

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
 Data File : BG018324.D
 Acq On : 8 Aug 2015 10:44
 Operator : UM/TP
 Sample : G3095-11DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01S2DL

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:23:30 PM

Quant Time: Aug 10 05:08:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	14313	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	69053	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	47025	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	110133	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	92194	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	74861	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.61	99	2465	1.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	1342m	1.76	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	1786	1.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	1658	1.46	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	1384m	2.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	1003	1.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	2164m	1.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	1277m	0.86	ng/ul	0.02
44) Dimethylphthalate-d6	13.50	166	7559	1.59	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	9232	1.76	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.09	176	7746	1.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.95	188	10001	1.68	ng/ul	0.00
79) Pyrene-d10	19.26	212	10044	1.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	8872	1.83	ng/ul	0.00

Target Compounds

						Ovalue
50) Acenaphthene	14.16	153	11597	3.29	ng/ul	97
59) Fluorene	15.15	166	11746	2.61	ng/ul	89
70) Phenanthrene	16.89	178	181473	26.35	ng/ul	97
72) Anthracene	16.98	178	39315	5.67	ng/ul	96
75) Carbazole	17.26	167	16293	3.04	ng/ul	99
77) Fluoranthene	18.93	202	317933	42.33	ng/ul	99
80) Pyrene	19.30	202	270076	40.19	ng/ul	98
83) Benzo(a)anthracene	21.05	228	140528	22.39	ng/ul	98
85) Chrysene	21.11	228	125696	21.65	ng/ul	96
88) Benzo(b)fluoranthene	22.58	252	160235	28.25	ng/ul#	94
89) Benzo(k)fluoranthene	22.62	252	48844m	9.02	ng/ul	
91) Benzo(a)pyrene	23.13	252	105487	20.65	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.38	276	91873	14.73	ng/ul	95
93) Dibenzo(a,h)anthracene	25.38	278	23664m	4.35	ng/ul	
94) Benzo(g,h,i)perylene	26.05	276	84184	16.56	ng/ul#	88

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

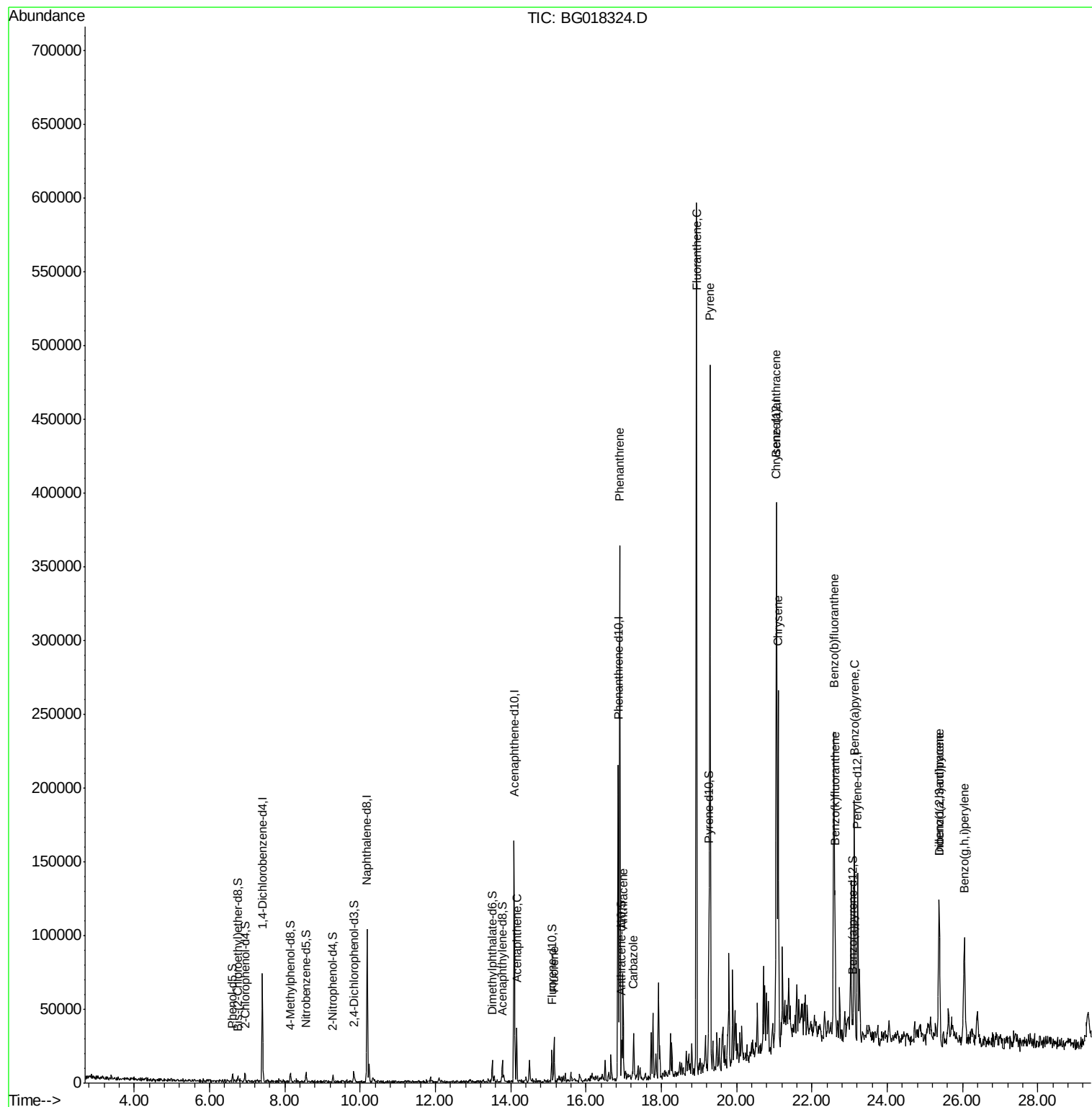
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

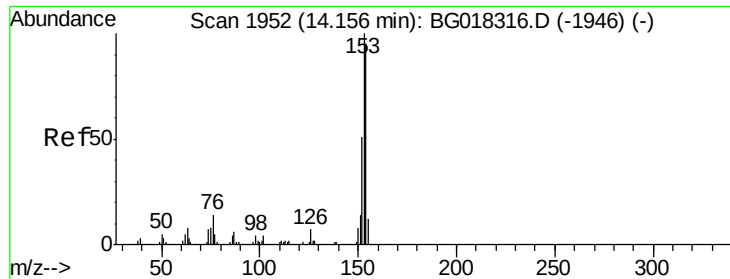
Instrument :
BNA_G
ClientSampleId :
C01S2DL

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Quant Time: Aug 10 05:08:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 01:57:33 2015
Response via : Initial Calibration





#50

Acenaphthene

Concen: 3.29 ng/ul

RT: 14.16 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG018324.D

Acq: 8 Aug 2015 10:44

Instrument :

BNA_G

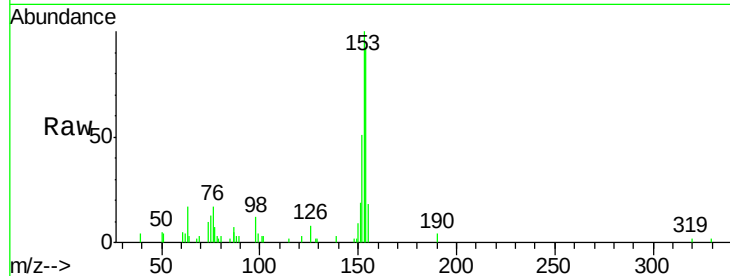
ClientSampleId :

C01S2DL

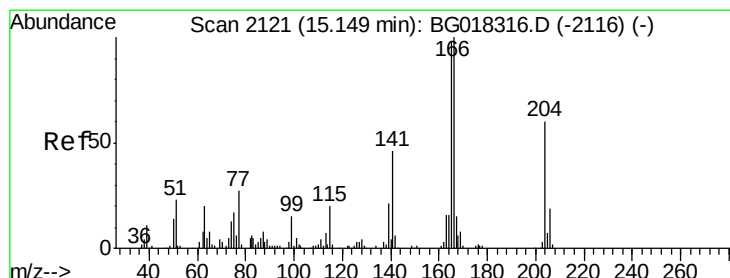
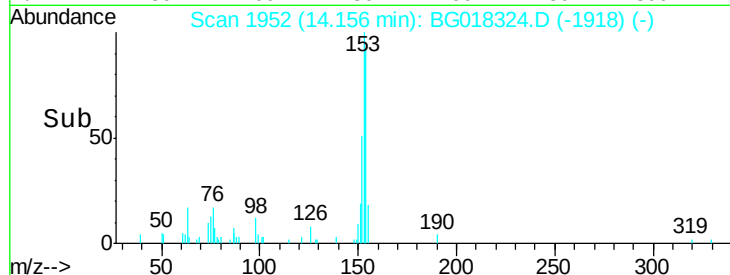
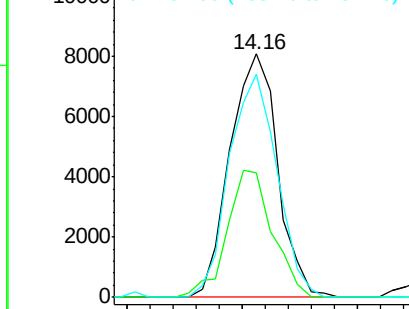
Tot Ion:	153	Resp:	11597
Ion Ratio	Lower	Upper	
153	100		
152	51.1	41.1	61.7
154	91.6	76.2	114.2

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#59

Fluorene

Concen: 2.61 ng/ul

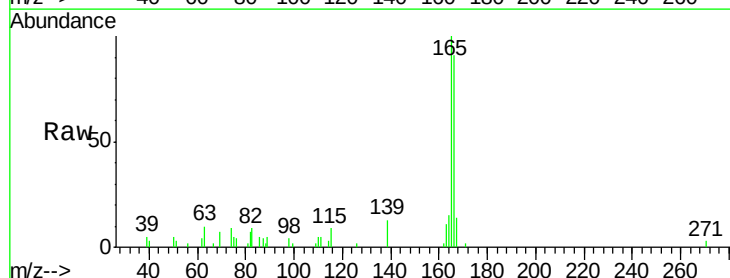
RT: 15.15 min Scan# 2121

Delta R.T. -0.00 min

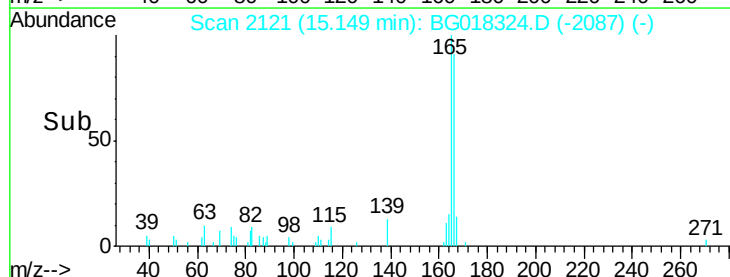
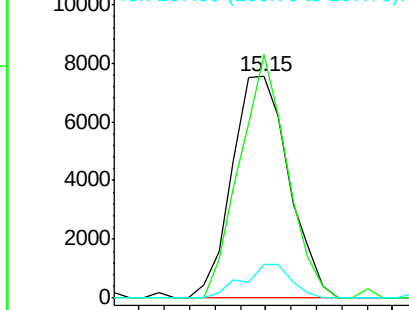
Lab File: BG018324.D

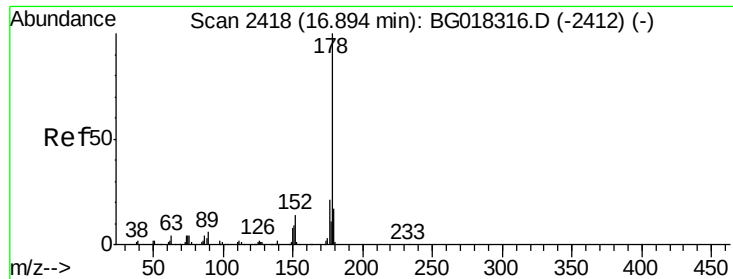
Acq: 8 Aug 2015 10:44

Tgt Ion:	166	Resp:	11746
Ion Ratio	Lower	Upper	
166	100		
165	110.1	78.5	117.7
167	15.2	11.9	17.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





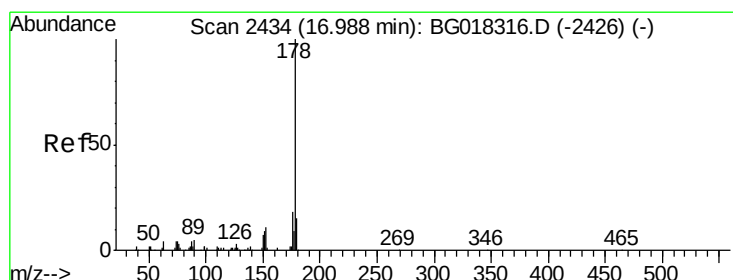
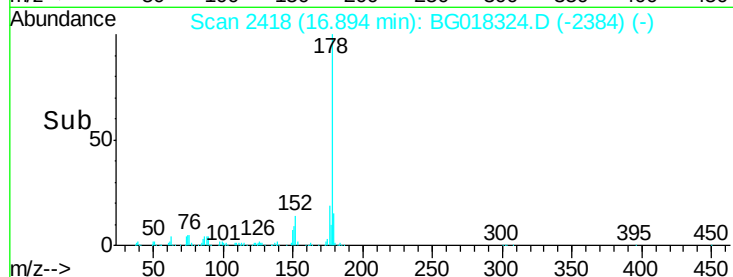
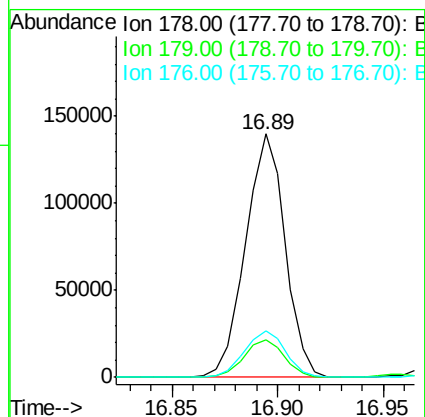
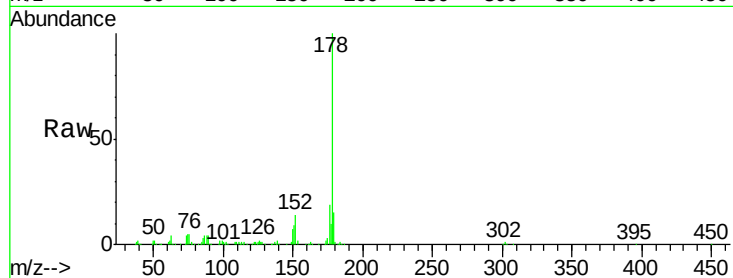
#70
Phenanthrene
Concen: 26.35 ng/ul
RT: 16.89 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG018324.D
Acq: 8 Aug 2015 10:44

Instrument :
BNA_G
ClientSampleId :
C01S2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.2
176	19.3	16.7	25.1

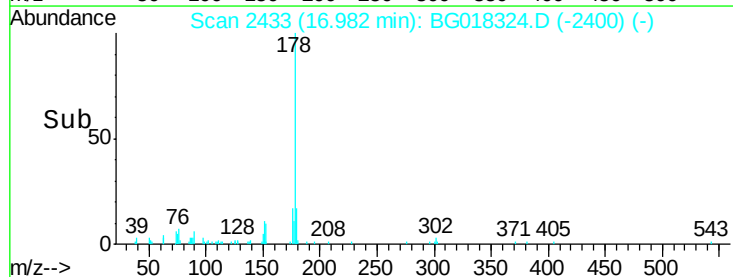
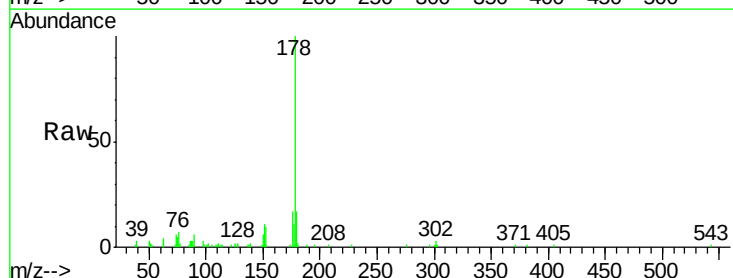
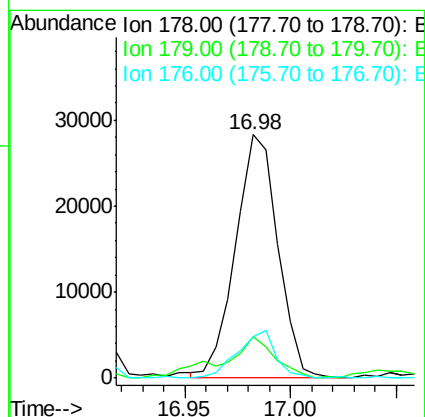
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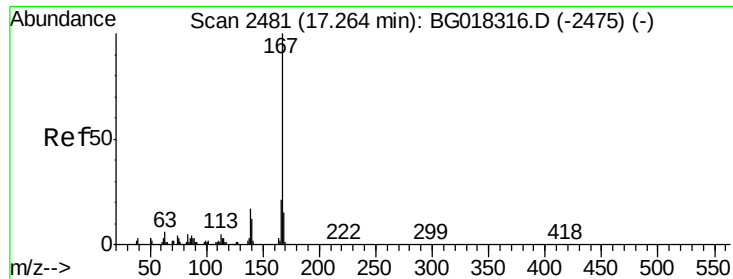
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#72
Anthracene
Concen: 5.67 ng/ul
RT: 16.98 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG018324.D
Acq: 8 Aug 2015 10:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	11.8	17.8
176	17.2	14.7	22.1





#75

Carbazole

Concen: 3.04 ng/ul

RT: 17.26 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BG018324.D

Acq: 8 Aug 2015 10:44

Instrument :

BNA_G

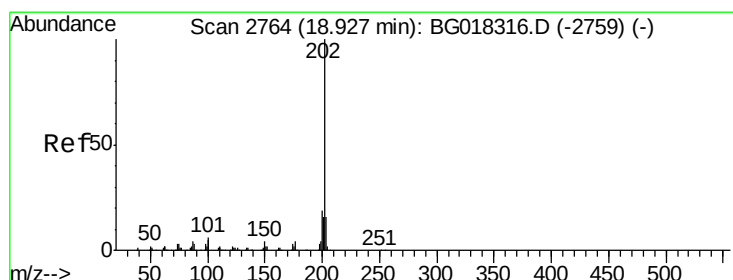
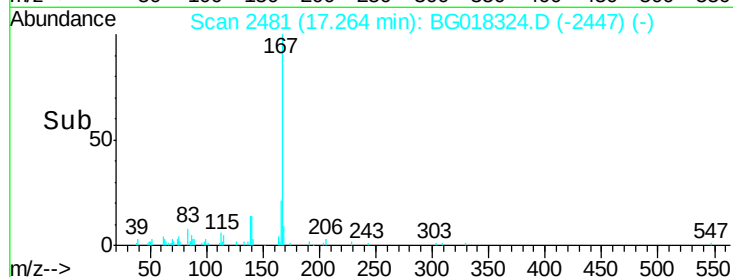
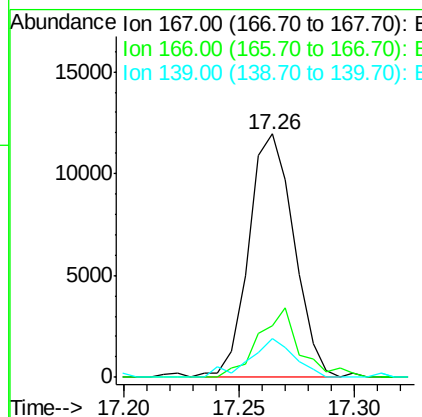
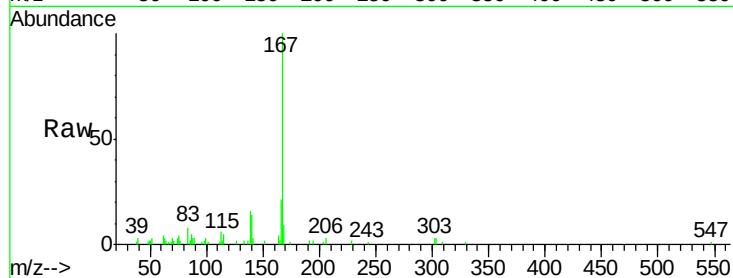
ClientSampleId :

C01S2DL

Tot Ion:	167	Resp:	16293
Ion Ratio	Lower	Upper	
167	100		
166	21.1	16.5	24.7
139	16.2	13.4	20.2

Manual Integrations
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#77

Fluoranthene

Concen: 42.33 ng/ul

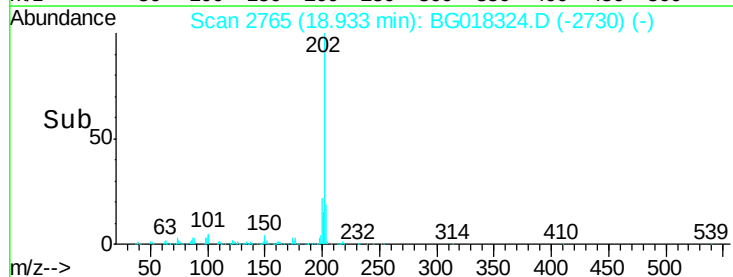
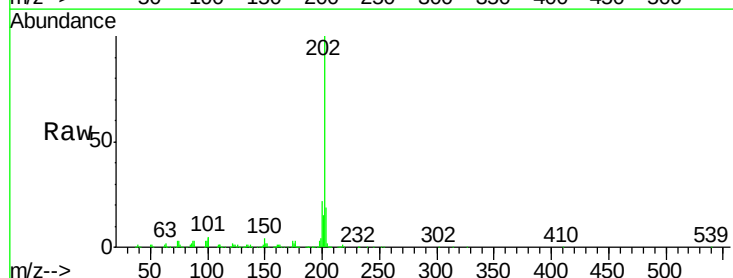
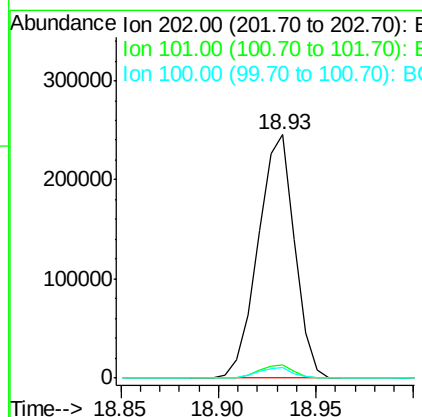
RT: 18.93 min Scan# 2765

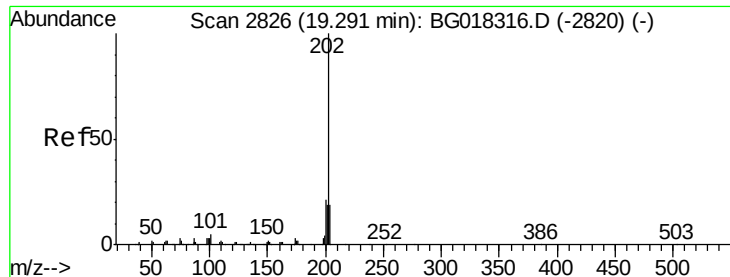
Delta R.T. 0.01 min

Lab File: BG018324.D

Acq: 8 Aug 2015 10:44

Tgt Ion:	202	Resp:	317933
Ion Ratio	Lower	Upper	
202	100		
101	5.5	4.5	6.7
100	4.3	3.9	5.9





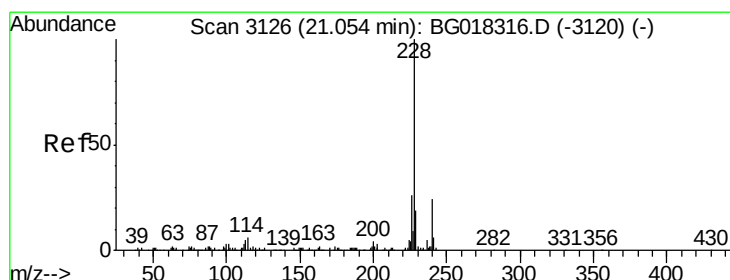
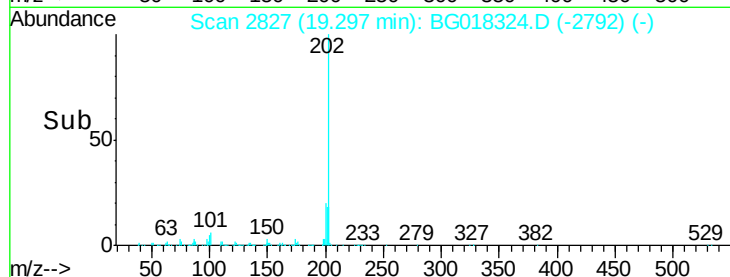
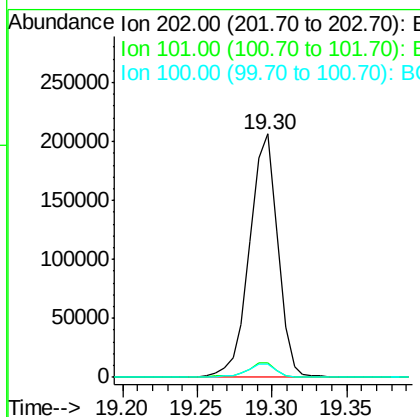
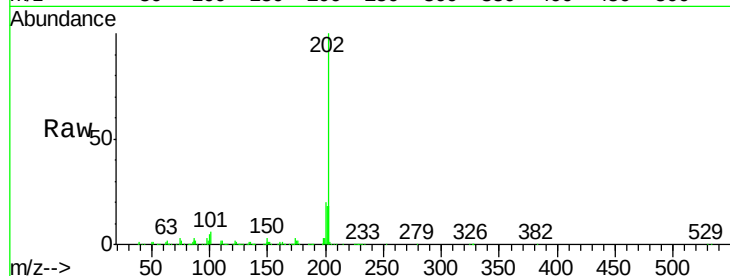
#80
Pvrene
Concen: 40.19 ng/ul
RT: 19.30 min Scan# 2827
Delta R.T. 0.01 min
Lab File: BG018324.D
Acq: 8 Aug 2015 10:44

Instrument :
BNA_G
ClientSampleId :
C01S2DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.0	4.4	6.6
100	5.4	3.8	5.8

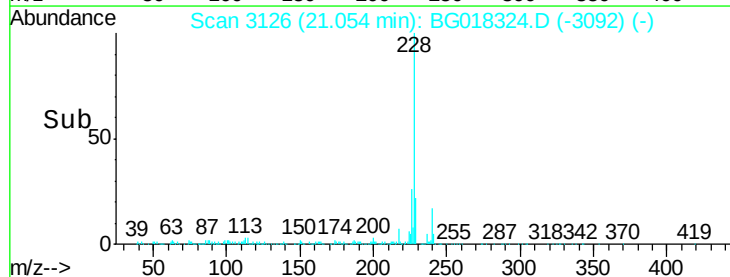
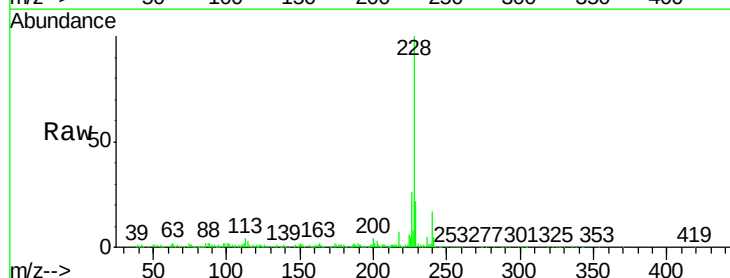
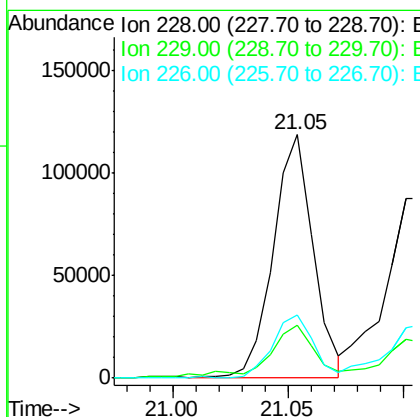
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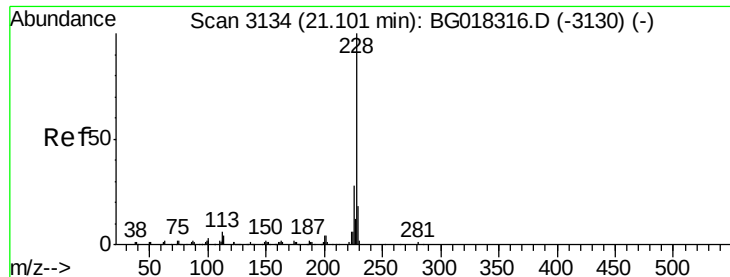
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#83
Benzo(a)anthracene
Concen: 22.39 ng/ul
RT: 21.05 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG018324.D
Acq: 8 Aug 2015 10:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.7	15.4	23.2
226	26.2	20.9	31.3





#85

Chrysene

Concen: 21.65 ng/ul

RT: 21.11 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BG018324.D

Acq: 8 Aug 2015 10:44

Instrument :

BNA_G

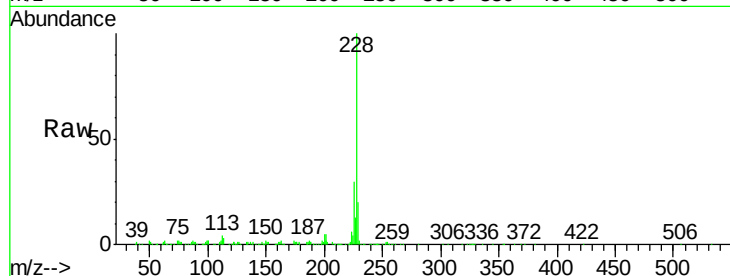
ClientSampleId :

C01S2DL

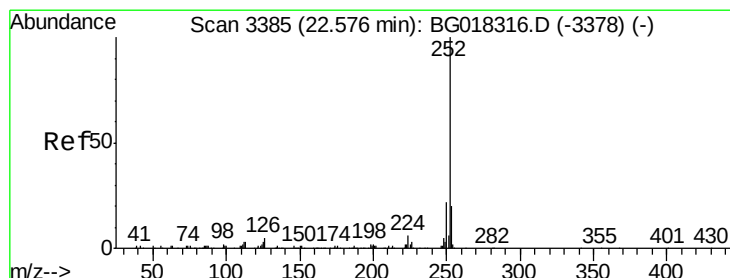
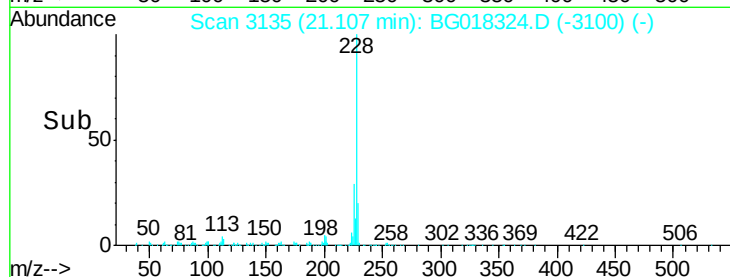
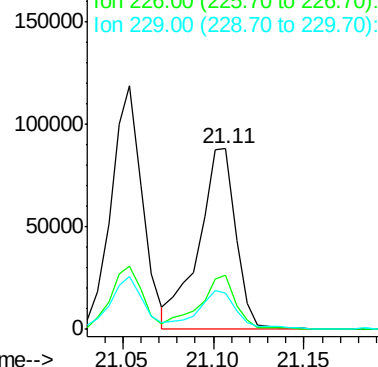
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	29.7		22.6	33.8	
229	20.3		14.2	21.2	

Manual Integrations
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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: 28.25 ng/ul

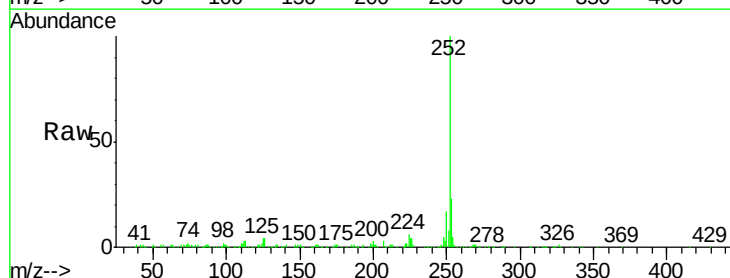
RT: 22.58 min Scan# 3386

Delta R.T. 0.01 min

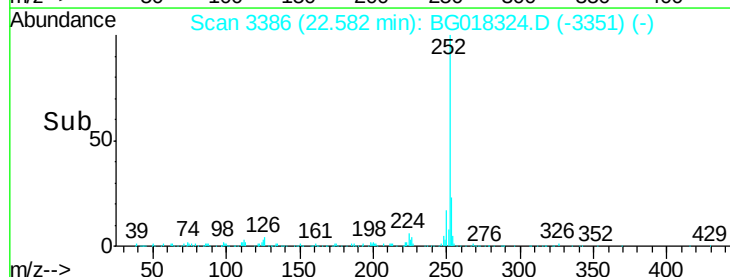
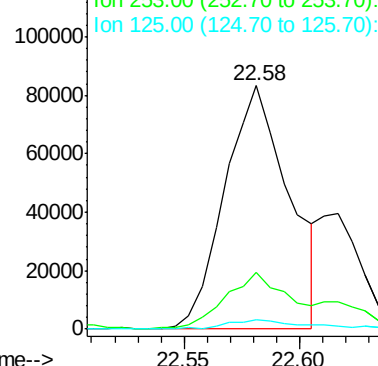
Lab File: BG018324.D

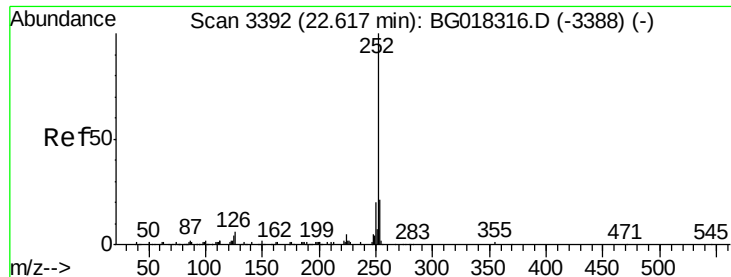
Acq: 8 Aug 2015 10:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	23.4		16.2	24.4	
125	3.7		2.4	3.6#	



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





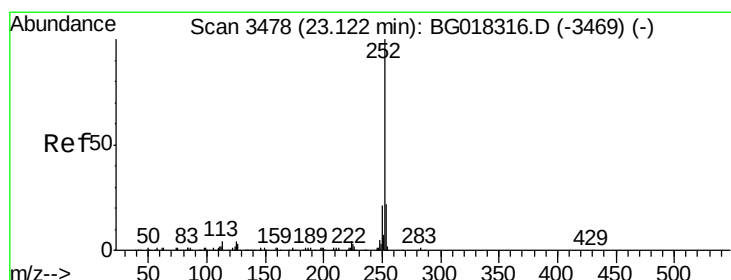
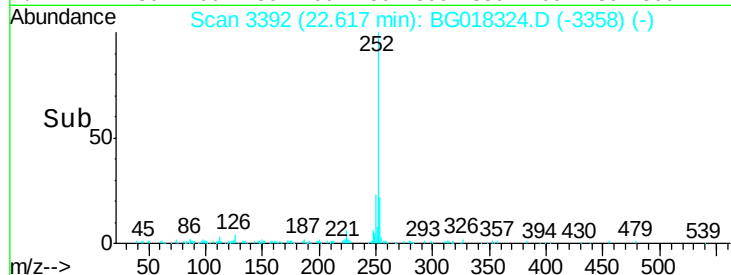
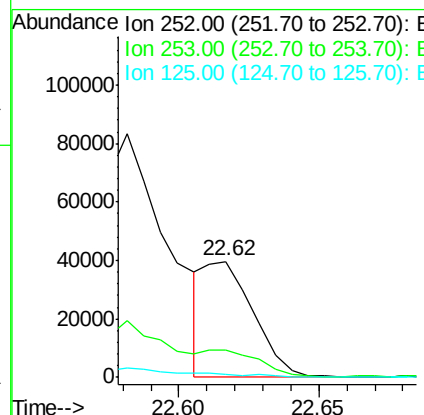
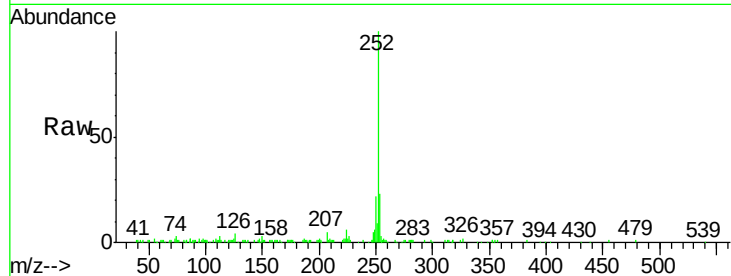
#89
Benzo(k)fluoranthene
Concen: 9.02 ng/ul m
RT: 22.62 min Scan# 3392
Delta R.T. -0.00 min
Lab File: BG018324.D
Acq: 8 Aug 2015 10:44

Instrument :
BNA_G
ClientSampleId :
C01S2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	2.2	3.3	4.9#

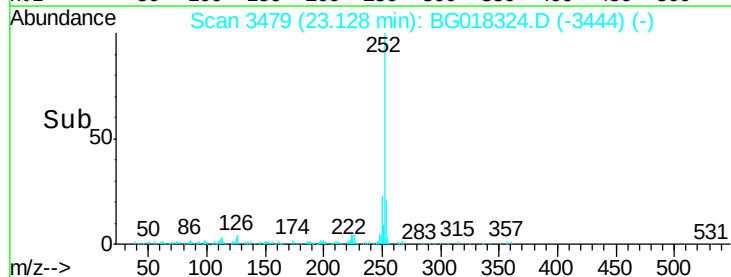
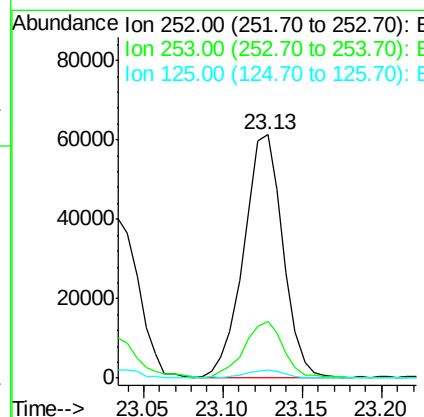
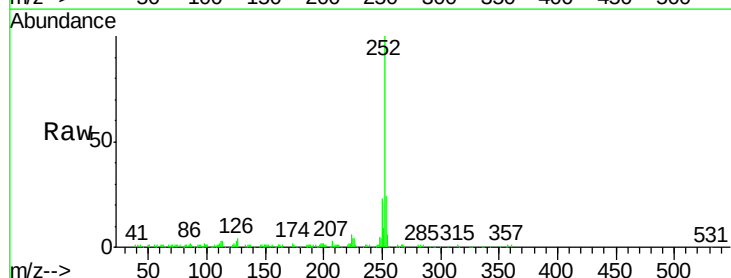
Manual Integrations
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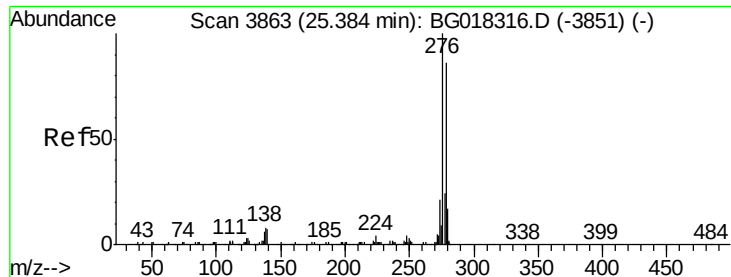
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#91
Benzo(a)pyrene
Concen: 20.65 ng/ul
RT: 23.13 min Scan# 3479
Delta R.T. 0.01 min
Lab File: BG018324.D
Acq: 8 Aug 2015 10:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	3.2	2.8	4.2





#92

Indeno(1,2,3-cd)pyrene

Concen: 14.73 ng/ul

RT: 25.38 min Scan# 3862

Delta R.T. -0.01 min

Lab File: BG018324.D

Acq: 8 Aug 2015 10:44

Instrument :

BNA_G

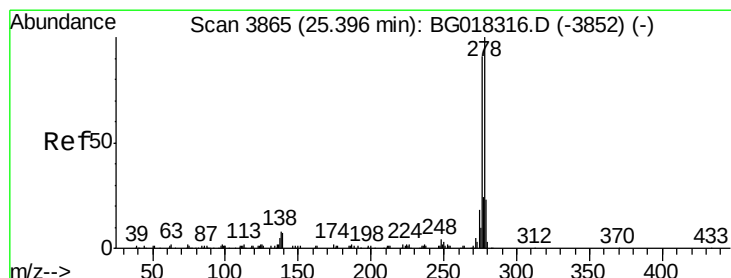
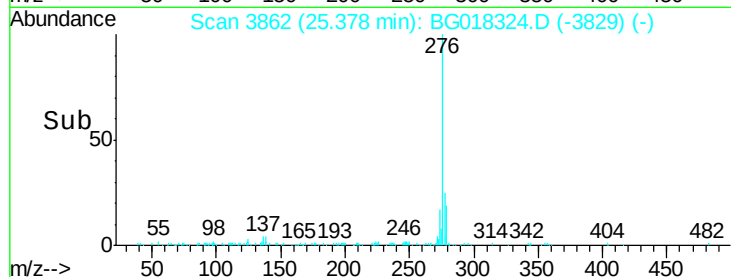
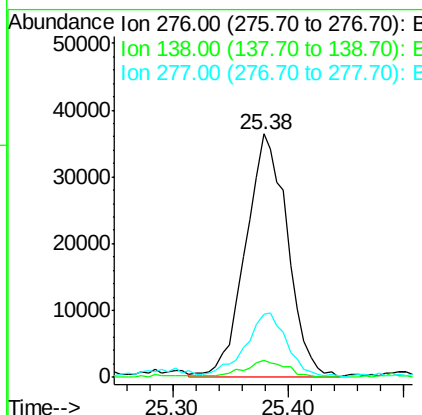
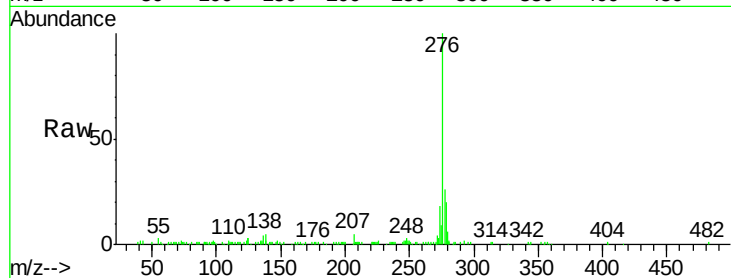
ClientSampleId :

C01S2DL

Tot Ion:	276	Resp:	91873
Ion Ratio	Lower	Upper	
276	100		
138	7.0	6.6	9.8
277	26.0	18.9	28.3

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:23:30 PM



#93

Dibenzo(a,h)anthracene

Concen: 4.35 ng/ul m

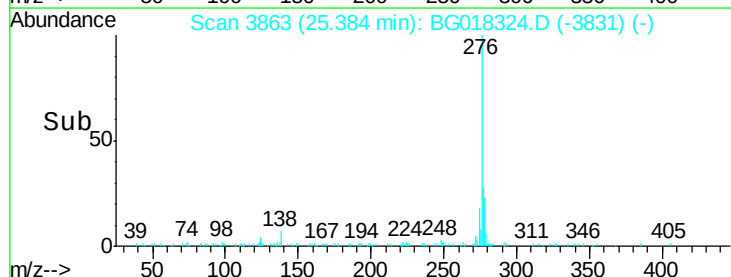
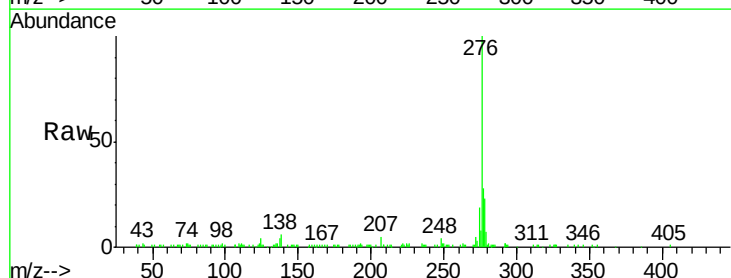
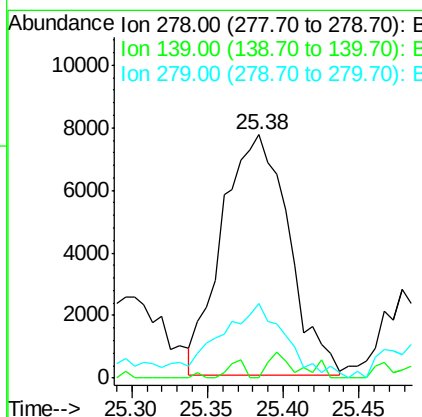
RT: 25.38 min Scan# 3863

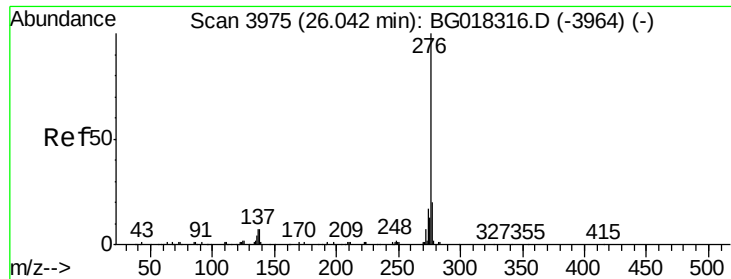
Delta R.T. -0.01 min

Lab File: BG018324.D

Acq: 8 Aug 2015 10:44

Tgt Ion:	278	Resp:	23664
Ion Ratio	Lower	Upper	
278	100		
139	0.0	5.4	8.0#
279	30.8	18.2	27.4#





#94

Benzo(a,h,i)perylene

Concen: 16.56 ng/ul

RT: 26.05 min Scan# 3976

Delta R.T. 0.01 min

Lab File: BG018324.D

Acq: 8 Aug 2015 10:44

Instrument :

BNA_G

ClientSampleId :

C01S2DL

Tot Ion: 276 Resp: 84184
Ion Ratio Lower Upper

276 100

138 7.3 5.8 8.6

277 27.8 16.2 24.4#

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:23:30 PM

