

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
 Data File : BG017792.D
 Acq On : 7 Jul 2015 12:19
 Operator : TP/UM
 Sample : G2860-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G93J0

Manual Integrations
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apatel
 7/9/2015 8:30:33 AM

Quant Time: Jul 08 04:04:54 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 03:36:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	57806	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	293603	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	189755	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	380765	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	383089	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	389201	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	3614	2.47	ng/uL	0.00
5) Phenol-d5	6.78	99	77146	15.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	44511	15.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	64530	15.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	59302	14.85	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	30953	14.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	32717	14.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	58159	13.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	55176	9.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	164124	13.07	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	230651	13.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	24096	9.56	ng/ul	0.00
57) Fluorene-d10	15.25	176	167114	13.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	11194	6.34	ng/ul	0.00
70) Anthracene-d10	17.11	188	231907	13.36	ng/ul	0.00
78) Pyrene-d10	19.41	212	237709	13.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	230554	13.45	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.81	94	7735	1.47	ng/ul#	89
14) Acetophenone	8.42	105	52269	8.88	ng/ul	96
44) Dimethylphthalate	13.72	163	52568	3.77	ng/ul	98
69) Phenanthrene	17.05	178	226156	10.87	ng/ul	98
71) Anthracene	17.14	178	43759	2.04	ng/ul	97
76) Fluoranthene	19.08	202	415001	20.70	ng/ul	97
79) Pyrene	19.44	202	463919	19.84	ng/ul	99
82) Benzo(a)anthracene	21.19	228	289602	13.72	ng/ul#	95
84) Chrysene	21.24	228	281073	14.06	ng/ul	96
87) Benzo(b)fluoranthene	22.77	252	443133	19.92	ng/ul#	92
88) Benzo(k)fluoranthene	22.81	252	116037m	5.53	ng/ul	
90) Benzo(a)pyrene	23.34	252	328567	15.54	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.69	276	223291	9.67	ng/ul	96
92) Dibenzo(a,h)anthracene	25.70	278	61257m	3.14	ng/ul	
93) Benzo(g,h,i)perylene	26.38	276	101266	5.24	ng/ul	95

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

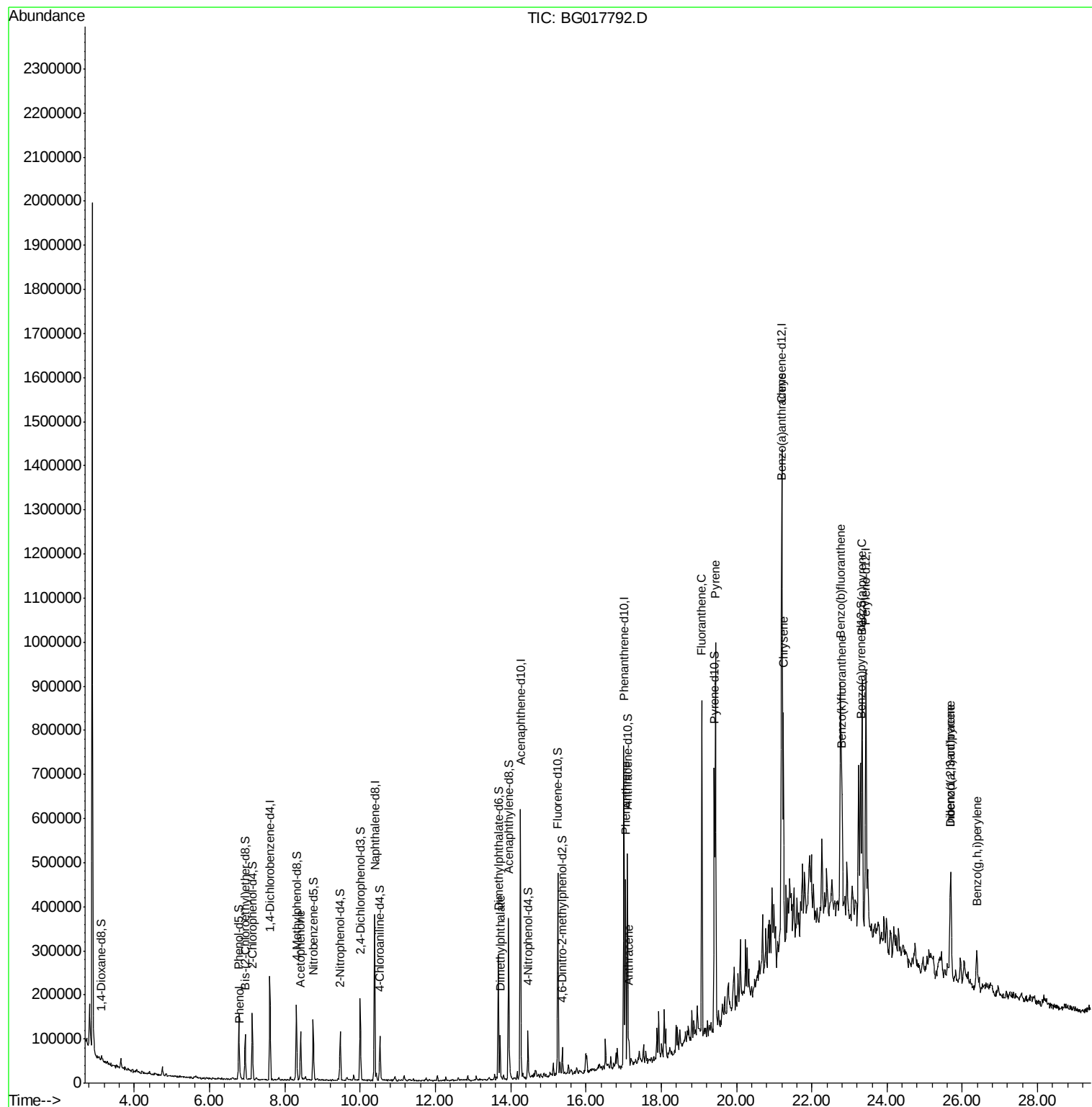
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
Data File : BG017792.D
Acq On : 7 Jul 2015 12:19
Operator : TP/UM
Sample : G2860-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

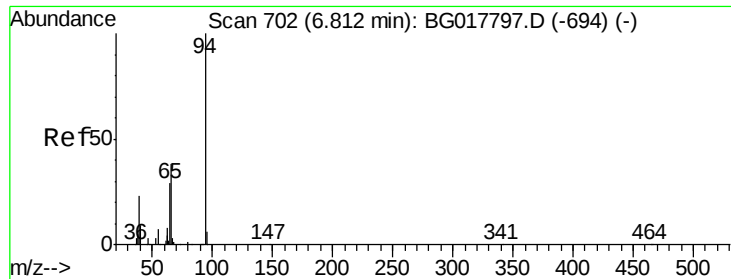
Instrument :
BNA_G
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G93J0

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Quant Time: Jul 08 04:04:54 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 03:36:17 2015
Response via : Initial Calibration





#6

Phenol

Concen: 1.47 ng/ul

RT: 6.81 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG017792.D

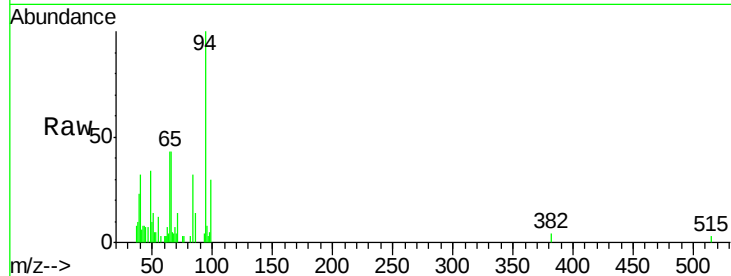
Acq: 7 Jul 2015 12:19

Instrument :

BNA_G

ClientSampleId :

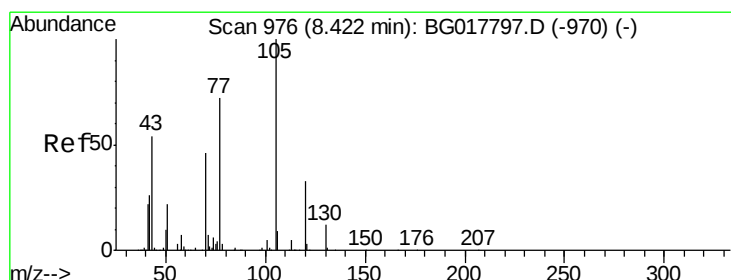
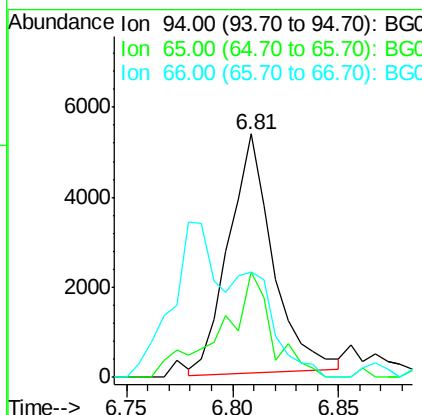
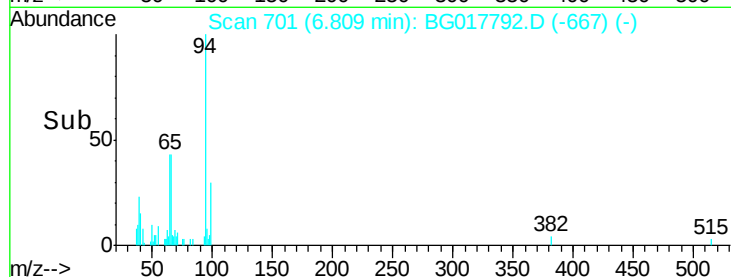
G93J0



Tgt Ion:	94	Resp:	7735
Ion	Ratio	Lower	Upper
94	100		
65	43.2	24.2	36.4#
66	43.2	33.4	50.2

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#14

Acetophenone

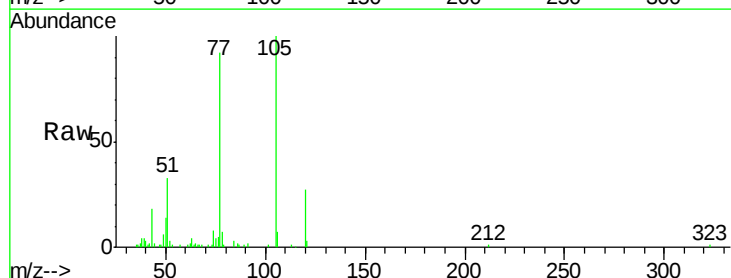
Concen: 8.88 ng/ul

RT: 8.42 min Scan# 976

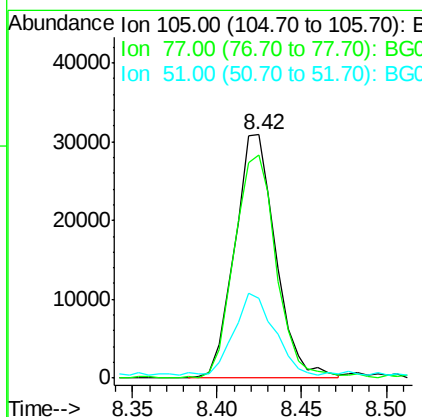
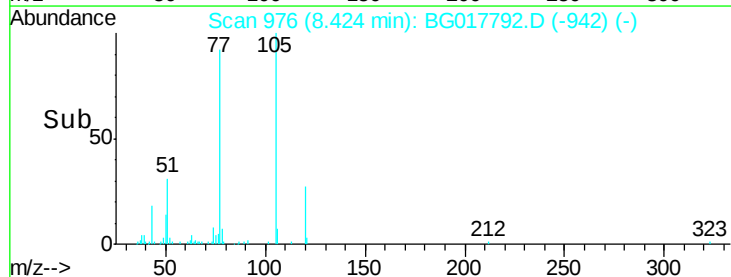
Delta R.T. 0.00 min

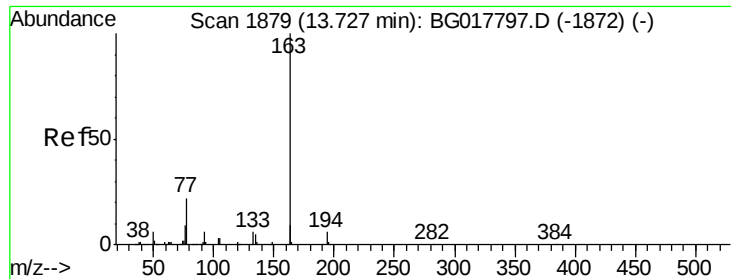
Lab File: BG017792.D

Acq: 7 Jul 2015 12:19



Tgt Ion:	105	Resp:	52269
Ion	Ratio	Lower	Upper
105	100		
77	91.7	69.5	104.3
51	32.9	26.7	40.1





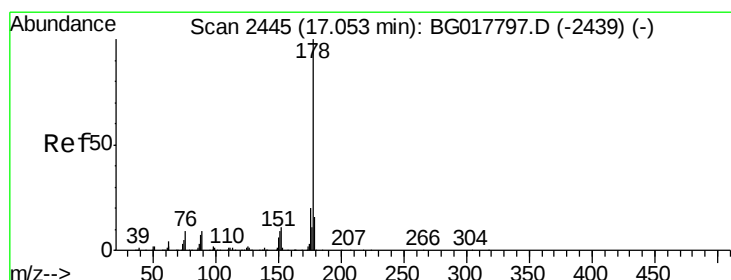
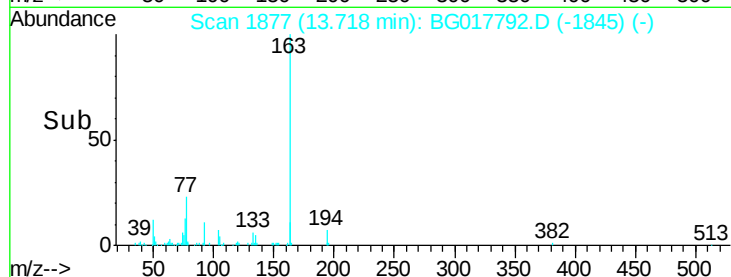
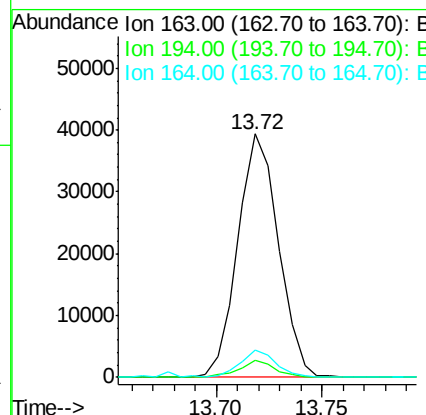
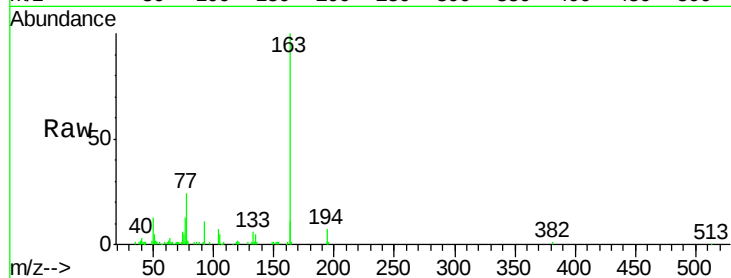
#44
Dimethylphthalate
Concen: 3.77 ng/ul
RT: 13.72 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG017792.D
Acq: 7 Jul 2015 12:19

Instrument :
BNA_G
ClientSampleId :
G93J0

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.8	5.4	8.0
164	11.0	7.7	11.5

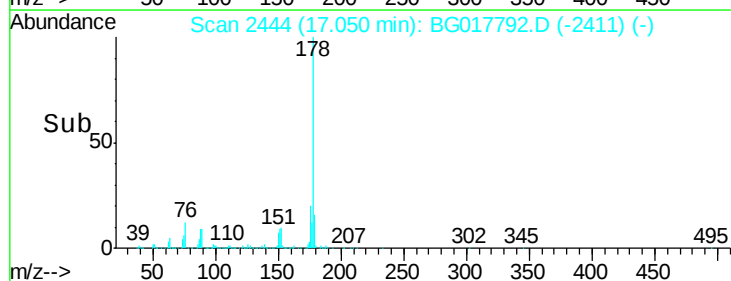
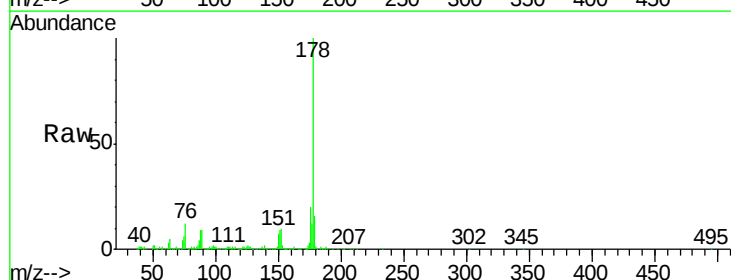
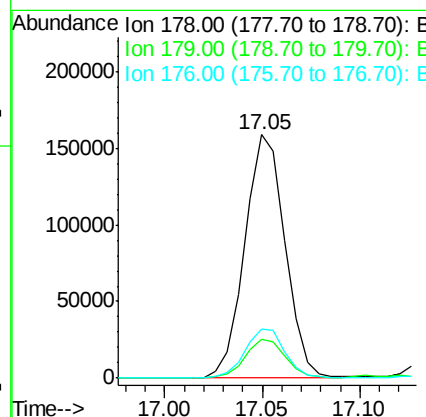
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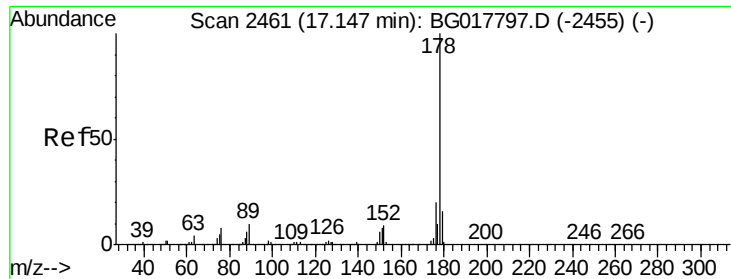
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#69
Phenanthrene
Concen: 10.87 ng/ul
RT: 17.05 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG017792.D
Acq: 7 Jul 2015 12:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.4
176	20.2	17.0	25.4





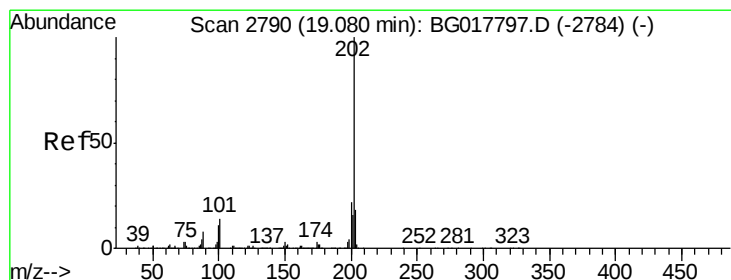
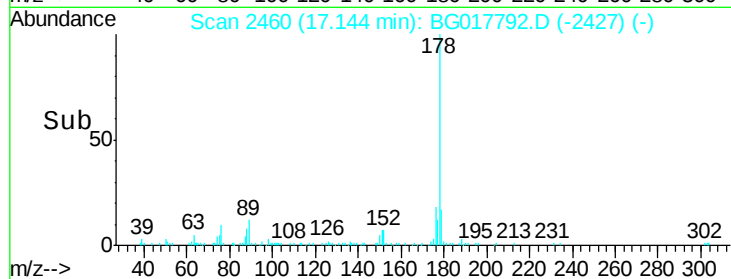
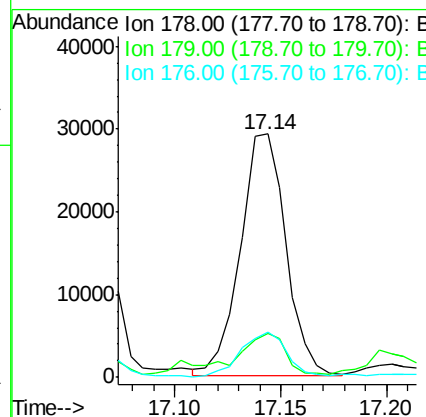
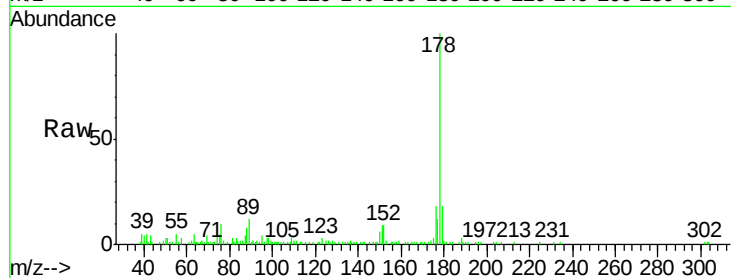
#71
 Anthracene
 Concen: 2.04 ng/ul
 RT: 17.14 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BG017792.D
 Acq: 7 Jul 2015 12:19

Instrument :
 BNA_G
 ClientSampleId :
 G93J0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.4	18.6
176	18.5	15.3	22.9

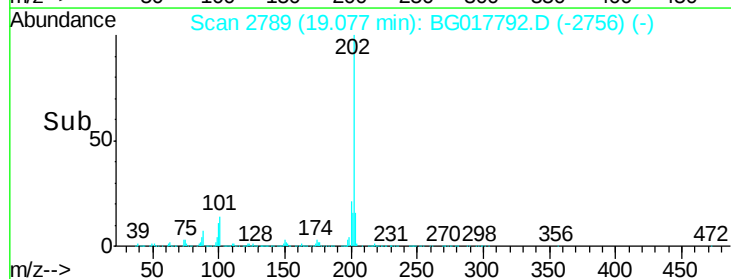
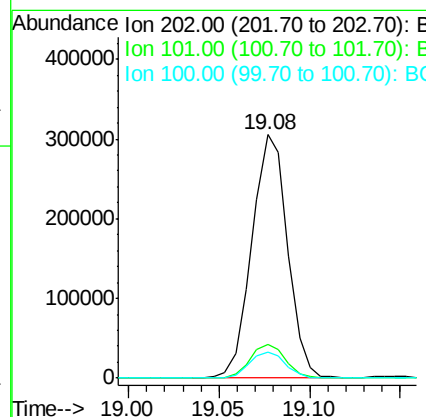
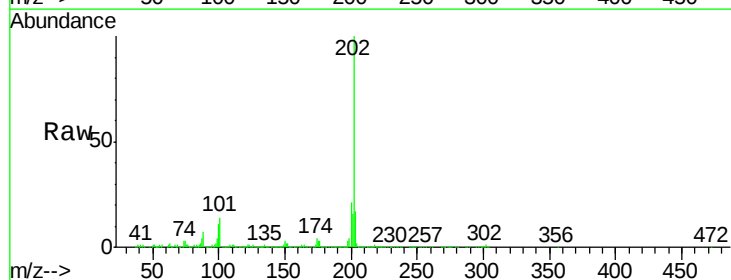
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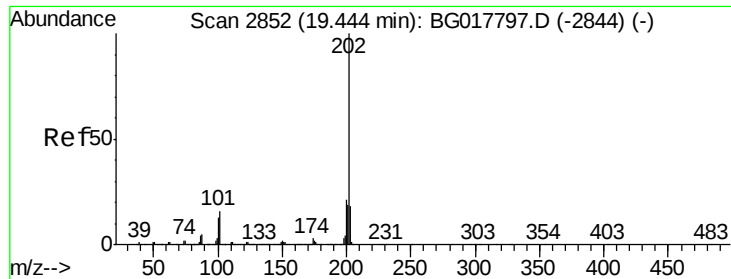
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#76
 Fluoranthene
 Concen: 20.70 ng/ul
 RT: 19.08 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: BG017792.D
 Acq: 7 Jul 2015 12:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	12.6	18.8
100	10.9	9.1	13.7





#79

Pyrene

Concen: 19.84 ng/ul

RT: 19.44 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG017792.D

Acq: 7 Jul 2015 12:19

Instrument :

BNA_G

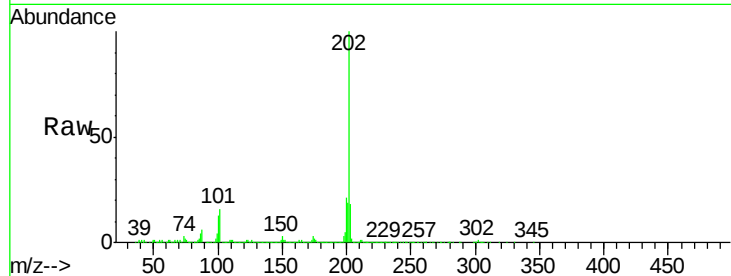
ClientSampleId :

G93J0

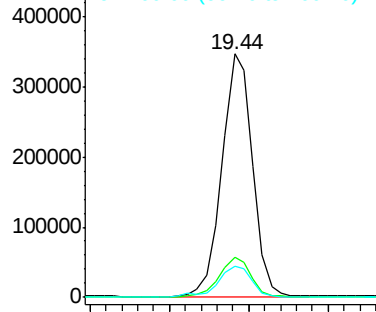
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		463919		
101	16.5	13.1	19.7		
100	12.9	11.3	16.9		

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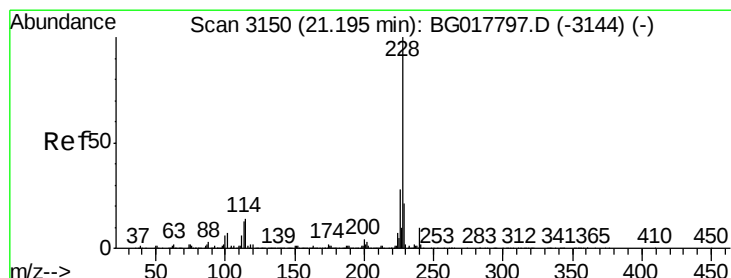
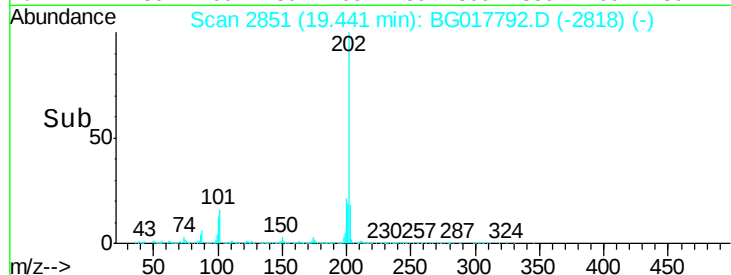
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time--> 19.35 19.40 19.45 19.50



#82

Benzo(a)anthracene

Concen: 13.72 ng/ul

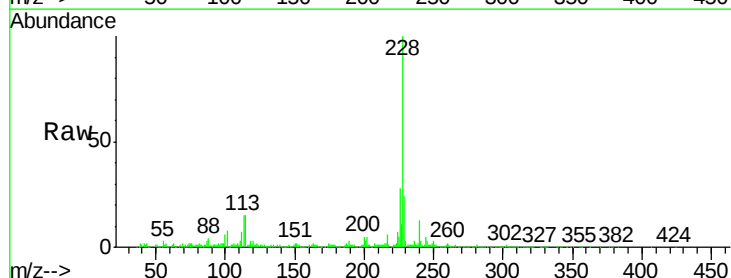
RT: 21.19 min Scan# 3149

Delta R.T. -0.00 min

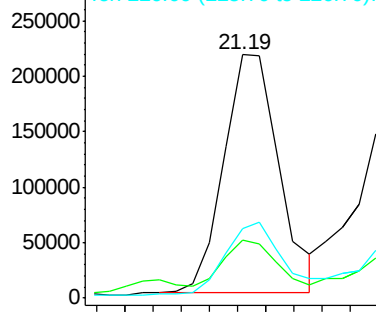
Lab File: BG017792.D

Acq: 7 Jul 2015 12:19

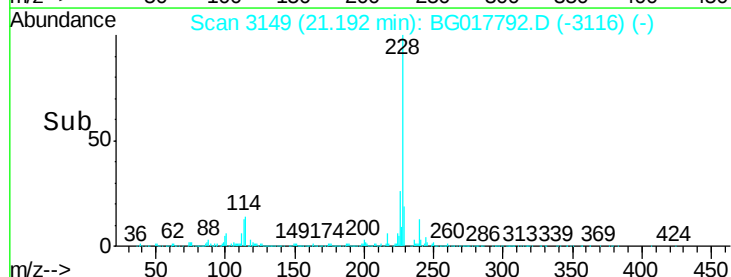
Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		289602		
229	23.8	15.8	23.8#		
226	28.5	22.2	33.2		

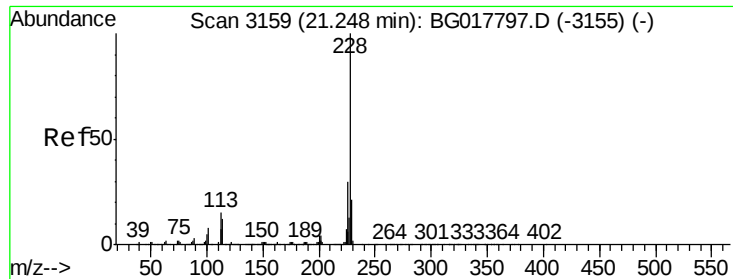


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



Time--> 21.15 21.20





#84

Chrysene

Concen: 14.06 ng/ul

RT: 21.24 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG017792.D

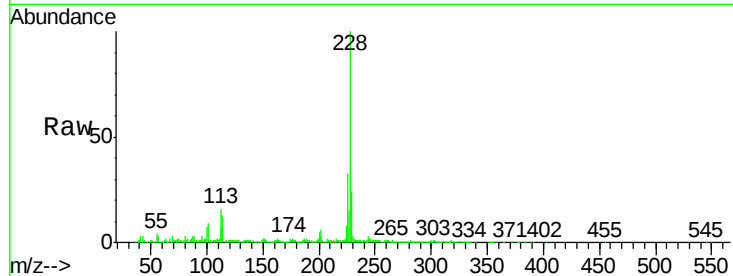
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Instrument :

BNA_G

ClientSampled :

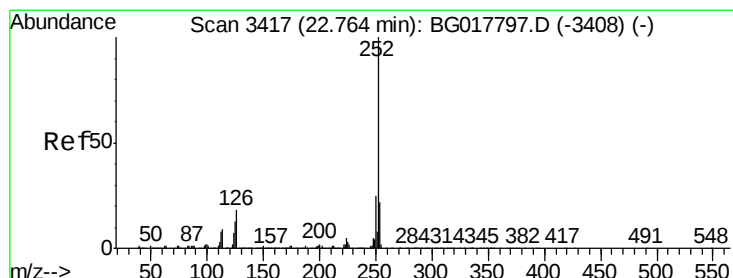
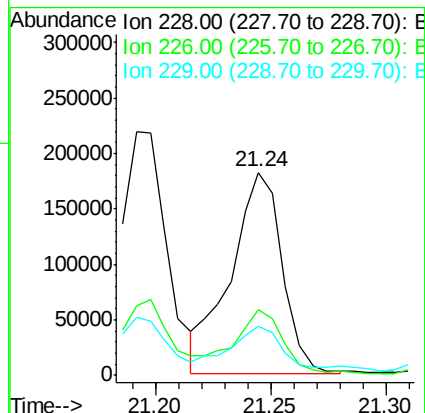
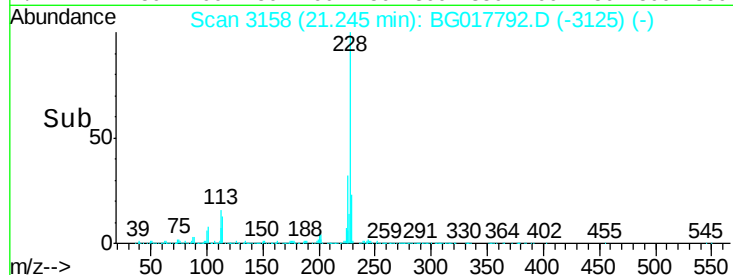
G93J0



Tgt Ion	Ratio	Resp	Lower	Upper
228	100	281073		
226	32.6		25.6	38.4
229	24.5		16.4	24.6

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 19.92 ng/ul

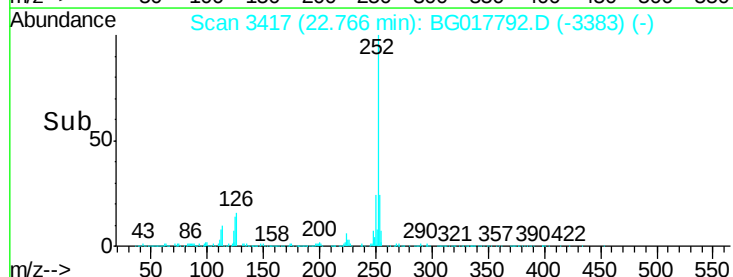
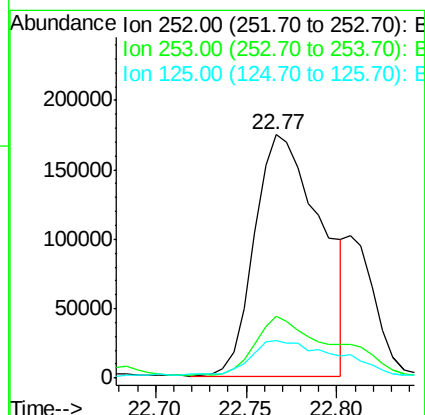
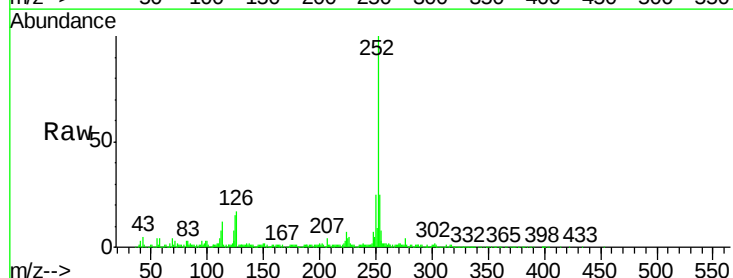
RT: 22.77 min Scan# 3417

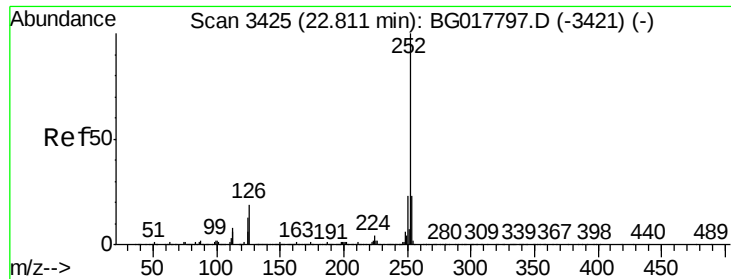
Delta R.T. 0.00 min

Lab File: BG017792.D

Acq: 7 Jul 2015 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	443133		
253	25.4		16.8	25.2#
125	15.4		10.4	15.6





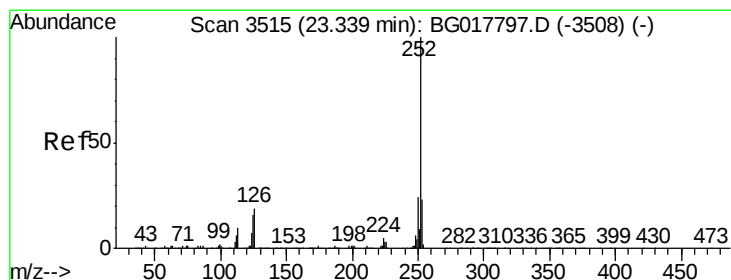
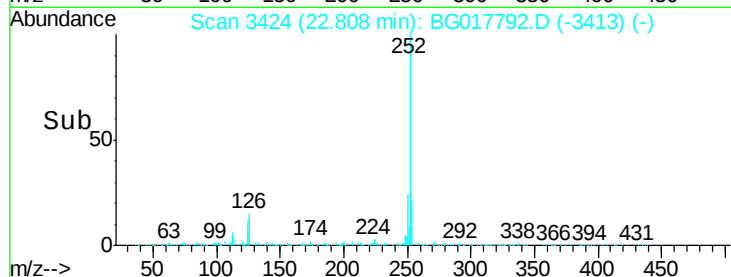
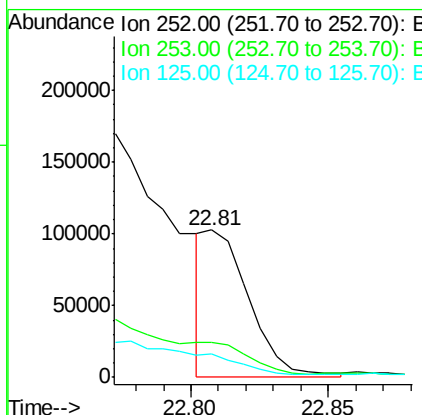
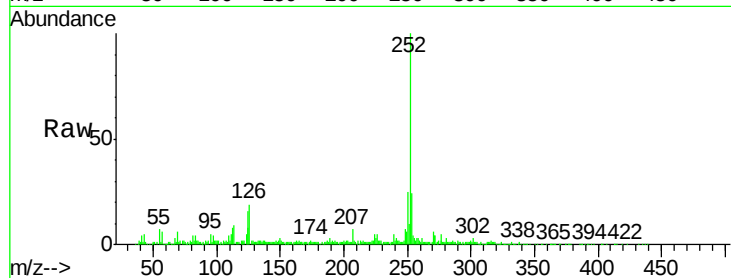
#88
Benzo(k)fluoranthene
Concen: 5.53 ng/ul m
RT: 22.81 min Scan# 3424
Delta R.T. -0.00 min
Lab File: BG017792.D
Acq: 7 Jul 2015 12:19

Instrument :
BNA_G
ClientSampled :
G93J0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	16.2	11.6	17.4

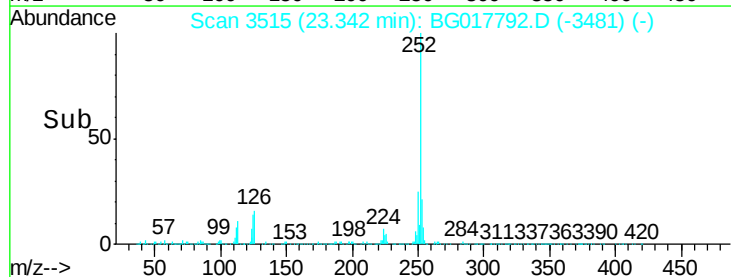
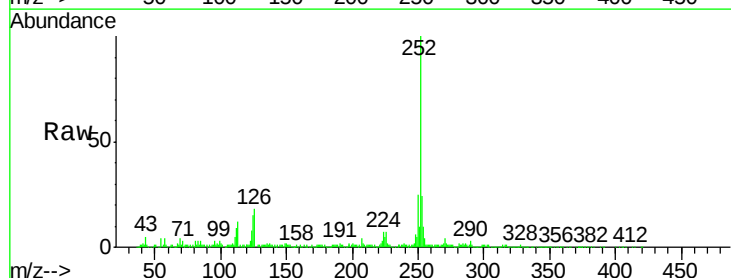
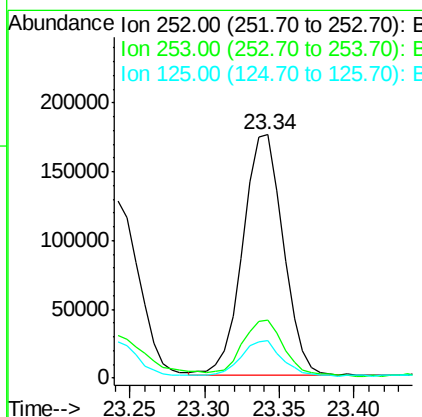
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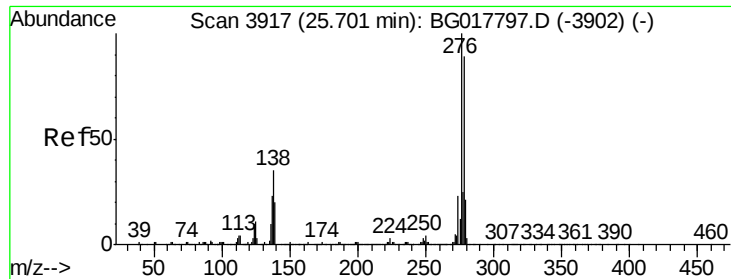
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#90
Benzo(a)pyrene
Concen: 15.54 ng/ul
RT: 23.34 min Scan# 3515
Delta R.T. 0.00 min
Lab File: BG017792.D
Acq: 7 Jul 2015 12:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	15.3	12.1	18.1





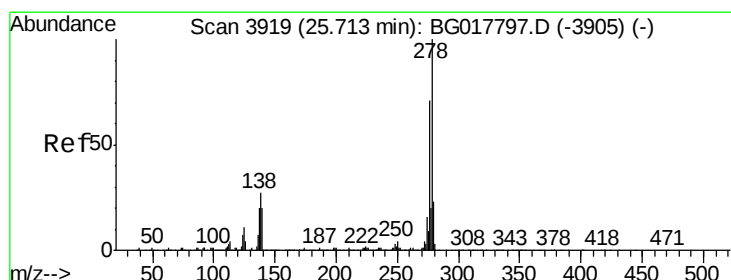
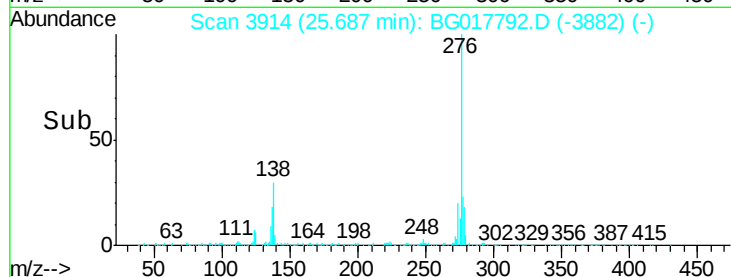
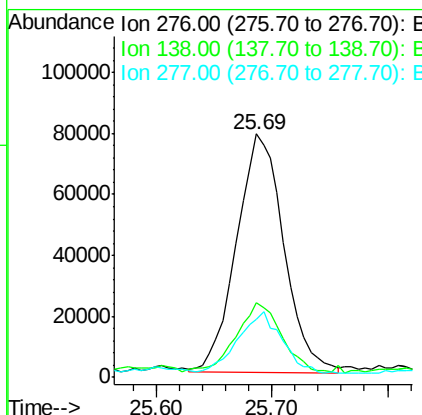
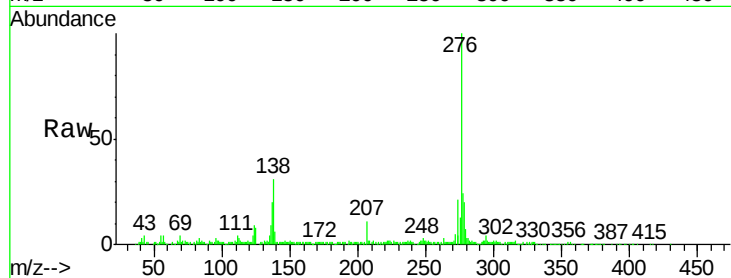
#91
Indeno(1,2,3-cd)pyrene
Concen: 9.67 ng/ul
RT: 25.69 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BG017792.D
Acq: 7 Jul 2015 12:19

Instrument :
BNA_G
ClientSampleId :
G93J0

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.6	26.1	39.1
277	23.7	20.9	31.3

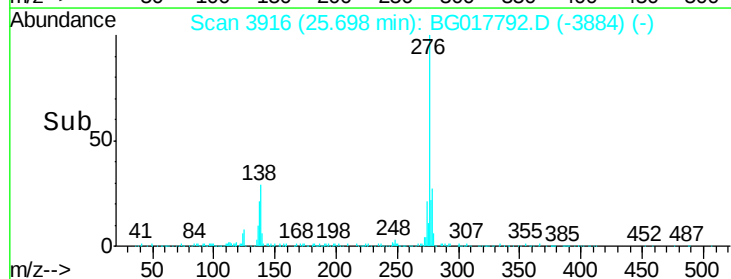
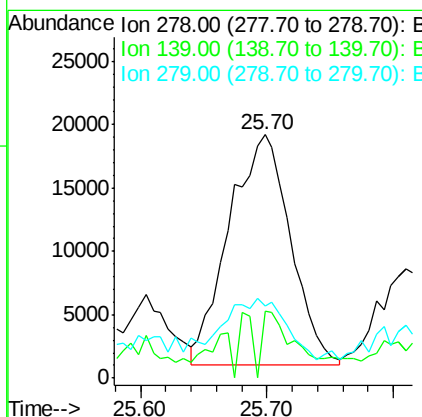
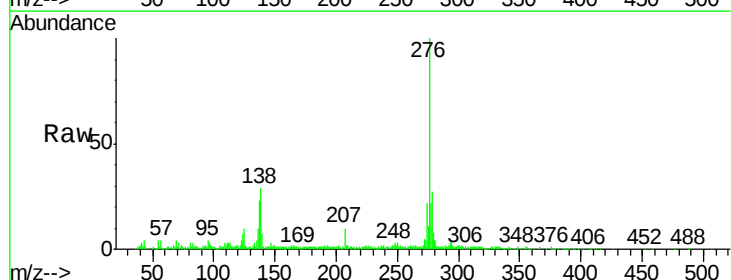
Manual Integrations
APPROVED

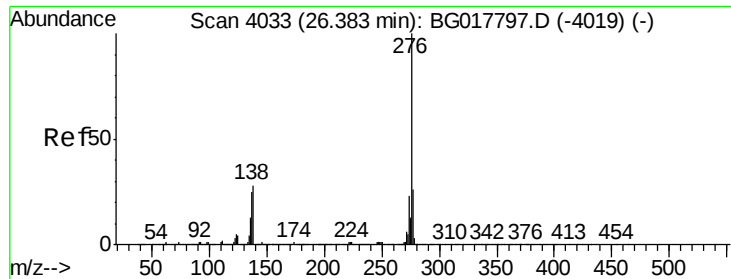
apatel
7/9/2015 8:30:33 AM



#92
Dibenzo(a,h)anthracene
Concen: 3.14 ng/ul m
RT: 25.70 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BG017792.D
Acq: 7 Jul 2015 12:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	27.7	16.3	24.5#
279	29.8	18.7	28.1#





#93

Benzo(g,h,i)perylene

Concen: 5.24 ng/ul

RT: 26.38 min Scan# 4032

Delta R.T. -0.00 min

Lab File: BG017792.D

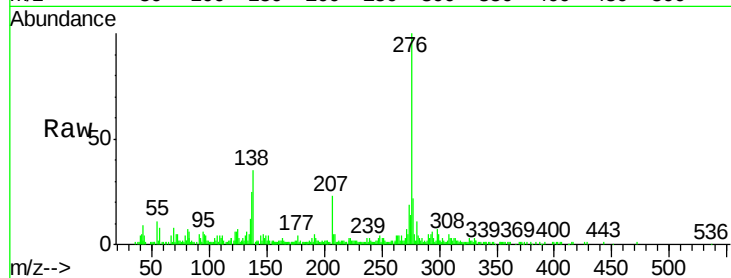
Acq: 7 Jul 2015 12:19

Instrument :

BNA_G

ClientSampleId :

G93J0



Tgt	Ion	276	Resp	101266
Ion	Ratio	Lower	Upper	
276	100			
138	35.0	25.1	37.7	
277	21.6	18.7	28.1	

Manual Integrations
APPROVED

apatel
7/9/2015 8:30:33 AM

