

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
 Data File : BG025059.D
 Acq On : 10 Dec 2016 7:06
 Operator : UM/SJ
 Sample : H5863-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y5

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:29 PM

Quant Time: Dec 12 03:38:32 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 03:10:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	138222	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	574716	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	450952	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	911226	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1160873	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	1173607	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	7760	2.90	ng/uL	0.00
5) Phenol-d5	7.39	99	208983	17.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	133186	18.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	147108	17.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	169931	17.05	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	83522	20.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	98006	19.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	190710	19.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	30572	3.19	ng/ul	0.01
43) Dimethylphthalate-d6	14.26	166	597192	19.25	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	700649	20.62	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	77723	14.58	ng/ul	0.00
57) Fluorene-d10	15.85	176	555531	19.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	103220	18.32	ng/ul	0.00
70) Anthracene-d10	17.71	188	818023	21.27	ng/ul	0.00
76) Pyrene-d10	19.97	212	1003010	20.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1049107	22.06	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.42	94	43845	3.58	ng/ul#	91
14) Acetophenone	9.08	105	17204	1.13	ng/ul#	75
34) 2-Methylnaphthalene	12.71	142	36018	1.71	ng/ul	84
44) Dimethylphthalate	14.30	163	116073	3.81	ng/ul	97
69) Phenanthrene	17.65	178	131213	3.02	ng/ul#	94
74) Fluoranthene	19.64	202	289875	5.61	ng/ul	97
77) Pyrene	20.00	202	274659	4.92	ng/ul#	96
80) Benzo(a)anthracene	21.88	228	202898	3.36	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.75	149	8138105	270.61	ng/ul#	8
82) Chrysene	21.94	228	230681	4.09	ng/ul	98
84) Di-n-octyl phthalate	23.00	149	766171	16.08	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	424363	7.29	ng/ul	99
86) Benzo(k)fluoranthene	24.28	252	116678m	2.11	ng/ul	
88) Benzo(a)pyrene	25.16	252	216632	3.87	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	29.23	276	192552m	2.77	ng/ul	
90) Dibenzo(a,h)anthracene	29.29	278	62943m	1.07	ng/ul	
91) Benzo(g,h,i)perylene	30.48	276	178047m	3.07	ng/ul	

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

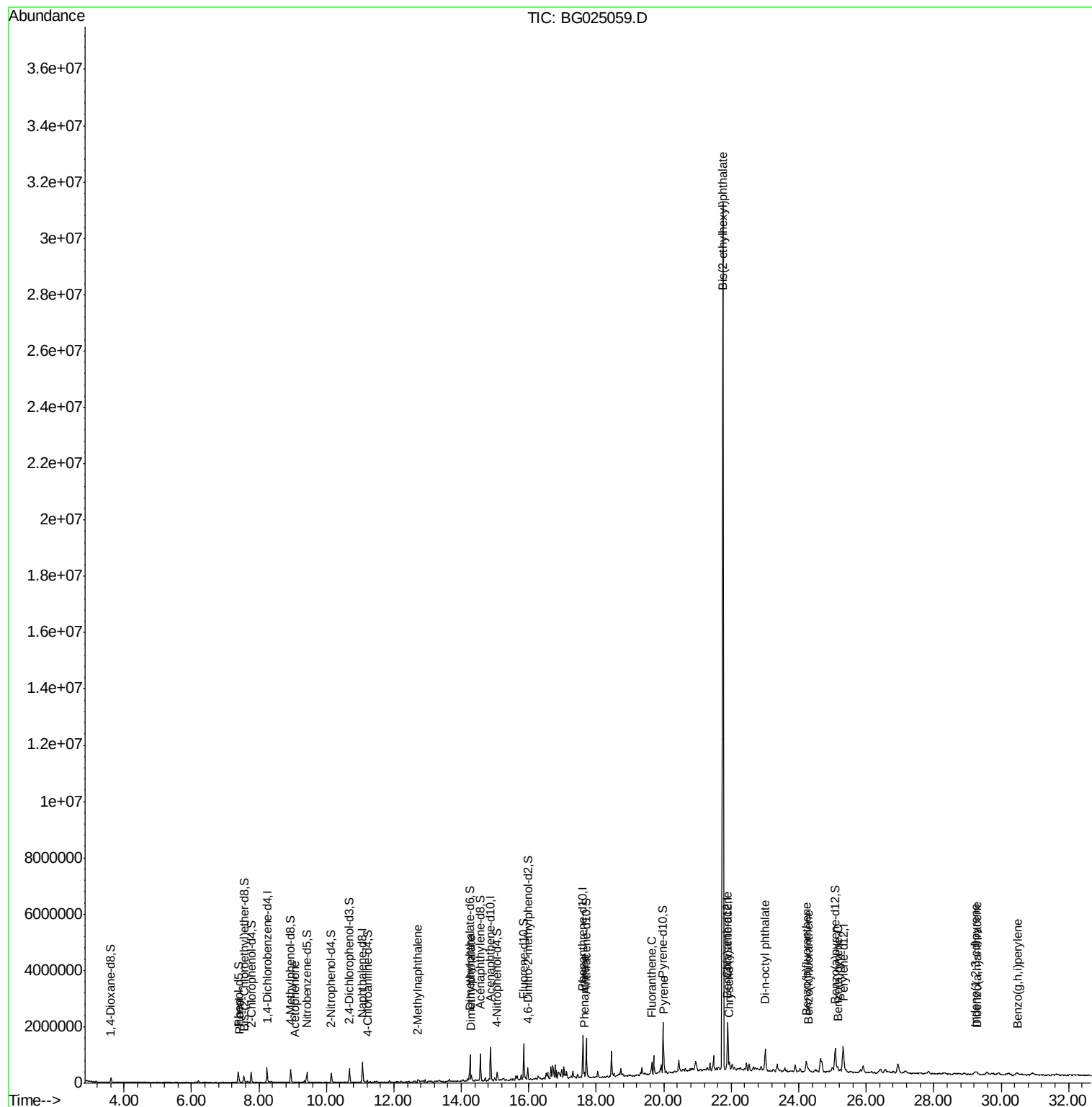
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

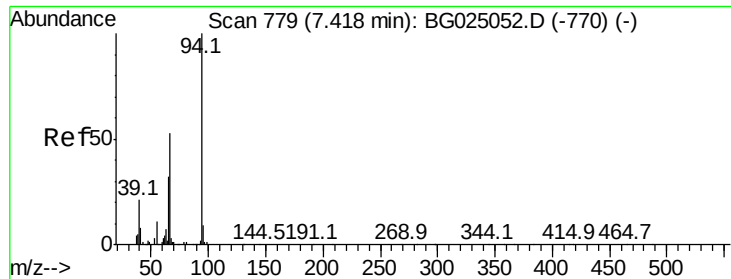
Instrument :
BNA_G
ClientSampleId :
DA7Y5

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Quant Time: Dec 12 03:38:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:10:41 2016
Response via : Initial Calibration





#6

Phenol

Concen: 3.58 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025059.D

Acq: 10 Dec 2016 7:06

Instrument :

BNA_G

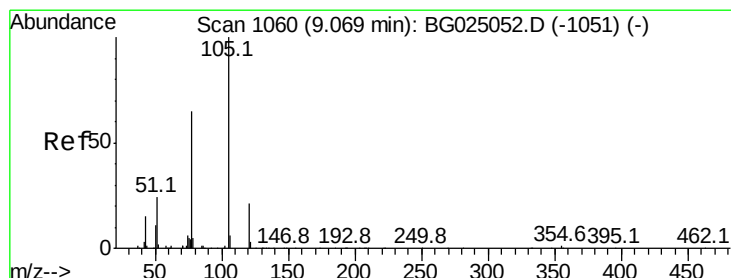
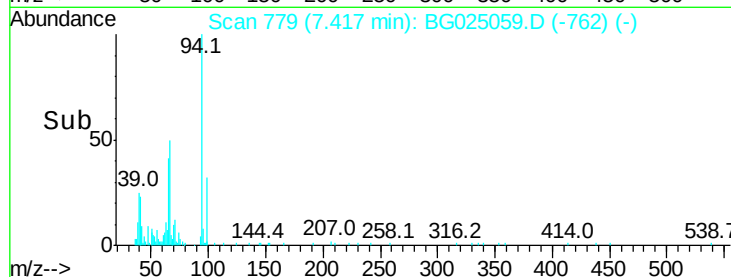
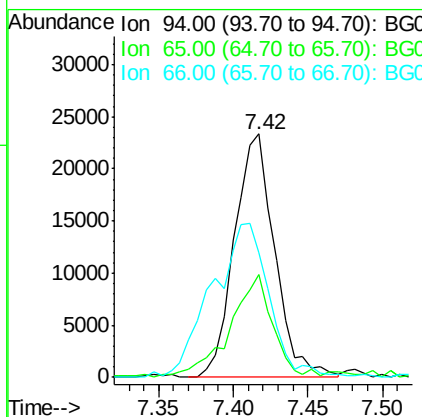
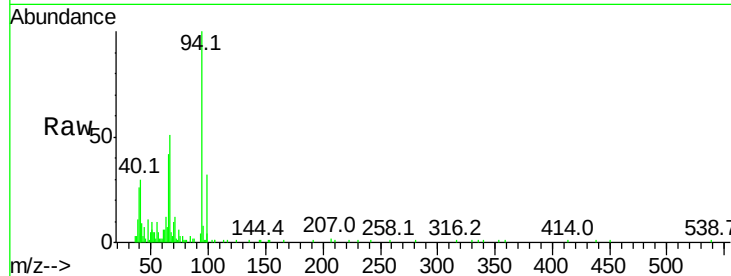
ClientSampleId :

DA7Y5

Tot Ion:	94	Resp:	43845
Ion Ratio	Lower	Upper	
94	100		
65	42.2	26.8	40.2#
66	51.3	44.4	66.6

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#14

Acetophenone

Concen: 1.13 ng/ul

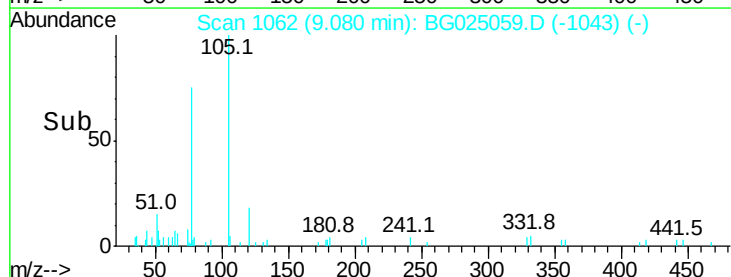
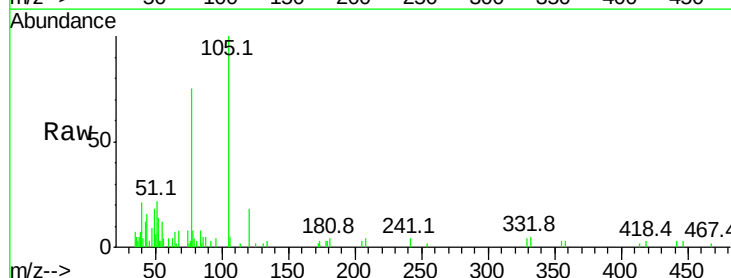
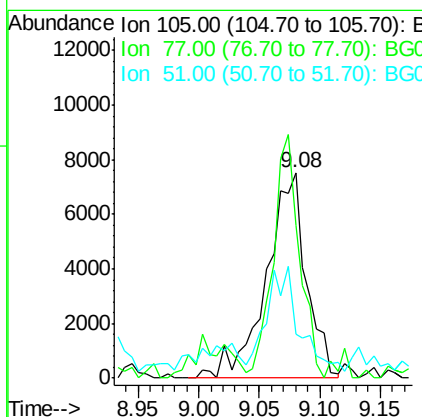
RT: 9.08 min Scan# 1062

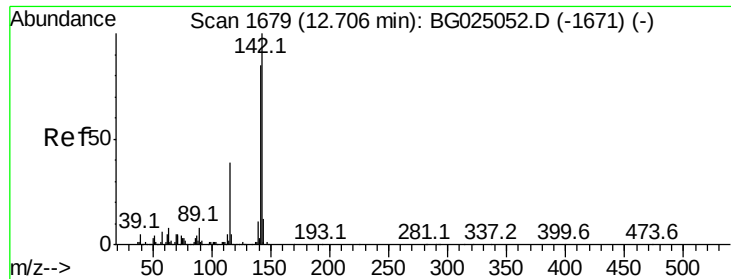
Delta R.T. 0.01 min

Lab File: BG025059.D

Acq: 10 Dec 2016 7:06

Tgt Ion:	105	Resp:	17204
Ion Ratio	Lower	Upper	
105	100		
77	74.6	76.0	114.0#
51	21.7	34.8	52.2#





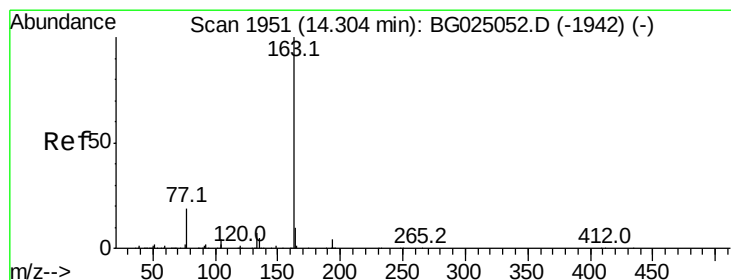
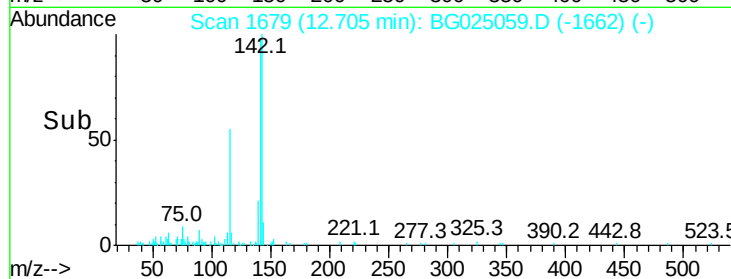
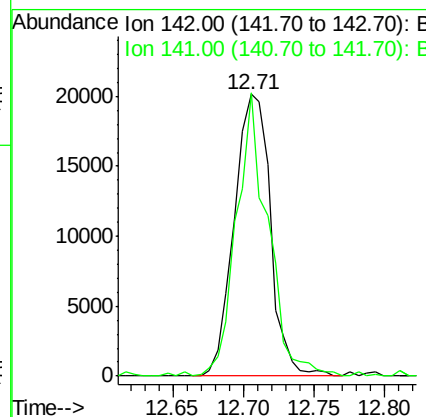
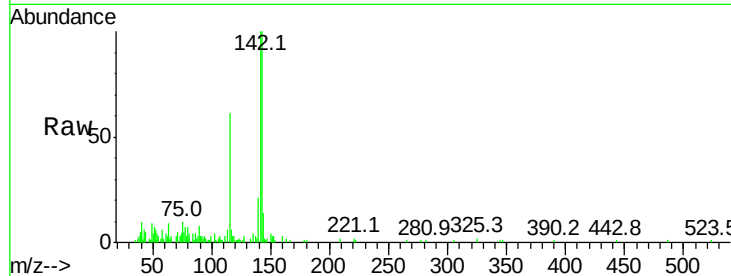
#34
 2-Methylnaphthalene
 Concen: 1.71 ng/ul
 RT: 12.71 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG025059.D
 Acq: 10 Dec 2016 7:06

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y5

Tot Ion	Ratio	Lower	Upper
142	100		
141	100.4	68.6	102.8

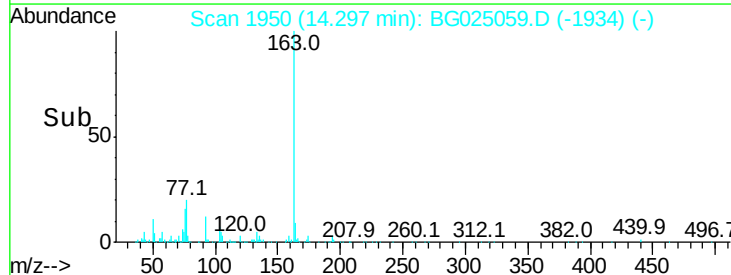
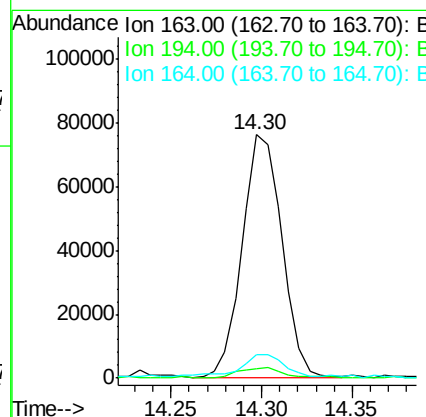
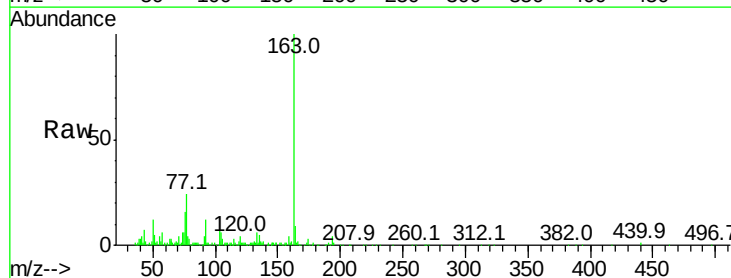
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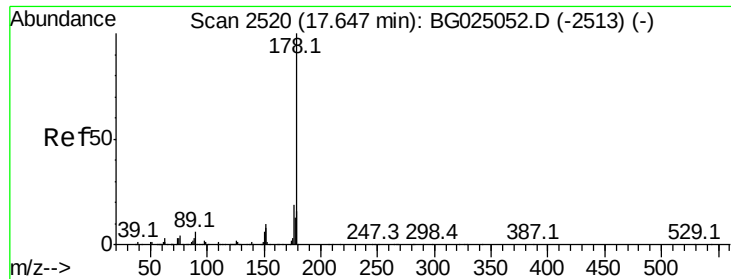
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#44
 Dimethylphthalate
 Concen: 3.81 ng/ul
 RT: 14.30 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG025059.D
 Acq: 10 Dec 2016 7:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.5	9.0	13.4





#69

Phenanthrene

Concen: 3.02 ng/ul

RT: 17.65 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025059.D

Acq: 10 Dec 2016 7:06

Instrument :

BNA_G

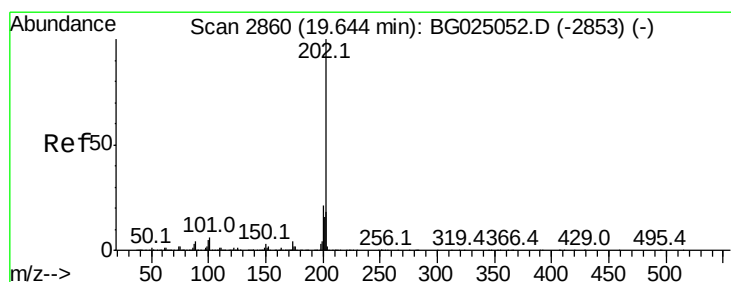
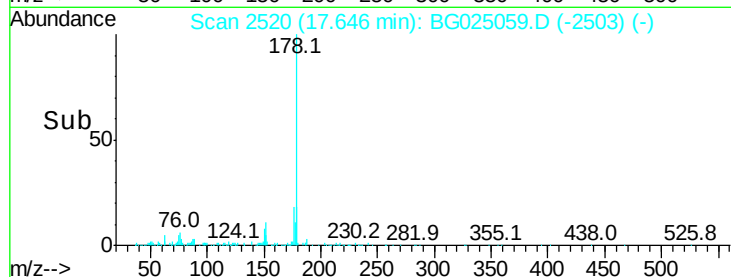
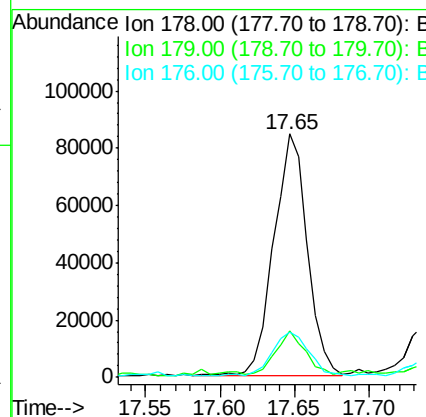
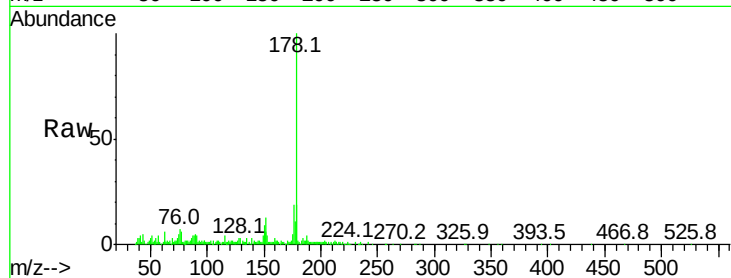
ClientSampleId :

DA7Y5

Tot Ion:	178	Resp:	131213
Ion Ratio	Lower	Upper	
178	100		
179	19.2	12.4	18.6#
176	18.7	16.5	24.7

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#74

Fluoranthene

Concen: 5.61 ng/ul

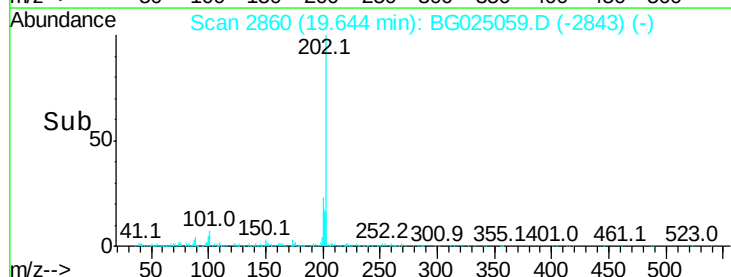
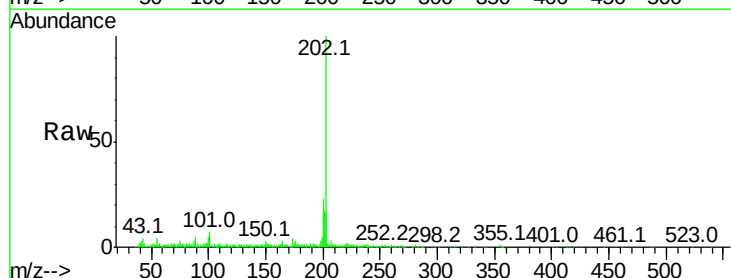
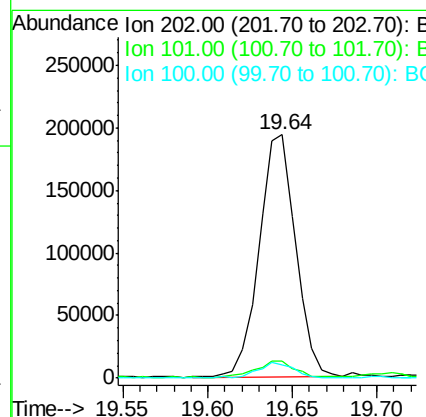
RT: 19.64 min Scan# 2860

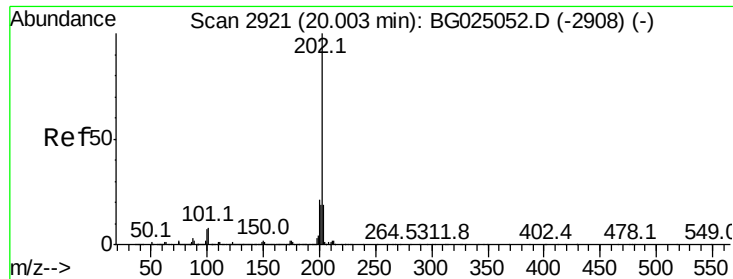
Delta R.T. -0.00 min

Lab File: BG025059.D

Acq: 10 Dec 2016 7:06

Tgt Ion:	202	Resp:	289875
Ion Ratio	Lower	Upper	
202	100		
101	6.8	6.2	9.2
100	5.3	5.2	7.8





#77

Pvrene

Concen: 4.92 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. -0.00 min

Lab File: BG025059.D

Acq: 10 Dec 2016 7:06

Instrument :

BNA_G

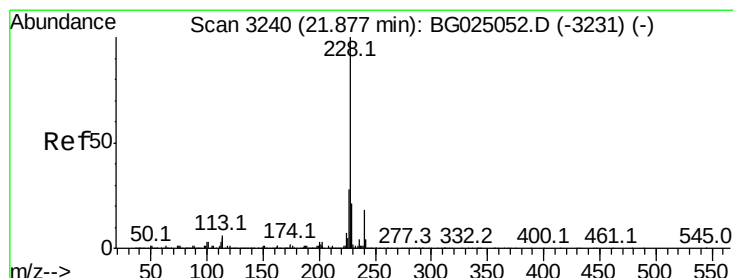
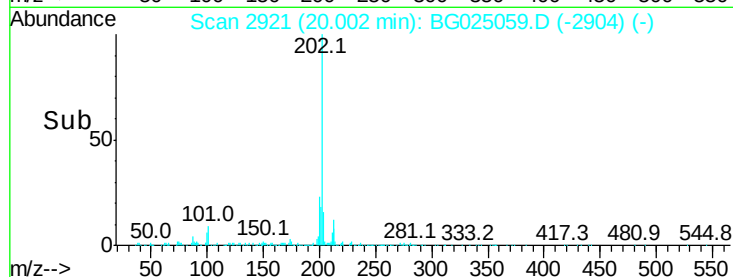
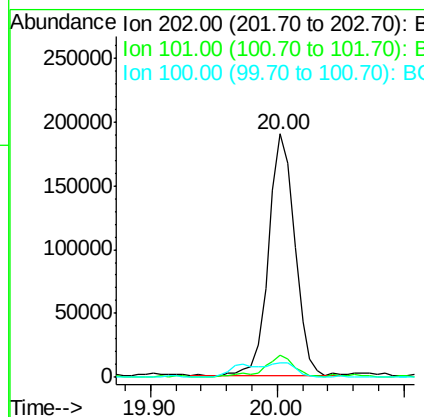
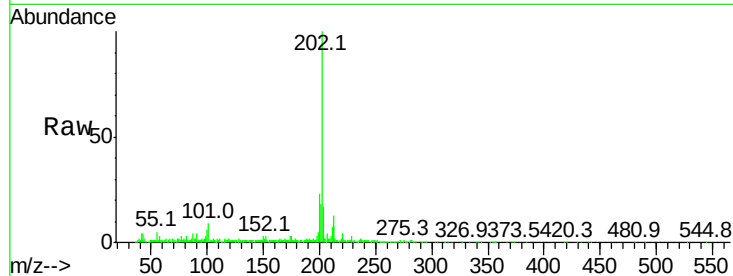
ClientSampleId :

DA7Y5

Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
202	100			
101	9.3	6.9	10.3	
100	5.8	6.6	10.0	

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#80

Benzo(a)anthracene

Concen: 3.36 ng/ul

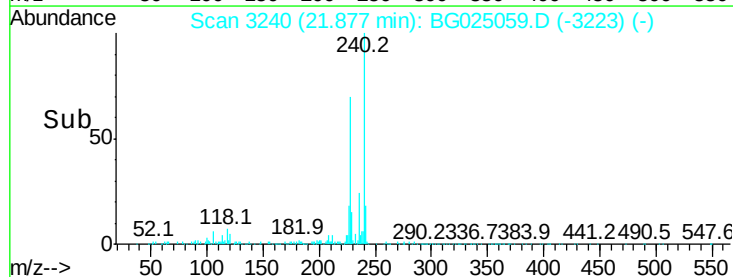
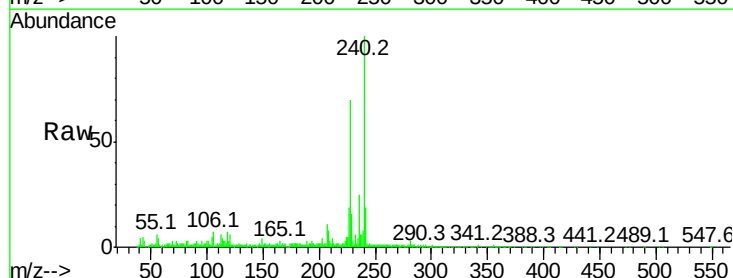
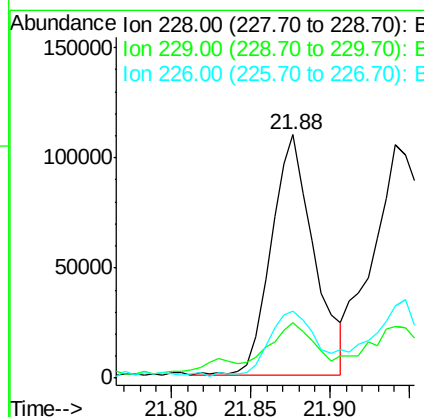
RT: 21.88 min Scan# 3240

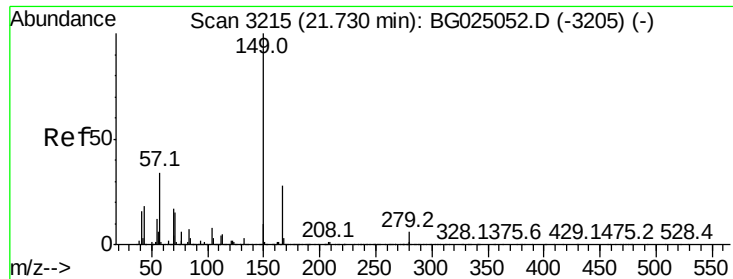
Delta R.T. -0.00 min

Lab File: BG025059.D

Acq: 10 Dec 2016 7:06

Tgt Ion	Ion	Ratio	Resp Lower	Resp Upper
228	100			
229	22.8	16.3	24.5	
226	27.3	21.9	32.9	





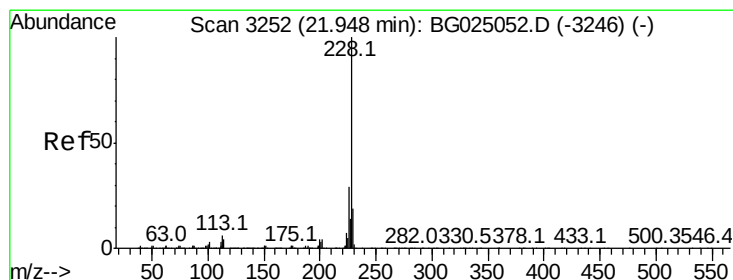
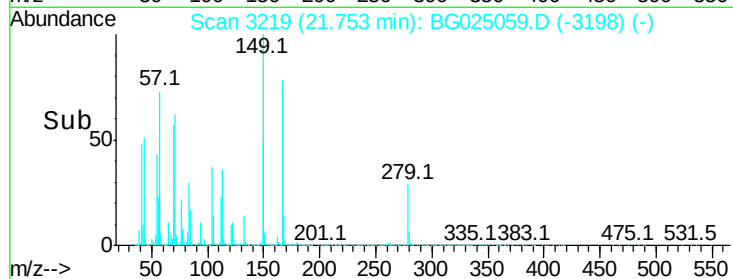
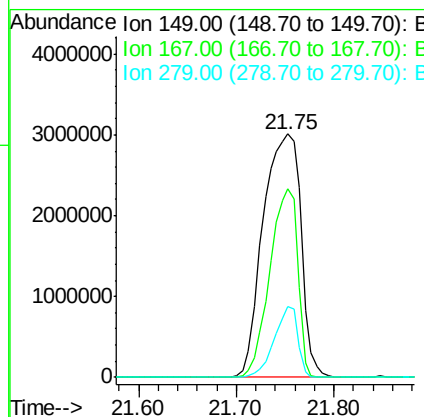
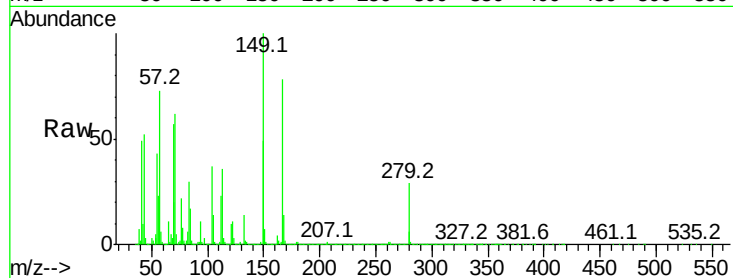
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 270.61 ng/ul
 RT: 21.75 min Scan# 3219
 Delta R.T. 0.02 min
 Lab File: BG025059.D
 Acq: 10 Dec 2016 7:06

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y5

Tot Ion	Ratio	Lower	Upper
149	100		
167	77.7	21.8	32.8#
279	29.0	4.5	6.7#

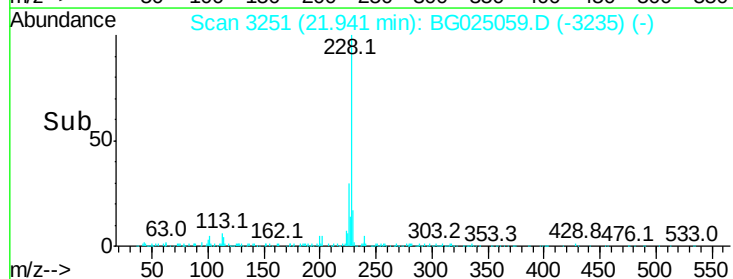
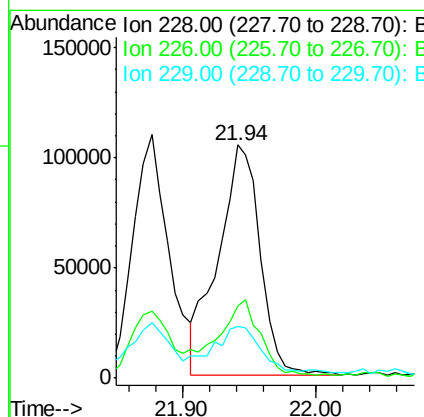
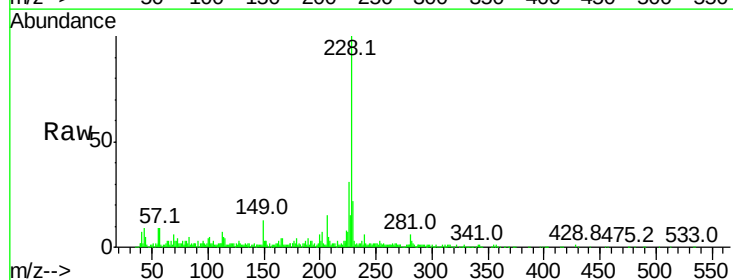
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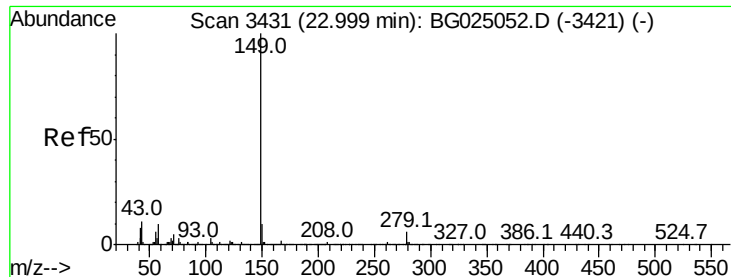
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#82
 Chrysene
 Concen: 4.09 ng/ul
 RT: 21.94 min Scan# 3251
 Delta R.T. -0.01 min
 Lab File: BG025059.D
 Acq: 10 Dec 2016 7:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	22.3	16.9	25.3





#84

Di-n-octyl phthalate

Concen: 16.08 ng/ul

RT: 23.00 min Scan# 3432

Delta R.T. 0.01 min

Lab File: BG025059.D

Acq: 10 Dec 2016 7:06

Instrument :

BNA_G

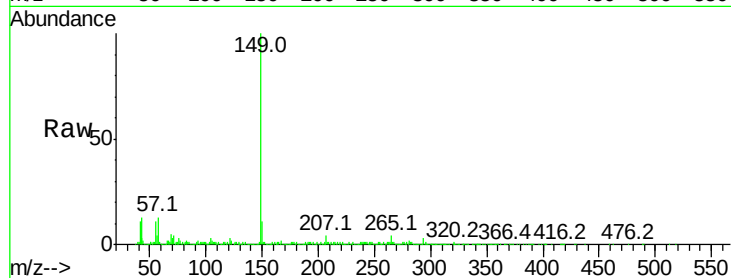
ClientSampleId :

DA7Y5

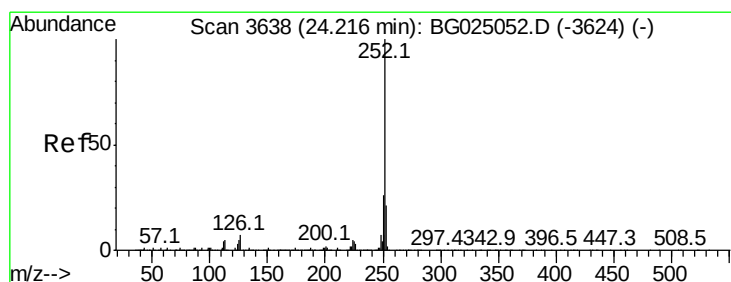
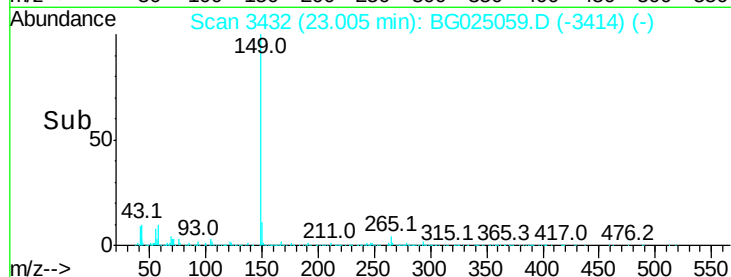
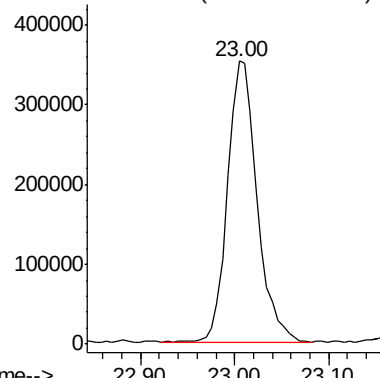
Tgt Ion:149 Resp: 766171

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Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 7.29 ng/ul

RT: 24.22 min Scan# 3639

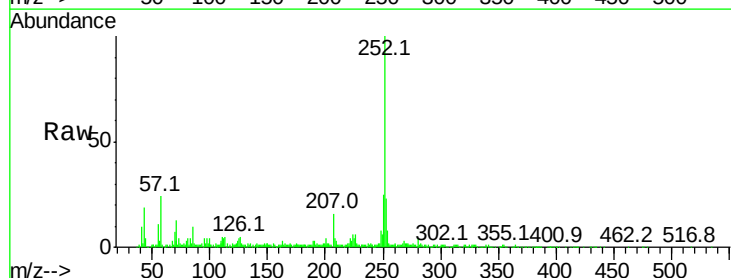
Delta R.T. 0.01 min

Lab File: BG025059.D

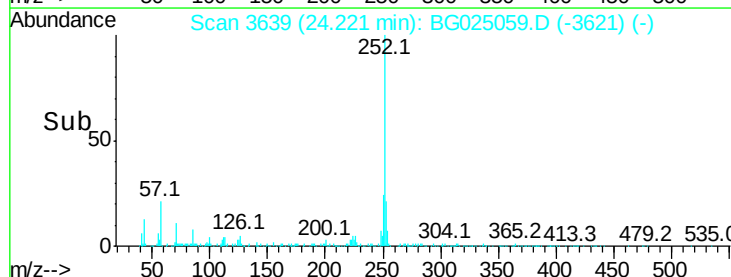
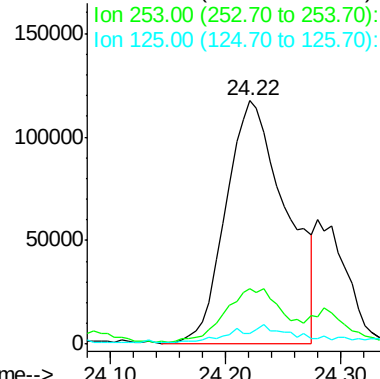
Acq: 10 Dec 2016 7:06

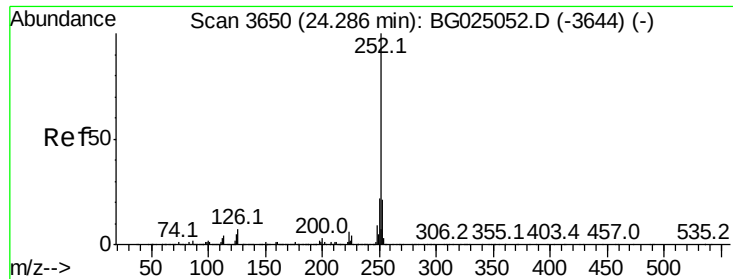
Tgt Ion:252 Resp: 424363

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	4.3	4.0	6.0



Abundance Ion 252.00 (251.70 to 252.70): E





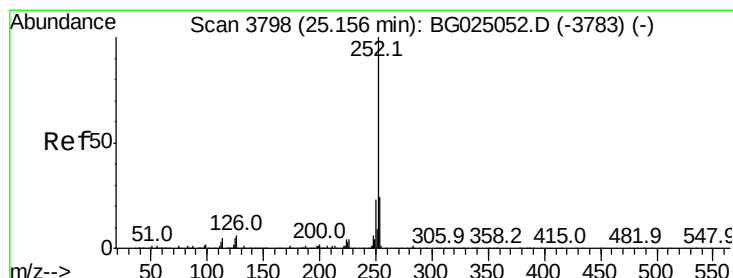
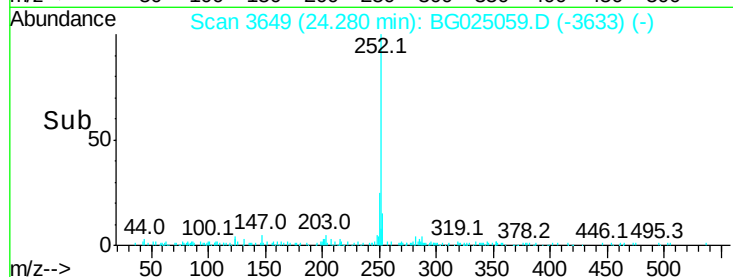
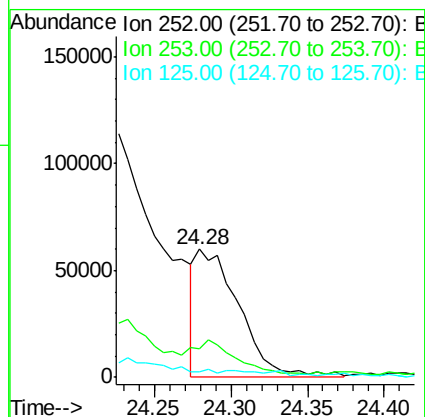
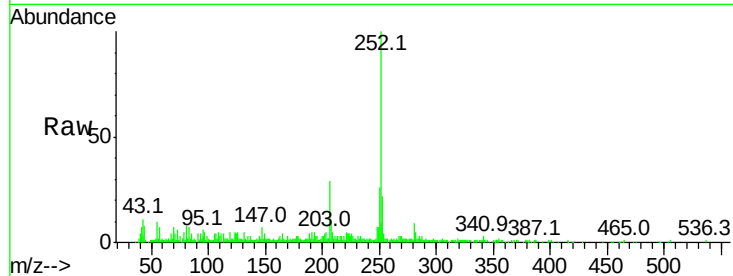
#86
Benzo(k)fluoranthene
Concen: 2.11 ng/ul m
RT: 24.28 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG025059.D
Acq: 10 Dec 2016 7:06

Instrument :
BNA_G
ClientSampleId :
DA7Y5

Tot Ion	Ratio	Resp	Lower	Upper
252	100	116678		
253	22.0		18.5	27.7
125	4.3		4.1	6.1

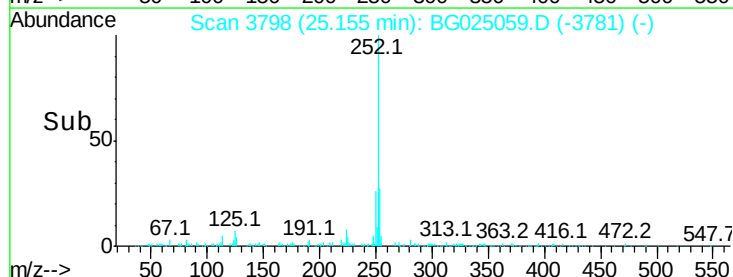
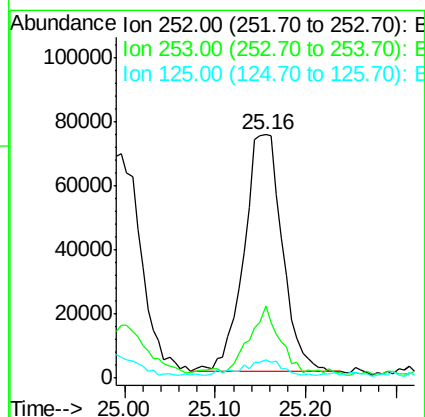
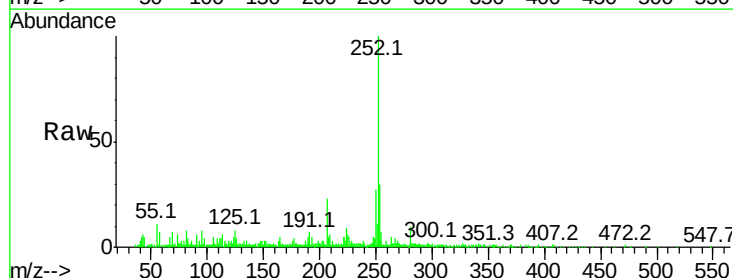
Manual Integrations
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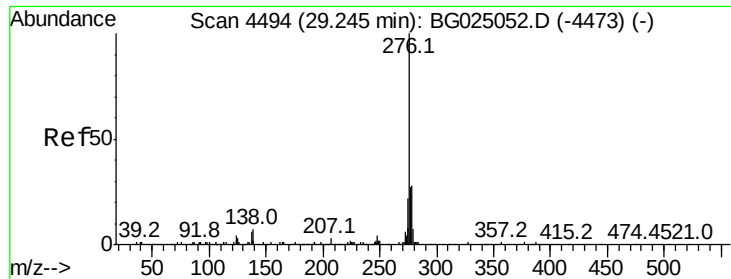
Sohil
12/12/2016 4:28:29 PM



#88
Benzo(a)pyrene
Concen: 3.87 ng/ul
RT: 25.16 min Scan# 3798
Delta R.T. -0.00 min
Lab File: BG025059.D
Acq: 10 Dec 2016 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	216632		
253	29.7		17.8	26.6#
125	7.6		5.4	8.0





#89

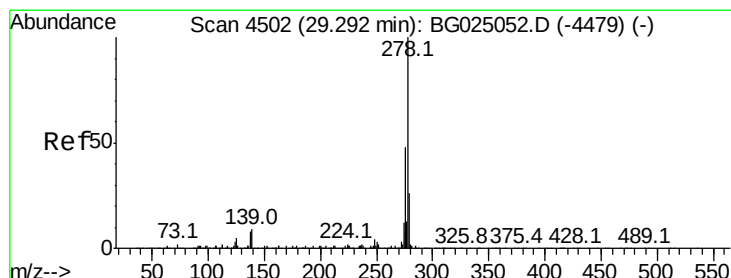
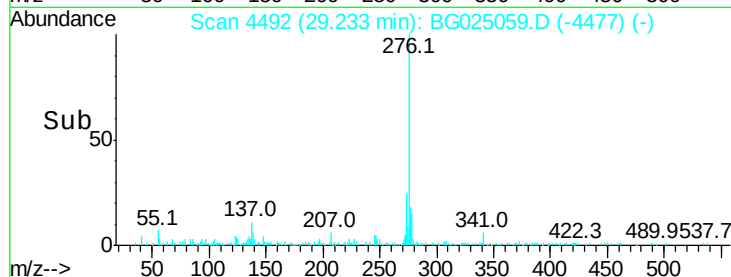
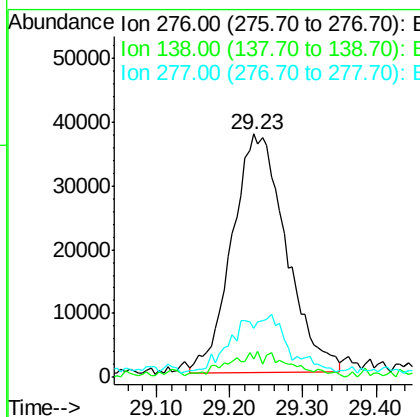
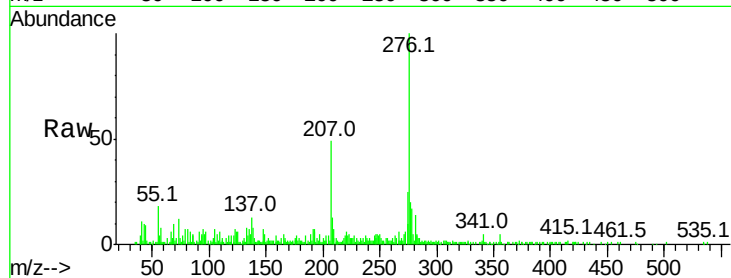
Indeno(1,2,3-cd)pyrene
Concen: 2.77 ng/ul m
RT: 29.23 min Scan# 4492
Delta R.T. -0.01 min
Lab File: BG025059.D
Acq: 10 Dec 2016 7:06

Instrument :
BNA_G
ClientSampled :
DA7Y5

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.6	8.2	12.4#
277	20.3	18.6	28.0

Manual Integrations
APPROVED

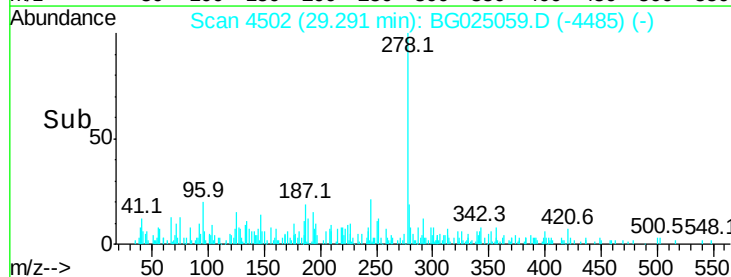
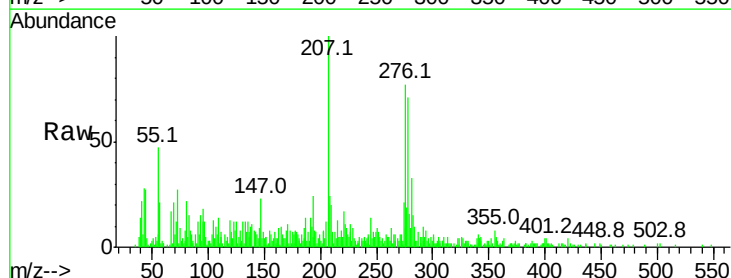
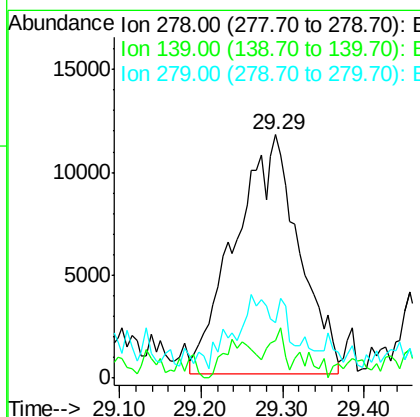
Sohil
12/12/2016 4:28:29 PM

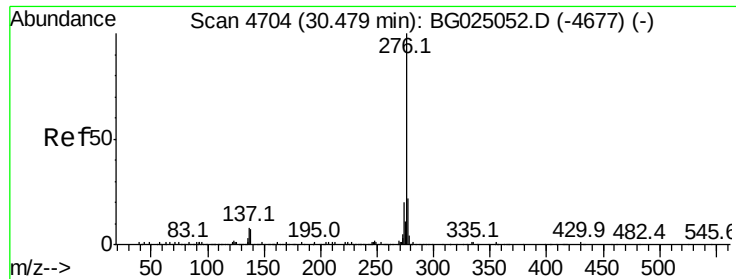


#90

Dibenzo(a,h)anthracene
Concen: 1.07 ng/ul m
RT: 29.29 min Scan# 4502
Delta R.T. -0.00 min
Lab File: BG025059.D
Acq: 10 Dec 2016 7:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	6.7	10.1#
279	22.5	20.9	31.3





#91

Benzo(a,h,i)perylene

Concen: 3.07 ng/ul m

RT: 30.48 min Scan# 4705

Delta R.T. 0.01 min

Lab File: BG025059.D

Acq: 10 Dec 2016 7:06

Instrument :

BNA_G

ClientSampleId :

DA7Y5

Tot Ion:	276	Resp:	178047
Ion Ratio	Lower	Upper	
276	100		
138	8.9	8.6	12.8
277	24.7	17.6	26.4

Manual Integrations
APPROVED

Sohil
12/12/2016 4:28:29 PM

