt Ion:	202	Resp:	83688
Ion Ratio	Lower	Upper	
202	100		
101	13.1	9.8	14.8
100	12.6	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





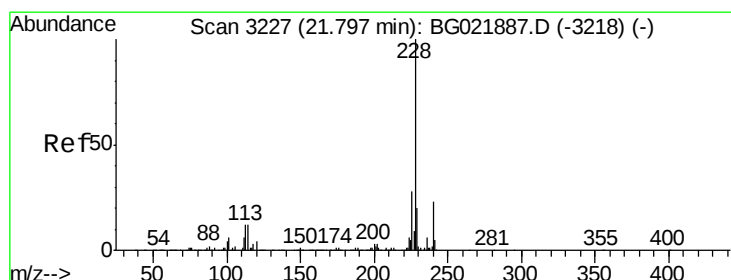
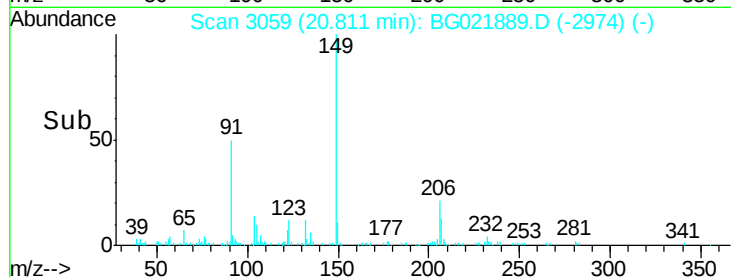
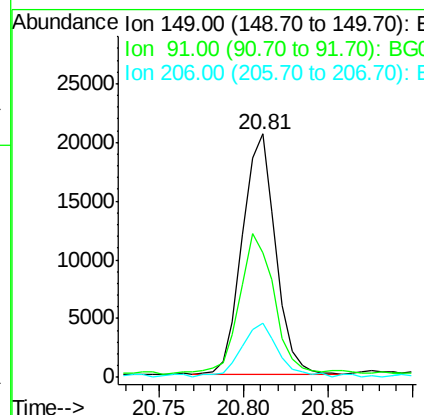
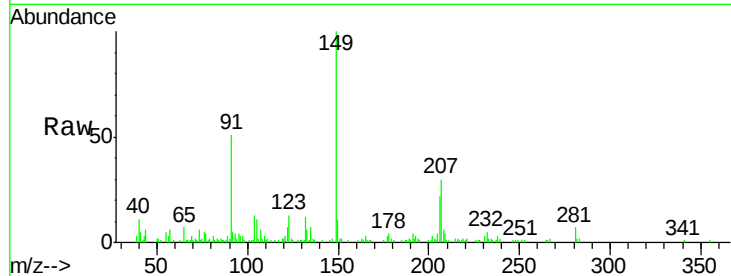
#79
Butylbenzylphthalate
Concen: 7.07 ng/ul
RT: 20.81 min Scan# 3059
Delta R.T. 0.00 min
Lab File: BG021889.D
Acq: 15 May 2016 12:14

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	28011		
91	51.4	65.8	98.8#	
206	22.4	15.5	23.3	

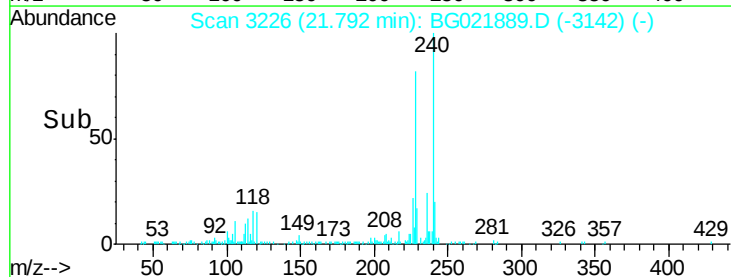
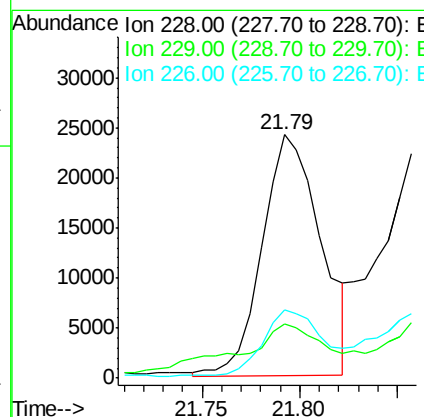
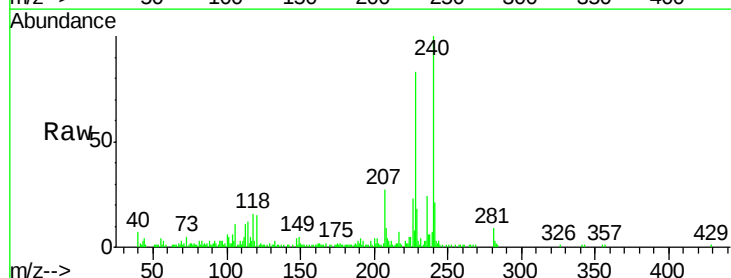
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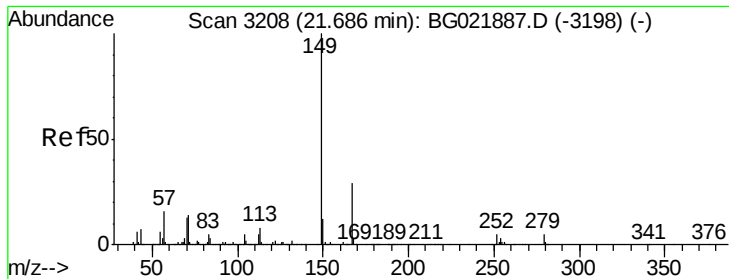
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#81
Benzo(a)anthracene
Concen: 2.91 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG021889.D
Acq: 15 May 2016 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	50154		
229	22.2	16.6	25.0	
226	28.0	21.0	31.4	





#82

Bis(2-ethylhexyl)phthalate

Concen: 26.86 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BG021889.D

Acq: 15 May 2016 12:14

Instrument :

BNA_G

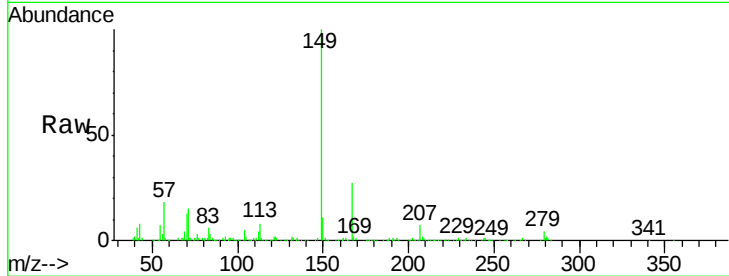
ClientSampleId :

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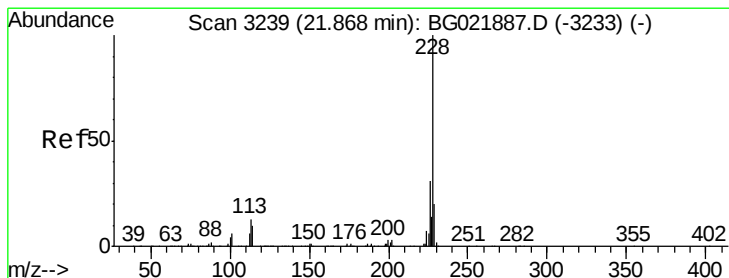
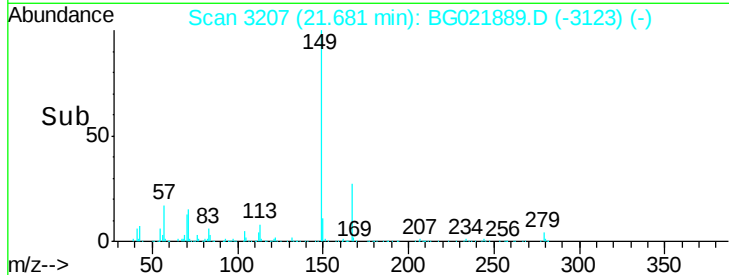
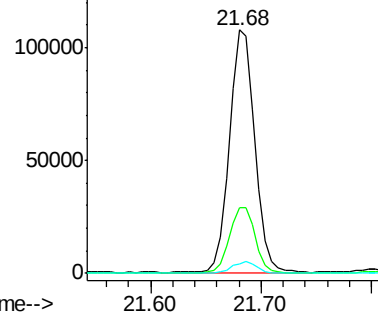
Tgt Ion:	149	Resp:	173646
Ion Ratio	Lower	Upper	
149	100		
167	27.1	20.5	30.7
279	3.9	3.7	5.5

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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: 3.48 ng/ul m

RT: 21.86 min Scan# 3238

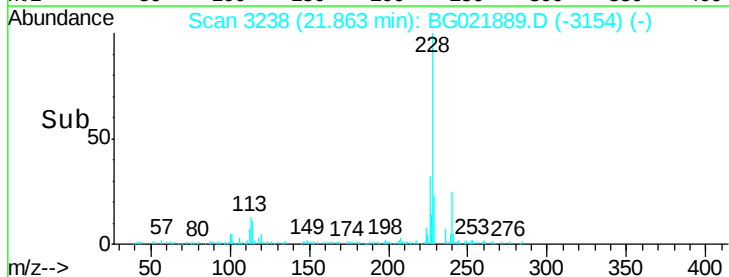
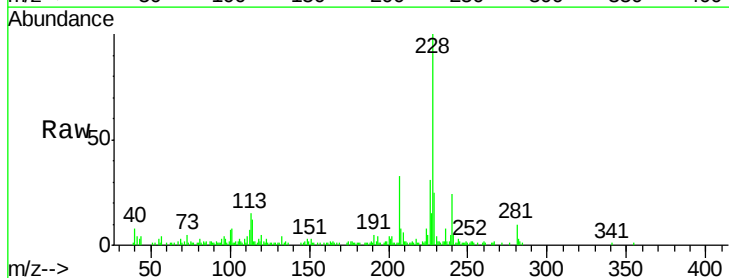
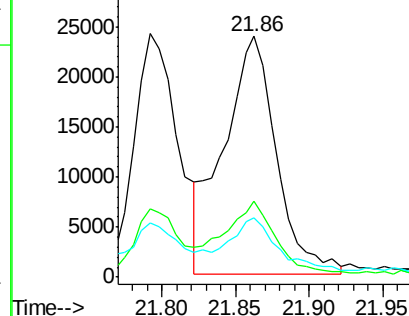
Delta R.T. -0.01 min

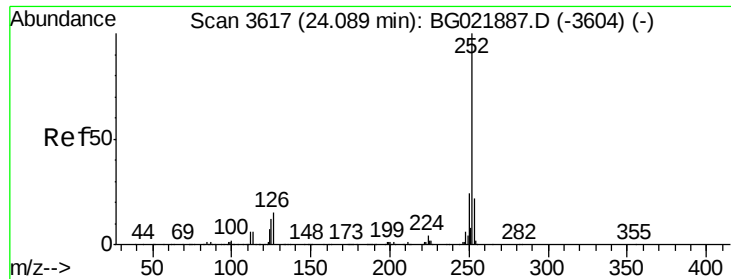
Lab File: BG021889.D

Acq: 15 May 2016 12:14

Tgt Ion:	228	Resp:	59363
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.2
229	24.7	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: 4.63 ng/ul

RT: 24.09 min Scan# 3617

Delta R.T. 0.00 min

Lab File: BG021889.D

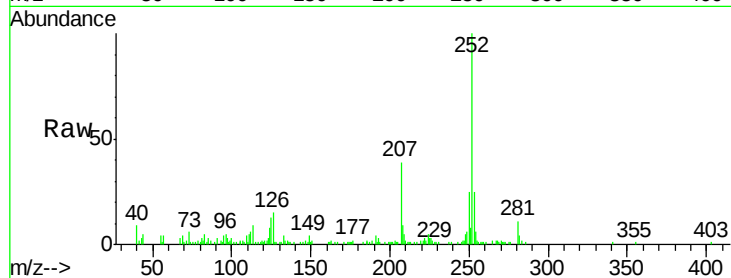
Acq: 15 May 2016 12:14

Instrument :

BNA_G

ClientSampleId :

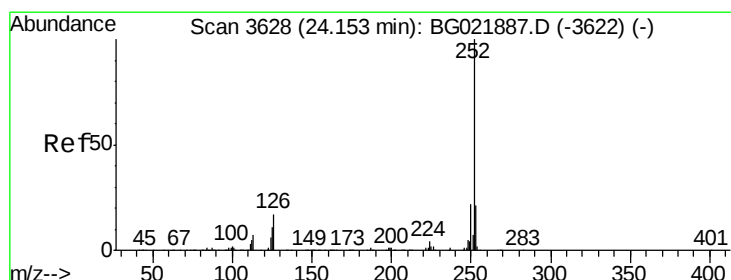
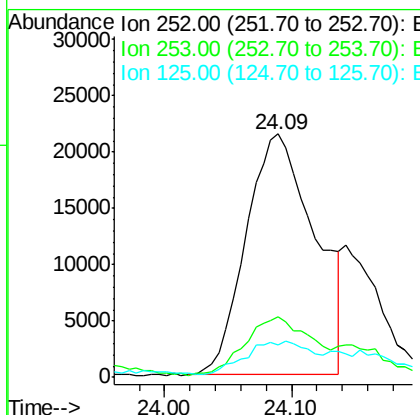
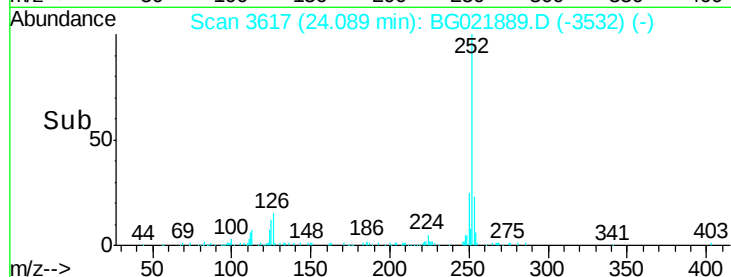
D9XF7



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	80718		
253	24.6	18.1	27.1	
125	13.5	7.6	11.4	

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#87

Benzo(k)fluoranthene

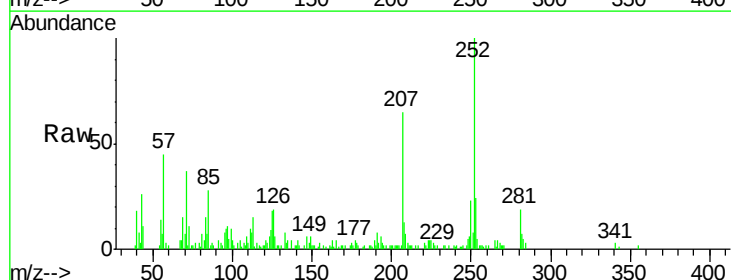
Concen: 1.35 ng/ul m

RT: 24.14 min Scan# 3626

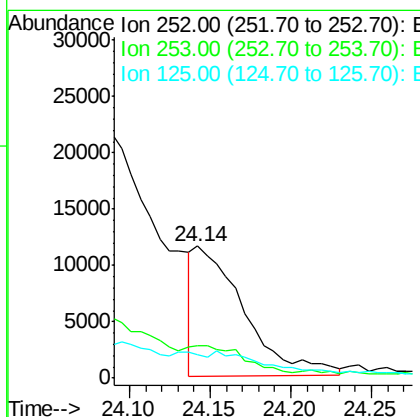
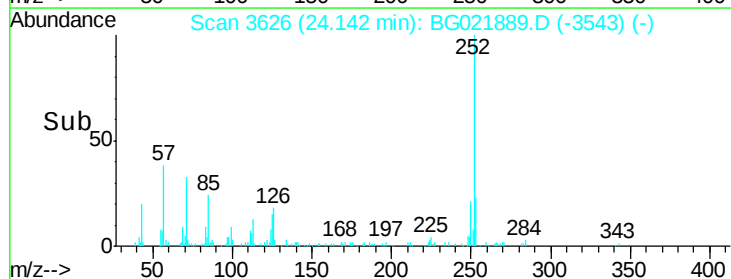
Delta R.T. -0.01 min

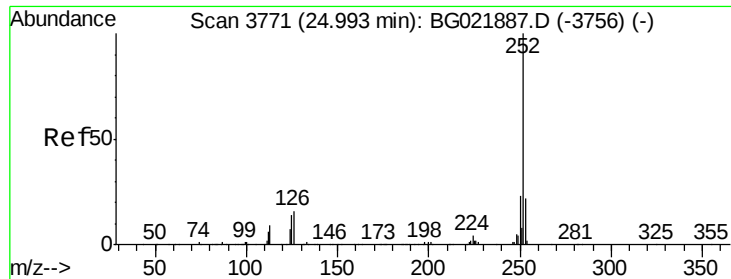
Lab File: BG021889.D

Acq: 15 May 2016 12:14



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	25095		
253	24.4	17.8	26.8	
125	17.5	7.7	11.5	





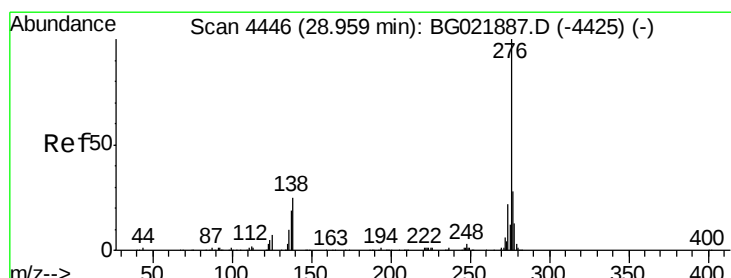
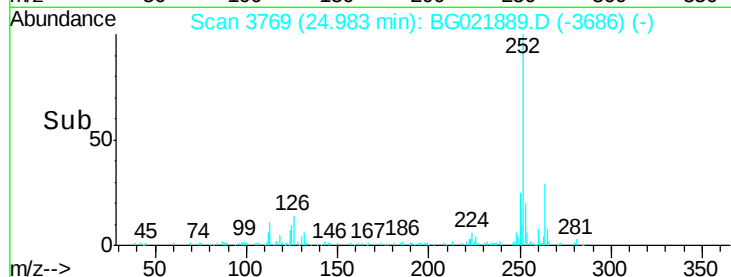
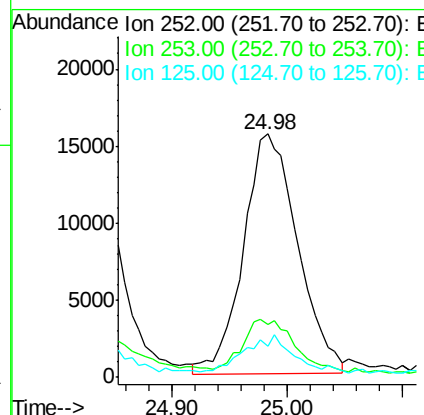
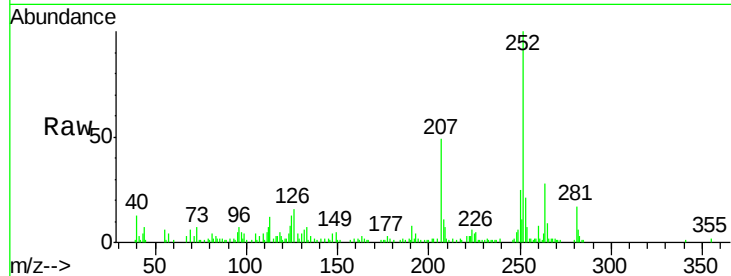
#89
Benzo(a)pyrene
Concen: 2.94 ng/ul
RT: 24.98 min Scan# 3769
Delta R.T. -0.01 min
Lab File: BG021889.D
Acq: 15 May 2016 12:14

Instrument :
BNA_G
ClientSampleId :
D9XF7

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.5	17.4	26.0
125	13.0	8.2	12.2

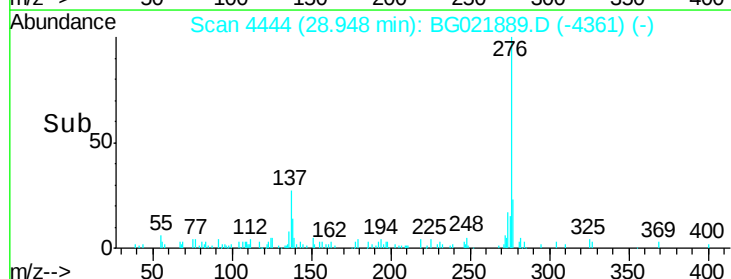
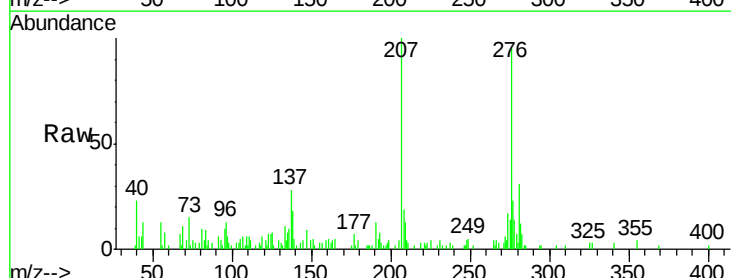
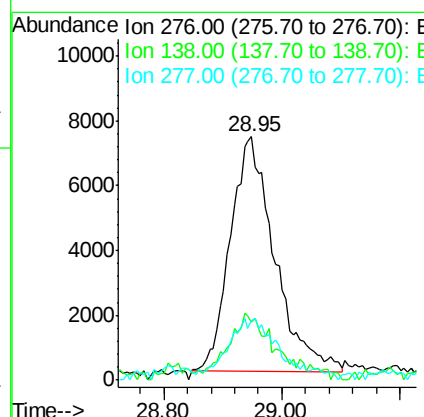
Manual Integrations
APPROVED

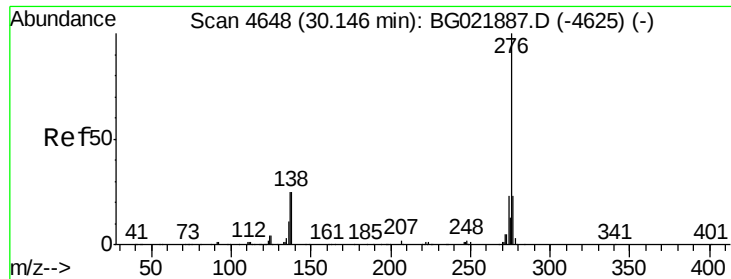
sohil
5/16/2016 7:03:42 PM



#90
Indeno(1,2,3-cd)pyrene
Concen: 1.84 ng/ul m
RT: 28.95 min Scan# 4444
Delta R.T. -0.01 min
Lab File: BG021889.D
Acq: 15 May 2016 12:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.8	15.8	23.6
277	24.1	19.0	28.6





#92
 Benzo(g,h,i)perylene
 Concen: 2.15 ng/ul m
 RT: 30.12 min Scan# 4644
 Delta R.T. -0.02 min
 Lab File: BG021889.D
 Acq: 15 May 2016 12:14

Instrument :
 BNA_G
 ClientSampleId :
 D9XF7

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.0	13.9	20.9#
277	24.2	19.8	29.6

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:03:42 PM

