

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110717\
 Data File : BG030811.D
 Acq On : 7 Nov 2017 17:18
 Operator : SJ/JU
 Sample : I6004-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0DX4

Manual Integrations
 APPROVED

Sohil
 11/8/2017 5:29:41 PM

Quant Time: Nov 08 01:20:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:10:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	70504	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	340775	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	230665	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	562415	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	589775	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	609636	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	6028	3.48	ng/uL	0.00
5) Phenol-d5	7.31	99	125932	18.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	70804	16.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	100490	21.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	98522	18.03	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	51292	20.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	61653	24.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	113869	19.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	90789	13.68	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	383055	19.42	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	457509	19.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	52182	14.33	ng/ul	0.00
57) Fluorene-d10	15.76	176	338693	20.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	50468	18.38	ng/ul	0.00
70) Anthracene-d10	17.61	188	510852	19.21	ng/ul	0.00
76) Pyrene-d10	19.89	212	600665	19.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	582870	20.19	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	7.34	94	35931	5.132 ng/ul	92
44) Dimethylphthalate	14.21	163	149329	7.763 ng/ul	100
47) Acenaphthylene	14.50	152	28060	1.147 ng/ul	99
69) Phenanthrene	17.56	178	245222	8.066 ng/ul	97
71) Anthracene	17.64	178	40379	1.287 ng/ul	96
74) Fluoranthene	19.55	202	497238	14.634 ng/ul	100
77) Pyrene	19.92	202	570940	14.444 ng/ul	99
80) Benzo(a)anthracene	21.77	228	295729	8.001 ng/ul	98
82) Chrysene	21.83	228	321676m	9.579 ng/ul	
85) Benzo(b)fluoranthene	24.05	252	357627	9.772 ng/ul	97
86) Benzo(k)fluoranthene	24.11	252	126238m	3.568 ng/ul	
88) Benzo(a)pyrene	24.95	252	283477	7.957 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.89	276	189705	4.707 ng/ul	98
90) Dibenzo(a,h)anthracene	28.94	278	53917	1.610 ng/ul#	93
91) Benzo(g,h,i)perylene	30.08	276	179708	5.379 ng/ul	95

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

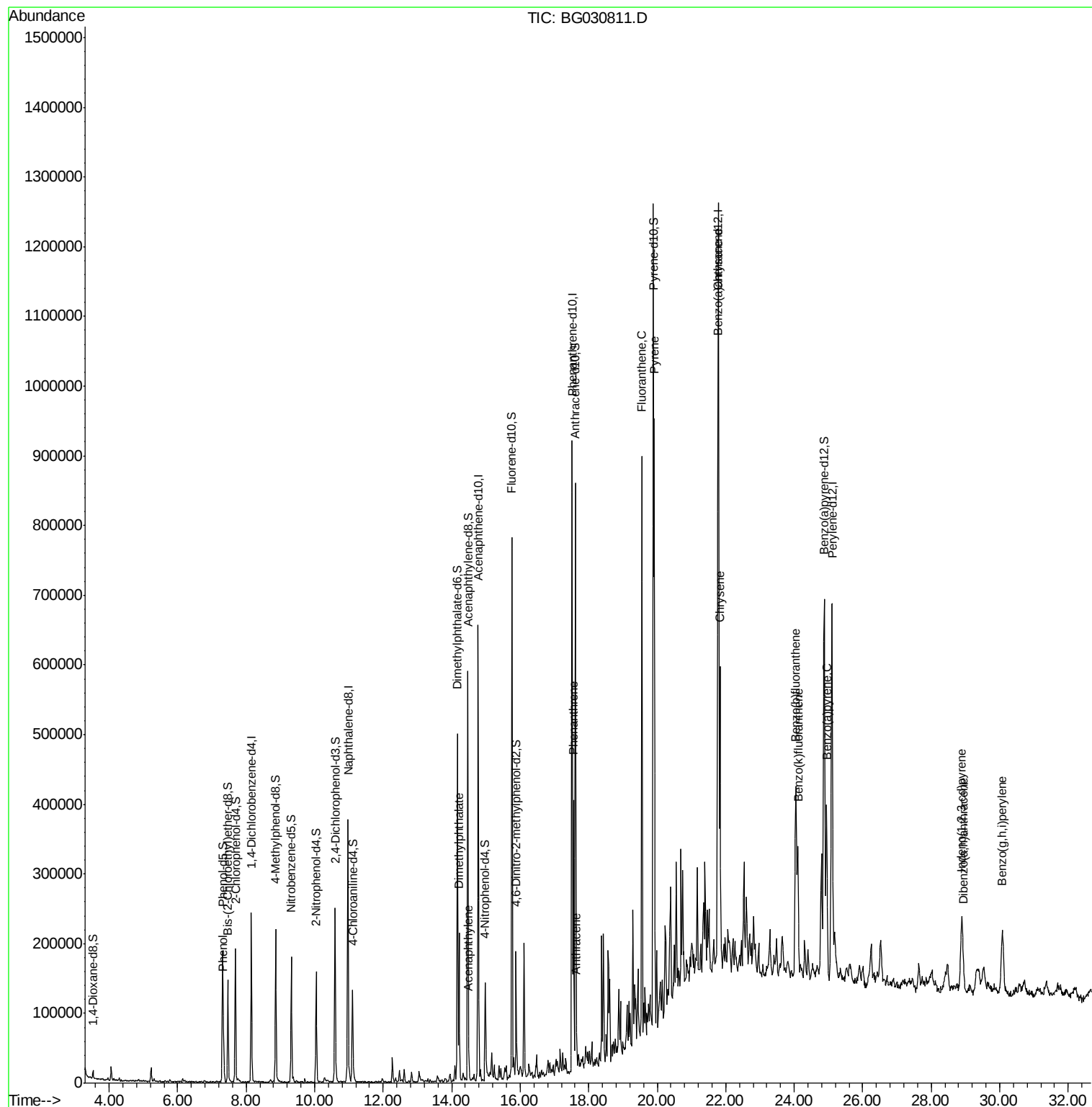
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110717\
Data File : BG030811.D
Acq On : 7 Nov 2017 17:18
Operator : SJ/JU
Sample : I6004-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

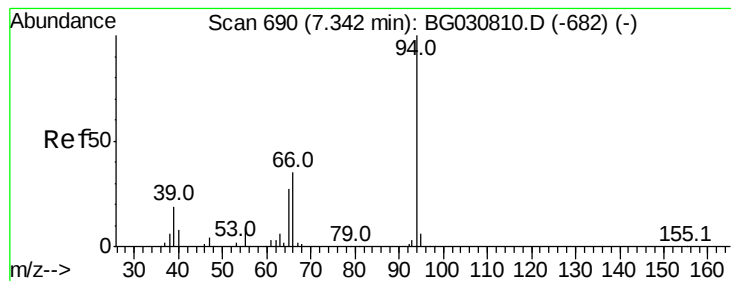
Instrument :
BNA_G
ClientSampled :
B0DX4

Manual Integrations
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11/8/2017 5:29:41 PM

Quant Time: Nov 08 01:20:52 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:10:22 2017
Response via : Initial Calibration





#6

Phenol

Concen: 5.132 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030811.D

Acq: 7 Nov 2017 17:18

Instrument :

BNA_G

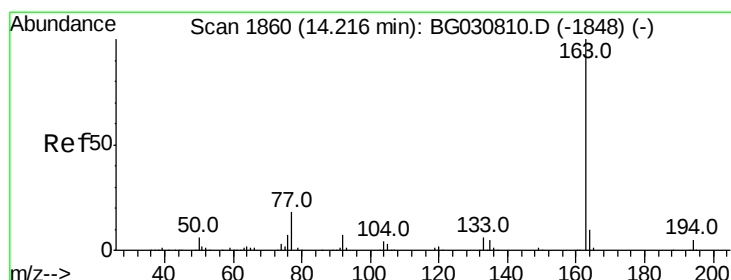
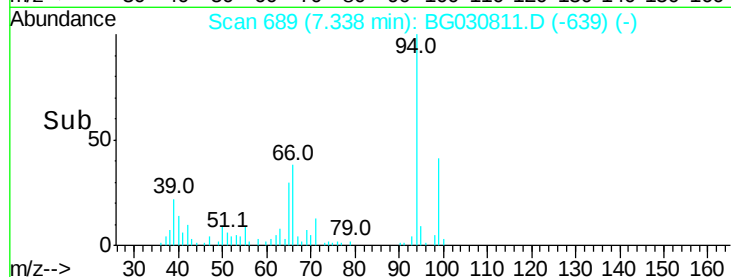
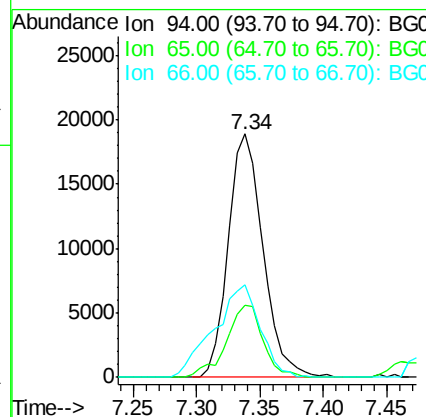
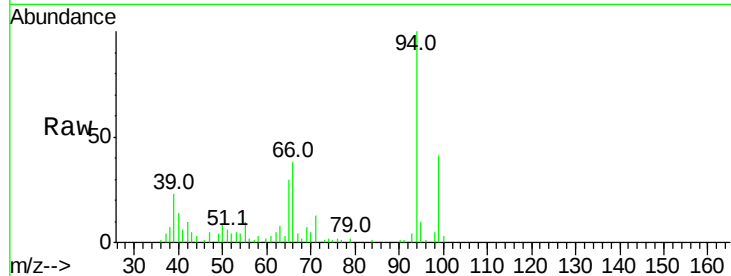
ClientSampled :

B0DX4

Tot Ion:	94	Resp:	35931
Ion Ratio	Lower	Upper	
94	100		
65	29.6	27.1	40.7
66	38.0	34.6	52.0

Manual Integrations
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#44

Dimethylphthalate

Concen: 7.763 ng/ul

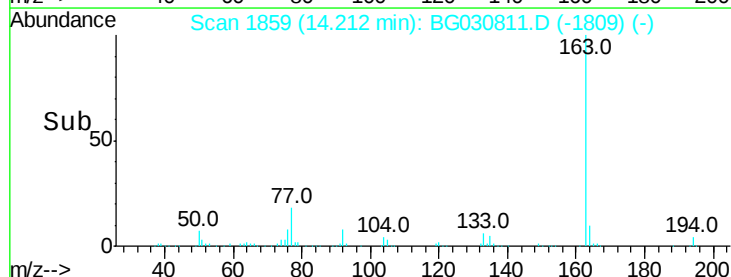
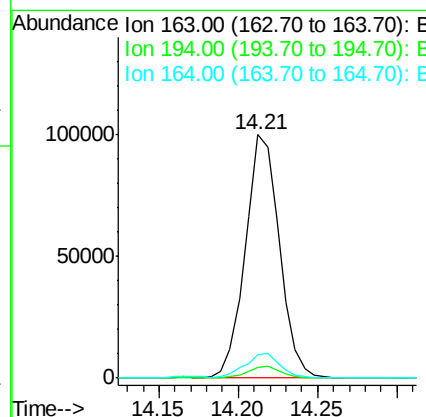
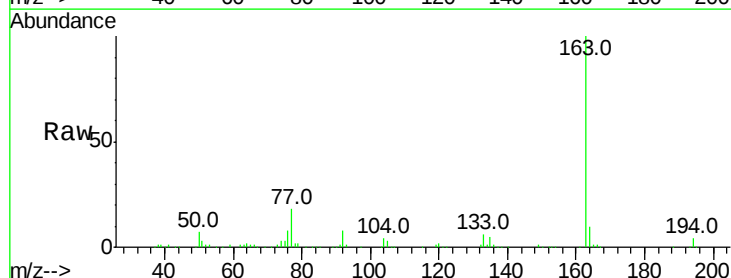
RT: 14.21 min Scan# 1859

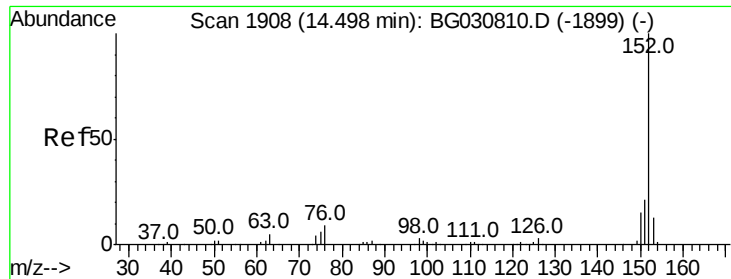
Delta R.T. -0.00 min

Lab File: BG030811.D

Acq: 7 Nov 2017 17:18

Tgt Ion:	163	Resp:	149329
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	9.6	7.6	11.4





#47

Acenaphthylene

Concen: 1.147 ng/ul

RT: 14.50 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BG030811.D

Acq: 7 Nov 2017 17:18

Instrument :

BNA_G

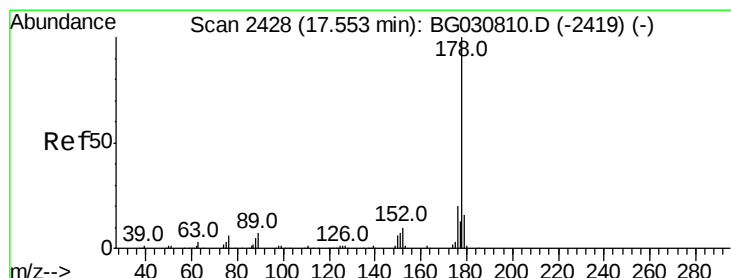
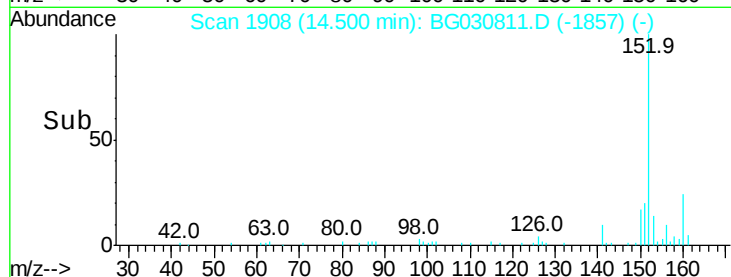
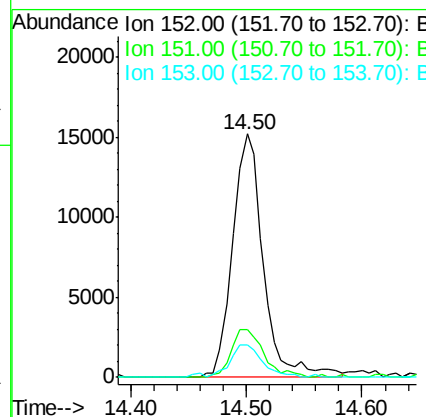
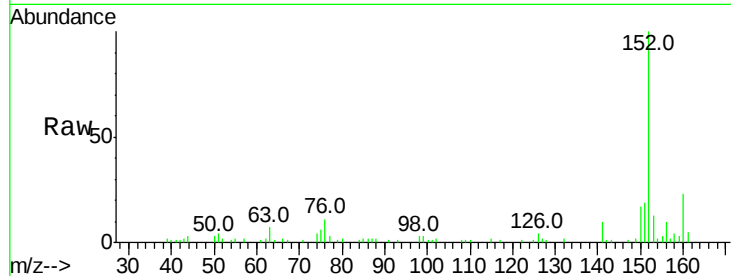
ClientSampleId :

B0DX4

Tot Ion:	152	Resp:	28060
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.2	22.8
153	13.5	10.2	15.4

Manual Integrations
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#69

Phenanthrene

Concen: 8.066 ng/ul

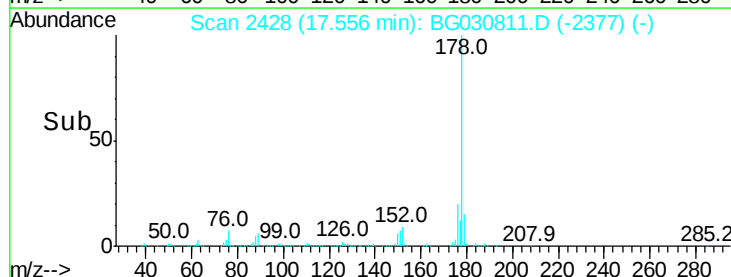
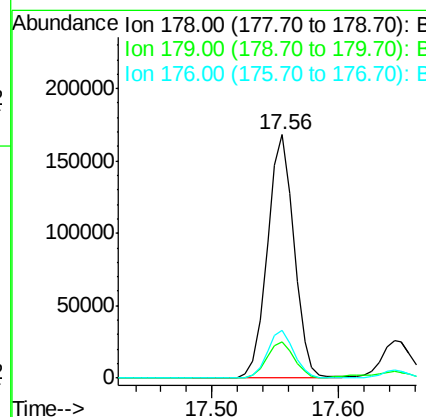
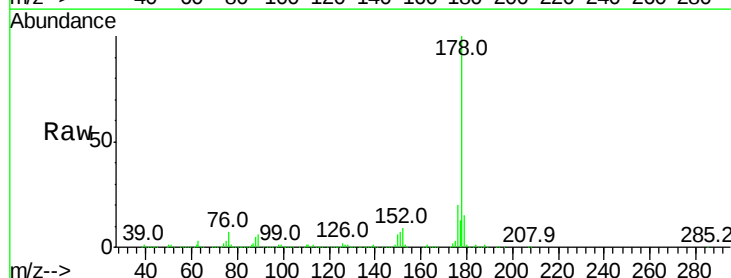
RT: 17.56 min Scan# 2428

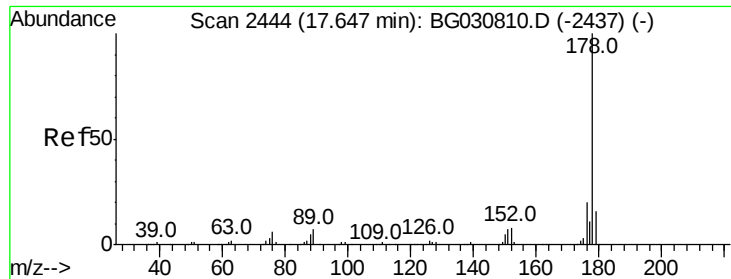
Delta R.T. 0.00 min

Lab File: BG030811.D

Acq: 7 Nov 2017 17:18

Tgt Ion:	178	Resp:	245222
Ion Ratio	Lower	Upper	
178	100		
179	14.7	13.0	19.6
176	19.8	15.3	22.9





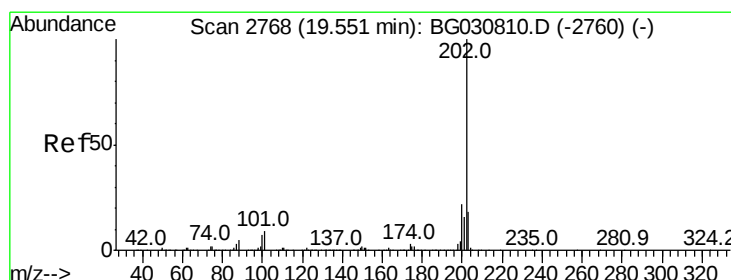
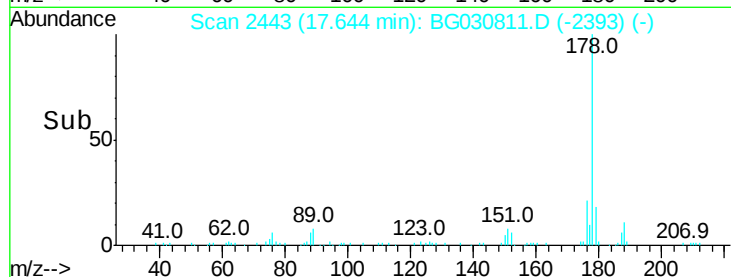
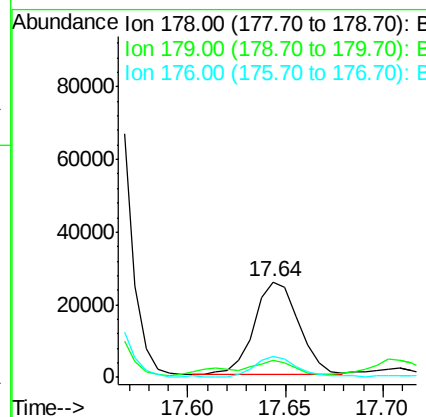
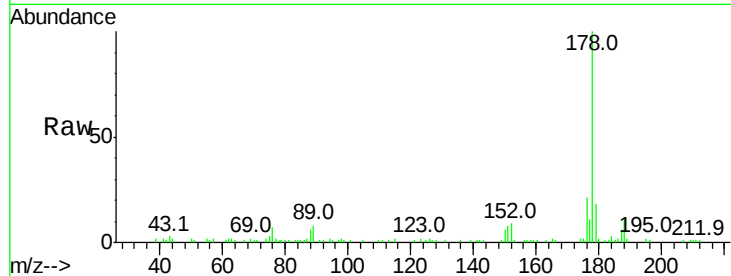
#71
 Anthracene
 Concen: 1.287 ng/ul
 RT: 17.64 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG030811.D
 Acq: 7 Nov 2017 17:18

Instrument :
 BNA_G
 ClientSampleId :
 B0DX4

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.2	19.8
176	21.3	16.0	24.0

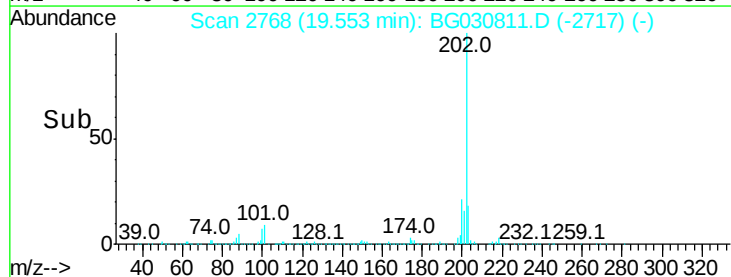
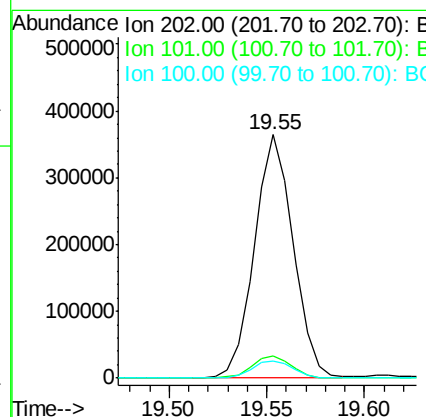
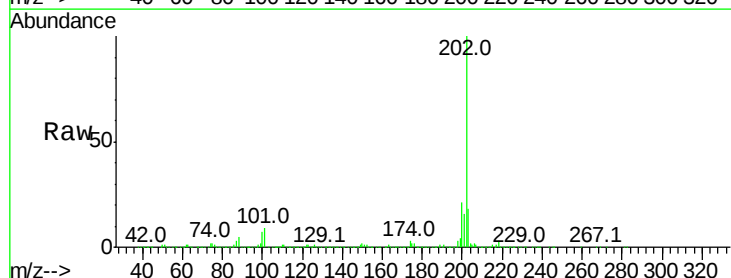
Manual Integrations
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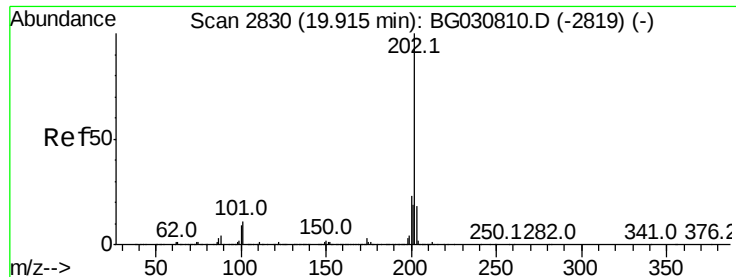
Sohil
 11/8/2017 5:29:41 PM



#74
 Fluoranthene
 Concen: 14.634 ng/ul
 RT: 19.55 min Scan# 2768
 Delta R.T. 0.00 min
 Lab File: BG030811.D
 Acq: 7 Nov 2017 17:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.4	11.2
100	7.2	5.6	8.4





#77

Pvrene

Concen: 14.444 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG030811.D

Acq: 7 Nov 2017 17:18

Instrument :

BNA_G

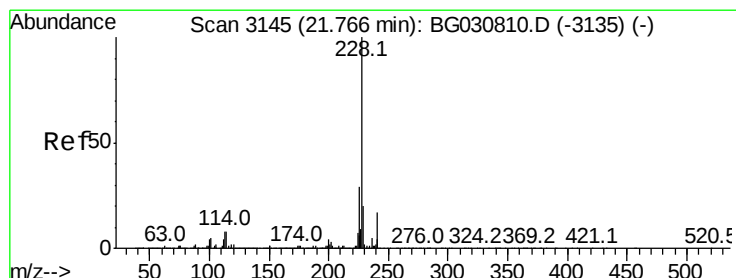
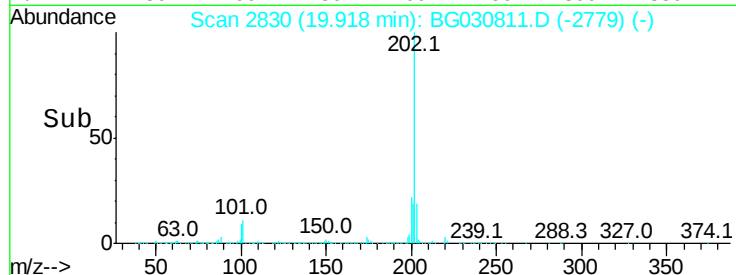
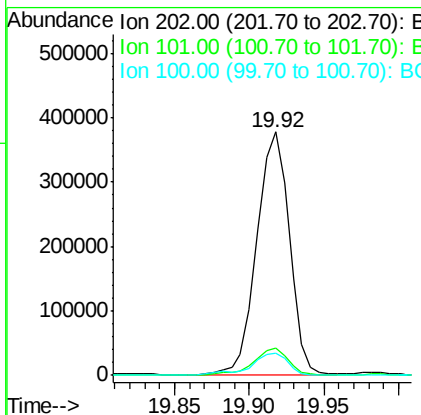
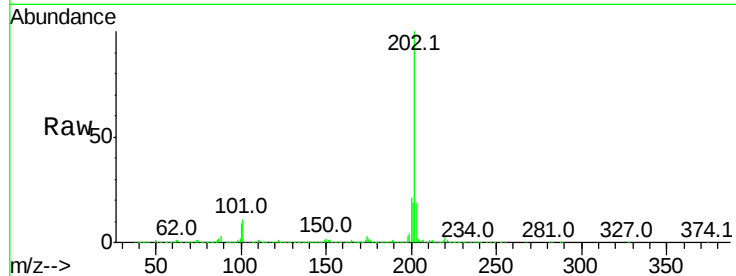
ClientSampled :

B0DX4

Tot Ion:	202	Resp:	570940
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.4	12.6
100	9.1	7.0	10.6

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 8.001 ng/ul

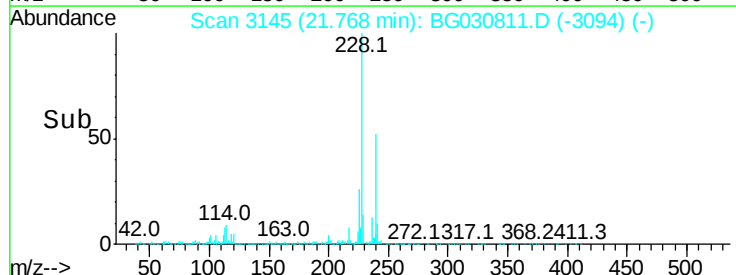
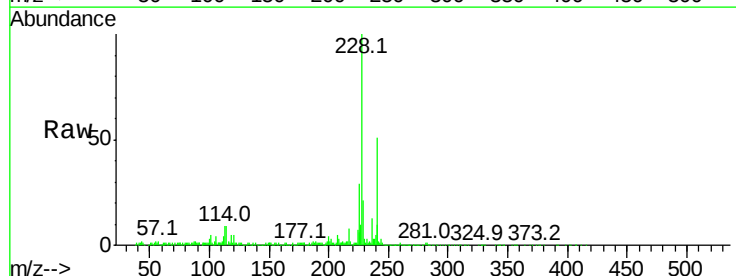
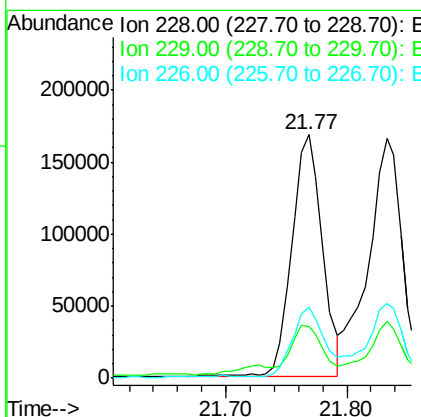
RT: 21.77 min Scan# 3145

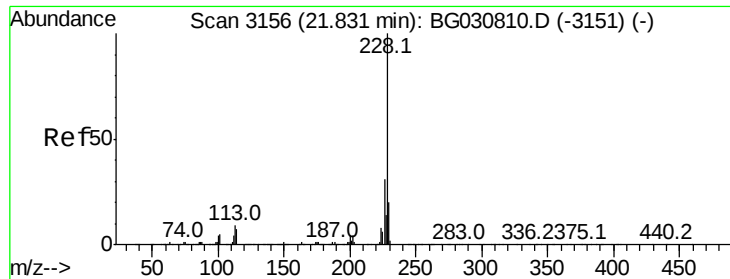
Delta R.T. 0.00 min

Lab File: BG030811.D

Acq: 7 Nov 2017 17:18

Tgt Ion:	228	Resp:	295729
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.2	24.4
226	29.0	22.2	33.2





#82

Chrysene

Concen: 9.579 ng/ul m

RT: 21.83 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG030811.D

Acq: 7 Nov 2017 17:18

Instrument :

BNA_G

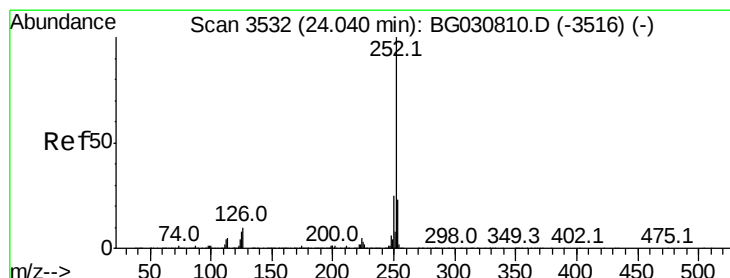
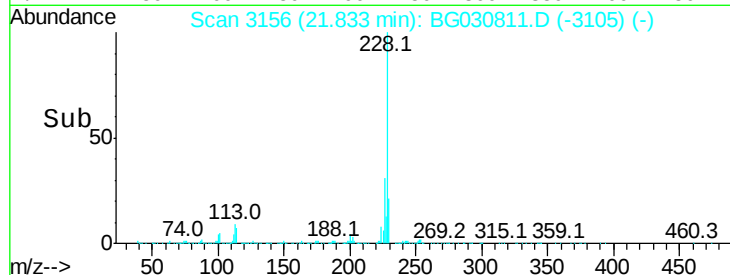
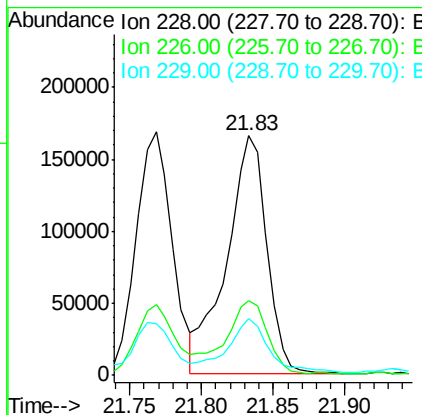
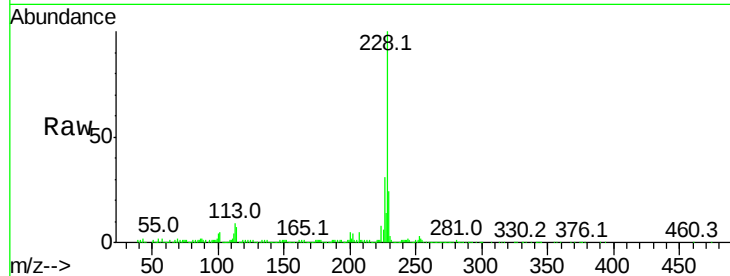
ClientSampleId :

B0DX4

Tot Ion:	228	Resp:	321676
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.2	36.2
229	23.8	15.2	22.8#

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 9.772 ng/ul

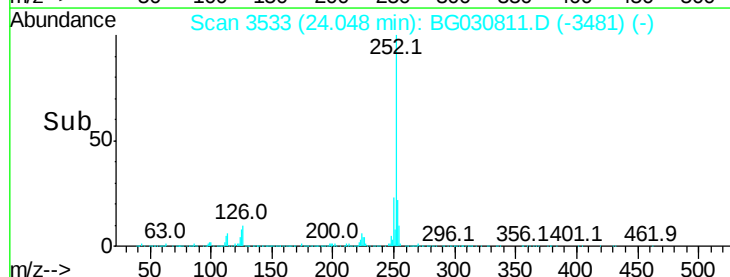
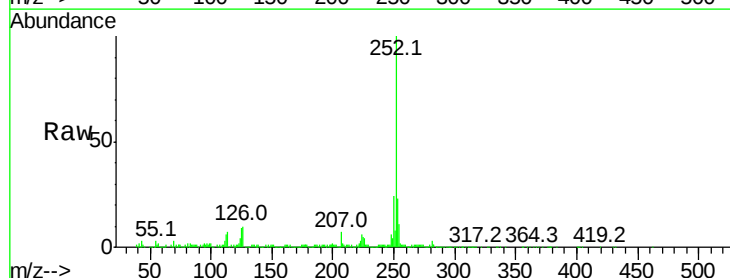
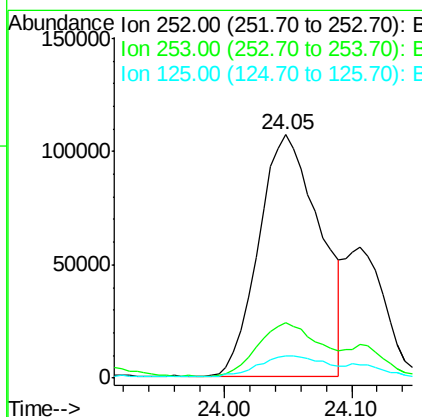
RT: 24.05 min Scan# 3533

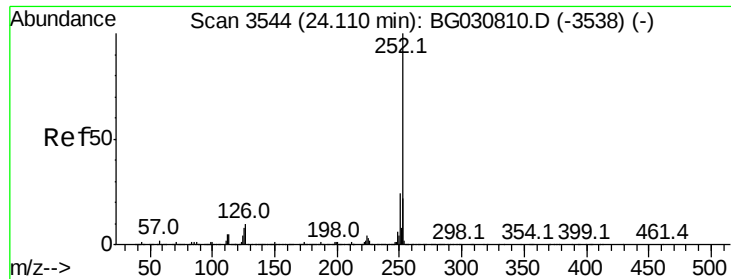
Delta R.T. 0.01 min

Lab File: BG030811.D

Acq: 7 Nov 2017 17:18

Tgt Ion:	252	Resp:	357627
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.4
125	8.9	7.5	11.3





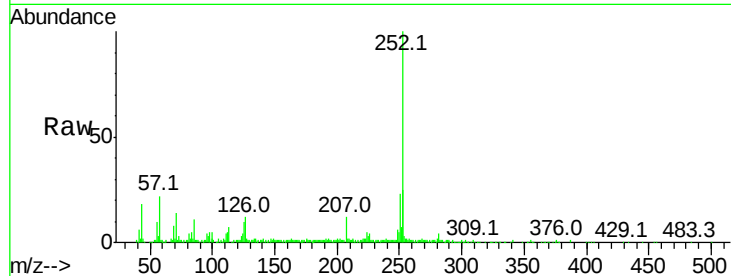
#86
Benzo(k)fluoranthene
Concen: 3.568 ng/ul m
RT: 24.11 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG030811.D
Acq: 7 Nov 2017 17:18

Instrument :
BNA_G
ClientSampleId :
B0DX4

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.2	25.8
125	9.9	7.8	11.8

Manual Integrations
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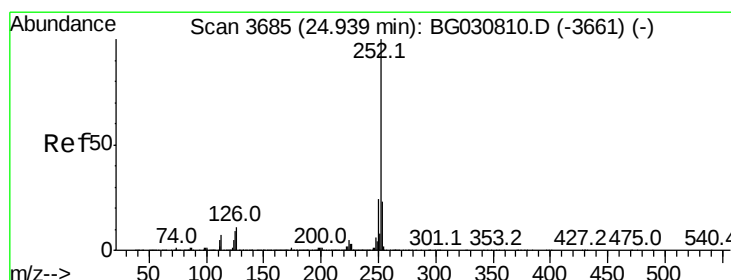
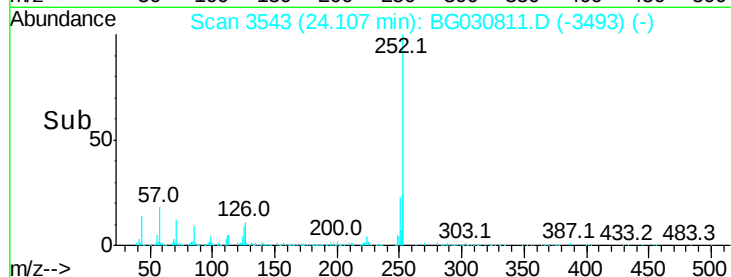
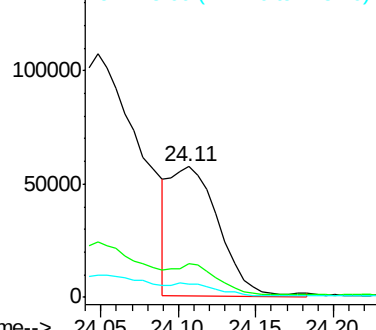


Abundance

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



#88
Benzo(a)pyrene
Concen: 7.957 ng/ul
RT: 24.95 min Scan# 3686
Delta R.T. 0.01 min
Lab File: BG030811.D
Acq: 7 Nov 2017 17:18

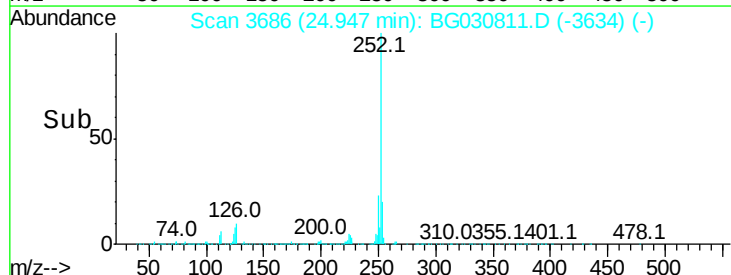
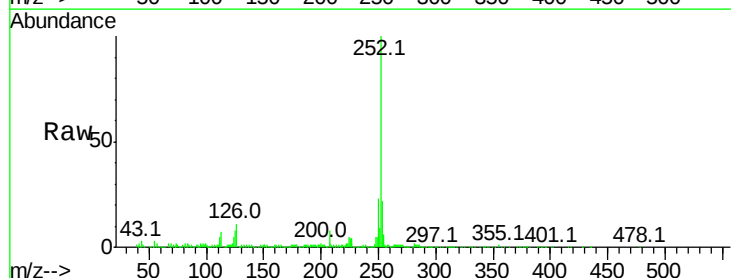
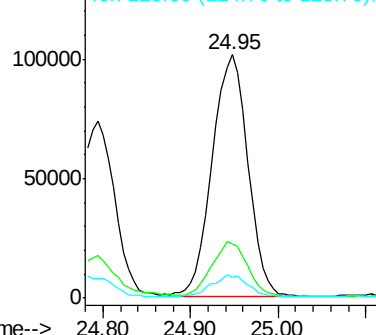
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	8.5	7.8	11.8

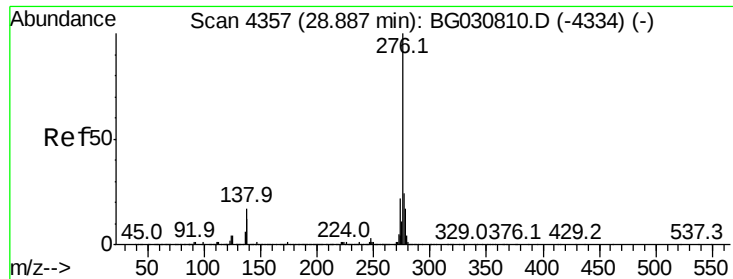
Abundance

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

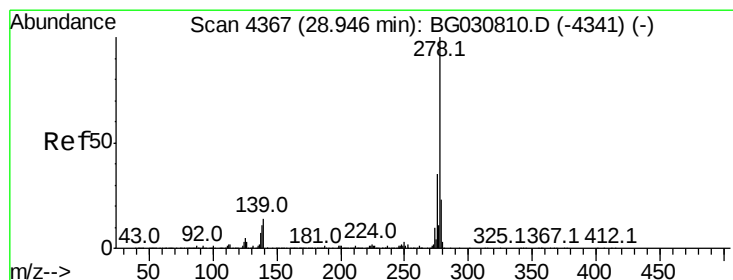
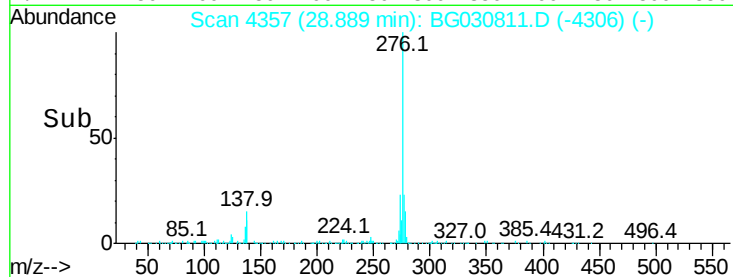
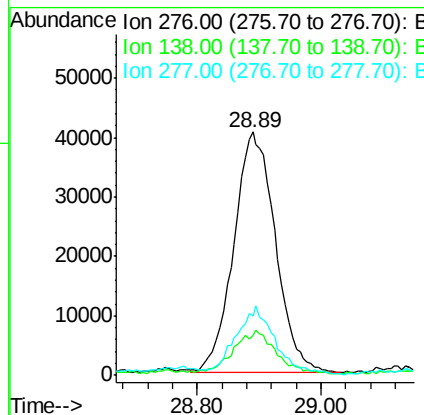
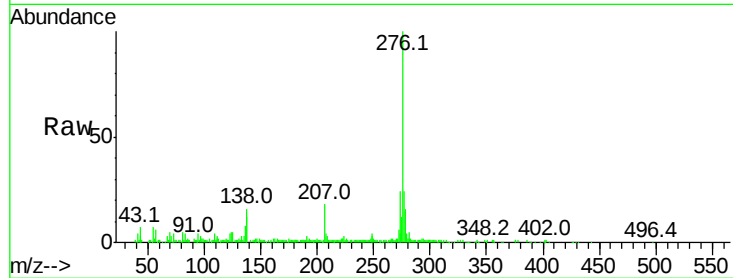
Indeno(1,2,3-cd)pyrene
Concen: 4.707 ng/ul
RT: 28.89 min Scan# 4357
Delta R.T. 0.00 min
Lab File: BG030811.D
Acq: 7 Nov 2017 17:18

Instrument :
BNA_G
ClientSampled :
B0DX4

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.4	20.0
277	24.4	18.6	28.0

Manual Integrations
APPROVED

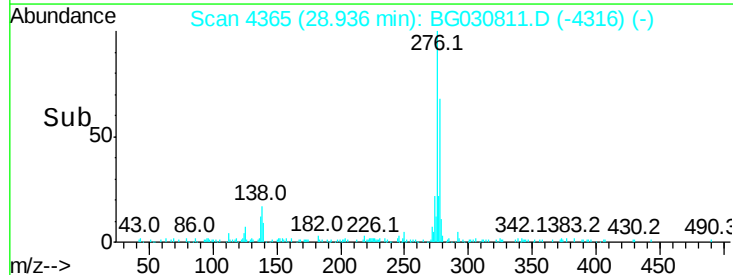
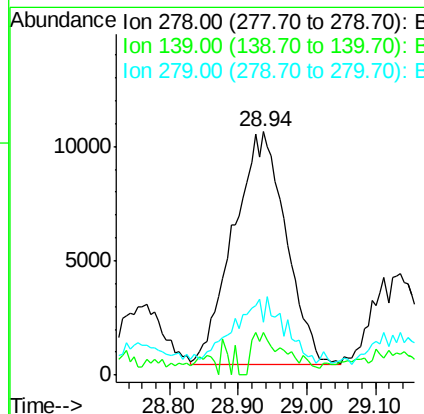
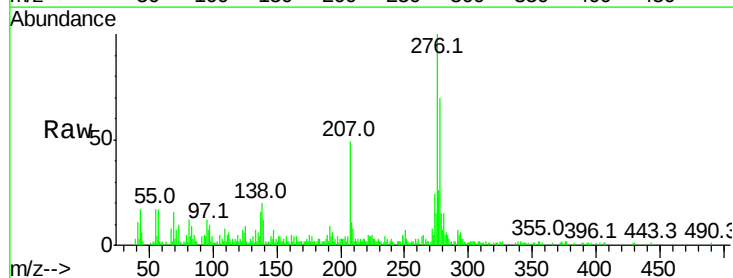
Sohil
11/8/2017 5:29:41 PM

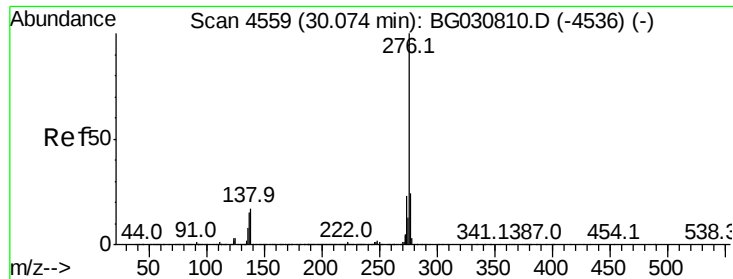


#90

Dibenzo(a,h)anthracene
Concen: 1.610 ng/ul
RT: 28.94 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG030811.D
Acq: 7 Nov 2017 17:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	9.4	14.2#
279	21.7	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 5.379 ng/ul

RT: 30.08 min Scan# 4559

Delta R.T. 0.00 min

Lab File: BG030811.D

Acq: 7 Nov 2017 17:18

Instrument :

BNA_G

ClientSampleId :

B0DX4

Tot Ion:	276	Resp:	179708
Ion Ratio	Lower	Upper	
276	100		
138	16.5	12.1	18.1
277	24.9	17.7	26.5

Manual Integrations
APPROVED

Sohil
11/8/2017 5:29:41 PM

