

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
 Data File : BG042187.D
 Acq On : 13 Aug 2019 19:07
 Operator : HP/JU
 Sample : K4215-09
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOC0

Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:35:53 AM

Quant Time: Aug 14 05:52:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:56:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	84886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	338728	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	233192	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	464887	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	482329	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	582381	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4823	2.49	ng/uL	0.00
5) Phenol-d5	7.18	99	113787	17.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	60819	16.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	106320	18.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	48709	8.71	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	55423	21.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	69583	23.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	111715	18.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	112236	16.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	392367	21.69	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	459086	22.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	33369	10.99	ng/ul	0.00
57) Fluorene-d10	15.68	176	359245	22.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	33269	11.15	ng/ul	0.00
70) Anthracene-d10	17.54	188	537446	24.10	ng/ul	0.00
78) Pyrene-d10	19.83	212	615979	22.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	709949	23.34	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.21	94	12158	1.768	ng/ul	95
28) Naphthalene	10.90	128	32650	1.885	ng/ul	98
34) 2-Methylnaphthalene	12.51	142	47509	3.452	ng/ul	96
44) Dimethylphthalate	14.13	163	160607	8.944	ng/ul	97
69) Phenanthrene	17.48	178	76516	3.006	ng/ul	98
76) Fluoranthene	19.49	202	119169m	4.053	ng/ul	
79) Pyrene	19.86	202	102307	3.153	ng/ul#	96
82) Benzo(a)anthracene	21.70	228	46956	1.404	ng/ul	96
84) Chrysene	21.77	228	44473m	1.425	ng/ul	
87) Benzo(b)fluoranthene	23.96	252	60417	1.653	ng/ul#	80
90) Benzo(a)pyrene	24.84	252	42835	1.230	ng/ul#	80

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

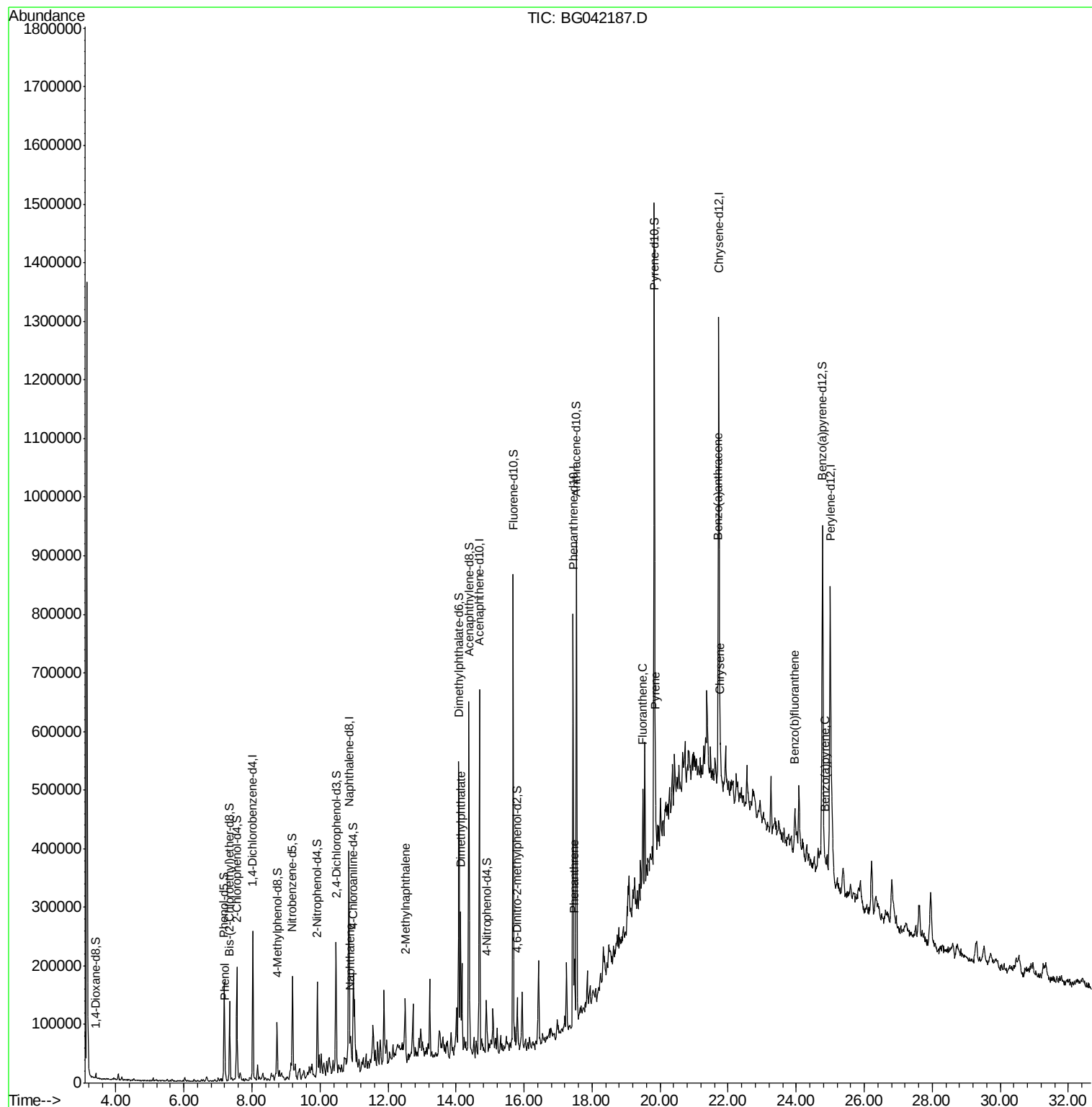
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042187.D
Acq On : 13 Aug 2019 19:07
Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

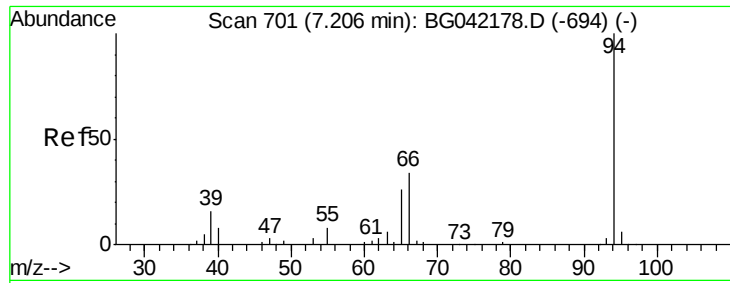
Instrument :
BNA_G
ClientSampleId :
ETOC0

Manual Integrations
APPROVED

mohammad
8/20/2019 8:35:53 AM

Quant Time: Aug 14 05:52:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 02:56:59 2019
Response via : Initial Calibration





#6

Phenol

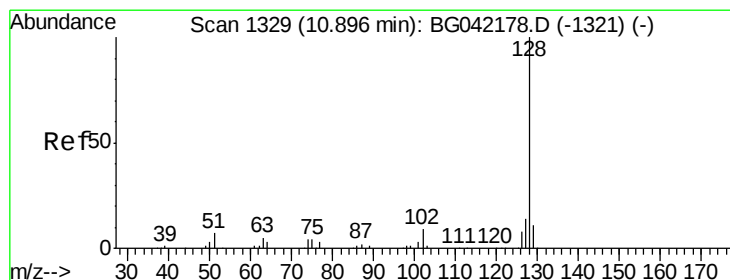
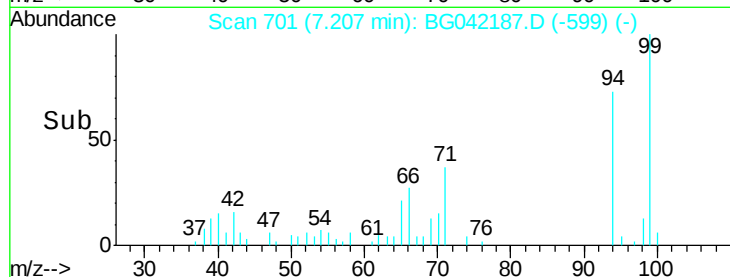
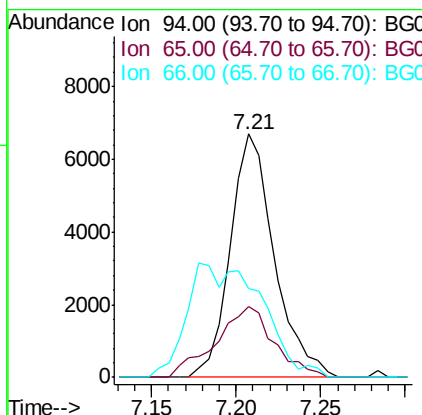
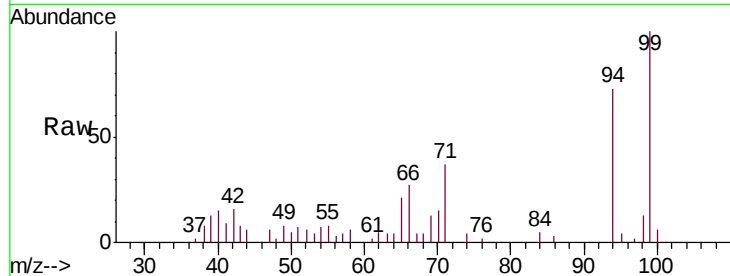
Concen: 1.768 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG042187.D
 Acq: 13 Aug 2019 19:07

Instrument :
 BNA_G
 ClientSampleId :
 ETOC0

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.2	25.8	38.6
66	36.6	31.8	47.8

Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:35:53 AM

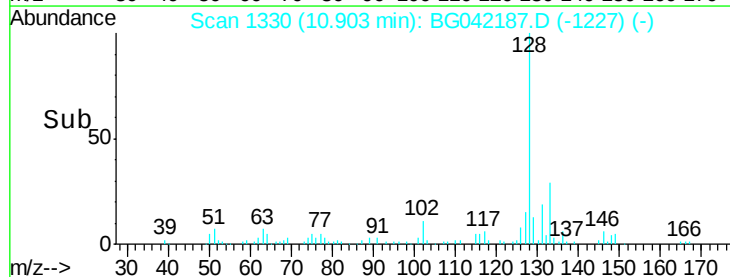
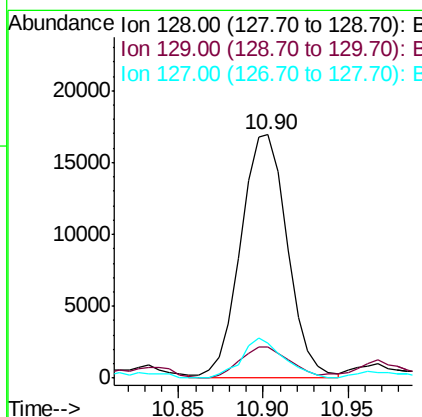
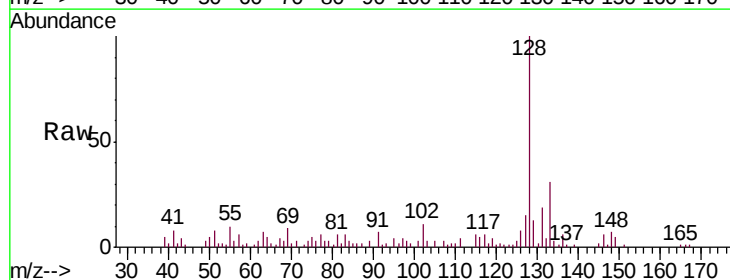


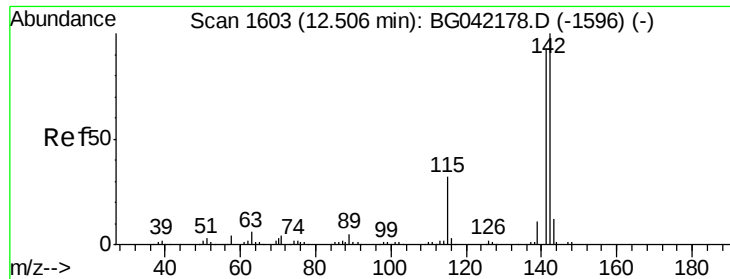
#28

Naphthalene

Concen: 1.885 ng/ul
 RT: 10.90 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BG042187.D
 Acq: 13 Aug 2019 19:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.5	14.3
127	14.6	11.4	17.0





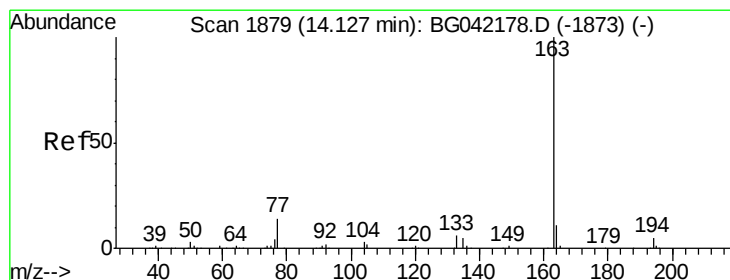
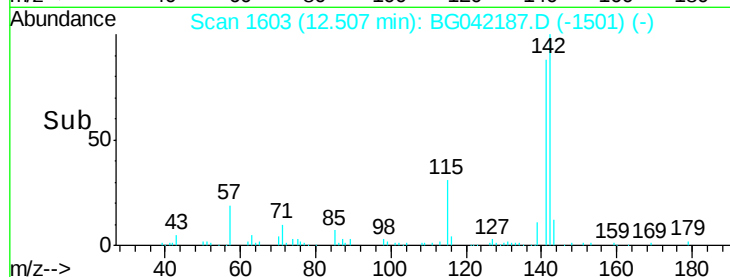
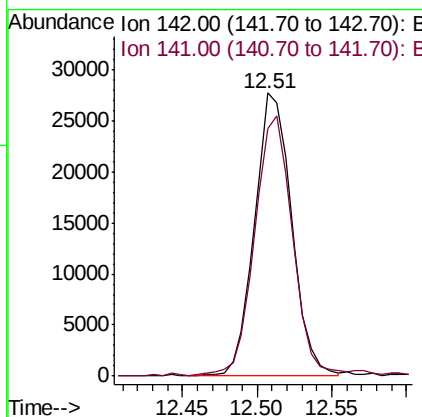
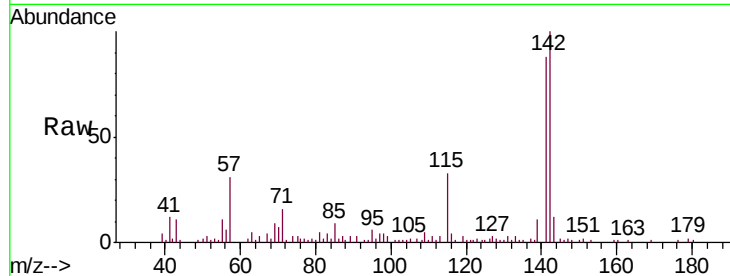
#34
2-Methylnaphthalene
Concen: 3.452 ng/ul
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG042187.D
Acq: 13 Aug 2019 19:07

Instrument :
BNA_G
ClientSampleId :
ETOC0

Tgt Ion:142 Resp: 47509
Ion Ratio Lower Upper
142 100
141 87.6 72.9 109.3

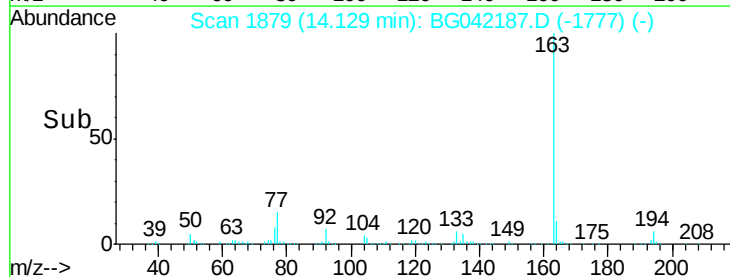
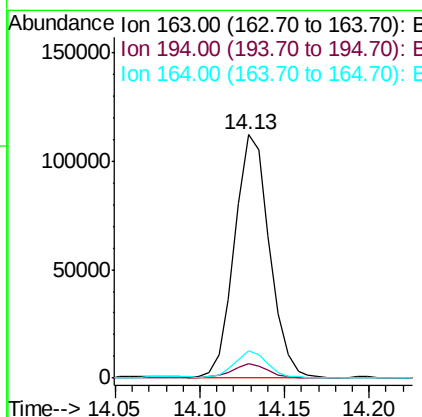
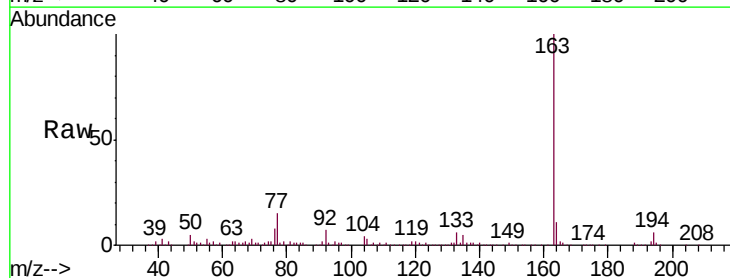
Manual Integrations
APPROVED

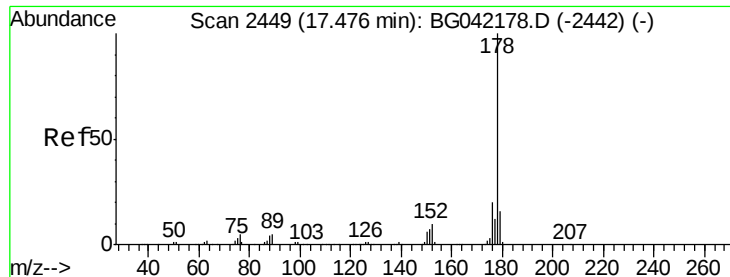
mohammad
8/20/2019 8:35:53 AM



#44
Dimethylphthalate
Concen: 8.944 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042187.D
Acq: 13 Aug 2019 19:07

Tgt Ion:163 Resp: 160607
Ion Ratio Lower Upper
163 100
194 5.8 4.2 6.2
164 11.2 7.8 11.8





#69

Phenanthrene

Concen: 3.006 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG042187.D

Acq: 13 Aug 2019 19:07

Instrument :

BNA_G

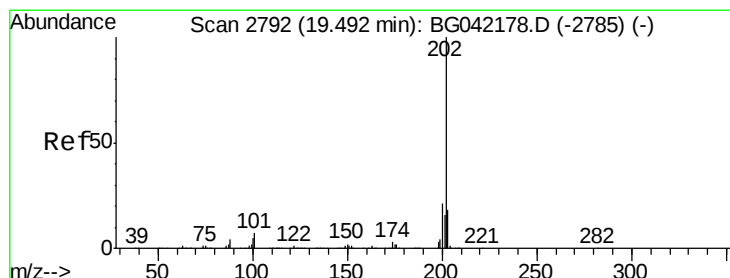
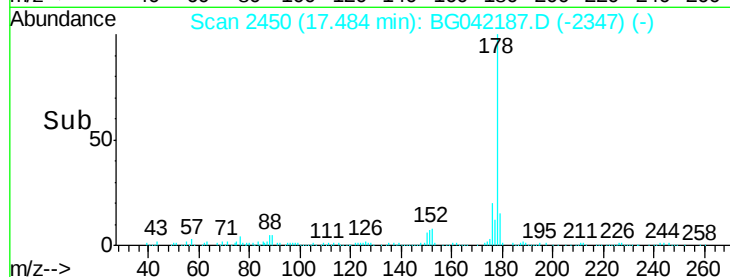
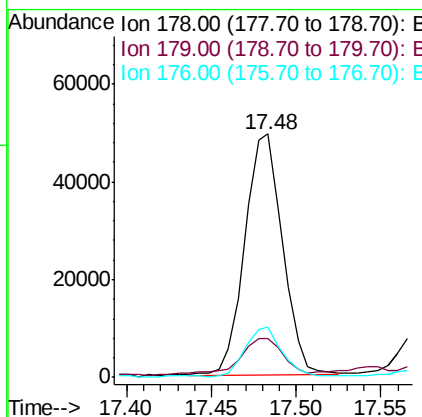
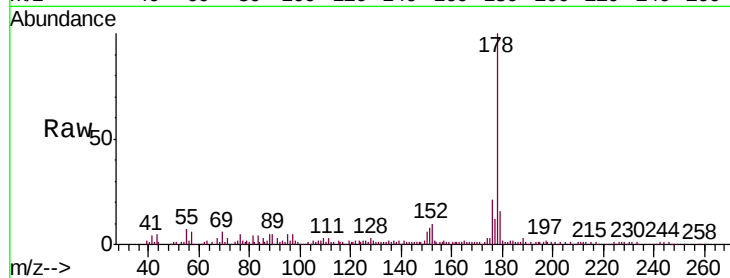
ClientSampleId :

ETOC0

Tgt Ion:	178	Resp:	76516
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.8	19.2
176	20.8	15.4	23.2

Manual Integrations
APPROVED

mohammad
8/20/2019 8:35:53 AM



#76

Fluoranthene

Concen: 4.053 ng/ul m

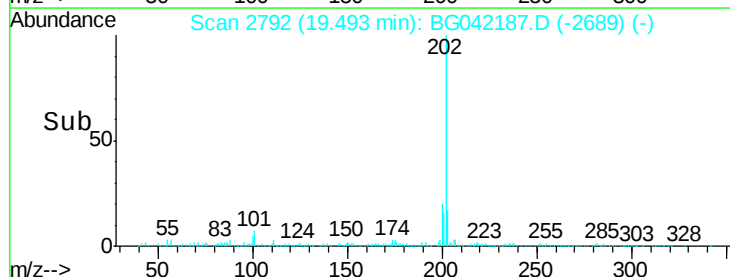
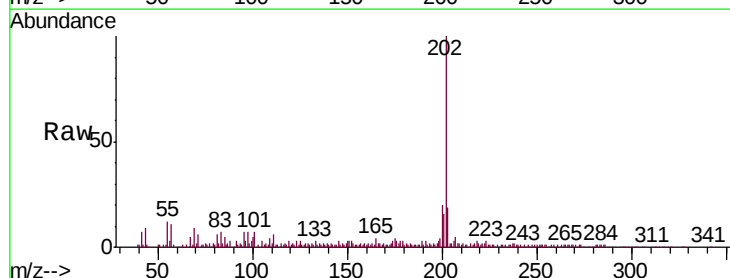
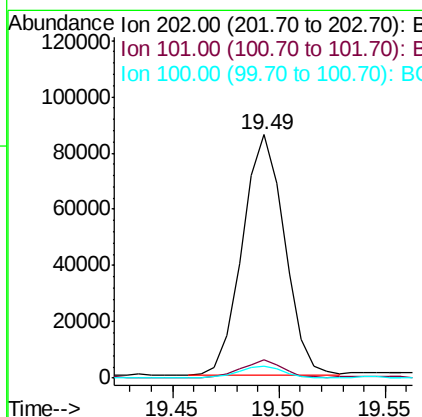
RT: 19.49 min Scan# 2792

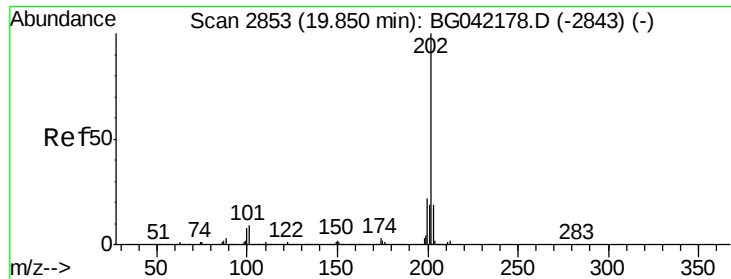
Delta R.T. 0.00 min

Lab File: BG042187.D

Acq: 13 Aug 2019 19:07

Tgt Ion:	202	Resp:	119169
Ion Ratio	Lower	Upper	
202	100		
101	7.4	6.7	10.1
100	4.9	5.3	7.9#





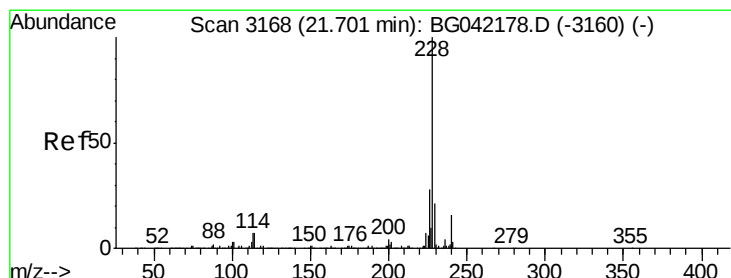
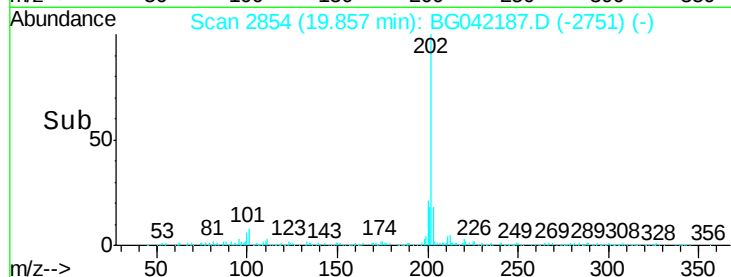
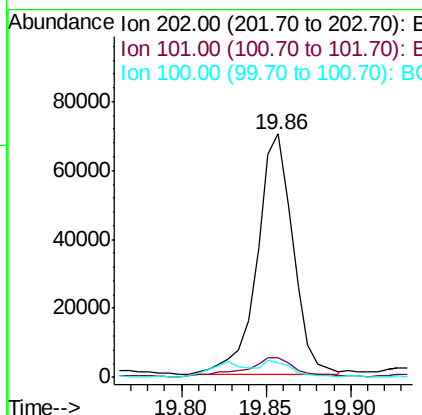
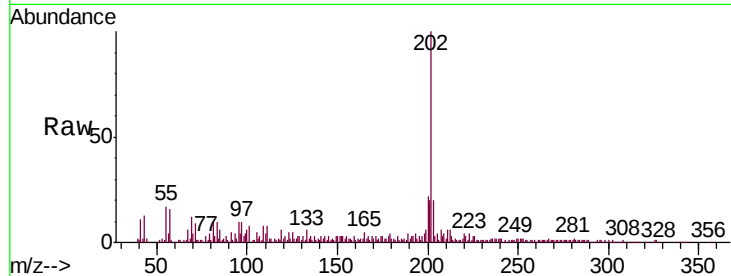
#79
 Pyrene
 Concen: 3.153 ng/ul
 RT: 19.86 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BG042187.D
 Acq: 13 Aug 2019 19:07

Instrument :
 BNA_G
 ClientSampleId :
 ETOC0

Tgt Ion:	202	Resp:	102307
Ion Ratio	Lower	Upper	
202	100		
101	8.3	7.6	11.4
100	6.1	6.5	9.7#

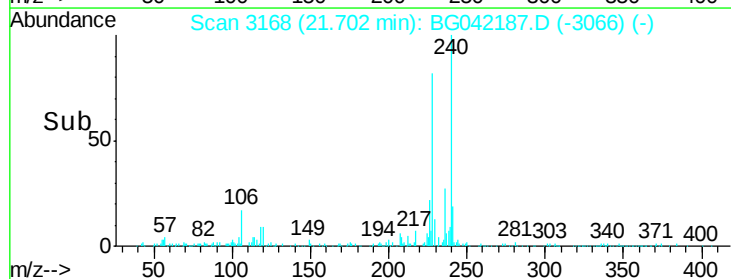
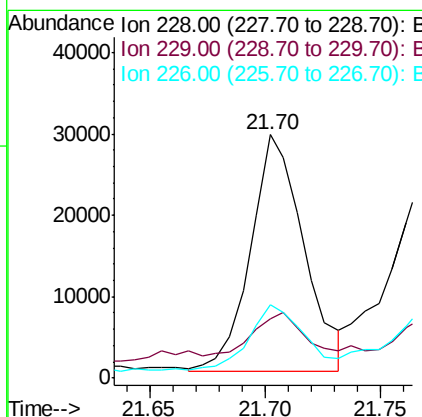
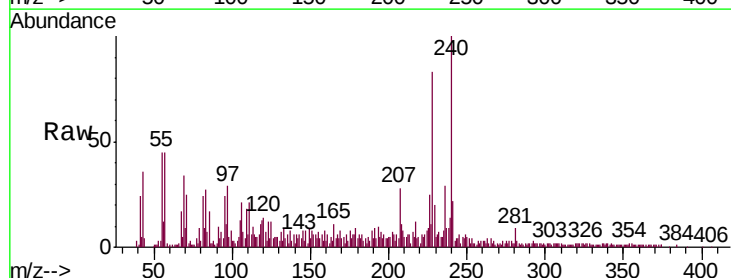
Manual Integrations
 APPROVED

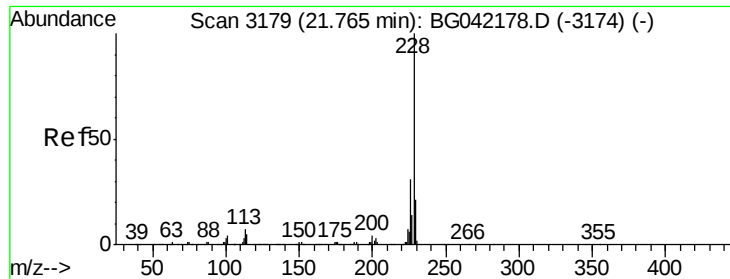
mohammad
 8/20/2019 8:35:53 AM



#82
 Benzo(a)anthracene
 Concen: 1.404 ng/ul
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG042187.D
 Acq: 13 Aug 2019 19:07

Tgt Ion:	228	Resp:	46956
Ion Ratio	Lower	Upper	
228	100		
229	24.2	17.0	25.6
226	30.3	23.3	34.9





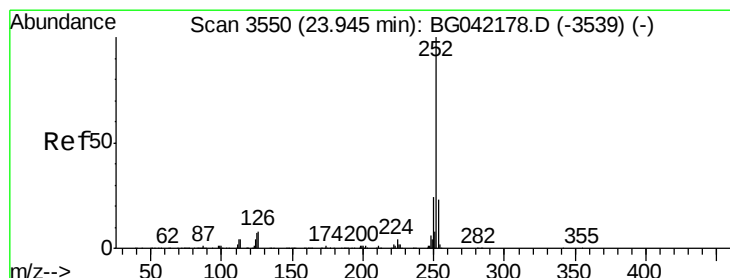
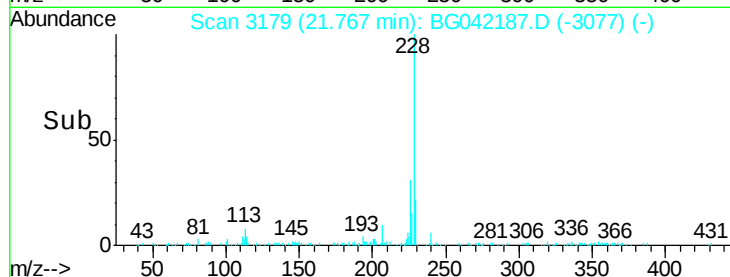
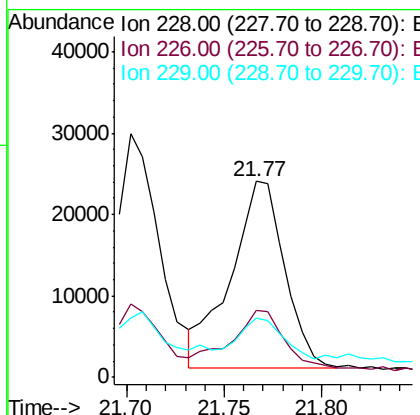
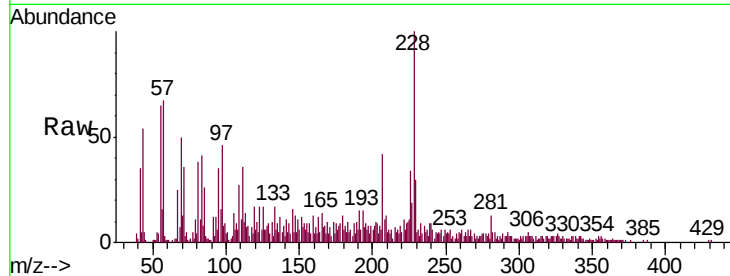
#84
Chrysene
Concen: 1.425 ng/ul m
RT: 21.77 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BG042187.D
Acq: 13 Aug 2019 19:07

Instrument :
BNA_G
ClientSampleId :
ETOC0

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.3	25.7	38.5
229	30.1	16.6	24.8

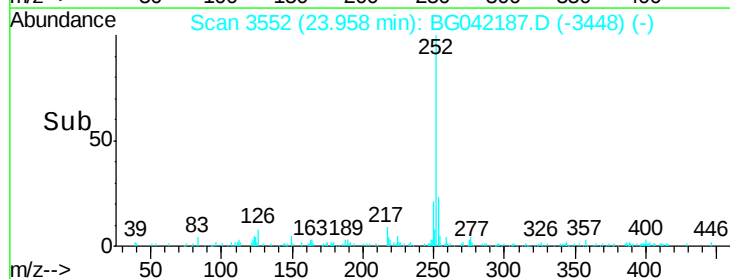
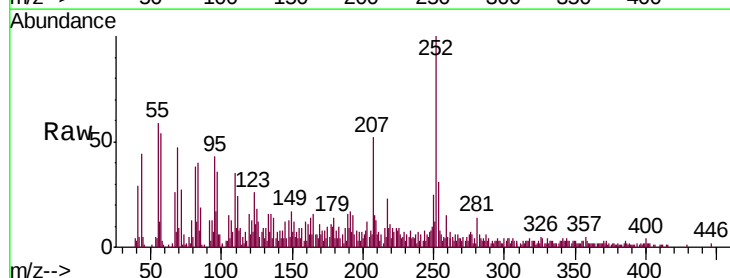
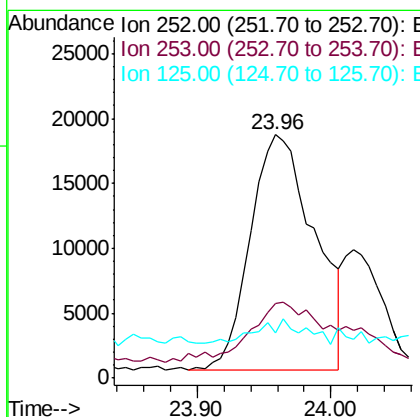
Manual Integrations
APPROVED

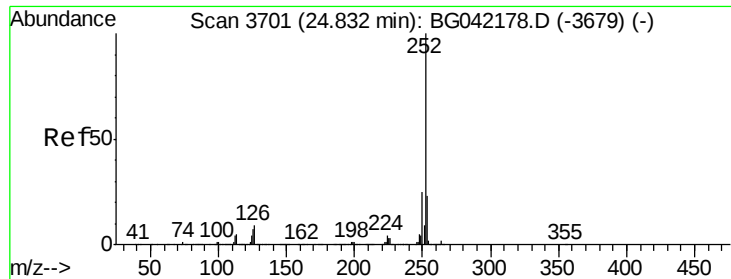
mohammad
8/20/2019 8:35:53 AM



#87
Benzo(b)fluoranthene
Concen: 1.653 ng/ul
RT: 23.96 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BG042187.D
Acq: 13 Aug 2019 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.9	18.4	27.6
125	18.4	5.8	8.8





#90

Benzo(a)pyrene

Concen: 1.230 ng/ul

RT: 24.84 min Scan# 3702

Delta R.T. 0.00 min

Lab File: BG042187.D

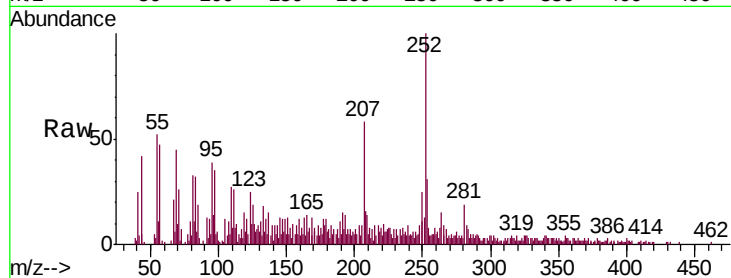
Acq: 13 Aug 2019 19:07

Instrument :

BNA_G

ClientSampleId :

ETOC0



Tgt Ion:	252	Resp:	42835
Ion Ratio	Lower	Upper	
252	100		
253	30.8	18.3	27.5#
125	19.4	6.5	9.7#

Manual Integrations
APPROVED

mohammad
8/20/2019 8:35:53 AM

