

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041956.D
 Acq On : 5 Aug 2019 00:00
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENZ6

Manual Integrations
 APPROVED

mohammad
 8/5/2019 3:04:13 PM

Quant Time: Aug 05 10:18:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	73189	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	309695	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	214905	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	462159m	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	447699	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	495534	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	5518	3.30	ng/uL	0.00
5) Phenol-d5	7.18	99	140343	24.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	75128	23.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	129411	26.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	115177	23.88	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	61911	26.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	80014	29.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	144611	26.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	141785	23.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	447982	26.88	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	510714	26.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	47490	16.97	ng/ul	0.00
57) Fluorene-d10	15.69	176	400183	26.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	49445m	16.68	ng/ul	0.00
70) Anthracene-d10	17.55	188	627742	28.31	ng/ul	0.00
78) Pyrene-d10	19.83	212	710899	28.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	767747	29.66	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.21	94	10120	1.707	ng/ul	96
44) Dimethylphthalate	14.14	163	176980	10.694	ng/ul	99
69) Phenanthrene	17.49	178	34865	1.378	ng/ul	98
76) Fluoranthene	19.50	202	83549m	2.858	ng/ul	
79) Pyrene	19.86	202	78725	2.614	ng/ul#	94
82) Benzo(a)anthracene	21.71	228	45875	1.478	ng/ul	98
84) Chrysene	21.78	228	47041	1.624	ng/ul	94
87) Benzo(b)fluoranthene	23.97	252	59511	1.914	ng/ul	97
90) Benzo(a)pyrene	24.85	252	43488	1.468	ng/ul#	92

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

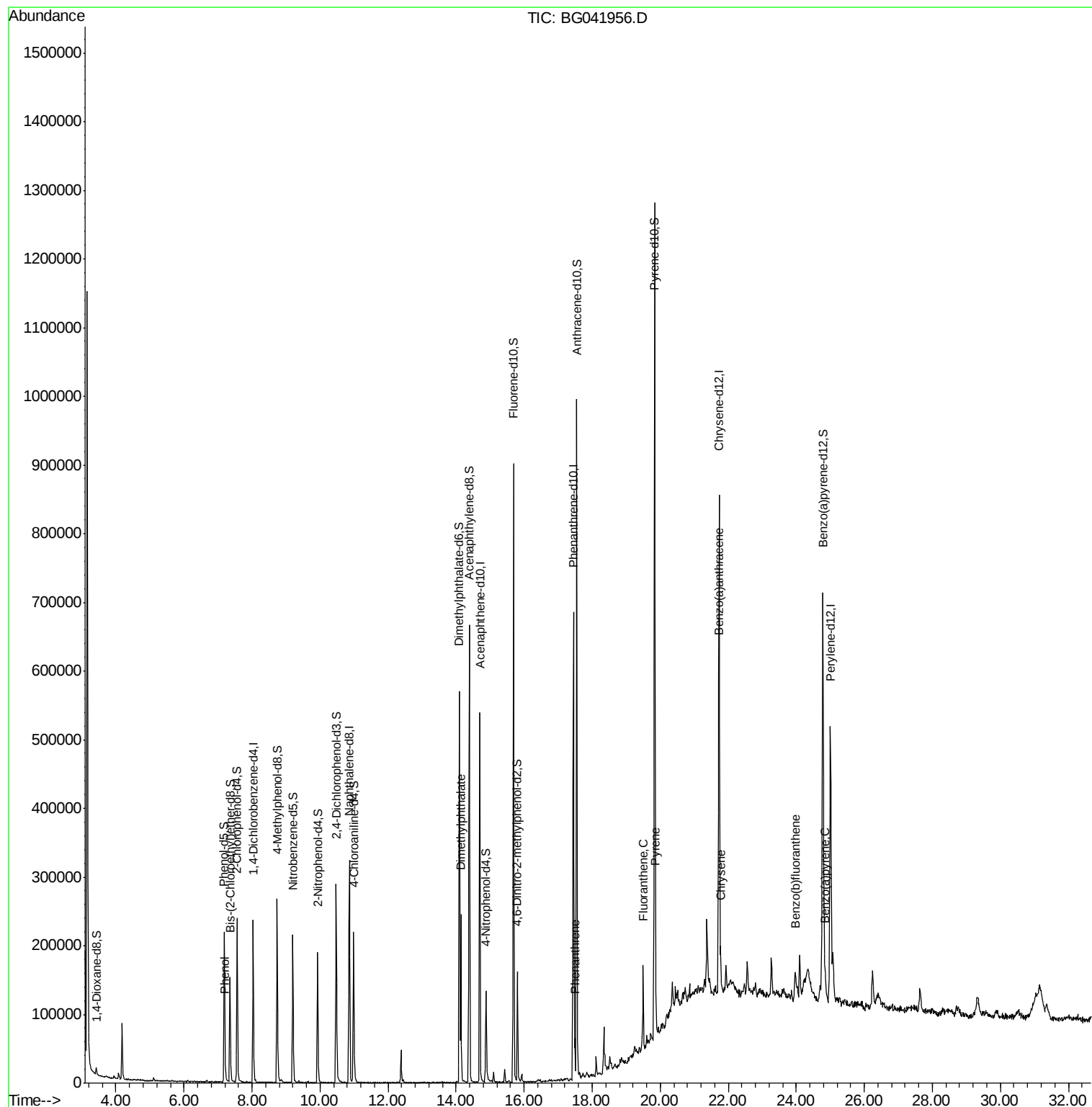
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041956.D
Acq On : 5 Aug 2019 00:00
Operator : HP/JU
Sample : K3962-20
Misc :
ALS Vial : 57 Sample Multiplier: 1

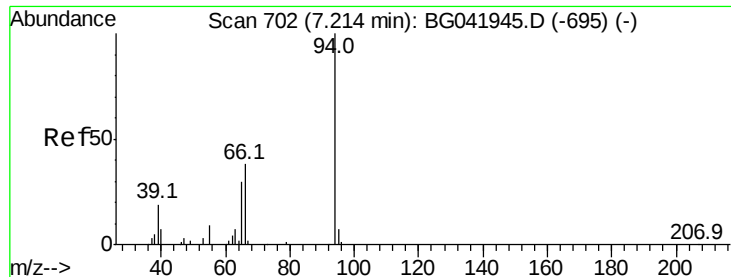
Instrument :
BNA_G
ClientSampleId :
BENZ6

Quant Time: Aug 05 10:18:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
8/5/2019 3:04:13 PM





#6

Phenol

Concen: 1.707 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG041956.D

Acq: 5 Aug 2019 00:00

Instrument :

BNA_G

ClientSampleId :

BENZ6

Tot Ion: 94 Resp: 10120

Ion Ratio Lower Upper

94 100

65 33.2 25.8 38.6

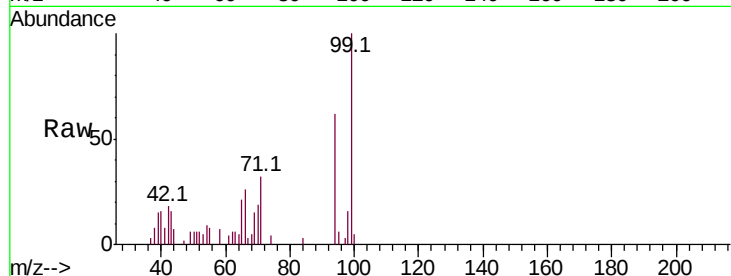
66 42.9 31.8 47.8

Manual Integrations

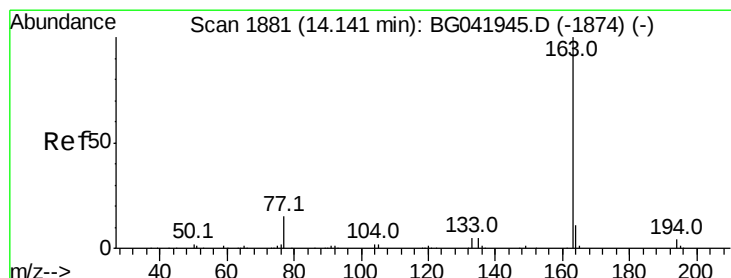
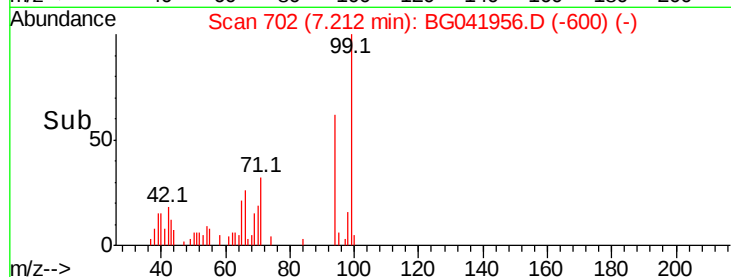
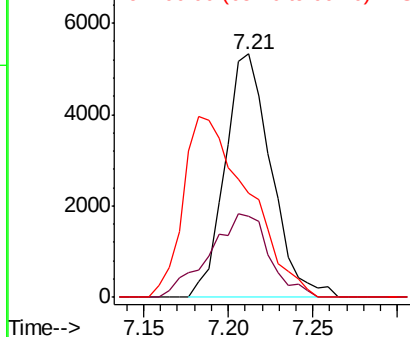
APPROVED

mohammad

8/5/2019 3:04:13 PM



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 10.694 ng/ul

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG041956.D

Acq: 5 Aug 2019 00:00

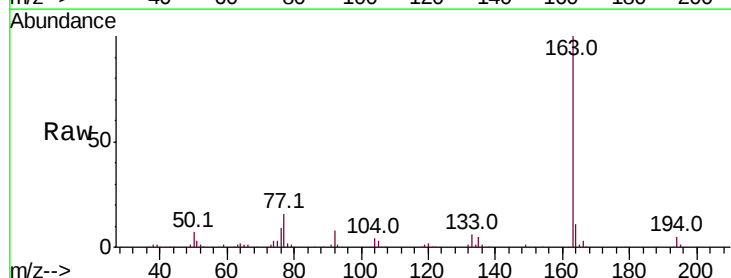
Tgt Ion:163 Resp: 176980

Ion Ratio Lower Upper

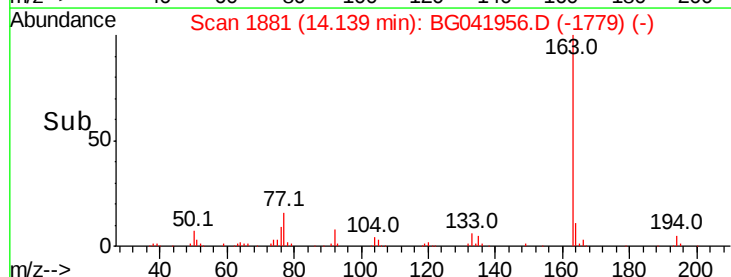
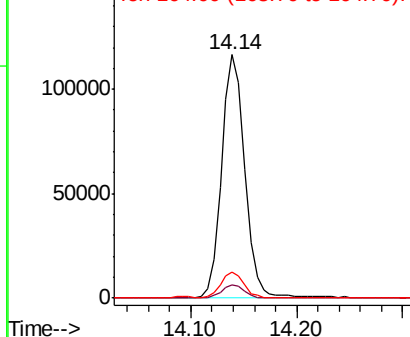
163 100

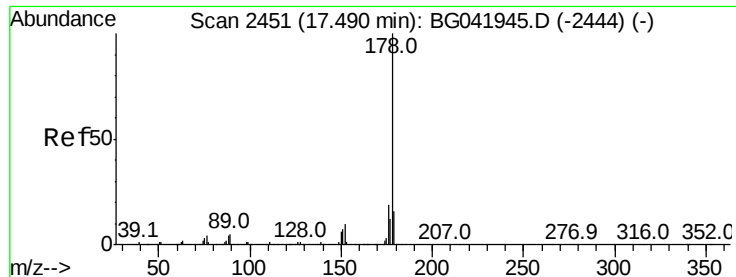
194 5.3 4.2 6.2

164 10.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.378 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG041956.D

Acq: 5 Aug 2019 00:00

Instrument :

BNA_G

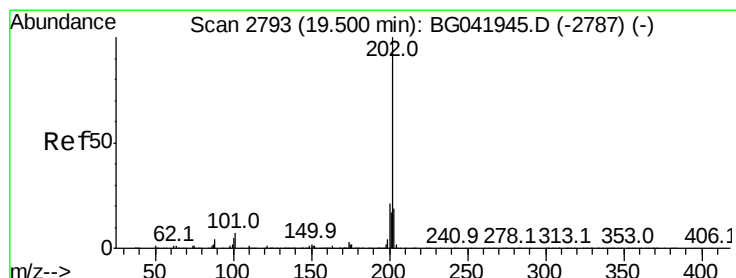
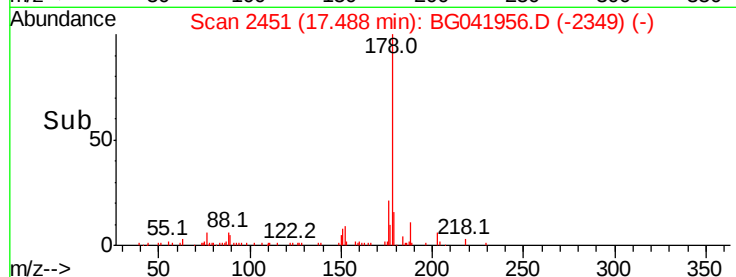
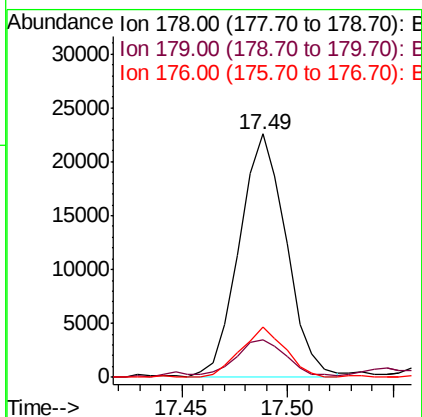
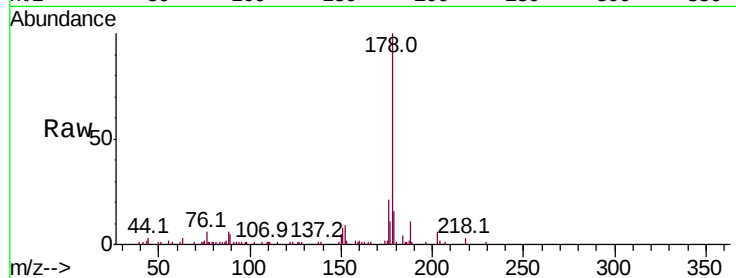
ClientSampleId :

BENZ6

Tot Ion:	178	Resp:	34865
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.8	19.2
176	20.7	15.4	23.2

Manual Integrations
APPROVED

mohammad
8/5/2019 3:04:13 PM



#76

Fluoranthene

Concen: 2.858 ng/ul m

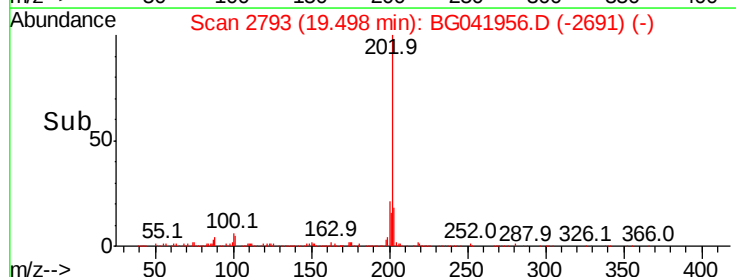
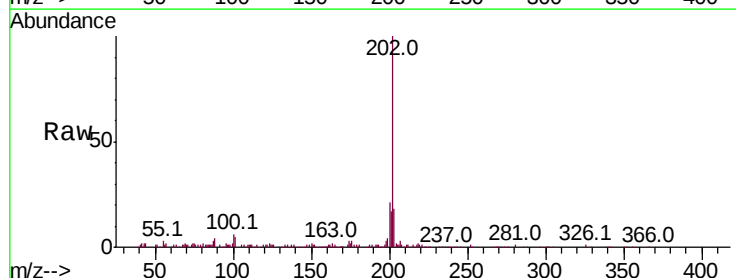
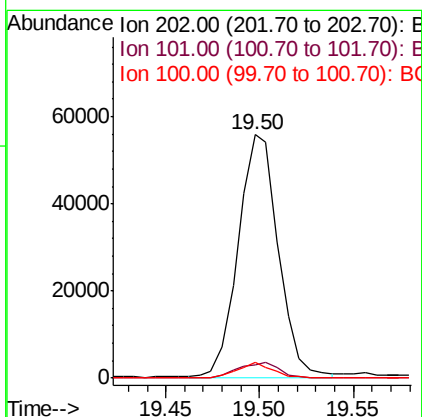
RT: 19.50 min Scan# 2793

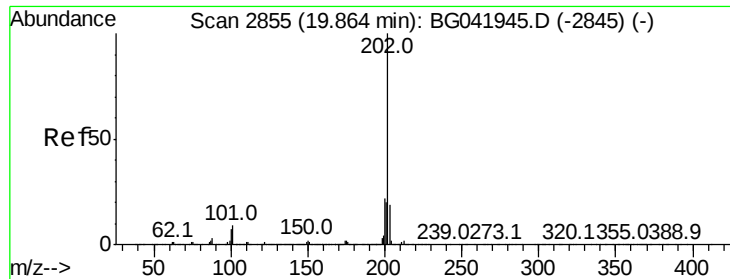
Delta R.T. -0.00 min

Lab File: BG041956.D

Acq: 5 Aug 2019 00:00

Tgt Ion:	202	Resp:	83549
Ion Ratio	Lower	Upper	
202	100		
101	5.3	6.7	10.1#
100	6.2	5.3	7.9





#79

Pvrene

Concen: 2.614 ng/ul

RT: 19.86 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041956.D

Acq: 5 Aug 2019 00:00

Instrument :

BNA_G

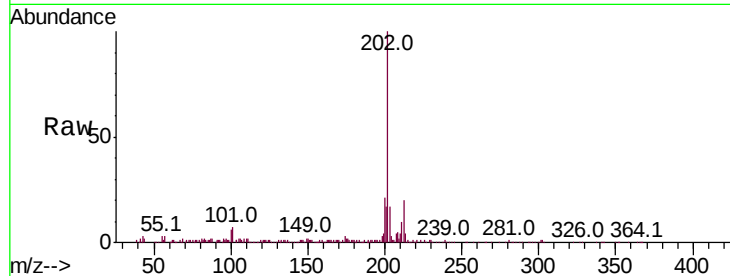
ClientSampleId :

BENZ6

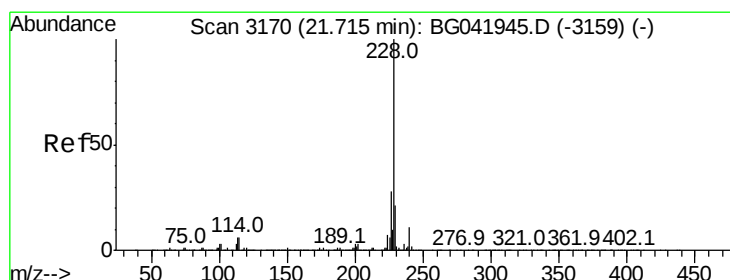
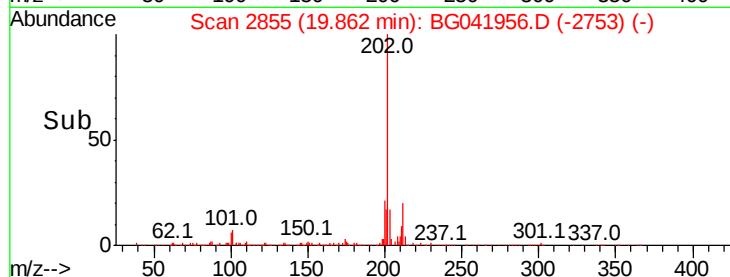
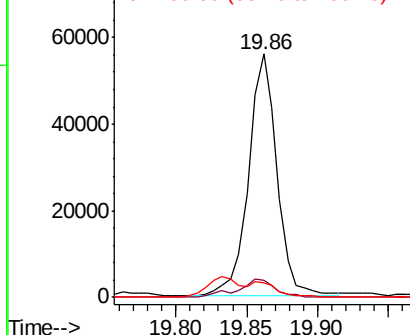
Tot Ion:	202	Resp:	78725
Ion Ratio	Lower	Upper	
202	100		
101	7.1	7.6	11.4#
100	6.2	6.5	9.7#

Manual Integrations
APPROVED

mohammad
8/5/2019 3:04:13 PM



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



#82

Benzo(a)anthracene

Concen: 1.478 ng/ul

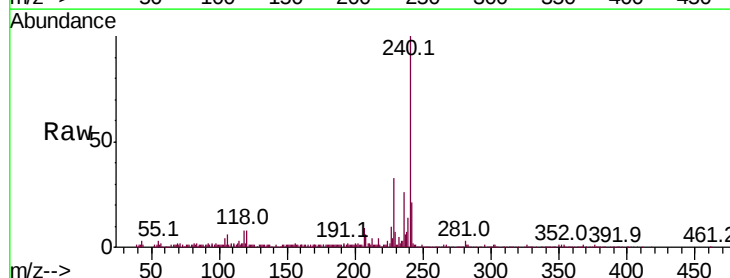
RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

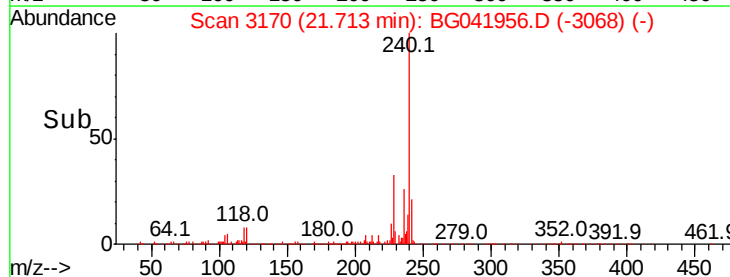
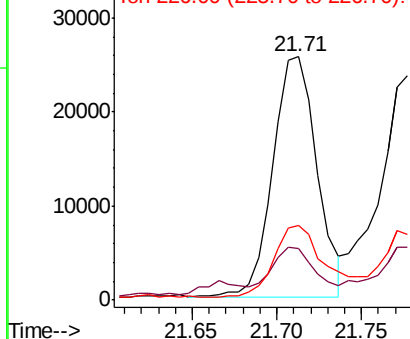
Lab File: BG041956.D

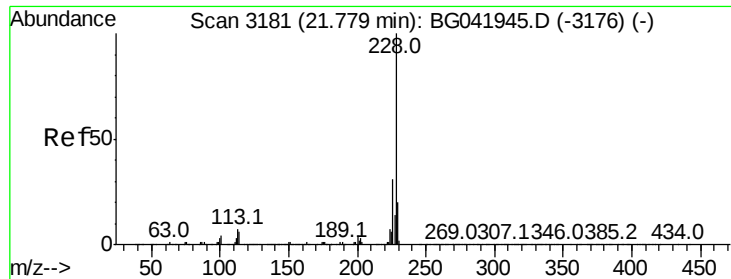
Acq: 5 Aug 2019 00:00

Tgt Ion:	228	Resp:	45875
Ion Ratio	Lower	Upper	
228	100		
229	21.2	17.0	25.6
226	30.8	23.3	34.9



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





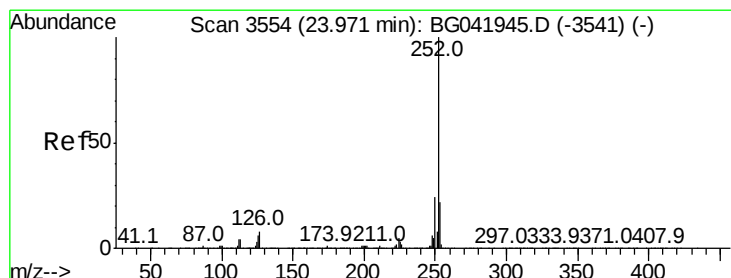
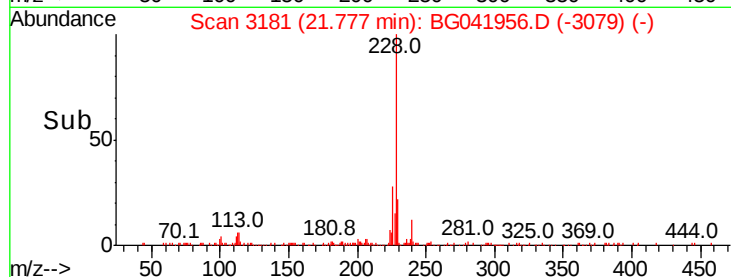
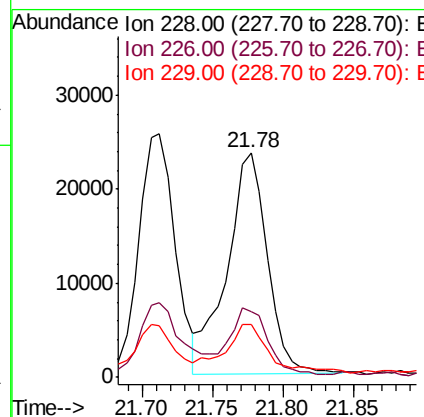
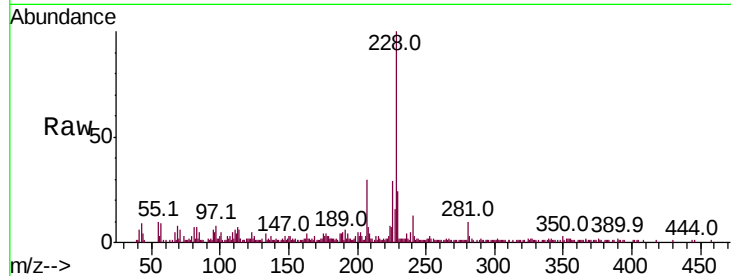
#84
Chrysene
Concen: 1.624 ng/ul
RT: 21.78 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BG041956.D
Acq: 5 Aug 2019 00:00

Instrument :
BNA_G
ClientSampleId :
BENZ6

Tot Ion:	228	Resp:	47041
Ion Ratio	Lower	Upper	
228	100		
226	29.0	25.7	38.5
229	23.6	16.6	24.8

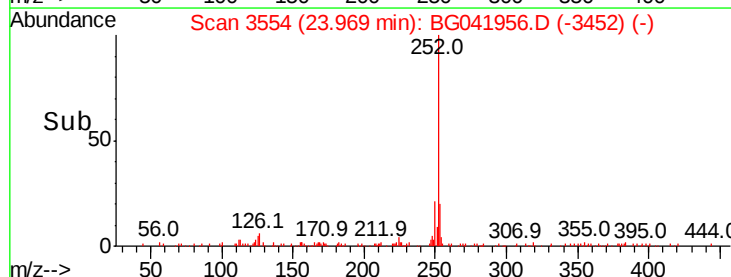
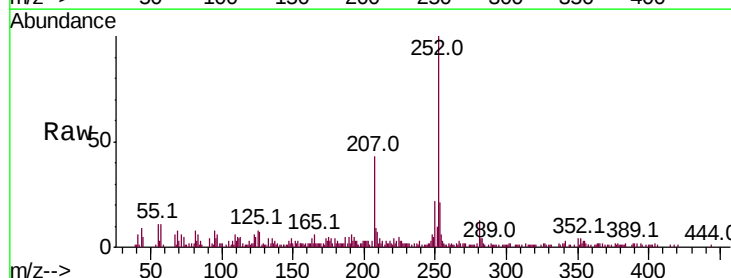
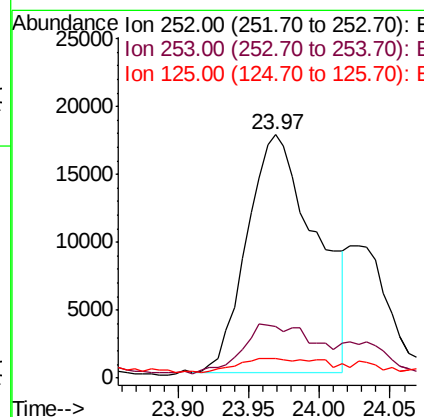
Manual Integrations
APPROVED

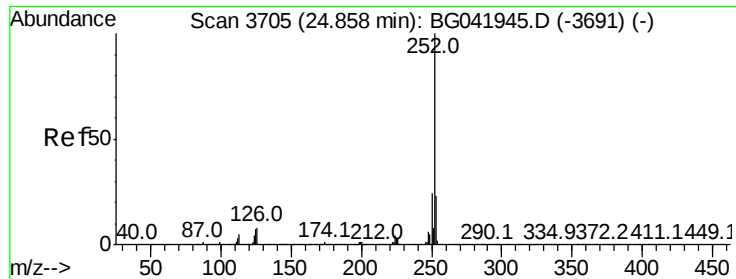
mohammad
8/5/2019 3:04:13 PM



#87
Benzo(b)fluoranthene
Concen: 1.914 ng/ul
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG041956.D
Acq: 5 Aug 2019 00:00

Tgt Ion:	252	Resp:	59511
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.4	27.6
125	8.0	5.8	8.8





#90

Benzo(a)pyrene

Concen: 1.468 ng/ul

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041956.D

Acq: 5 Aug 2019 00:00

Instrument :

BNA_G

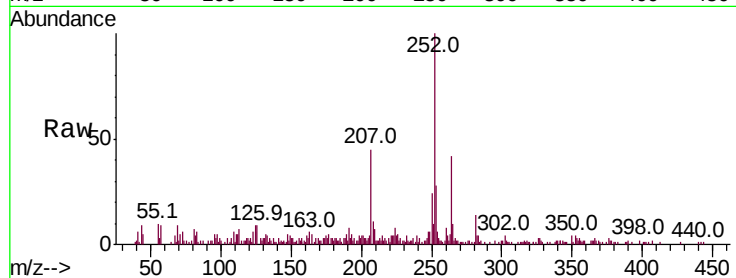
ClientSampleId :

BENZ6

Tot Ion:	252	Resp:	43488
Ion Ratio	Lower	Upper	
252	100		
253	27.7	18.3	27.5#
125	9.0	6.5	9.7

Manual Integrations
APPROVED

mohammad
8/5/2019 3:04:13 PM



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

