

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
 Data File : BG030594.D
 Acq On : 31 Oct 2017 1:01
 Operator : SJ/JU
 Sample : I5842-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA1

Manual Integrations
 APPROVED

Sohil
 10/31/2017 7:43:53 PM

Quant Time: Oct 31 07:43:42 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 07:15:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	81459	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	398397	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	253029	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	551333	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	595721	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	587143	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	7763	3.87	ng/uL	0.00
5) Phenol-d5	7.31	99	187562	23.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	104027	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	149201	27.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	139609	22.11	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	75241	26.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	93641	31.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	181910	27.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	20023	2.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	553727	25.60	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	697281	26.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	83067	20.80	ng/ul	0.00
57) Fluorene-d10	15.76	176	497161	28.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	83827	31.15	ng/ul	0.00
70) Anthracene-d10	17.61	188	677101	25.97	ng/ul	0.00
76) Pyrene-d10	19.89	212	825781	26.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	771948	27.76	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.34	94	35256	4.358 ng/ul	92
44) Dimethylphthalate	14.22	163	61958	2.936 ng/ul	97
69) Phenanthrene	17.55	178	127439	4.276 ng/ul	98
74) Fluoranthene	19.56	202	374381	11.239 ng/ul	99
77) Pyrene	19.92	202	312023	7.815 ng/ul	97
80) Benzo(a)anthracene	21.77	228	163309	4.374 ng/ul	98
82) Chrysene	21.84	228	184411	5.436 ng/ul	96
85) Benzo(b)fluoranthene	24.05	252	259453	7.361 ng/ul	98
86) Benzo(k)fluoranthene	24.11	252	101374m	2.975 ng/ul	
88) Benzo(a)pyrene	24.95	252	165700	4.829 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.88	276	129388	3.333 ng/ul	98
90) Dibenzo(a,h)anthracene	28.92	278	32930	1.021 ng/ul#	84
91) Benzo(g,h,i)perylene	30.09	276	106444	3.308 ng/ul	98

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

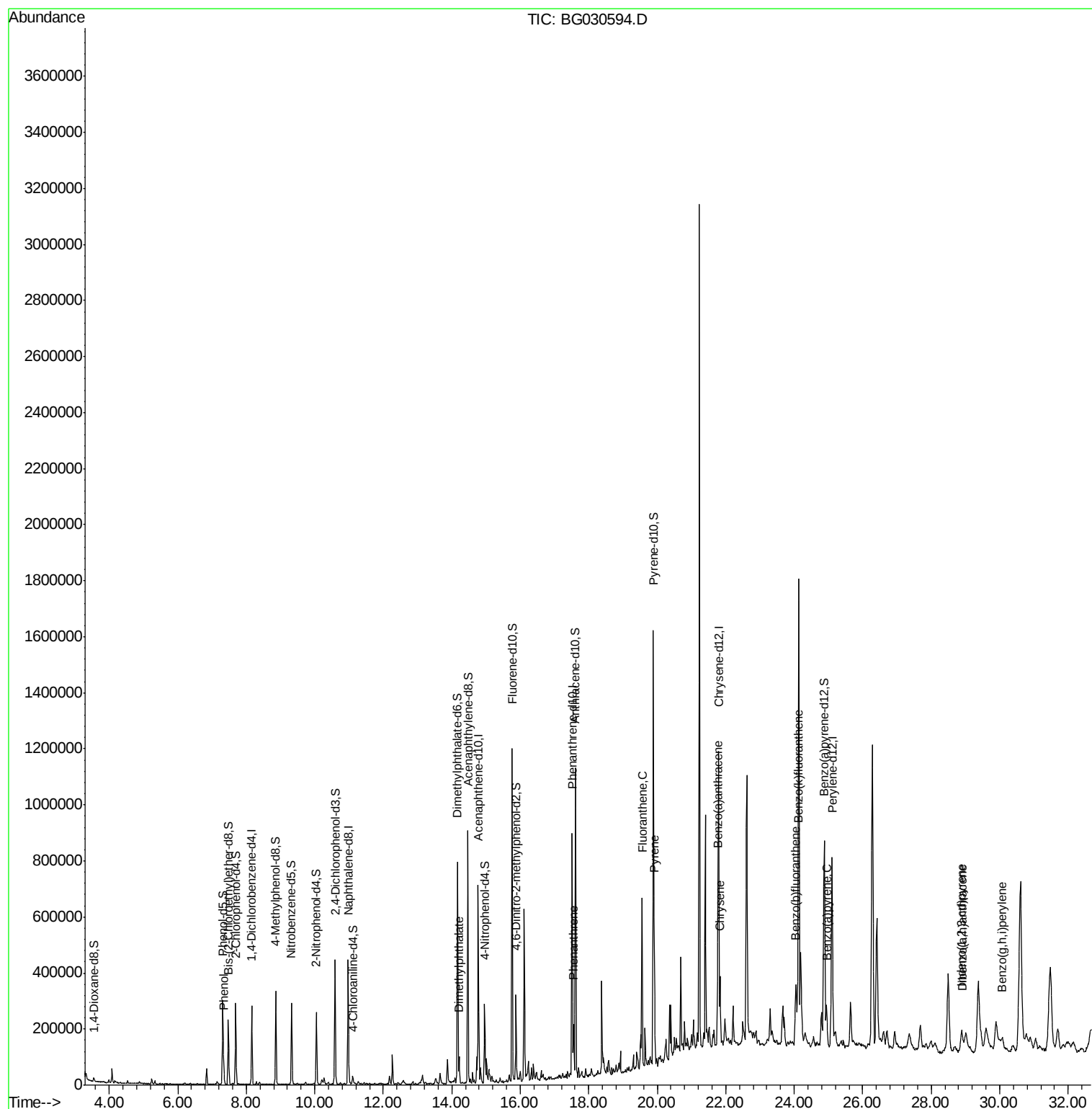
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030594.D
Acq On : 31 Oct 2017 1:01
Operator : SJ/JU
Sample : I5842-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

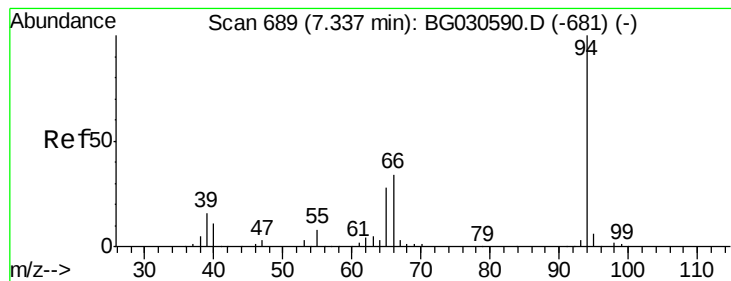
Instrument :
BNA_G
ClientSampleId :
C0AA1

Manual Integrations
APPROVED

Sohil
10/31/2017 7:43:53 PM

Quant Time: Oct 31 07:43:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 07:15:18 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.358 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Instrument :

BNA_G

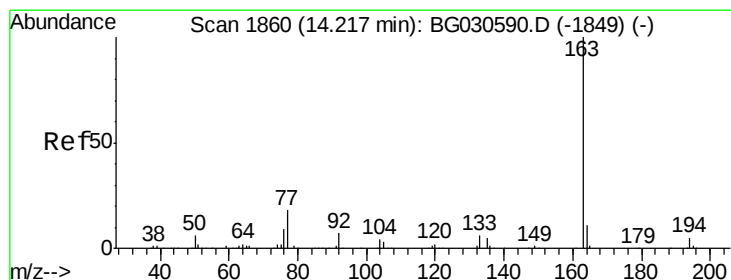
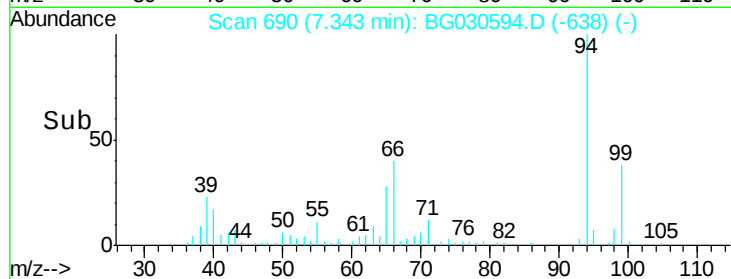
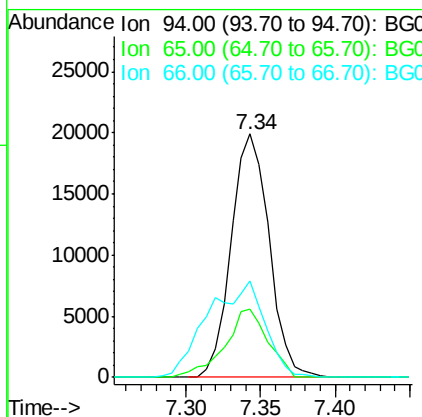
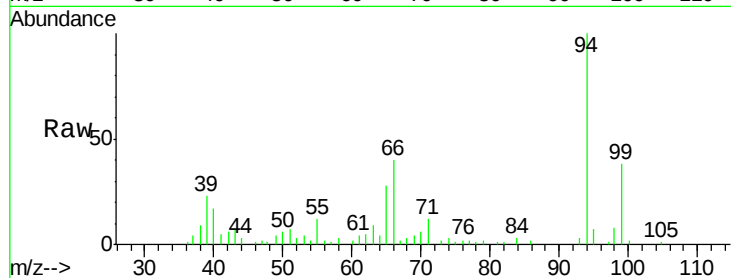
ClientSampleId :

C0AA1

Tgt Ion:	94	Resp:	35256
Ion Ratio	Lower	Upper	
94	100		
65	27.9	27.1	40.7
66	39.6	34.6	52.0

Manual Integrations
APPROVED

Sohil
10/31/2017 7:43:53 PM



#44

Dimethylphthalate

Concen: 2.936 ng/ul

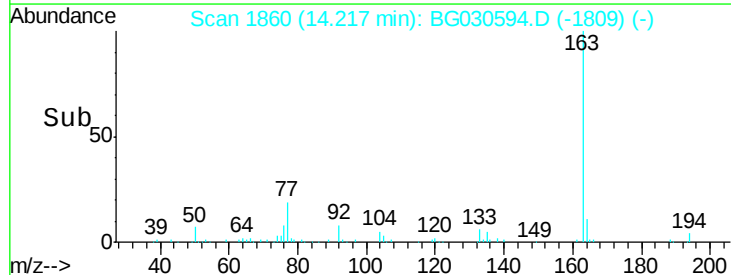
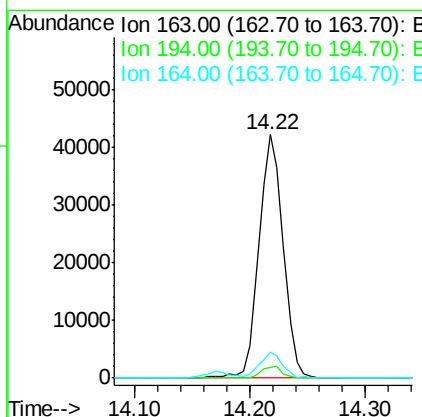
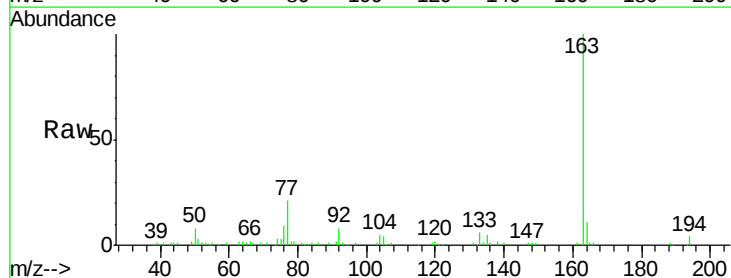
RT: 14.22 min Scan# 1860

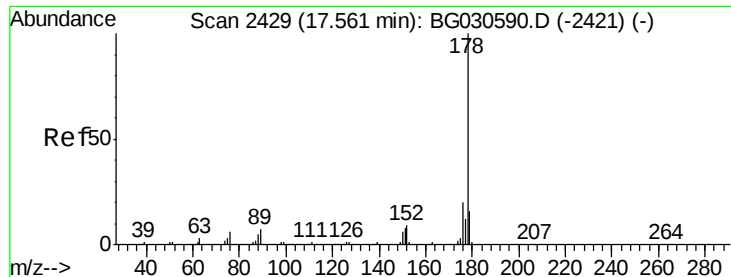
Delta R.T. -0.00 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Tgt Ion:	163	Resp:	61958
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.8	7.6	11.4





#69

Phenanthrene

Concen: 4.276 ng/ul

RT: 17.55 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Instrument :

BNA_G

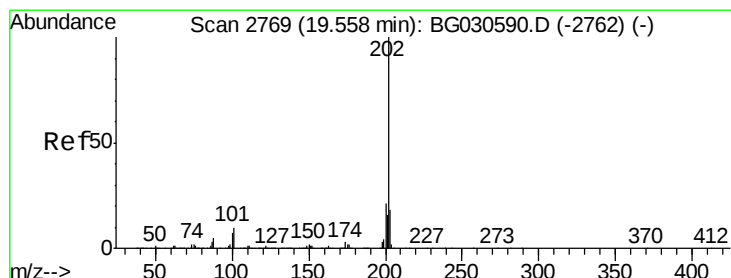
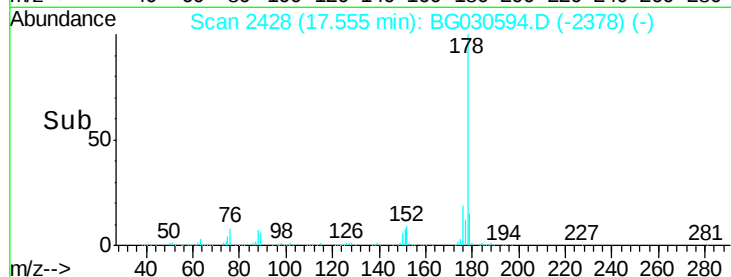
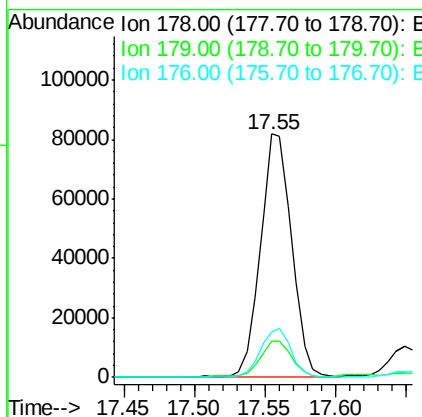
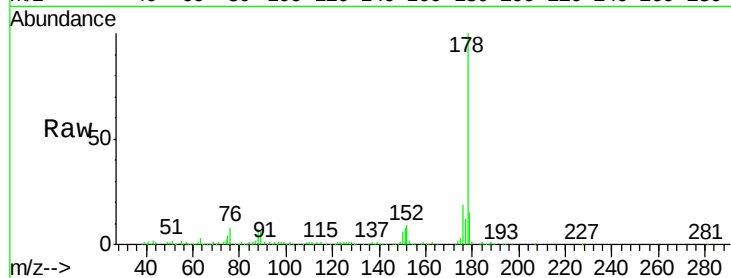
ClientSampleId :

C0AA1

Tgt Ion:	178	Resp:	127439
Ion Ratio	Lower	Upper	
178	100		
179	15.1	13.0	19.6
176	18.6	15.3	22.9

Manual Integrations
APPROVED

Sohil
10/31/2017 7:43:53 PM



#74

Fluoranthene

Concen: 11.239 ng/ul

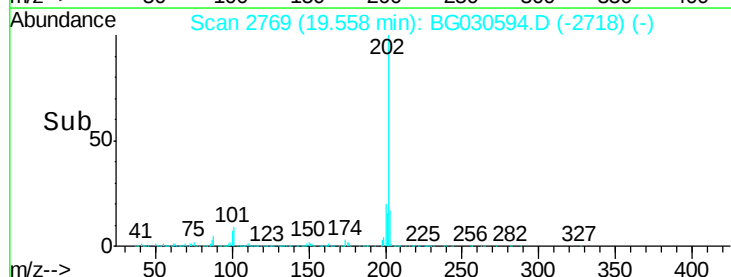
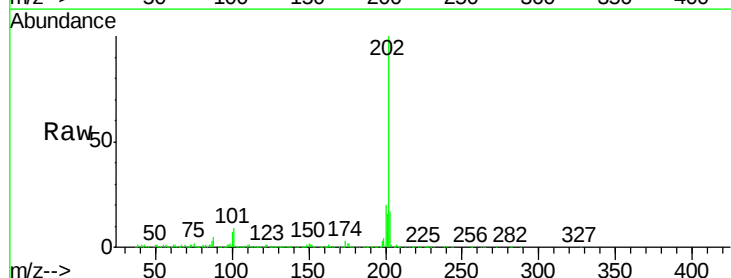
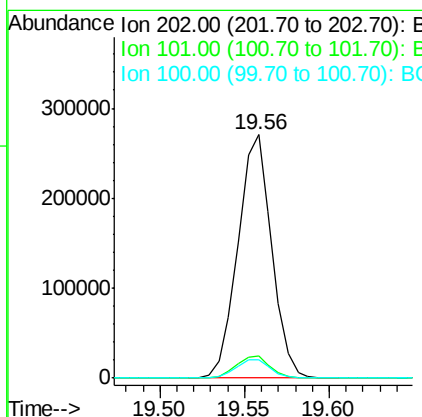
RT: 19.56 min Scan# 2769

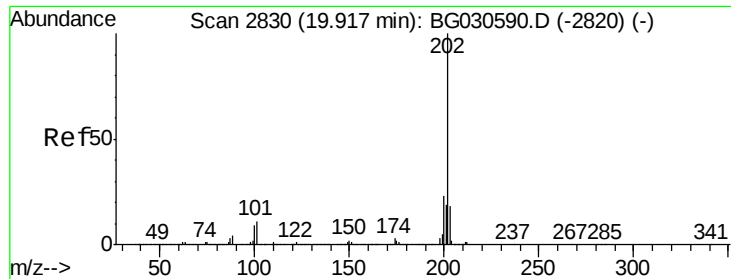
Delta R.T. -0.00 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Tgt Ion:	202	Resp:	374381
Ion Ratio	Lower	Upper	
202	100		
101	9.0	7.4	11.2
100	7.3	5.6	8.4





#77

Pyrene

Concen: 7.815 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Instrument :

BNA_G

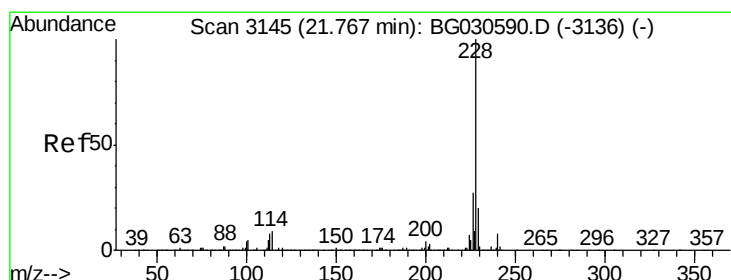
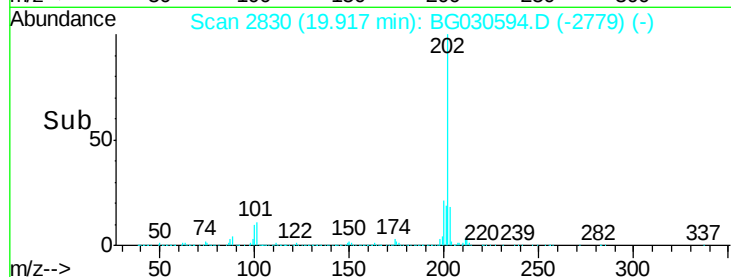
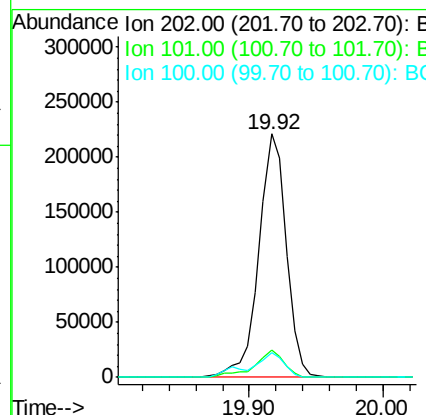
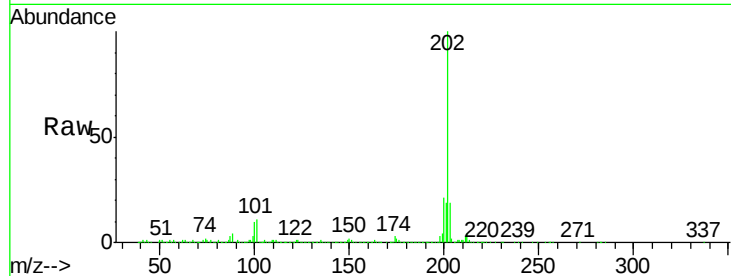
ClientSampleId :

C0AA1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	8.4	12.6
100	10.2	7.0	10.6

Manual Integrations
APPROVED

Sohil
10/31/2017 7:43:53 PM



#80

Benzo(a)anthracene

Concen: 4.374 ng/ul

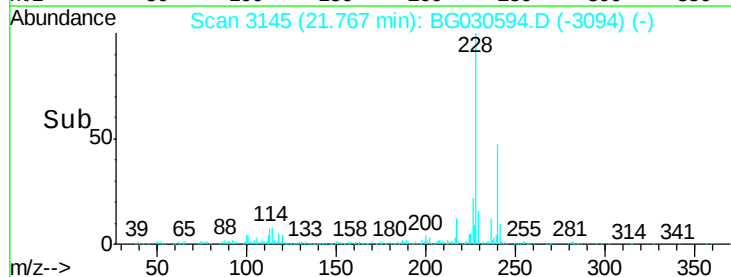
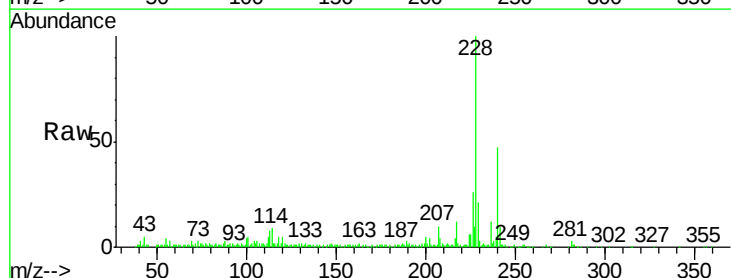
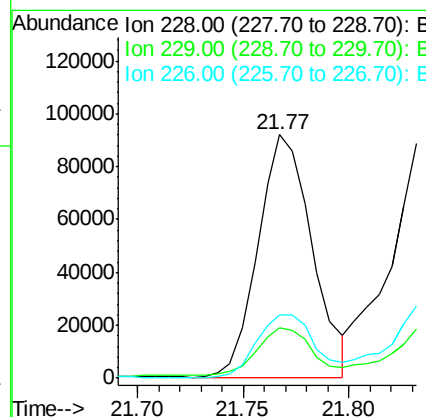
RT: 21.77 min Scan# 3145

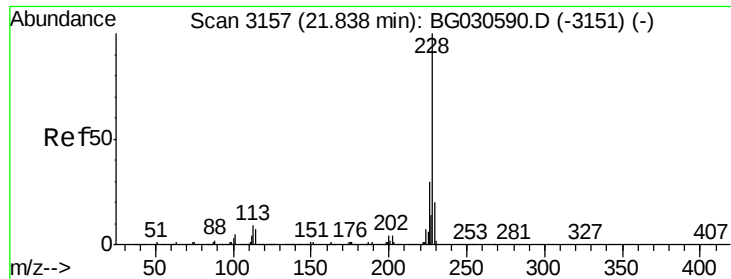
Delta R.T. -0.00 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.8	16.2	24.4
226	26.0	22.2	33.2





#82

Chrysene

Concen: 5.436 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Instrument :

BNA_G

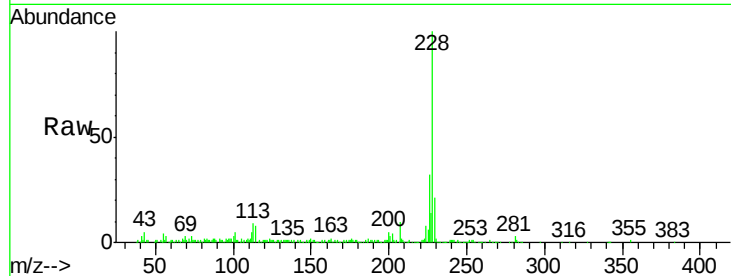
ClientSampleId :

C0AA1

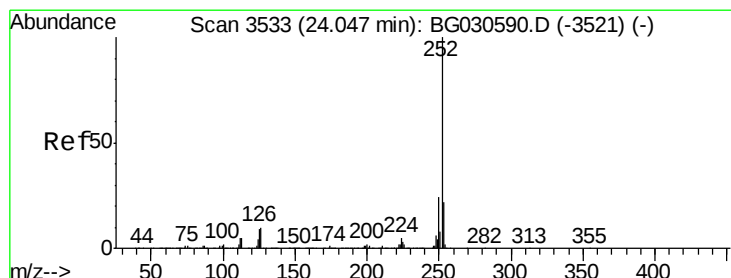
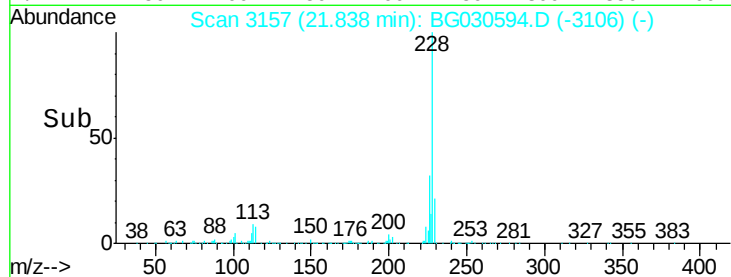
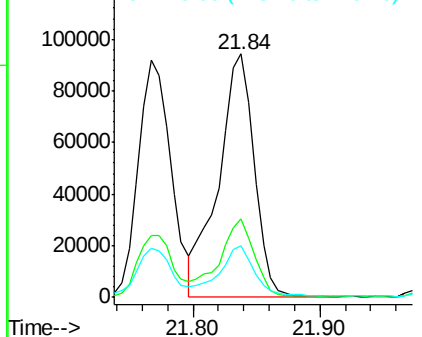
Tgt Ion:	228	Resp:	184411
Ion Ratio		Lower	Upper
228	100		
226	32.1	24.2	36.2
229	21.4	15.2	22.8

Manual Integrations
APPROVED

Sohil
10/31/2017 7:43:53 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 7.361 ng/ul

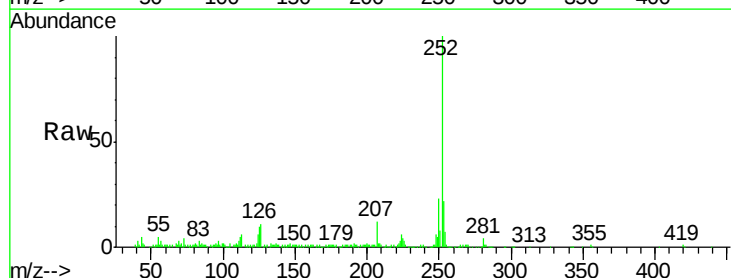
RT: 24.05 min Scan# 3533

Delta R.T. -0.00 min

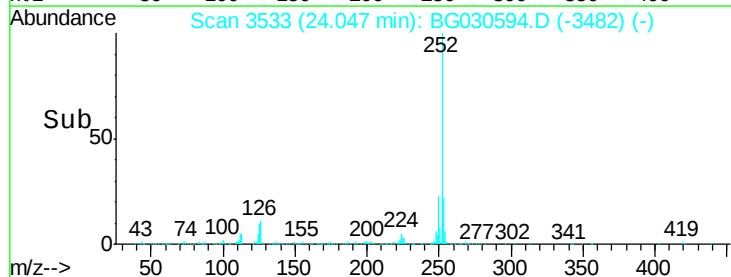
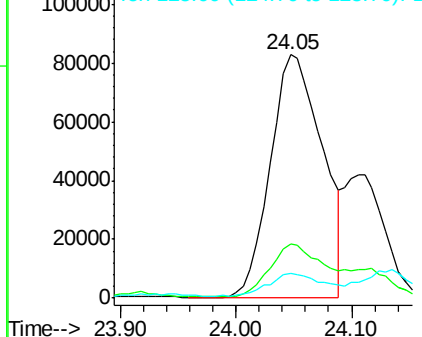
Lab File: BG030594.D

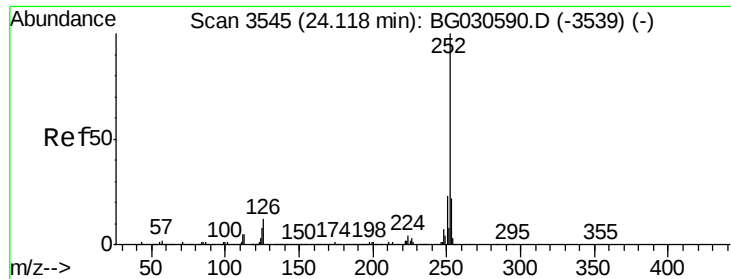
Acq: 31 Oct 2017 1:01

Tgt Ion:	252	Resp:	259453
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.0	25.4
125	10.3	7.5	11.3



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





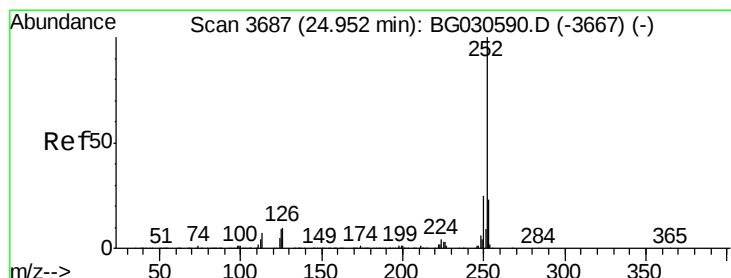
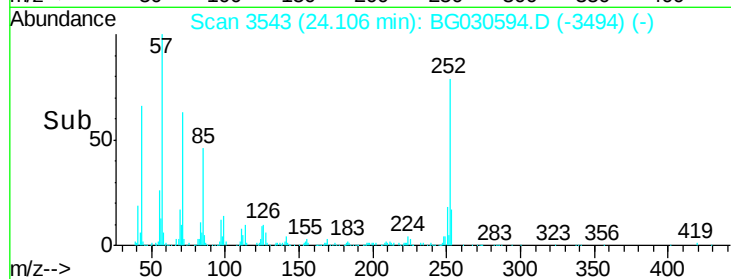
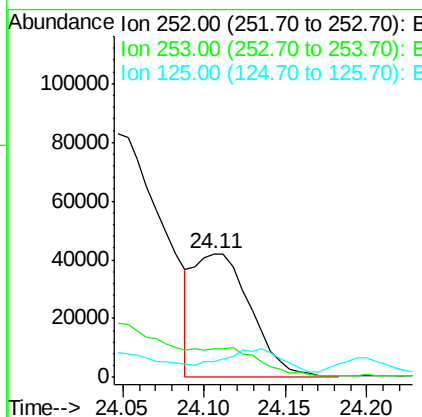
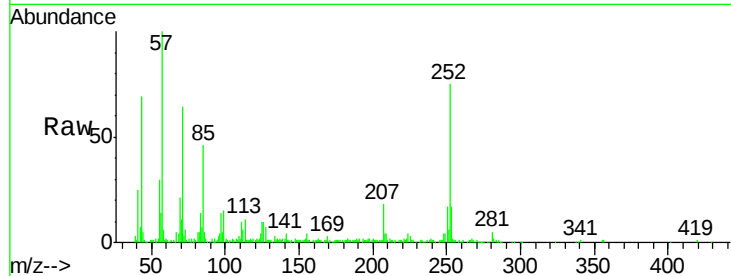
#86
Benzo(k)fluoranthene
Concen: 2.975 ng/ul m
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG030594.D
Acq: 31 Oct 2017 1:01

Instrument :
BNA_G
ClientSampled :
C0AA1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	13.1	7.8	11.8

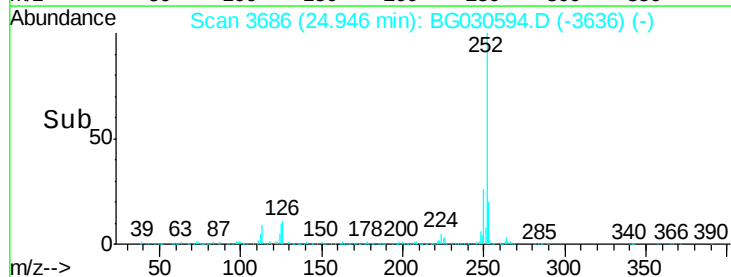
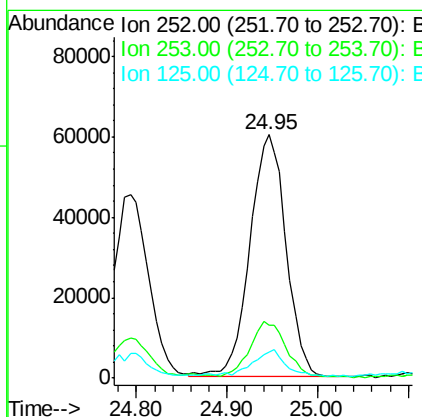
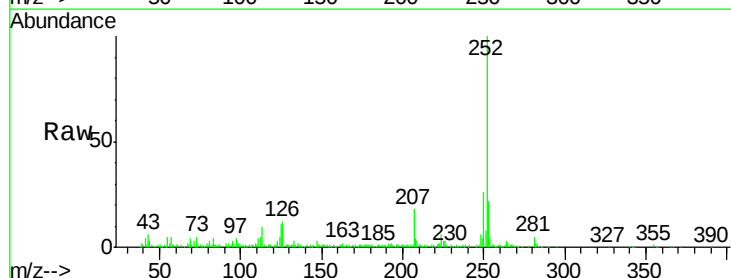
Manual Integrations
APPROVED

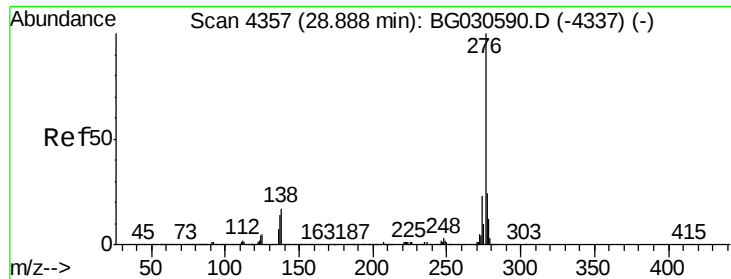
Sohil
10/31/2017 7:43:53 PM



#88
Benzo(a)pyrene
Concen: 4.829 ng/ul
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG030594.D
Acq: 31 Oct 2017 1:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	10.8	7.8	11.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 3.333 ng/ul

RT: 28.88 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Instrument :

BNA_G

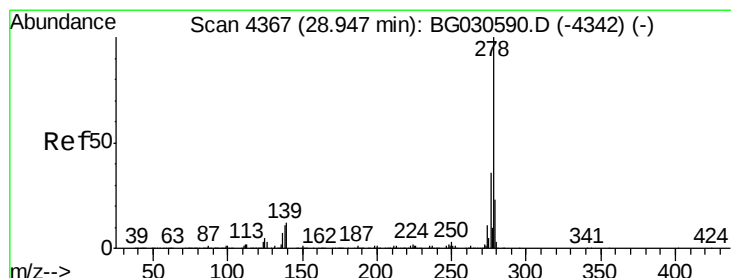
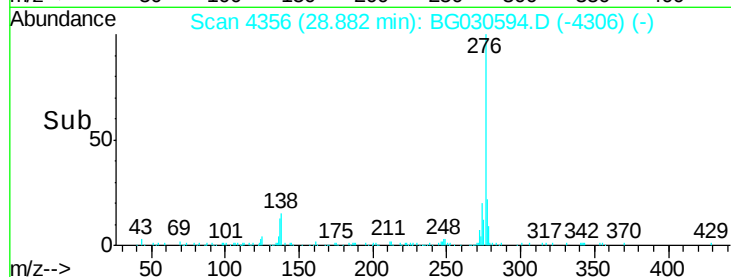
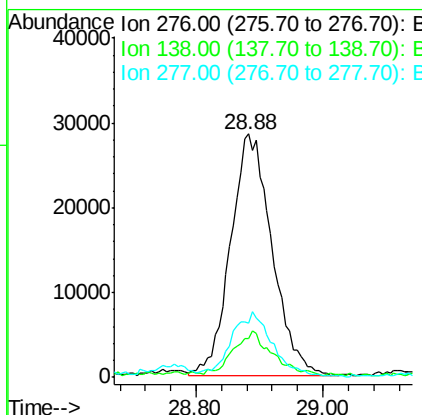
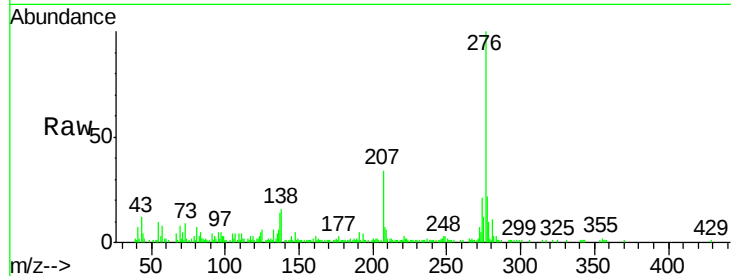
ClientSampled :

C0AA1

Tgt Ion:	276	Resp:	129388
Ion Ratio		Lower	Upper
276	100		
138	15.8	13.4	20.0
277	22.5	18.6	28.0

Manual Integrations
APPROVED

Sohil
10/31/2017 7:43:53 PM



#90

Dibenzo(a,h)anthracene

Concen: 1.021 ng/ul

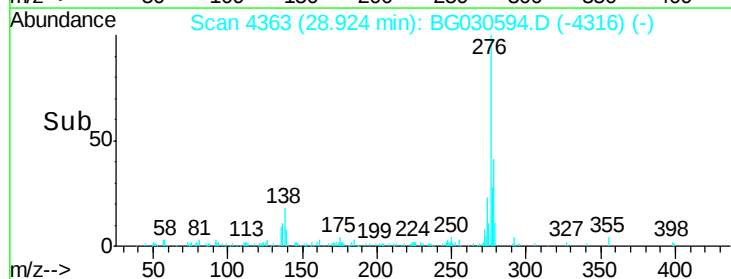
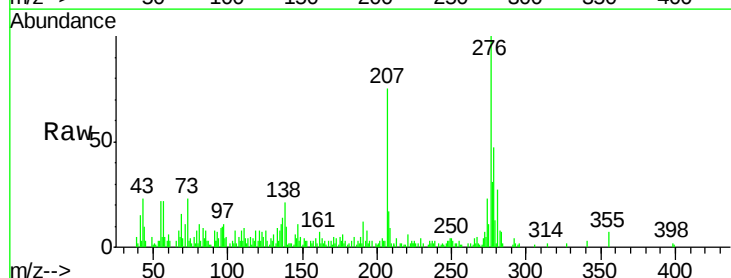
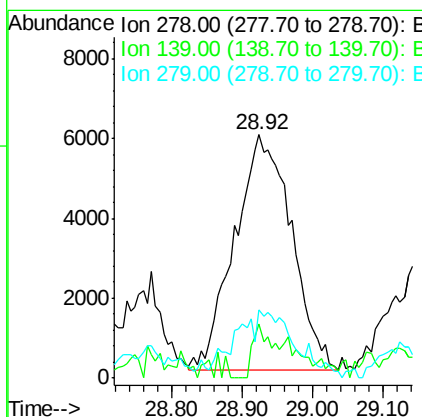
RT: 28.92 min Scan# 4363

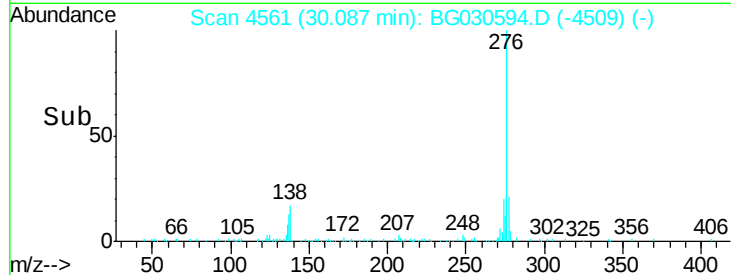
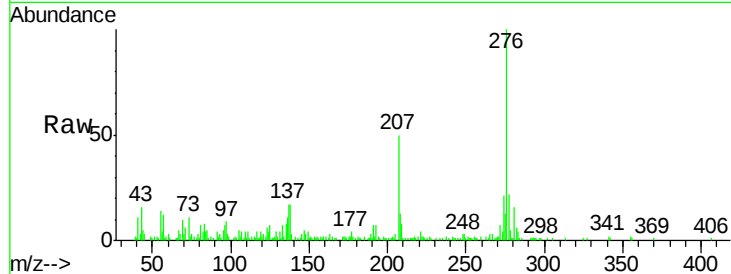
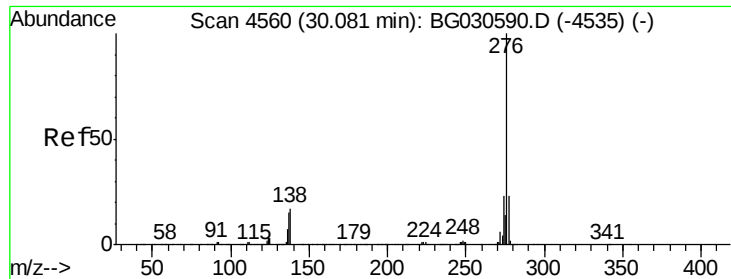
Delta R.T. -0.02 min

Lab File: BG030594.D

Acq: 31 Oct 2017 1:01

Tgt Ion:	278	Resp:	32930
Ion Ratio		Lower	Upper
278	100		
139	22.3	9.4	14.2#
279	27.8	18.4	27.6#





#91
 Benzo(g,h,i)perylene
 Concen: 3.308 ng/ul
 RT: 30.09 min Scan# 4561
 Delta R.T. 0.01 min
 Lab File: BG030594.D
 Acq: 31 Oct 2017 1:01

Tgt Ion:	276	Resp:	106444
Ion Ratio	Lower	Upper	
276	100		
138	16.9	12.1	18.1
277	22.2	17.7	26.5

Instrument :
 BNA_G
 ClientSampleId :
 C0AA1

Manual Integrations
 APPROVED

Sohil
 10/31/2017 7:43:53 PM

