

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042044.D
 Acq On : 7 Aug 2019 23:21
 Operator : HP/JU
 Sample : K4029-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENX5

Manual Integrations
 APPROVED

mohammad
 8/9/2019 4:30:29 PM

Quant Time: Aug 08 03:52:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 01:36:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	69967	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	286743	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	205636	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	444255	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	440670	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	518346	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	8057	5.04	ng/uL	0.00
5) Phenol-d5	7.17	99	164147	29.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	94506	30.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	155860	33.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	120076	26.05	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	80559	37.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	99750	39.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	181843	35.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	184094	32.79	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	583785	36.60	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	667829	36.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	58537	21.86	ng/ul	0.00
57) Fluorene-d10	15.68	176	512683	36.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	74756	26.23	ng/ul	0.00
70) Anthracene-d10	17.54	188	797207	37.40	ng/ul	0.00
78) Pyrene-d10	19.82	212	891896	36.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	1023371	37.79	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	14.13	163	214625	13.554	ng/ul	98
69) Phenanthrene	17.48	178	75077	3.087	ng/ul	97
76) Fluoranthene	19.49	202	191732m	6.823	ng/ul	
79) Pyrene	19.85	202	176174	5.943	ng/ul	96
82) Benzo(a)anthracene	21.70	228	107878	3.531	ng/ul	99
84) Chrysene	21.76	228	112725	3.953	ng/ul	96
87) Benzo(b)fluoranthene	23.95	252	144976	4.457	ng/ul	99
88) Benzo(k)fluoranthene	24.01	252	53923m	1.724	ng/ul	
90) Benzo(a)pyrene	24.83	252	106213m	3.427	ng/ul	
91) Indeno(1,2,3-cd)pyrene	28.71	276	70980m	1.963	ng/ul	
93) Benzo(g,h,i)perylene	29.85	276	62165m	2.059	ng/ul	

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

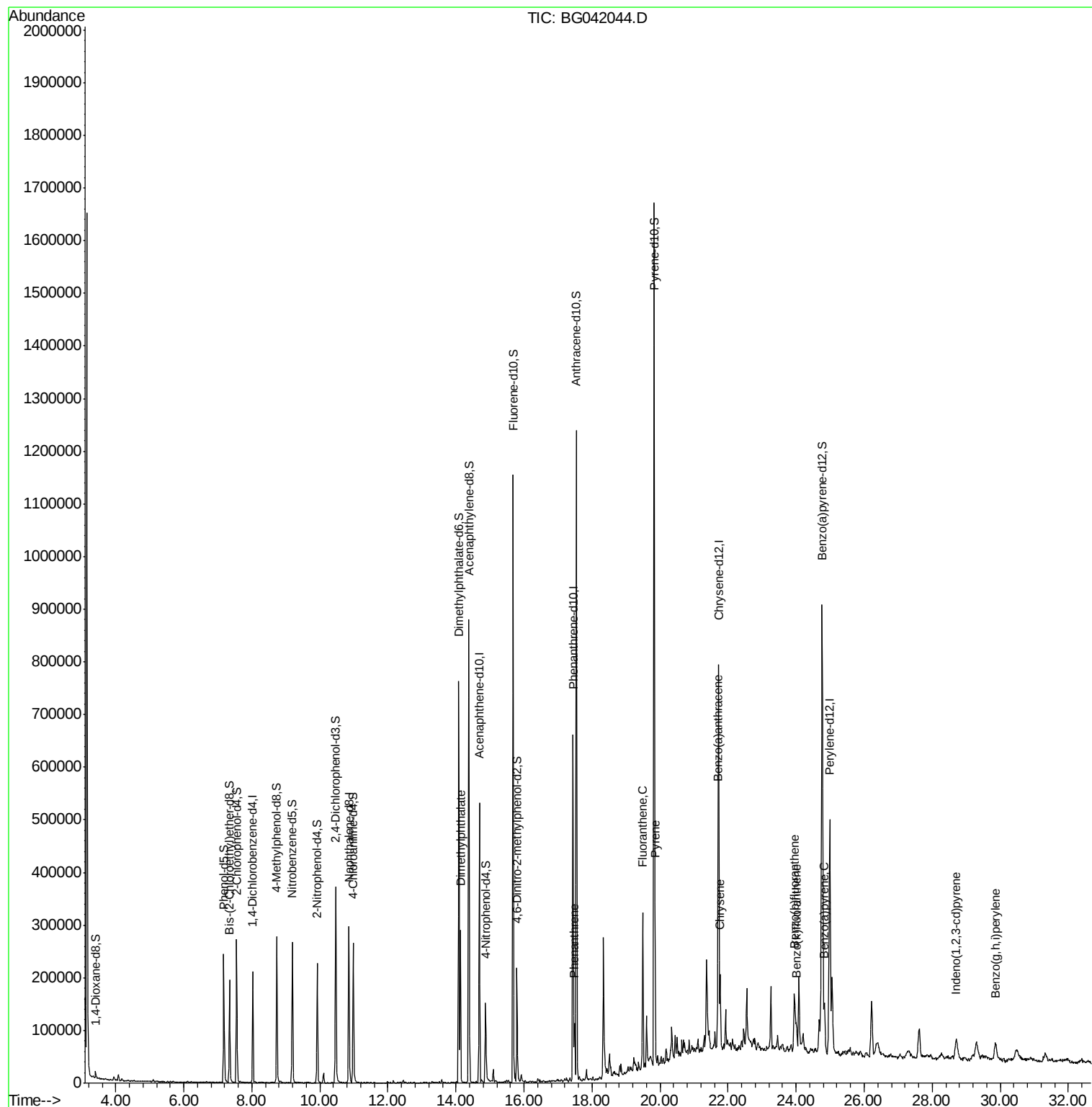
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042044.D
Acq On : 7 Aug 2019 23:21
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

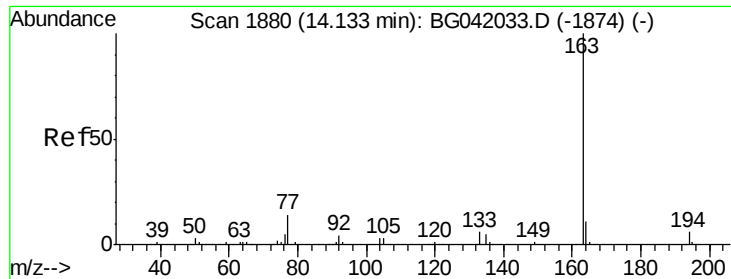
Instrument :
BNA_G
ClientSampleId :
BENX5

Manual Integrations
APPROVED

mohammad
8/9/2019 4:30:29 PM

Quant Time: Aug 08 03:52:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration





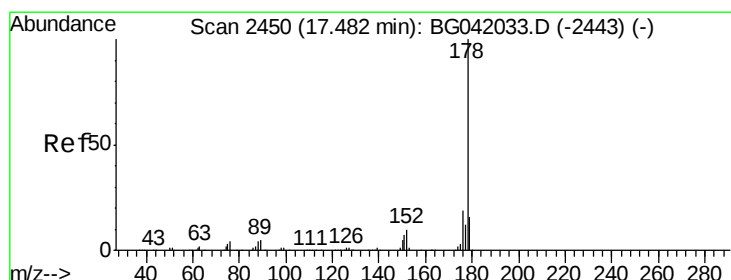
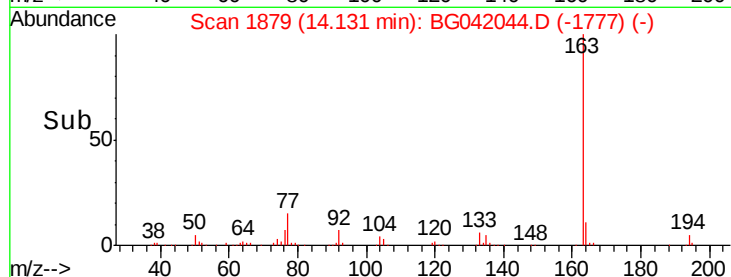
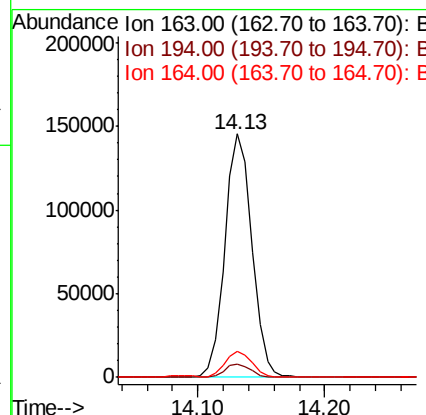
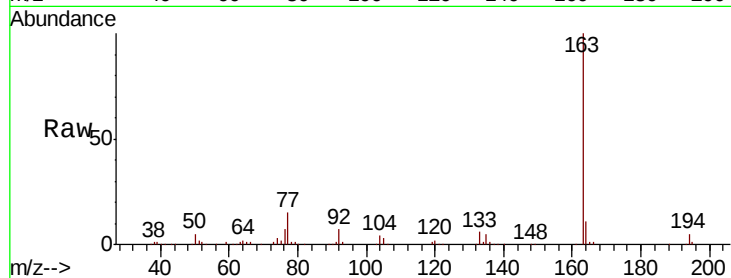
#44
Dimethylphthalate
Concen: 13.554 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042044.D
Acq: 7 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :
BENX5

Tot Ion:	163	Resp:	214625
Ion Ratio	Lower	Upper	
163	100		
194	5.4	4.2	6.2
164	10.8	7.8	11.8

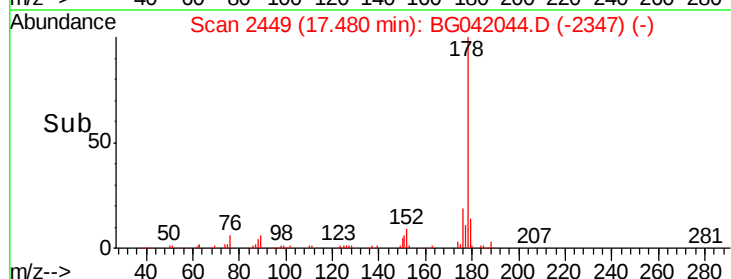
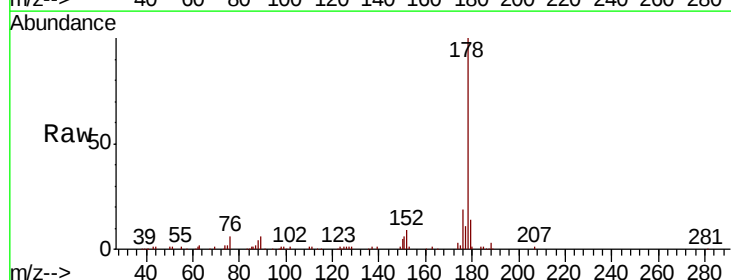
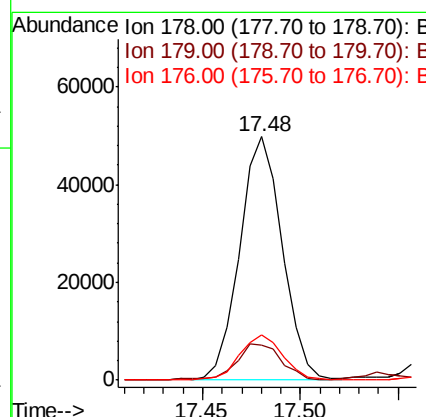
Manual Integrations
APPROVED

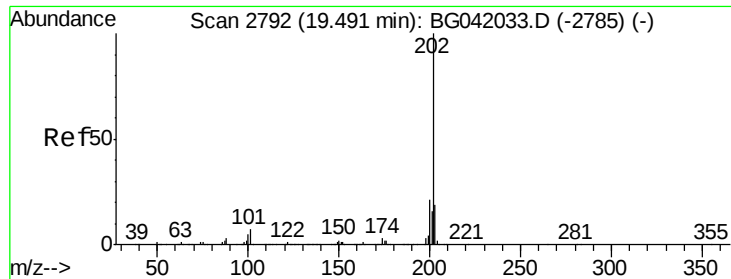
mohammad
8/9/2019 4:30:29 PM



#69
Phenanthrene
Concen: 3.087 ng/ul
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG042044.D
Acq: 7 Aug 2019 23:21

Tgt Ion:	178	Resp:	75077
Ion Ratio	Lower	Upper	
178	100		
179	14.2	12.8	19.2
176	18.6	15.4	23.2





#76

Fluoranthene

Concen: 6.823 ng/ul m

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG042044.D

Acq: 7 Aug 2019 23:21

Instrument :

BNA_G

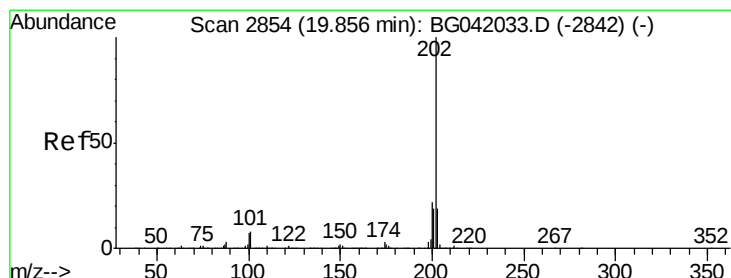
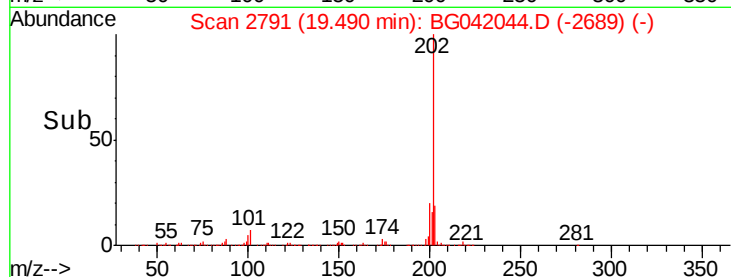
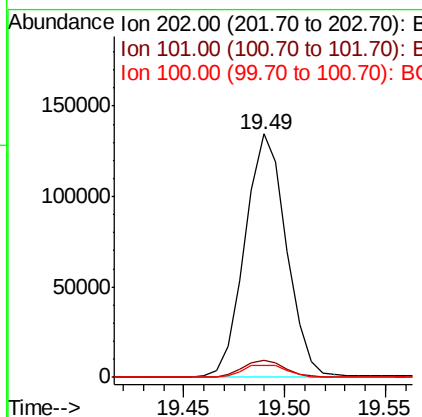
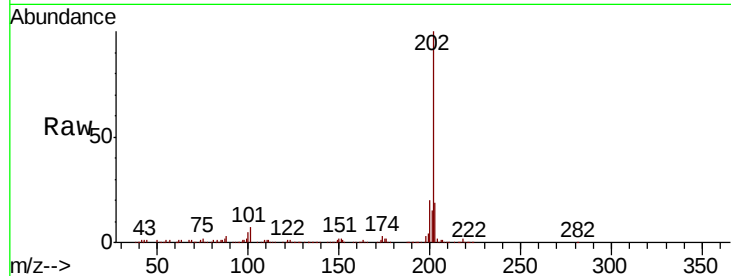
ClientSampled :

BENX5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		191732		
101	6.9	6.7	10.1		
100	5.1	5.3	7.9#		

Manual Integrations
APPROVED

mohammad
8/9/2019 4:30:29 PM



#79

Pyrene

Concen: 5.943 ng/ul

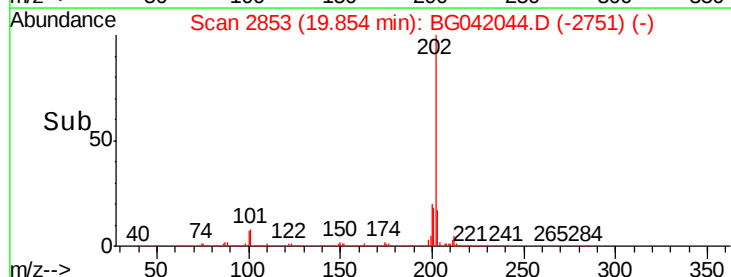
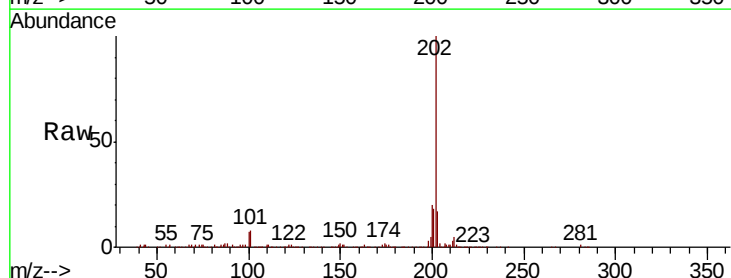
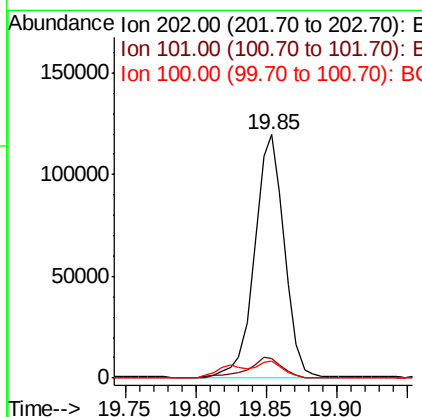
RT: 19.85 min Scan# 2853

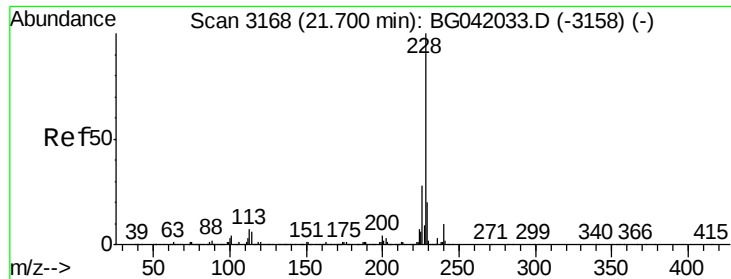
Delta R.T. -0.00 min

Lab File: BG042044.D

Acq: 7 Aug 2019 23:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		176174		
101	7.8	7.6	11.4		
100	6.9	6.5	9.7		





#82

Benzo(a)anthracene

Concen: 3.531 ng/ul

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042044.D

Acq: 7 Aug 2019 23:21

Instrument :

BNA_G

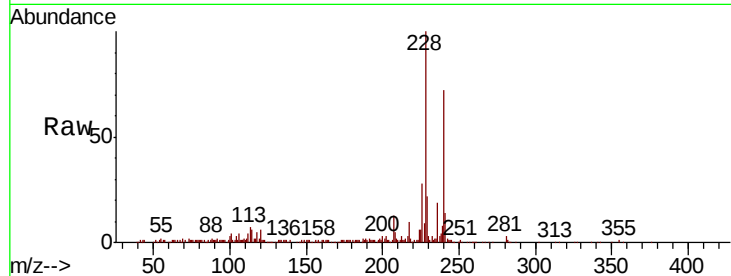
ClientSampleId :

BENX5

Tot Ion:	228	Resp:	107878
Ion Ratio	Lower	Upper	
228	100		
229	21.8	17.0	25.6
226	28.3	23.3	34.9

Manual Integrations
APPROVED

mohammad
8/9/2019 4:30:29 PM

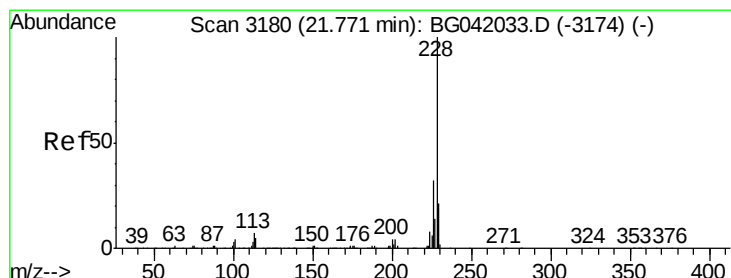
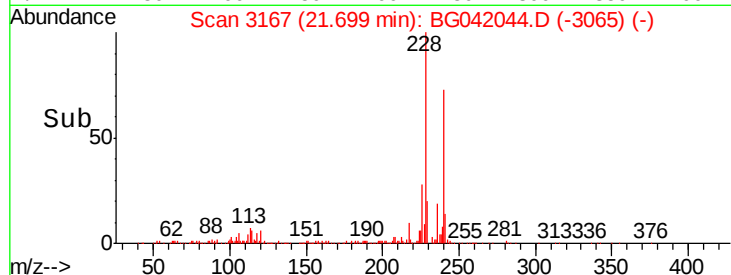
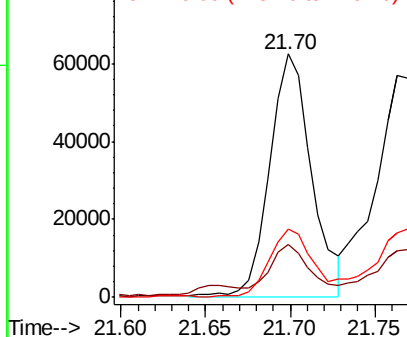


Abundance

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: 3.953 ng/ul

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG042044.D

Acq: 7 Aug 2019 23:21

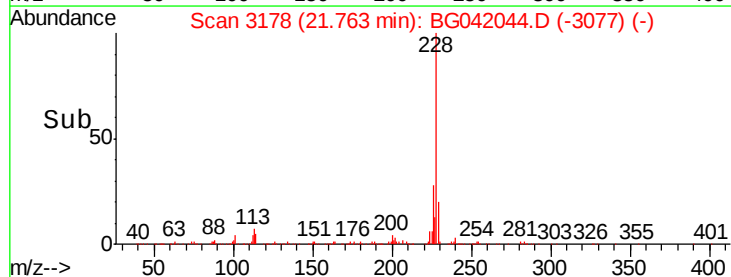
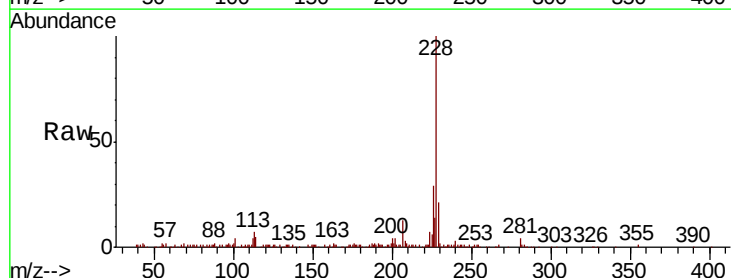
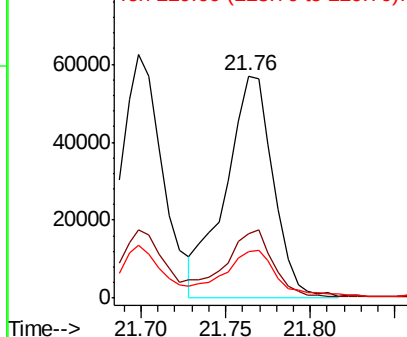
Tgt Ion:	228	Resp:	112725
Ion Ratio	Lower	Upper	
228	100		
226	28.8	25.7	38.5
229	21.0	16.6	24.8

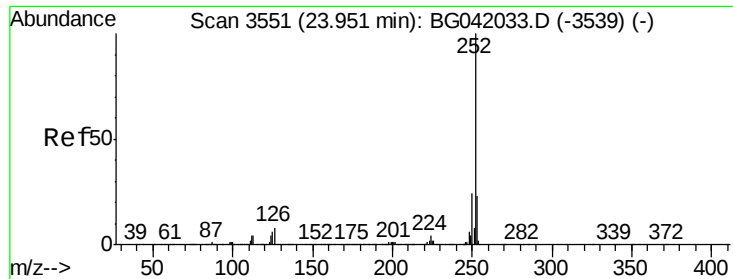
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 4.457 ng/ul

RT: 23.95 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BG042044.D

Acq: 7 Aug 2019 23:21

Instrument :

BNA_G

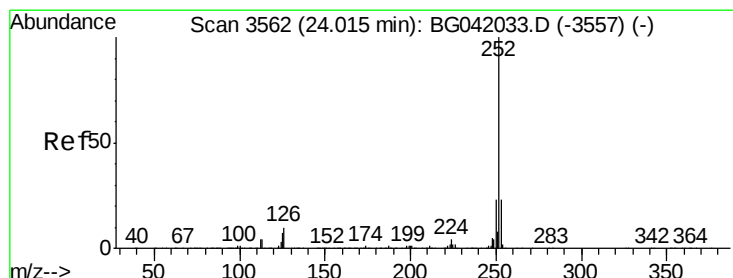
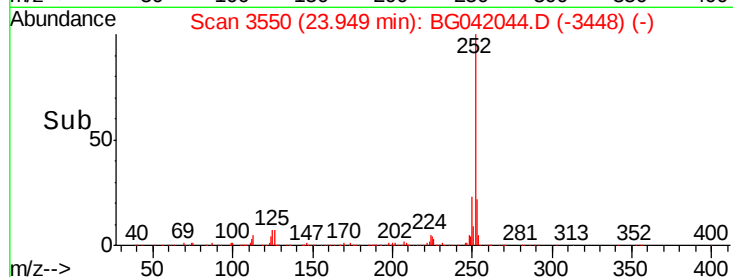
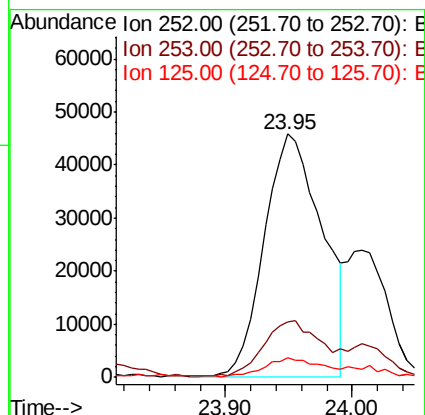
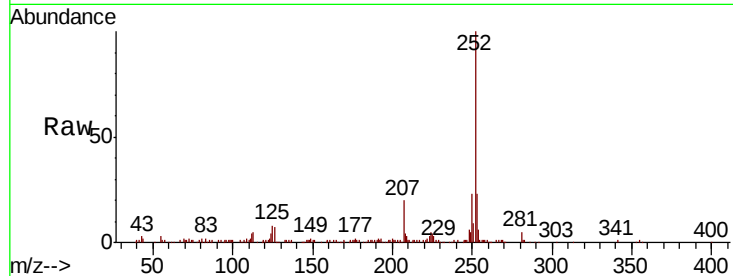
ClientSampleId :

BENX5

Tot Ion:	252	Resp:	144976
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.4	27.6
125	7.9	5.8	8.8

Manual Integrations
APPROVED

mohammad
8/9/2019 4:30:29 PM



#88

Benzo(k)fluoranthene

Concen: 1.724 ng/ul m

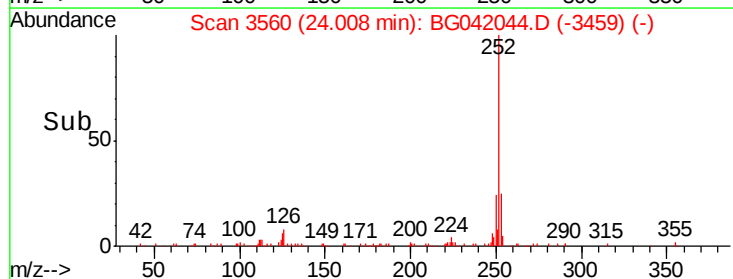
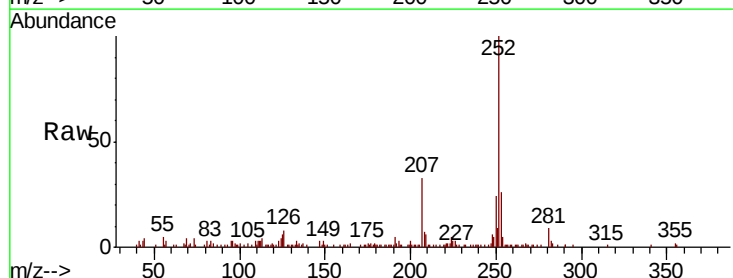
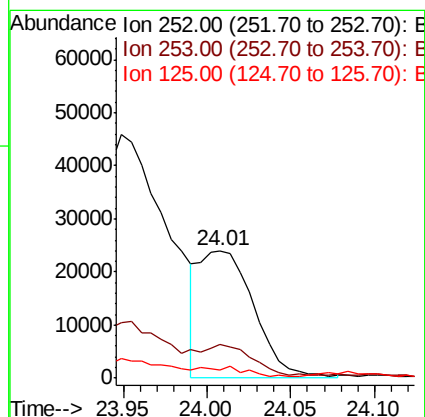
RT: 24.01 min Scan# 3560

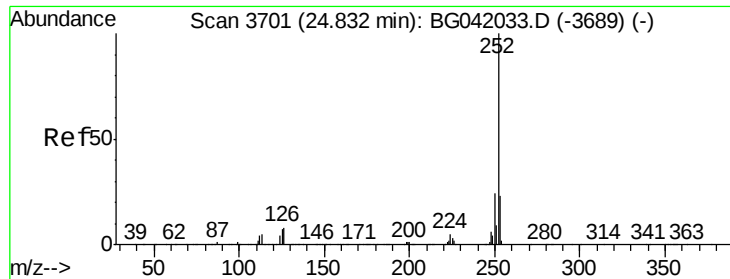
Delta R.T. -0.01 min

Lab File: BG042044.D

Acq: 7 Aug 2019 23:21

Tgt Ion:	252	Resp:	53923
Ion Ratio	Lower	Upper	
252	100		
253	26.0	18.3	27.5
125	6.3	5.5	8.3





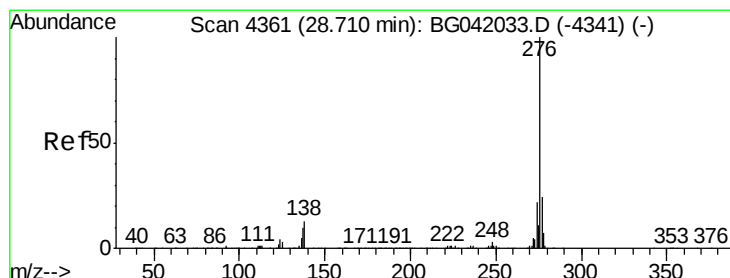
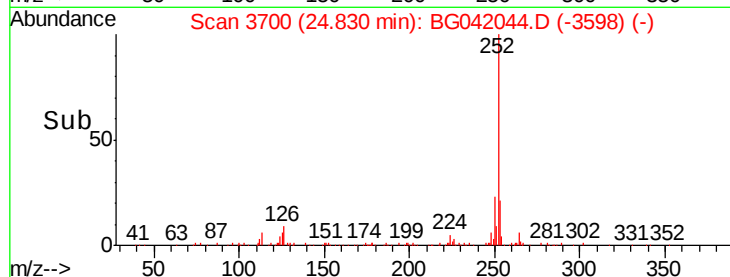
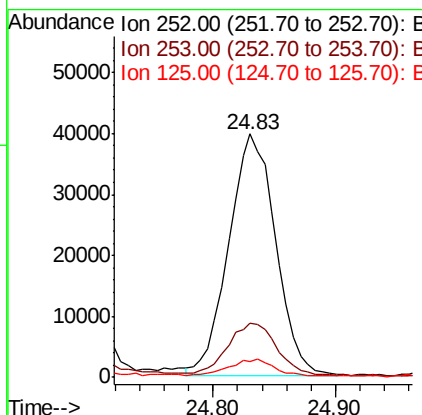
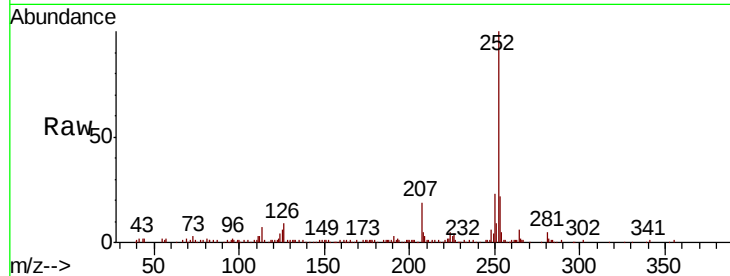
#90
Benzo(a)pyrene
Concen: 3.427 ng/ul m
RT: 24.83 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BG042044.D
Acq: 7 Aug 2019 23:21

Instrument :
BNA_G
ClientSampled :
BENX5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	6.5	6.5	9.7#

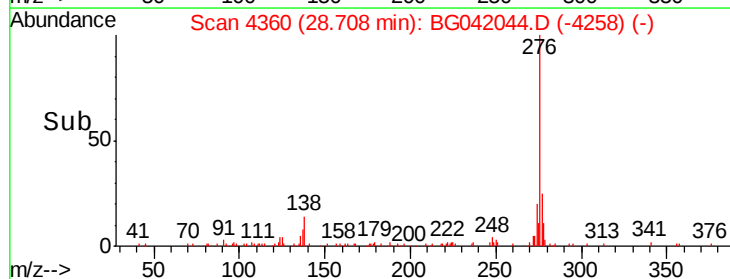
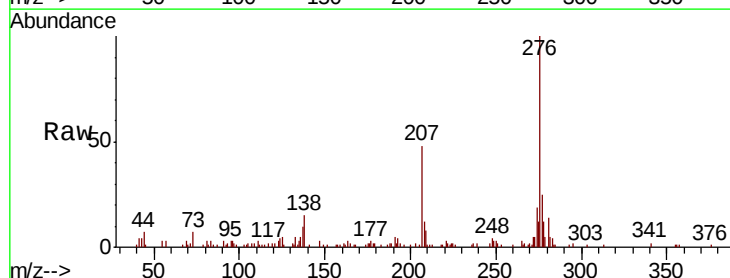
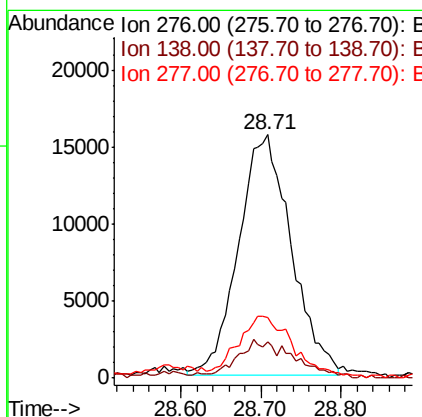
Manual Integrations
APPROVED

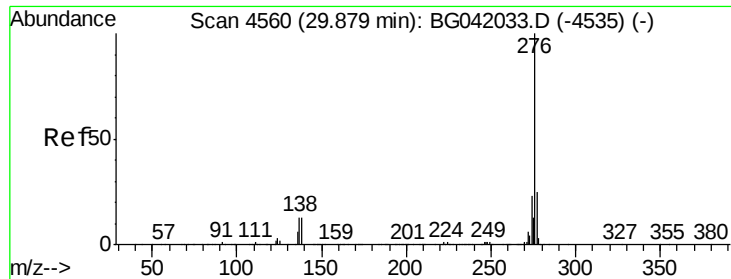
mohammad
8/9/2019 4:30:29 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 1.963 ng/ul m
RT: 28.71 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BG042044.D
Acq: 7 Aug 2019 23:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.0	18.0
277	25.0	19.2	28.8





#93

Benzo(a,h,i)perylene

Concen: 2.059 ng/ul m

RT: 29.85 min Scan# 4555

Delta R.T. -0.03 min

Lab File: BG042044.D

Acq: 7 Aug 2019 23:21

Instrument :

BNA_G

ClientSampleId :

BENX5

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.1	12.6	18.8
277	24.9	19.2	28.8

Manual Integrations
APPROVED

mohammad
8/9/2019 4:30:29 PM

