

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028517.D
 Acq On : 28 Aug 2017 13:58
 Operator : SJ/JU
 Sample : I4905-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AX9

Manual Integrations
 APPROVED

Sohil
 8/29/2017 6:01:26 PM

Quant Time: Aug 29 01:49:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:30:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	37833	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	153110	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	108607	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	270499	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	328307	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	315347	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	4778	5.88	ng/uL	0.01
5) Phenol-d5	7.49	99	104655	25.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	67212	25.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	78979	30.13	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	82466	23.75	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	39797	33.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	46336	35.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	89659	33.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	83824	27.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	307861	31.87	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	354320	32.53	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	38373	24.98	ng/ul	0.00
57) Fluorene-d10	15.94	176	267464	30.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	46646	26.55	ng/ul	0.00
70) Anthracene-d10	17.80	188	436313	33.64	ng/ul	0.00
76) Pyrene-d10	20.07	212	528908	31.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	504078	34.15	ng/ul	0.00
Target Compounds						
6) Phenol	7.52	94	7062	1.710	ng/ul	94
44) Dimethylphthalate	14.38	163	77619	8.727	ng/ul	99
69) Phenanthrene	17.74	178	42068	3.090	ng/ul	94
74) Fluoranthene	19.74	202	74295	4.491	ng/ul	98
77) Pyrene	20.10	202	68256	3.485	ng/ul	98
80) Benzo(a)anthracene	22.01	228	40229m	2.121	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.86	149	11052	1.059	ng/ul#	92
82) Chrysene	22.08	228	37809	2.213	ng/ul	96
85) Benzo(b)fluoranthene	24.41	252	47543	2.519	ng/ul#	94
88) Benzo(a)pyrene	25.37	252	35574	1.947	ng/ul#	91

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

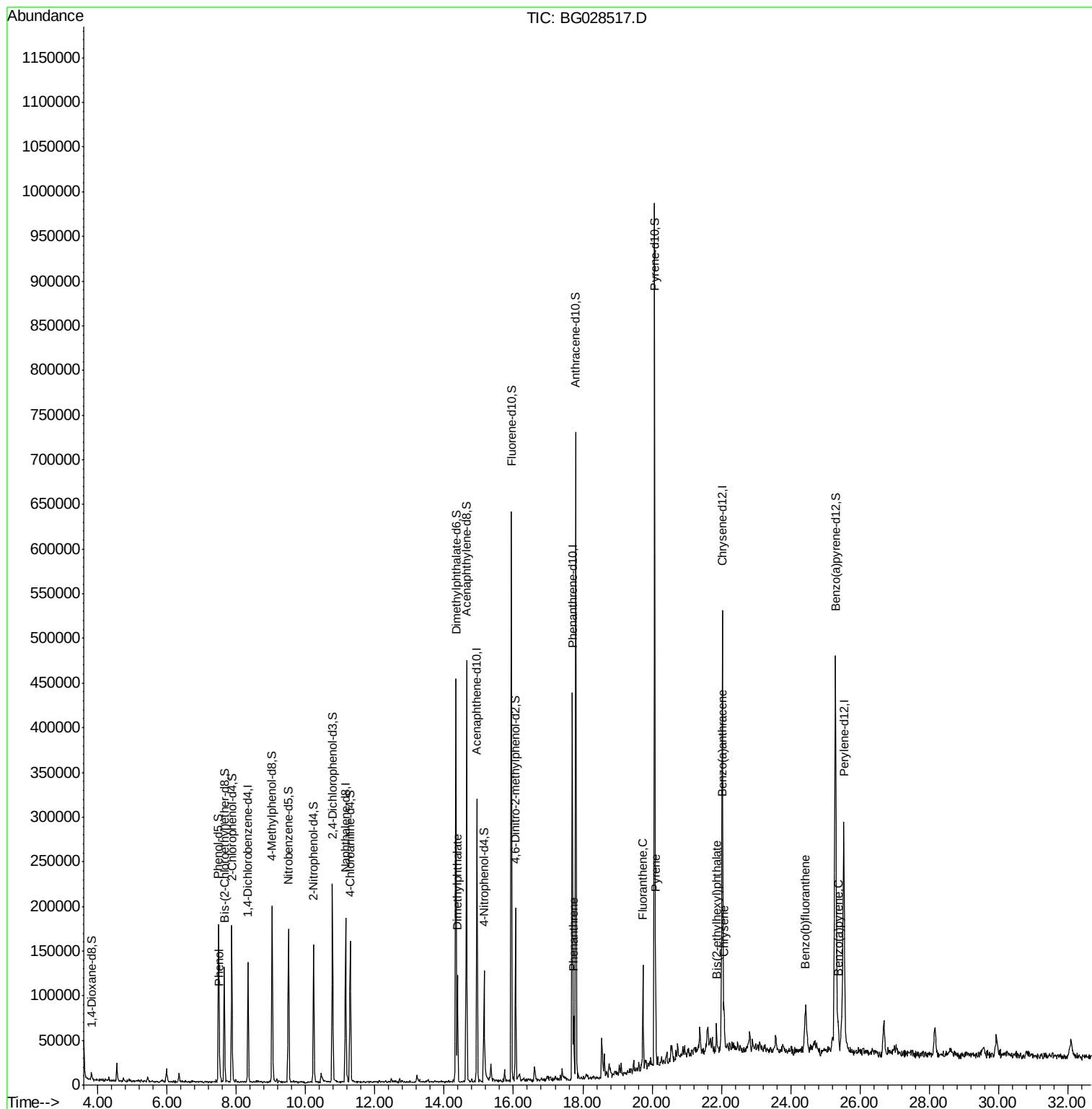
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028517.D
Acq On : 28 Aug 2017 13:58
Operator : SJ/JU
Sample : I4905-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

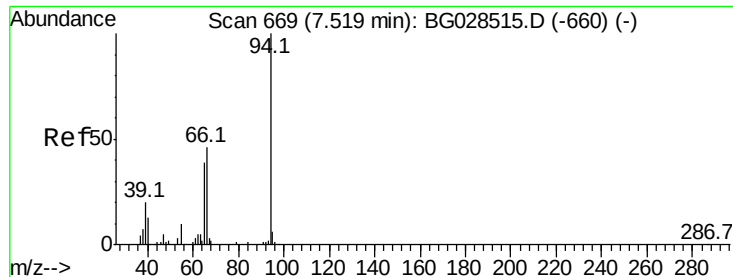
Instrument :
BNA_G
ClientSampleId :
B0AX9

Manual Integrations
APPROVED

Sohil
8/29/2017 6:01:26 PM

Quant Time: Aug 29 01:49:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 01:30:36 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.710 ng/ul

RT: 7.52 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Instrument :

BNA_G

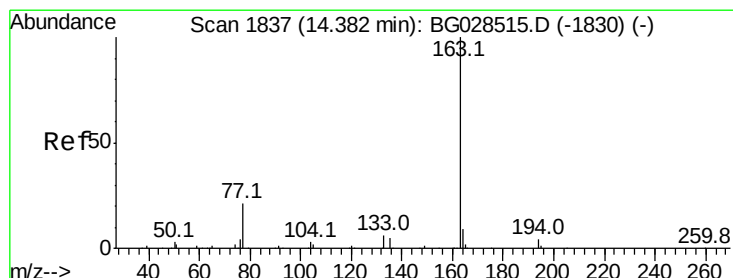
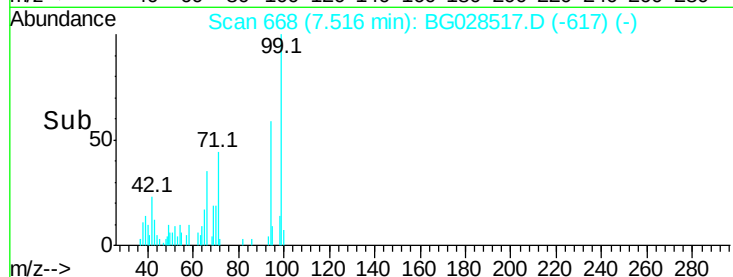
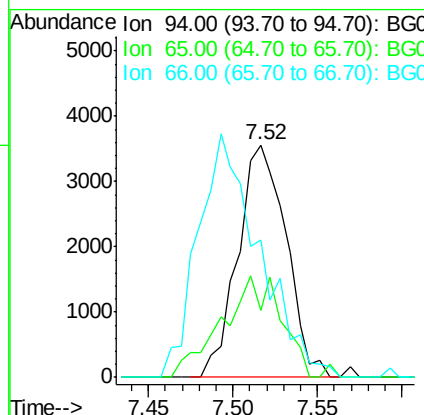
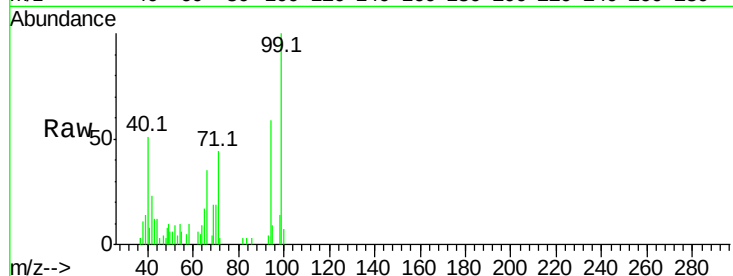
ClientSampled :

B0AX9

Tot Ion:	94	Resp:	7062
Ion Ratio	Lower	Upper	
94	100		
65	28.8	26.8	40.2
66	59.1	44.4	66.6

Manual Integrations
APPROVED

Sohil
8/29/2017 6:01:26 PM



#44

Dimethylphthalate

Concen: 8.727 ng/ul

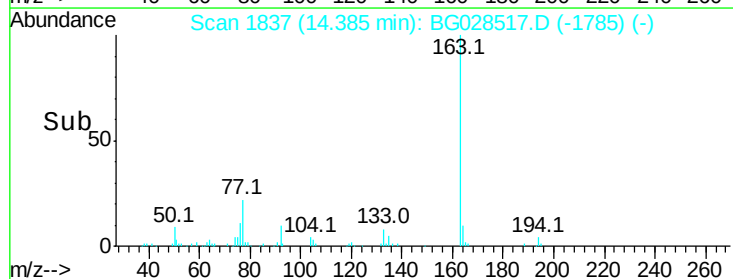
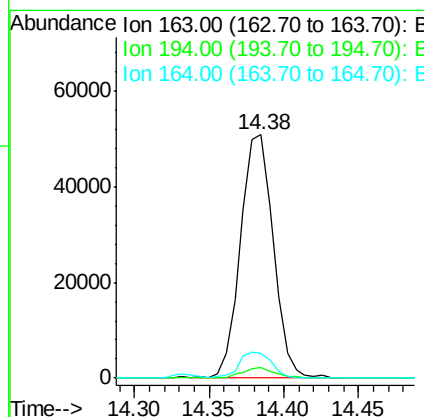
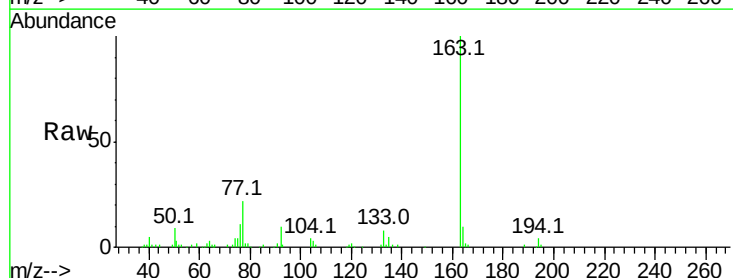
RT: 14.38 min Scan# 1837

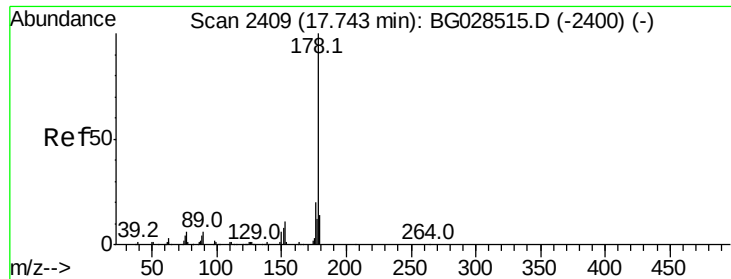
Delta R.T. 0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Tgt Ion:	163	Resp:	77619
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	10.4	9.0	13.4





#69

Phenanthrene

Concen: 3.090 ng/ul

RT: 17.74 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Instrument :

BNA_G

ClientSampleId :

B0AX9

Tot Ion:178 Resp: 42068

Ion Ratio Lower Upper

178 100

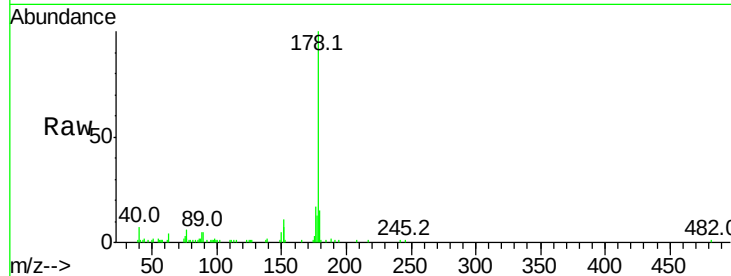
179 14.8 12.4 18.6

176 16.6 16.5 24.7

Manual Integrations
APPROVED

Sohil

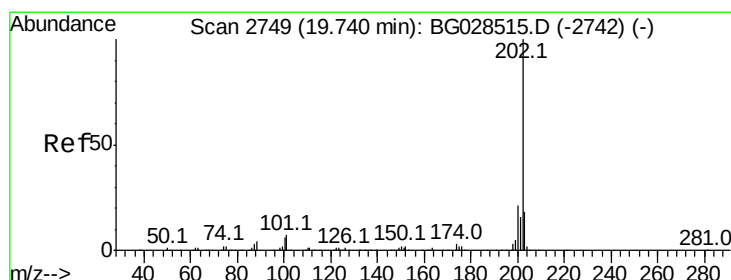
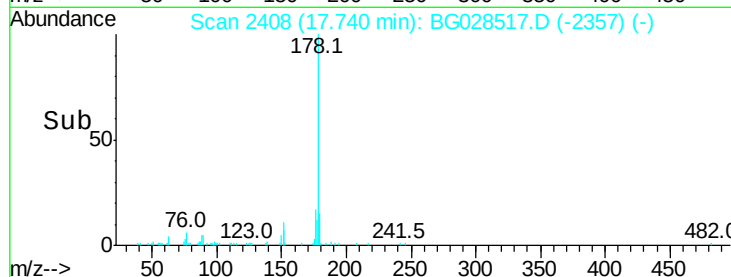
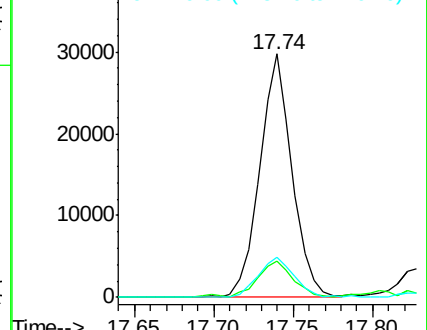
8/29/2017 6:01:26 PM



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



#74

Fluoranthene

Concen: 4.491 ng/ul

RT: 19.74 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

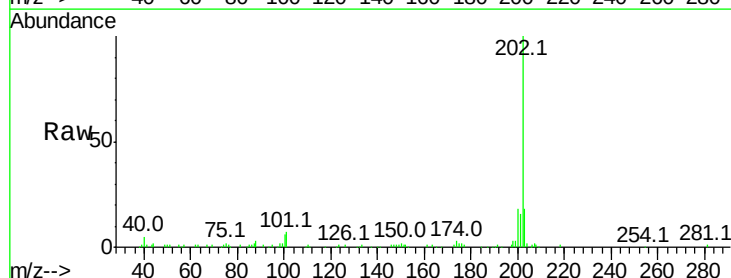
Tgt Ion:202 Resp: 74295

Ion Ratio Lower Upper

202 100

101 7.0 6.2 9.2

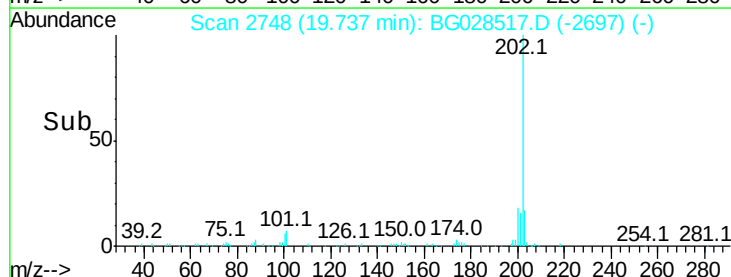
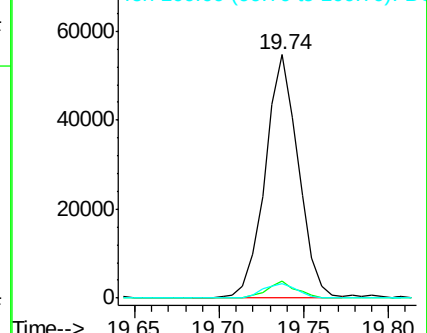
100 5.7 5.2 7.8

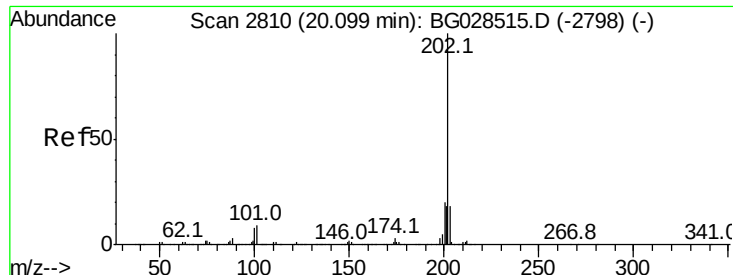


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 3.485 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Instrument :

BNA_G

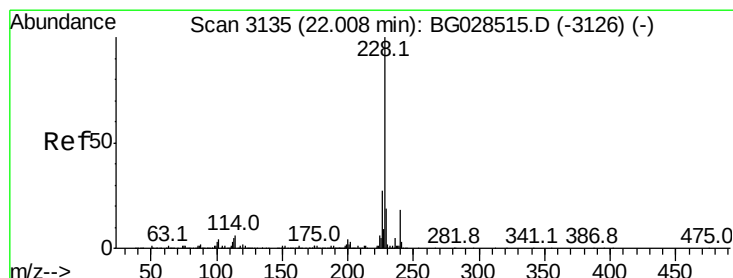
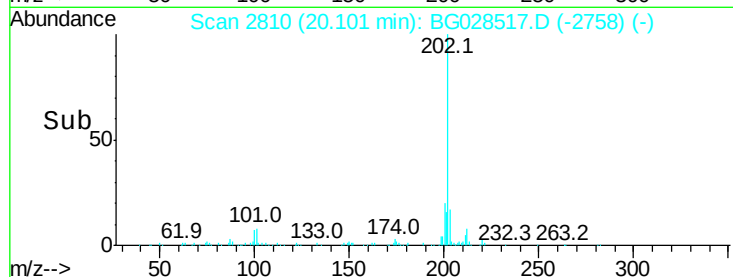
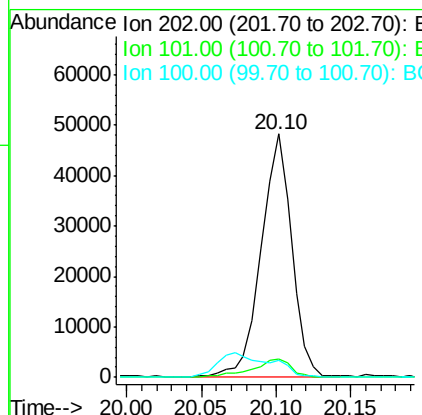
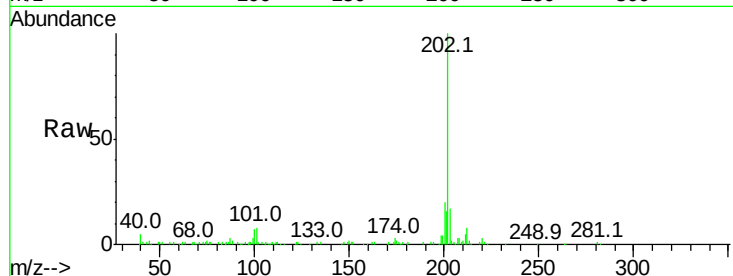
ClientSampleId :

B0AX9

Tot Ion:	202	Resp:	68256
Ion Ratio	Lower	Upper	
202	100		
101	8.8	6.9	10.3
100	7.1	6.6	10.0

Manual Integrations
APPROVED

Sohil
8/29/2017 6:01:26 PM



#80

Benzo(a)anthracene

Concen: 2.121 ng/ul m

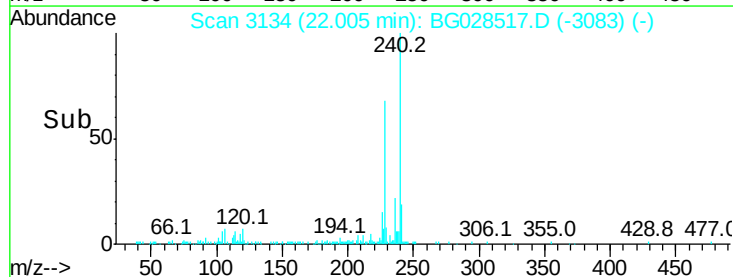
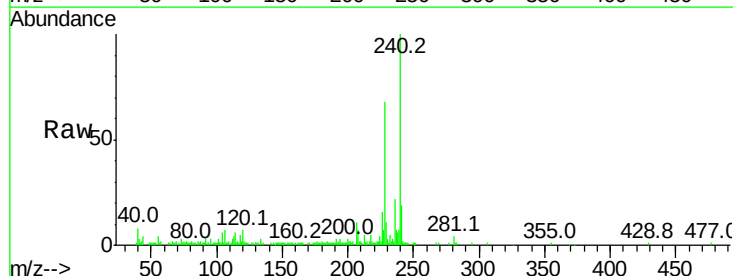
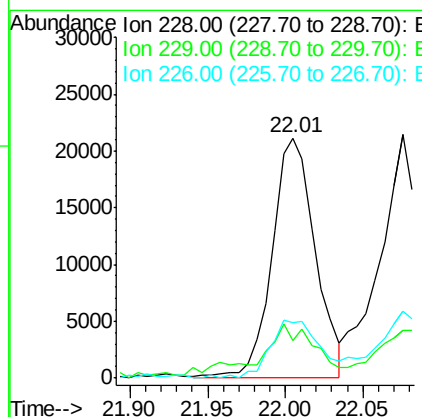
RT: 22.01 min Scan# 3134

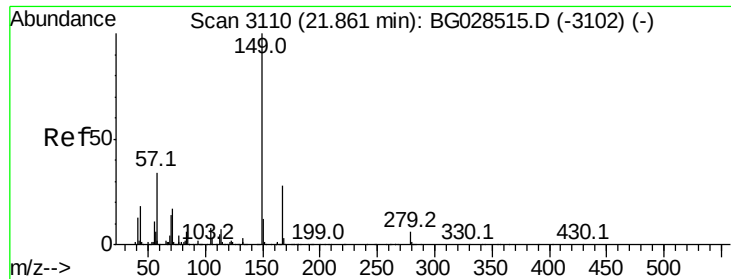
Delta R.T. -0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Tgt Ion:	228	Resp:	40229
Ion Ratio	Lower	Upper	
228	100		
229	15.8	16.3	24.5#
226	23.3	21.9	32.9





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.059 ng/ul

RT: 21.86 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Instrument :

BNA_G

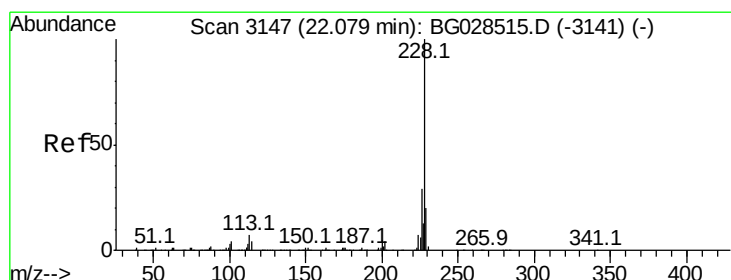
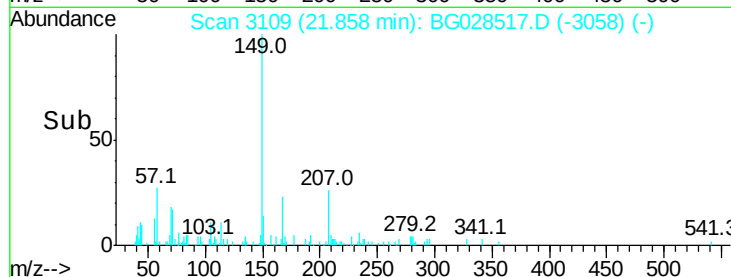
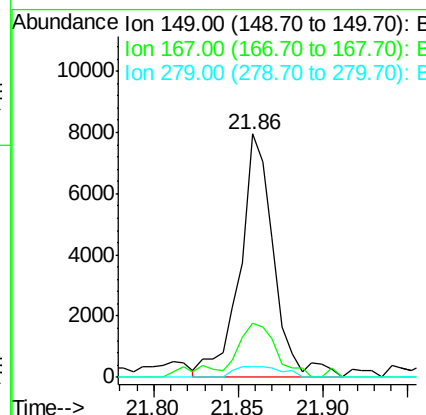
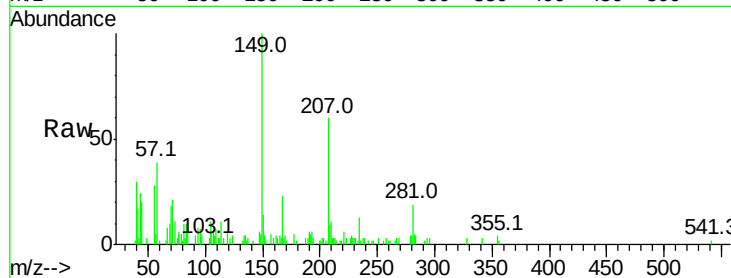
ClientSampled :

B0AX9

Tot Ion:	149	Resp:	11052
Ion Ratio	Lower	Upper	
149	100		
167	22.5	21.8	32.8
279	4.5	4.5	6.7#

Manual Integrations
APPROVED

Sohil
8/29/2017 6:01:26 PM



#82

Chrysene

Concen: 2.213 ng/ul

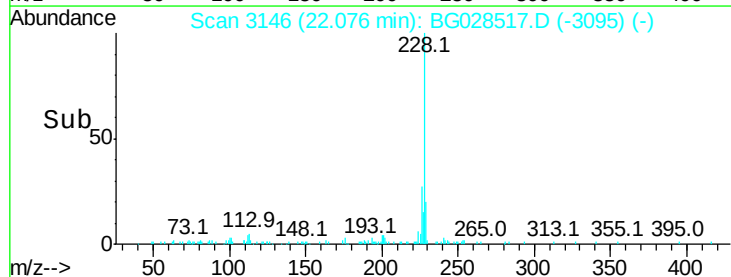
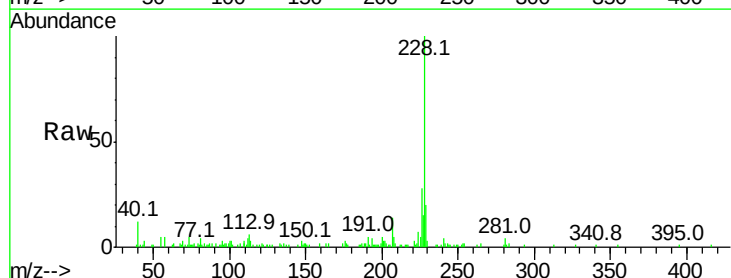
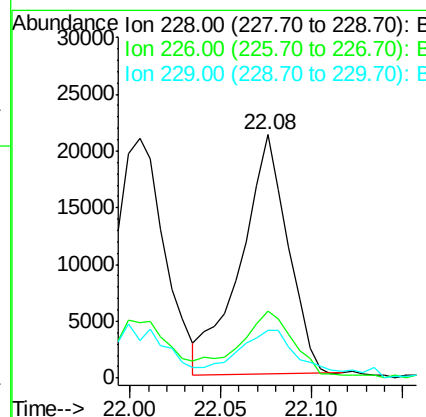
RT: 22.08 min Scan# 3146

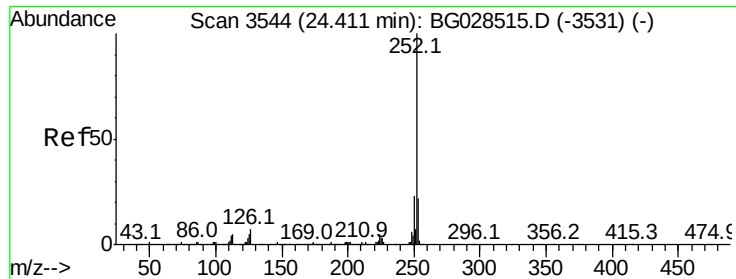
Delta R.T. -0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Tgt Ion:	228	Resp:	37809
Ion Ratio	Lower	Upper	
228	100		
226	27.6	24.0	36.0
229	19.5	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 2.519 ng/ul

RT: 24.41 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Instrument :

BNA_G

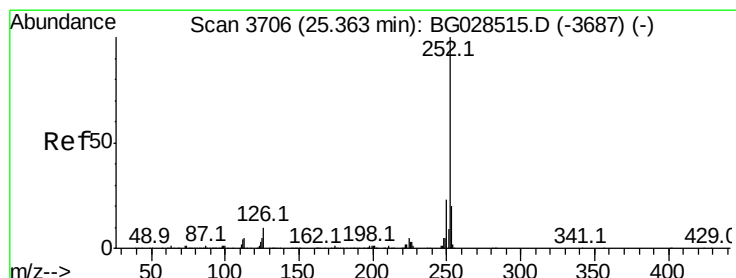
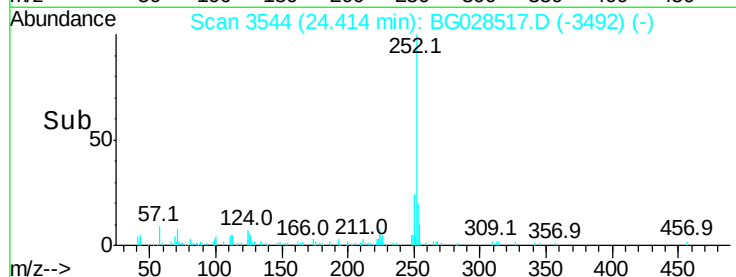
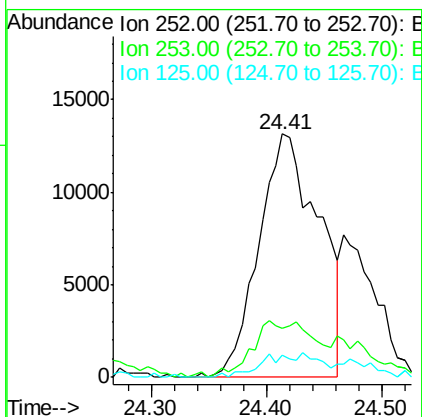
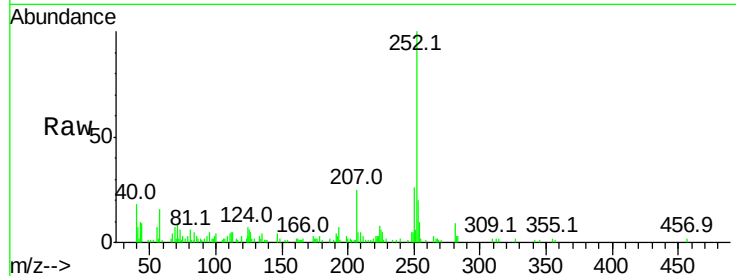
ClientSampleId :

B0AX9

Tot Ion:	252	Resp:	47543
Ion Ratio	Lower	Upper	
252	100		
253	20.0	17.7	26.5
125	9.2	4.0	6.0#

Manual Integrations
APPROVED

Sohil
8/29/2017 6:01:26 PM



#88

Benzo(a)pyrene

Concen: 1.947 ng/ul

RT: 25.37 min Scan# 3706

Delta R.T. 0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Tgt Ion:	252	Resp:	35574
Ion Ratio	Lower	Upper	
252	100		
253	17.3	17.8	26.6#
125	4.9	5.4	8.0#

