

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
 Data File : BG019469.D
 Acq On : 4 Nov 2015 1:51
 Operator : UM/NP
 Sample : G4211-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC770

Manual Integrations
 APPROVED

Mmdadoda
 11/4/2015 5:27:14 PM

Quant Time: Nov 04 02:46:41 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 04 02:23:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	37062	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	157957	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	123784	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	323217	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	396289	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	381997	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	2609	3.37	ng/uL	0.00
5) Phenol-d5	7.33	99	64501	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	47124	21.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	43368	20.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	25175	9.29	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	24176	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	29546	21.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	57148	19.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	39427	13.04	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	206498	20.23	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	232625	20.58	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	25499	15.73	ng/ul	0.00
58) Fluorene-d10	15.79	176	189553	20.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	32660	15.61	ng/ul	0.00
71) Anthracene-d10	17.65	188	298309	20.25	ng/ul	0.00
79) Pyrene-d10	19.93	212	350563	20.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	383781	20.02	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	14.25	163	97265	9.32	ng/ul#	99
50) Acenaphthene	14.87	153	8613	1.10	ng/ul	91
70) Phenanthrene	17.59	178	251745	15.43	ng/ul	97
72) Anthracene	17.68	178	49826m	3.00	ng/ul	
75) Carbazole	17.95	167	18334	1.38	ng/ul#	96
77) Fluoranthene	19.59	202	541963	25.66	ng/ul#	96
80) Pyrene	19.95	202	510036	22.93	ng/ul#	94
83) Benzo(a)anthracene	21.81	228	314974	13.65	ng/ul	96
85) Chrysene	21.88	228	289035	13.35	ng/ul	99
88) Benzo(b)fluoranthene	24.11	252	377895	16.77	ng/ul#	99
89) Benzo(k)fluoranthene	24.18	252	116326m	5.36	ng/ul	
91) Benzo(a)pyrene	25.02	252	254835	11.77	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	29.03	276	180505m	7.40	ng/ul	
93) Dibenzo(a,h)anthracene	29.08	278	48947m	2.40	ng/ul	
94) Benzo(g,h,i)perylene	30.22	276	154856	8.37	ng/ul#	95

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

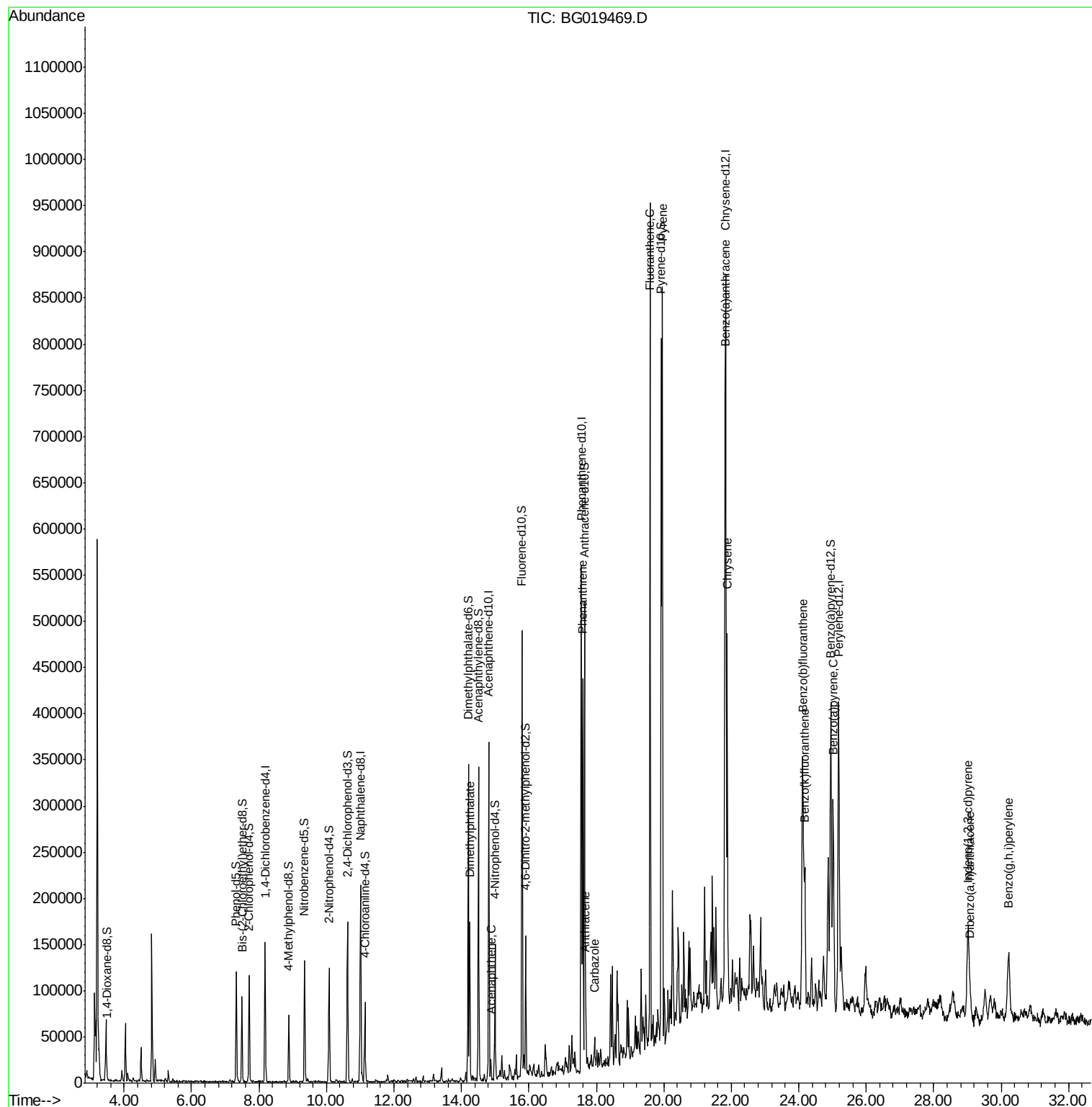
Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019469.D
Acq On : 4 Nov 2015 1:51
Operator : UM/NP
Sample : G4211-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

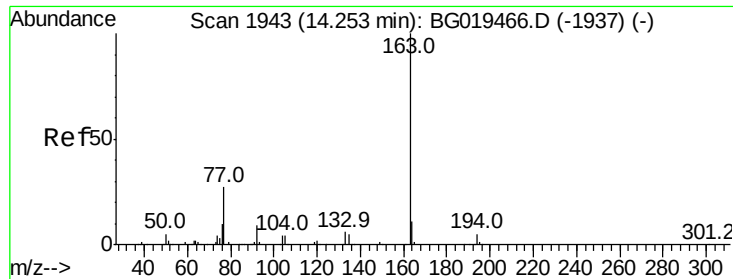
Instrument :
BNA_G
ClientSampleId :
BC770

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Quant Time: Nov 04 02:46:41 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 04 02:23:38 2015
Response via : Initial Calibration





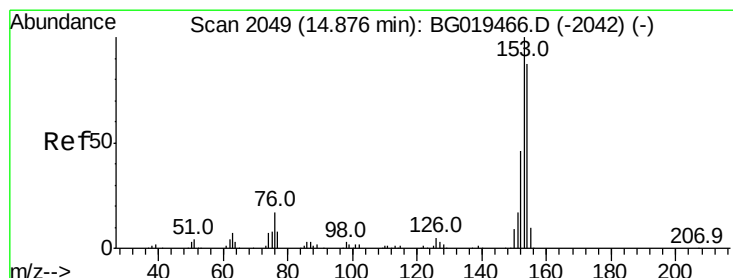
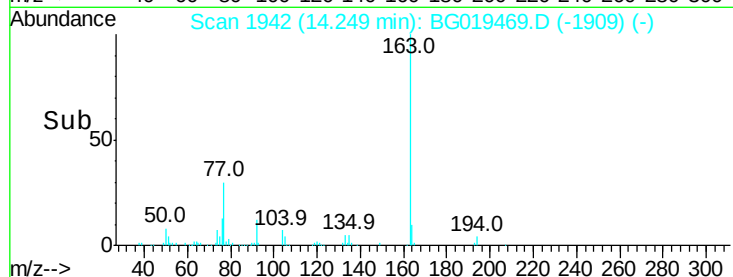
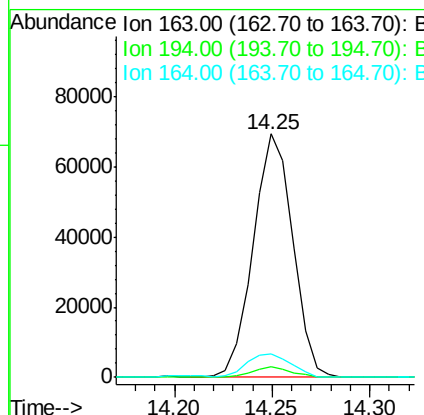
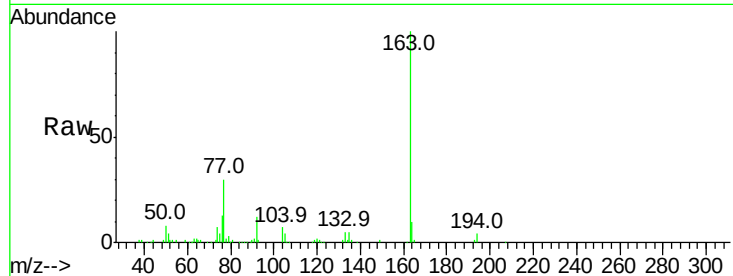
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Dimethylphthalate
Concen: 9.32 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG019469.D
Acq: 4 Nov 2015 1:51

Instrument :
BNA_G
ClientSampleId :
BC770

Tot Ion	Ratio	Resp	Lower	Upper
163	100	97265		
194	4.3	4.3	6.5#	
164	9.6	7.5	11.3	

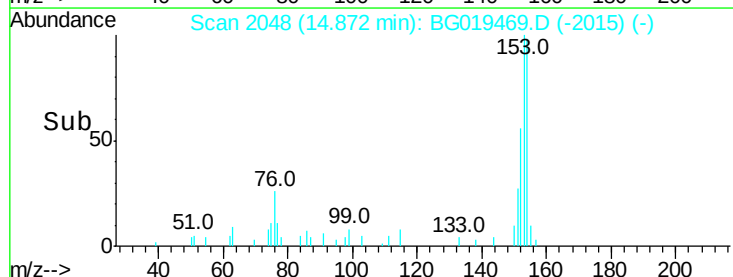
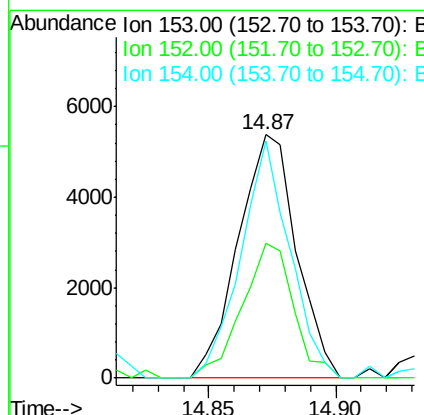
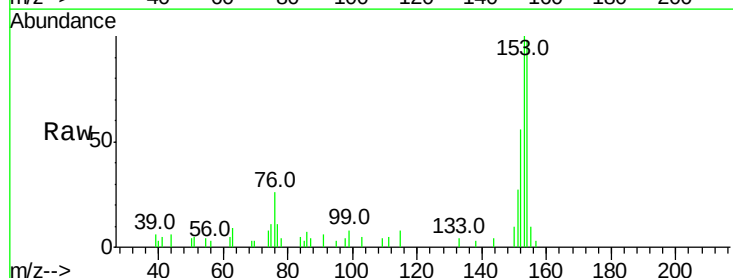
Manual Integrations
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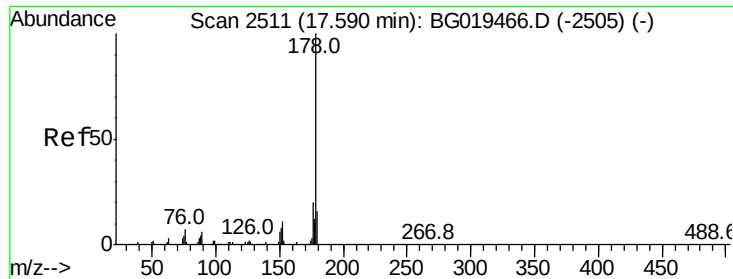
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#50
Acenaphthene
Concen: 1.10 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG019469.D
Acq: 4 Nov 2015 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	8613		
152	55.6	38.8	58.2	
154	97.5	71.5	107.3	





#70

Phenanthrene

Concen: 15.43 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG019469.D

Acq: 4 Nov 2015 1:51

Instrument :

BNA_G

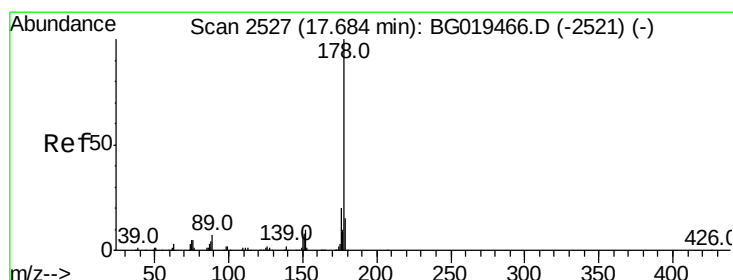
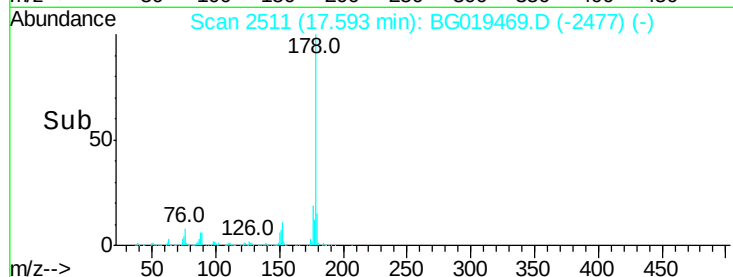
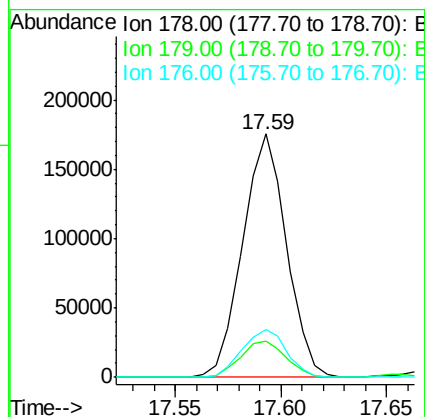
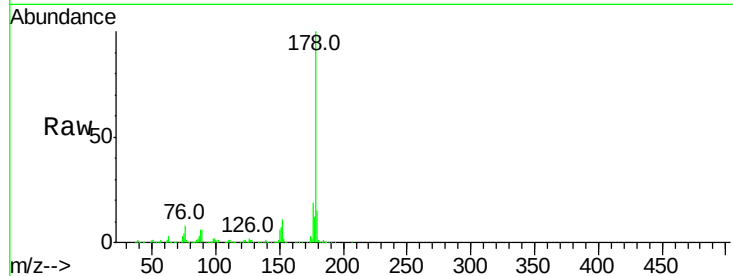
ClientSampleId :

BC770

Tot Ion:178	Resp:	251745
Ion Ratio	Lower	Upper
178	100	
179	15.1	12.6 18.8
176	19.5	14.3 21.5

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#72

Anthracene

Concen: 3.00 ng/ul m

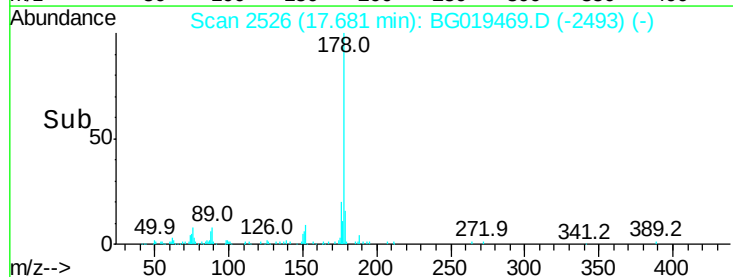
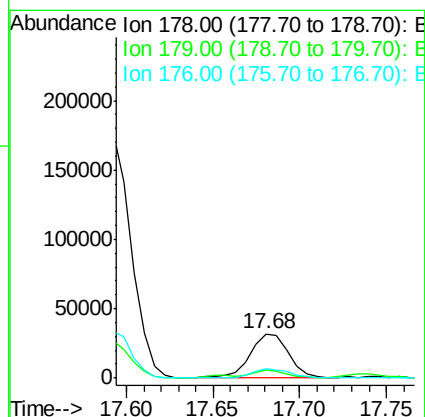
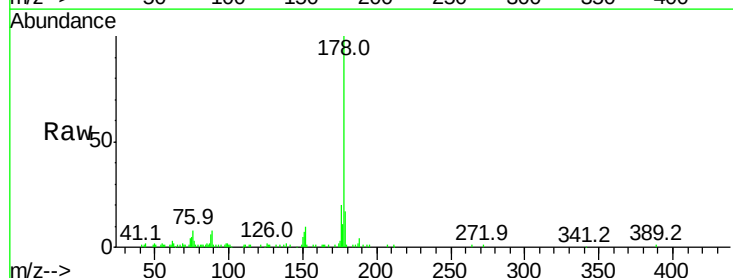
RT: 17.68 min Scan# 2526

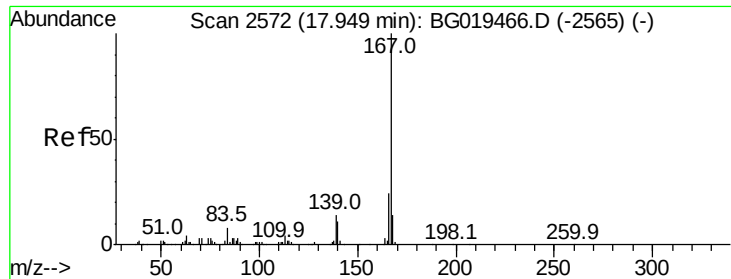
Delta R.T. -0.00 min

Lab File: BG019469.D

Acq: 4 Nov 2015 1:51

Tgt Ion:178	Resp:	49826
Ion Ratio	Lower	Upper
178	100	
179	16.8	11.6 17.4
176	19.7	14.2 21.4





#75

Carbazole

Concen: 1.38 ng/ul

RT: 17.95 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BG019469.D

Acq: 4 Nov 2015 1:51

Instrument :

BNA_G

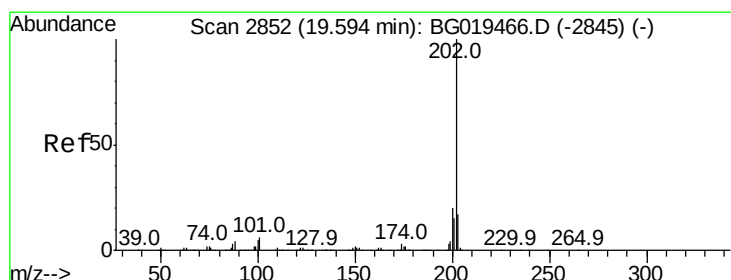
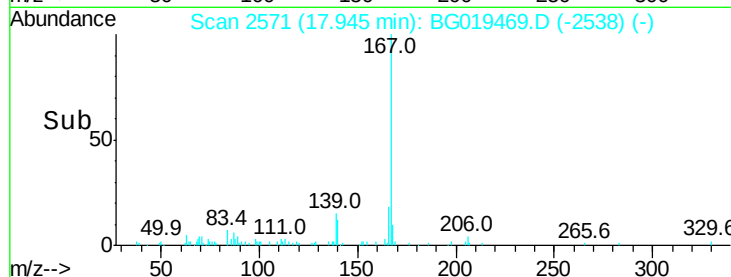
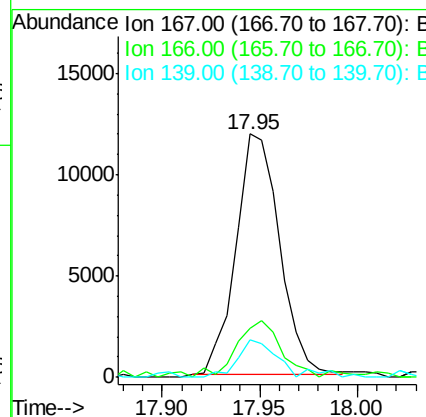
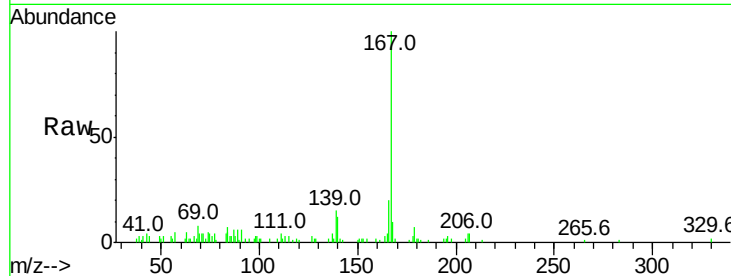
ClientSampleId :

BC770

Tot Ion:	167	Resp:	18334
Ion Ratio	Lower	Upper	
167	100		
166	20.1	16.8	25.2
139	15.4	9.8	14.6#

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#77

Fluoranthene

Concen: 25.66 ng/ul

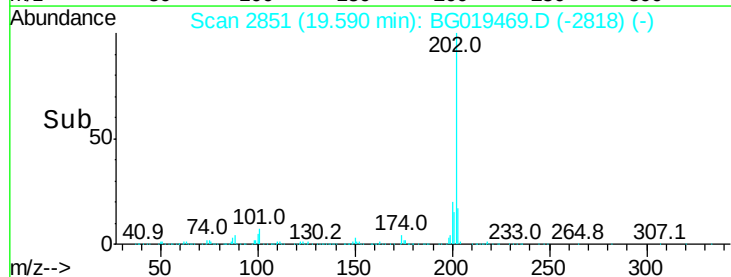
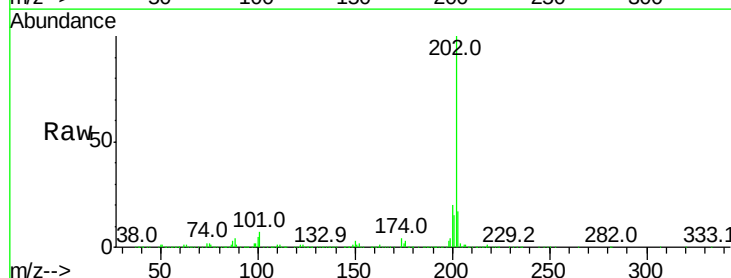
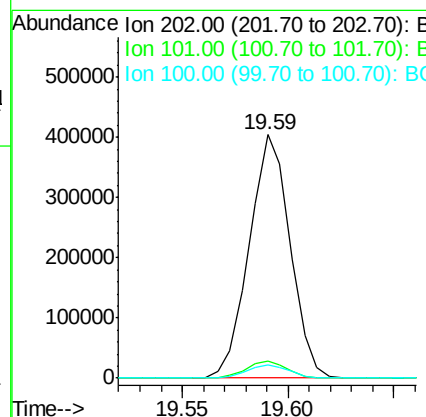
RT: 19.59 min Scan# 2851

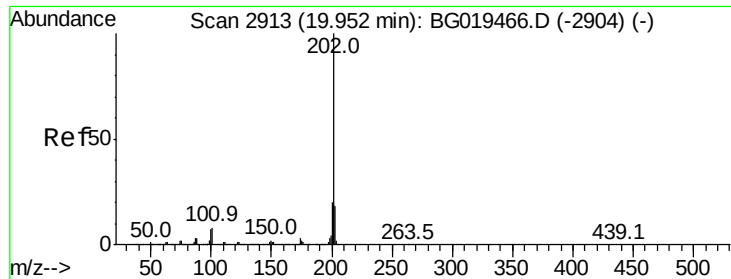
Delta R.T. -0.00 min

Lab File: BG019469.D

Acq: 4 Nov 2015 1:51

Tgt Ion:	202	Resp:	541963
Ion Ratio	Lower	Upper	
202	100		
101	6.8	4.0	6.0#
100	5.3	3.6	5.4





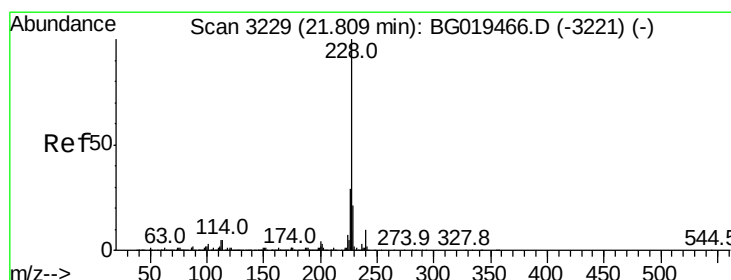
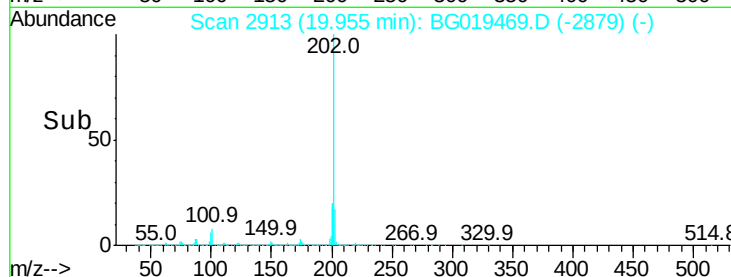
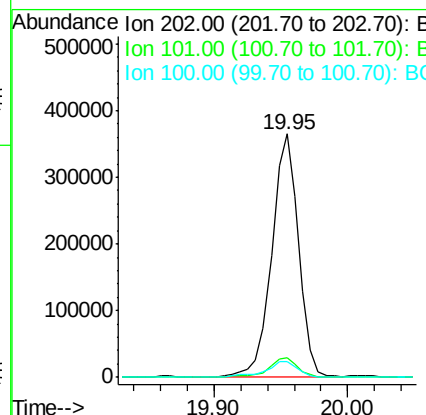
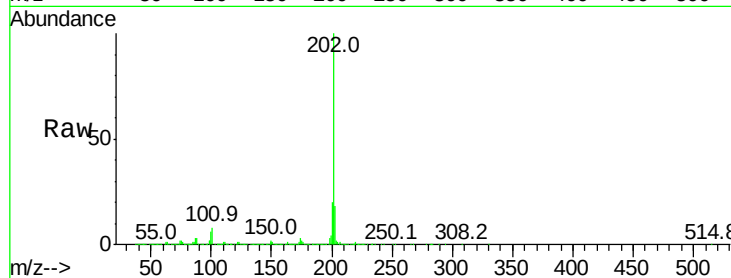
#80
 Pvrene
 Concen: 22.93 ng/ul
 RT: 19.95 min Scan# 2913
 Delta R.T. 0.00 min
 Lab File: BG019469.D
 Acq: 4 Nov 2015 1:51

Instrument :
 BNA_G
 ClientSampleId :
 BC770

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	4.3	6.5#
100	6.3	3.6	5.4#

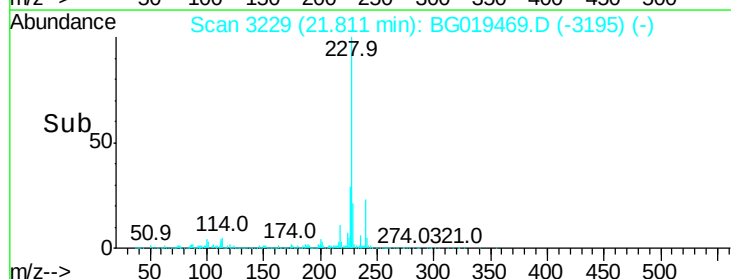
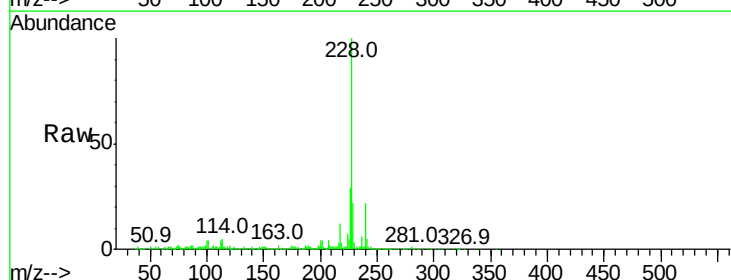
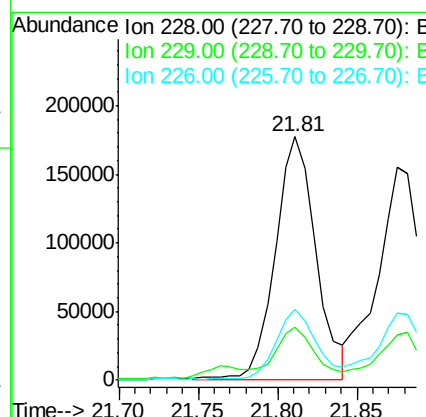
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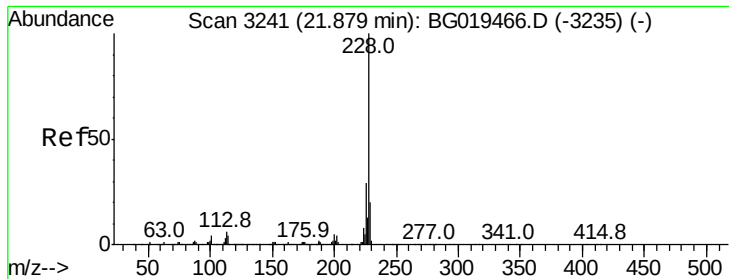
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#83
 Benzo(a)anthracene
 Concen: 13.65 ng/ul
 RT: 21.81 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: BG019469.D
 Acq: 4 Nov 2015 1:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.9	15.8	23.8
226	29.0	21.8	32.6





#85

Chrysene

Concen: 13.35 ng/ul

RT: 21.88 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BG019469.D

Acq: 4 Nov 2015 1:51

Instrument :

BNA_G

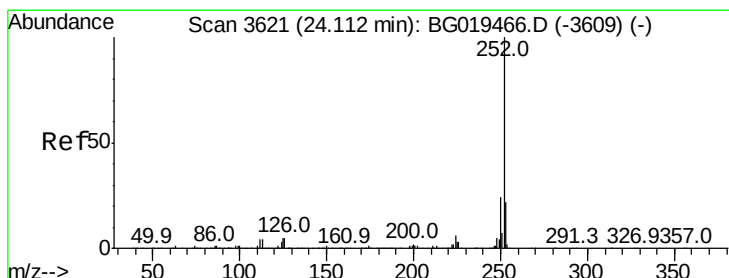
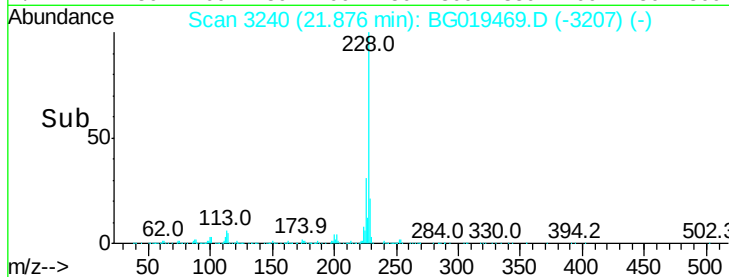
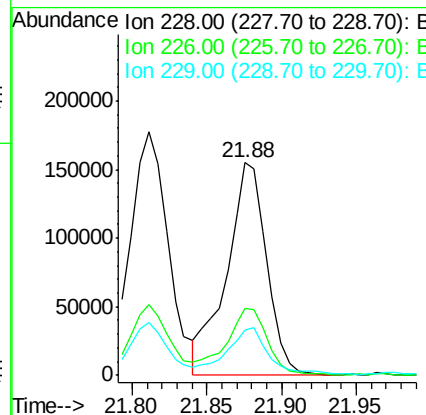
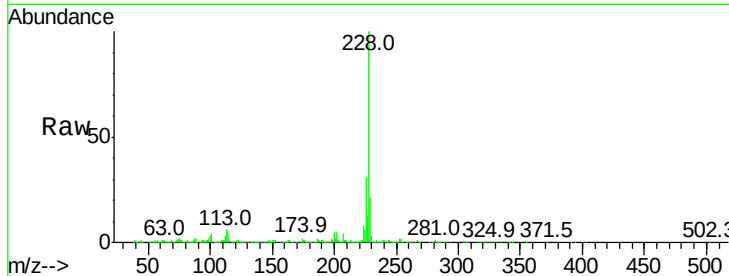
ClientSampleId :

BC770

Tot Ion:	228	Resp:	289035
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.6	36.8
229	21.1	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 16.77 ng/ul

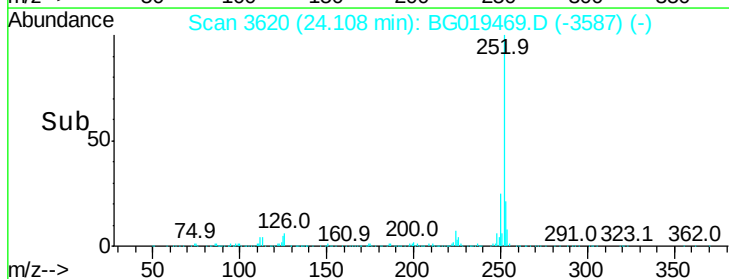
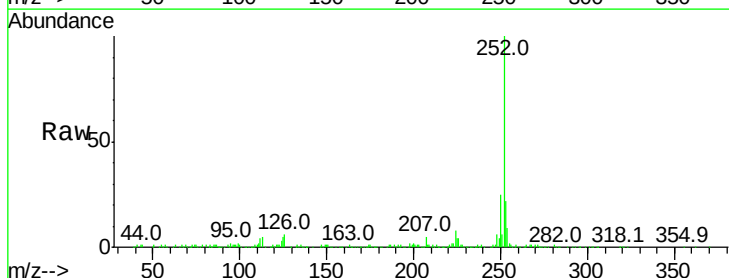
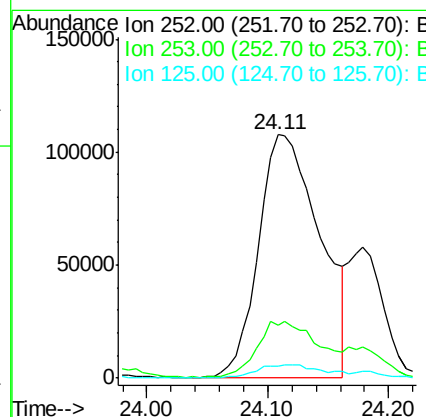
RT: 24.11 min Scan# 3620

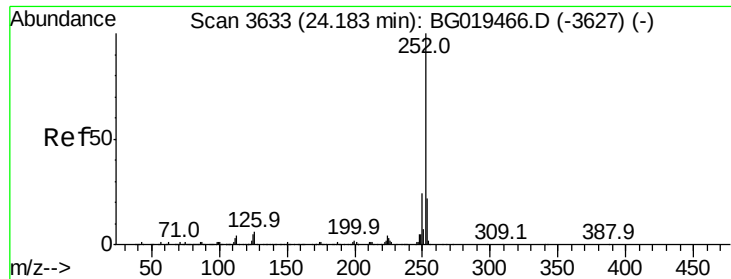
Delta R.T. -0.00 min

Lab File: BG019469.D

Acq: 4 Nov 2015 1:51

Tgt Ion:	252	Resp:	377895
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.1	25.7
125	4.7	2.5	3.7#





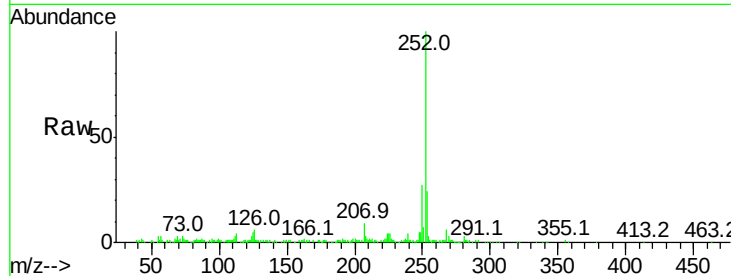
#89
Benzo(k)fluoranthene
Concen: 5.36 ng/ul m
RT: 24.18 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG019469.D
Acq: 4 Nov 2015 1:51

Instrument :
BNA_G
ClientSampleId :
BC770

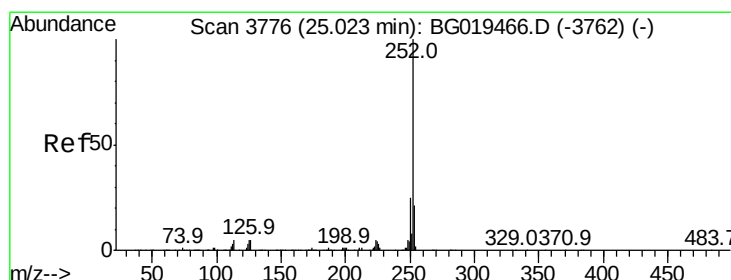
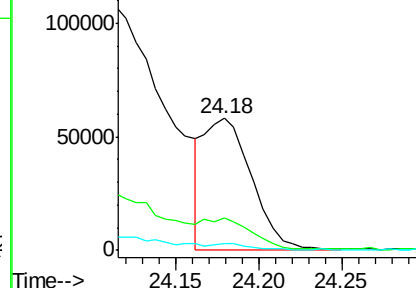
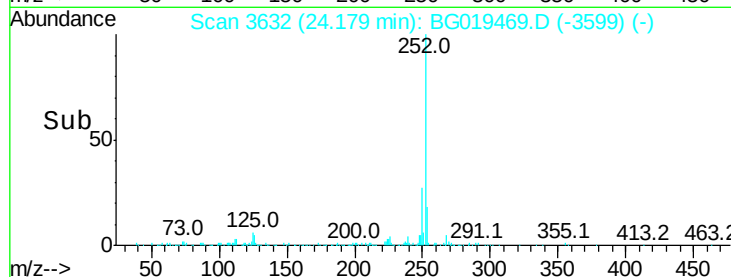
Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.1	17.2	25.8	
125	5.4	3.1	4.7#	

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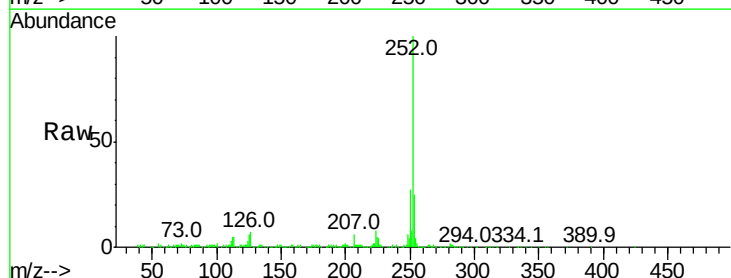


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

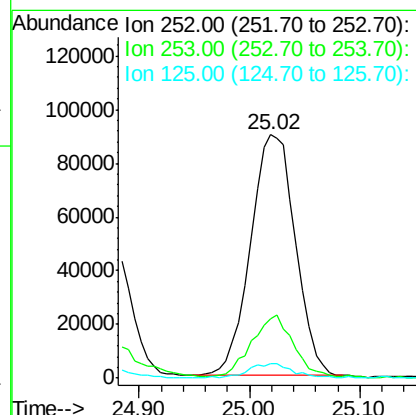
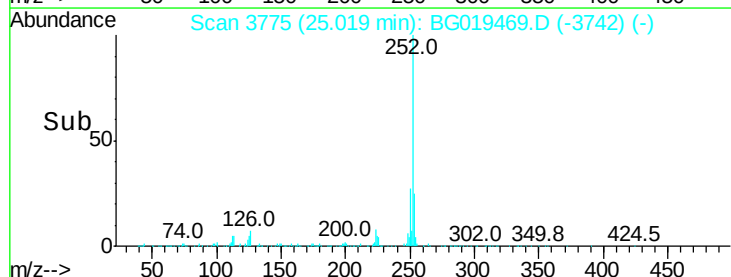


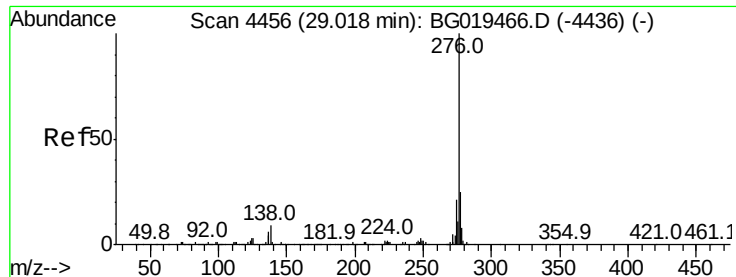
#91
Benzo(a)pyrene
Concen: 11.77 ng/ul
RT: 25.02 min Scan# 3775
Delta R.T. -0.00 min
Lab File: BG019469.D
Acq: 4 Nov 2015 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.5	16.0	24.0#	
125	5.9	3.3	4.9#	



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





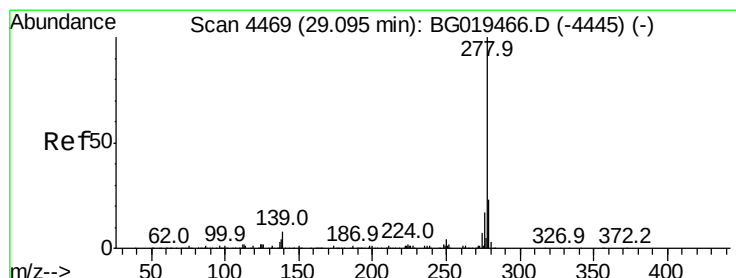
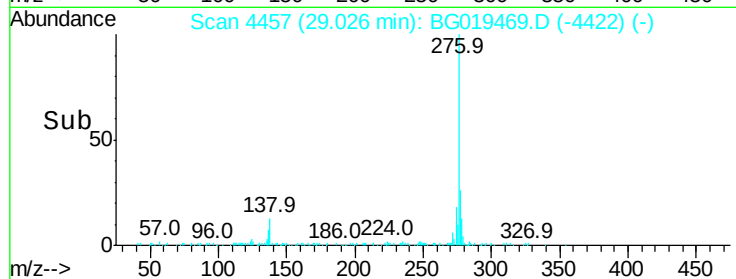
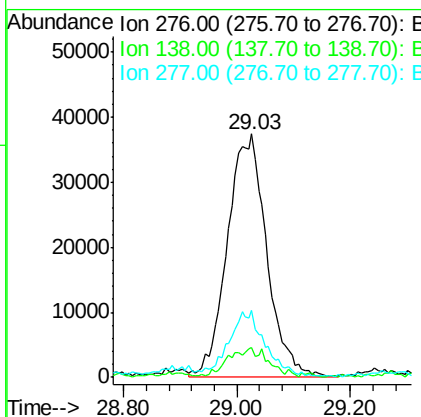
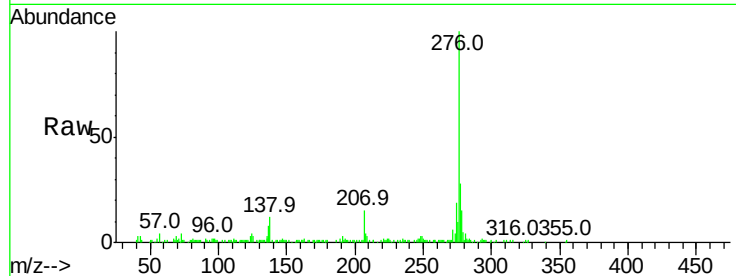
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 7.40 ng/ul m
 RT: 29.03 min Scan# 4457
 Delta R.T. 0.01 min
 Lab File: BG019469.D
 Acq: 4 Nov 2015 1:51

Instrument :
 BNA_G
 ClientSampleId :
 BC770

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	12.5	6.2	9.4#
277	27.7	17.9	26.9#

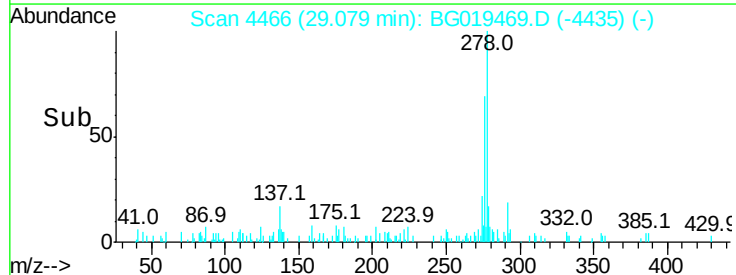
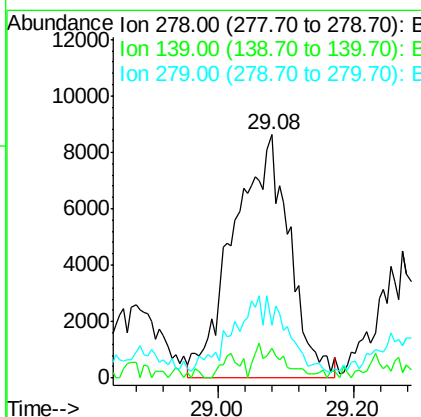
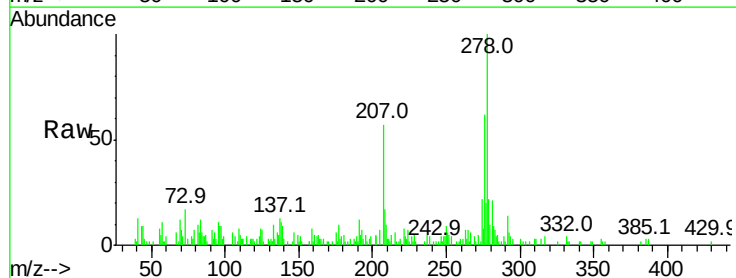
Manual Integrations
 APPROVED

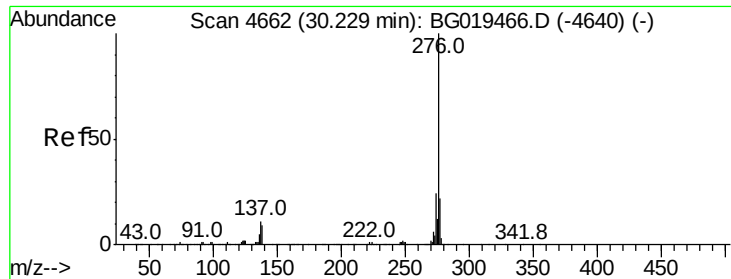
Mmdadoda
 11/4/2015 5:27:14 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 2.40 ng/ul m
 RT: 29.08 min Scan# 4466
 Delta R.T. -0.02 min
 Lab File: BG019469.D
 Acq: 4 Nov 2015 1:51

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	8.9	5.8	8.6#
279	21.8	20.3	30.5





#94

Benzo(a,h,i)perylene

Concen: 8.37 ng/ul

RT: 30.22 min Scan# 4660

Delta R.T. -0.01 min

Lab File: BG019469.D

Acq: 4 Nov 2015 1:51

Instrument :

BNA_G

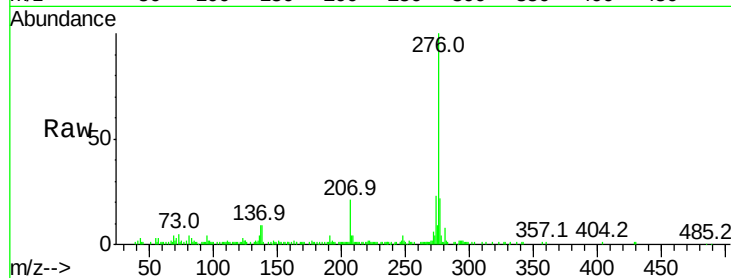
ClientSampleId :

BC770

Tot Ion:	276	Resp:	154856
Ion Ratio	Lower	Upper	
276	100		
138	8.6	5.6	8.4#
277	22.2	16.0	24.0

Manual Integrations
APPROVED

Mmdadoda
11/4/2015 5:27:14 PM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

