

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110517\
 Data File : BG030750.D
 Acq On : 5 Nov 2017 22:29
 Operator : SJ/JU
 Sample : I6107-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0E81

Manual Integrations
 APPROVED

Sohil
 11/6/2017 2:19:32 PM

Quant Time: Nov 06 11:36:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 01:27:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	74646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	333656	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	217346	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	537353	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	615068	20.00	ng/ul	0.00
83) Perylene-d12	25.08	264	629146	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	8033	4.37	ng/uL	0.00
5) Phenol-d5	7.31	99	171521m	23.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	101805	22.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	139859	27.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	133622	23.09	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	69708	29.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	83135	33.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	153779	27.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	139265	21.43	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	514369	27.68	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	639681	28.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	81862	23.86	ng/ul	0.00
57) Fluorene-d10	15.75	176	488993	32.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	80270	30.60	ng/ul	0.00
70) Anthracene-d10	17.61	188	770215	30.31	ng/ul	0.00
76) Pyrene-d10	19.88	212	932441	29.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	957761	32.14	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.34	94	12904	1.741	ng/ul#	88
44) Dimethylphthalate	14.21	163	300260	16.567	ng/ul	98
58) Fluorene	15.81	166	19805	1.151	ng/ul	94
69) Phenanthrene	17.55	178	294609	10.142	ng/ul	98
71) Anthracene	17.64	178	74920	2.500	ng/ul	97
72) Carbazole	17.91	167	35523	1.319	ng/ul#	96
74) Fluoranthene	19.54	202	445077	13.710	ng/ul	98
77) Pyrene	19.91	202	365645	8.870	ng/ul	99
80) Benzo(a)anthracene	21.75	228	230039	5.968	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.64	149	26841	1.108	ng/ul#	97
82) Chrysene	21.82	228	198606	5.671	ng/ul	96
85) Benzo(b)fluoranthene	24.03	252	257008	6.805	ng/ul	95
86) Benzo(k)fluoranthene	24.09	252	89806	2.459	ng/ul	94
88) Benzo(a)pyrene	24.92	252	183878	5.001	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	28.85	276	143442	3.449	ng/ul	93
90) Dibenzo(a,h)anthracene	28.90	278	40027	1.158	ng/ul#	84
91) Benzo(g,h,i)perylene	30.03	276	127358	3.694	ng/ul#	94

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

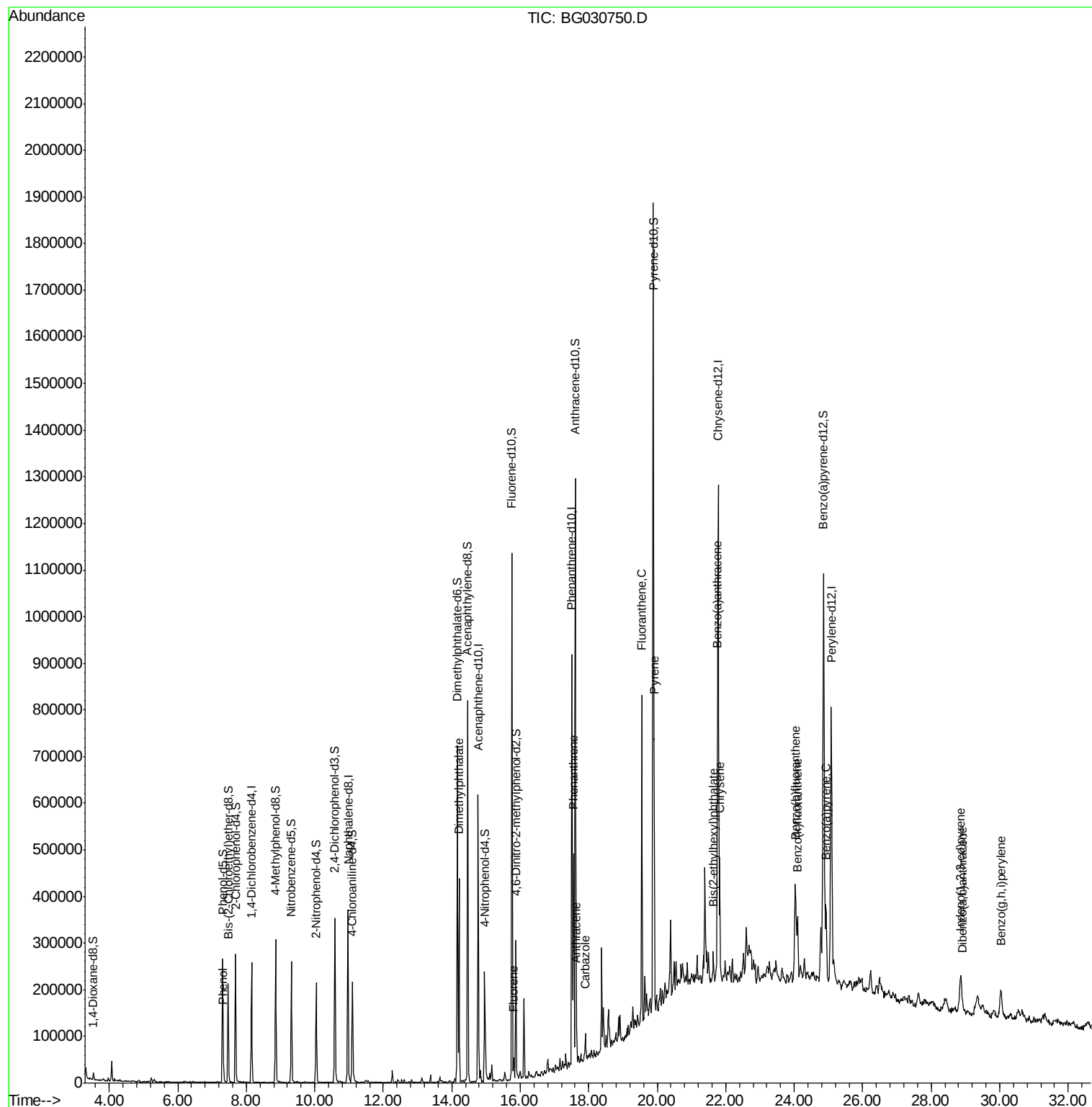
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110517\
Data File : BG030750.D
Acq On : 5 Nov 2017 22:29
Operator : SJ/JU
Sample : I6107-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

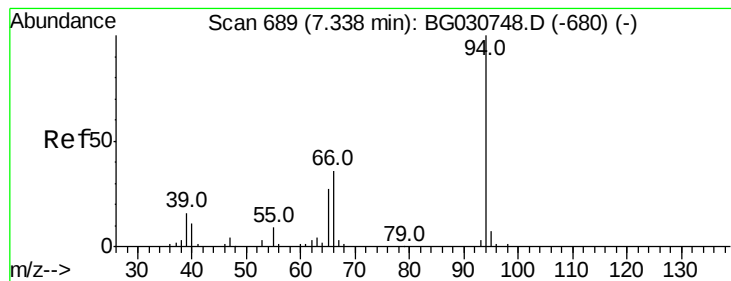
Instrument :
BNA_G
ClientSampled :
B0E81

Manual Integrations
APPROVED

Sohil
11/6/2017 2:19:32 PM

Quant Time: Nov 06 11:36:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 01:27:00 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.741 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030750.D

Acq: 5 Nov 2017 22:29

Instrument :

BNA_G

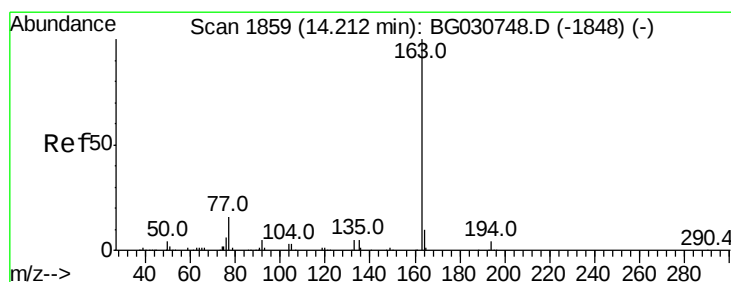
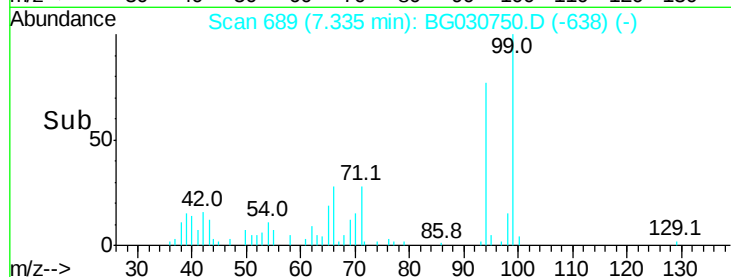
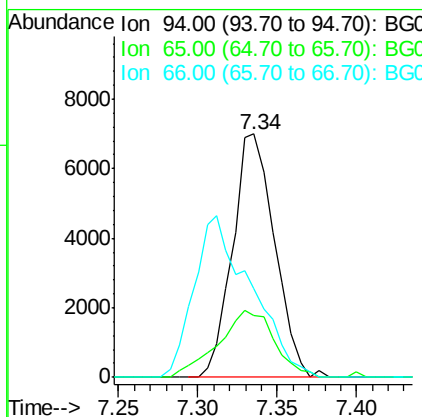
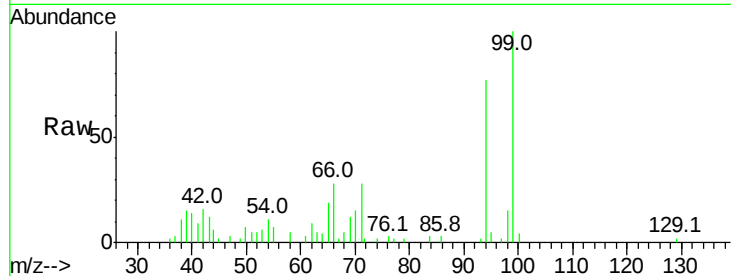
ClientSampleId :

B0E81

Tot Ion:	94	Resp:	12904
Ion Ratio	Lower	Upper	
94	100		
65	25.2	27.1	40.7#
66	36.6	34.6	52.0

Manual Integrations
APPROVED

Sohil
11/6/2017 2:19:32 PM



#44

Dimethylphthalate

Concen: 16.567 ng/ul

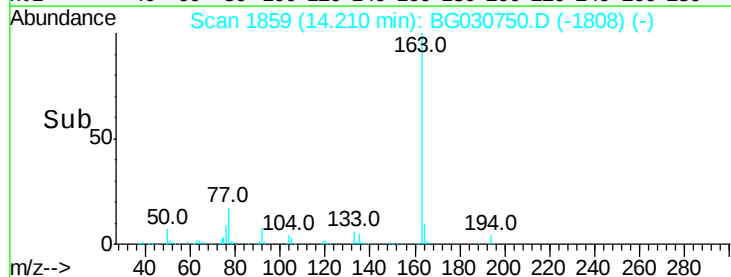
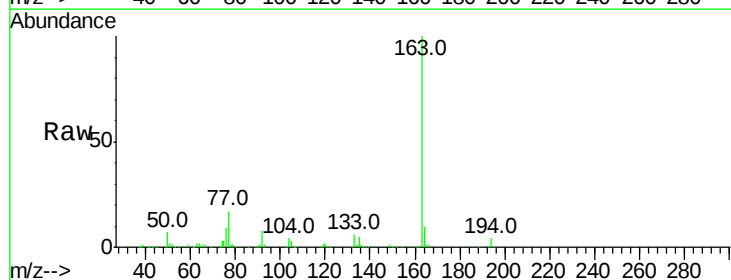
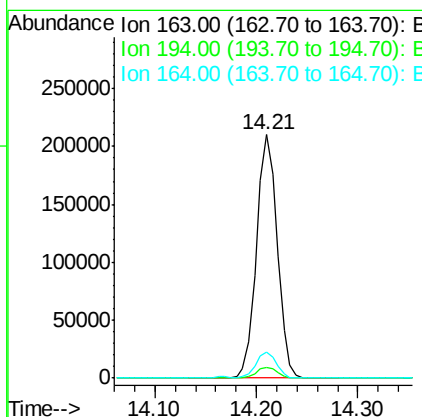
RT: 14.21 min Scan# 1859

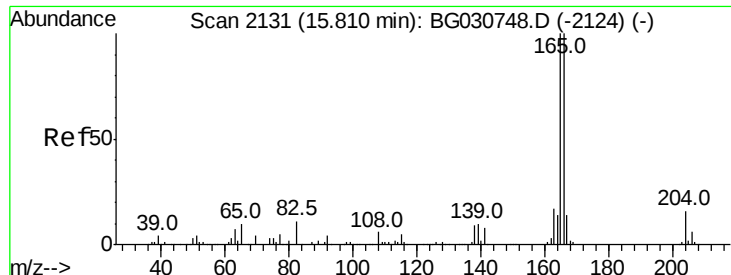
Delta R.T. -0.00 min

Lab File: BG030750.D

Acq: 5 Nov 2017 22:29

Tgt Ion:	163	Resp:	300260
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	10.5	7.6	11.4





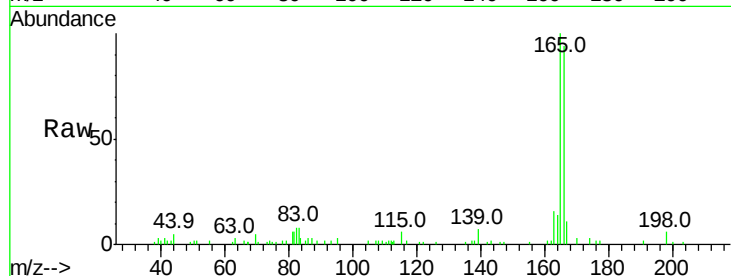
#58
 Fluorene
 Concen: 1.151 ng/ul
 RT: 15.81 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG030750.D
 Acq: 5 Nov 2017 22:29

Instrument :
 BNA_G
 ClientSampleId :
 B0E81

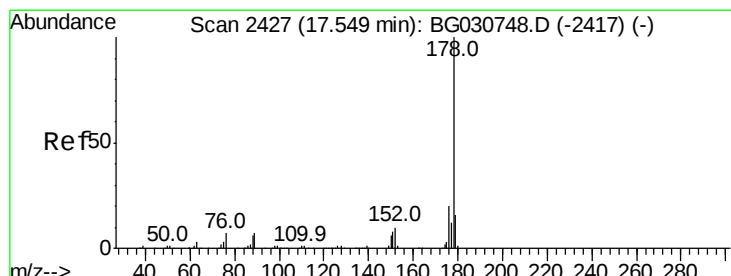
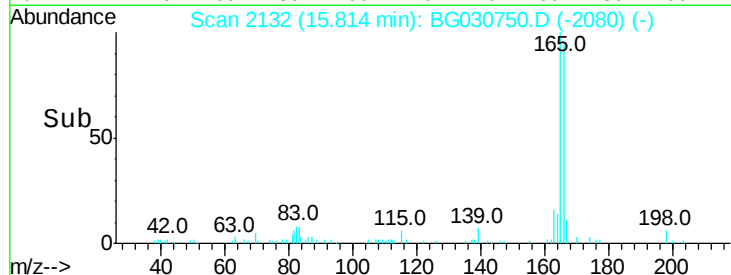
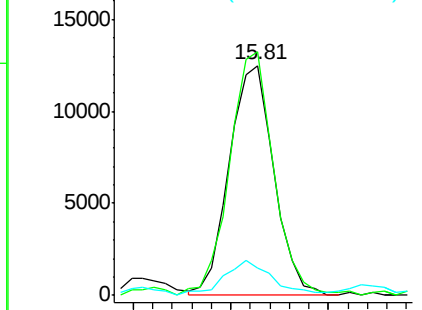
Tot Ion	Ratio	Lower	Upper
166	100		
165	105.9	79.9	119.9
167	11.6	10.6	16.0

Manual Integrations
 APPROVED

Sohil
 11/6/2017 2:19:32 PM

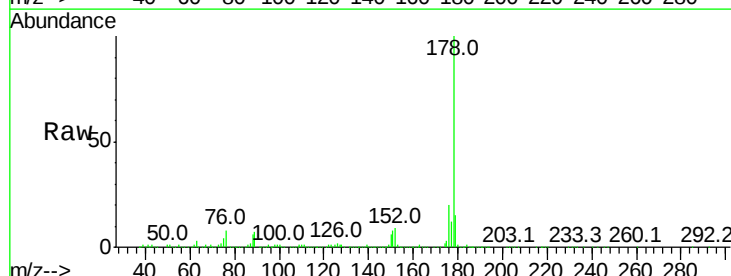


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

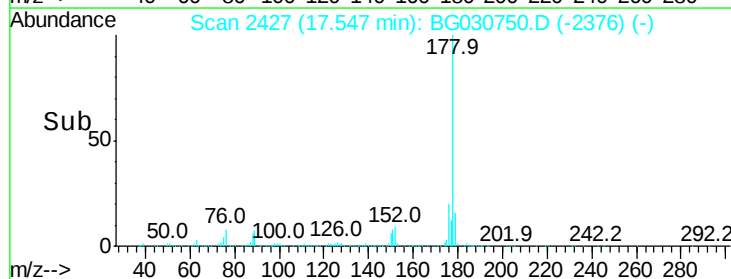
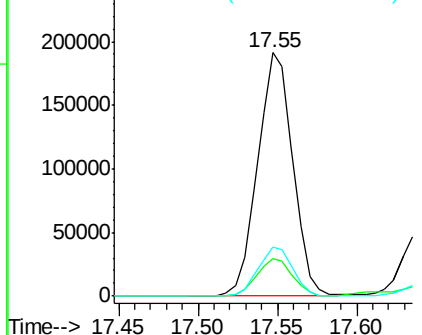


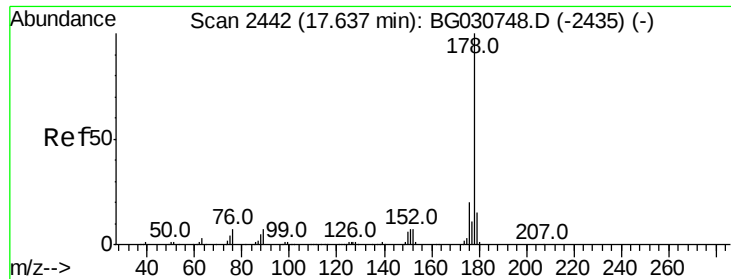
#69
 Phenanthrene
 Concen: 10.142 ng/ul
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG030750.D
 Acq: 5 Nov 2017 22:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	20.0	15.3	22.9



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 2.500 ng/ul

RT: 17.64 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG030750.D

Acq: 5 Nov 2017 22:29

Instrument :

BNA_G

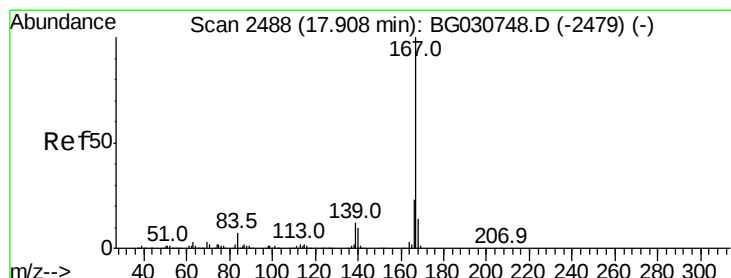
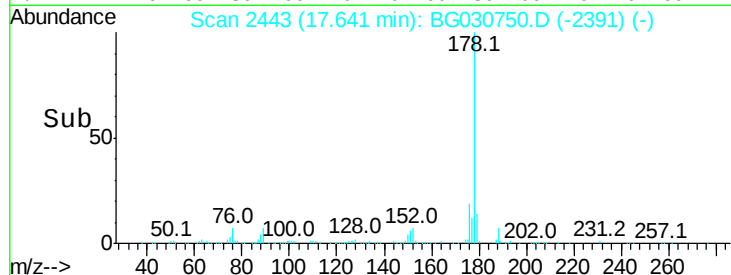
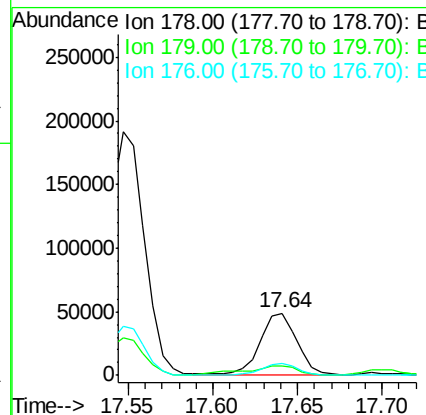
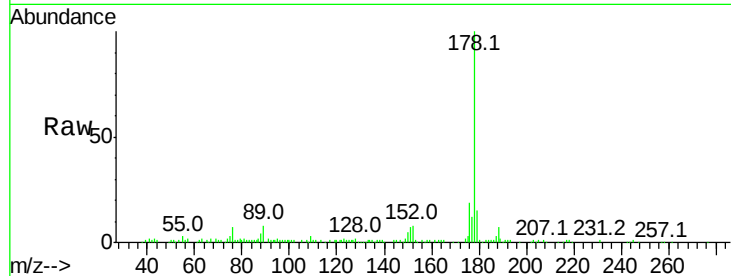
ClientSampled :

B0E81

Tot Ion:	178	Resp:	74920
Ion Ratio	Lower	Upper	
178	100		
179	14.7	13.2	19.8
176	19.2	16.0	24.0

Manual Integrations
APPROVED

Sohil
11/6/2017 2:19:32 PM



#72

Carbazole

Concen: 1.319 ng/ul

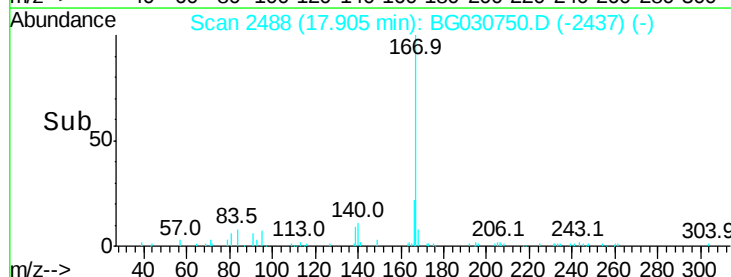
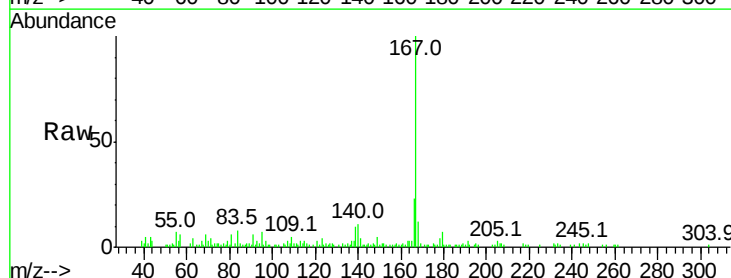
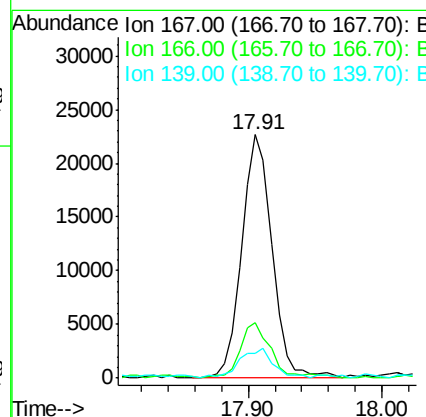
RT: 17.91 min Scan# 2488

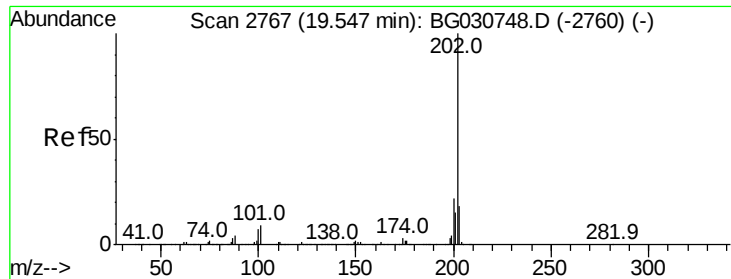
Delta R.T. -0.00 min

Lab File: BG030750.D

Acq: 5 Nov 2017 22:29

Tgt Ion:	167	Resp:	35523
Ion Ratio	Lower	Upper	
167	100		
166	22.7	18.6	28.0
139	9.9	10.6	16.0#





#74

Fluoranthene

Concen: 13.710 ng/ul

RT: 19.54 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG030750.D

Acq: 5 Nov 2017 22:29

Instrument :

BNA_G

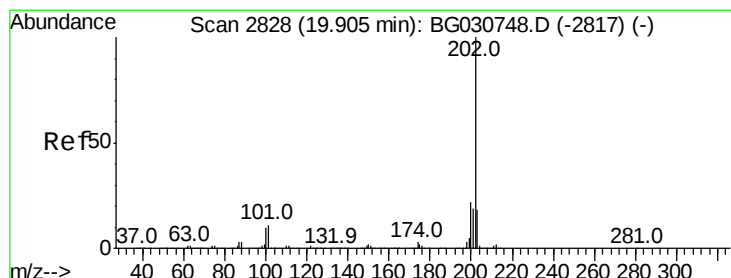
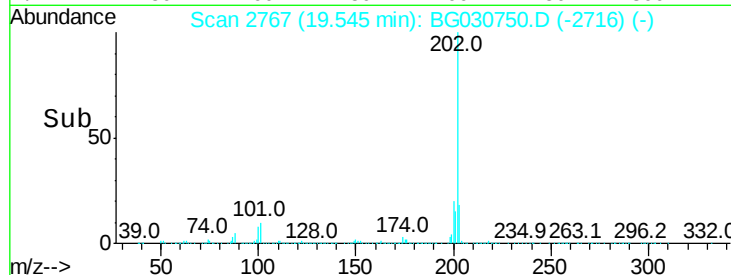
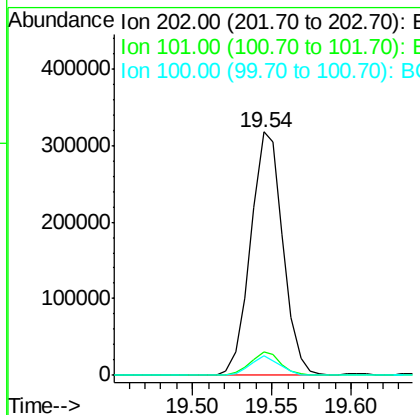
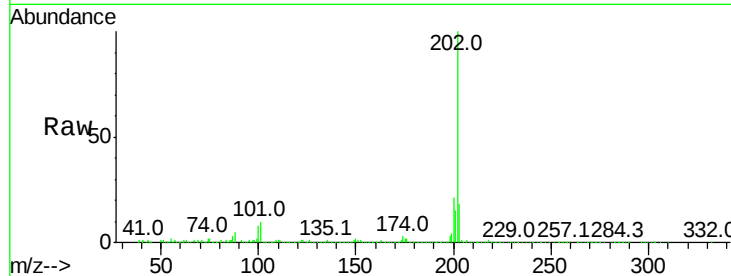
ClientSampleId :

B0E81

Tot Ion:	202	Resp:	445077
Ion Ratio	Lower	Upper	
202	100		
101	9.6	7.4	11.2
100	8.0	5.6	8.4

Manual Integrations
APPROVED

Sohil
11/6/2017 2:19:32 PM



#77

Pyrene

Concen: 8.870 ng/ul

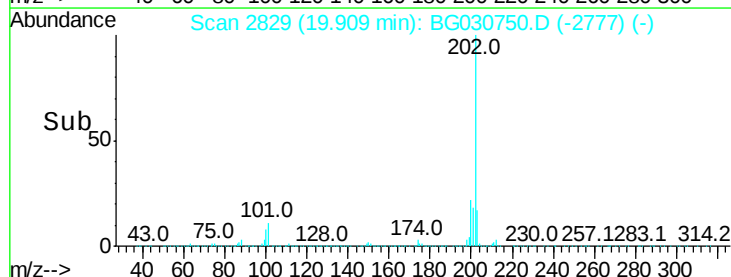
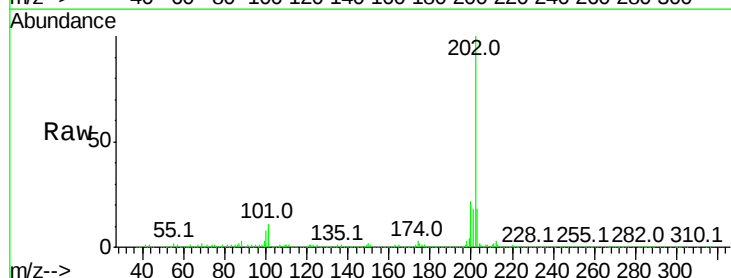
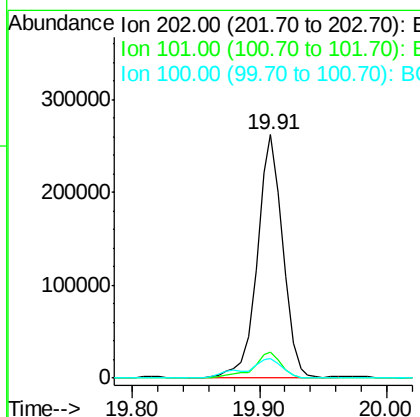
RT: 19.91 min Scan# 2829

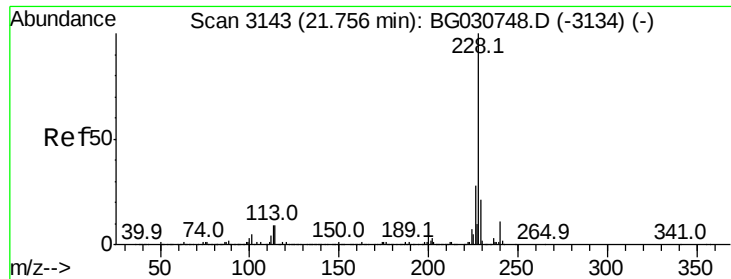
Delta R.T. 0.00 min

Lab File: BG030750.D

Acq: 5 Nov 2017 22:29

Tgt Ion:	202	Resp:	365645
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.4	12.6
100	8.2	7.0	10.6





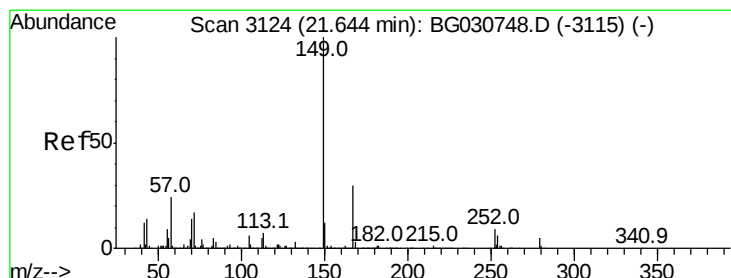
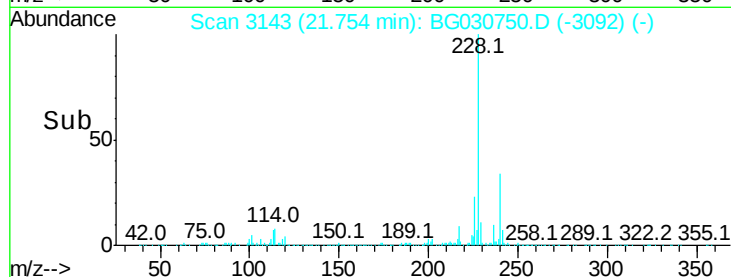
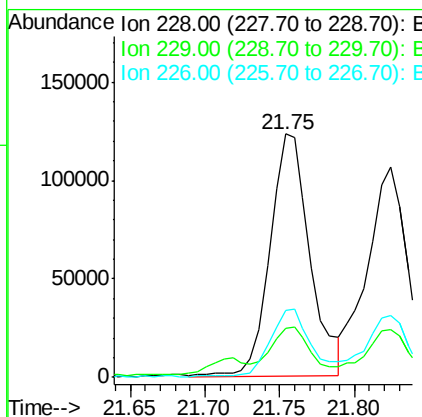
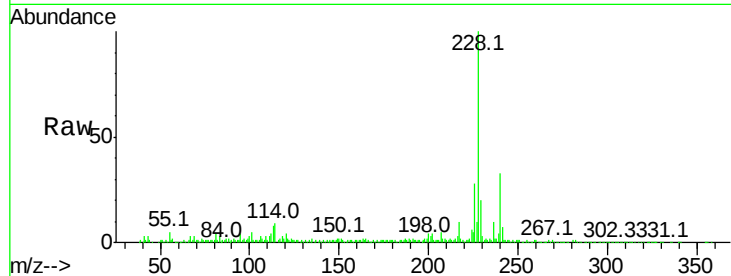
#80
Benzo(a)anthracene
Concen: 5.968 ng/ul
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG030750.D
Acq: 5 Nov 2017 22:29

Instrument :
BNA_G
ClientSampleId :
B0E81

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.2	24.4
226	27.7	22.2	33.2

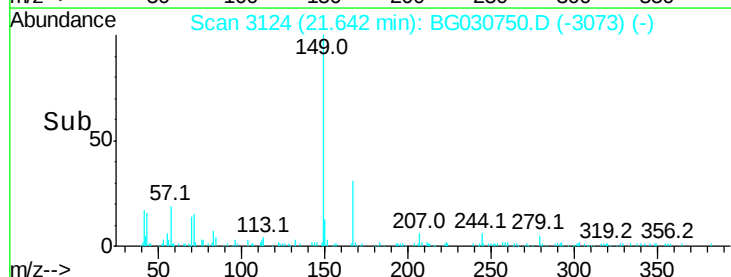
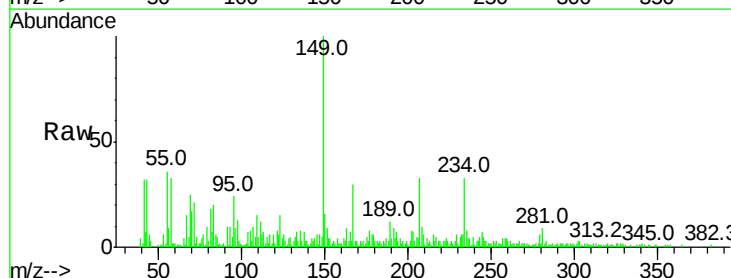
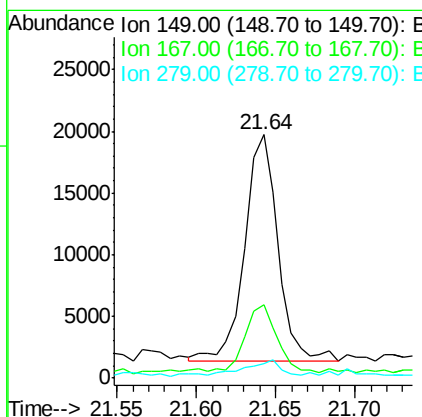
Manual Integrations
APPROVED

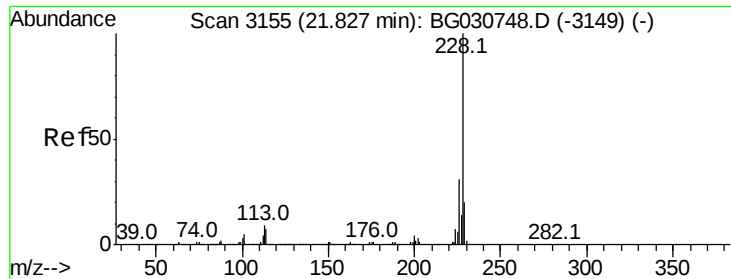
Sohil
11/6/2017 2:19:32 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 1.108 ng/ul
RT: 21.64 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG030750.D
Acq: 5 Nov 2017 22:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.2	34.8
279	5.7	3.1	4.7#





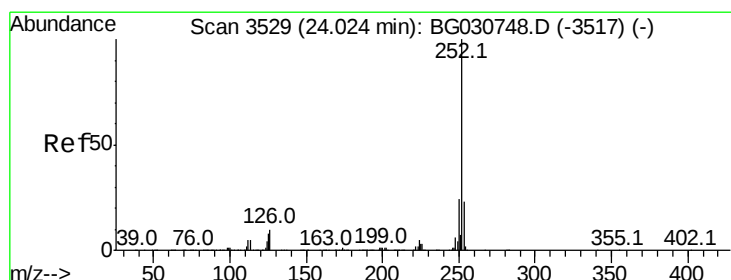
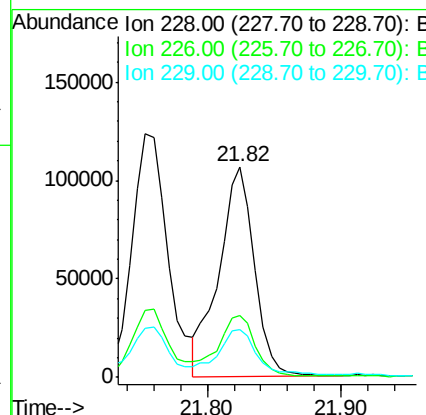
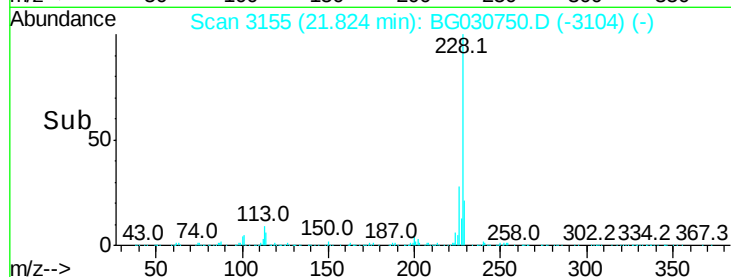
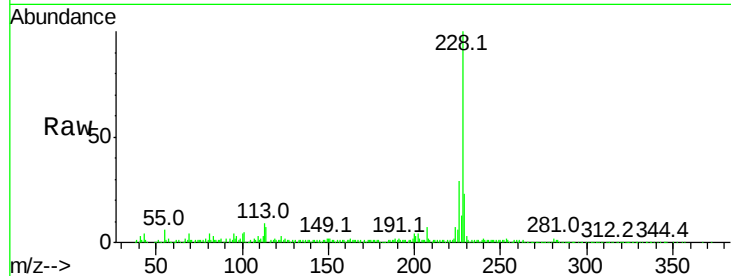
#82
Chrysene
Concen: 5.671 ng/ul
RT: 21.82 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG030750.D
Acq: 5 Nov 2017 22:29

Instrument :
BNA_G
ClientSampleId :
B0E81

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.2
229	22.8	15.2	22.8

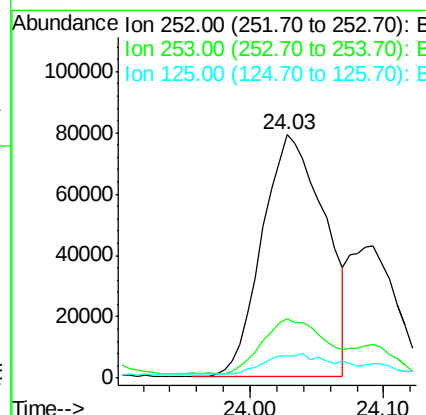
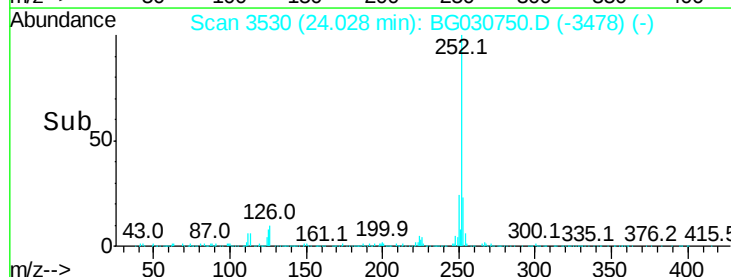
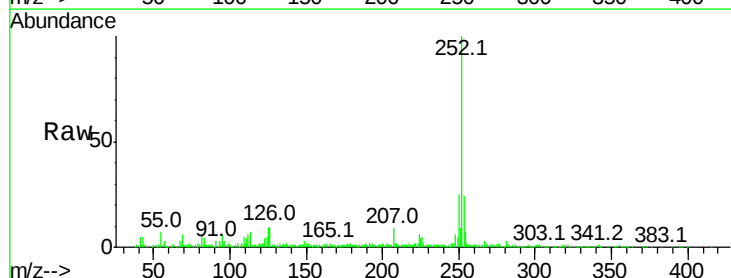
Manual Integrations
APPROVED

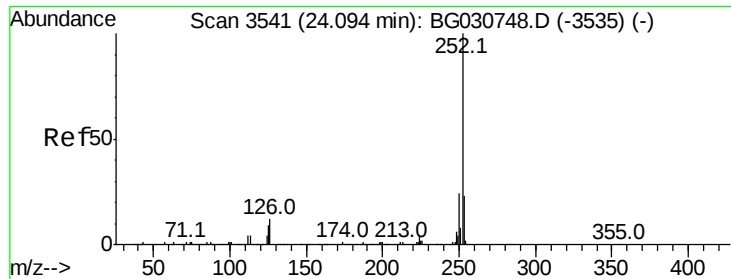
Sohil
11/6/2017 2:19:32 PM



#85
Benzo(b)fluoranthene
Concen: 6.805 ng/ul
RT: 24.03 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG030750.D
Acq: 5 Nov 2017 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.4
125	9.2	7.5	11.3





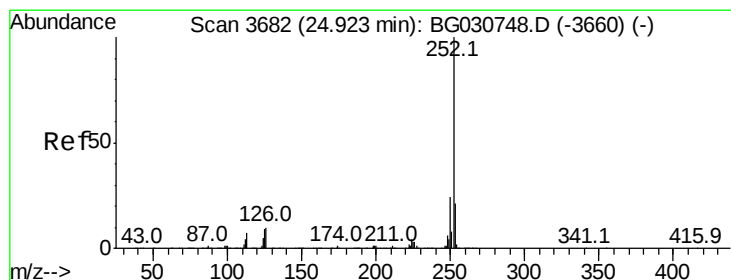
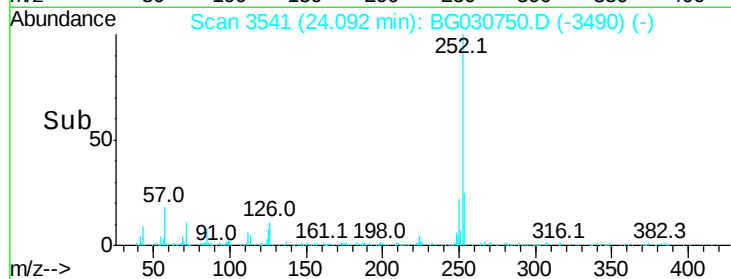
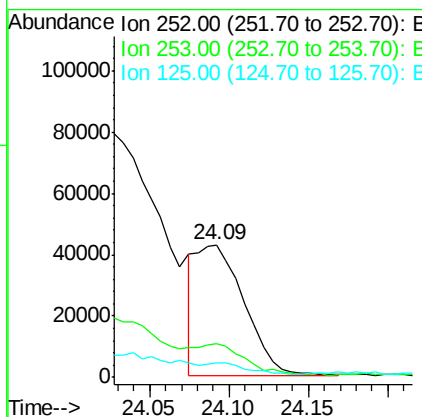
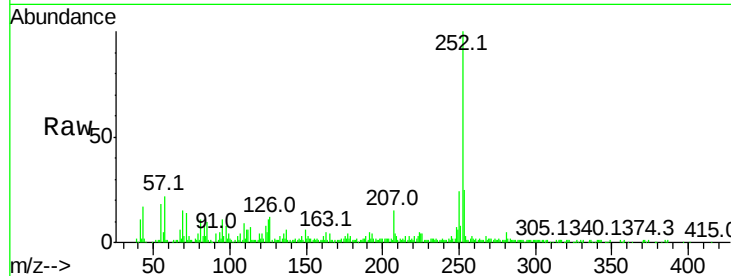
#86
Benzo(k)fluoranthene
Concen: 2.459 ng/ul
RT: 24.09 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BG030750.D
Acq: 5 Nov 2017 22:29

Instrument :
BNA_G
ClientSampled :
B0E81

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.2	25.8
125	10.9	7.8	11.8

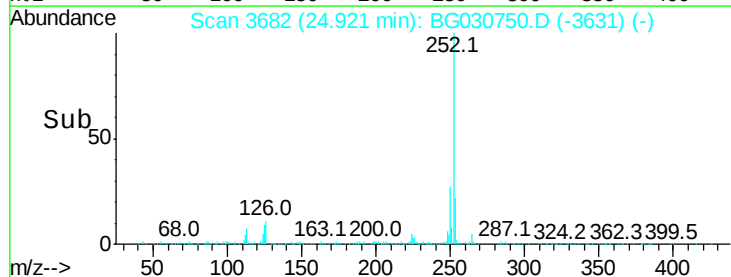
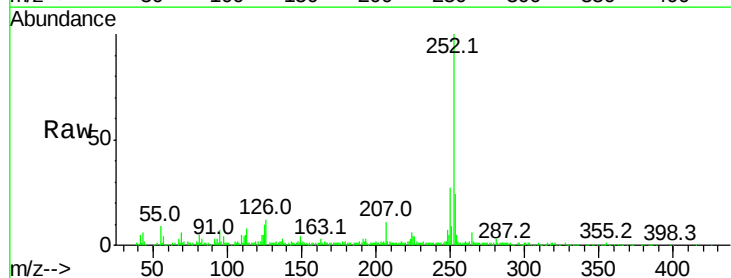
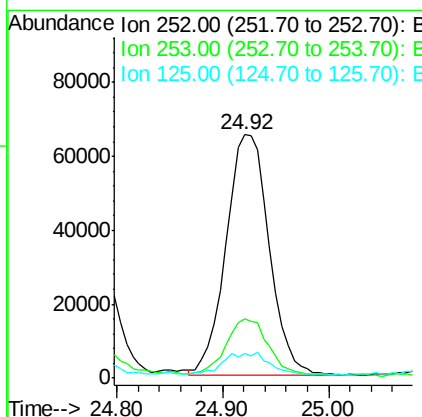
Manual Integrations
APPROVED

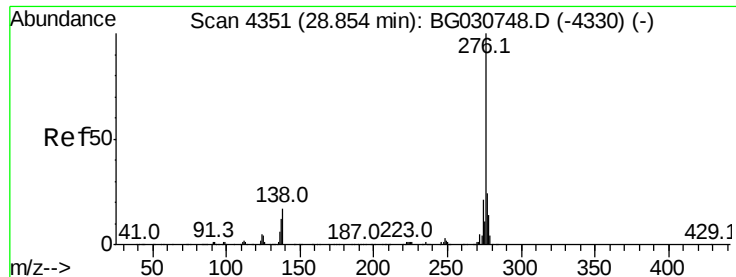
Sohil
11/6/2017 2:19:32 PM



#88
Benzo(a)pyrene
Concen: 5.001 ng/ul
RT: 24.92 min Scan# 3682
Delta R.T. -0.00 min
Lab File: BG030750.D
Acq: 5 Nov 2017 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	10.0	7.8	11.8





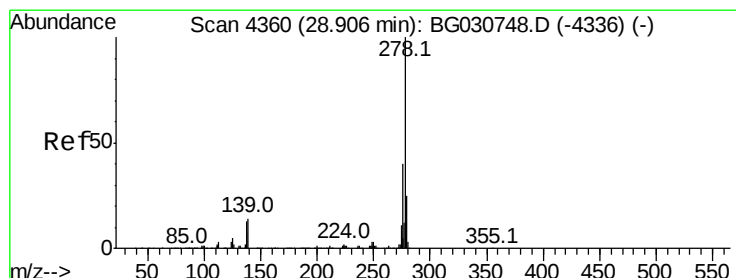
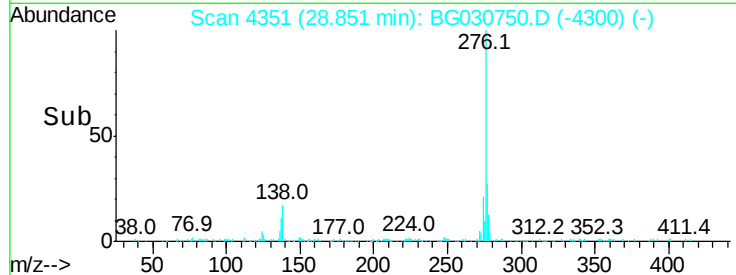
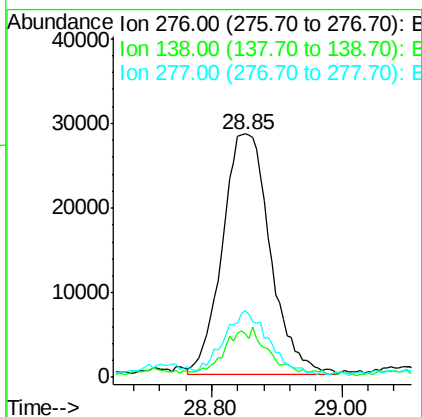
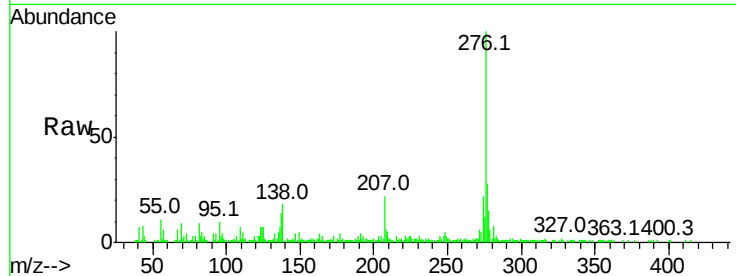
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 3.449 ng/ul
 RT: 28.85 min Scan# 4351
 Delta R.T. -0.00 min
 Lab File: BG030750.D
 Acq: 5 Nov 2017 22:29

Instrument :
 BNA_G
 ClientSampled :
 B0E81

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	13.4	20.0
277	27.7	18.6	28.0

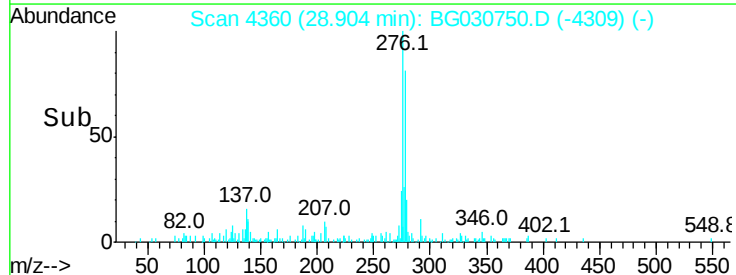
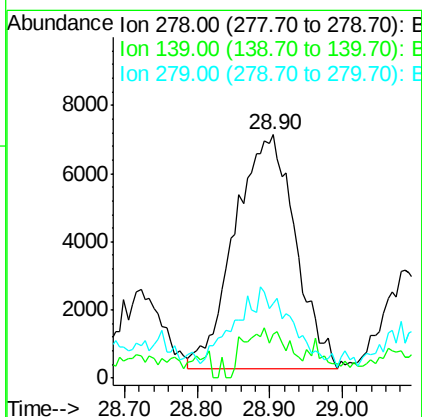
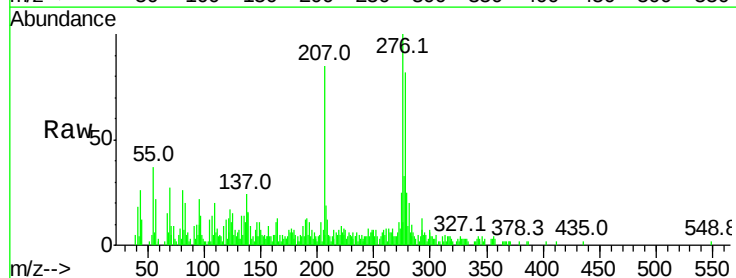
Manual Integrations
 APPROVED

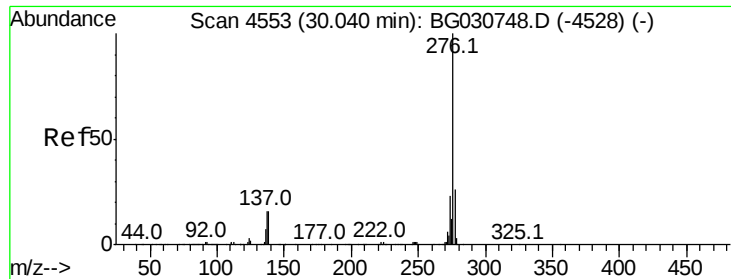
Sohil
 11/6/2017 2:19:32 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 1.158 ng/ul
 RT: 28.90 min Scan# 4360
 Delta R.T. -0.00 min
 Lab File: BG030750.D
 Acq: 5 Nov 2017 22:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	9.4	14.2#
279	30.8	18.4	27.6#





#91

Benzo(a,h,i)perylene

Concen: 3.694 ng/ul

RT: 30.03 min Scan# 4552

Delta R.T. -0.01 min

Lab File: BG030750.D

Acq: 5 Nov 2017 22:29

Instrument :

BNA_G

ClientSampleId :

B0E81

Tot Ion:	276	Resp:	127358
Ion Ratio	Lower	Upper	
276	100		
138	18.9	12.1	18.1#
277	23.9	17.7	26.5

Manual Integrations
APPROVED

Sohil
11/6/2017 2:19:32 PM

