

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
 Data File : BG020822.D
 Acq On : 9 Feb 2016 18:06
 Operator : SJ/UM
 Sample : H1371-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04N3

Manual Integrations
 APPROVED

Sohil
 2/10/2016 1:46:52 PM

Quant Time: Feb 10 00:49:58 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 10 00:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	23800	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	123693	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	68724	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	126465	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	108661	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	105380	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1212	2.47	ng/uL	0.00
5) Phenol-d5	7.41	99	38399	15.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	19745	15.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	32127	17.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	30952	14.77	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	16187	16.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	16783	17.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	31489	16.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	29944	11.84	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	97214	16.44	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	128680	17.81	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	15972	13.49	ng/ul	0.00
58) Fluorene-d10	15.87	176	84314	16.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	8180	13.35	ng/ul	0.00
71) Anthracene-d10	17.72	188	112649	18.03	ng/ul	0.00
79) Pyrene-d10	19.99	212	105399	18.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	104004	17.81	ng/ul	0.01

Target Compounds

						Ovalue
45) Dimethylphthalate	14.32	163	39009	6.34	ng/ul	99
50) Acenaphthene	14.95	153	7713	1.39	ng/ul	94
70) Phenanthrene	17.67	178	79189	9.93	ng/ul	99
72) Anthracene	17.75	178	15180	1.89	ng/ul	96
75) Carbazole	18.02	167	12091	1.72	ng/ul	99
77) Fluoranthene	19.66	202	124263	15.07	ng/ul	98
80) Pyrene	20.01	202	103846	13.23	ng/ul	100
81) Butylbenzylphthalate	20.88	149	3847	1.06	ng/ul#	92
83) Benzo(a)anthracene	21.88	228	54206	7.65	ng/ul#	96
84) Bis(2-ethylhexyl)phthalate	21.77	149	50146	9.08	ng/ul#	99
85) Chrysene	21.95	228	58875m	9.02	ng/ul	
88) Benzo(b)fluoranthene	24.22	252	78354	10.92	ng/ul#	93
89) Benzo(k)fluoranthene	24.28	252	23810	3.47	ng/ul#	86
91) Benzo(a)pyrene	25.14	252	47426	6.98	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	29.18	276	36263	4.63	ng/ul	95
94) Benzo(g,h,i)perylene	30.40	276	35285	5.51	ng/ul	96

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

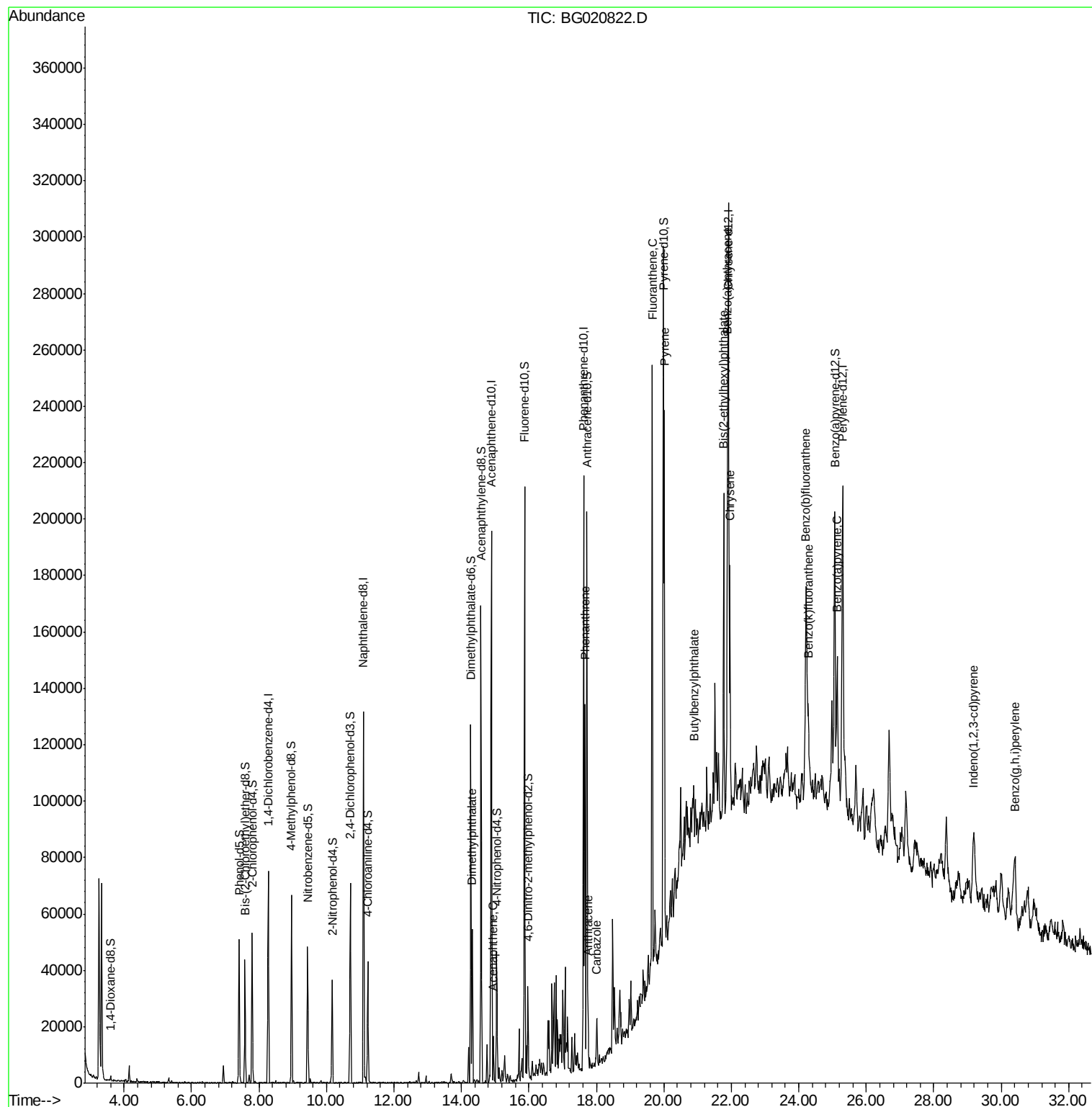
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Data File : BG020822.D
Acq On : 9 Feb 2016 18:06
Operator : SJ/UM
Sample : H1371-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

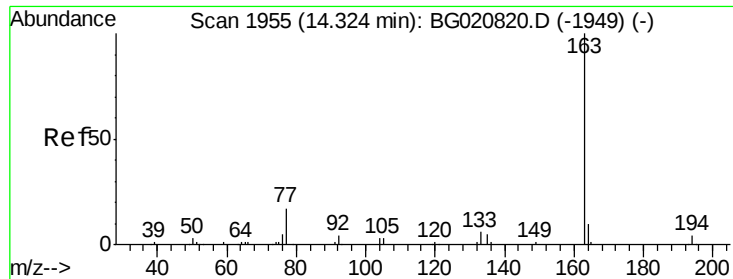
Instrument :
BNA_G
ClientSampleId :
C04N3

Manual Integrations
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Quant Time: Feb 10 00:49:58 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 10 00:34:52 2016
Response via : Initial Calibration





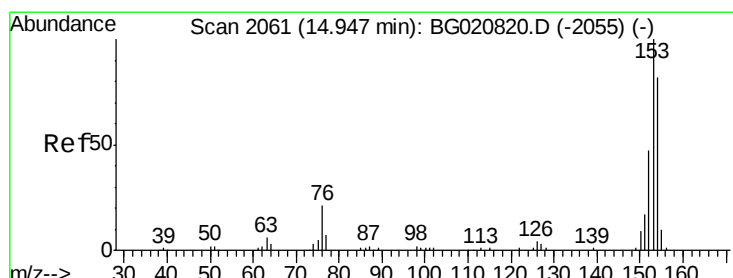
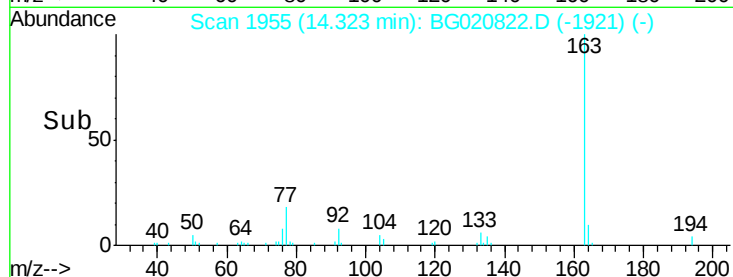
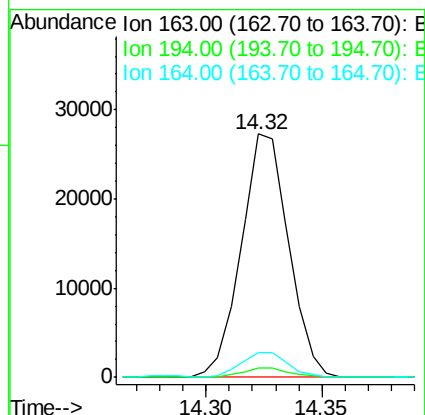
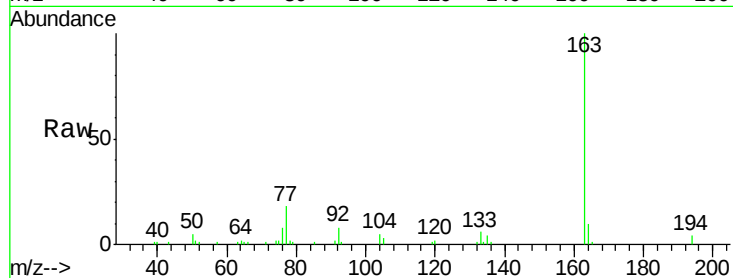
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Dimethylphthalate
Concen: 6.34 ng/ul
RT: 14.32 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG020822.D
Acq: 9 Feb 2016 18:06

Instrument :
BNA_G
ClientSampled :
C04N3

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	7.7	11.5

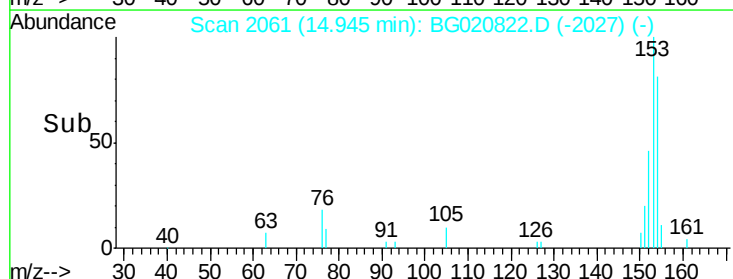
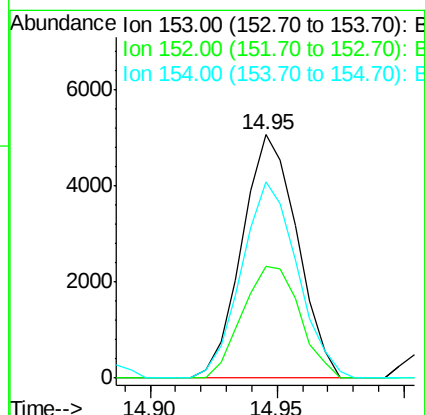
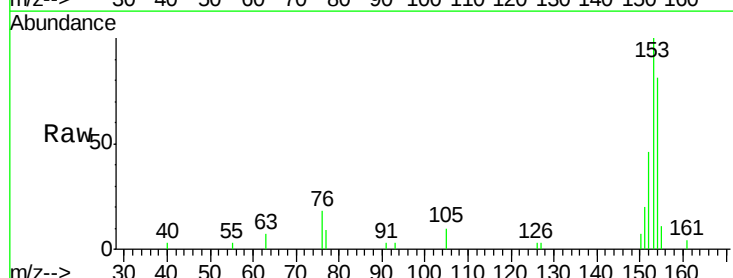
Manual Integrations
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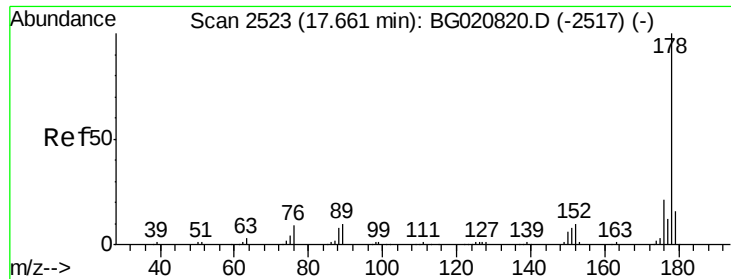
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#50
Acenaphthene
Concen: 1.39 ng/ul
RT: 14.95 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG020822.D
Acq: 9 Feb 2016 18:06

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.9	40.6	61.0
154	80.8	68.7	103.1





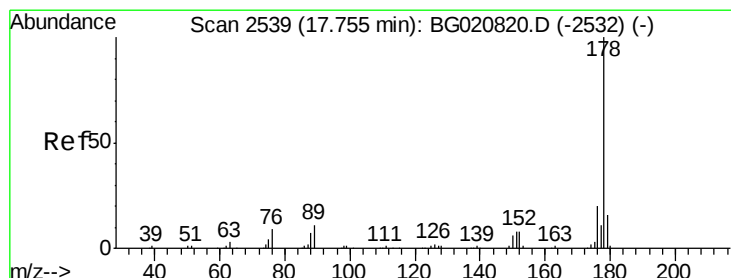
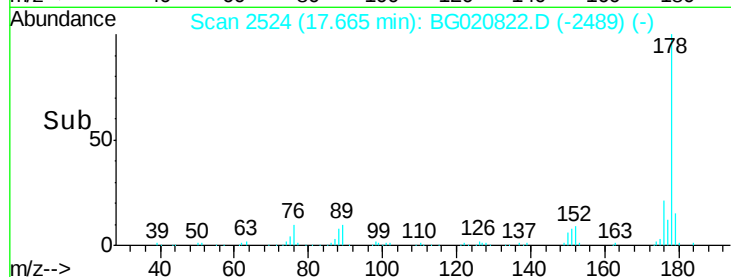
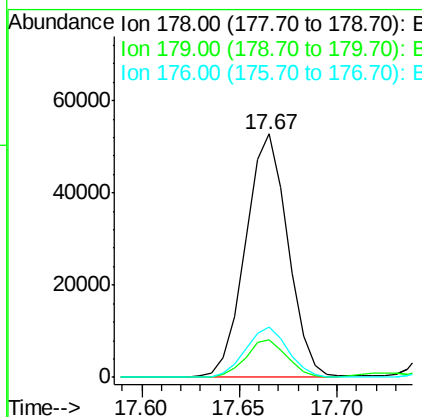
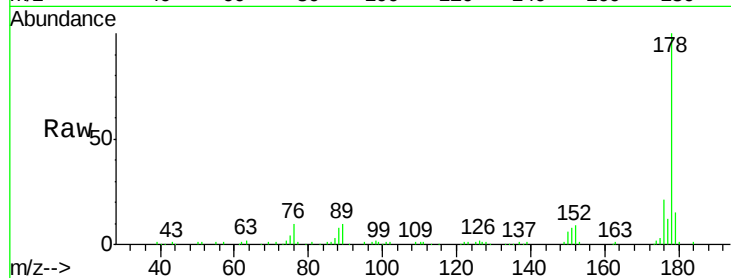
#70
Phenanthrene
Concen: 9.93 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG020822.D
Acq: 9 Feb 2016 18:06

Instrument :
BNA_G
ClientSampleId :
C04N3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	20.6	16.0	24.0

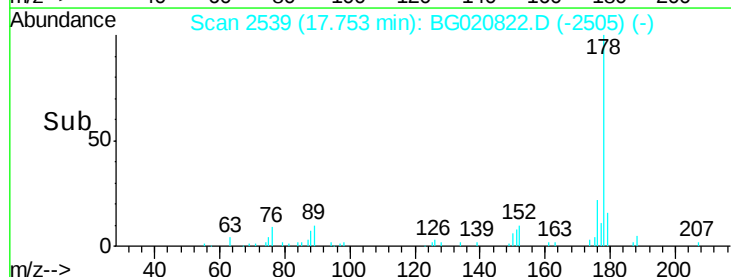
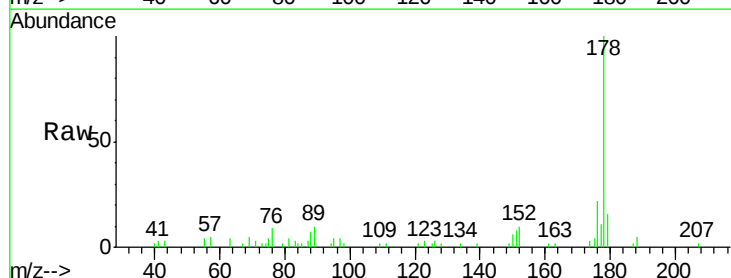
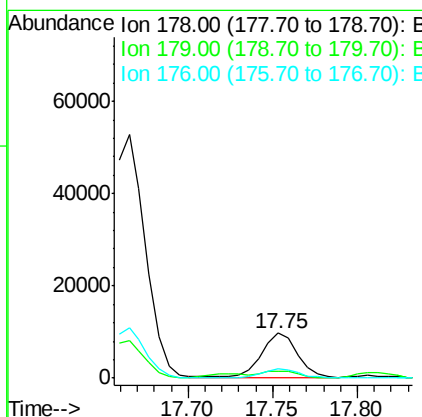
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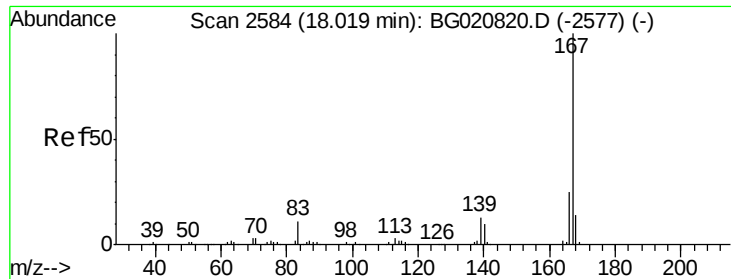
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#72
Anthracene
Concen: 1.89 ng/ul
RT: 17.75 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG020822.D
Acq: 9 Feb 2016 18:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	22.0	15.5	23.3





#75

Carbazole

Concen: 1.72 ng/ul

RT: 18.02 min Scan# 2584

Delta R.T. -0.00 min

Lab File: BG020822.D

Acq: 9 Feb 2016 18:06

Instrument :

BNA_G

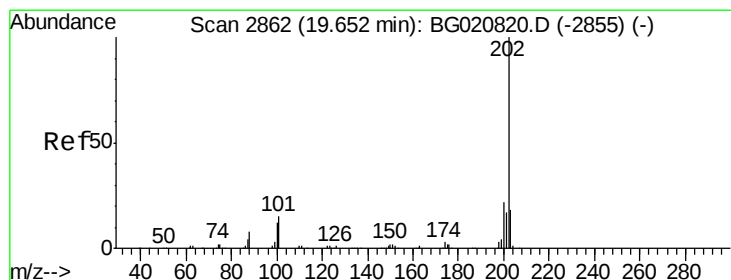
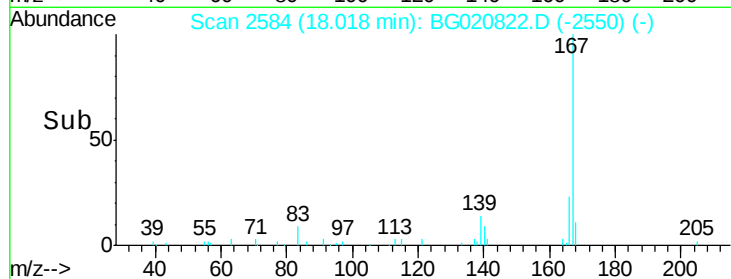
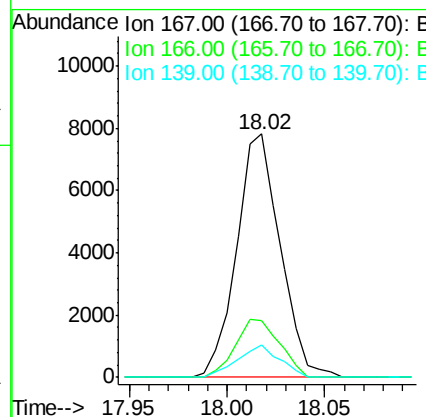
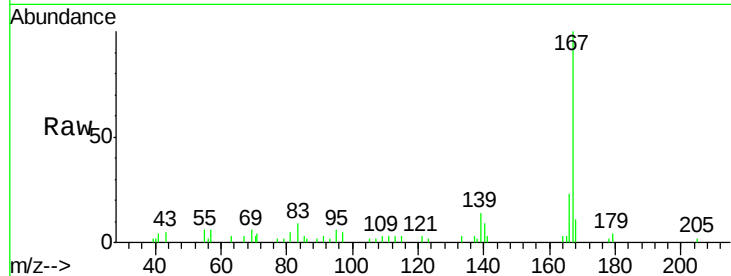
ClientSampled :

C04N3

Tot Ion:	167	Resp:	12091
Ion Ratio	Lower	Upper	
167	100		
166	23.4	18.5	27.7
139	13.5	9.8	14.8

Manual Integrations
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#77

Fluoranthene

Concen: 15.07 ng/ul

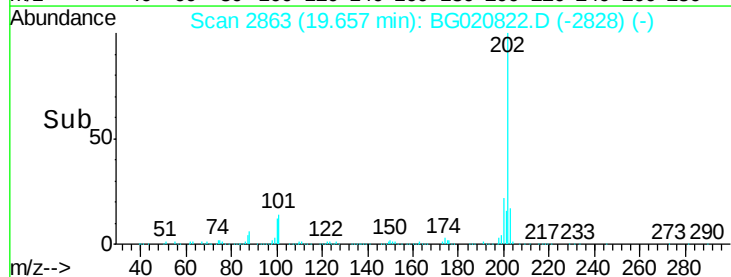
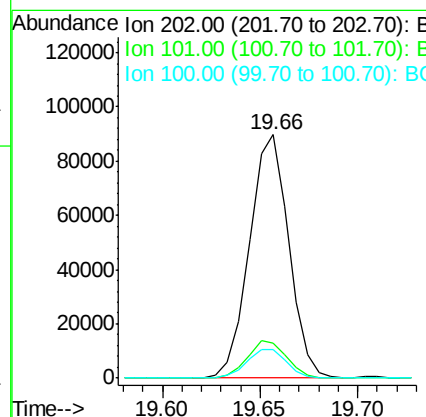
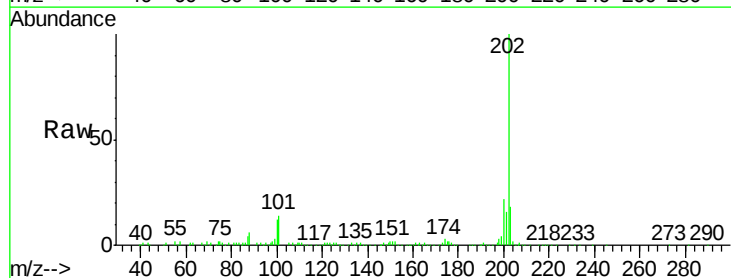
RT: 19.66 min Scan# 2863

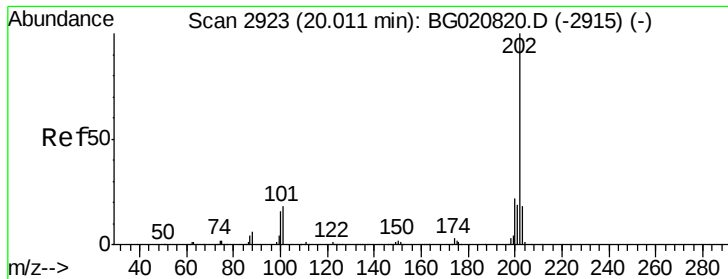
Delta R.T. 0.00 min

Lab File: BG020822.D

Acq: 9 Feb 2016 18:06

Tgt Ion:	202	Resp:	124263
Ion Ratio	Lower	Upper	
202	100		
101	14.5	12.5	18.7
100	11.7	9.9	14.9





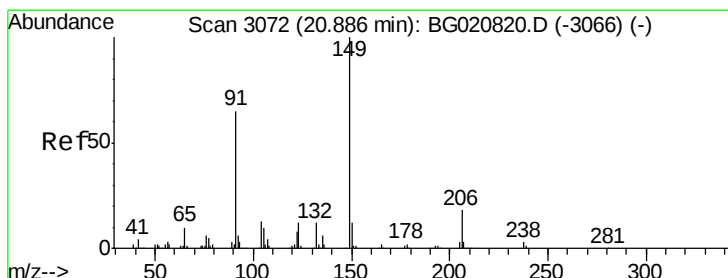
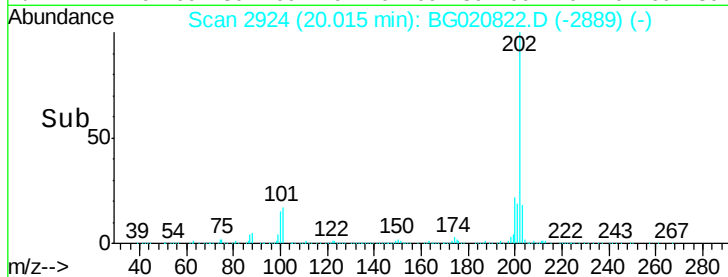
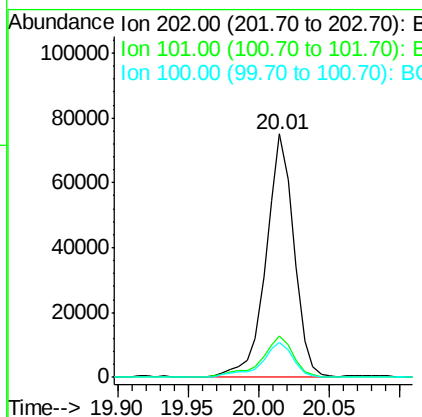
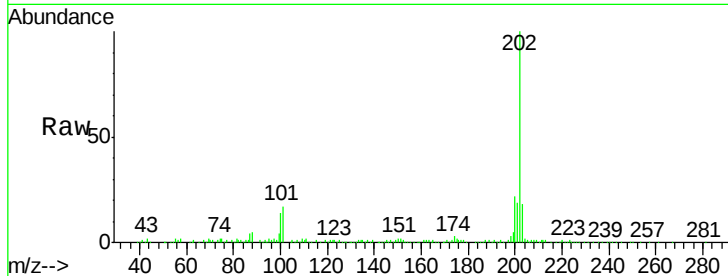
#80
Pvrene
Concen: 13.23 ng/ul
RT: 20.01 min Scan# 2924
Delta R.T. 0.00 min
Lab File: BG020822.D
Acq: 9 Feb 2016 18:06

Instrument :
BNA_G
ClientSampled :
C04N3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	17.1	13.5	20.3
100	14.5	11.7	17.5

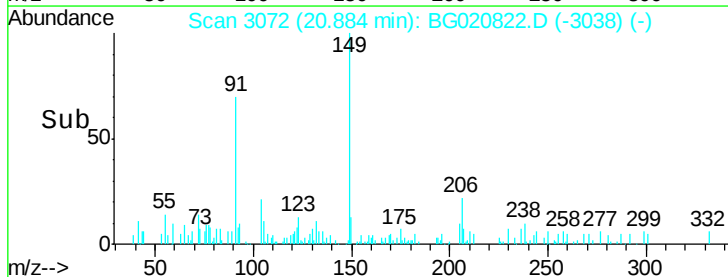
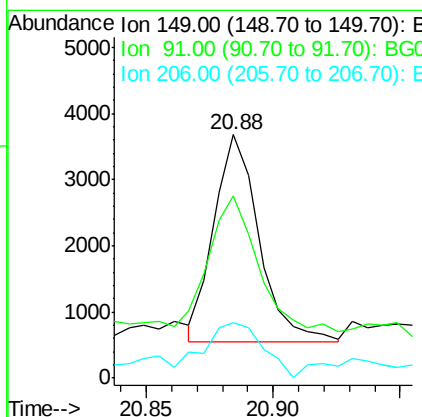
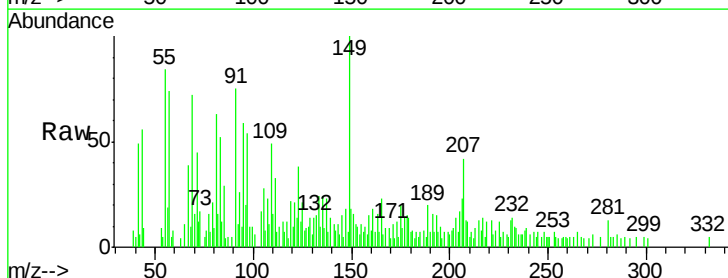
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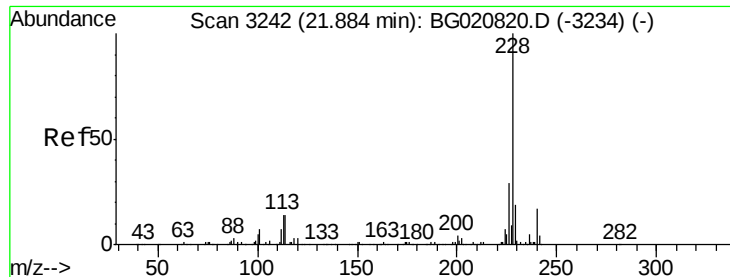
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#81
Butylbenzylphthalate
Concen: 1.06 ng/ul
RT: 20.88 min Scan# 3072
Delta R.T. -0.00 min
Lab File: BG020822.D
Acq: 9 Feb 2016 18:06

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	74.7	55.3	82.9
206	22.7	14.4	21.6





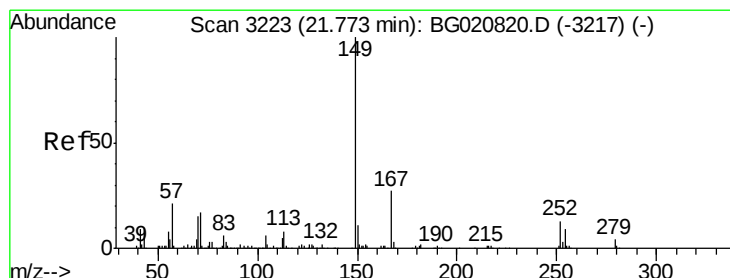
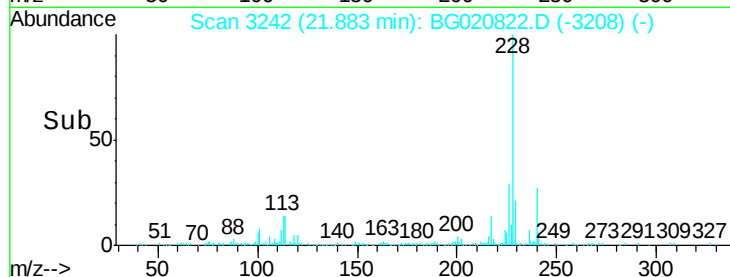
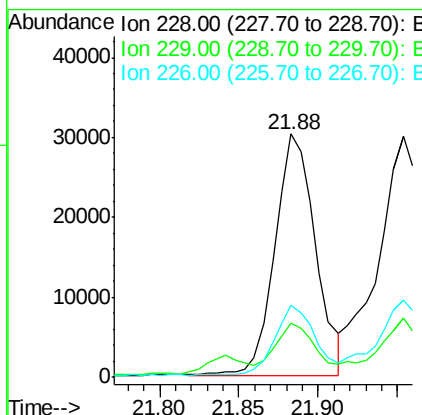
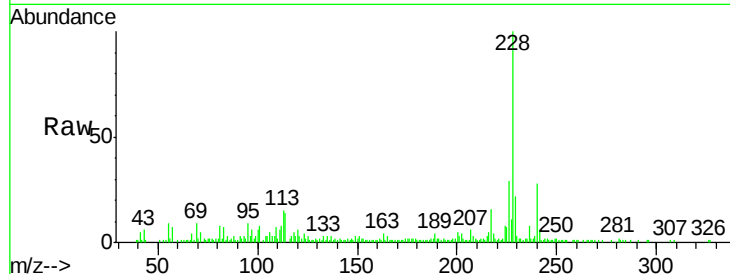
#83
Benzo(a)anthracene
Concen: 7.65 ng/ul
RT: 21.88 min Scan# 3242
Delta R.T. -0.00 min
Lab File: BG020822.D
Acq: 9 Feb 2016 18:06

Instrument :
BNA_G
ClientSampleId :
C04N3

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.3	14.8	22.2#
226	29.5	23.0	34.4

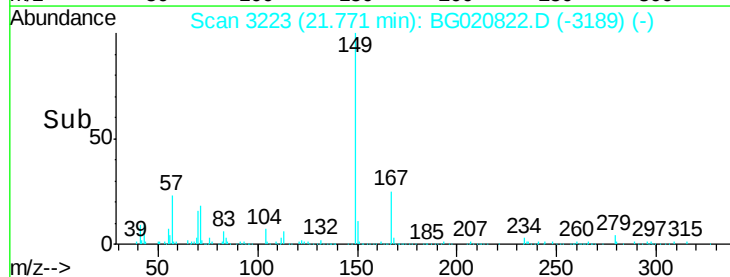
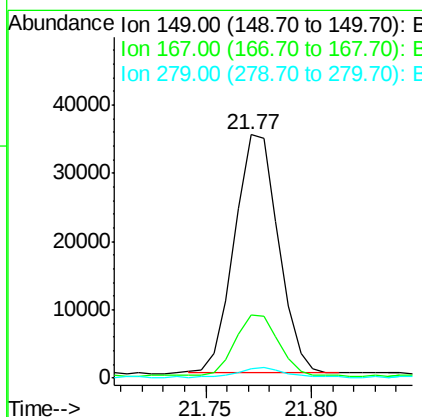
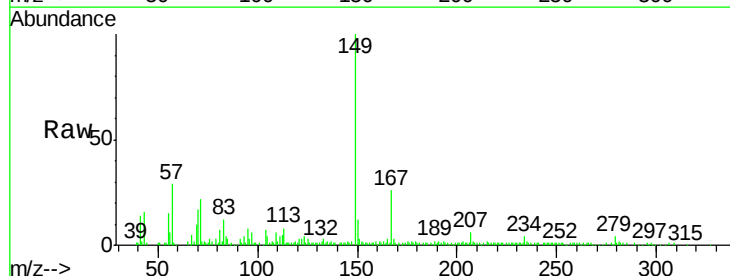
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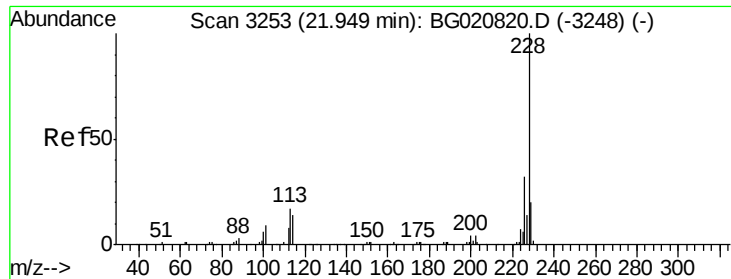
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#84
Bis(2-ethylhexyl)phthalate
Concen: 9.08 ng/ul
RT: 21.77 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG020822.D
Acq: 9 Feb 2016 18:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	4.0	2.5	3.7#





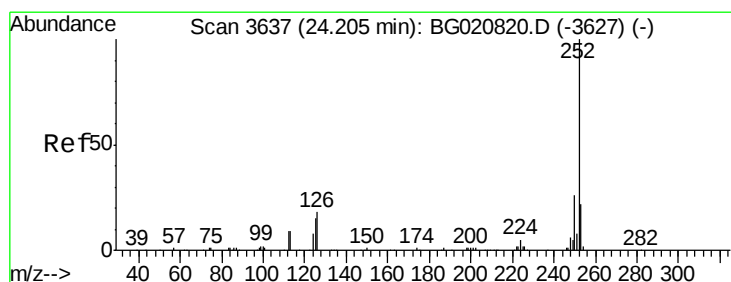
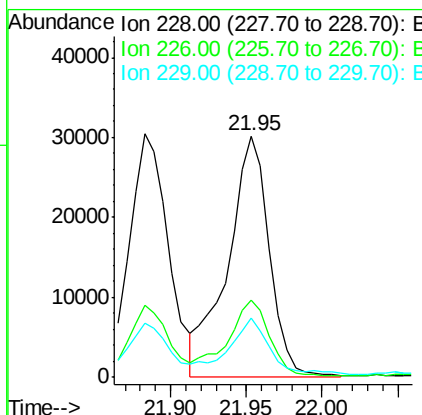
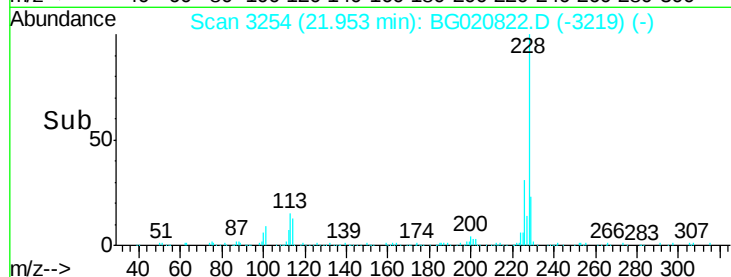
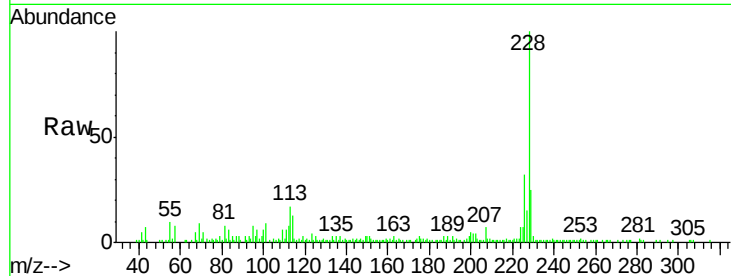
#85
 Chrysene
 Concen: 9.02 ng/ul m
 RT: 21.95 min Scan# 3254
 Delta R.T. 0.00 min
 Lab File: BG020822.D
 Acq: 9 Feb 2016 18:06

Instrument :
 BNA_G
 ClientSampleId :
 C04N3

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.4	36.6
229	24.7	15.8	23.6

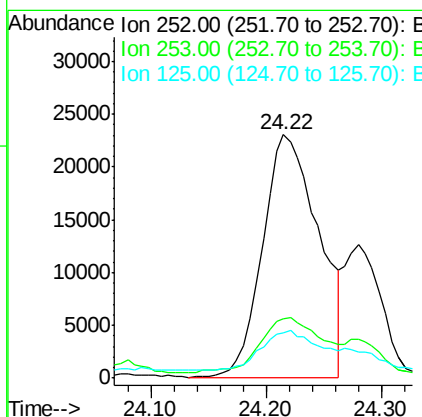
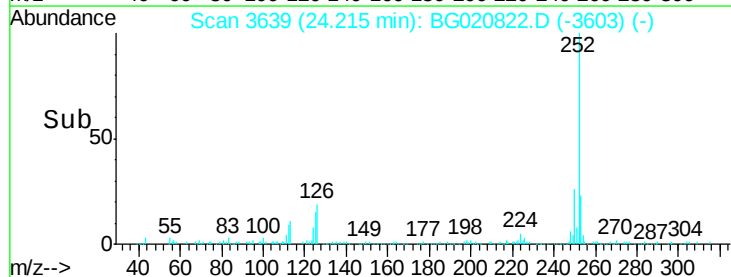
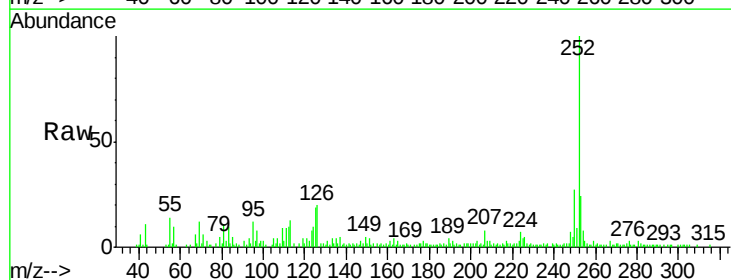
Manual Integrations
 APPROVED

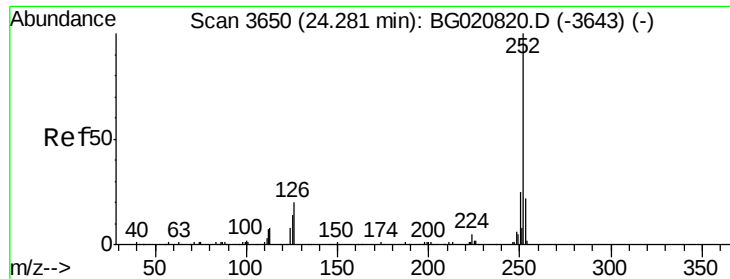
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 2/10/2016 1:46:52 PM



#88
 Benzo(b)fluoranthene
 Concen: 10.92 ng/ul
 RT: 24.22 min Scan# 3639
 Delta R.T. 0.01 min
 Lab File: BG020822.D
 Acq: 9 Feb 2016 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	18.8	12.5	18.7





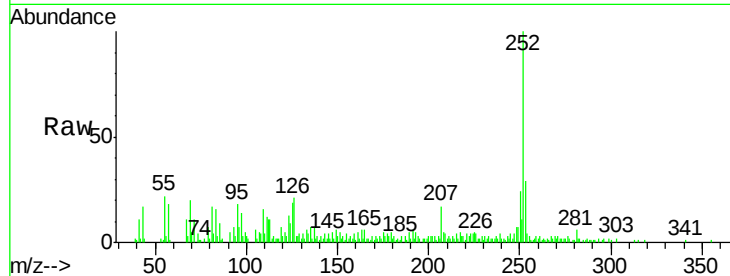
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Benzo(k)fluoranthene
Concen: 3.47 ng/ul
RT: 24.28 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BG020822.D
Acq: 9 Feb 2016 18:06

Instrument :
BNA_G
ClientSampled :
C04N3

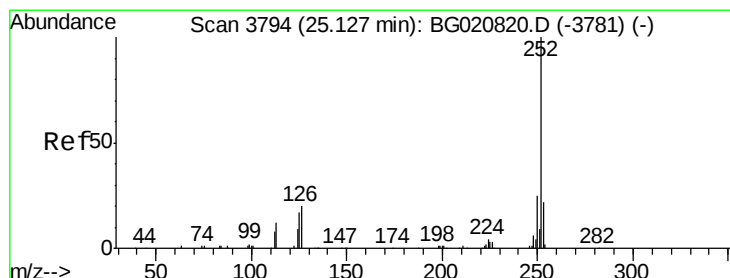
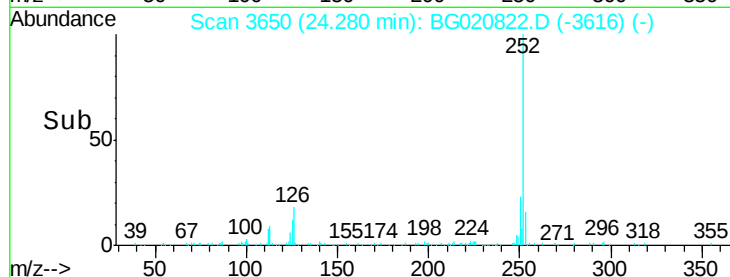
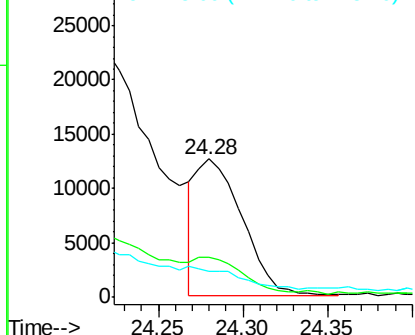
Tot Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.1	25.7#
125	19.1	12.1	18.1#

Manual Integrations
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Sohil
2/10/2016 1:46:52 PM



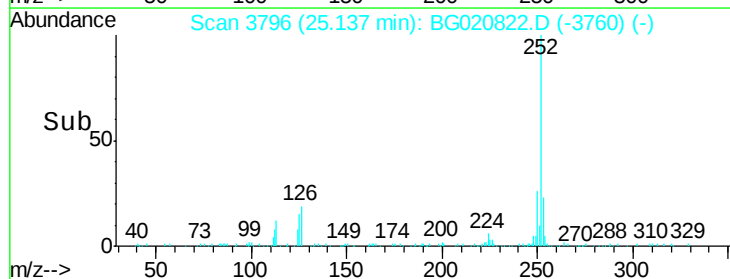
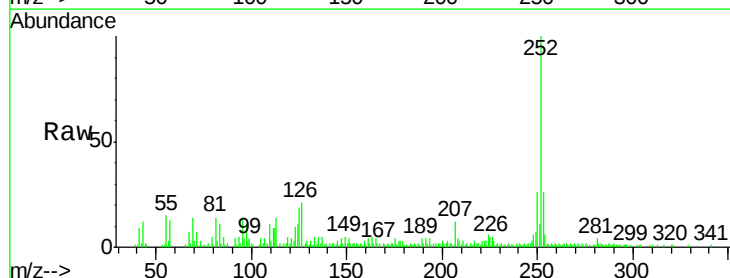
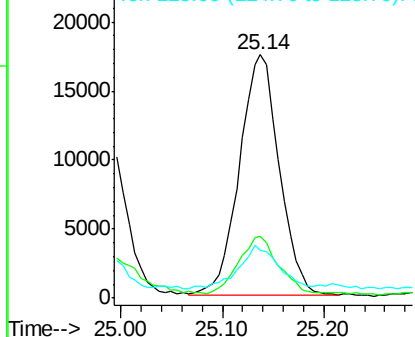
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

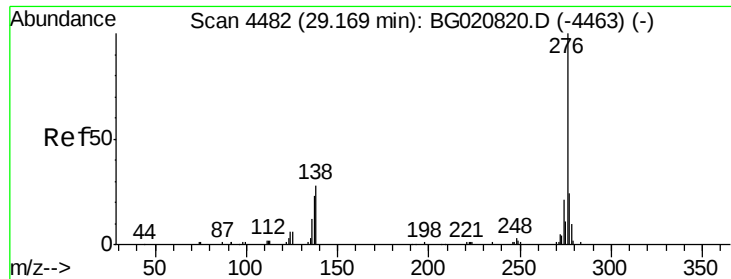


#91
Benzo(a)pyrene
Concen: 6.98 ng/ul
RT: 25.14 min Scan# 3796
Delta R.T. 0.01 min
Lab File: BG020822.D
Acq: 9 Feb 2016 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.3	25.9
125	19.5	14.2	21.2

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





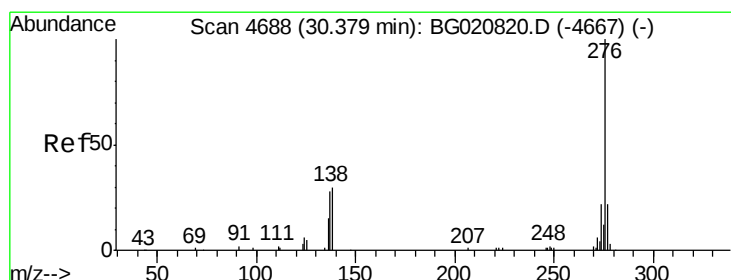
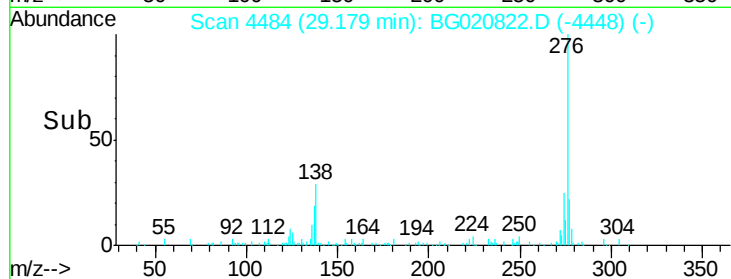
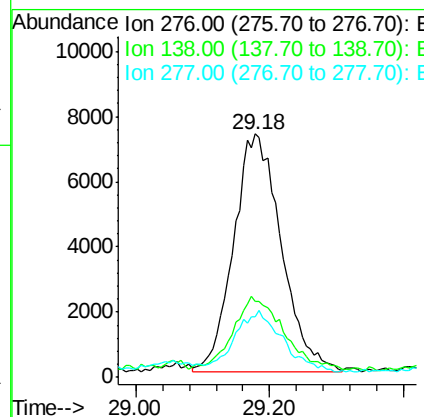
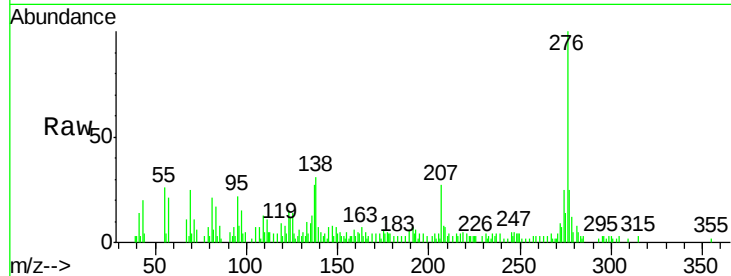
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 4.63 ng/ul
 RT: 29.18 min Scan# 4484
 Delta R.T. 0.01 min
 Lab File: BG020822.D
 Acq: 9 Feb 2016 18:06

Instrument :
 BNA_G
 ClientSampleId :
 C04N3

Tot Ion:	276	Resp:	36263
Ion Ratio	Lower	Upper	
276	100		
138	31.4	22.4	33.6
277	24.8	18.5	27.7

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 5.51 ng/ul
 RT: 30.40 min Scan# 4692
 Delta R.T. 0.02 min
 Lab File: BG020822.D
 Acq: 9 Feb 2016 18:06

Tgt Ion:	276	Resp:	35285
Ion Ratio	Lower	Upper	
276	100		
138	32.3	24.4	36.6
277	25.9	18.7	28.1

