

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043106.D
 Acq On : 9 Oct 2019 17:08
 Operator : JU
 Sample : K5175-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP83

Manual Integrations
 APPROVED

mohammad
 10/12/2019 7:30:43 AM

Quant Time: Oct 10 00:08:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 15:33:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45276	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	187867	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	141751	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	326487	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	359933	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	431022	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	4205	4.49	ng/uL	0.00
5) Phenol-d5	7.23	99	69492	20.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	46447	24.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	63033	23.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	43653	15.13	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	34286	25.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	41779	27.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	67481	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	57524m	17.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	308075	27.03	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	335039	27.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.92	143	20079m	13.29	ng/ul	0.03
57) Fluorene-d10	15.67	176	262891	27.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.77	200	32029	15.29	ng/ul	0.00
70) Anthracene-d10	17.52	188	437137	28.34	ng/ul	0.00
78) Pyrene-d10	19.80	212	536731	30.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	630337	29.59	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.26	94	3828	1.120	ng/ul#	55
44) Dimethylphthalate	14.12	163	106526	9.678	ng/ul	98
69) Phenanthrene	17.46	178	88129	5.229	ng/ul	99
76) Fluoranthene	19.47	202	254179	11.822	ng/ul	99
79) Pyrene	19.83	202	251673	11.369	ng/ul	98
82) Benzo(a)anthracene	21.67	228	163459	6.787	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	56298	4.709	ng/ul	97
84) Chrysene	21.73	228	165816	7.316	ng/ul	99
87) Benzo(b)fluoranthene	23.88	252	211723	8.254	ng/ul	96
88) Benzo(k)fluoranthene	23.95	252	74745m	2.982	ng/ul	
90) Benzo(a)pyrene	24.76	252	151951m	6.189	ng/ul	
91) Indeno(1,2,3-cd)pyrene	28.56	276	101436m	3.409	ng/ul	
92) Dibenzo(a,h)anthracene	28.61	278	31420m	1.244	ng/ul	
93) Benzo(g,h,i)perylene	29.69	276	87527m	3.470	ng/ul	

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

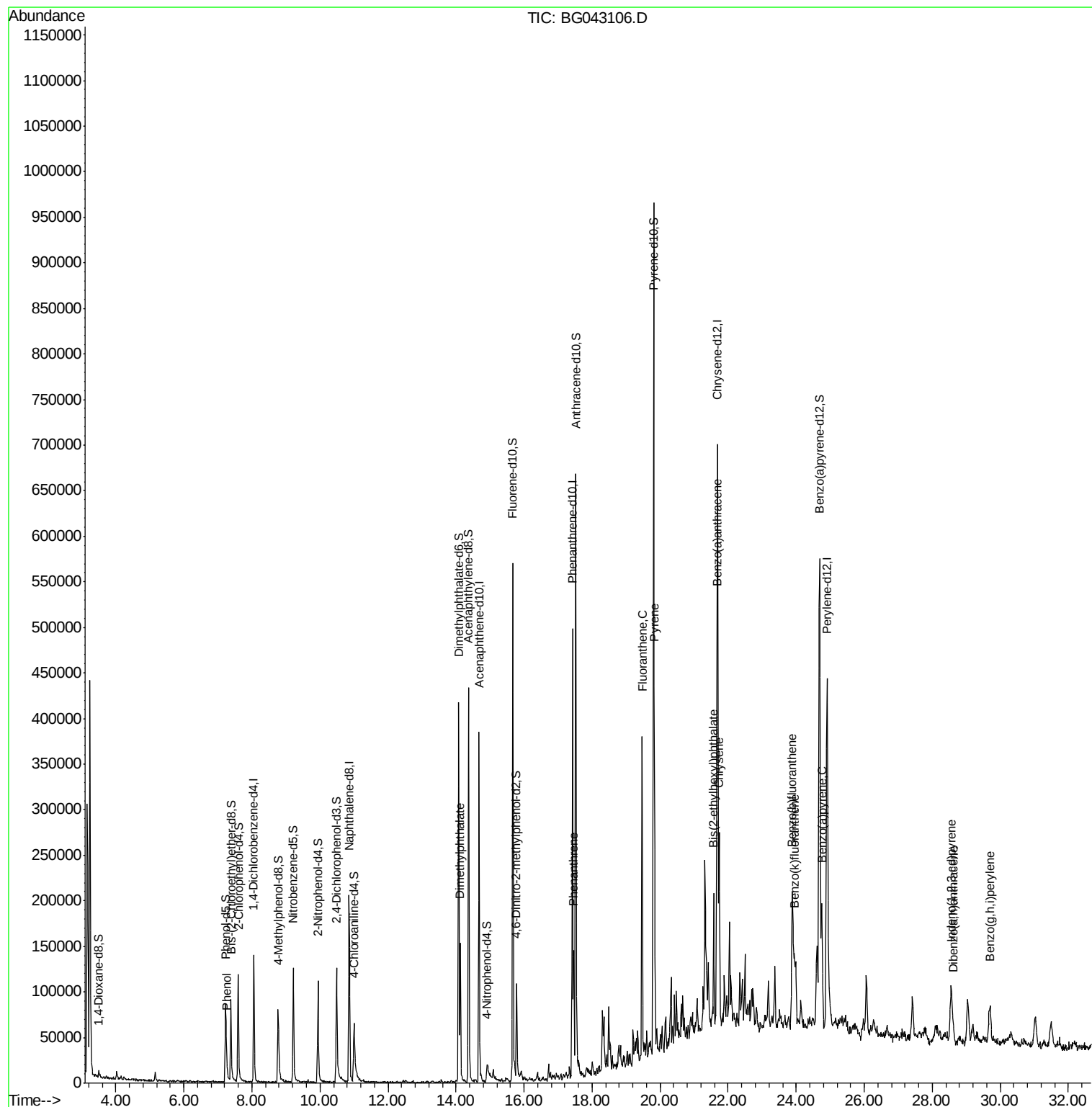
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043106.D
Acq On : 9 Oct 2019 17:08
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

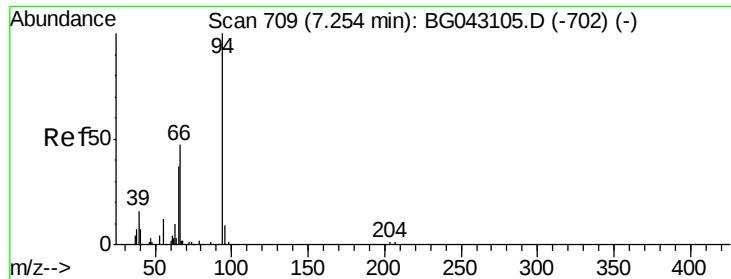
Instrument :
BNA_G
Client Sample ID :
BEP83

Manual Integrations
APPROVED

mohammad
10/12/2019 7:30:43 AM

Quant Time: Oct 10 00:08:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.120 ng/ul

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG043106.D

Acq: 9 Oct 2019 17:08

Instrument :

BNA_G

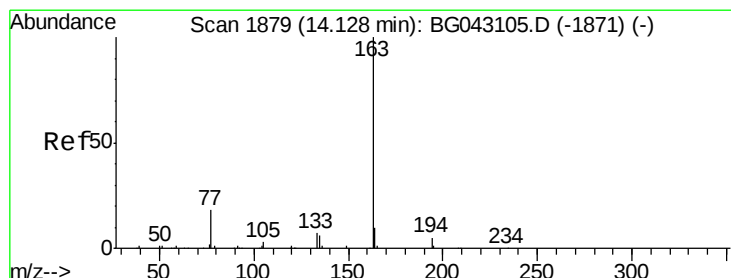
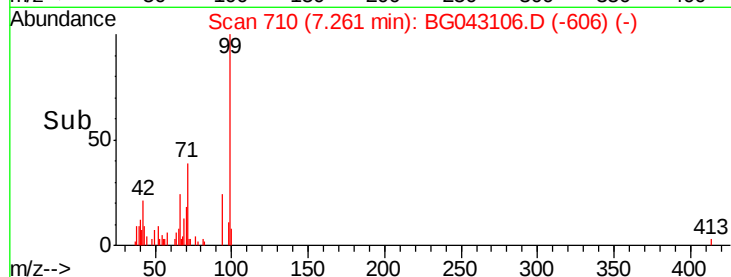
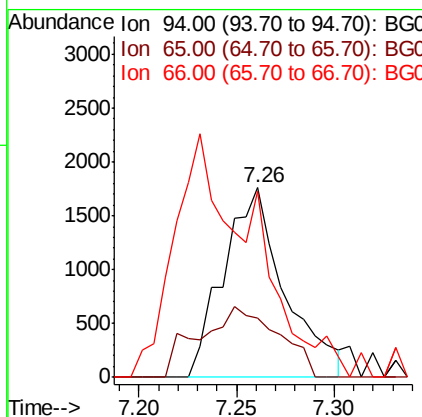
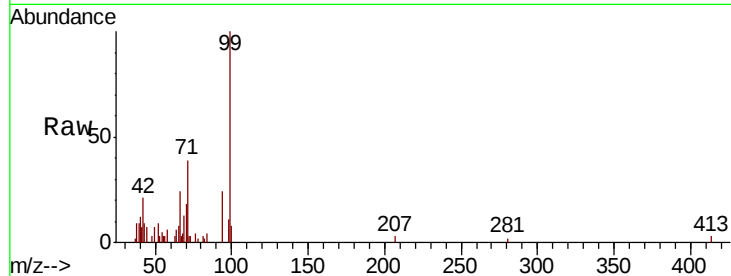
ClientSampleId :

BEP83

Tot Ion:	94	Resp:	3828
Ion	Ratio	Lower	Upper
94	100		
65	31.2	27.2	40.8
66	98.1	38.7	58.1#

Manual Integrations
APPROVED

mohammad
10/12/2019 7:30:43 AM



#44

Dimethylphthalate

Concen: 9.678 ng/ul

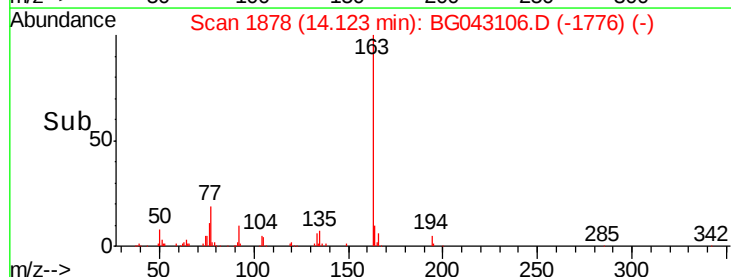
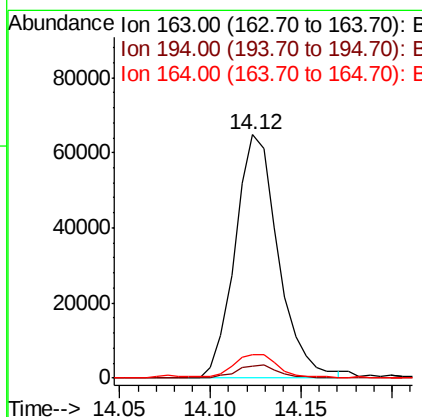
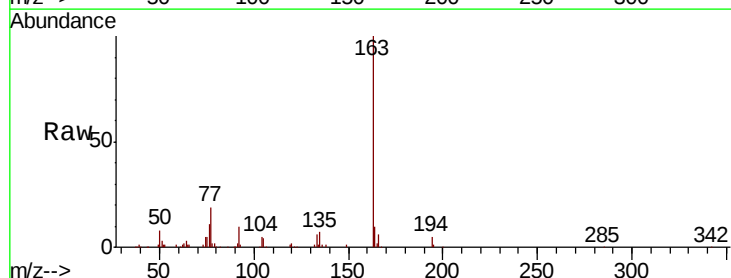
RT: 14.12 min Scan# 1878

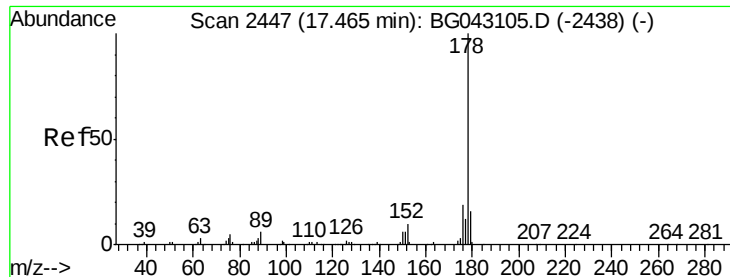
Delta R.T. -0.00 min

Lab File: BG043106.D

Acq: 9 Oct 2019 17:08

Tgt Ion:	163	Resp:	106526
Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.6	5.4
164	9.7	8.6	12.8





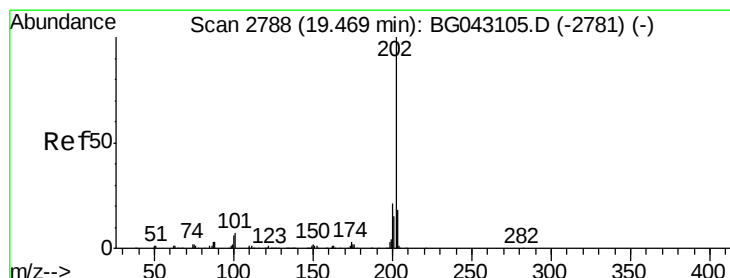
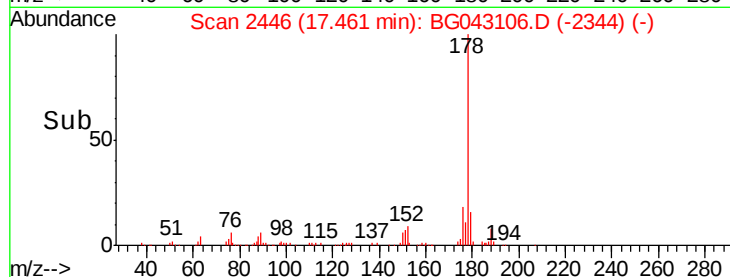
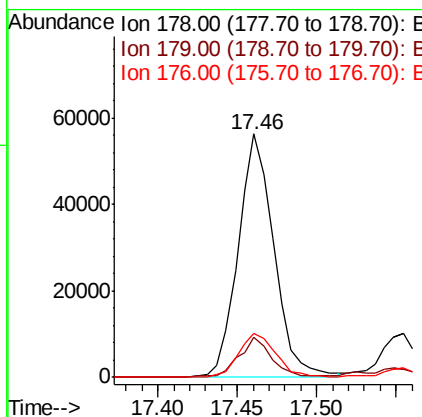
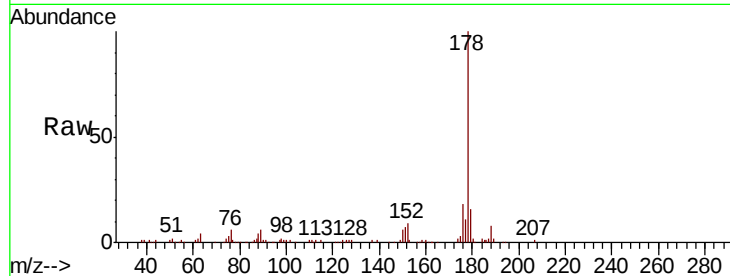
#69
Phenanthrene
Concen: 5.229 ng/ul
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG043106.D
Acq: 9 Oct 2019 17:08

Instrument :
BNA_G
ClientSampleId :
BEP83

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.4
176	18.3	15.2	22.8

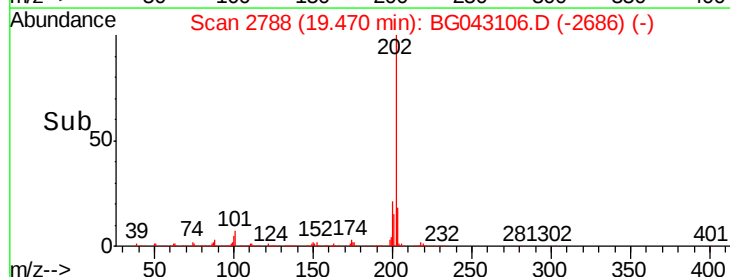
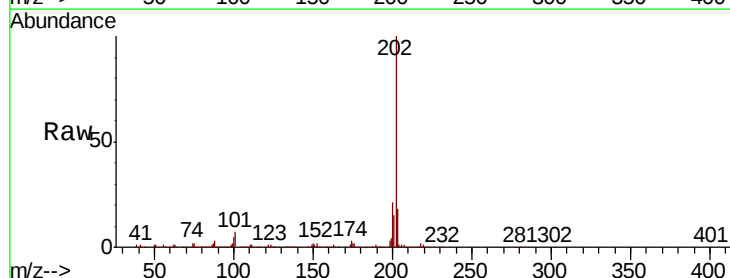
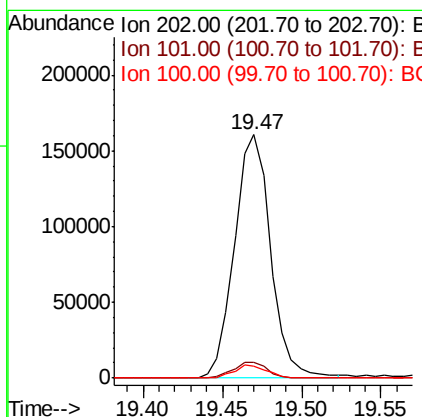
Manual Integrations
APPROVED

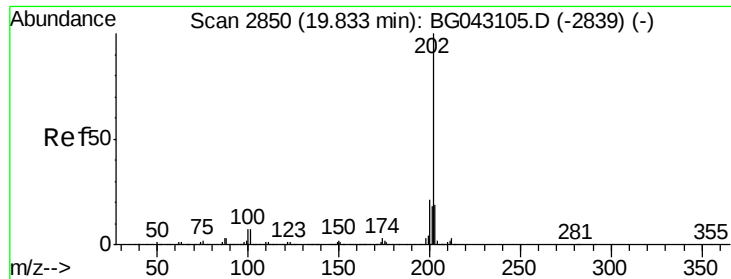
mohammad
10/12/2019 7:30:43 AM



#76
Fluoranthene
Concen: 11.822 ng/ul
RT: 19.47 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BG043106.D
Acq: 9 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.0	7.6
100	5.1	4.6	7.0





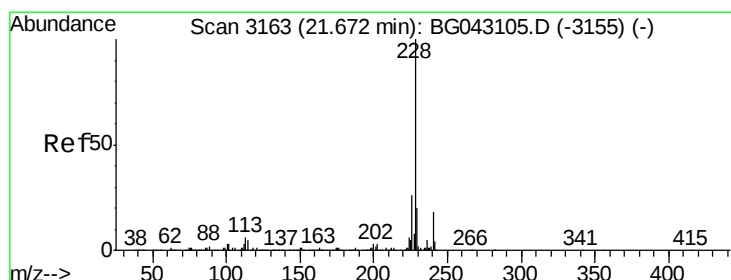
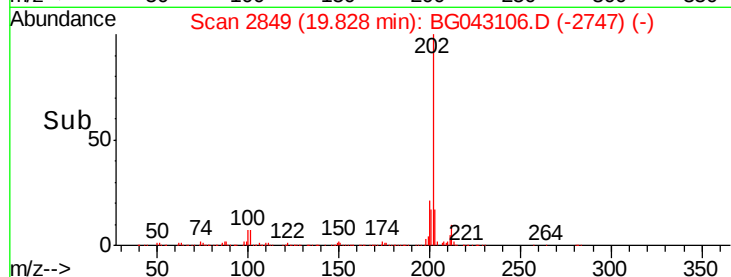
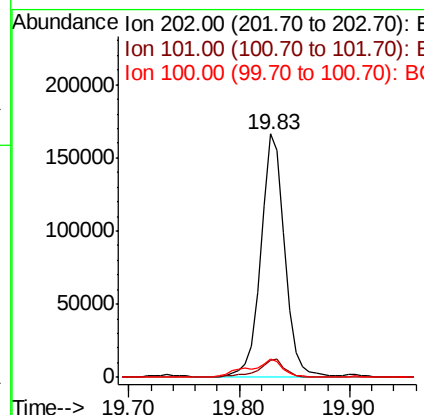
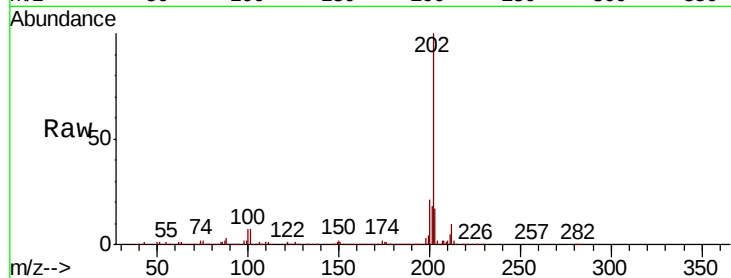
#79
Pvrene
Concen: 11.369 ng/ul
RT: 19.83 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG043106.D
Acq: 9 Oct 2019 17:08

Instrument :
BNA_G
ClientSampleId :
BEP83

Tot Ion:	202	Resp:	251673
Ion Ratio	Lower	Upper	
202	100		
101	6.8	6.2	9.4
100	7.4	5.4	8.2

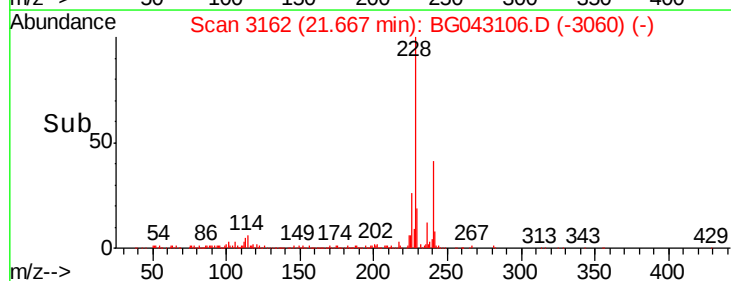
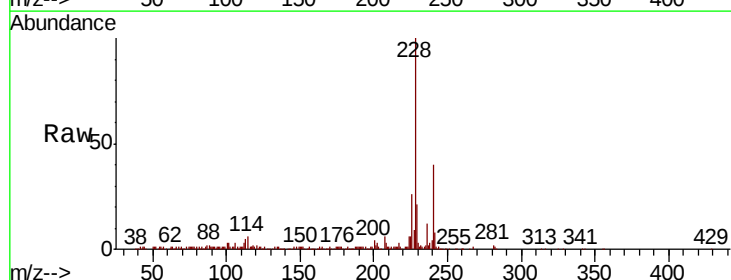
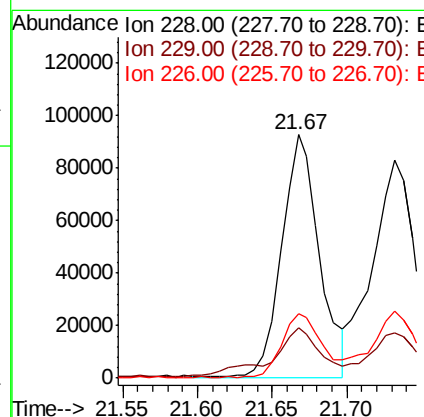
Manual Integrations
APPROVED

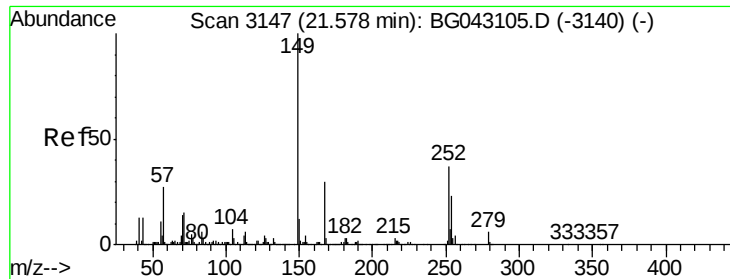
mohammad
10/12/2019 7:30:43 AM



#82
Benzo(a)anthracene
Concen: 6.787 ng/ul
RT: 21.67 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG043106.D
Acq: 9 Oct 2019 17:08

Tgt Ion:	228	Resp:	163459
Ion Ratio	Lower	Upper	
228	100		
229	20.8	16.2	24.2
226	26.4	21.0	31.4





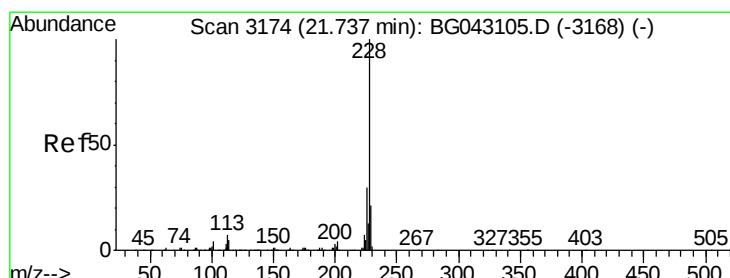
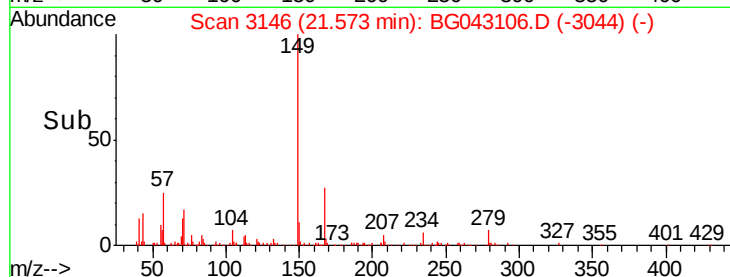
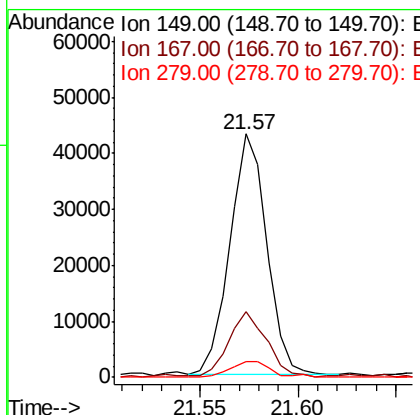
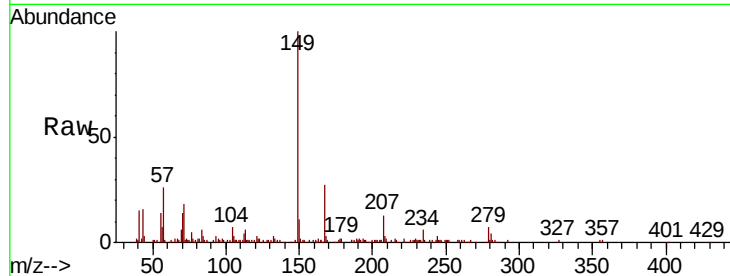
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.709 ng/ul
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG043106.D
 Acq: 9 Oct 2019 17:08

Instrument :
 BNA_G
 ClientSampleID :
 BEP83

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	23.2	34.8
279	6.5	4.7	7.1

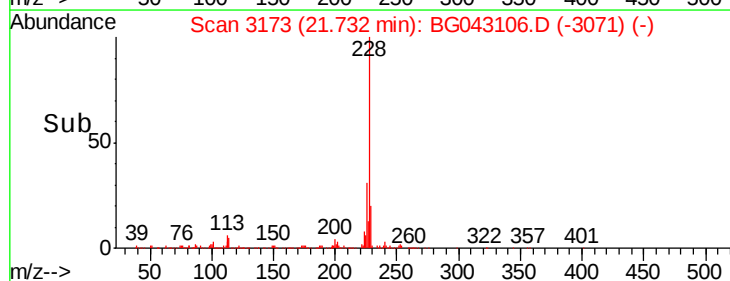
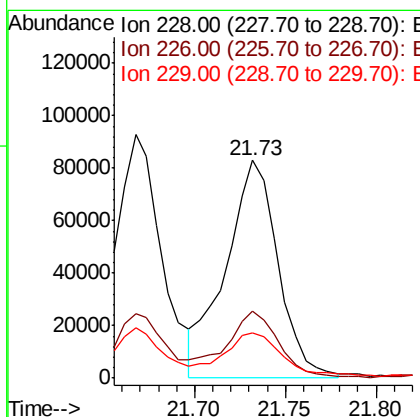
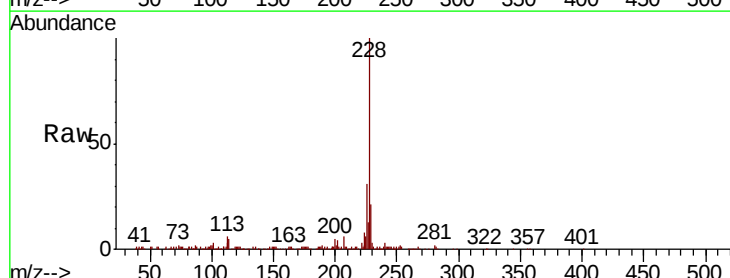
Manual Integrations
 APPROVED

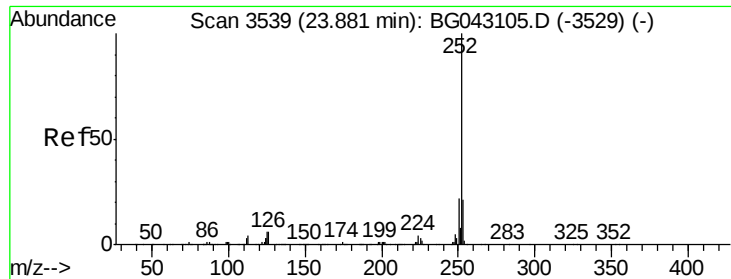
mohammad
 10/12/2019 7:30:43 AM



#84
 Chrysene
 Concen: 7.316 ng/ul
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: BG043106.D
 Acq: 9 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	20.5	16.6	25.0





#87

Benzo(b)fluoranthene

Concen: 8.254 ng/ul

RT: 23.88 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG043106.D

Acq: 9 Oct 2019 17:08

Instrument :

BNA_G

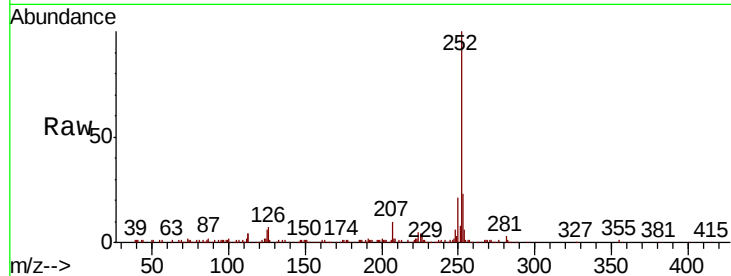
ClientSampled :

BEP83

Tot Ion:	252	Resp:	211723
Ion Ratio	Lower	Upper	
252	100		
253	22.8	16.4	24.6
125	6.1	4.6	7.0

Manual Integrations
APPROVED

mohammad
10/12/2019 7:30:43 AM

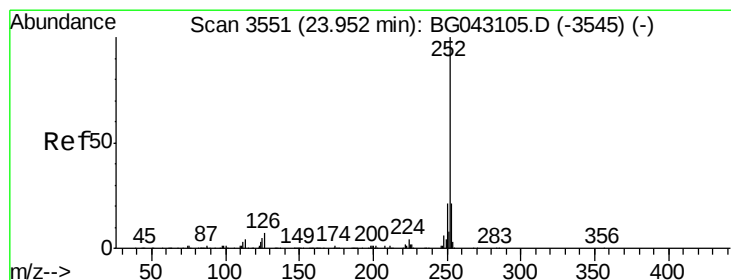
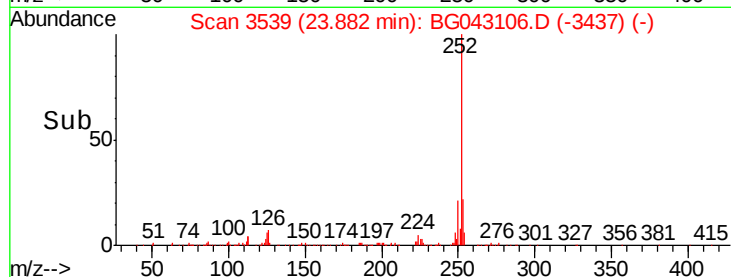
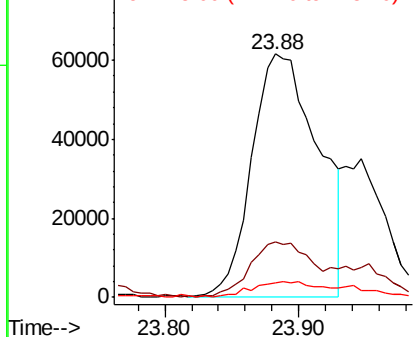


Abundance

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



#88

Benzo(k)fluoranthene

Concen: 2.982 ng/ul m

RT: 23.95 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG043106.D

Acq: 9 Oct 2019 17:08

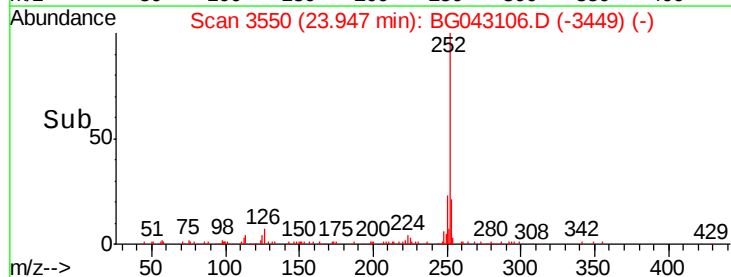
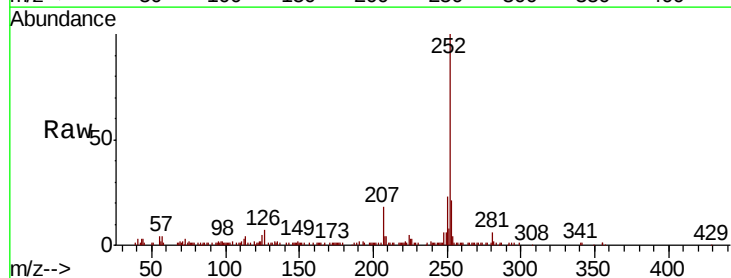
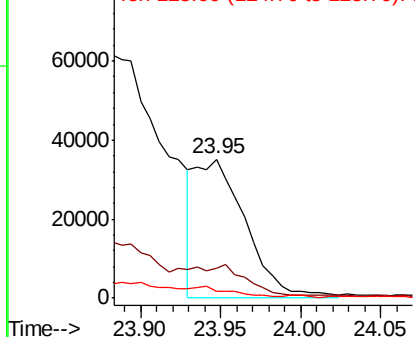
Tgt Ion:	252	Resp:	74745
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.4	27.6
125	4.5	4.4	6.6

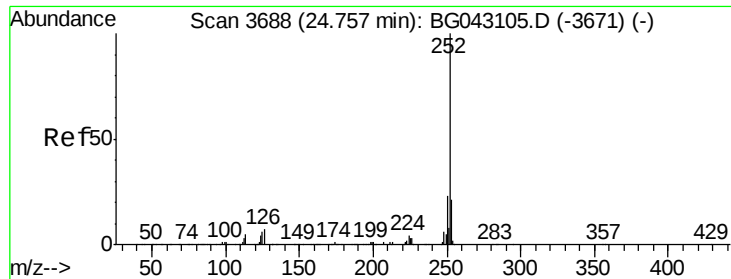
Abundance

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





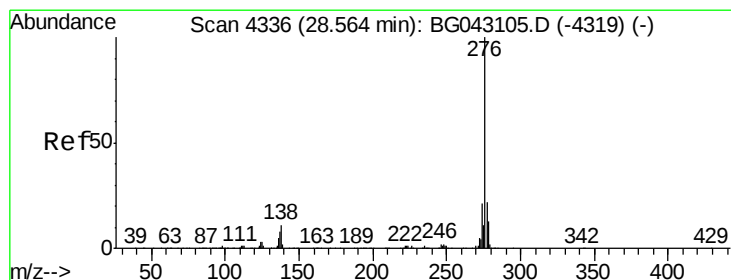
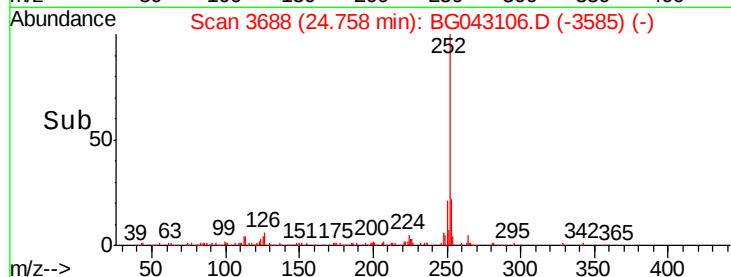
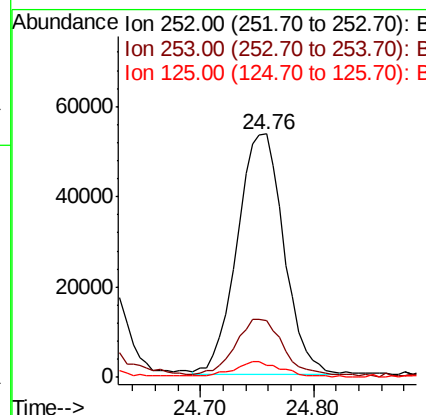
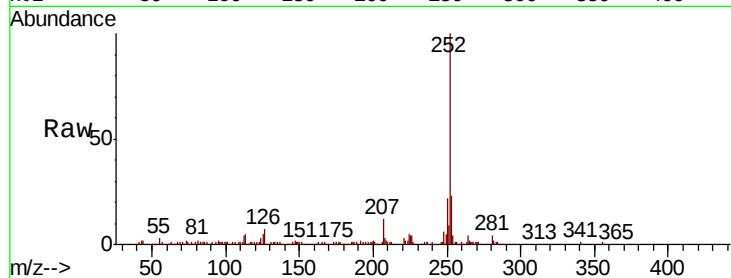
#90
Benzo(a)pyrene
Concen: 6.189 ng/ul m
RT: 24.76 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG043106.D
Acq: 9 Oct 2019 17:08

Instrument :
BNA_G
ClientSampleId :
BEP83

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	5.2	5.3	7.9#

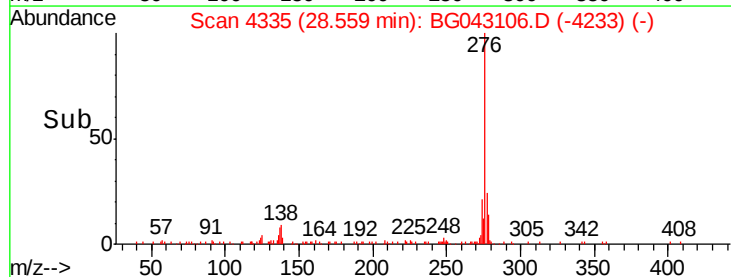
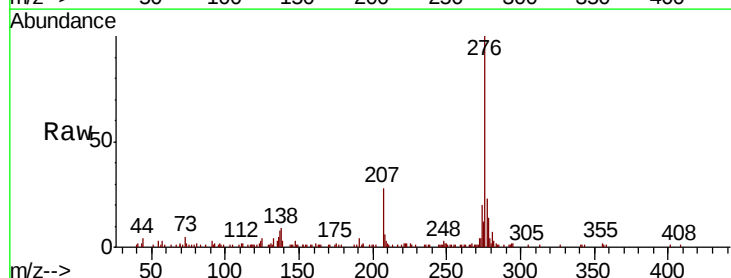
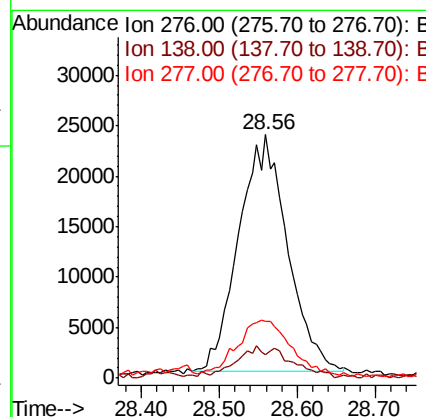
Manual Integrations
APPROVED

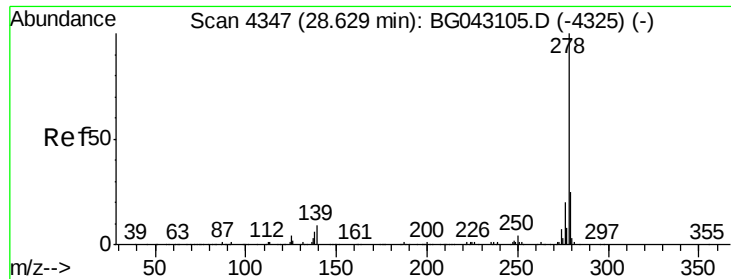
mohammad
10/12/2019 7:30:43 AM



#91
Indeno(1,2,3-cd)pyrene
Concen: 3.409 ng/ul m
RT: 28.56 min Scan# 4335
Delta R.T. -0.00 min
Lab File: BG043106.D
Acq: 9 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.4	9.2	13.8
277	23.4	19.0	28.6





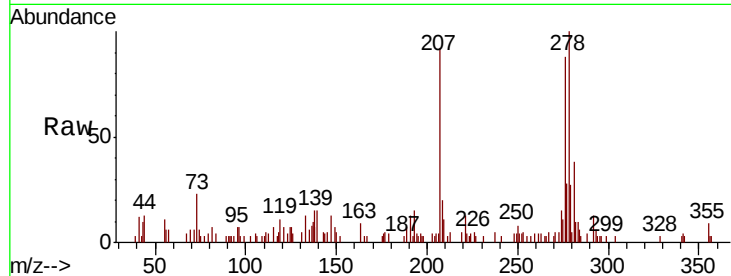
#92
Dibenzo(a,h)anthracene
Concen: 1.244 ng/ul m
RT: 28.61 min Scan# 4344
Delta R.T. -0.01 min
Lab File: BG043106.D
Acq: 9 Oct 2019 17:08

Instrument :
BNA_G
ClientSampleId :
BEP83

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	6.3	9.5#
279	27.1	18.9	28.3

Manual Integrations
APPROVED

mohammad
10/12/2019 7:30:43 AM

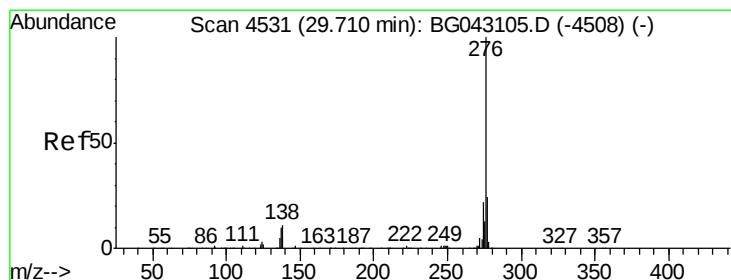
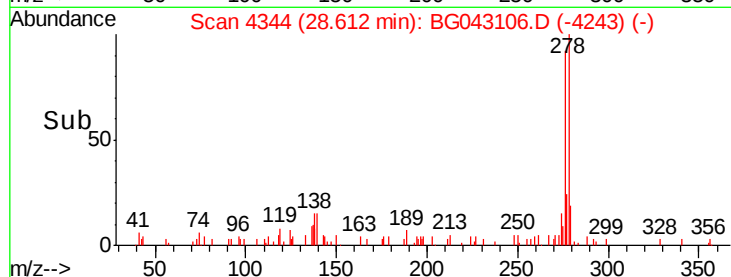
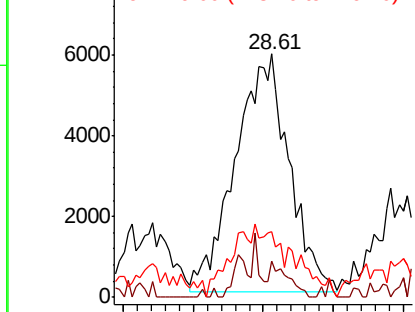


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93
Benzo(g,h,i)perylene
Concen: 3.470 ng/ul m
RT: 29.69 min Scan# 4528
Delta R.T. -0.01 min
Lab File: BG043106.D
Acq: 9 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.9	8.7	13.1
277	28.9	19.1	28.7#

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

