

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
 Data File : BG023705.D
 Acq On : 14 Aug 2016 2:02
 Operator : UM/SJ
 Sample : H4385-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS002-1218-01

Manual Integrations
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Quant Time: Aug 16 10:48:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 06:38:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	118896	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	517222	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	313371	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	638315	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	672887	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	677699	20.00	ng/ul	0.00

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	15112	5.40	ng/uL	0.00
5) Phenol-d5	7.27	99	416444	34.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	281738	36.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	300601	36.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	307318	32.87	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	160960	39.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	192389	41.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	323656	36.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	297980	28.76	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	974641	37.99	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1169395	40.50	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	124367	28.39	ng/ul	0.00
57) Fluorene-d10	15.78	176	857255	36.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	118214	28.87	ng/ul	0.00
70) Anthracene-d10	17.65	188	1177048	40.93	ng/ul	0.00
76) Pyrene-d10	19.95	212	1298041	38.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1316227	42.91	ng/ul	0.01

8/16/2016 6:59:50 PM

Target Compounds

						Ovalue
28) Naphthalene	11.00	128	31941	1.22	ng/ul#	88
34) 2-Methylnaphthalene	12.61	142	26790	1.26	ng/ul	94
44) Dimethylphthalate	14.22	163	502010	19.76	ng/ul	100
47) Acenaphthylene	14.51	152	201926	6.69	ng/ul	98
58) Fluorene	15.84	166	79654	3.14	ng/ul	98
69) Phenanthrene	17.60	178	1242057	37.57	ng/ul	97
71) Anthracene	17.68	178	170647	5.06	ng/ul	98
72) Carbazole	17.96	167	36681	1.35	ng/ul#	84
74) Fluoranthene	19.61	202	1795126	53.04	ng/ul#	93
77) Pyrene	19.98	202	2260403	54.34	ng/ul	96
80) Benzo(a)anthracene	21.86	228	1231883	32.51	ng/ul#	91
81) Bis(2-ethylhexyl)phthalate	21.73	149	80250	3.78	ng/ul#	95
82) Chrysene	21.93	228	1354614	39.31	ng/ul#	92
85) Benzo(b)fluoranthene	24.20	252	1469509	38.12	ng/ul#	93
86) Benzo(k)fluoranthene	24.26	252	470167m	12.39	ng/ul	
88) Benzo(a)pyrene	25.13	252	1181780	31.75	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.20	276	657981	15.05	ng/ul#	84
90) Dibenzo(a,h)anthracene	29.25	278	160403	4.30	ng/ul#	89
91) Benzo(g,h,i)perylene	30.43	276	586132	16.17	ng/ul#	83

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

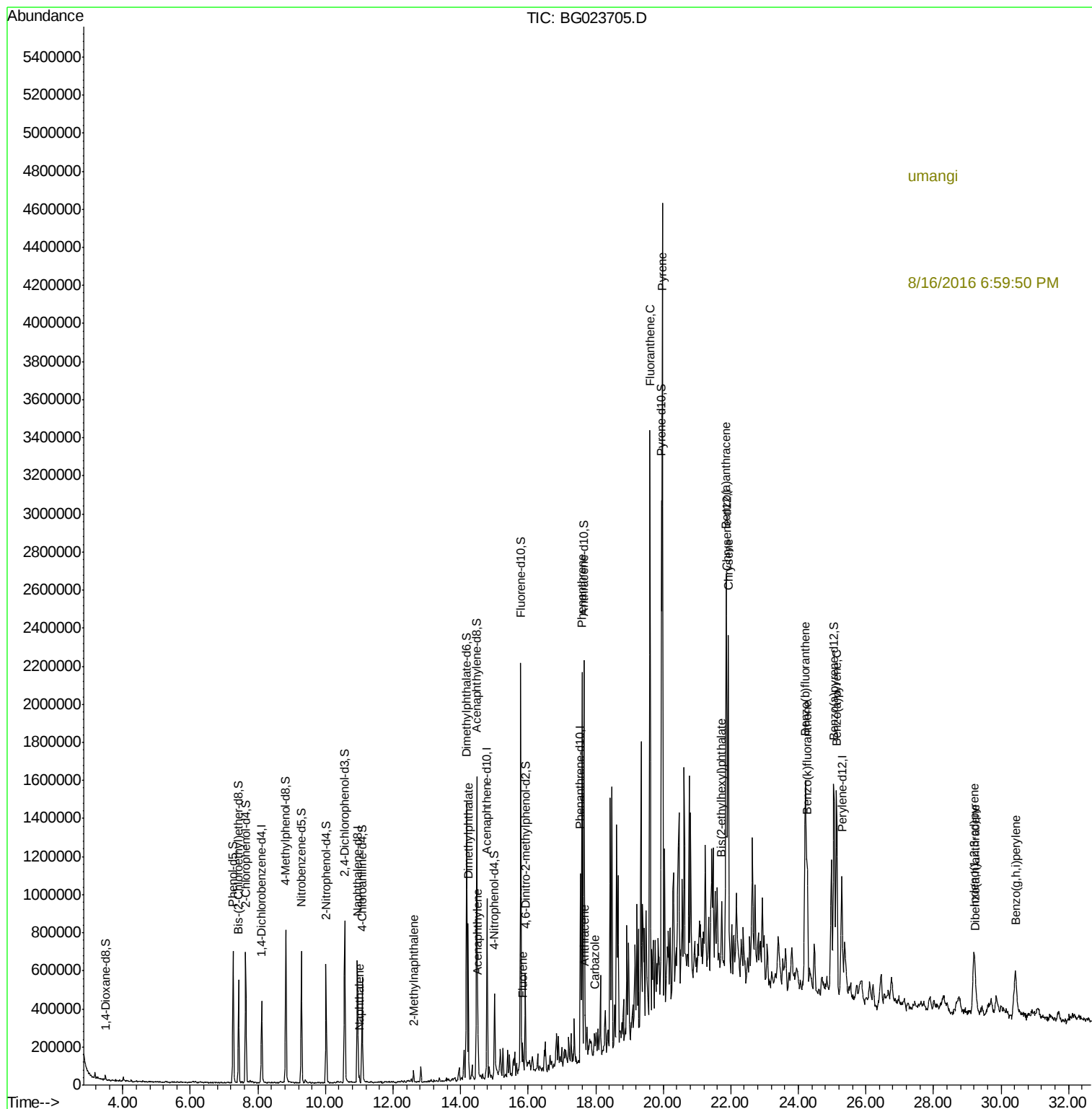
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023705.D
Acq On : 14 Aug 2016 2:02
Operator : UM/SJ
Sample : H4385-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

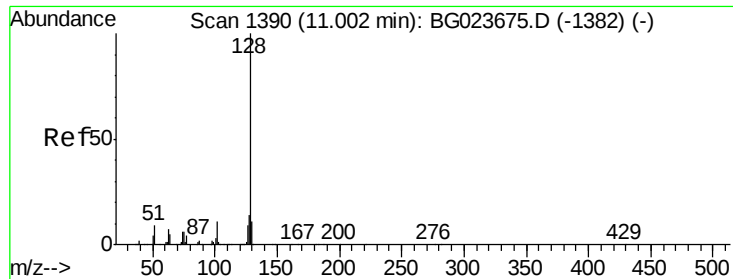
Instrument :
BNA_G
ClientSampleId :
P002-SS002-1218-01

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Response via : Initial Calibration





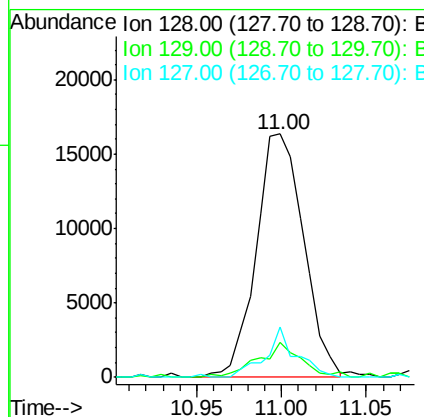
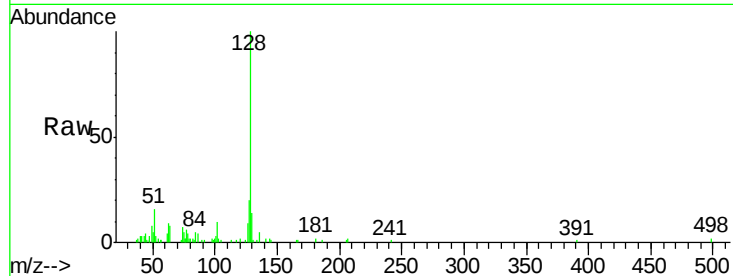
#28
Naphthalene
Concen: 1.22 ng/ul
RT: 11.00 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BG023705.D
Acq: 14 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
P002-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.4	14.2#
127	20.5	11.2	16.8#

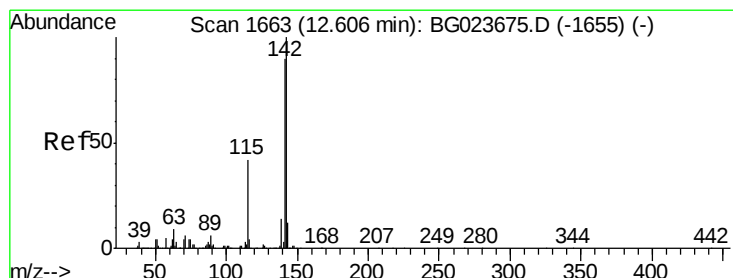
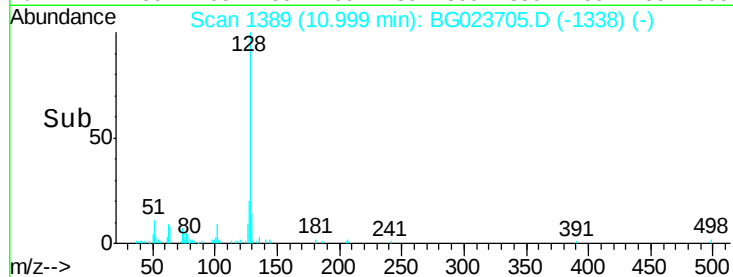
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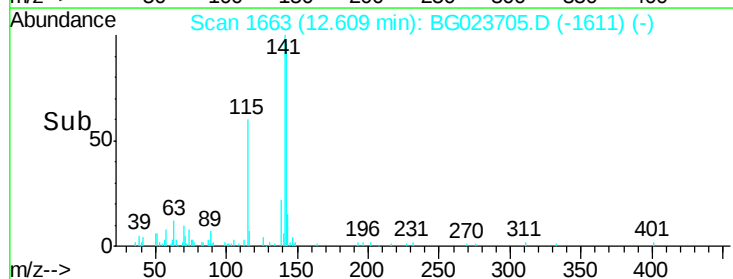
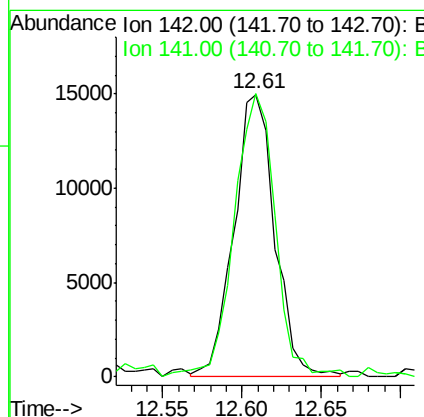
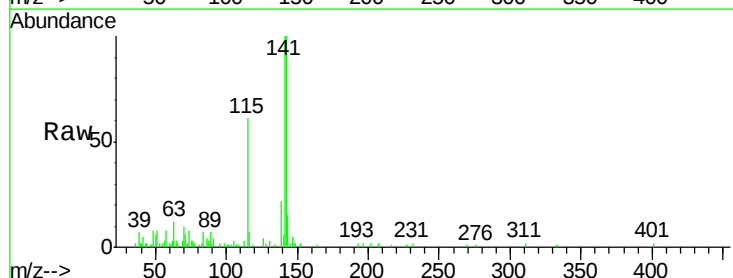
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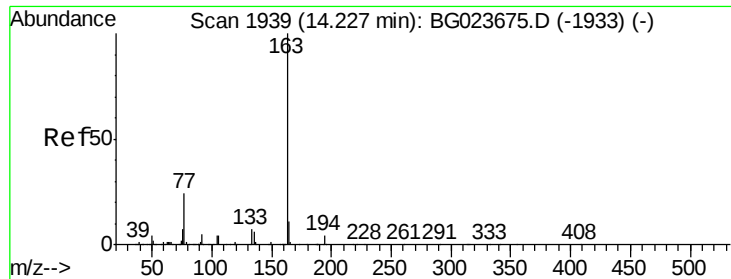
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#34
2-Methylnaphthalene
Concen: 1.26 ng/ul
RT: 12.61 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG023705.D
Acq: 14 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	100.1	75.2	112.8





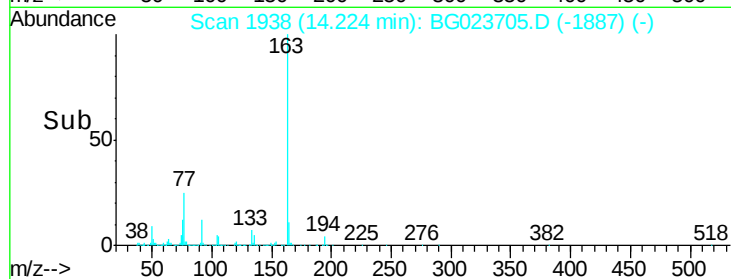
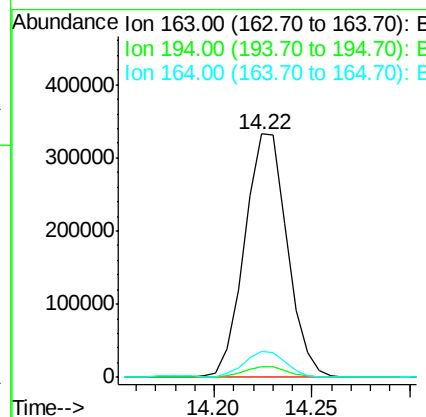
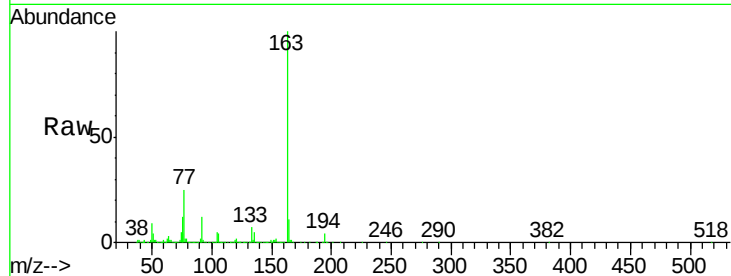
#44
Dimethylphthalate
Concen: 19.76 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG023705.D
Acq: 14 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
P002-SS002-1218-01

Tot Ion	Ratio	Resp	Lower	Upper
163	100	502010		
194	4.3		3.4	5.2
164	10.8		8.8	13.2

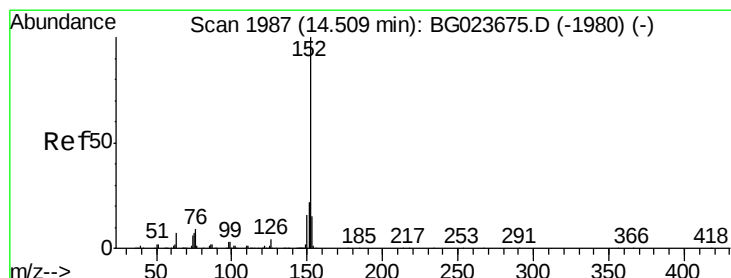
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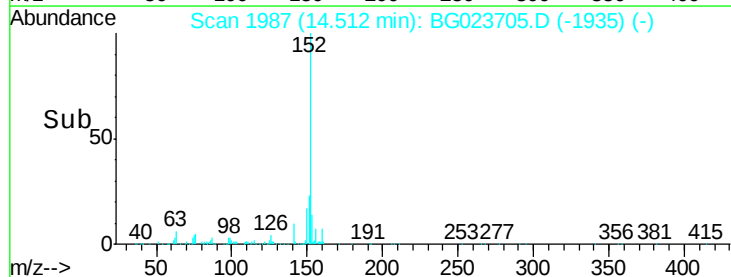
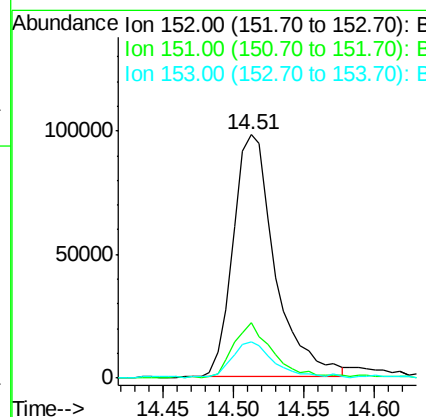
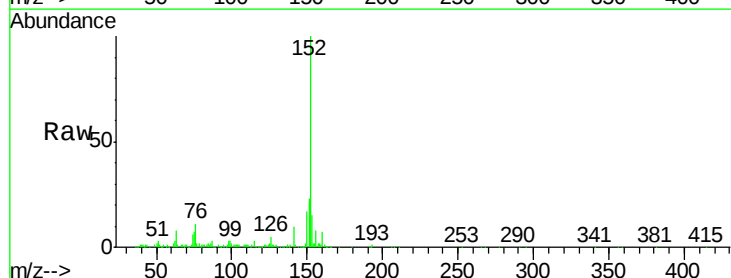
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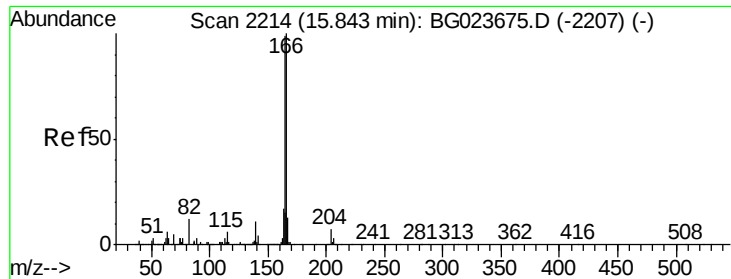
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#47
Acenaphthylene
Concen: 6.69 ng/ul
RT: 14.51 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG023705.D
Acq: 14 Aug 2016 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	201926		
151	23.0		17.5	26.3
153	14.8		11.1	16.7





#58

Fluorene

Concen: 3.14 ng/ul

RT: 15.84 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG023705.D

Acq: 14 Aug 2016 2:02

Instrument :

BNA_G

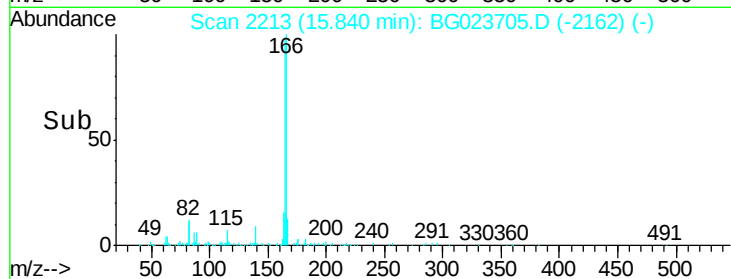
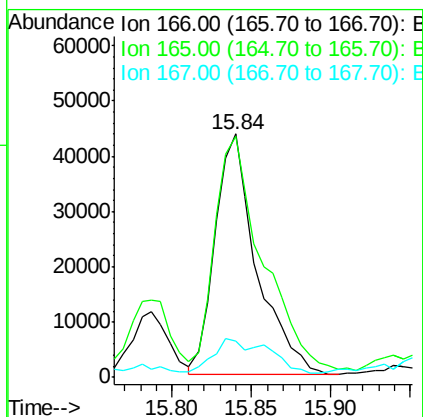
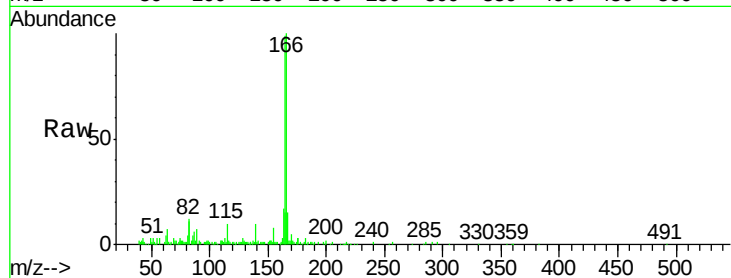
ClientSampleId :

P002-SS002-1218-01

Tot Ion:	166	Resp:	79654
Ion Ratio	Lower	Upper	
166	100		
165	98.9	80.3	120.5
167	14.7	10.3	15.5

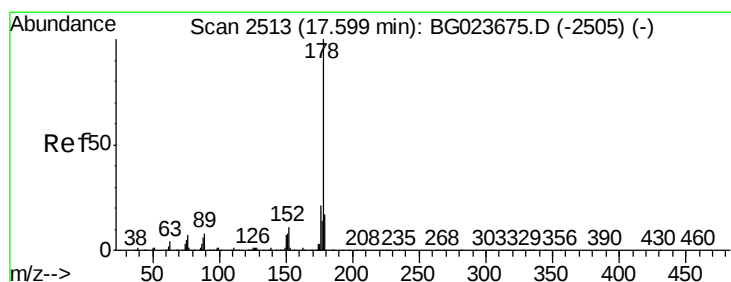
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#69

Phenanthrene

Concen: 37.57 ng/ul

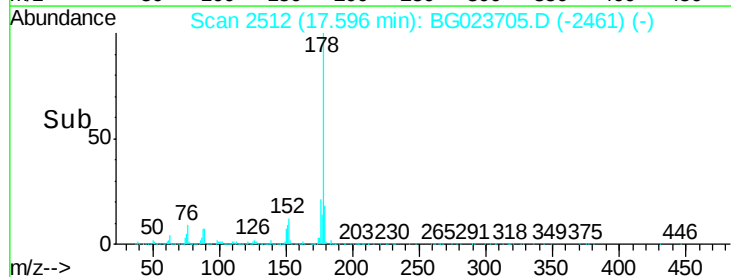
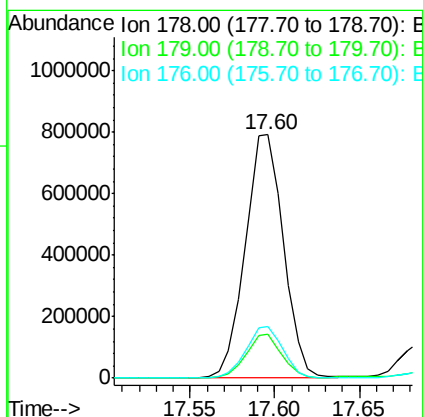
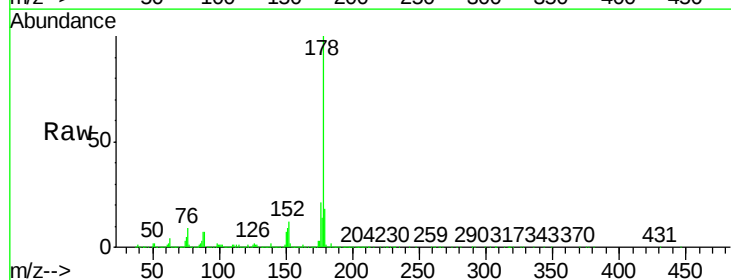
RT: 17.60 min Scan# 2512

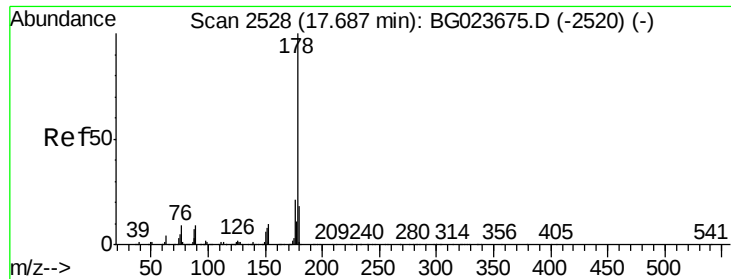
Delta R.T. -0.00 min

Lab File: BG023705.D

Acq: 14 Aug 2016 2:02

Tgt Ion:	178	Resp:	1242057
Ion Ratio	Lower	Upper	
178	100		
179	17.8	12.9	19.3
176	21.1	15.8	23.8





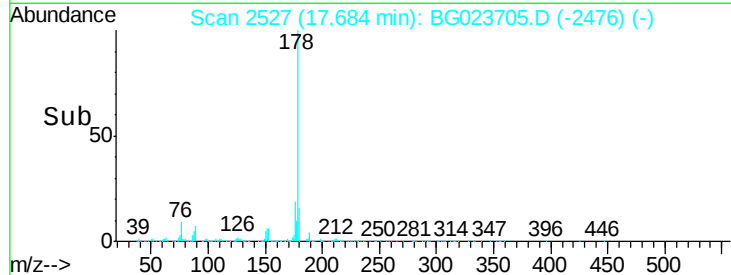
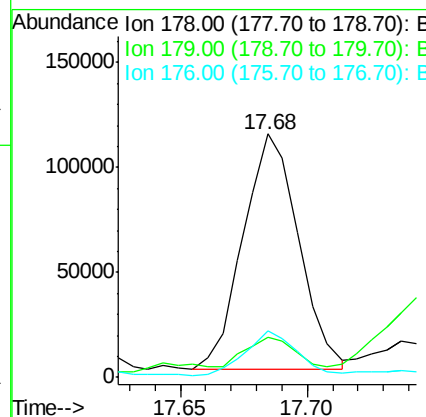
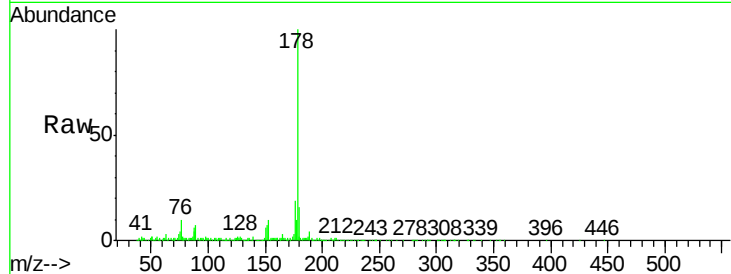
#71
 Anthracene
 Concen: 5.06 ng/ul
 RT: 17.68 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG023705.D
 Acq: 14 Aug 2016 2:02

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS002-1218-01

Tot Ion:178	Resp:	170647
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.3 18.5
176	19.2	16.3 24.5

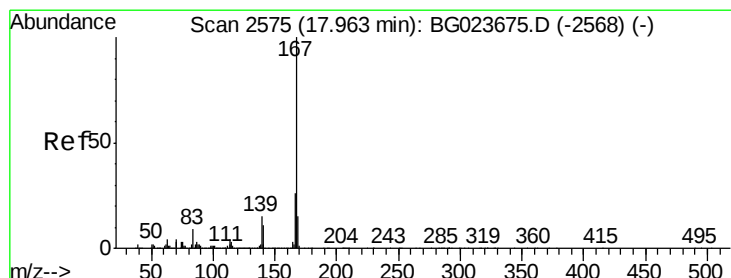
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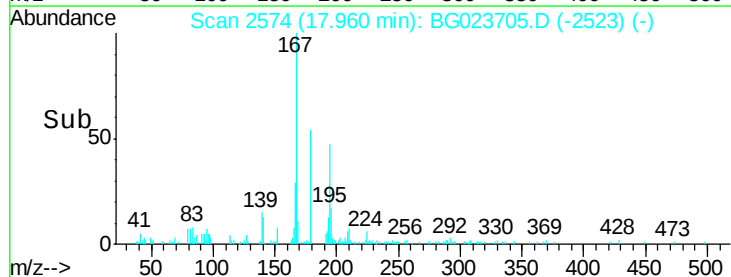
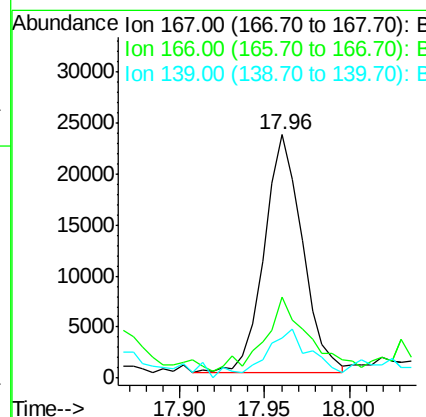
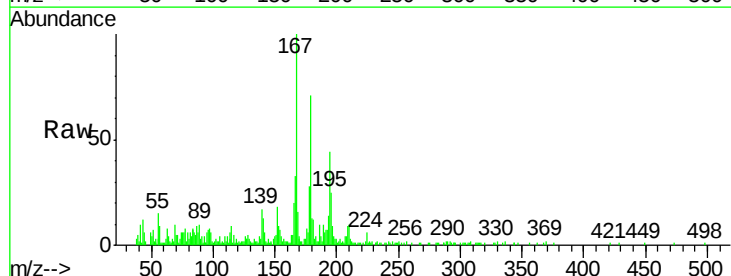
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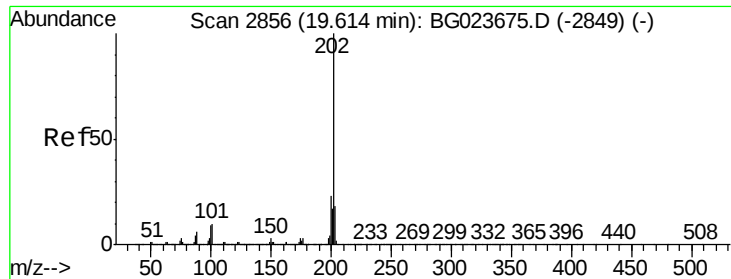
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#72
 Carbazole
 Concen: 1.35 ng/ul
 RT: 17.96 min Scan# 2574
 Delta R.T. -0.00 min
 Lab File: BG023705.D
 Acq: 14 Aug 2016 2:02

Tgt Ion:167	Resp:	36681
Ion Ratio	Lower	Upper
167	100	
166	33.5	19.2 28.8#
139	16.7	10.2 15.4#





#74

Fluoranthene

Concen: 53.04 ng/ul

RT: 19.61 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG023705.D

Acq: 14 Aug 2016 2:02

Instrument :

BNA_G

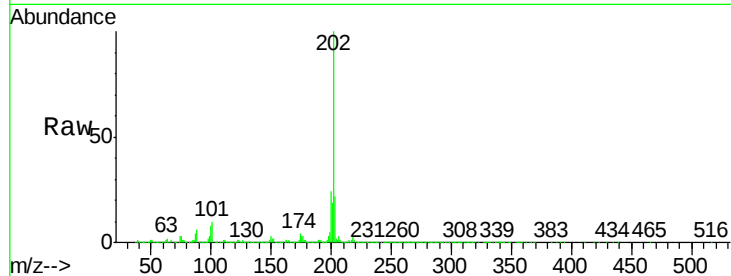
ClientSampleId :

P002-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	10.6	16.0#
100	8.4	8.7	13.1#

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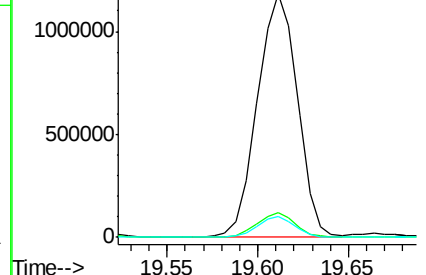
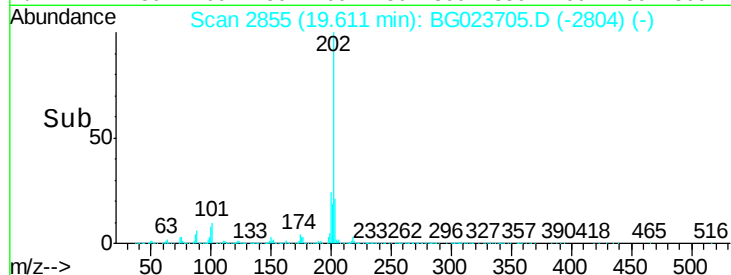
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Abundance Ion 202.00 (201.70 to 202.70): E

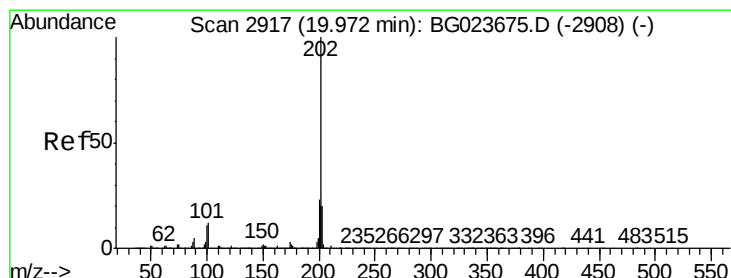
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



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#77

Pyrene

Concen: 54.34 ng/ul

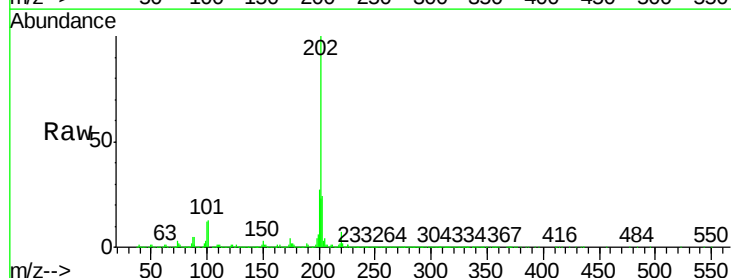
RT: 19.98 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG023705.D

Acq: 14 Aug 2016 2:02

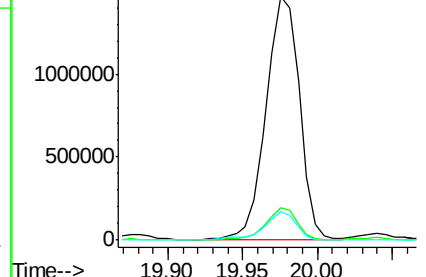
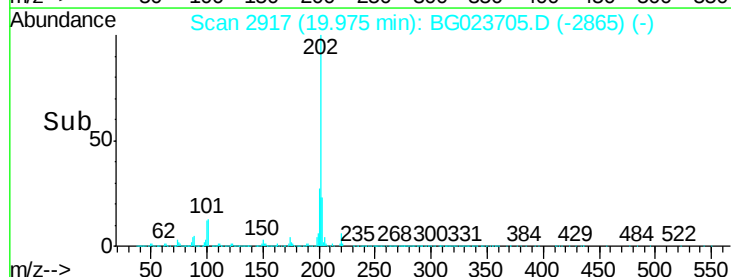
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	12.5	18.7
100	11.8	10.2	15.4

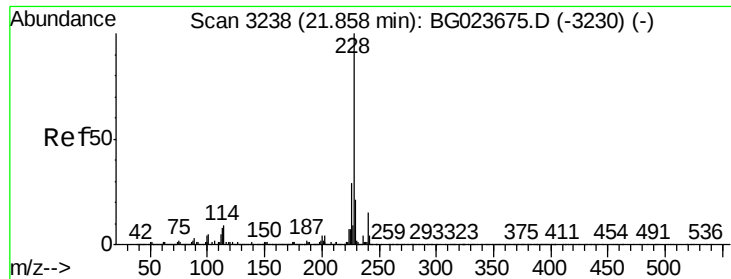


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





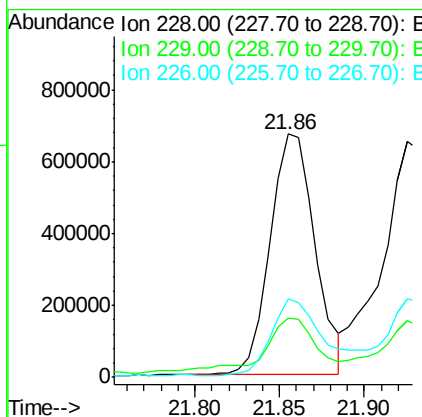
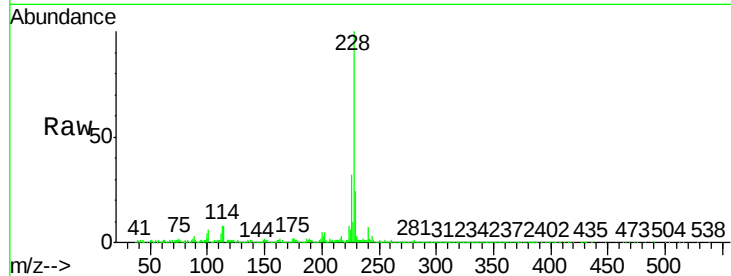
#80
Benzo(a)anthracene
Concen: 32.51 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG023705.D
Acq: 14 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
P002-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.2	15.4	23.2#
226	32.2	22.8	34.2

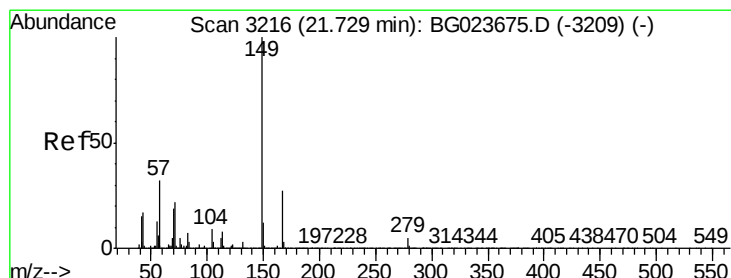
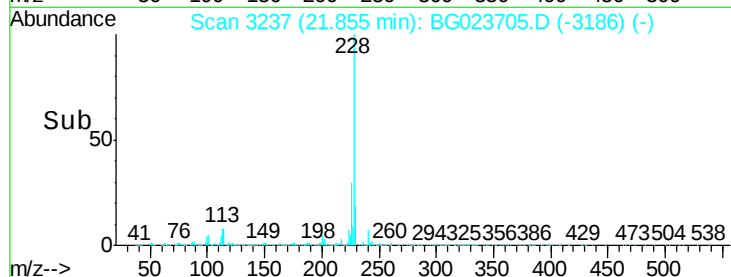
Manual Integrations
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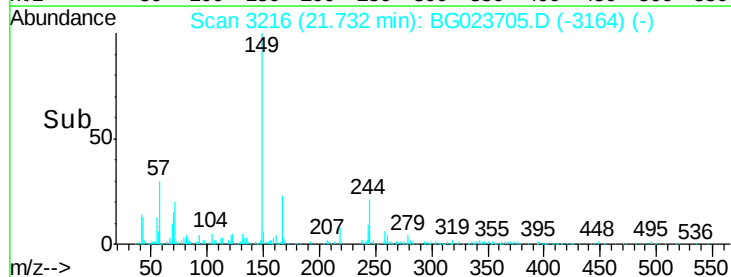
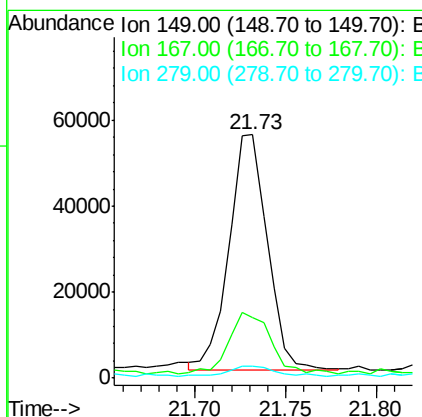
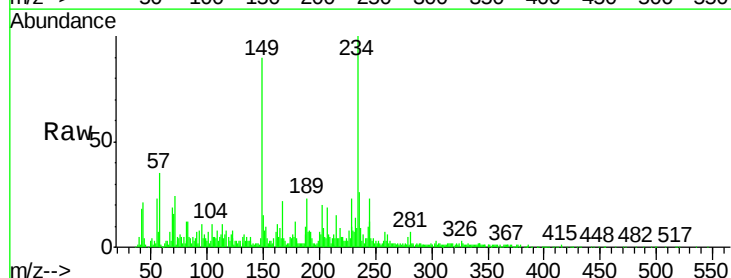
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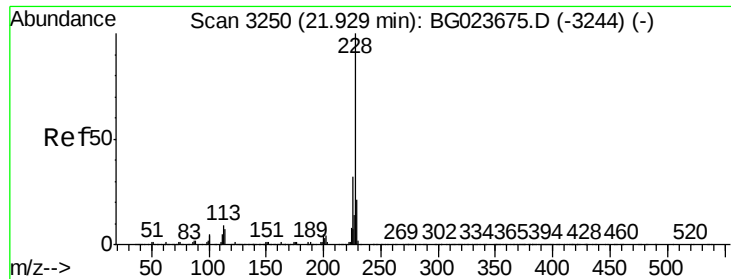
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#81
Bis(2-ethylhexyl)phthalate
Concen: 3.78 ng/ul
RT: 21.73 min Scan# 3216
Delta R.T. 0.00 min
Lab File: BG023705.D
Acq: 14 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.9	32.9
279	5.1	2.9	4.3#





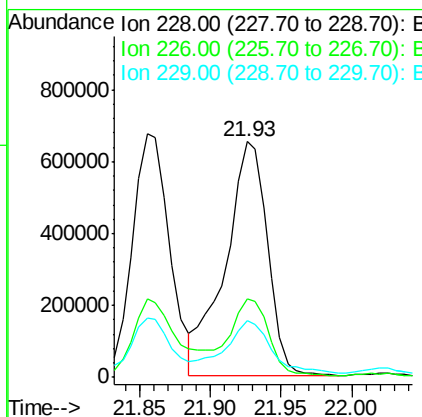
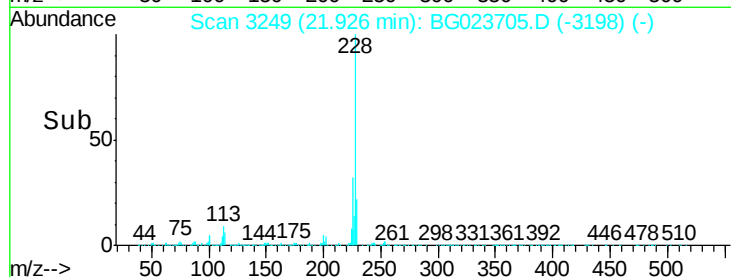
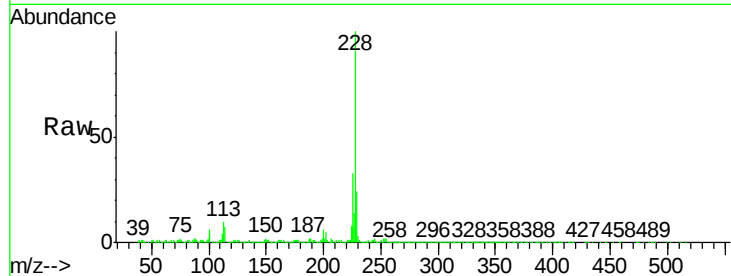
#82
 Chrysene
 Concen: 39.31 ng/ul
 RT: 21.93 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: BG023705.D
 Acq: 14 Aug 2016 2:02

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.2	36.4
229	23.9	15.0	22.6

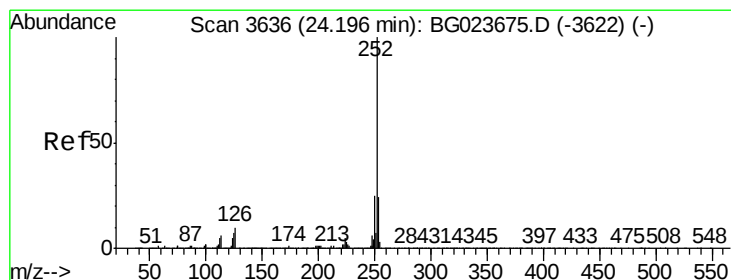
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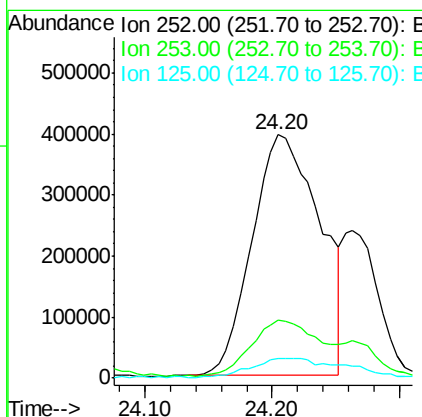
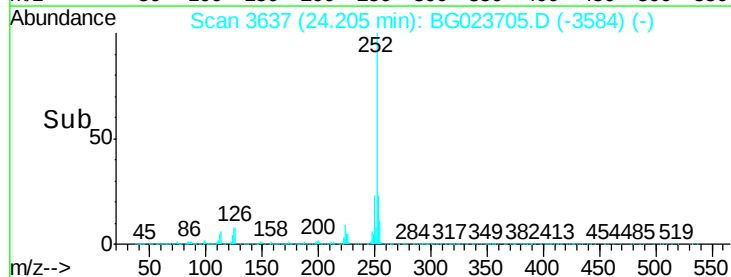
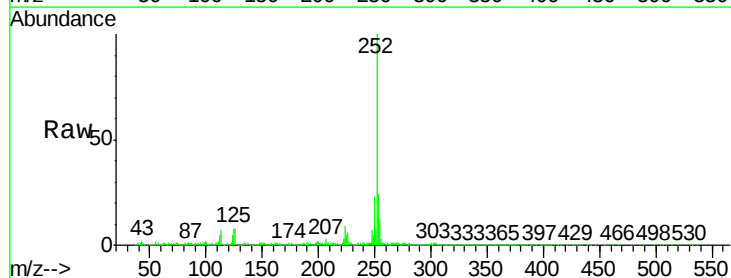
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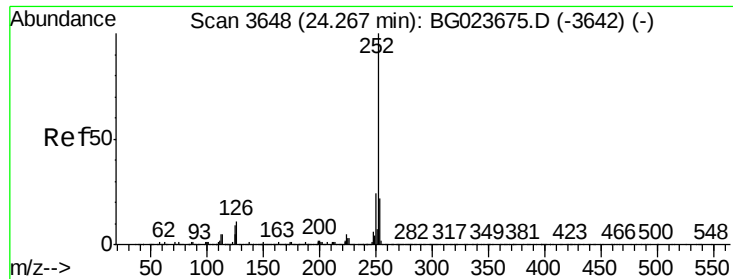
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#85
 Benzo(b)fluoranthene
 Concen: 38.12 ng/ul
 RT: 24.20 min Scan# 3637
 Delta R.T. 0.01 min
 Lab File: BG023705.D
 Acq: 14 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	8.1	10.8	16.2





#86

Benzo(k)fluoranthene

Concen: 12.39 ng/ul m

RT: 24.26 min Scan# 3647

Delta R.T. -0.00 min

Lab File: BG023705.D

Acq: 14 Aug 2016 2:02

Instrument :

BNA_G

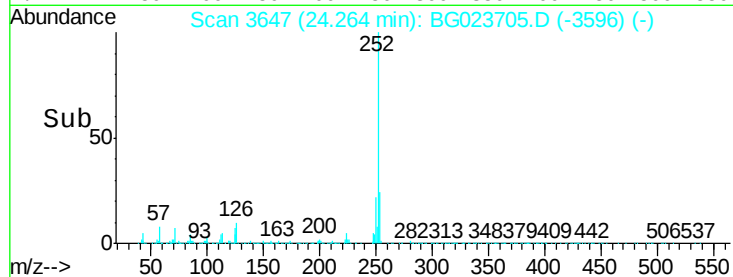
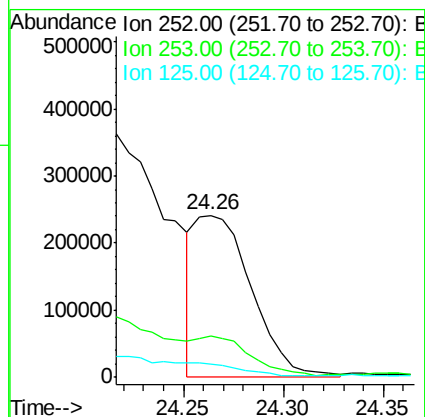
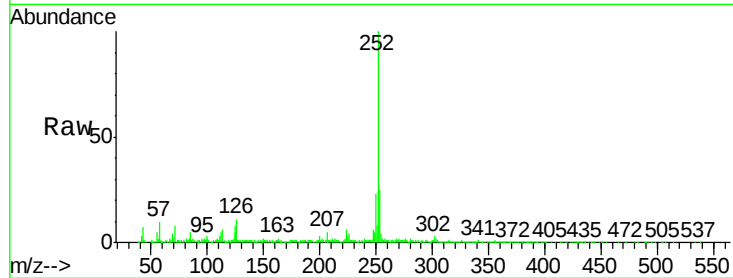
ClientSampleId :

P002-SS002-1218-01

Tot Ion:	252	Resp:	470167
Ion Ratio	Lower	Upper	
252	100		
253	25.2	15.8	23.6#
125	8.3	10.6	16.0#

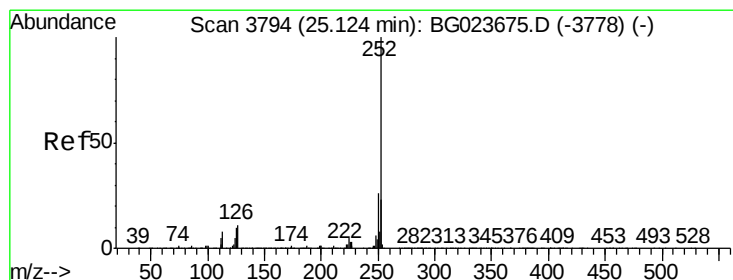
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#88

Benzo(a)pyrene

Concen: 31.75 ng/ul

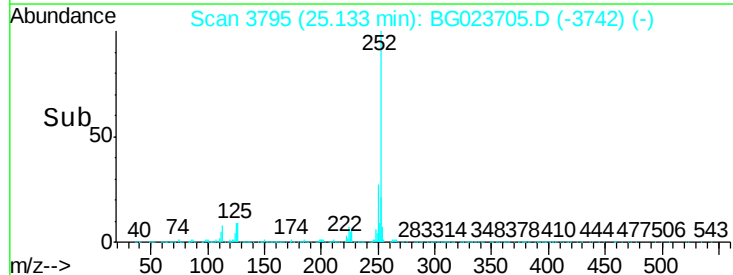
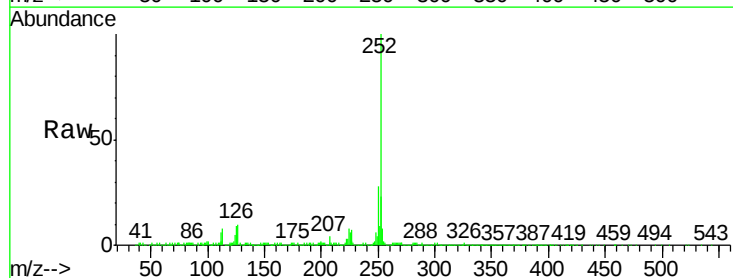
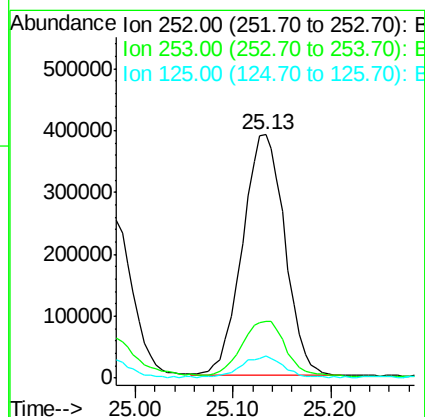
RT: 25.13 min Scan# 3795

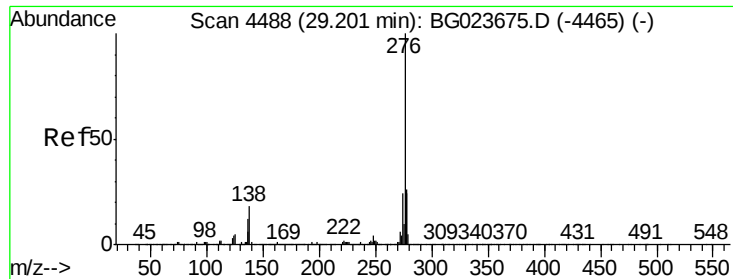
Delta R.T. 0.01 min

Lab File: BG023705.D

Acq: 14 Aug 2016 2:02

Tgt Ion:	252	Resp:	1181780
Ion Ratio	Lower	Upper	
252	100		
253	23.2	19.0	28.4
125	8.9	12.0	18.0#





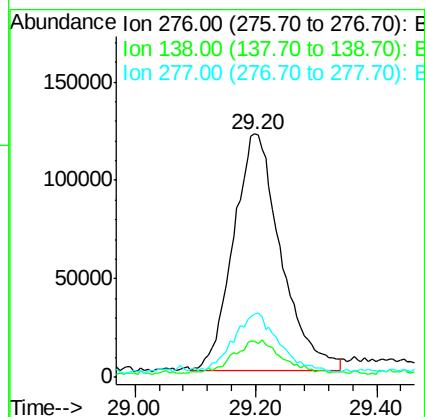
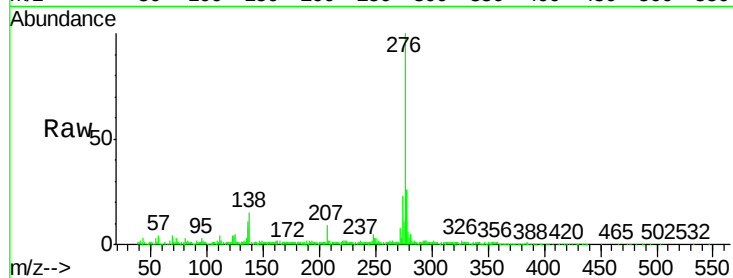
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 15.05 ng/ul
 RT: 29.20 min Scan# 4487
 Delta R.T. -0.00 min
 Lab File: BG023705.D
 Acq: 14 Aug 2016 2:02

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.8	20.8	31.2#
277	26.1	17.6	26.4

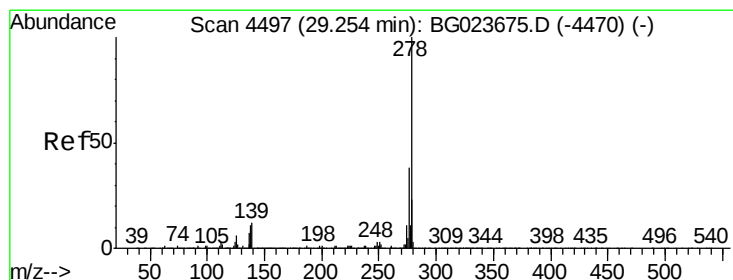
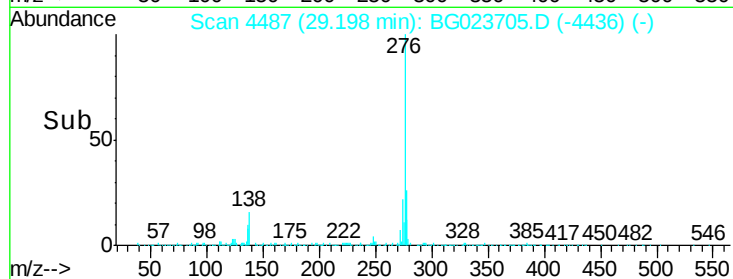
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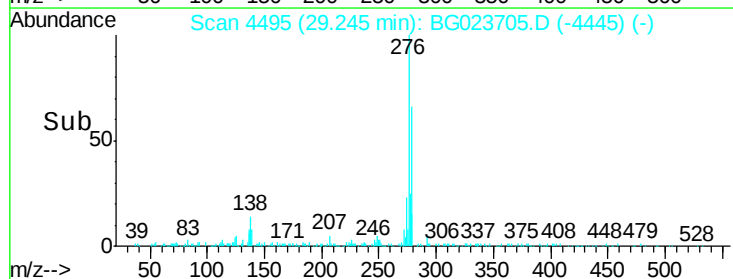
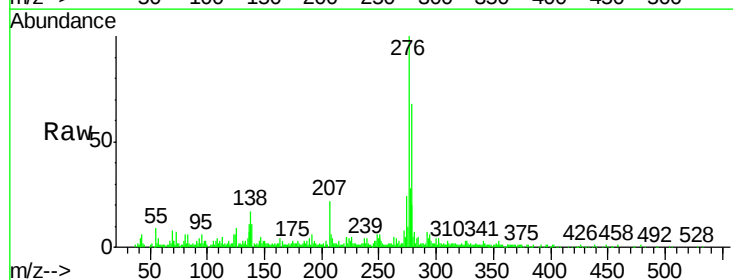
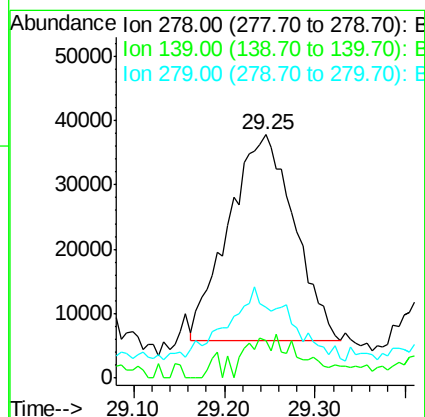
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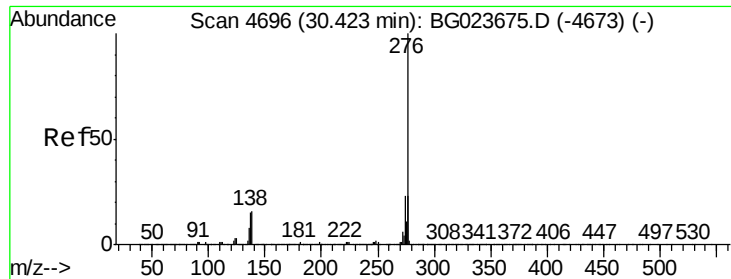
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#90
 Dibenzo(a,h)anthracene
 Concen: 4.30 ng/ul
 RT: 29.25 min Scan# 4495
 Delta R.T. -0.01 min
 Lab File: BG023705.D
 Acq: 14 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	16.3	24.5#
279	29.2	19.1	28.7#





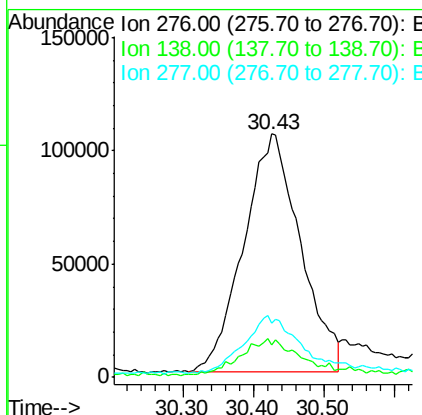
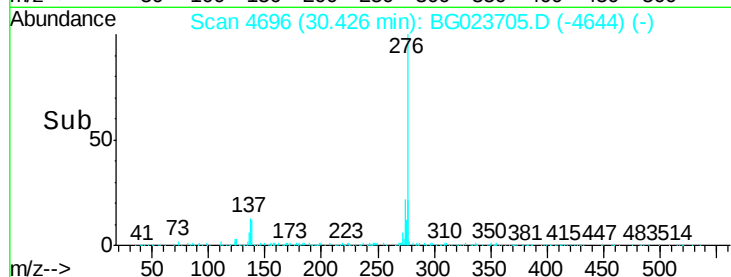
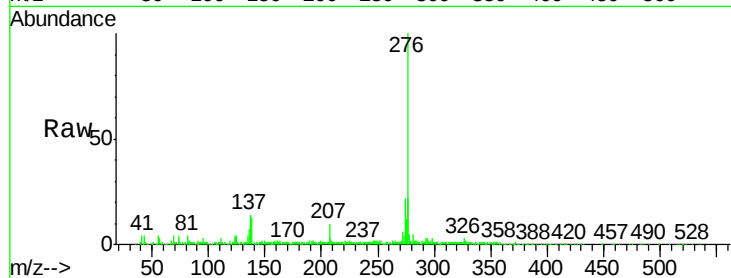
#91
 Benzo(a,h,i)perylene
 Concen: 16.17 ng/ul
 RT: 30.43 min Scan# 4696
 Delta R.T. 0.00 min
 Lab File: BG023705.D
 Acq: 14 Aug 2016 2:02

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.2	22.1	33.1#
277	22.3	17.0	25.4

Manual Integrations
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