

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
 Data File : BG025027.D
 Acq On : 9 Dec 2016 4:29
 Operator : UM/SJ
 Sample : H5863-06 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y5

Manual Integrations
 APPROVED

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 12/9/2016 3:41:05 PM

Quant Time: Dec 09 07:20:16 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	106063	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	463746	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	372602	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	781578m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	976681m	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1023163m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	3481	1.70	ng/uL	0.00
5) Phenol-d5	7.38	99	94286	10.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	59230	10.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	69971	10.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	78780	10.30	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	36975	11.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	41980	10.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	84882	10.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	19746	2.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	288022	11.24	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	338083	12.04	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	35198	7.99	ng/ul	0.00
57) Fluorene-d10	15.85	176	269477	11.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	47198m	9.77	ng/ul	0.00
70) Anthracene-d10	17.70	188	418074	12.67	ng/ul	0.00
76) Pyrene-d10	19.97	212	504644	12.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	543916	13.12	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.41	94	19527	2.08	ng/ul	91
34) 2-Methylnaphthalene	12.71	142	17068	1.00	ng/ul#	75
44) Dimethylphthalate	14.30	163	56462	2.24	ng/ul#	94
69) Phenanthrene	17.65	178	64844	1.74	ng/ul	97
74) Fluoranthene	19.64	202	145712m	3.29	ng/ul	
77) Pyrene	20.00	202	140612	2.99	ng/ul	99
80) Benzo(a)anthracene	21.88	228	102039m	2.01	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.74	149	5500229m	217.39	ng/ul	
82) Chrysene	21.94	228	118791m	2.50	ng/ul	
84) Di-n-octyl phthalate	23.01	149	381960	9.19	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	196612	3.88	ng/ul#	96
86) Benzo(k)fluoranthene	24.28	252	69681m	1.44	ng/ul	
88) Benzo(a)pyrene	25.14	252	119150m	2.44	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.22	276	110691	1.83	ng/ul	95
91) Benzo(g,h,i)perylene	30.46	276	112956	2.23	ng/ul#	92

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

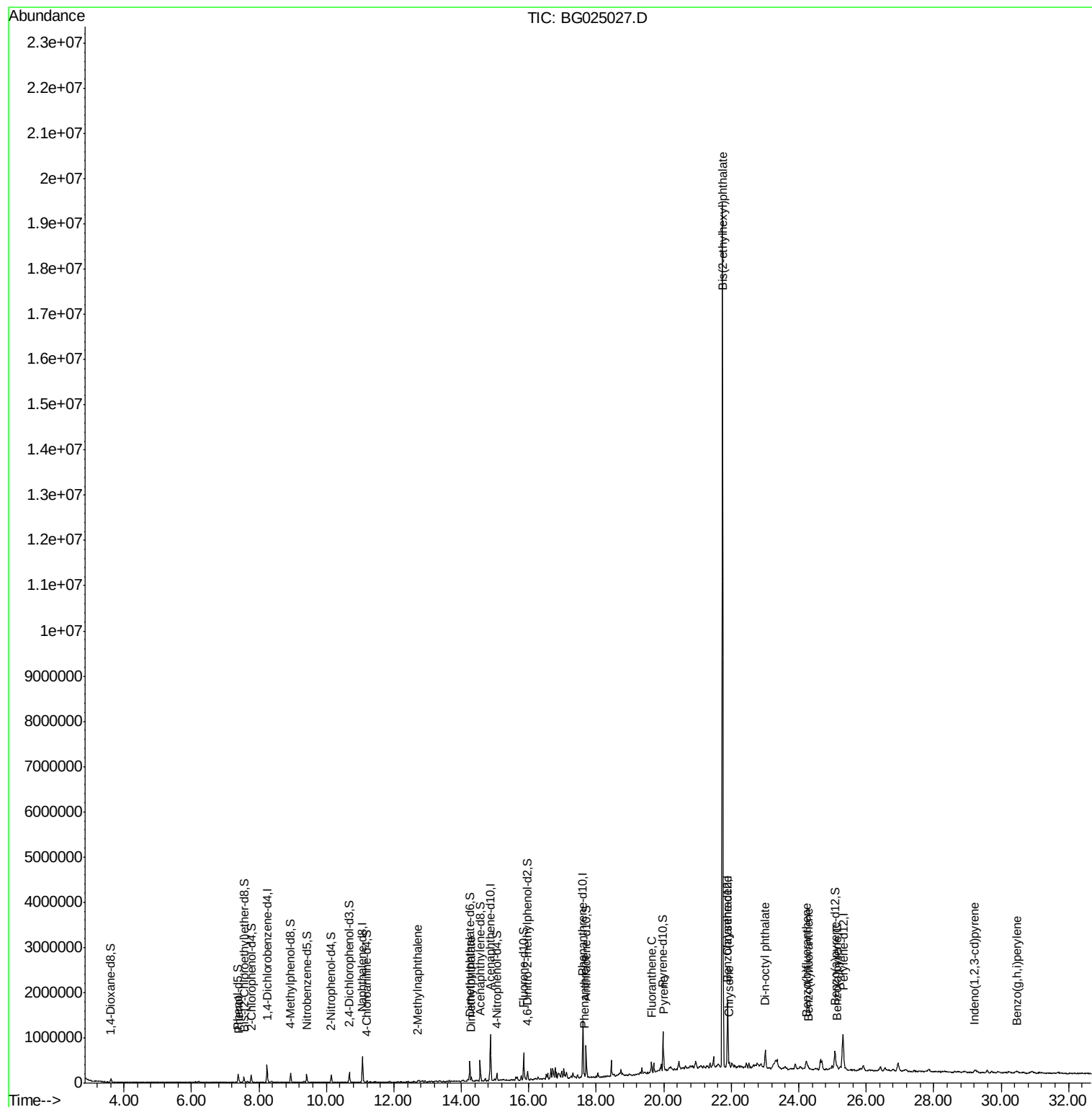
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025027.D
Acq On : 9 Dec 2016 4:29
Operator : UM/SJ
Sample : H5863-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

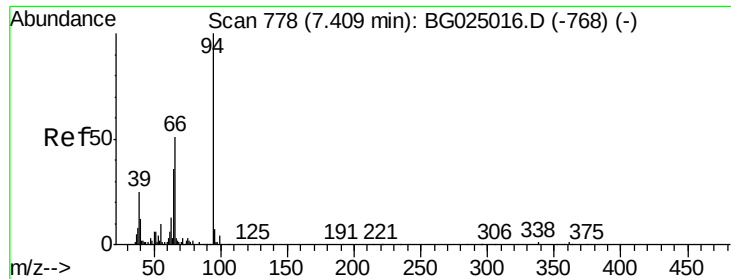
Instrument :
BNA_G
ClientSampleId :
DA7Y5

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Quant Time: Dec 09 07:20:16 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.08 ng/ul

RT: 7.41 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG025027.D

Acq: 9 Dec 2016 4:29

Instrument :

BNA_G

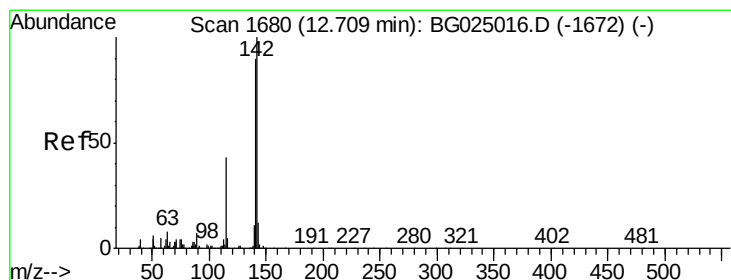
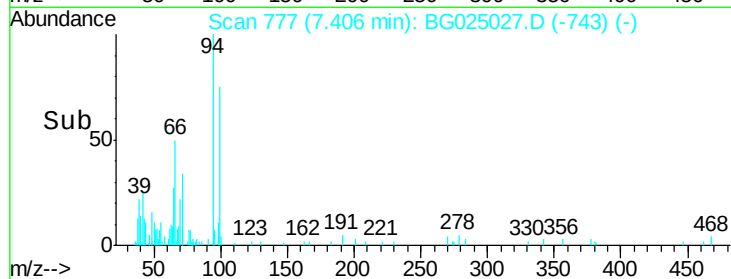
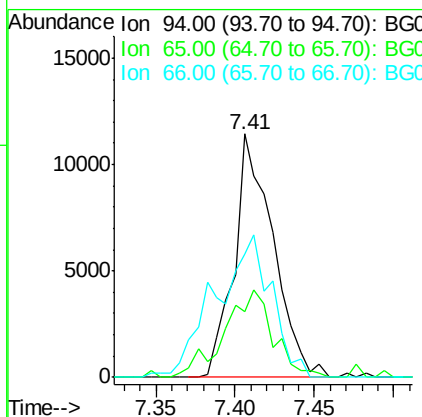
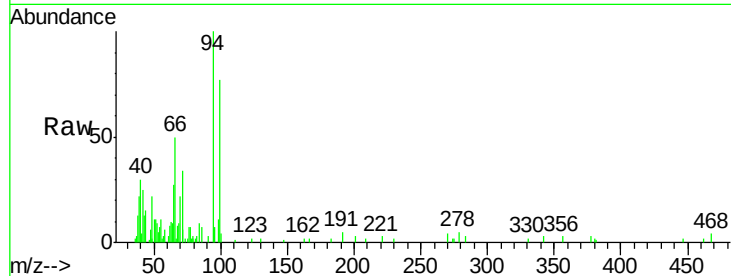
ClientSampleId :

DA7Y5

Tot Ion:	94	Resp:	19527
Ion Ratio		Lower	Upper
94	100		
65	26.9	26.8	40.2
66	50.4	44.4	66.6

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#34

2-Methylnaphthalene

Concen: 1.00 ng/ul

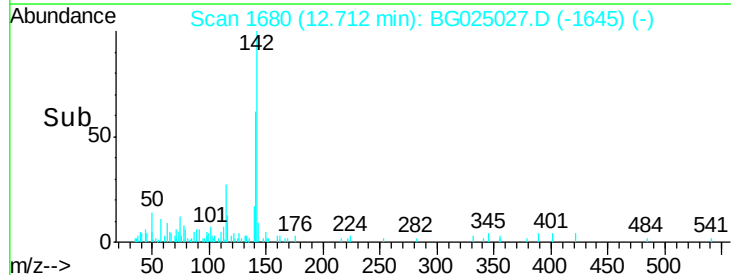
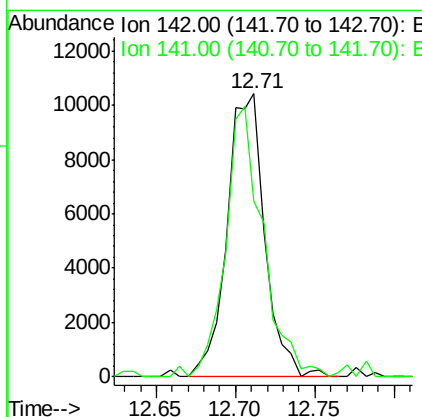
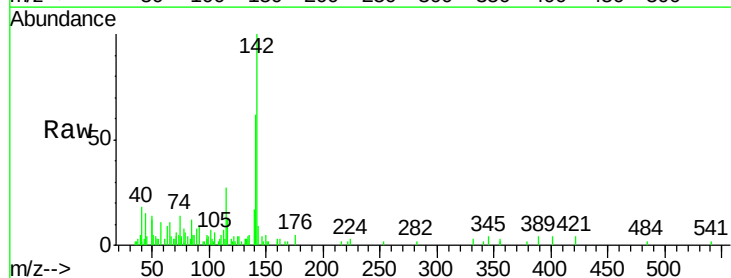
RT: 12.71 min Scan# 1680

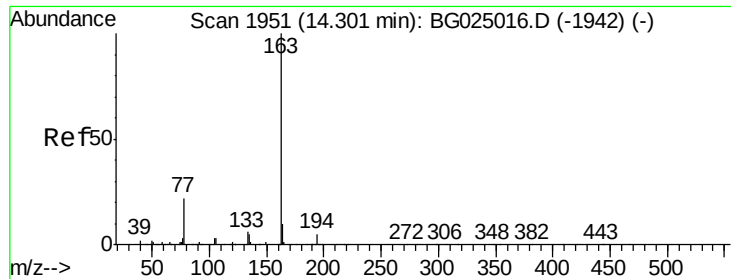
Delta R.T. 0.00 min

Lab File: BG025027.D

Acq: 9 Dec 2016 4:29

Tgt Ion:	142	Resp:	17068
Ion Ratio		Lower	Upper
142	100		
141	62.3	68.6	102.8#





#44

Dimethylphthalate

Concen: 2.24 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025027.D

Acq: 9 Dec 2016 4:29

Instrument :

BNA_G

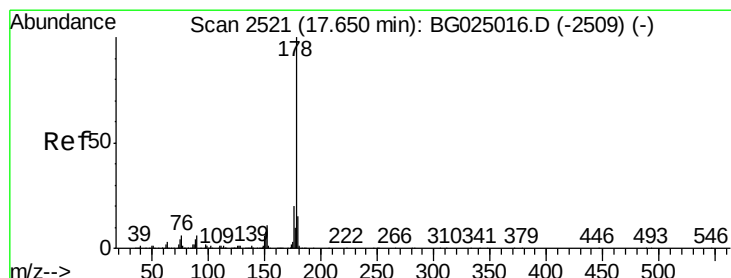
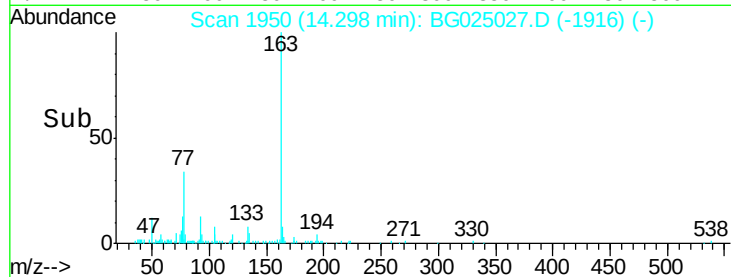
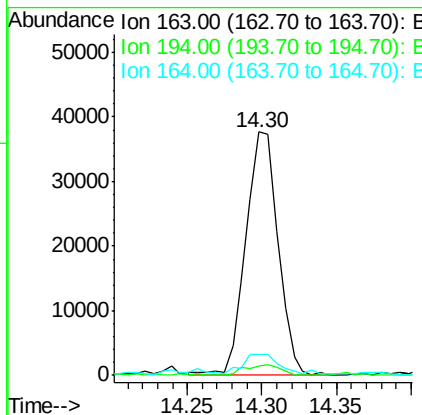
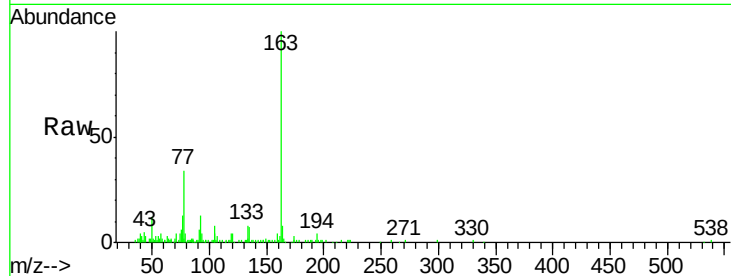
ClientSampled :

DA7Y5

Tot Ion:	163	Resp:	56462
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.0
164	8.3	9.0	13.4#

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#69

Phenanthrene

Concen: 1.74 ng/ul

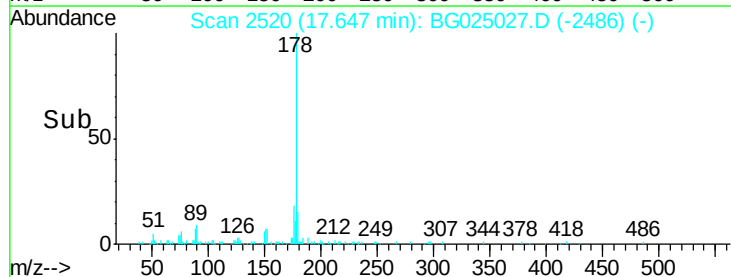
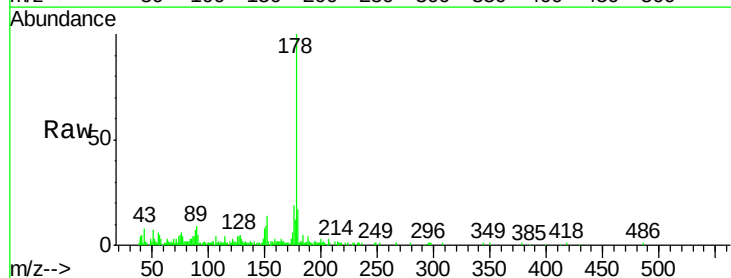
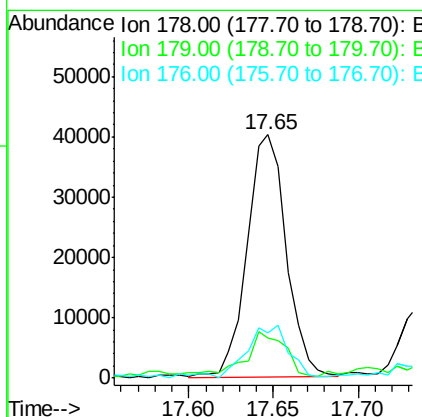
RT: 17.65 min Scan# 2520

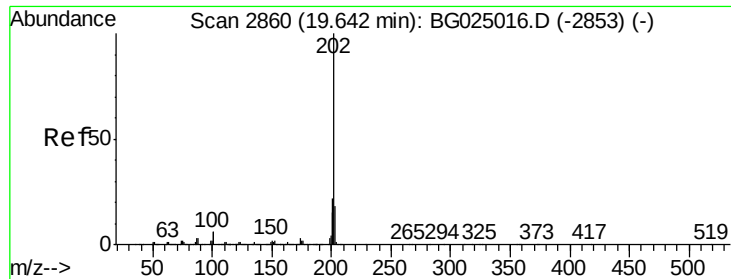
Delta R.T. -0.00 min

Lab File: BG025027.D

Acq: 9 Dec 2016 4:29

Tgt Ion:	178	Resp:	64844
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.4	18.6
176	18.8	16.5	24.7





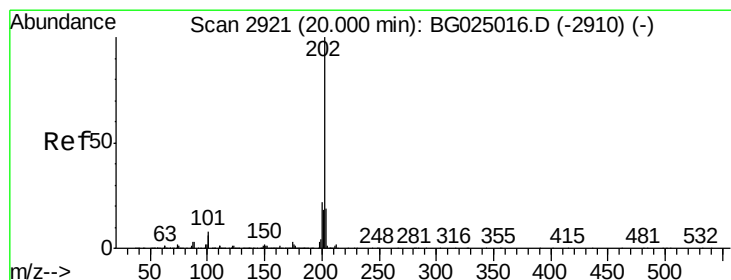
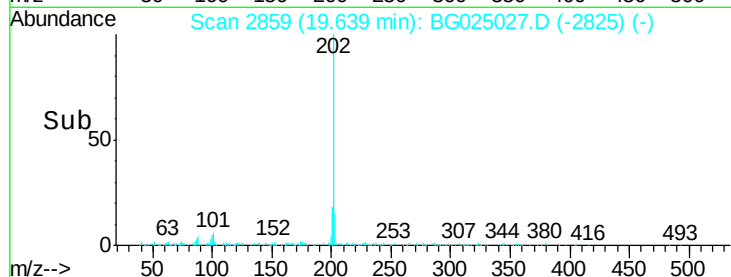
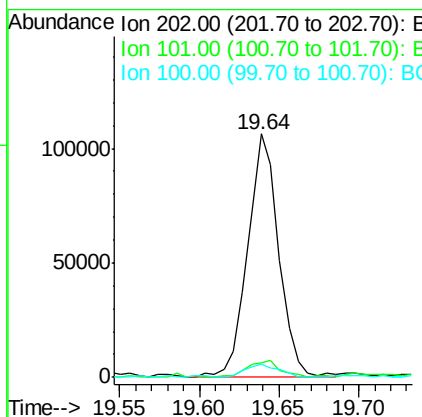
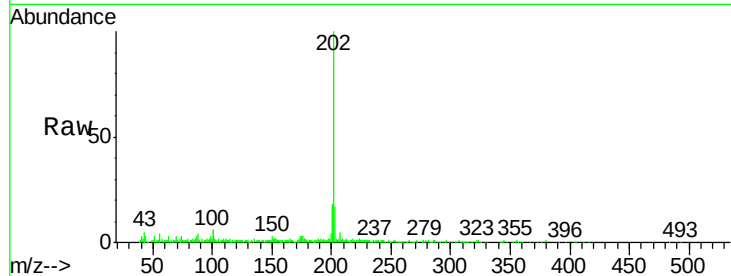
#74
Fluoranthene
Concen: 3.29 ng/ul m
RT: 19.64 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG025027.D
Acq: 9 Dec 2016 4:29

Instrument :
BNA_G
ClientSampleId :
DA7Y5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.0	6.2	9.2#
100	5.6	5.2	7.8

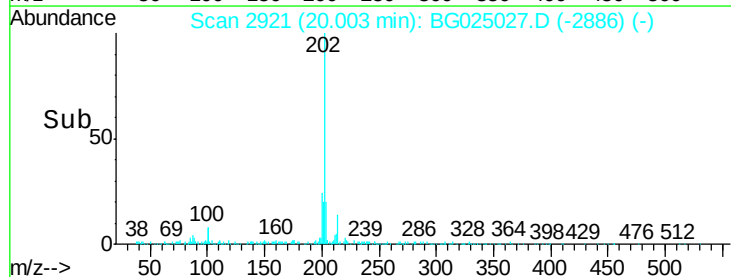
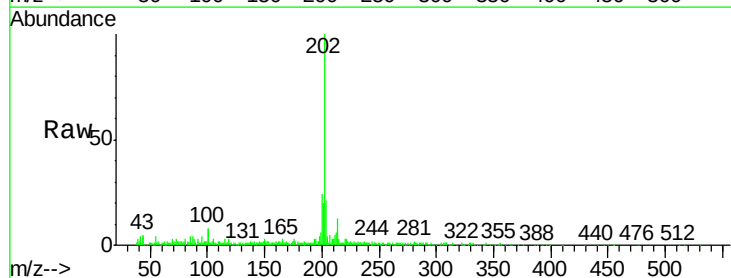
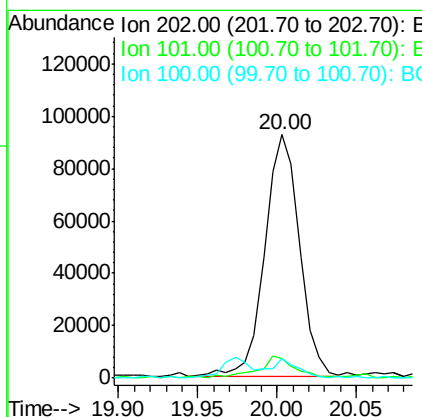
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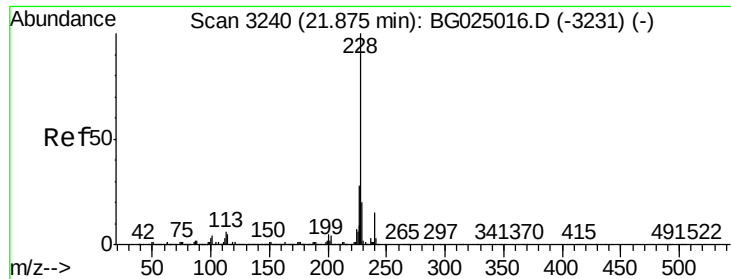
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#77
Pyrene
Concen: 2.99 ng/ul
RT: 20.00 min Scan# 2921
Delta R.T. 0.00 min
Lab File: BG025027.D
Acq: 9 Dec 2016 4:29

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	6.9	10.3
100	8.2	6.6	10.0





#80

Benzo(a)anthracene

Concen: 2.01 ng/ul m

RT: 21.88 min Scan# 3240

Delta R.T. 0.00 min

Lab File: BG025027.D

Acq: 9 Dec 2016 4:29

Instrument :

BNA_G

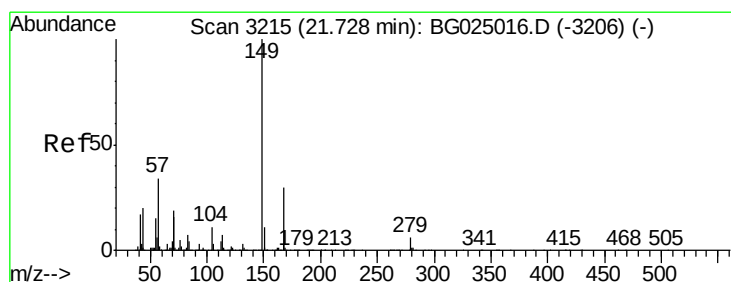
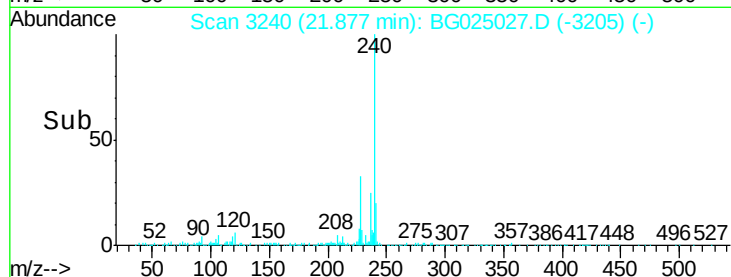
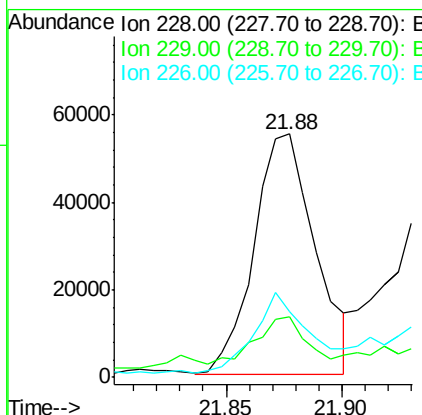
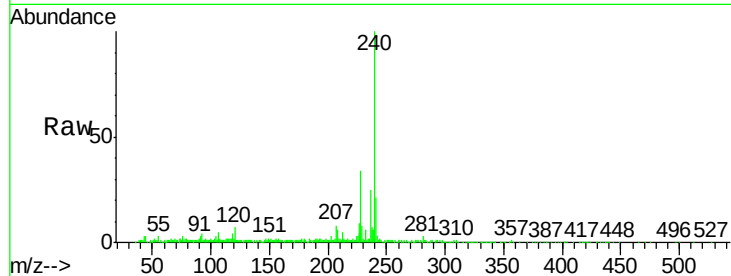
ClientSampled :

DA7Y5

Tot Ion:	228	Resp:	102039
Ion Ratio	Lower	Upper	
228	100		
229	25.0	16.3	24.5#
226	26.7	21.9	32.9

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#81

Bis(2-ethylhexyl)phthalate

Concen: 217.39 ng/ul m

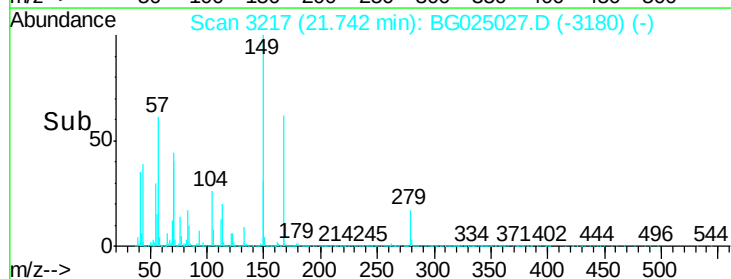
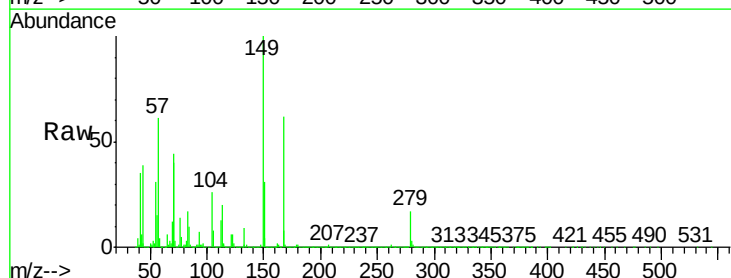
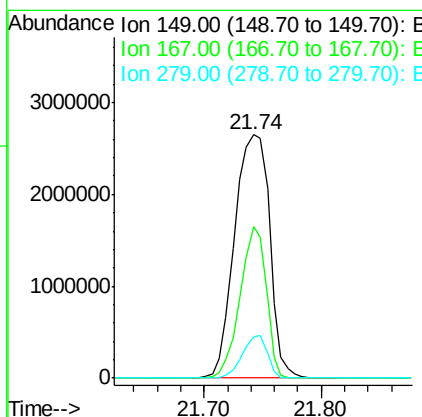
RT: 21.74 min Scan# 3217

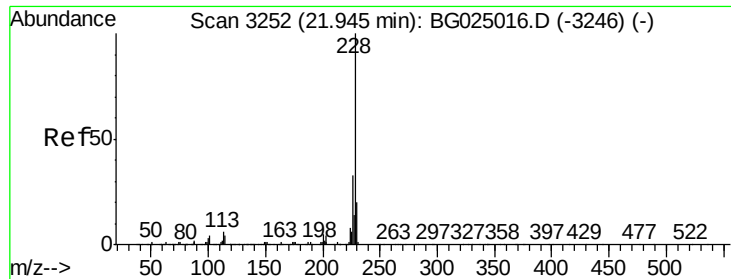
Delta R.T. 0.01 min

Lab File: BG025027.D

Acq: 9 Dec 2016 4:29

Tgt Ion:	149	Resp:	5500229
Ion Ratio	Lower	Upper	
149	100		
167	62.2	21.8	32.8#
279	17.0	4.5	6.7#





#82

Chrysene

Concen: 2.50 ng/ul m

RT: 21.94 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BG025027.D

Acq: 9 Dec 2016 4:29

Instrument :

BNA_G

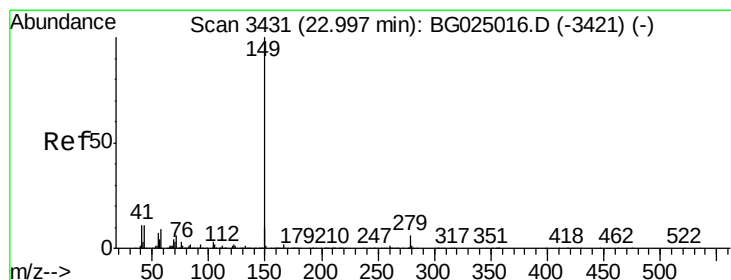
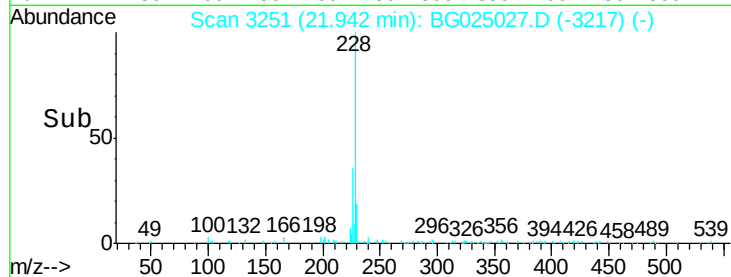
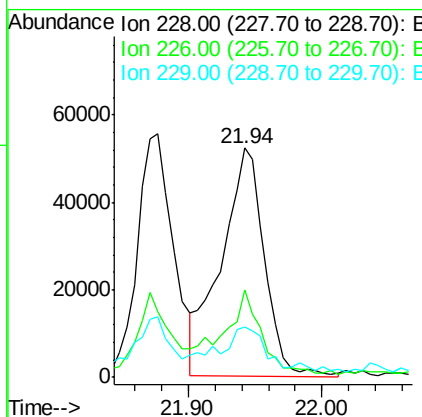
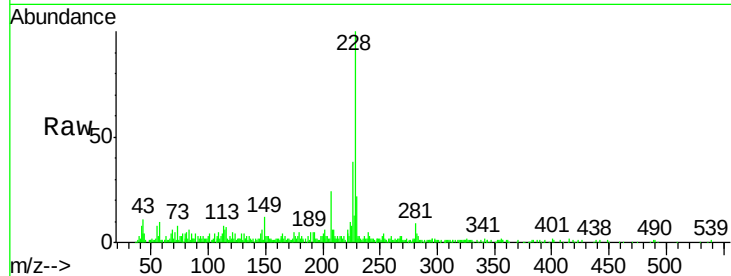
ClientSampled :

DA7Y5

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.3	24.0	36.0#
229	21.8	16.9	25.3

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#84

Di-n-octyl phthalate

Concen: 9.19 ng/ul

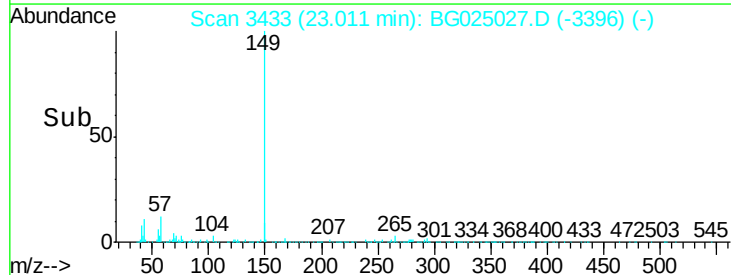
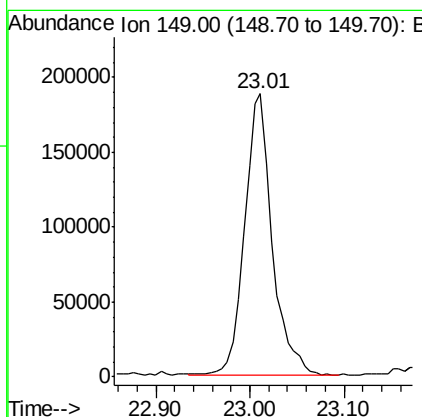
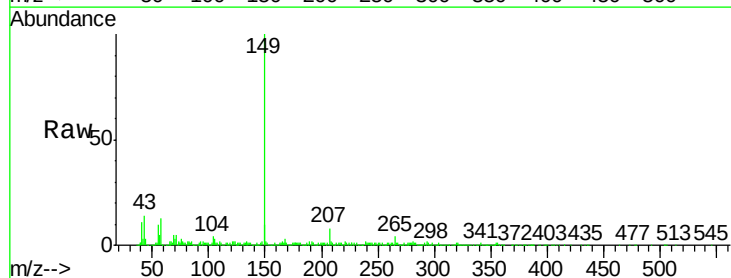
RT: 23.01 min Scan# 3433

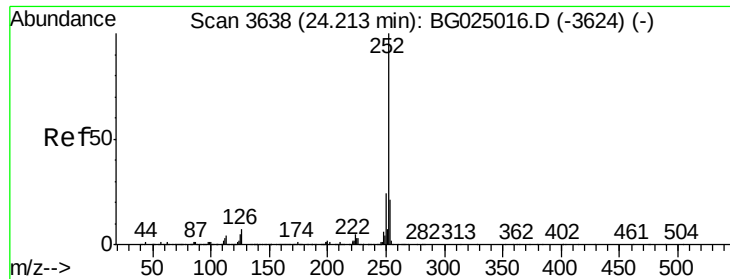
Delta R.T. 0.01 min

Lab File: BG025027.D

Acq: 9 Dec 2016 4:29

Tgt Ion:149 Resp: 381960





#85

Benzo(b)fluoranthene

Concen: 3.88 ng/ul

RT: 24.22 min Scan# 3638

Delta R.T. 0.00 min

Lab File: BG025027.D

Acq: 9 Dec 2016 4:29

Instrument :

BNA_G

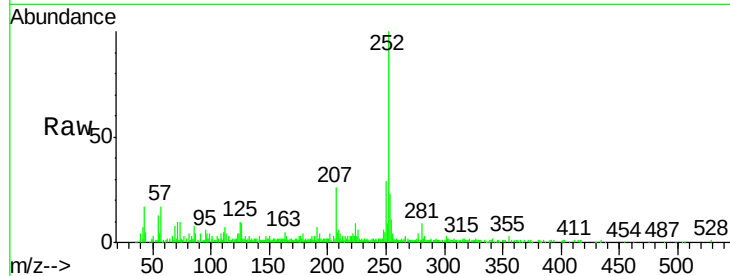
ClientSampleId :

DA7Y5

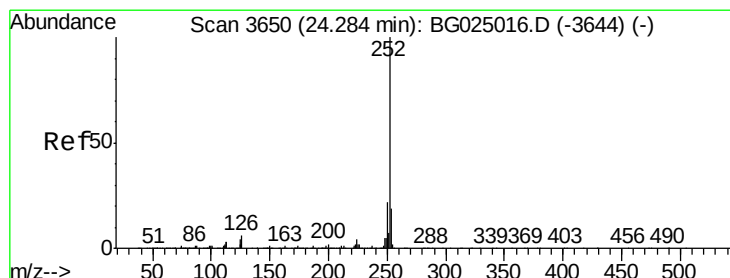
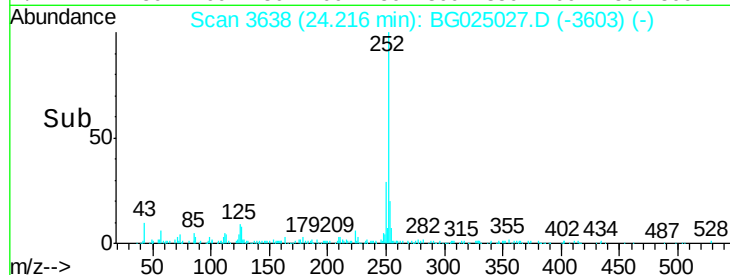
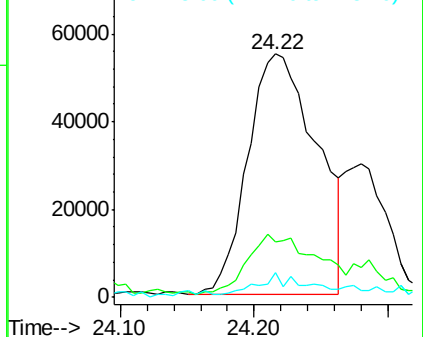
Tot Ion:	252	Resp:	196612
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.7	26.5
125	10.3	4.0	6.0#

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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



#86

Benzo(k)fluoranthene

Concen: 1.44 ng/ul m

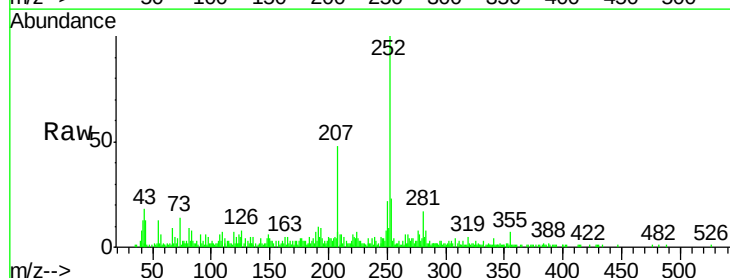
RT: 24.28 min Scan# 3649

Delta R.T. -0.00 min

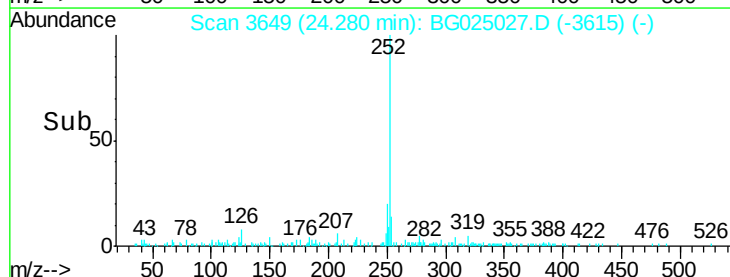
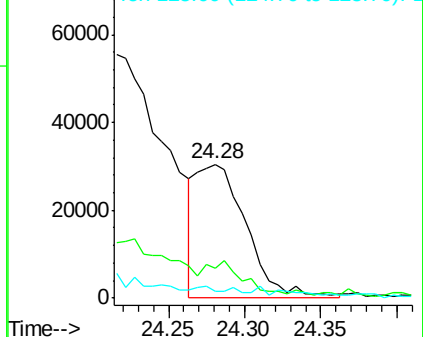
Lab File: BG025027.D

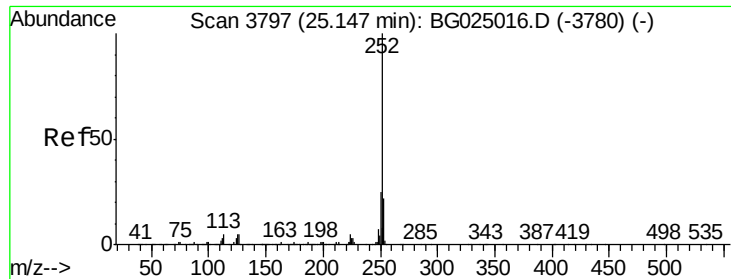
Acq: 9 Dec 2016 4:29

Tgt Ion:	252	Resp:	69681
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.5	27.7
125	4.8	4.1	6.1



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





#88

Benzo(a)pyrene

Concen: 2.44 ng/ul m

RT: 25.14 min Scan# 3796

Delta R.T. -0.00 min

Lab File: BG025027.D

Acq: 9 Dec 2016 4:29

Instrument :

BNA_G

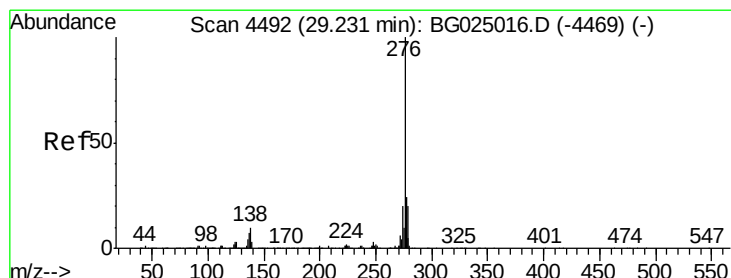
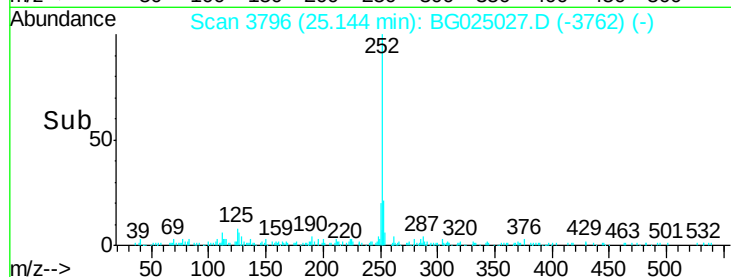
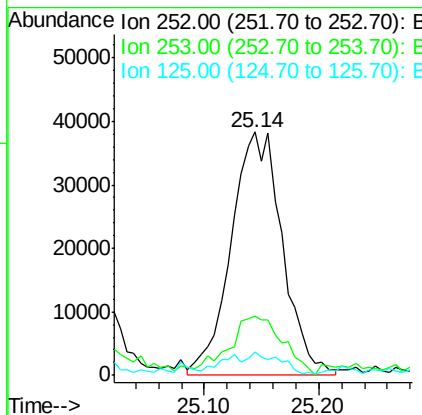
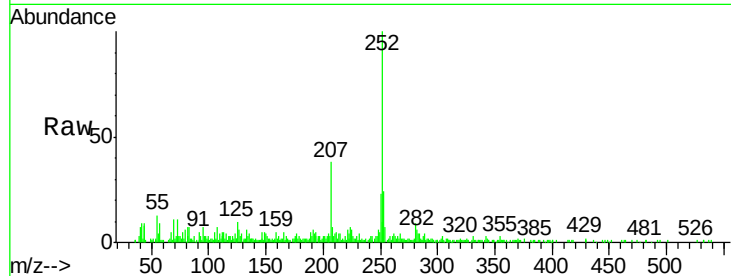
ClientSampled :

DA7Y5

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	9.9	5.4	8.0

Manual Integrations
APPROVED

sohil
12/9/2016 3:41:05 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.83 ng/ul

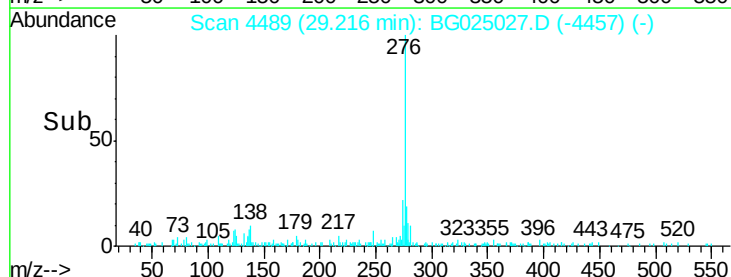
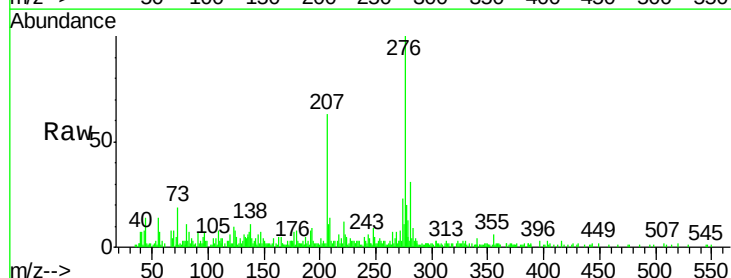
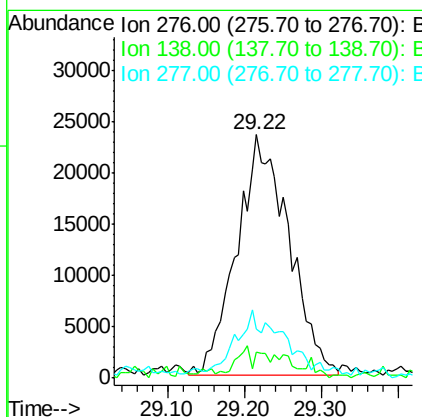
RT: 29.22 min Scan# 4489

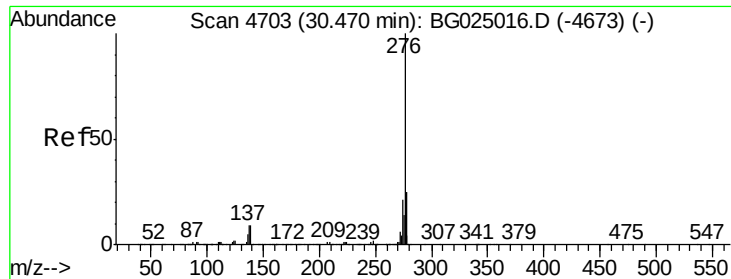
Delta R.T. -0.01 min

Lab File: BG025027.D

Acq: 9 Dec 2016 4:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.8	8.2	12.4
277	20.3	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 2.23 ng/ul
 RT: 30.46 min Scan# 4700
 Delta R.T. -0.01 min
 Lab File: BG025027.D
 Acq: 9 Dec 2016 4:29

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y5

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.0	8.6	12.8#
277	19.6	17.6	26.4

Manual Integrations
 APPROVED

sohil
 12/9/2016 3:41:05 PM

