

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
 Data File : BG018236.D
 Acq On : 2 Aug 2015 21:05
 Operator : TP
 Sample : G3073-12RE
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01R0RE

Manual Integrations
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 8/4/2015 12:20:29 PM

Quant Time: Aug 03 08:27:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 05:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	105310	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	449674	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	278629	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	491229m	20.00	ng/ul	0.01
78) Chrysene-d12	21.14	240	394506m	20.00	ng/ul	0.02
86) Perylene-d12	23.33	264	343813	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	3687	2.64	ng/uL	0.00
5) Phenol-d5	6.69	99	154830	16.35	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.82	67	76213	15.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	136236	19.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	127062	16.48	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	74030	20.90	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	75313	18.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	151567	21.10	ng/ul	0.02
29) 4-Chloroaniline-d4	10.41	131	112859m	12.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.58	166	426913	19.83	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	479200	19.19	ng/ul	0.01
52) 4-Nitrophenol-d4	14.42	143	51075	12.82	ng/ul	0.03
58) Fluorene-d10	15.16	176	334055	17.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	3996m	1.17	ng/ul	0.01
71) Anthracene-d10	17.02	188	393500	18.42	ng/ul	0.01
79) Pyrene-d10	19.33	212	279708m	14.65	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.19	264	280149	16.11	ng/ul	0.04

Target Compounds

						Qvalue
28) Naphthalene	10.31	128	31754	1.47	ng/ul	98
45) Dimethylphthalate	13.62	163	225902	10.55	ng/ul	99
70) Phenanthrene	16.97	178	191962m	7.69	ng/ul	
72) Anthracene	17.05	178	48143	1.94	ng/ul	98
76) Di-n-butylphthalate	17.90	149	46225m	1.68	ng/ul	
77) Fluoranthene	19.00	202	334755m	12.21	ng/ul	
80) Pyrene	19.36	202	300295m	12.55	ng/ul	
81) Butylbenzylphthalate	20.27	149	55098m	5.67	ng/ul	
83) Benzo(a)anthracene	21.12	228	211277m	9.94	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.05	149	206800m	15.77	ng/ul	
85) Chrysene	21.17	228	201522	10.36	ng/ul	94
88) Benzo(b)fluoranthene	22.67	252	296197	14.34	ng/ul	96
89) Benzo(k)fluoranthene	22.71	252	136605m	7.20	ng/ul	
91) Benzo(a)pyrene	23.23	252	189707	10.27	ng/ul	93
92) Indeno(1,2,3-cd)pyrene	25.53	276	94939	4.44	ng/ul#	84
93) Dibenzo(a,h)anthracene	25.54	278	25982	1.42	ng/ul#	90
94) Benzo(g,h,i)perylene	26.22	276	70761	4.05	ng/ul#	90

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

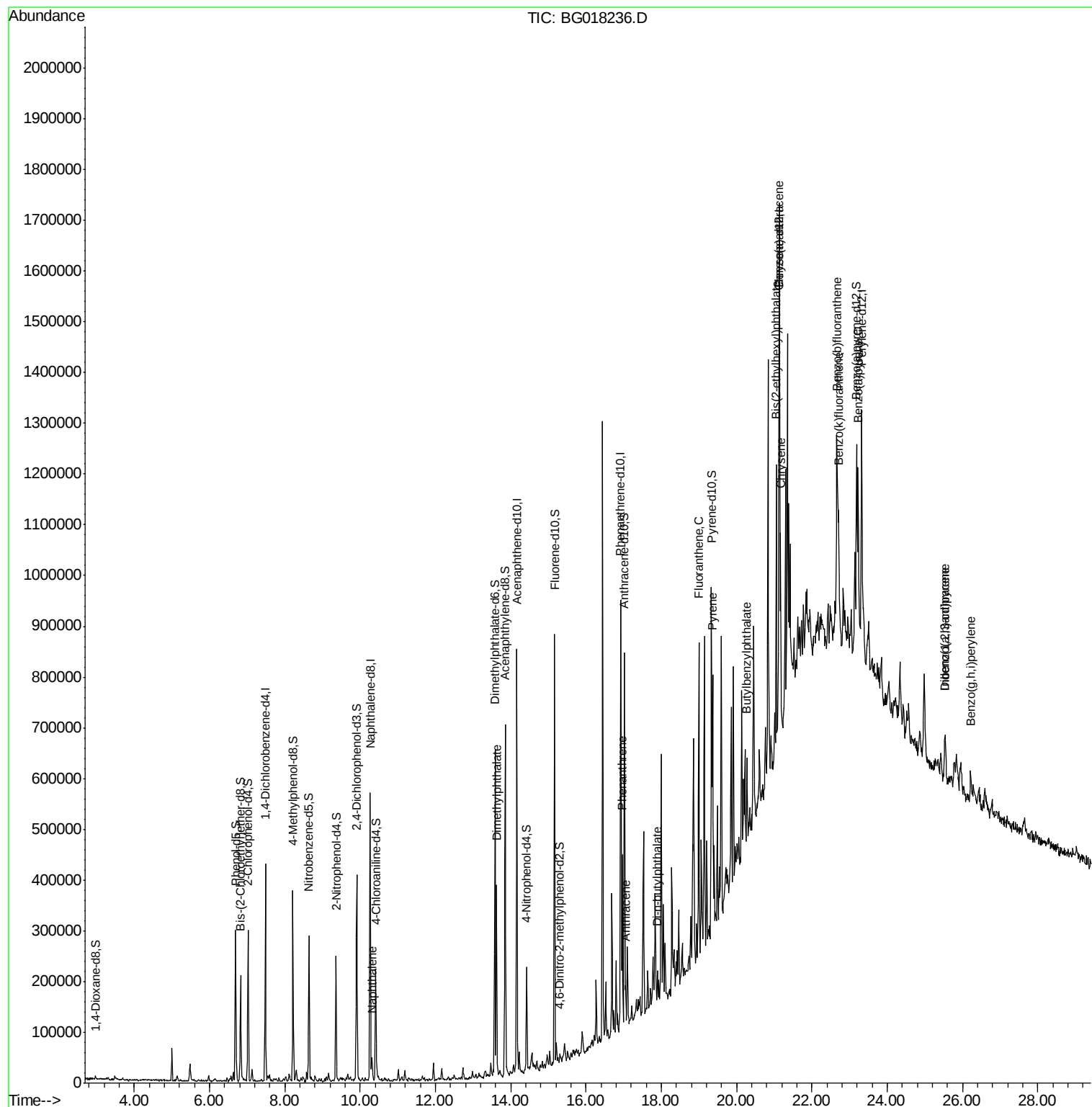
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

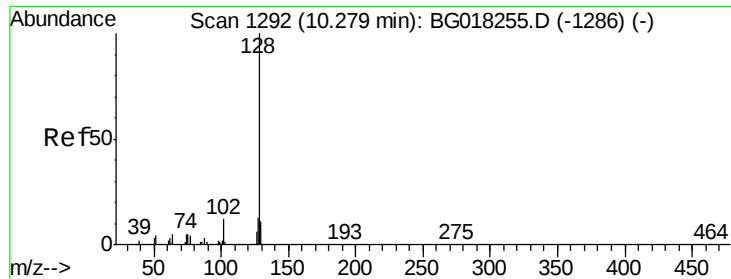
Instrument :
BNA_G
ClientSampleId :
C01R0RE

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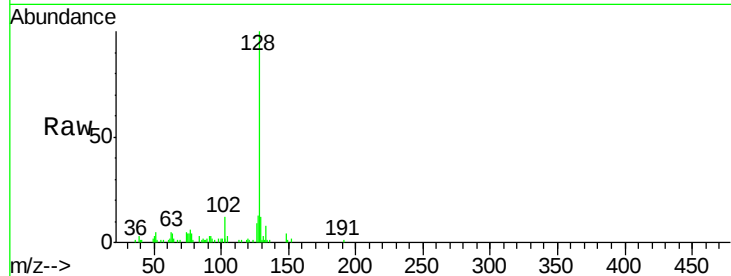
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration





#28
Naphthalene
Concen: 1.47 ng/ul
RT: 10.31 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

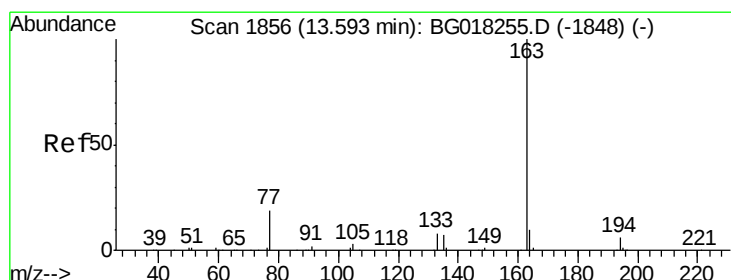
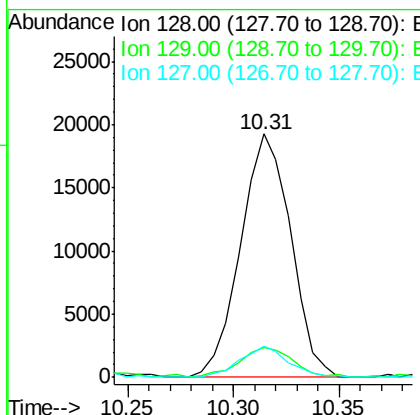
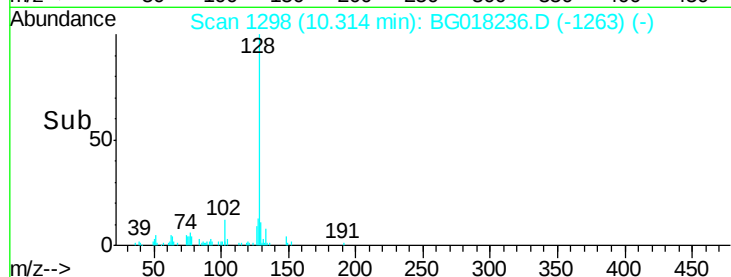
Instrument :
BNA_G
ClientSampleId :
C01R0RE



Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	12.4	9.1	13.7
127	13.0	11.2	16.8

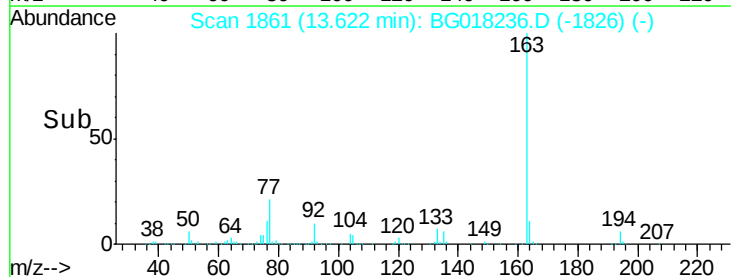
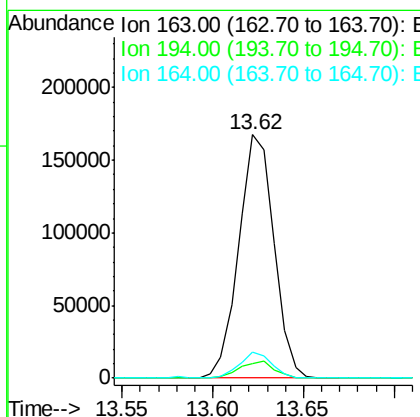
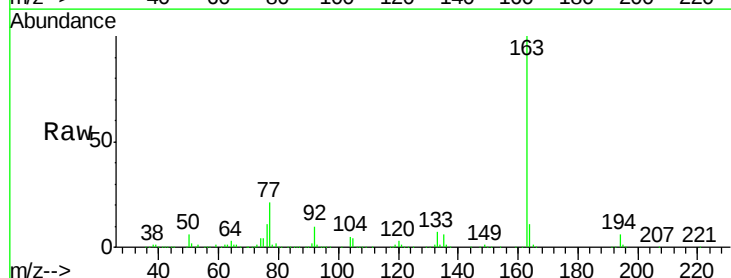
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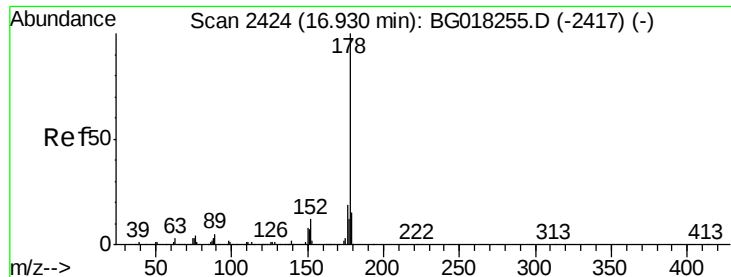
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#45
Dimethylphthalate
Concen: 10.55 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	6.0	5.2	7.8
164	10.6	8.4	12.6





#70

Phenanthrene

Concen: 7.69 ng/ul m

RT: 16.97 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BG018236.D

Acq: 2 Aug 2015 21:05

Instrument :

BNA_G

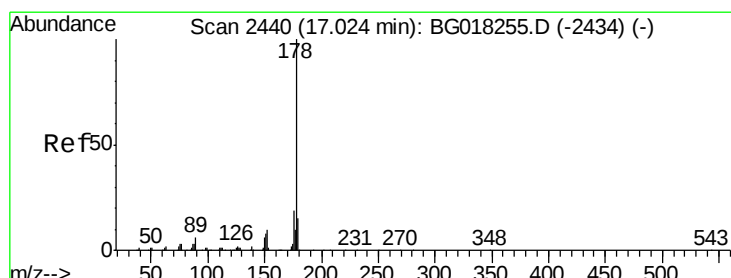
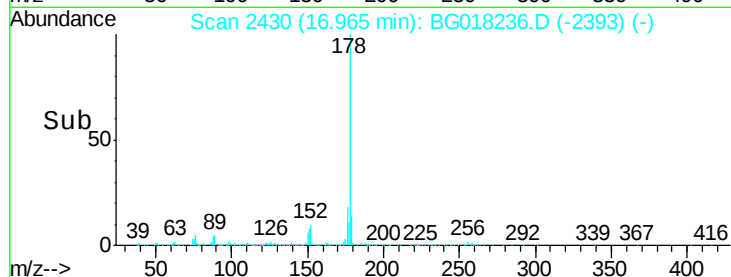
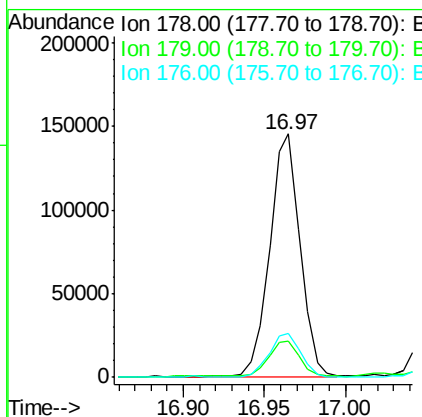
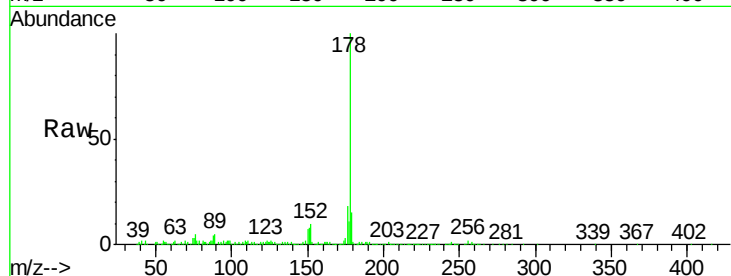
ClientSampleId :

C01R0RE

Tgt Ion:	178	Resp:	191962
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.8	19.2
176	18.1	16.0	24.0

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#72

Anthracene

Concen: 1.94 ng/ul

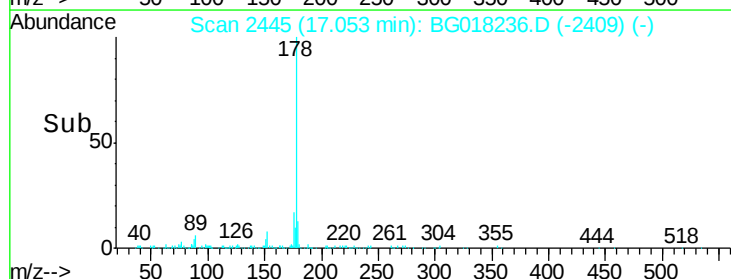
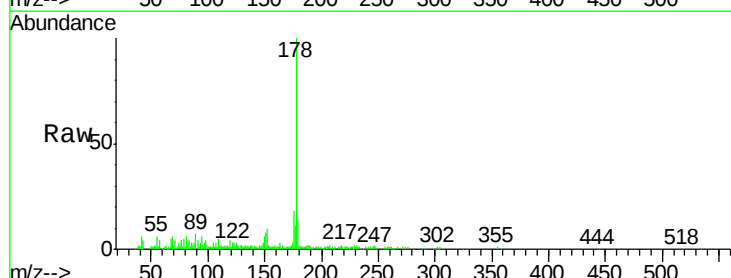
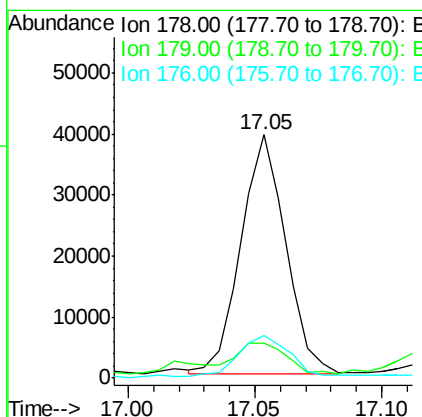
RT: 17.05 min Scan# 2445

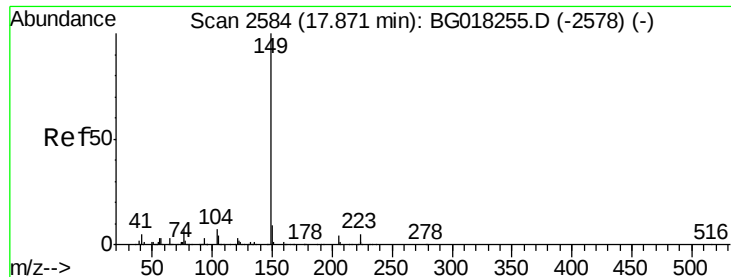
Delta R.T. 0.01 min

Lab File: BG018236.D

Acq: 2 Aug 2015 21:05

Tgt Ion:	178	Resp:	48143
Ion Ratio	Lower	Upper	
178	100		
179	14.5	12.2	18.2
176	17.7	14.8	22.2





#76

Di-n-butylphthalate

Concen: 1.68 ng/ul m

RT: 17.90 min Scan# 2589

Delta R.T. 0.01 min

Lab File: BG018236.D

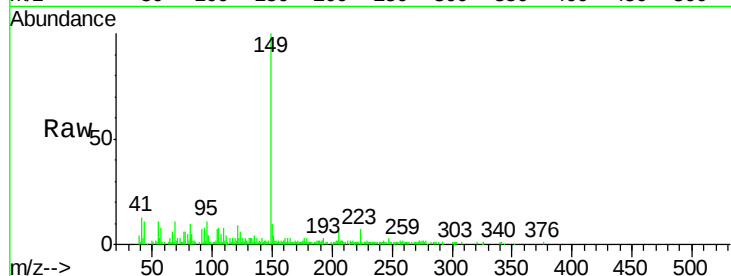
Acq: 2 Aug 2015 21:05

Instrument :

BNA_G

ClientSampleId :

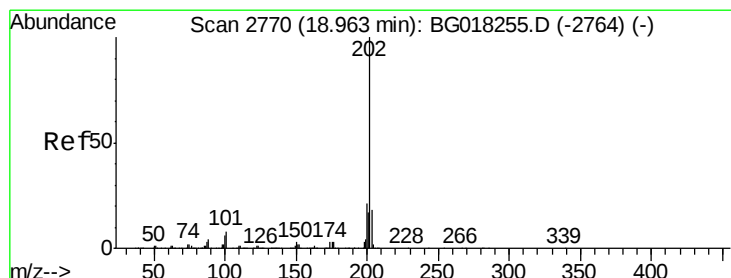
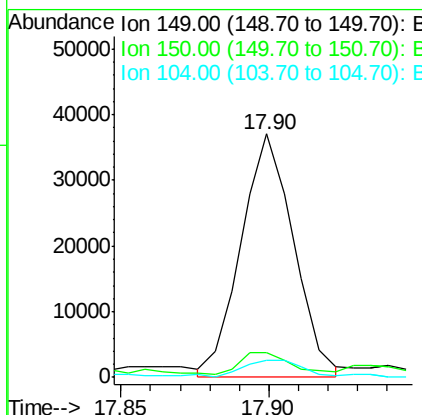
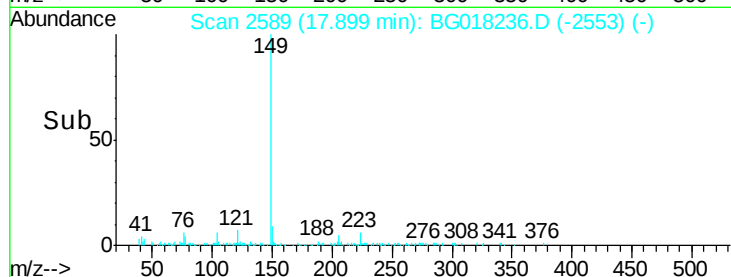
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	46225		
150	10.0	7.7	11.5	
104	7.2	3.6	5.4	

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#77

Fluoranthene

Concen: 12.21 ng/ul m

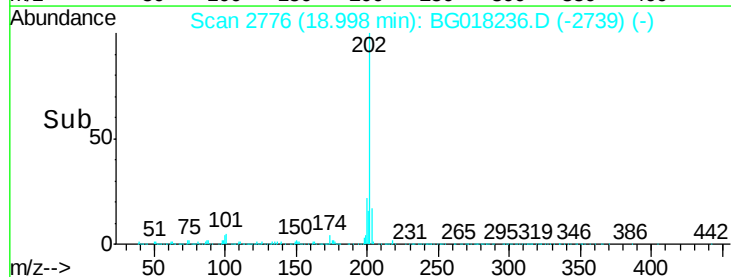
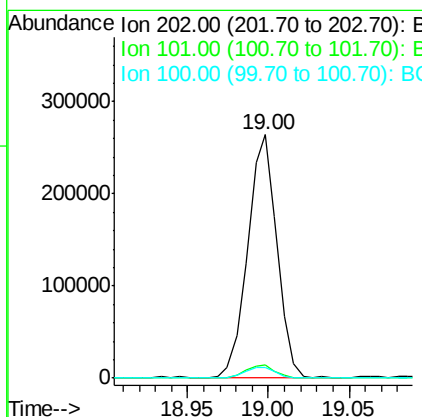
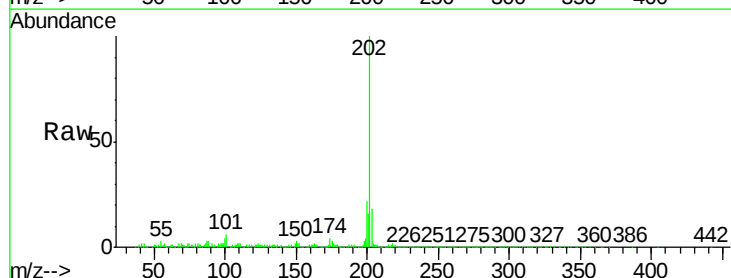
RT: 19.00 min Scan# 2776

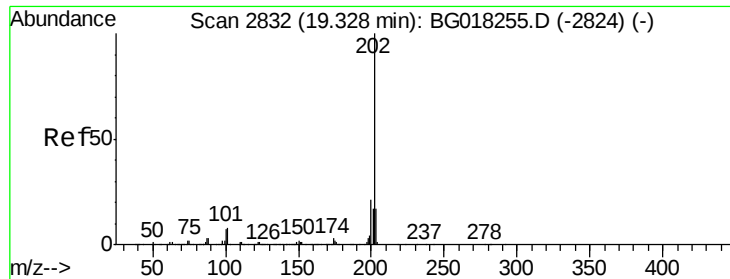
Delta R.T. 0.02 min

Lab File: BG018236.D

Acq: 2 Aug 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	334755		
101	5.7	7.5	11.3	
100	4.4	5.5	8.3	





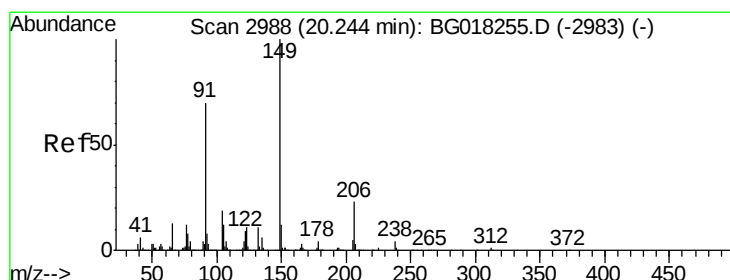
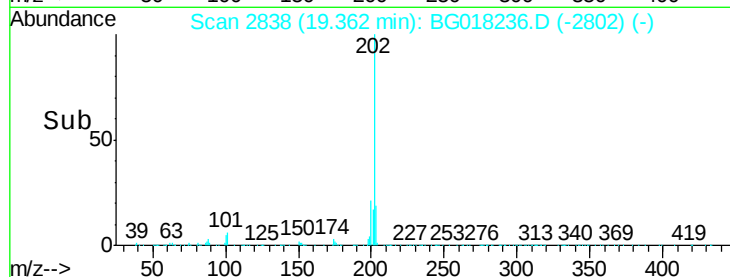
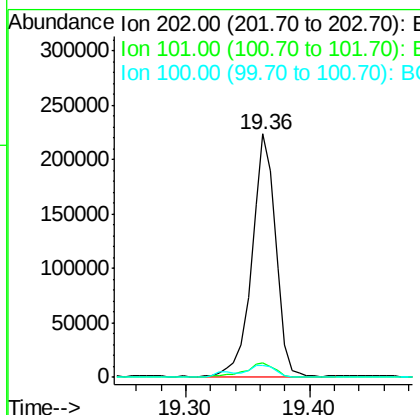
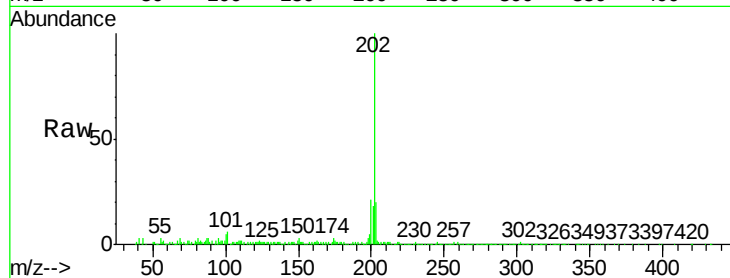
#80
Pyrene
Concen: 12.55 ng/ul m
RT: 19.36 min Scan# 2838
Delta R.T. 0.01 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Instrument :
BNA_G
ClientSampleId :
C01R0RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.2	8.1	12.1#
100	4.8	7.4	11.0#

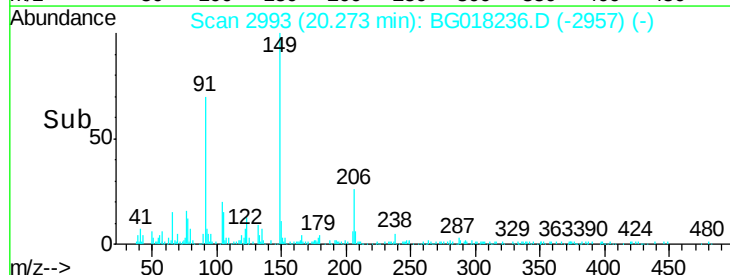
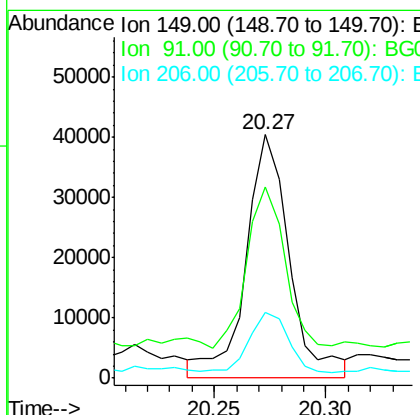
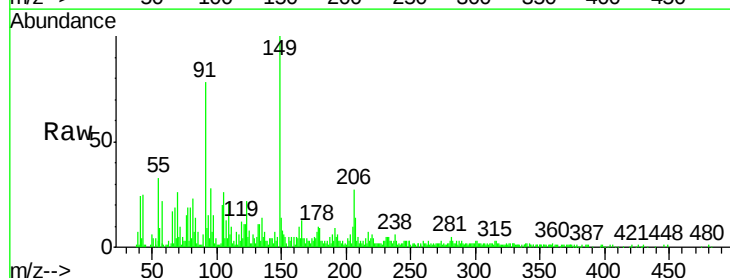
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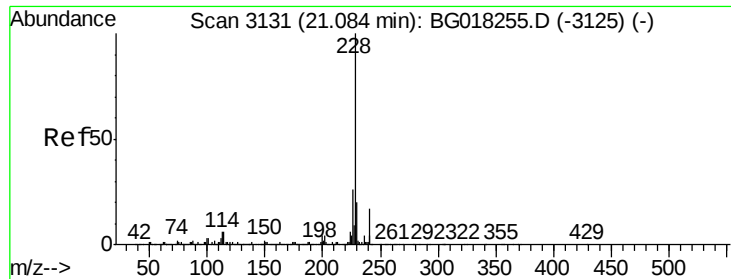
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#81
Butylbenzylphthalate
Concen: 5.67 ng/ul m
RT: 20.27 min Scan# 2993
Delta R.T. 0.01 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	78.4	46.6	69.8#
206	26.8	21.8	32.8





#83

Benzo(a)anthracene

Concen: 9.94 ng/ul m

RT: 21.12 min Scan# 3137

Delta R.T. 0.02 min

Lab File: BG018236.D

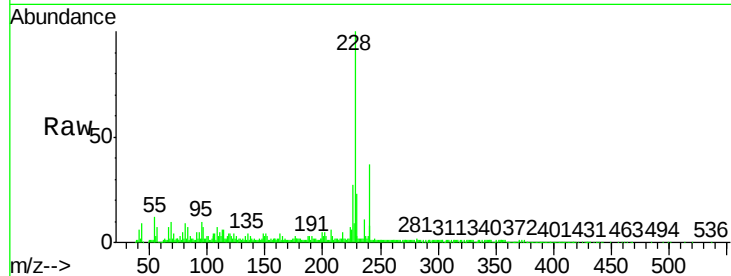
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Instrument :

BNA_G

ClientSampleId :

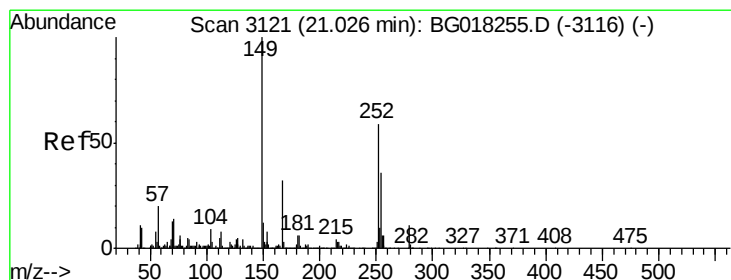
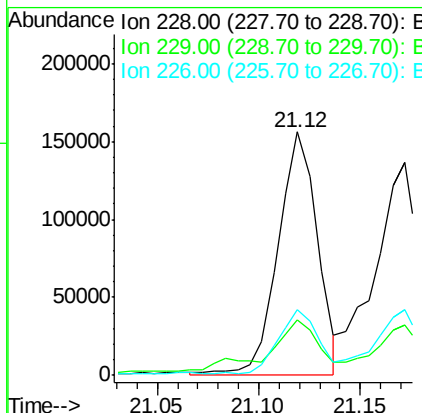
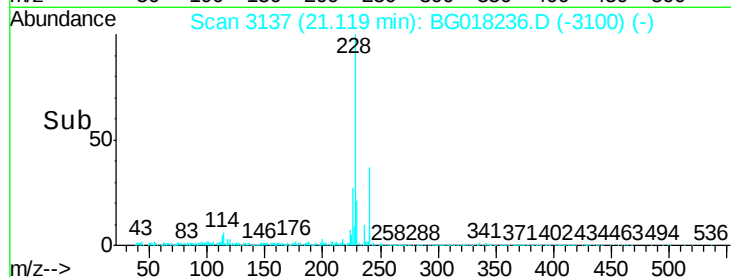
C01R0RE



Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.0	16.5	24.7
226	27.2	21.5	32.3

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#84

Bis(2-ethylhexyl)phthalate

Concen: 15.77 ng/ul m

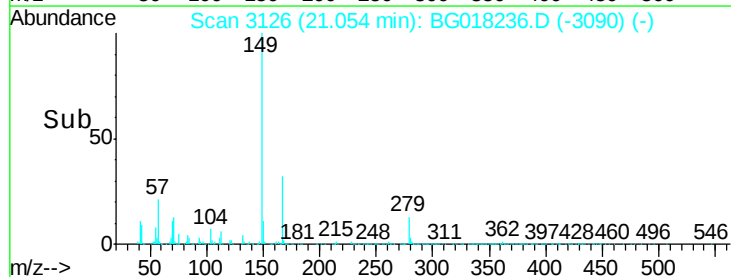
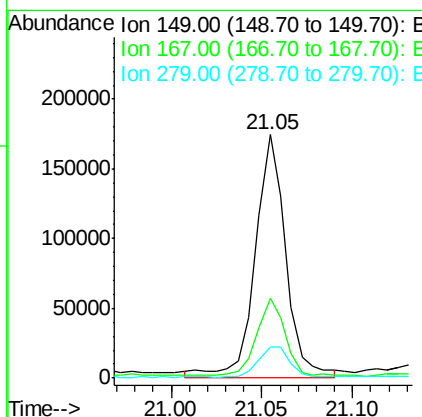
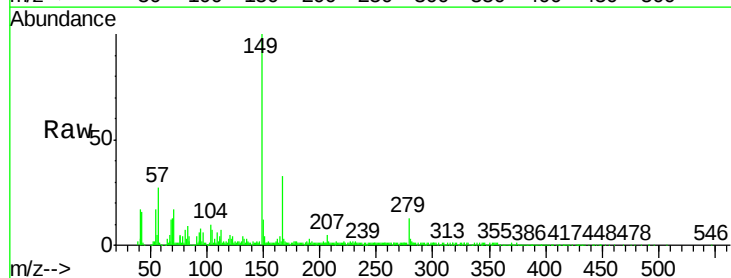
RT: 21.05 min Scan# 3126

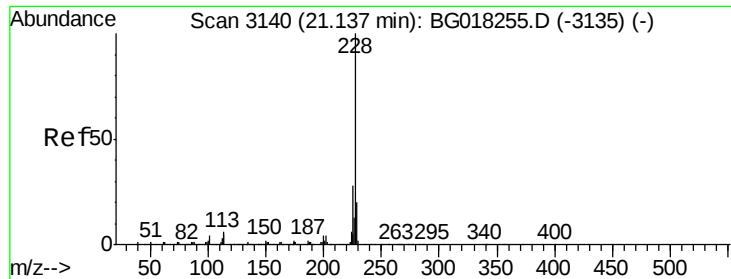
Delta R.T. 0.01 min

Lab File: BG018236.D

Acq: 2 Aug 2015 21:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.9	27.4	41.2
279	13.0	8.3	12.5#





#85

Chrysene

Concen: 10.36 ng/ul

RT: 21.17 min Scan# 3146

Delta R.T. 0.02 min

Lab File: BG018236.D

Acq: 2 Aug 2015 21:05

Instrument :

BNA_G

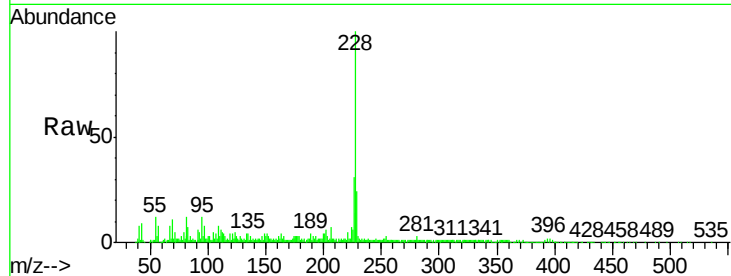
ClientSampleId :

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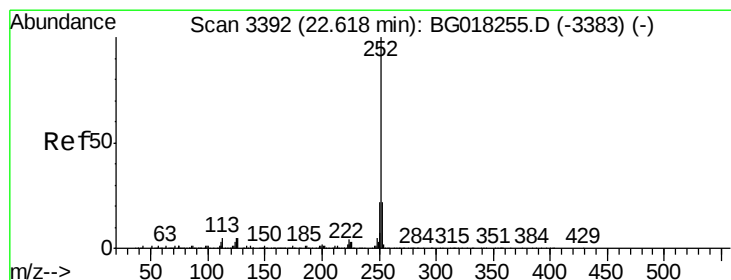
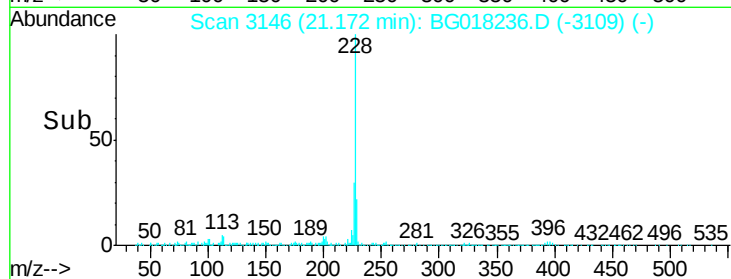
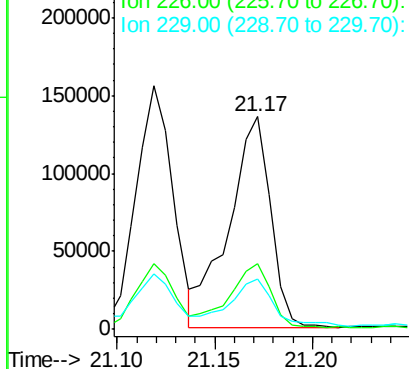
Tgt Ion:	228	Resp:	201522
Ion Ratio	Lower	Upper	
228	100		
226	30.7	22.7	34.1
229	23.9	16.2	24.2

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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



#88

Benzo(b)fluoranthene

Concen: 14.34 ng/ul

RT: 22.67 min Scan# 3401

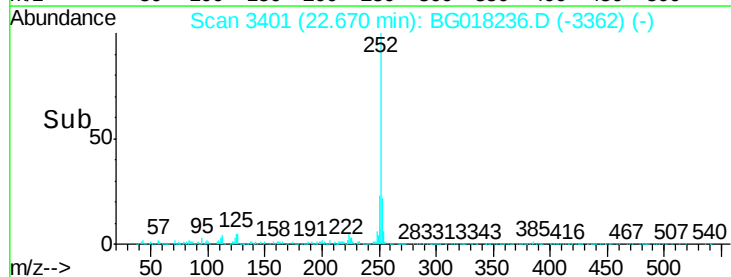
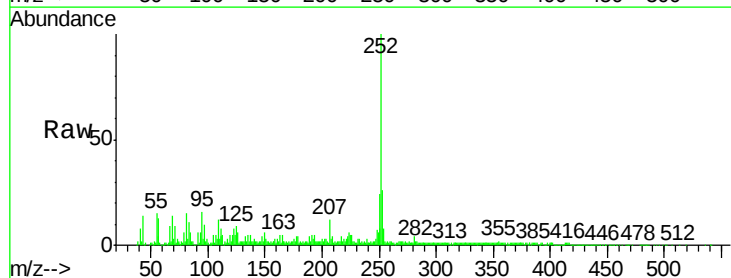
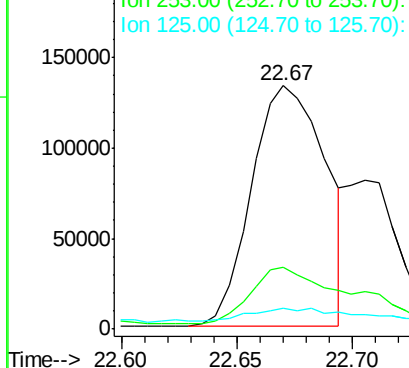
Delta R.T. 0.03 min

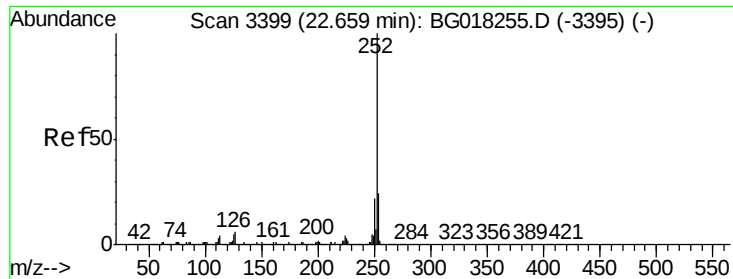
Lab File: BG018236.D

Acq: 2 Aug 2015 21:05

Tgt Ion:	252	Resp:	296197
Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.5	27.7
125	8.7	7.4	11.0

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





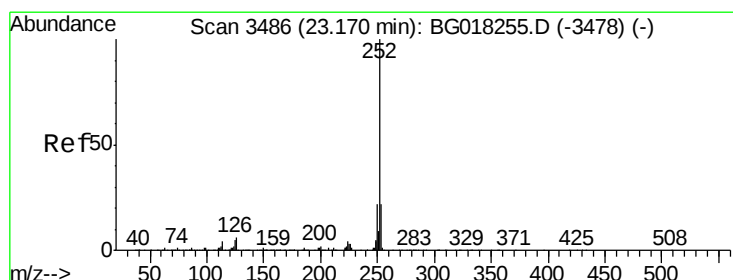
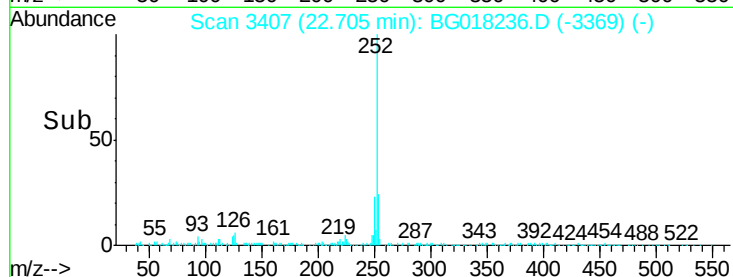
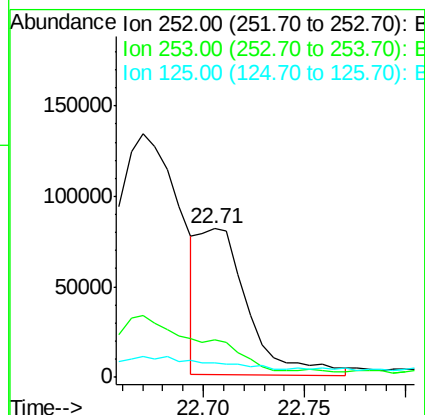
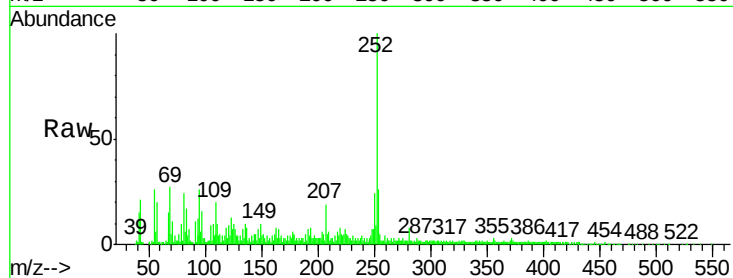
#89
Benzo(k)fluoranthene
Concen: 7.20 ng/ul m
RT: 22.71 min Scan# 3407
Delta R.T. 0.03 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Instrument :
BNA_G
ClientSampleId :
C01R0RE

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	136605		
253	25.7	18.2	27.2	
125	10.0	7.5	11.3	

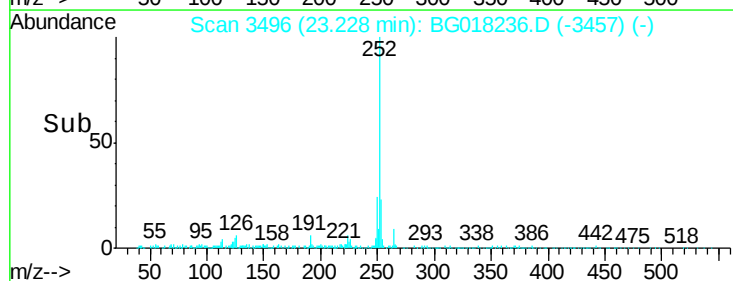
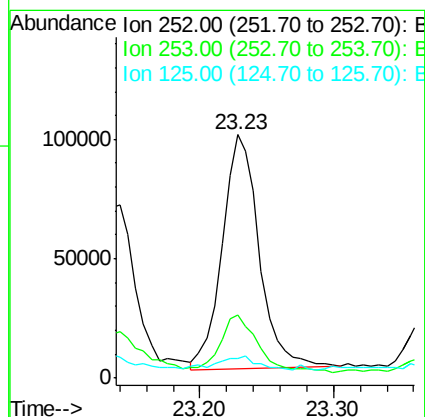
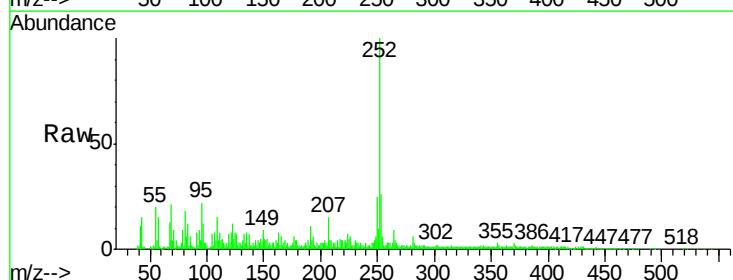
Manual Integrations
APPROVED

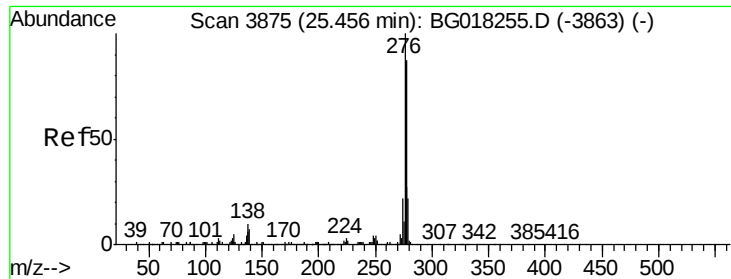
MMDadoda
8/4/2015 12:20:29 PM



#91
Benzo(a)pyrene
Concen: 10.27 ng/ul
RT: 23.23 min Scan# 3496
Delta R.T. 0.03 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	189707		
253	25.9	17.4	26.2	
125	8.2	7.3	10.9	





#92

Indeno(1,2,3-cd)pyrene

Concen: 4.44 ng/ul

RT: 25.53 min Scan# 3888

Delta R.T. 0.04 min

Lab File: BG018236.D

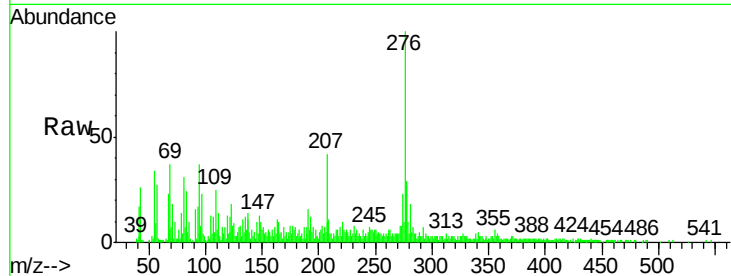
Acq: 2 Aug 2015 21:05

Instrument :

BNA_G

ClientSampleId :

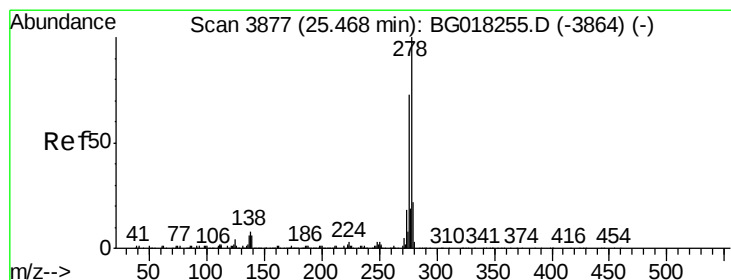
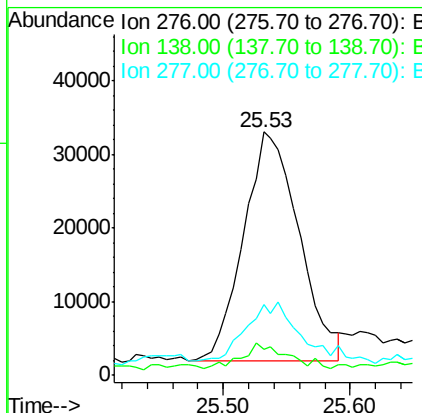
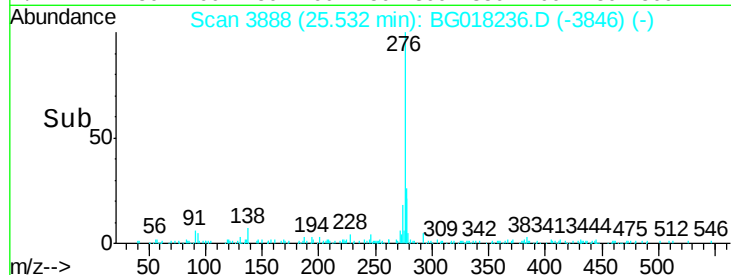
C01R0RE



Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.6	17.2	25.8#
277	29.1	19.5	29.3

Manual Integrations
APPROVED

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8/4/2015 12:20:29 PM



#93

Dibenzo(a,h)anthracene

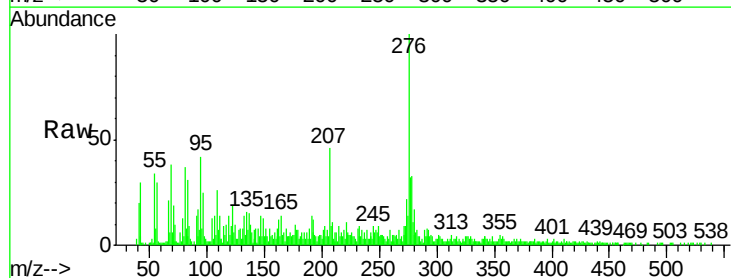
Concen: 1.42 ng/ul

RT: 25.54 min Scan# 3890

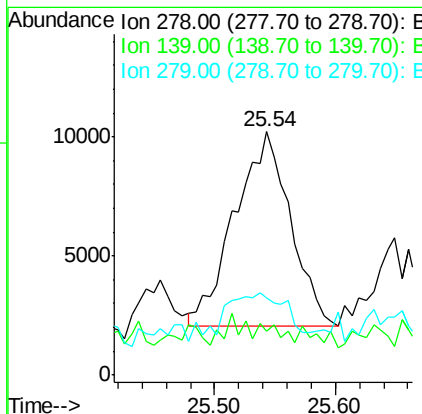
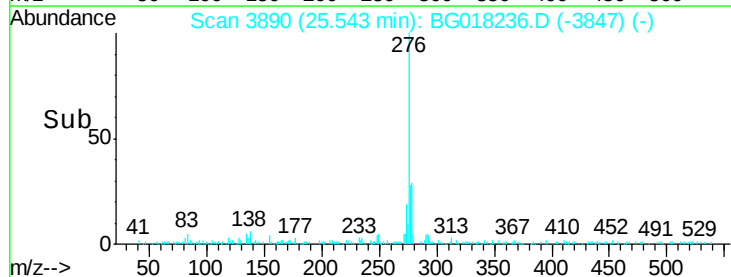
Delta R.T. 0.05 min

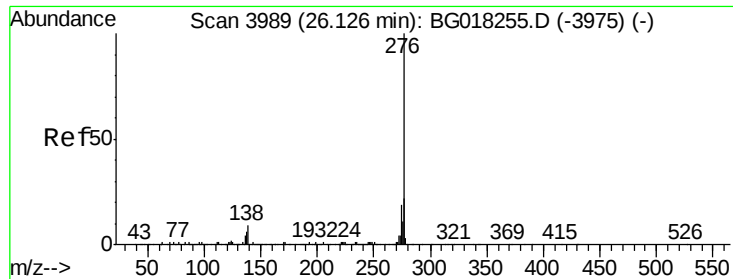
Lab File: BG018236.D

Acq: 2 Aug 2015 21:05



Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.2	18.2
279	31.5	20.0	30.0#





#94

Benzo(g,h,i)perylene

Concen: 4.05 ng/ul

RT: 26.22 min Scan# 4005

Delta R.T. 0.07 min

Lab File: BG018236.D

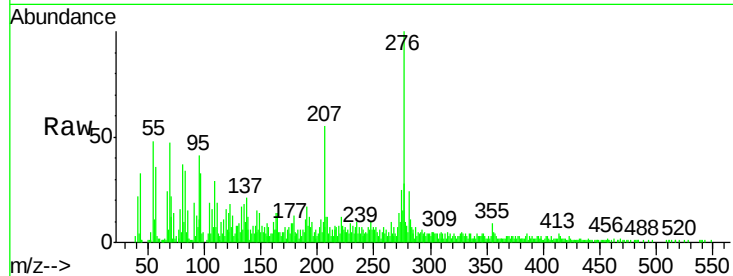
Acq: 2 Aug 2015 21:05

Instrument :

BNA_G

ClientSampleId :

C01R0RE



Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.7	15.1	22.7#
277	27.6	19.8	29.6

Manual Integrations
APPROVED

MMDadoda
8/4/2015 12:20:29 PM

