

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028463.D
 Acq On : 24 Aug 2017 16:48
 Operator : SJ/JU
 Sample : I4840-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AL1

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:39 PM

Quant Time: Aug 25 02:25:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 01:07:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	38281	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	167378	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	121975	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	323438m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	390787	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	388831	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	2018	2.45	ng/uL	0.01
5) Phenol-d5	7.49	99	44337	10.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	26385	9.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	32793	12.36	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	38171	10.86	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	17233	13.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	20959	14.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	38506	12.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	32328	9.78	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	147218	13.57	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	159035	13.00	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	18157	10.53	ng/ul	0.00
57) Fluorene-d10	15.94	176	122031	12.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	20727	9.86	ng/ul	0.00
70) Anthracene-d10	17.80	188	218328	14.08	ng/ul	0.00
76) Pyrene-d10	20.07	212	261133	13.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	255866	14.06	ng/ul	0.00
Target Compounds						
6) Phenol	7.52	94	5710	1.367	ng/ul#	95
44) Dimethylphthalate	14.38	163	55920	5.598	ng/ul	98
69) Phenanthrene	17.74	178	65775m	4.041	ng/ul	
71) Anthracene	17.83	178	16883	1.015	ng/ul	97
74) Fluoranthene	19.74	202	61648	3.116	ng/ul	97
77) Pyrene	20.10	202	50730	2.176	ng/ul	100
80) Benzo(a)anthracene	22.01	228	32302	1.431	ng/ul	97
82) Chrysene	22.08	228	29470	1.449	ng/ul	94
85) Benzo(b)fluoranthene	24.42	252	31624m	1.359	ng/ul	
88) Benzo(a)pyrene	25.37	252	24714	1.097	ng/ul#	86

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

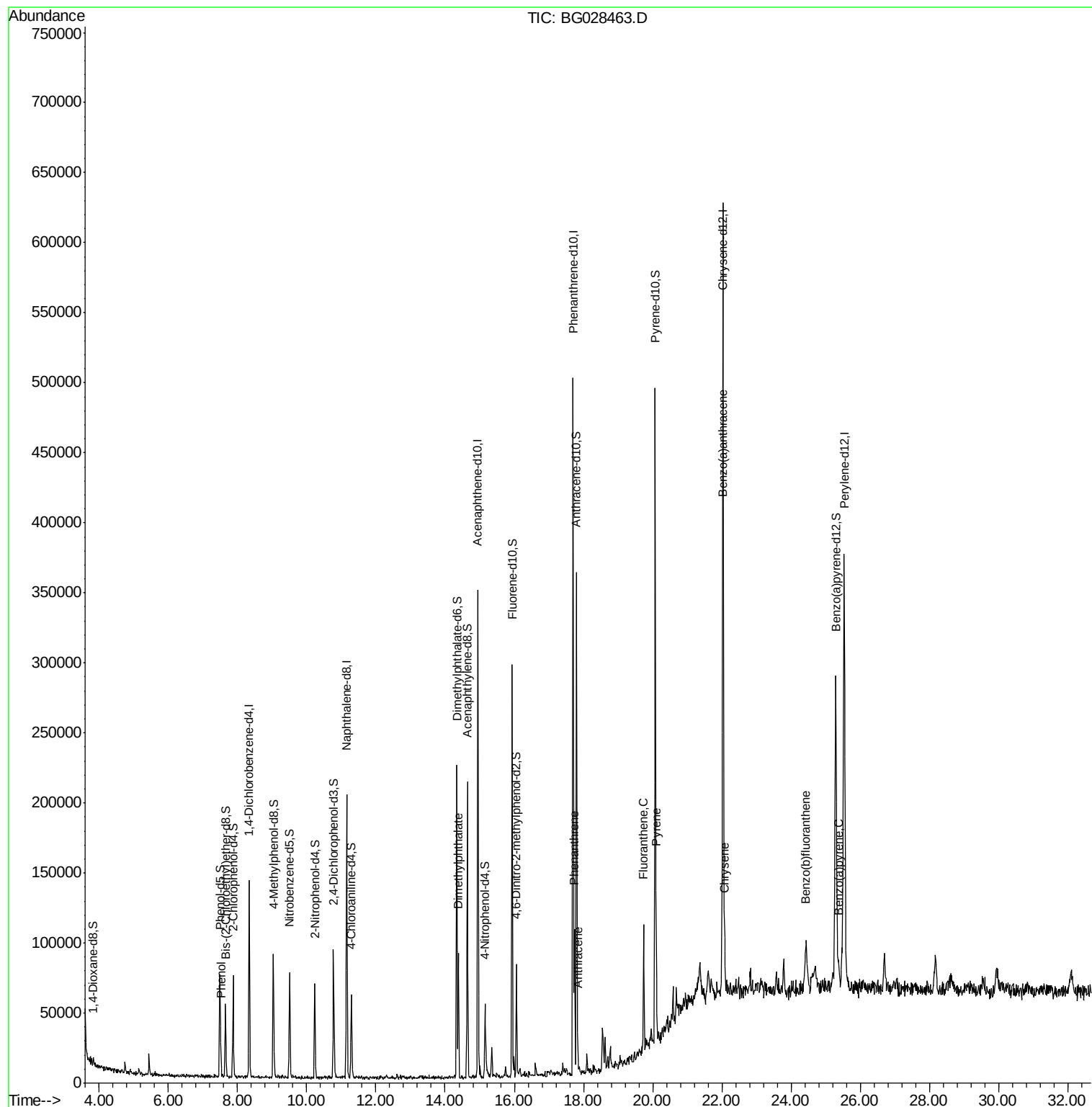
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028463.D
Acq On : 24 Aug 2017 16:48
Operator : SJ/JU
Sample : I4840-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

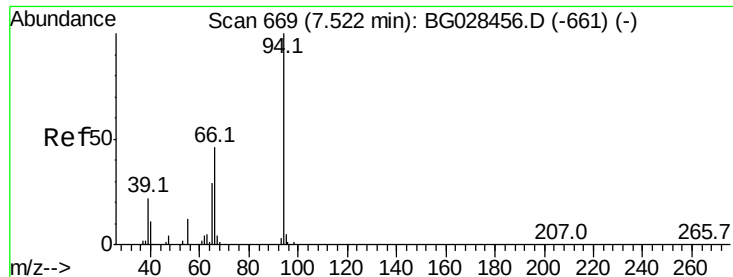
Instrument :
BNA_G
ClientSampleId :
B0AL1

Manual Integrations
APPROVED

Sohil
8/25/2017 5:43:39 PM

Quant Time: Aug 25 02:25:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 01:07:54 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.367 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG028463.D

Acq: 24 Aug 2017 16:48

Instrument :

BNA_G

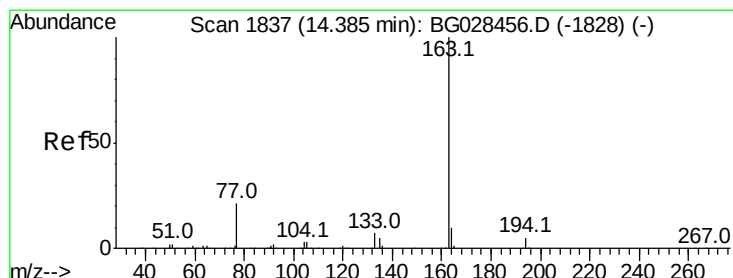
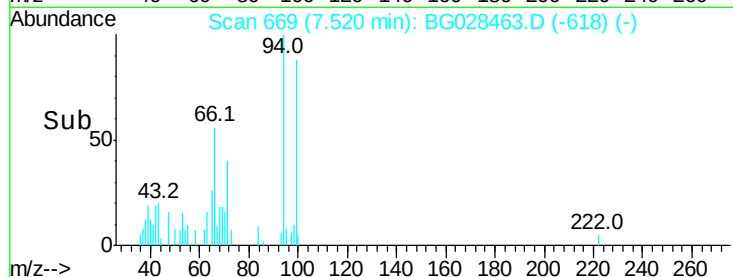
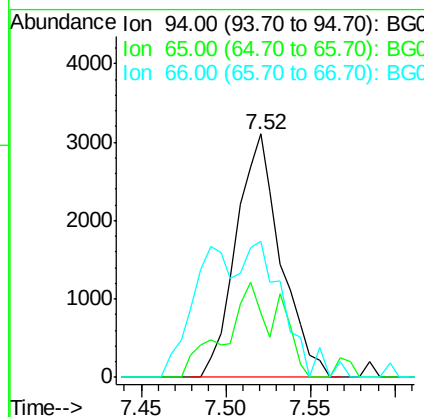
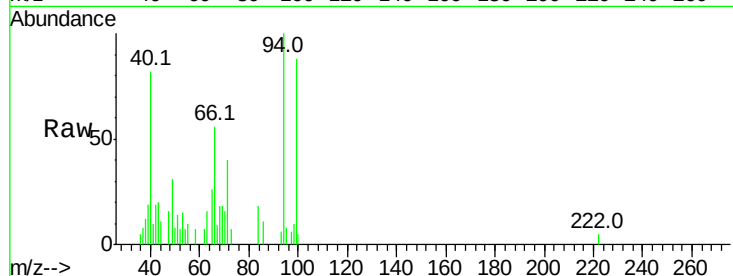
ClientSampled :

B0AL1

Tot Ion:	94	Resp:	5710
Ion Ratio	Lower	Upper	
94	100		
65	26.5	26.8	40.2#
66	55.7	44.4	66.6

Manual Integrations
APPROVED

Sohil
8/25/2017 5:43:39 PM



#44

Dimethylphthalate

Concen: 5.598 ng/ul

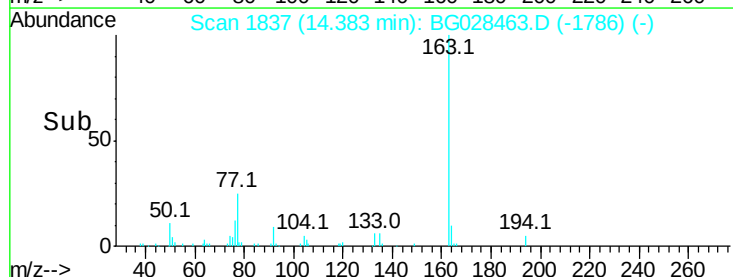
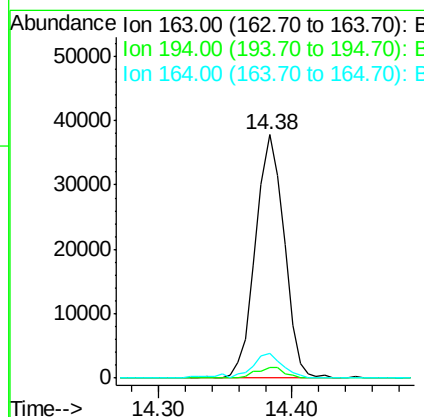
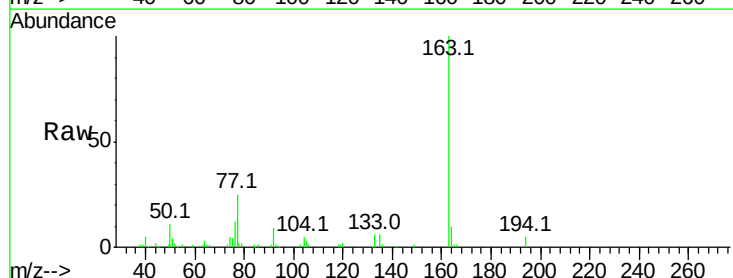
RT: 14.38 min Scan# 1837

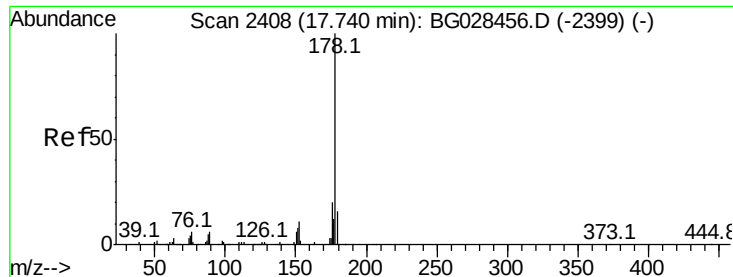
Delta R.T. -0.00 min

Lab File: BG028463.D

Acq: 24 Aug 2017 16:48

Tgt Ion:	163	Resp:	55920
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.0
164	10.1	9.0	13.4





#69

Phenanthrene

Concen: 4.041 ng/ul m

RT: 17.74 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG028463.D

Acq: 24 Aug 2017 16:48

Instrument :

BNA_G

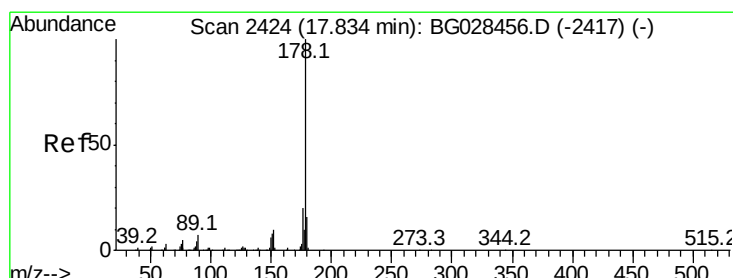
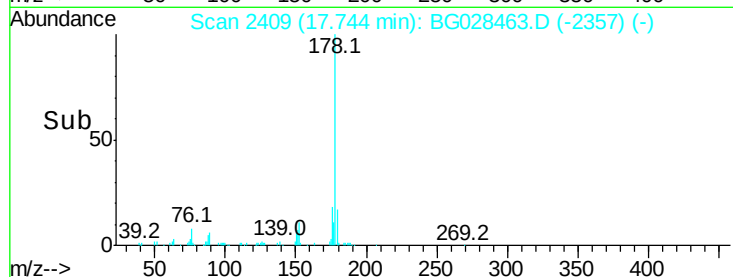
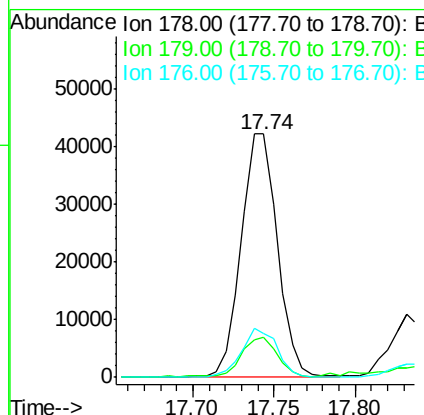
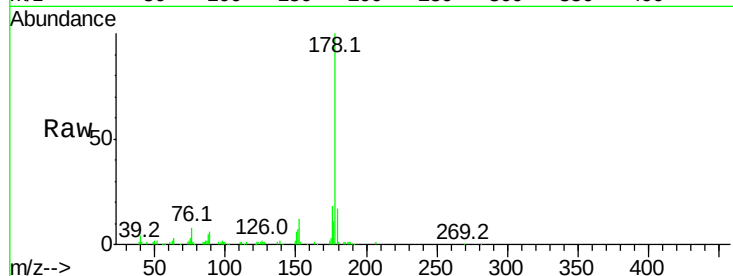
ClientSampled :

B0AL1

Tot Ion:178	Resp:	65775
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.4 18.6
176	17.9	16.5 24.7

Manual Integrations
APPROVED

Sohil
8/25/2017 5:43:39 PM



#71

Anthracene

Concen: 1.015 ng/ul

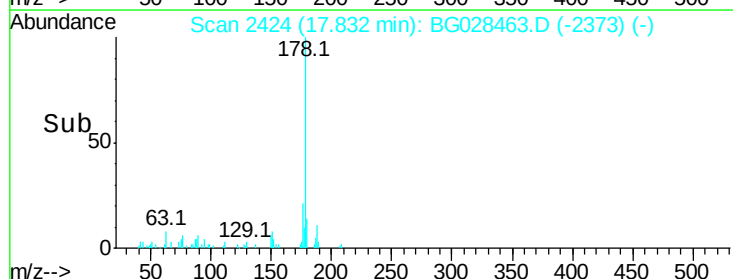
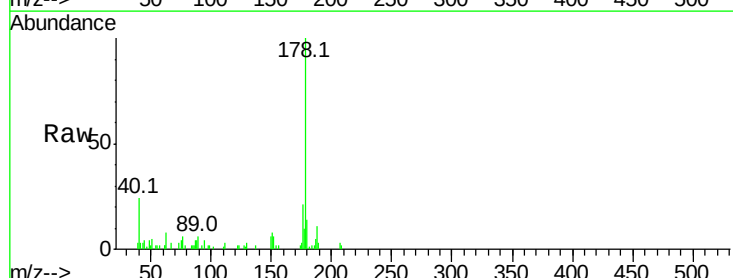
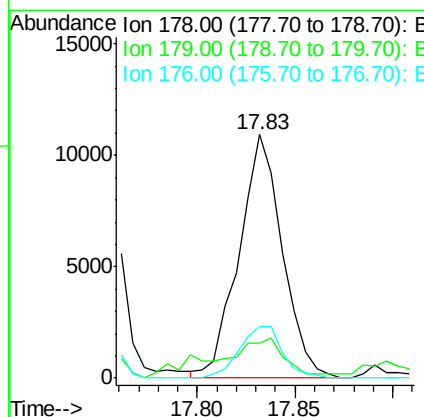
RT: 17.83 min Scan# 2424

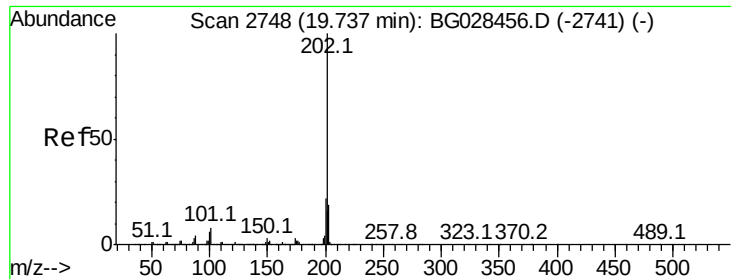
Delta R.T. -0.00 min

Lab File: BG028463.D

Acq: 24 Aug 2017 16:48

Tgt Ion:178	Resp:	16883
Ion Ratio	Lower	Upper
178	100	
179	14.4	12.6 19.0
176	21.1	15.9 23.9





#74

Fluoranthene

Concen: 3.116 ng/ul

RT: 19.74 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BG028463.D

Acq: 24 Aug 2017 16:48

Instrument :

BNA_G

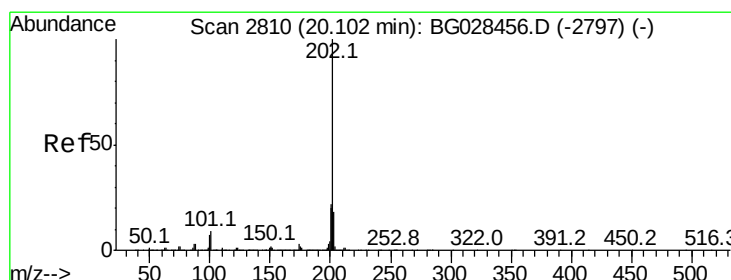
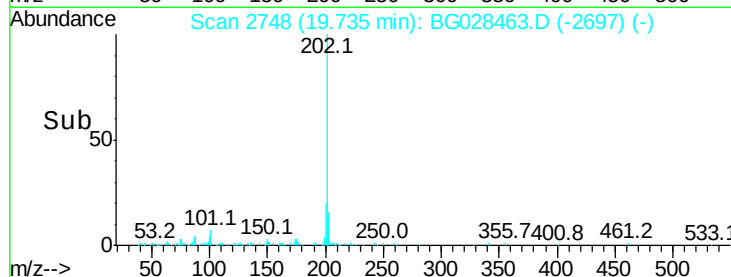
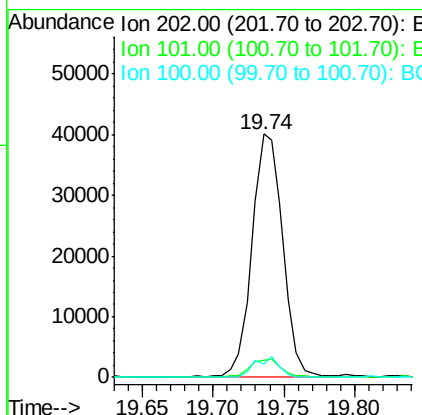
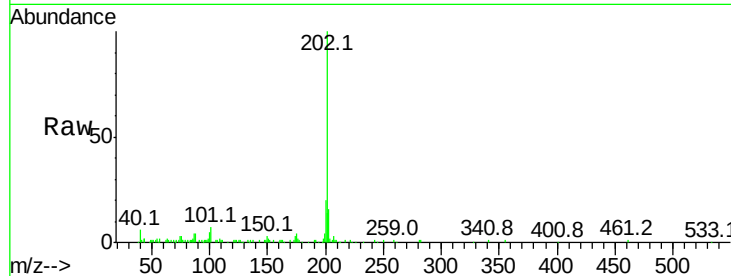
ClientSampled :

B0AL1

Tot Ion:	202	Resp:	61648
Ion Ratio	Lower	Upper	
202	100		
101	7.0	6.2	9.2
100	5.4	5.2	7.8

Manual Integrations
APPROVED

Sohil
8/25/2017 5:43:39 PM



#77

Pyrene

Concen: 2.176 ng/ul

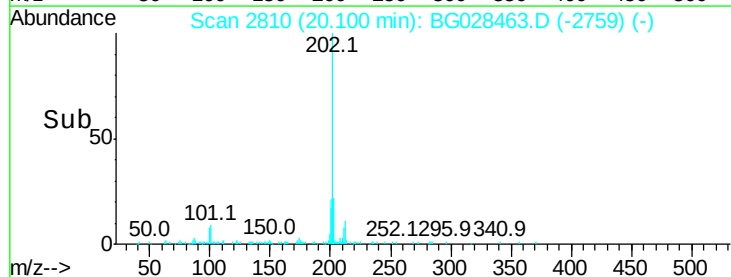
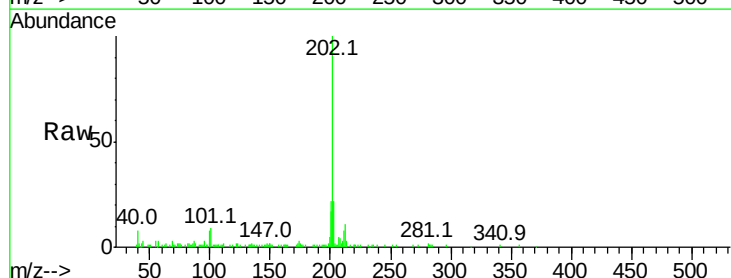
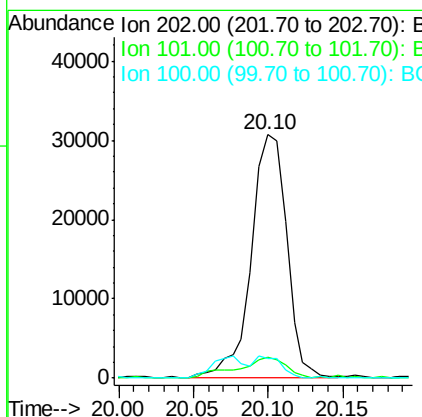
RT: 20.10 min Scan# 2810

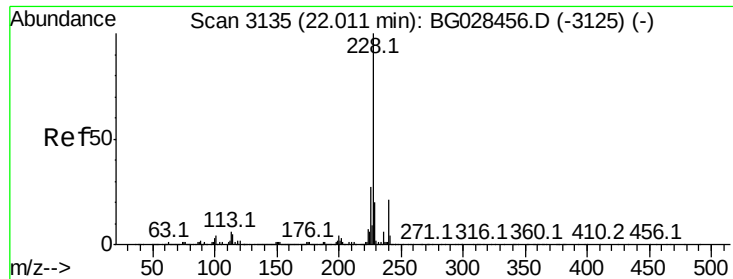
Delta R.T. -0.00 min

Lab File: BG028463.D

Acq: 24 Aug 2017 16:48

Tgt Ion:	202	Resp:	50730
Ion Ratio	Lower	Upper	
202	100		
101	8.6	6.9	10.3
100	8.3	6.6	10.0





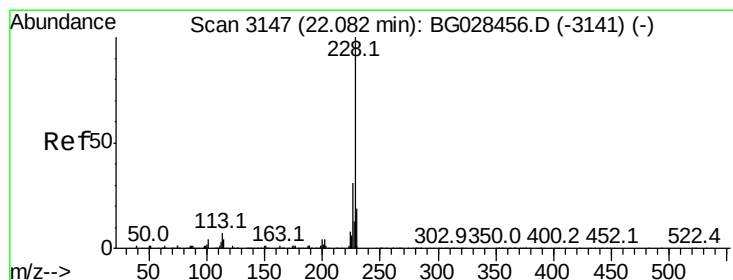
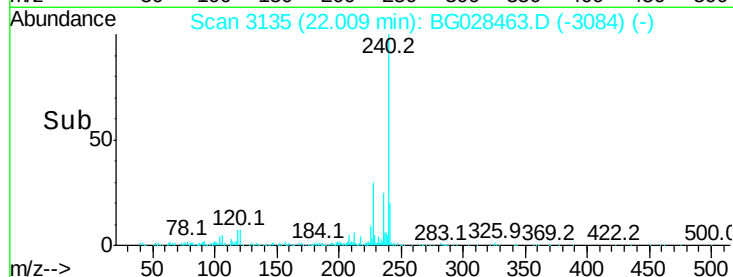
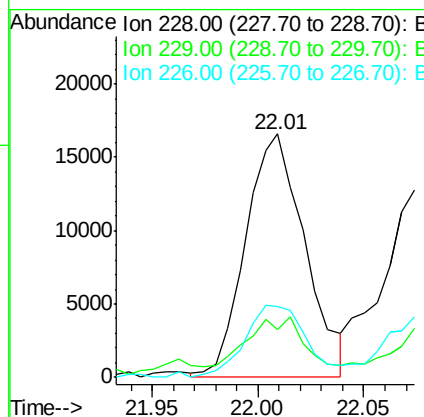
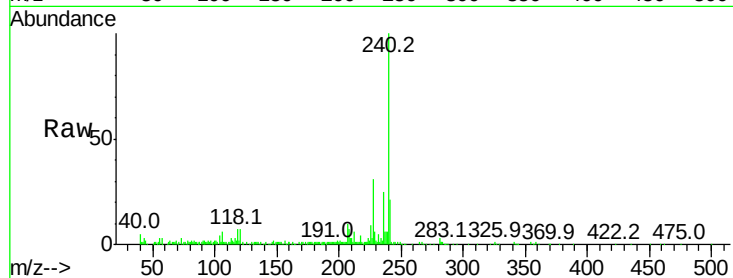
#80
Benzo(a)anthracene
Concen: 1.431 ng/ul
RT: 22.01 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG028463.D
Acq: 24 Aug 2017 16:48

Instrument :
BNA_G
ClientSampled :
B0AL1

Tot Ion:228	Resp:	32302
Ion Ratio	Lower	Upper
228 100		
229 19.6	16.3	24.5
226 29.3	21.9	32.9

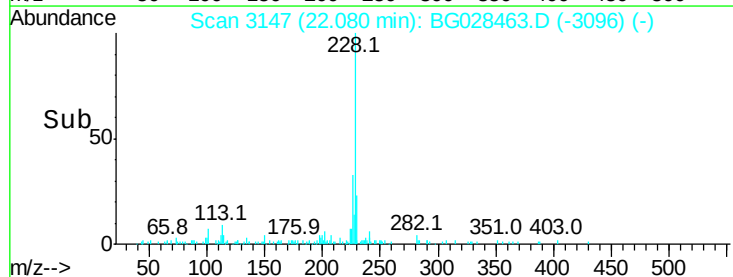
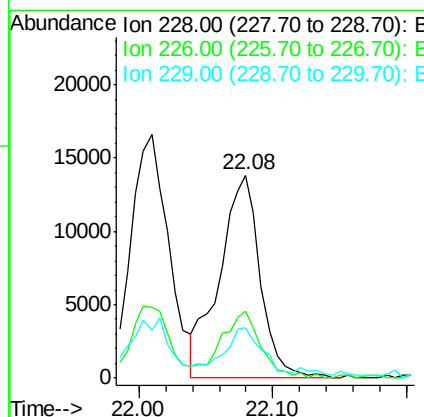
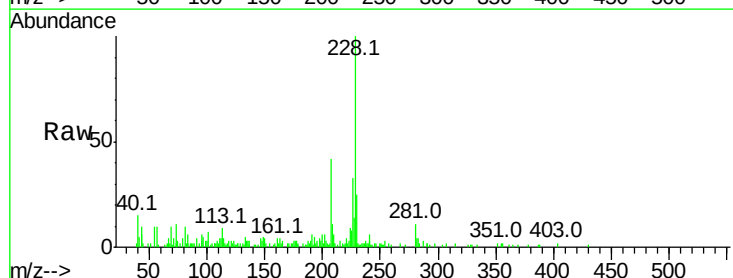
Manual Integrations
APPROVED

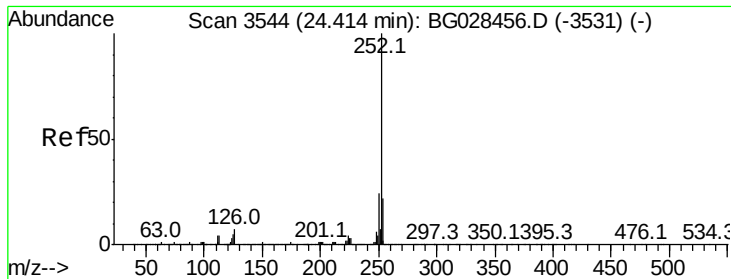
Sohil
8/25/2017 5:43:39 PM



#82
Chrysene
Concen: 1.449 ng/ul
RT: 22.08 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG028463.D
Acq: 24 Aug 2017 16:48

Tgt Ion:228	Resp:	29470
Ion Ratio	Lower	Upper
228 100		
226 32.7	24.0	36.0
229 24.8	16.9	25.3





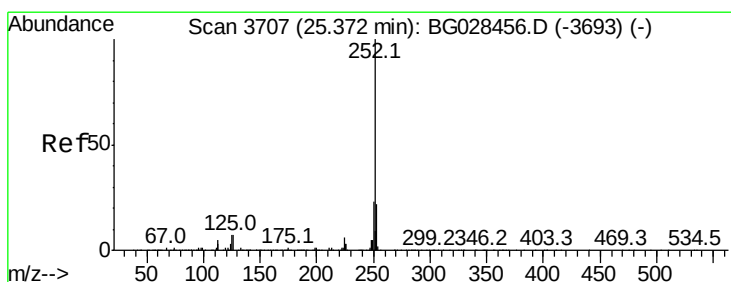
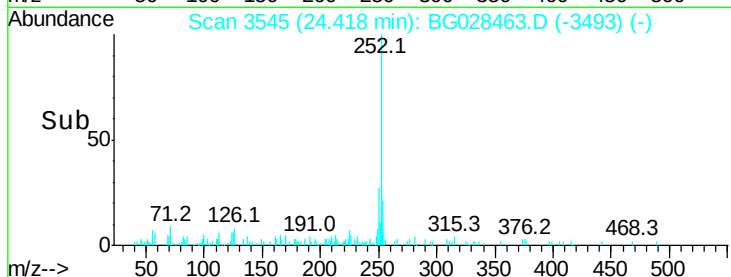
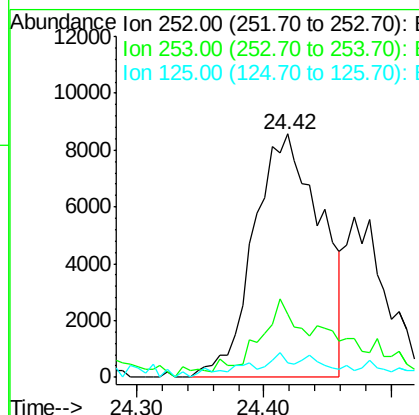
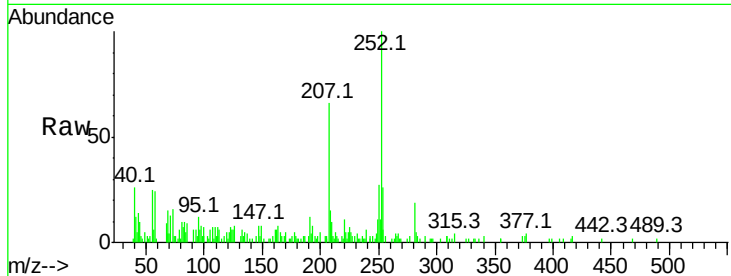
#85
Benzo(b)fluoranthene
Concen: 1.359 ng/ul m
RT: 24.42 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG028463.D
Acq: 24 Aug 2017 16:48

Instrument :
BNA_G
ClientSampleId :
B0AL1

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.7	26.5
125	6.1	4.0	6.0#

Manual Integrations
APPROVED

Sohil
8/25/2017 5:43:39 PM



#88
Benzo(a)pyrene
Concen: 1.097 ng/ul
RT: 25.37 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG028463.D
Acq: 24 Aug 2017 16:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.8	26.6#
125	10.4	5.4	8.0#

