

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
 Data File : BG018226.D
 Acq On : 2 Aug 2015 15:15
 Operator : TP
 Sample : G3065-18RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02L8RE

Manual Integrations
 APPROVED

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 8/4/2015 12:19:21 PM

Quant Time: Aug 03 09:44:30 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	91963	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	368820	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	167826	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.94	188	391075	20.00	ng/ul	0.03
78) Chrysene-d12	21.19	240	773334	20.00	ng/ul	0.07
86) Perylene-d12	23.39	264	599781	20.00	ng/ul	0.10

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	847	0.70	ng/uL	0.01
5) Phenol-d5	6.68	99	38466	4.65	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.83	67	25648	6.07	ng/ul	0.01
9) 2-Chlorophenol-d4	7.02	132	36699	5.88	ng/ul	0.01
13) 4-Methylphenol-d8	8.21	113	14605	2.17	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	21614	7.44	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	23994	7.20	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.90	165	35464	6.02	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.58	166	109882	8.47	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	123034	8.18	ng/ul	0.02
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.17	176	87918	7.49	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.04	188	140881	8.28	ng/ul	0.03
79) Pyrene-d10	19.38	212	263079	7.03	ng/ul	0.06
90) Benzo(a)pyrene-d12	23.24	264	245921	8.11	ng/ul	0.09

Target Compounds

					Qvalue
14) Acetophenone	8.30	105	17314	1.65 ng/ul#	70
28) Naphthalene	10.32	128	47635	2.68 ng/ul	98
34) 2-Methylnaphthalene	11.94	142	23258	1.65 ng/ul	94
35) 1-Methylnaphthalene	12.17	142	17656	1.31 ng/ul#	96
50) Acenaphthene	14.23	153	35207	3.62 ng/ul	97
54) Dibenzofuran	14.56	168	25976	1.77 ng/ul#	66
59) Fluorene	15.22	166	58181	4.60 ng/ul#	94
70) Phenanthrene	16.98	178	541574	27.26 ng/ul#	90
72) Anthracene	17.07	178	122375	6.19 ng/ul#	66
77) Fluoranthene	19.05	202	1250328	57.30 ng/ul	97
80) Pyrene	19.42	202	1506848	32.12 ng/ul	98
83) Benzo(a)anthracene	21.17	228	618130	14.84 ng/ul#	80
84) Bis(2-ethylhexyl)phthalate	21.09	149	259056	10.08 ng/ul#	59
85) Chrysene	21.22	228	732862	19.21 ng/ul#	81
88) Benzo(b)fluoranthene	22.72	252	886169	24.59 ng/ul#	79
89) Benzo(k)fluoranthene	22.76	252	262826m	7.94 ng/ul	
91) Benzo(a)pyrene	23.29	252	530514	16.46 ng/ul#	80
92) Indeno(1,2,3-cd)pyrene	25.60	276	295238	7.92 ng/ul#	88
93) Dibenzo(a,h)anthracene	25.60	278	83551	2.62 ng/ul#	74
94) Benzo(g,h,i)perylene	26.28	276	267385	8.78 ng/ul#	89

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

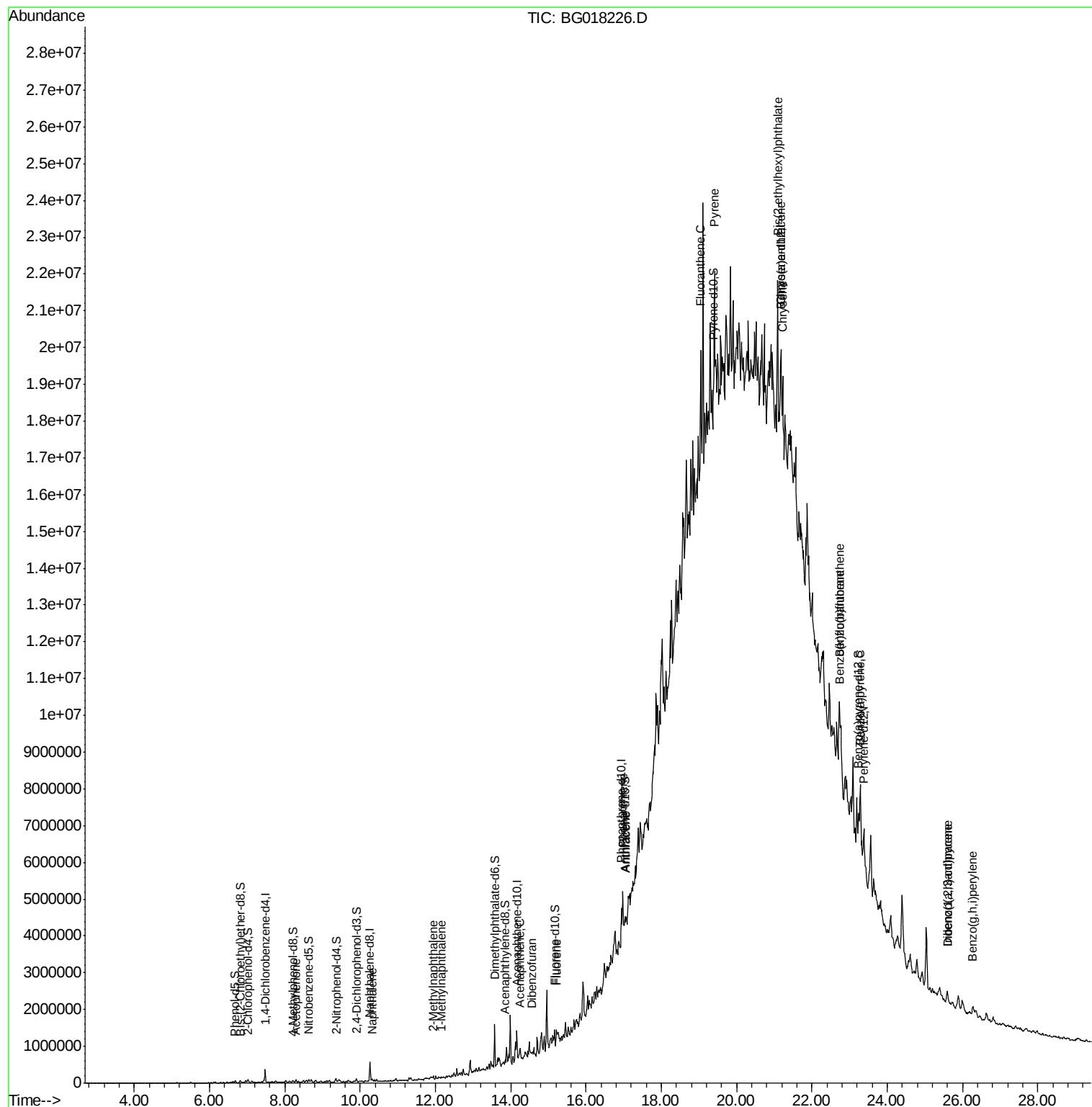
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
Data File : BG018226.D
Acq On : 2 Aug 2015 15:15
Operator : TP
Sample : G3065-18RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

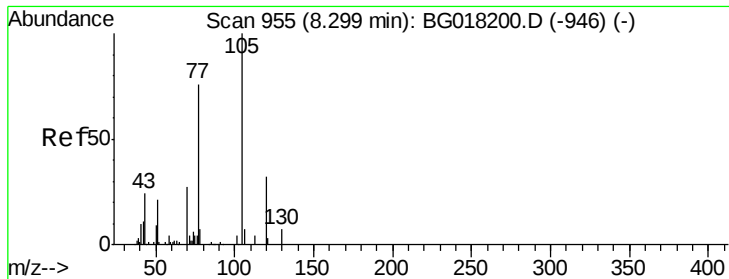
Instrument :
BNA_G
ClientSampled :
C02L8RE

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Quant Time: Aug 03 09:44:30 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





#14

Acetophenone

Concen: 1.65 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. 0.01 min

Lab File: BG018226.D

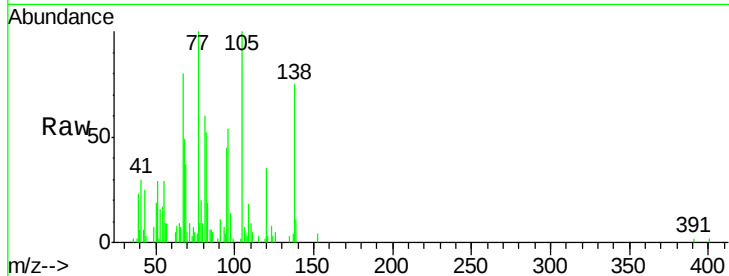
Acq: 2 Aug 2015 15:15

Instrument :

BNA_G

ClientSampleId :

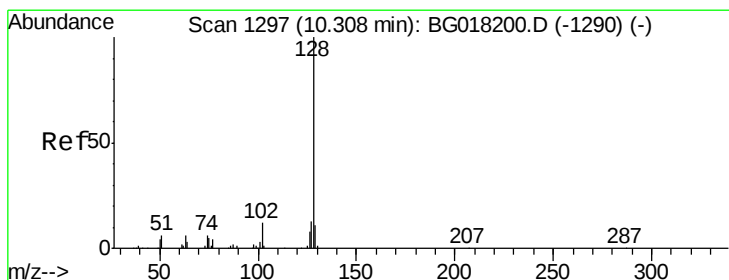
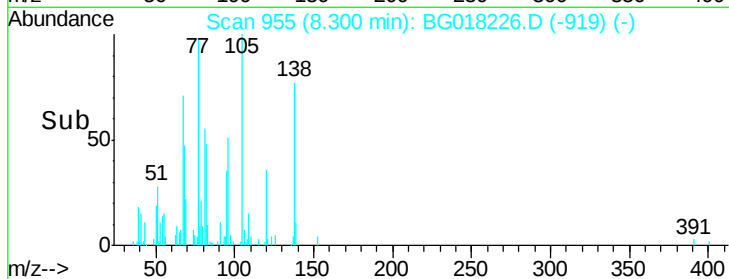
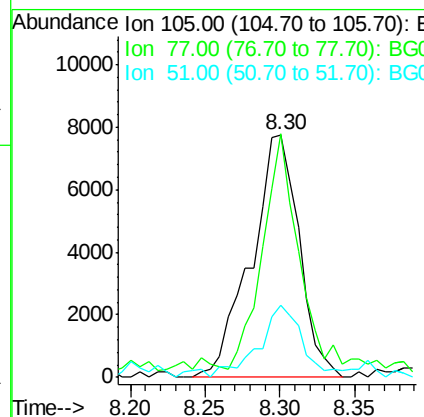
C02L8RE



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	17314		
77	100.4	58.4	87.6#	
51	29.6	16.5	24.7#	

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#28

Naphthalene

Concen: 2.68 ng/ul

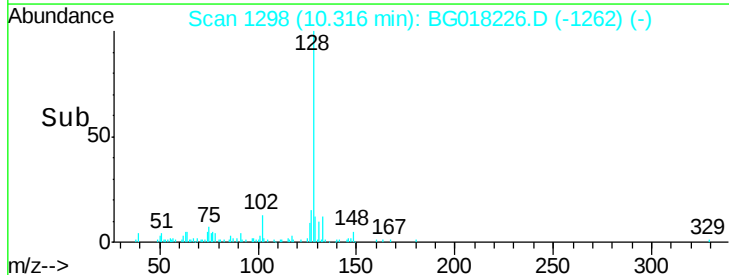
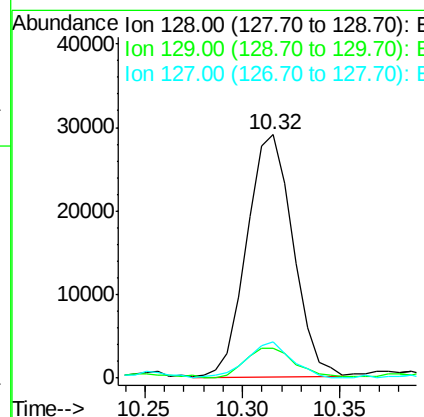
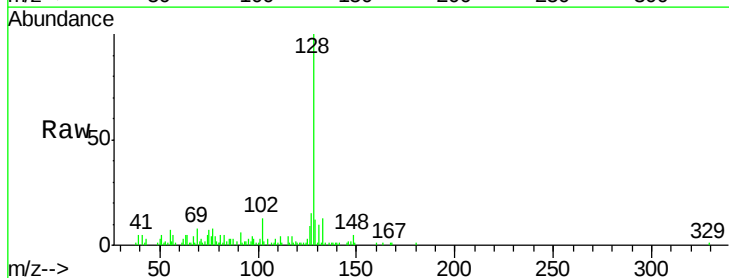
RT: 10.32 min Scan# 1298

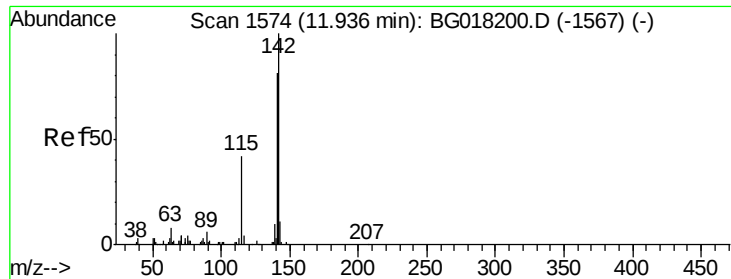
Delta R.T. 0.01 min

Lab File: BG018226.D

Acq: 2 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	47635		
129	12.4	9.1	13.7	
127	14.7	11.2	16.8	





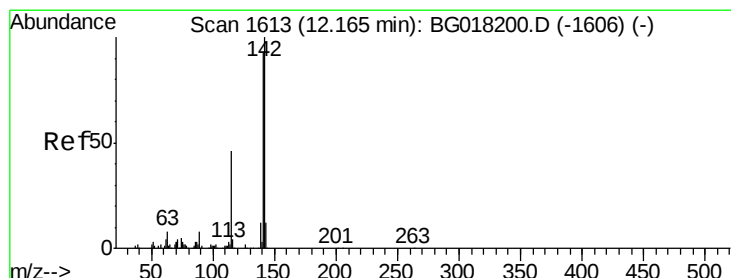
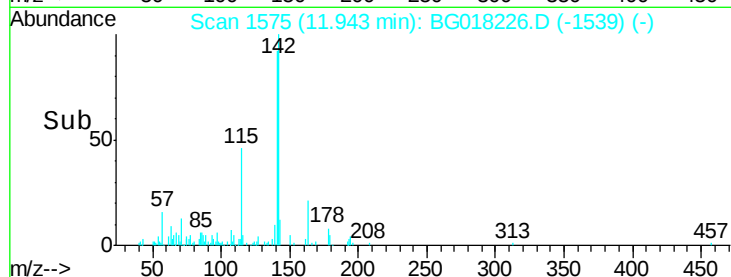
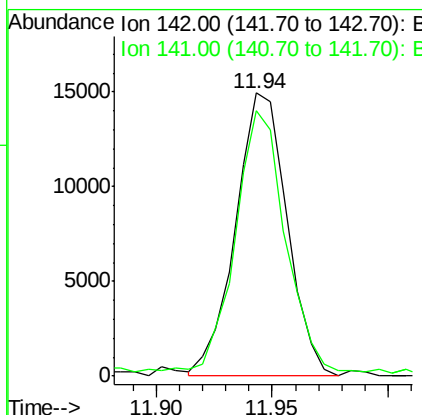
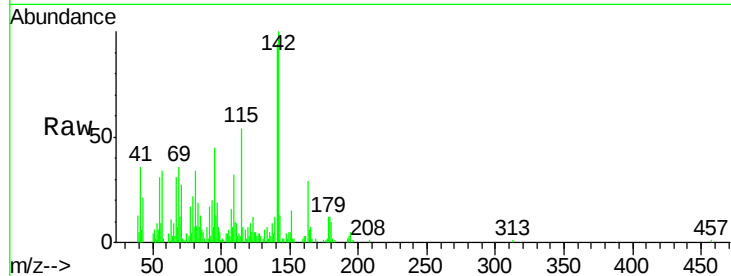
#34
2-Methylnaphthalene
Concen: 1.65 ng/ul
RT: 11.94 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BG018226.D
Acq: 2 Aug 2015 15:15

Instrument :
BNA_G
ClientSampleId :
C02L8RE

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	23258		
141	93.6	70.3	105.5	

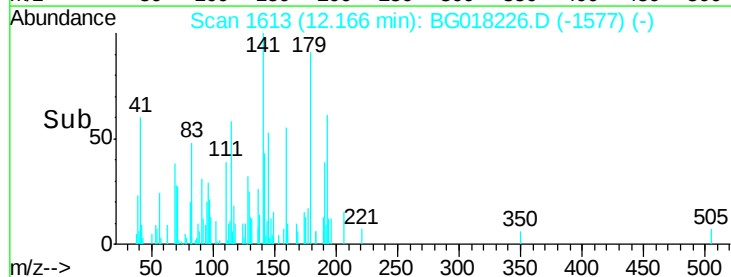
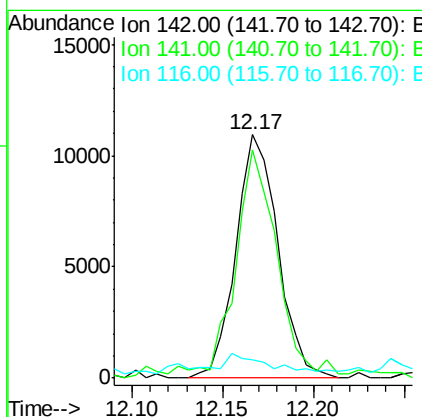
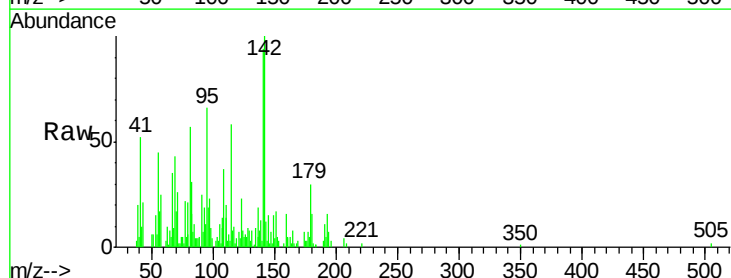
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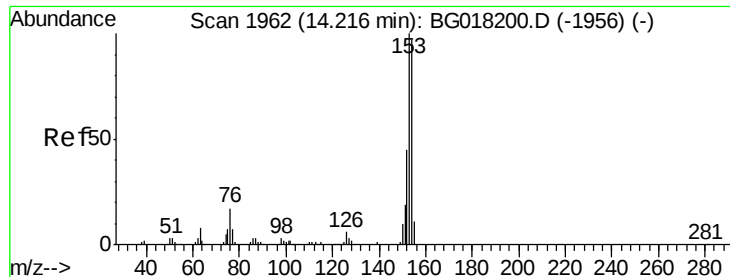
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#35
1-Methylnaphthalene
Concen: 1.31 ng/ul
RT: 12.17 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BG018226.D
Acq: 2 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	17656		
141	93.6	72.5	108.7	
116	7.6	2.6	4.0#	





#50

Acenaphthene

Concen: 3.62 ng/ul

RT: 14.23 min Scan# 1964

Delta R.T. 0.02 min

Lab File: BG018226.D

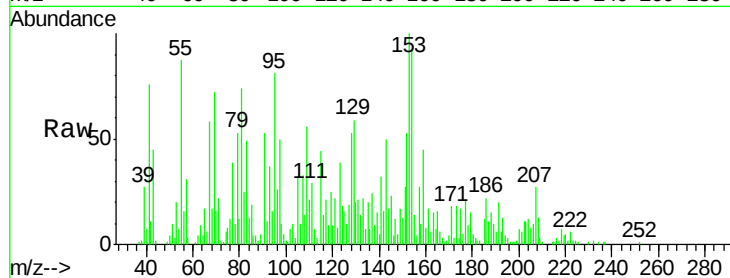
Acq: 2 Aug 2015 15:15

Instrument :

BNA_G

ClientSampleId :

C02L8RE



Tgt Ion:153 Resp: 35207

Ion Ratio Lower Upper

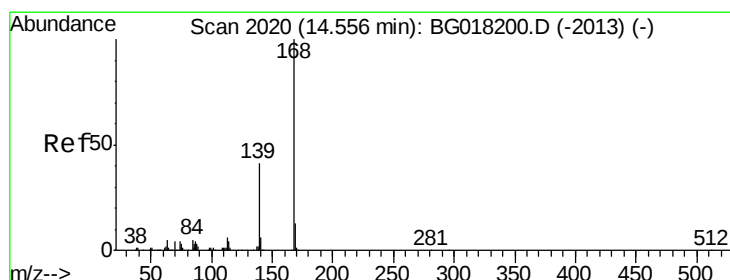
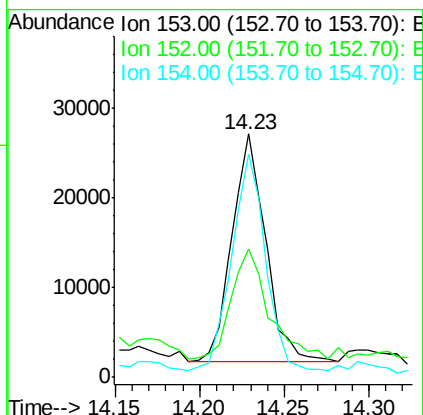
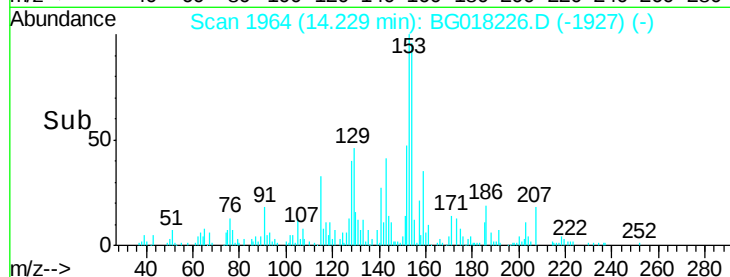
153 100

152 52.7 38.7 58.1

154 91.7 74.8 112.2

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#54

Dibenzofuran

Concen: 1.77 ng/ul

RT: 14.56 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BG018226.D

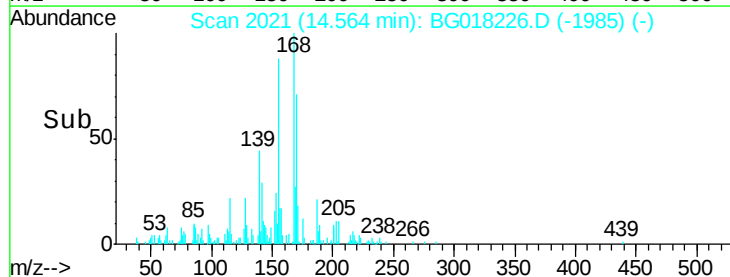
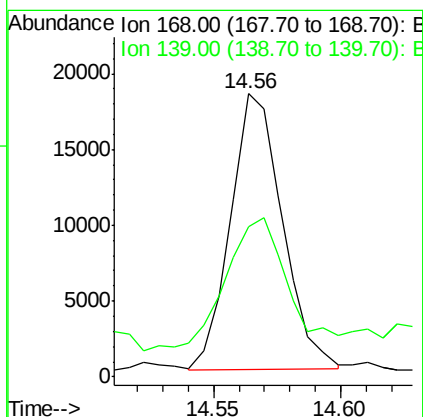
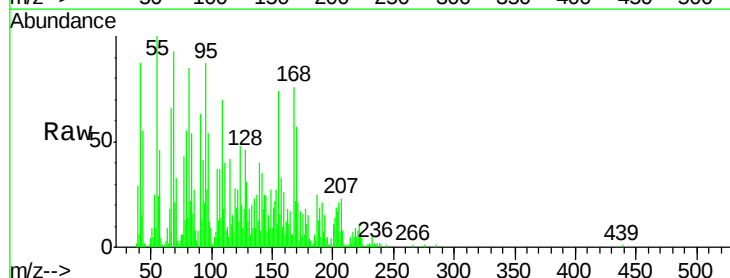
Acq: 2 Aug 2015 15:15

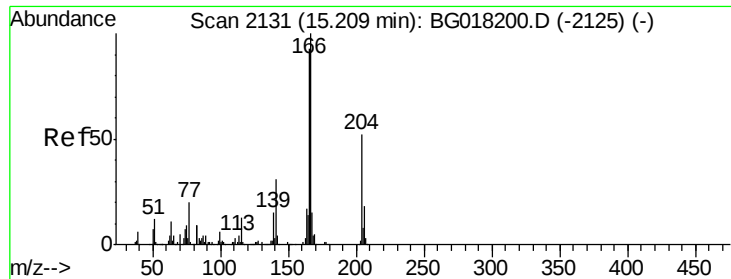
Tgt Ion:168 Resp: 25976

Ion Ratio Lower Upper

168 100

139 53.0 26.8 40.2#





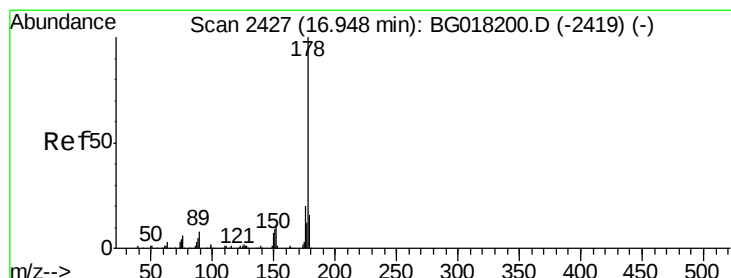
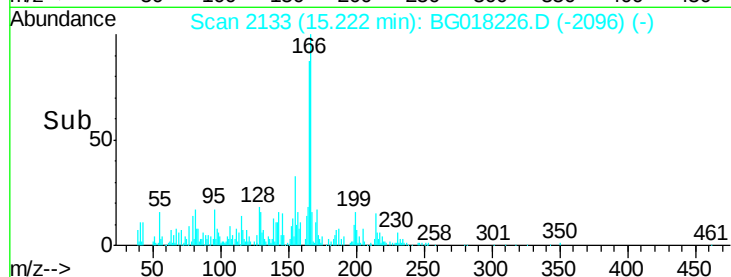
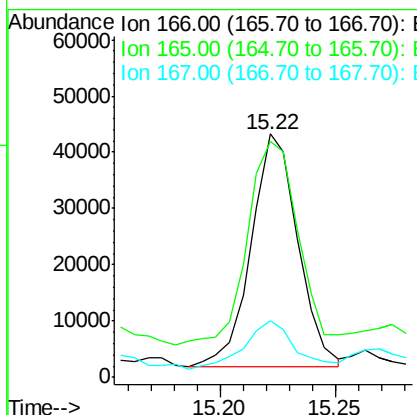
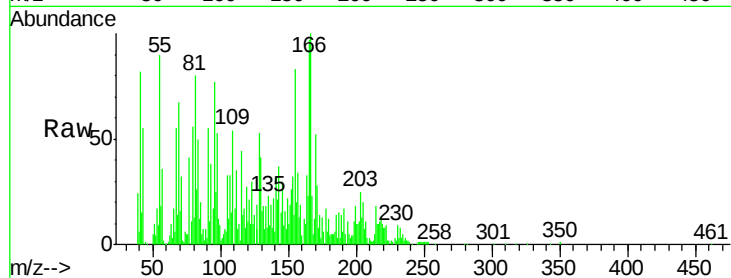
#59
Fluorene
Concen: 4.60 ng/ul
RT: 15.22 min Scan# 2133
Delta R.T. 0.02 min
Lab File: BG018226.D
Acq: 2 Aug 2015 15:15

Instrument :
BNA_G
ClientSampleId :
C02L8RE

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	58181		
165	97.0	75.1	112.7	
167	23.3	11.8	17.6	

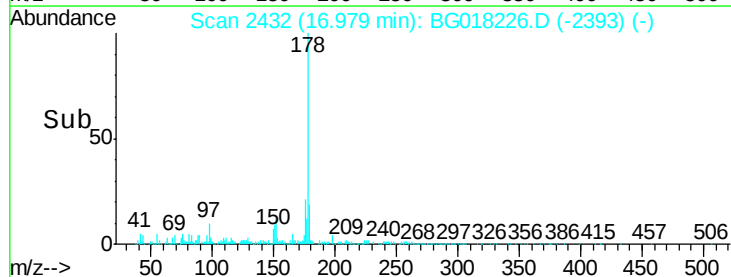
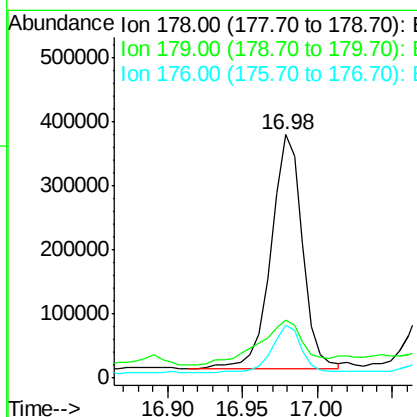
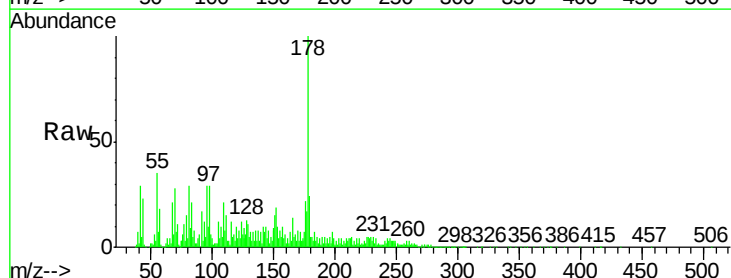
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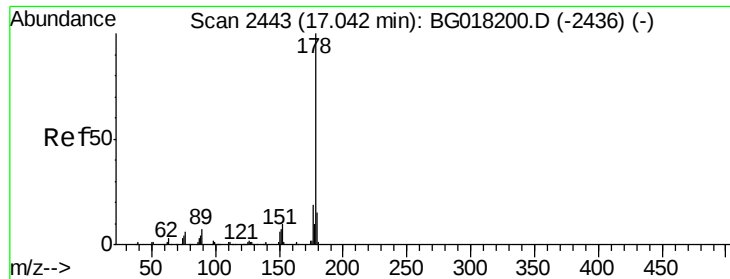
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#70
Phenanthrene
Concen: 27.26 ng/ul
RT: 16.98 min Scan# 2432
Delta R.T. 0.03 min
Lab File: BG018226.D
Acq: 2 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	541574		
179	23.8	12.8	19.2	
176	21.9	16.0	24.0	





#72

Anthracene

Concen: 6.19 ng/ul

RT: 17.07 min Scan# 2448

Delta R.T. 0.03 min

Lab File: BG018226.D

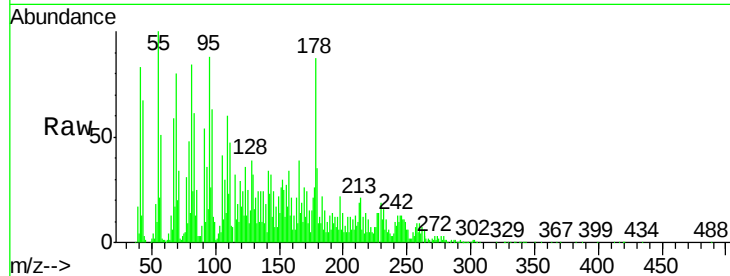
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Instrument :

BNA_G

ClientSampleId :

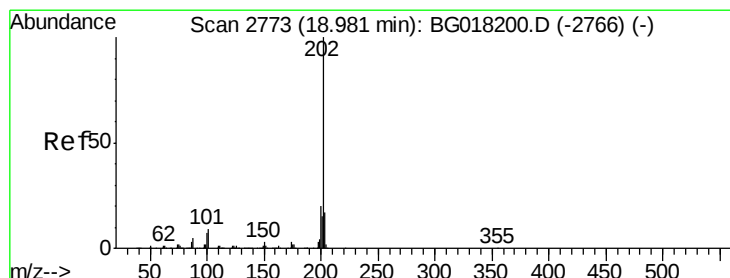
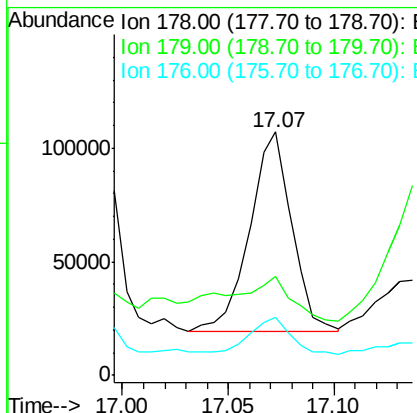
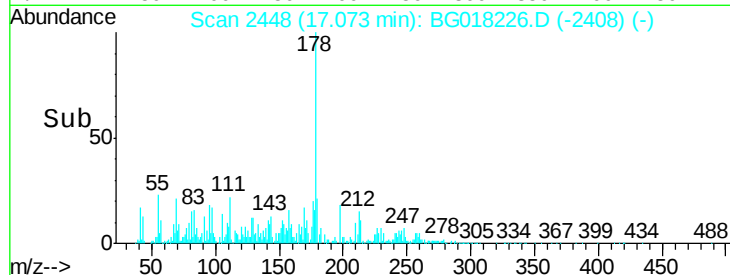
C02L8RE



Tgt Ion:	178	Resp:	122375
Ion Ratio	Lower	Upper	
178	100		
179	40.5	12.2	18.2#
176	23.8	14.8	22.2#

Manual Integrations
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#77

Fluoranthene

Concen: 57.30 ng/ul

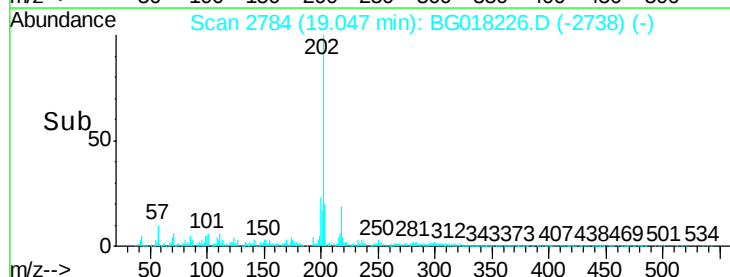
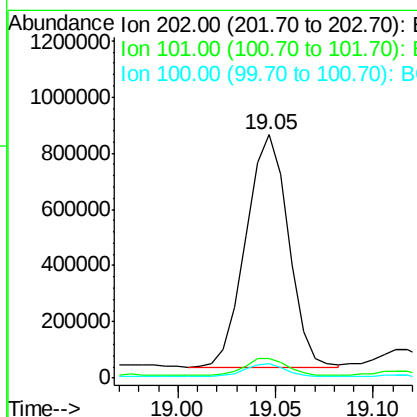
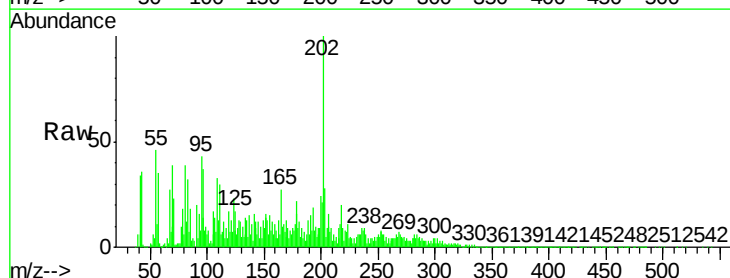
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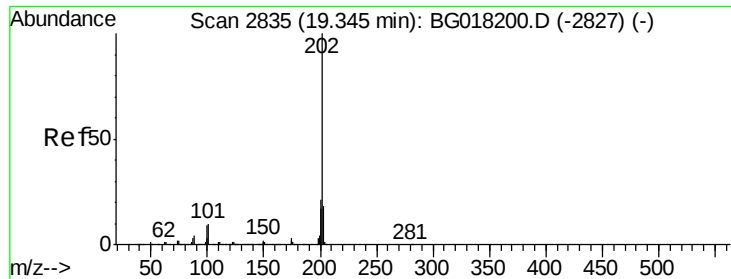
Delta R.T. 0.07 min

Lab File: BG018226.D

Acq: 2 Aug 2015 15:15

Tgt Ion:	202	Resp:	1250328
Ion Ratio	Lower	Upper	
202	100		
101	8.3	7.5	11.3
100	5.9	5.5	8.3





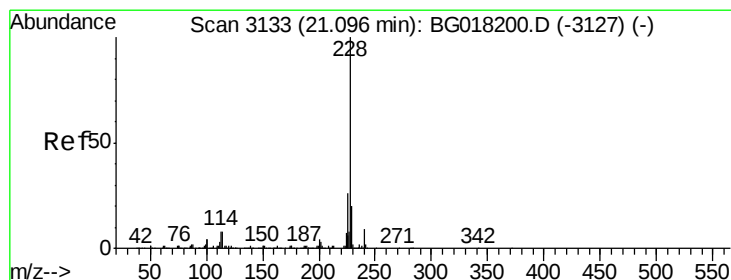
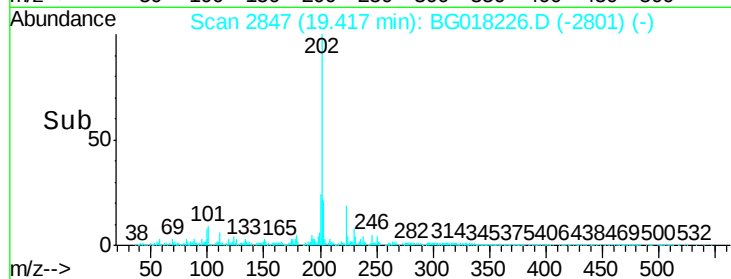
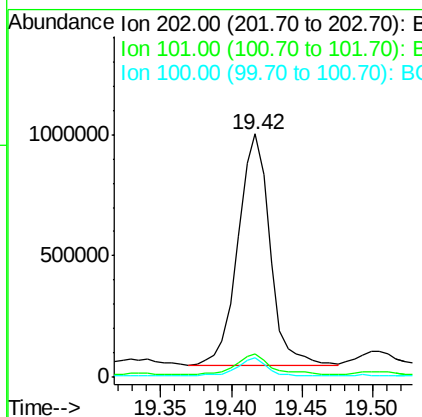
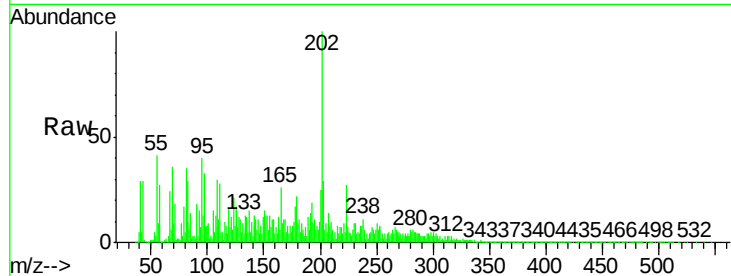
#80
Pyrene
Concen: 32.12 ng/ul
RT: 19.42 min Scan# 2847
Delta R.T. 0.07 min
Lab File: BG018226.D
Acq: 2 Aug 2015 15:15

Instrument :
BNA_G
ClientSampleId :
C02L8RE

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.1	12.1
100	8.1	7.4	11.0

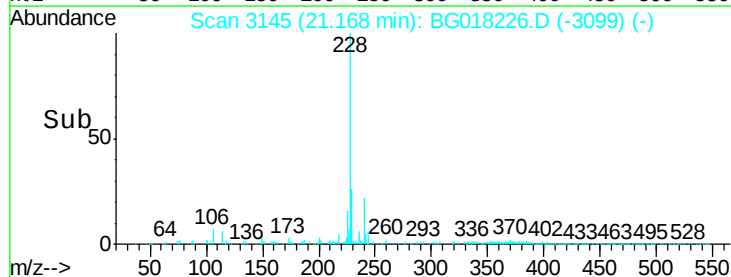
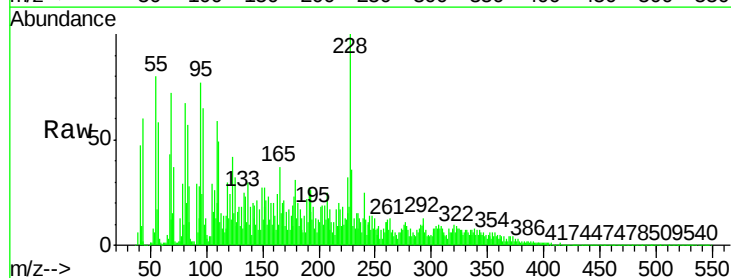
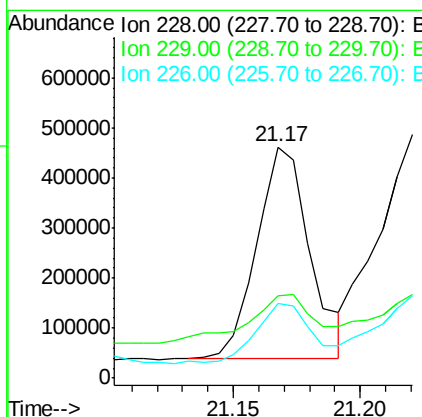
Manual Integrations
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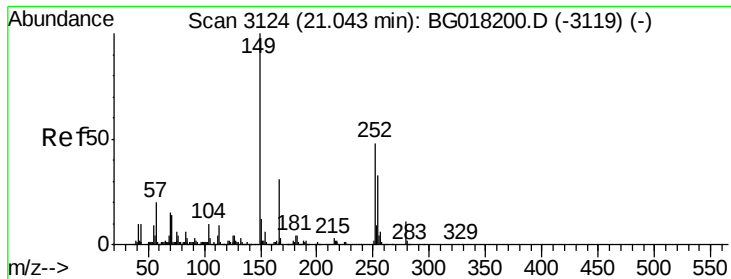
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#83
Benzo(a)anthracene
Concen: 14.84 ng/ul
RT: 21.17 min Scan# 3145
Delta R.T. 0.07 min
Lab File: BG018226.D
Acq: 2 Aug 2015 15:15

Tgt Ion	Ratio	Lower	Upper
228	100		
229	35.8	16.5	24.7#
226	32.4	21.5	32.3#





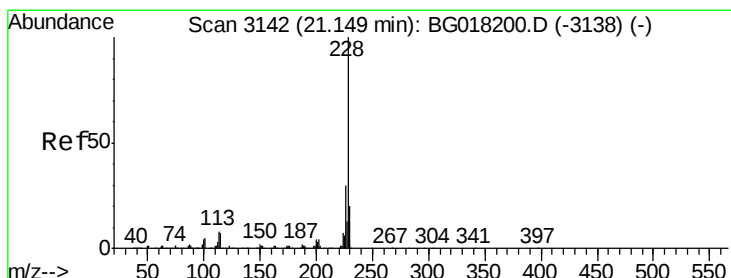
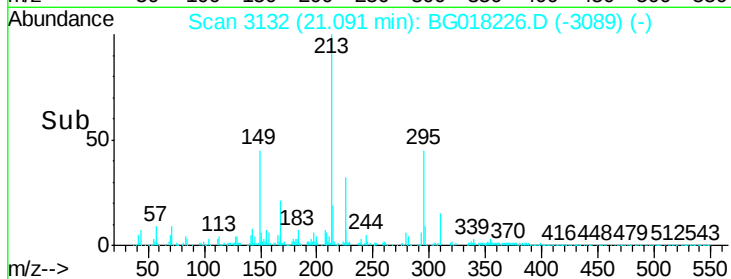
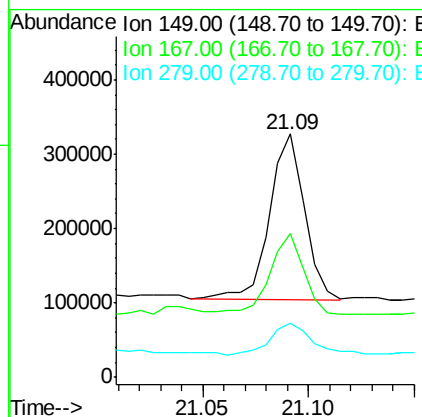
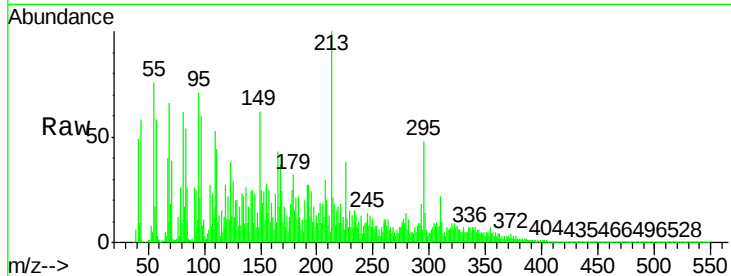
#84
Bis(2-ethylhexyl)phthalate
Concen: 10.08 ng/ul
RT: 21.09 min Scan# 3132
Delta R.T. 0.05 min
Lab File: BG018226.D
Acq: 2 Aug 2015 15:15

Instrument :
BNA_G
ClientSampled :
C02L8RE

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	259056		
167	59.1	27.4	41.2#	
279	22.5	8.3	12.5#	

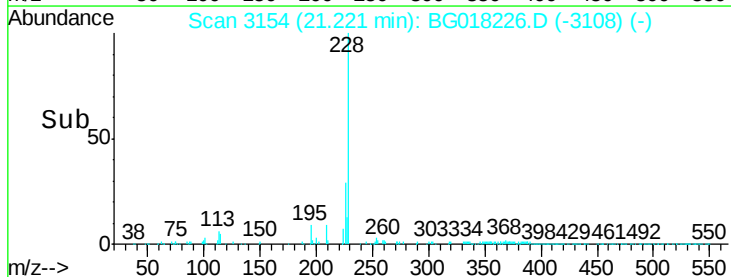
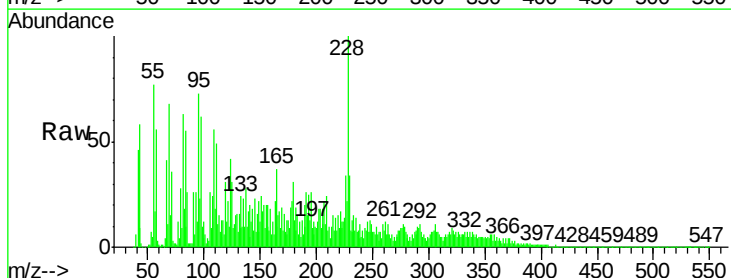
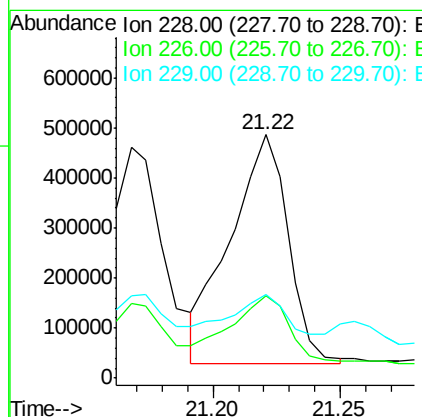
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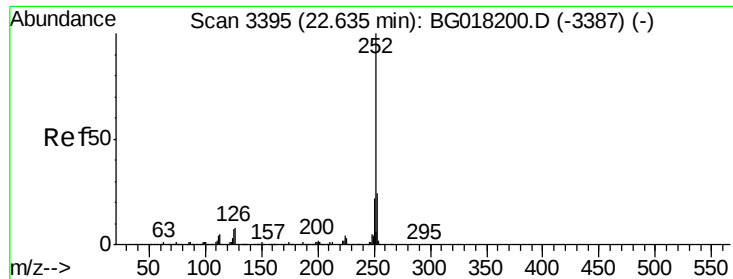
MMDadoda
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#85
Chrysene
Concen: 19.21 ng/ul
RT: 21.22 min Scan# 3154
Delta R.T. 0.07 min
Lab File: BG018226.D
Acq: 2 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	732862		
226	33.9	22.7	34.1	
229	34.2	16.2	24.2#	





#88

Benzo(b)fluoranthene

Concen: 24.59 ng/ul

RT: 22.72 min Scan# 3410

Delta R.T. 0.09 min

Lab File: BG018226.D

Acq: 2 Aug 2015 15:15

Instrument :

BNA_G

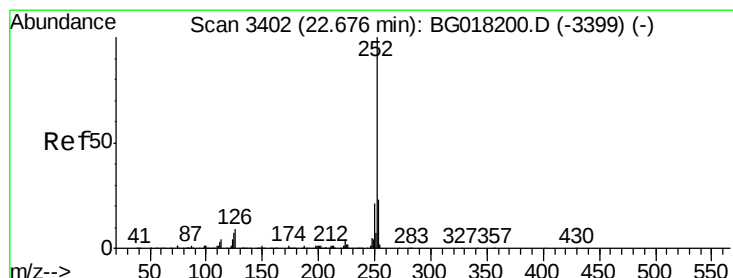
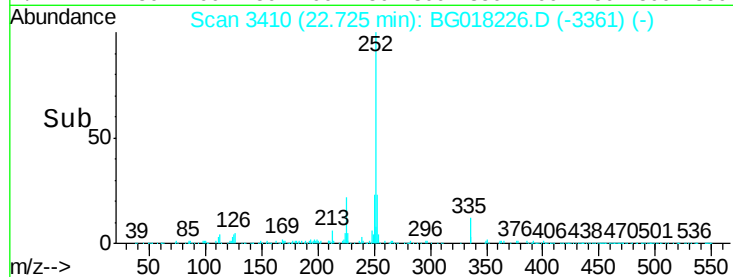
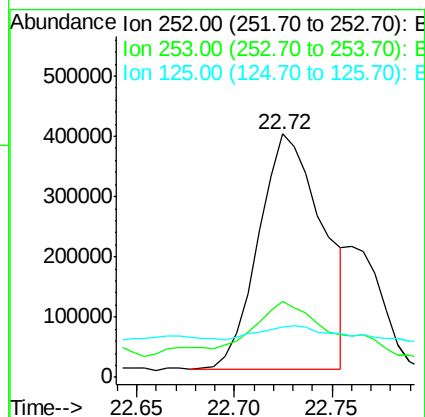
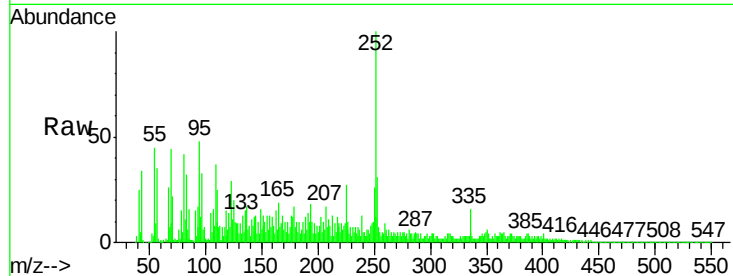
ClientSampleId :

C02L8RE

Tgt Ion:	252	Resp:	886169
Ion Ratio	Lower	Upper	
252	100		
253	31.1	18.5	27.7#
125	20.4	7.4	11.0#

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#89

Benzo(k)fluoranthene

Concen: 7.94 ng/ul m

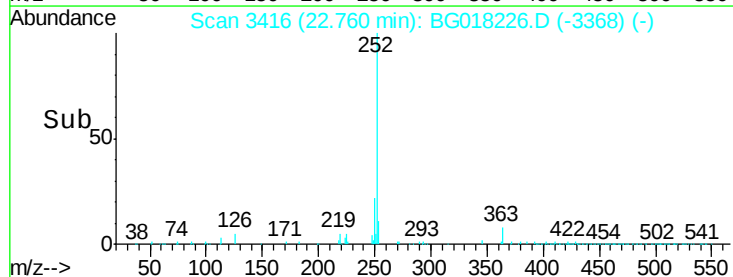
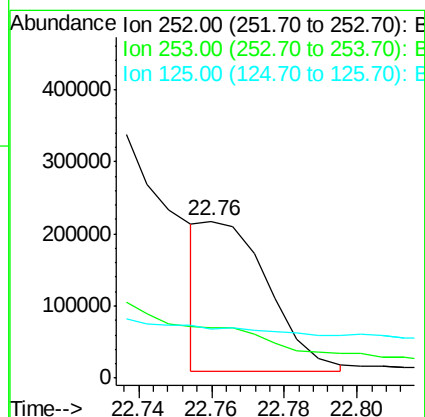
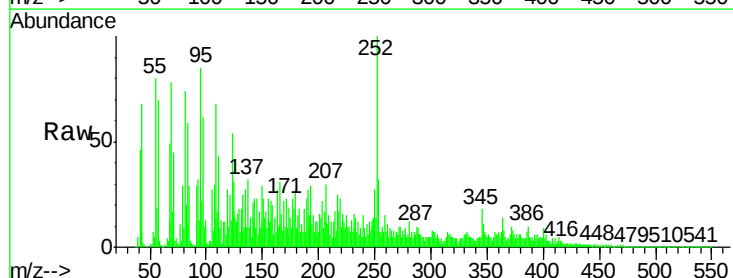
RT: 22.76 min Scan# 3416

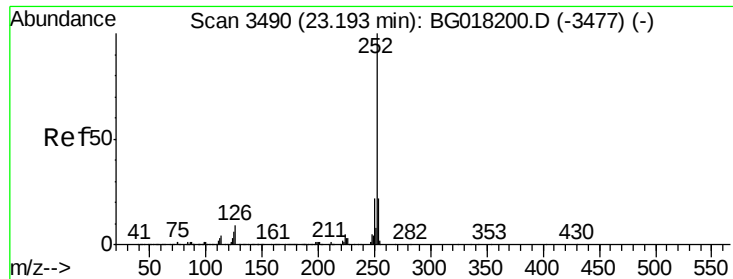
Delta R.T. 0.08 min

Lab File: BG018226.D

Acq: 2 Aug 2015 15:15

Tgt Ion:	252	Resp:	262826
Ion Ratio	Lower	Upper	
252	100		
253	31.8	18.2	27.2#
125	31.5	7.5	11.3#





#91

Benzo(a)pyrene

Concen: 16.46 ng/ul

RT: 23.29 min Scan# 3507

Delta R.T. 0.10 min

Lab File: BG018226.D

Acq: 2 Aug 2015 15:15

Instrument :

BNA_G

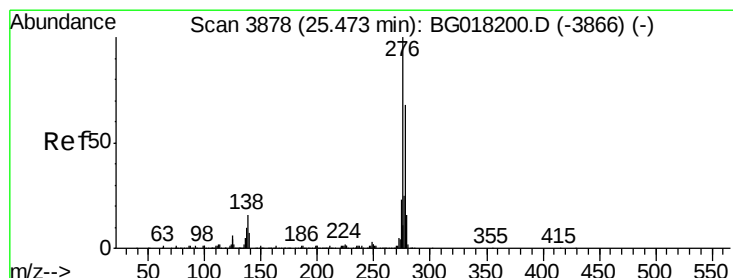
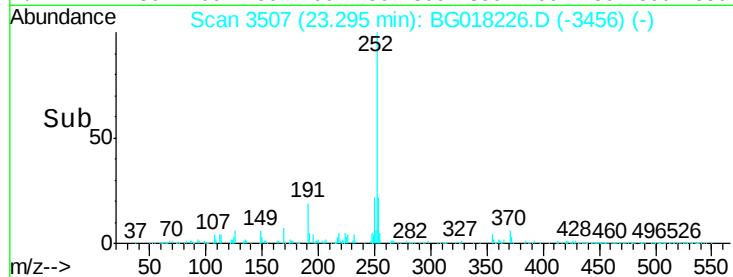
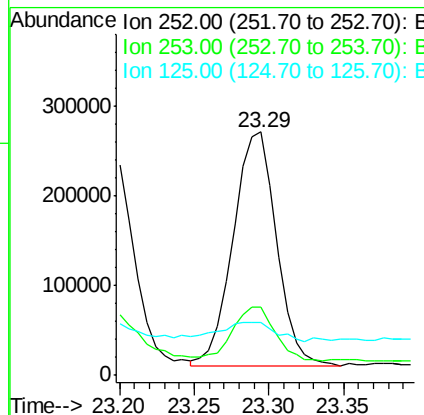
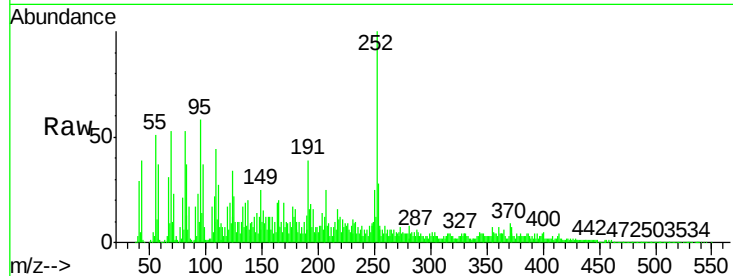
ClientSampleId :

C02L8RE

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	530514		
253	28.1	17.4	26.2#	
125	22.0	7.3	10.9#	

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#92

Indeno(1,2,3-cd)pyrene

Concen: 7.92 ng/ul

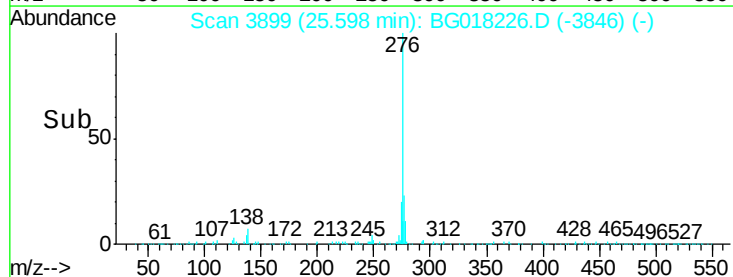
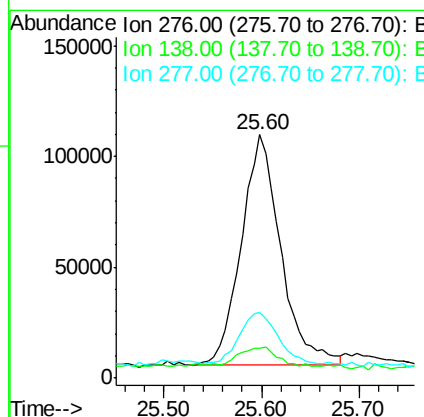
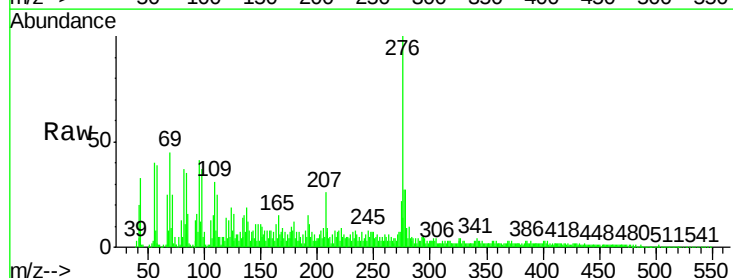
RT: 25.60 min Scan# 3899

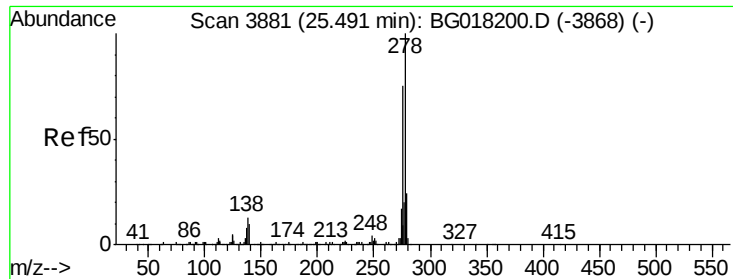
Delta R.T. 0.11 min

Lab File: BG018226.D

Acq: 2 Aug 2015 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	295238		
138	12.3	17.2	25.8#	
277	26.8	19.5	29.3	





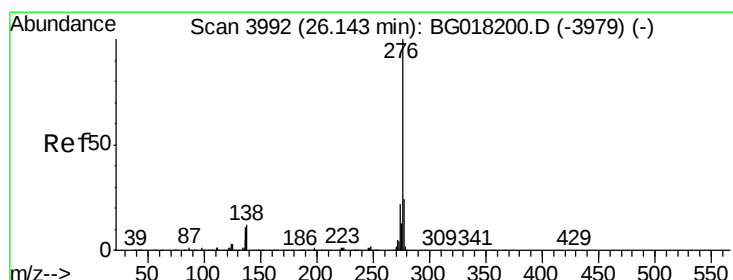
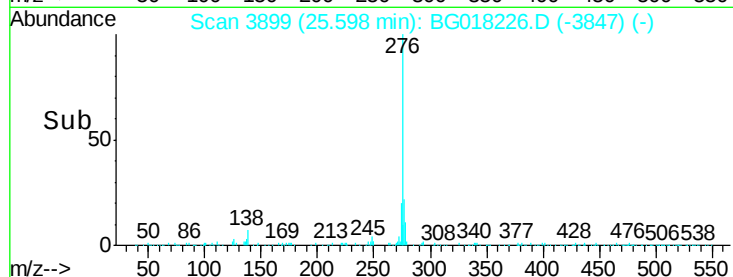
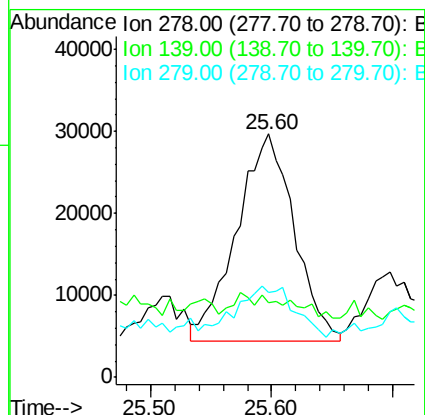
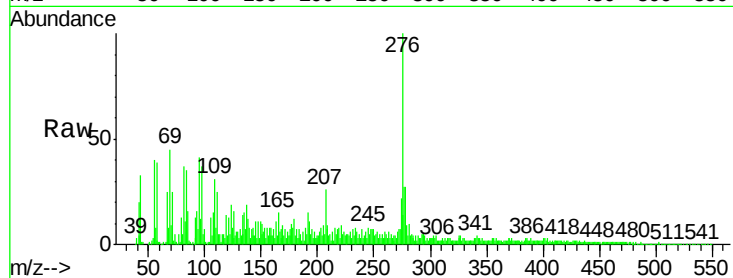
#93
Dibenzo(a,h)anthracene
Concen: 2.62 ng/ul
RT: 25.60 min Scan# 3899
Delta R.T. 0.10 min
Lab File: BG018226.D
Acq: 2 Aug 2015 15:15

Instrument :
BNA_G
ClientSampleId :
C02L8RE

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.5	12.2	18.2#
279	34.7	20.0	30.0#

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#94
Benzo(g,h,i)perylene
Concen: 8.78 ng/ul
RT: 26.28 min Scan# 4015
Delta R.T. 0.13 min
Lab File: BG018226.D
Acq: 2 Aug 2015 15:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.1	15.1	22.7#
277	29.4	19.8	29.6

