

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043120.D
 Acq On : 10 Oct 2019 2:41
 Operator : JU
 Sample : K5175-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEPG2

Manual Integrations
 APPROVED

mohammad
 10/12/2019 7:31:52 AM

Quant Time: Oct 10 05:10:15 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	63444	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	265390	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	192791	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	447238	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	499015	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	609190	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	6548	4.99	ng/uL	0.00
5) Phenol-d5	7.22	99	104375	22.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	71307	27.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	101129	26.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	81050	20.04	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	56063	30.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	61934	29.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	112163	25.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	88524	19.08	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	456243	29.43	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	501960	29.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	33032m	16.07	ng/ul	0.00
57) Fluorene-d10	15.67	176	407709	30.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	66042	23.02	ng/ul	0.00
70) Anthracene-d10	17.52	188	696299	32.96	ng/ul	0.00
78) Pyrene-d10	19.80	212	832785	33.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.70	264	1006583	33.43	ng/ul	0.01
Target Compounds						
6) Phenol	7.25	94	16505	3.447	ng/ul	95
44) Dimethylphthalate	14.13	163	161236	10.770	ng/ul	96
69) Phenanthrene	17.46	178	213089	9.230	ng/ul	98
71) Anthracene	17.55	178	38469m	1.610	ng/ul	
75) Di-n-butylphthalate	18.38	149	90820	3.622	ng/ul	98
76) Fluoranthene	19.47	202	550917	18.705	ng/ul	100
79) Pyrene	19.83	202	591962	19.289	ng/ul	99
80) Butylbenzylphthalate	20.71	149	16086	1.392	ng/ul	95
82) Benzo(a)anthracene	21.67	228	387771	11.613	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.58	149	950995	57.380	ng/ul	95
84) Chrysene	21.74	228	424823	13.520	ng/ul	96
87) Benzo(b)fluoranthene	23.89	252	499909	13.789	ng/ul	97
88) Benzo(k)fluoranthene	23.96	252	176811m	4.990	ng/ul	
90) Benzo(a)pyrene	24.76	252	392258	11.304	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.57	276	257910	6.132	ng/ul#	96
92) Dibenzo(a,h)anthracene	28.60	278	75680m	2.121	ng/ul	
93) Benzo(g,h,i)perylene	29.71	276	213042	5.975	ng/ul	97

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

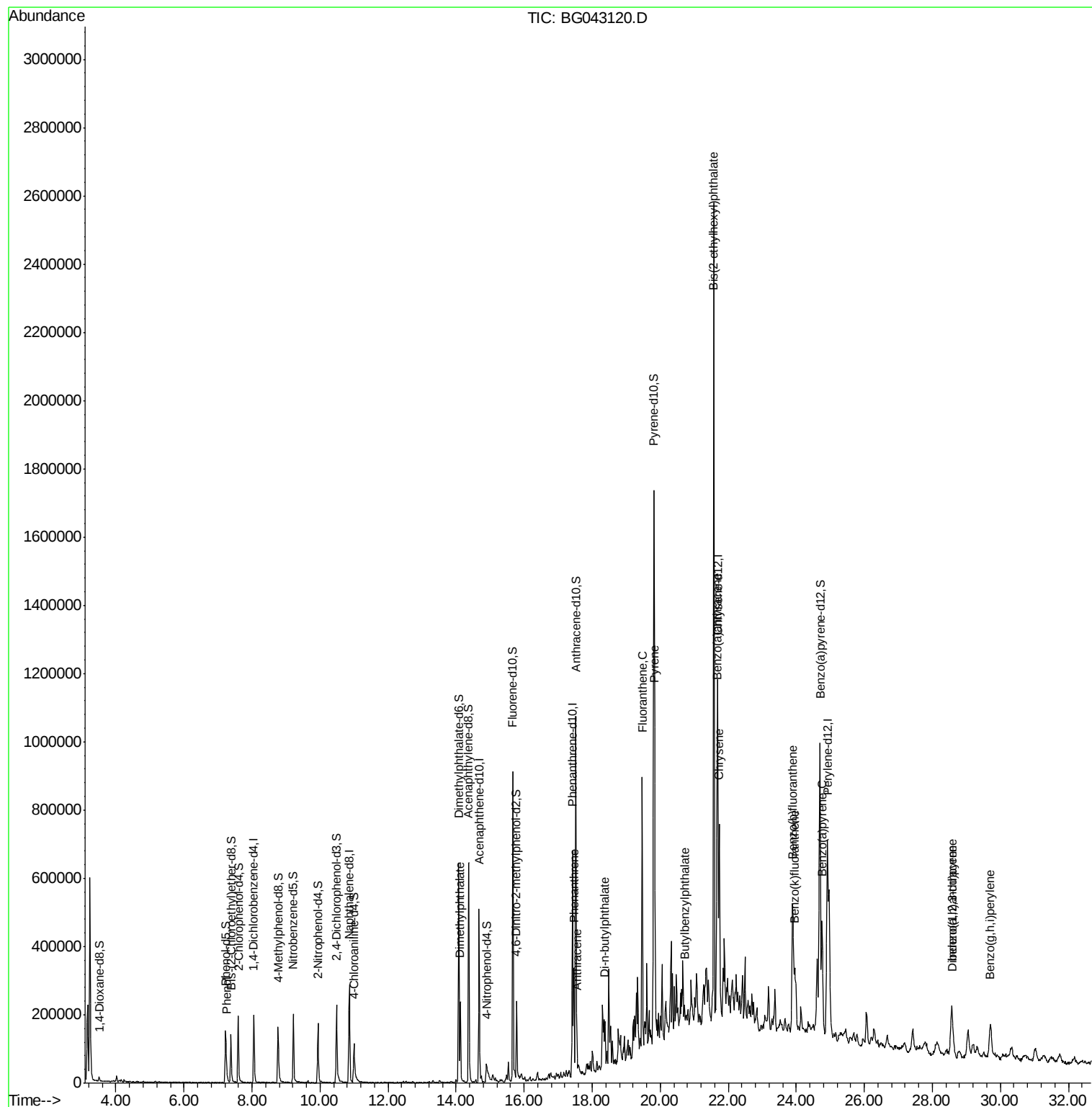
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043120.D
Acq On : 10 Oct 2019 2:41
Operator : JU
Sample : K5175-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

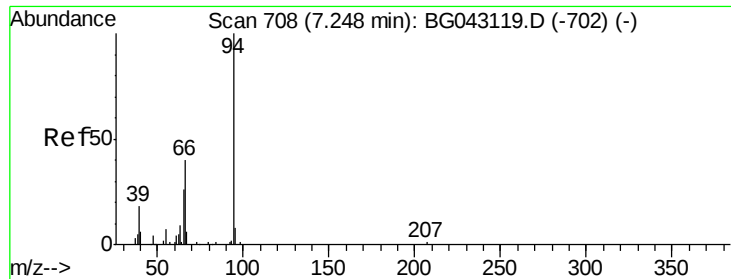
Instrument :
BNA_G
ClientSampleId :
BEPG2

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Quant Time: Oct 10 05:10:15 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: 3.447 ng/ul

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

Instrument :

BNA_G

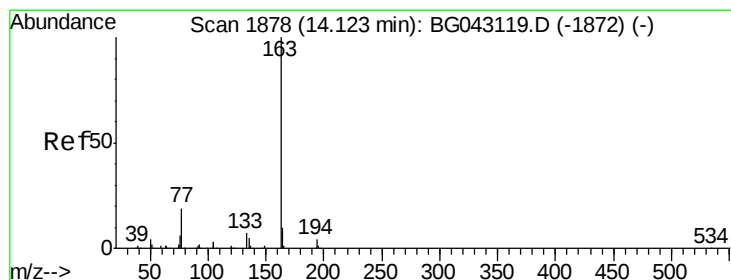
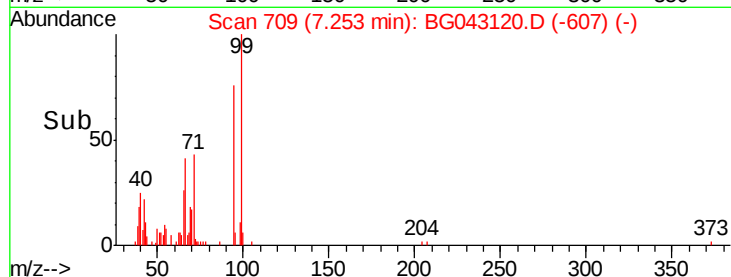
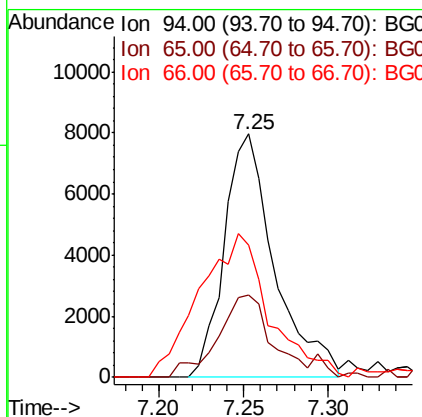
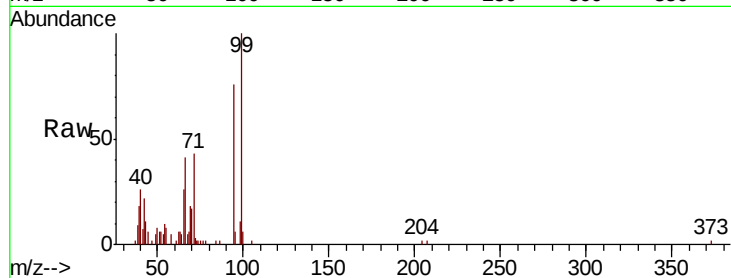
ClientSampled :

BEPG2

Tot Ion	Ratio	Lower	Upper
94	100		
65	33.8	27.2	40.8
66	54.4	38.7	58.1

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#44

Dimethylphthalate

Concen: 10.770 ng/ul

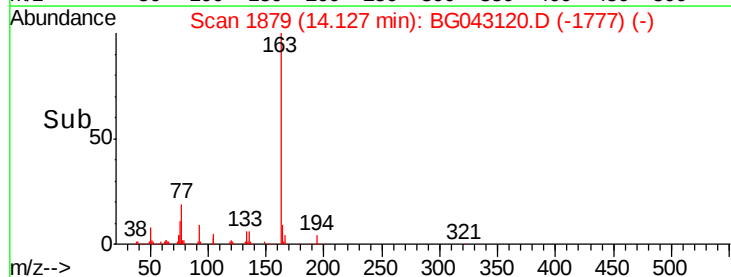
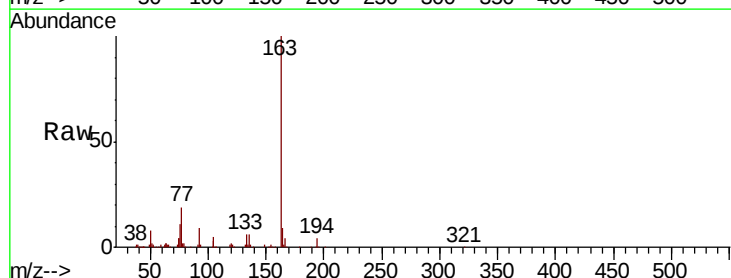
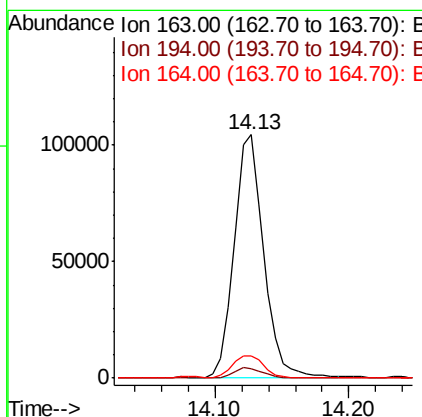
RT: 14.13 min Scan# 1879

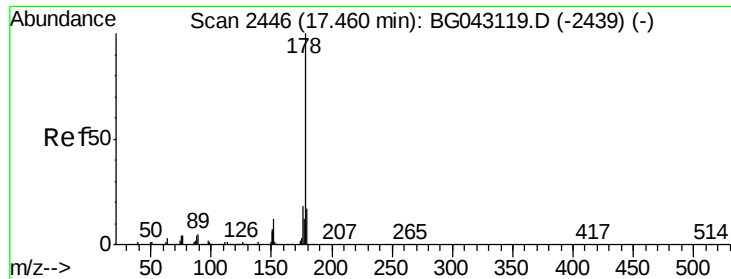
Delta R.T. 0.00 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	9.0	8.6	12.8





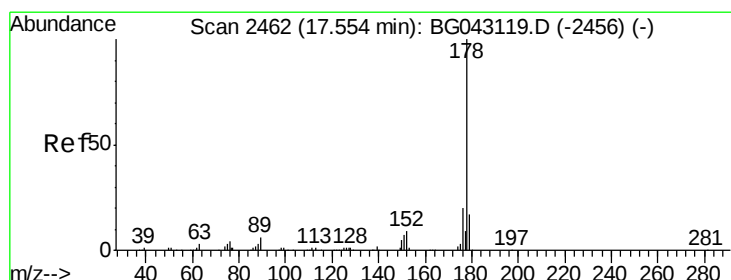
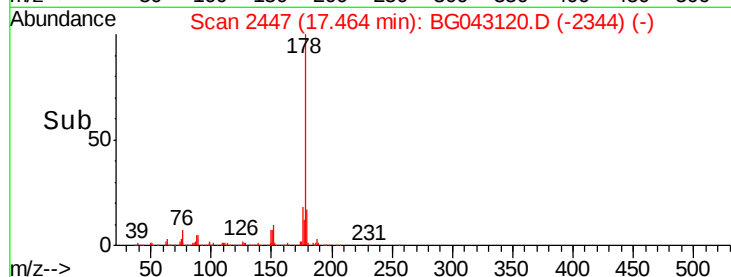
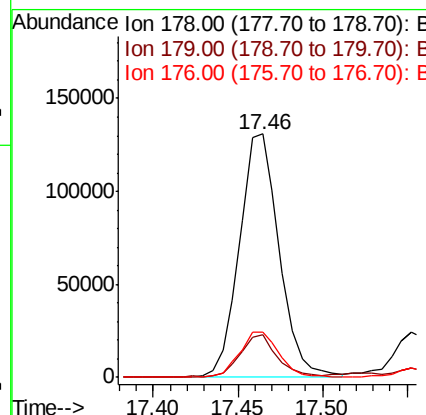
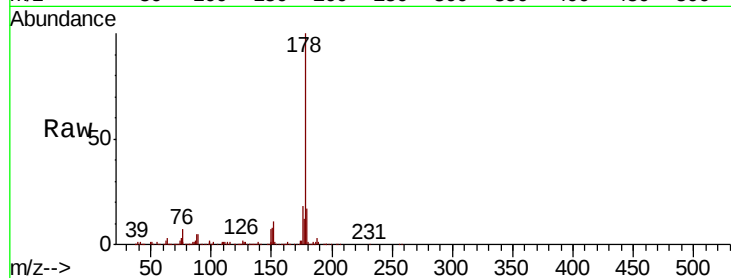
#69
Phenanthrene
Concen: 9.230 ng/ul
RT: 17.46 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG043120.D
Acq: 10 Oct 2019 2:41

Instrument :
BNA_G
ClientSampleId :
BEPG2

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.0	19.4
176	18.5	15.2	22.8

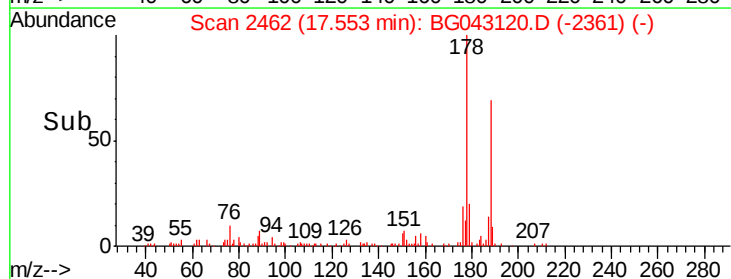
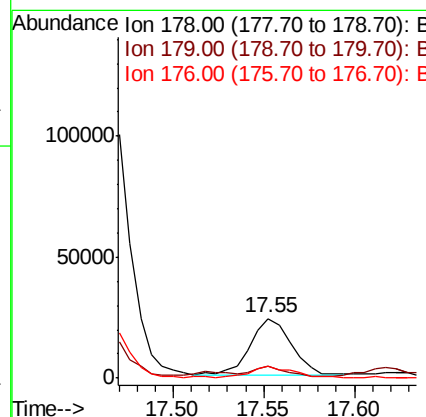
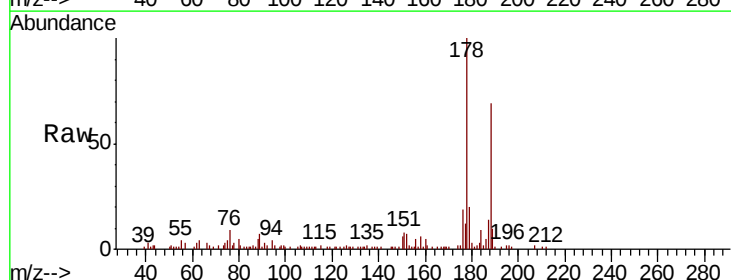
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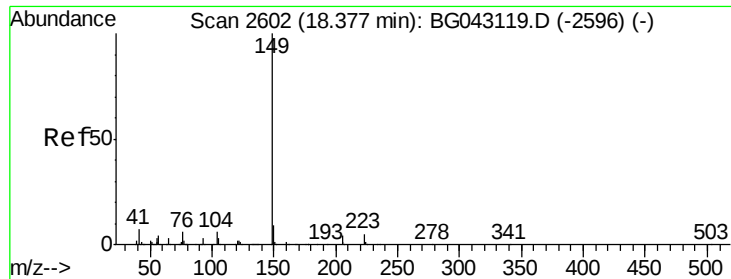
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#71
Anthracene
Concen: 1.610 ng/ul m
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG043120.D
Acq: 10 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.5	13.0	19.4#
176	19.1	15.4	23.2





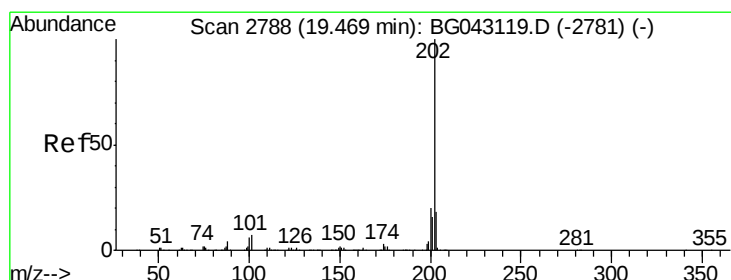
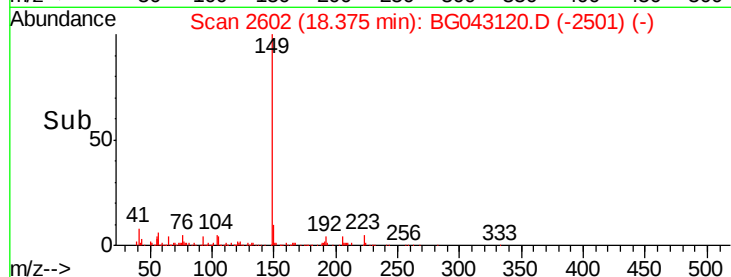
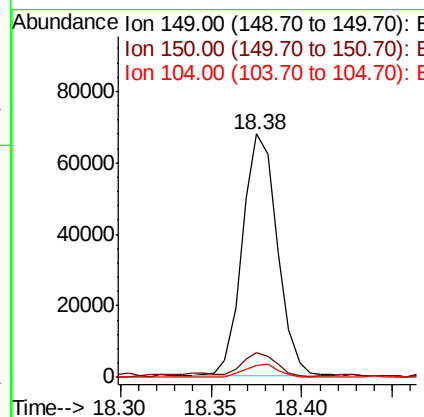
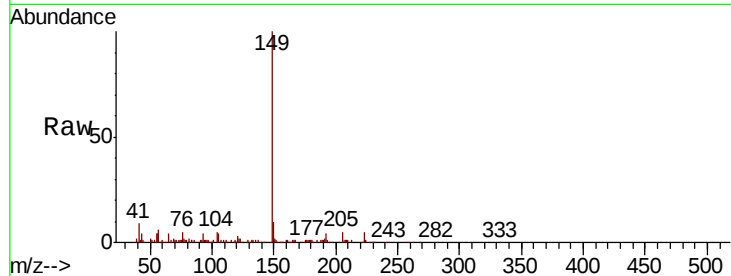
#75
Di-n-butylphthalate
Concen: 3.622 ng/ul
RT: 18.38 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BG043120.D
Acq: 10 Oct 2019 2:41

Instrument :
BNA_G
ClientSampleId :
BEPG2

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.5	11.3
104	5.2	4.7	7.1

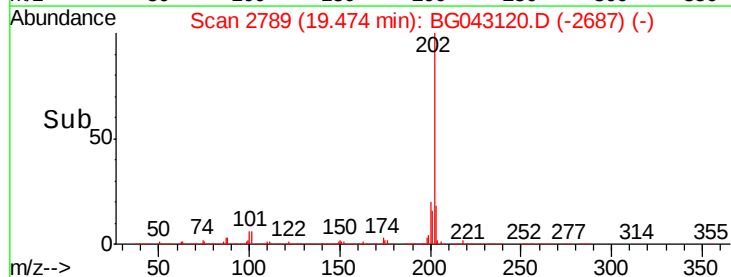
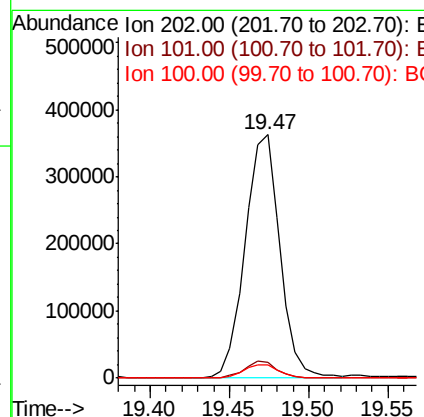
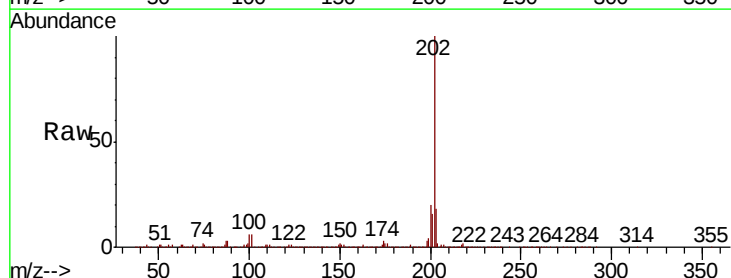
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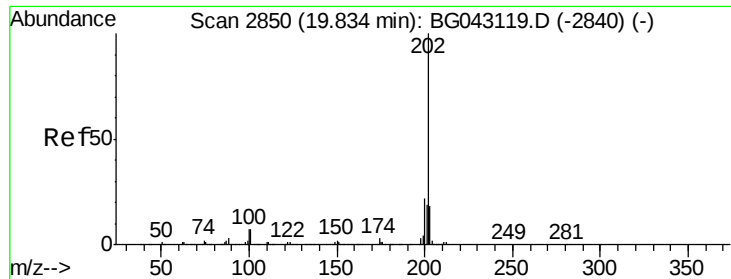
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#76
Fluoranthene
Concen: 18.705 ng/ul
RT: 19.47 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BG043120.D
Acq: 10 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.0	7.6
100	5.5	4.6	7.0





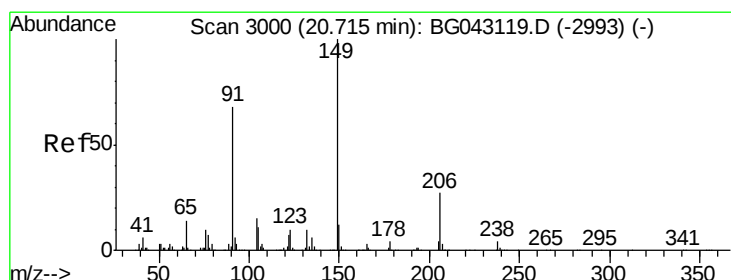
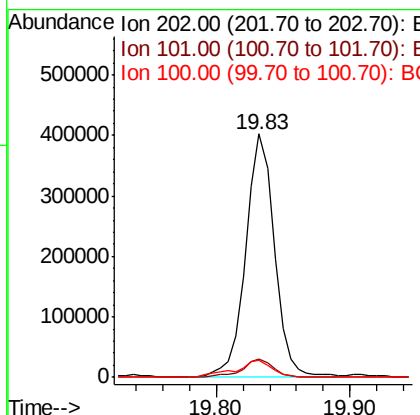
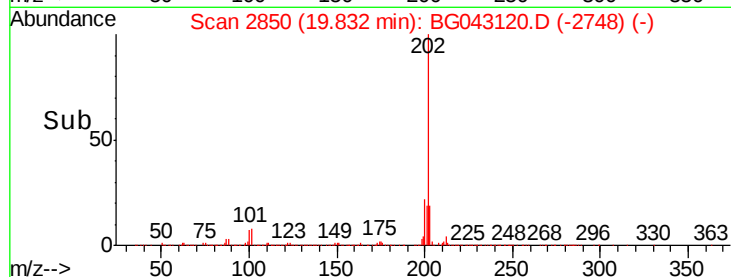
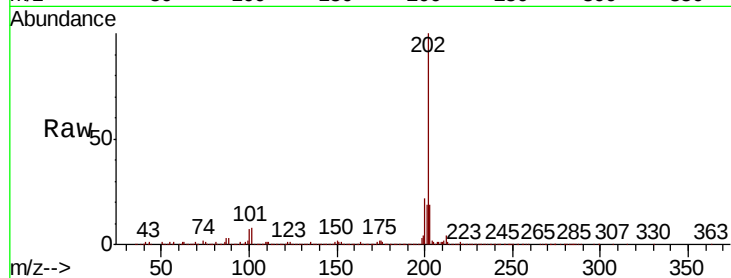
#79
Pvrene
Concen: 19.289 ng/ul
RT: 19.83 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG043120.D
Acq: 10 Oct 2019 2:41

Instrument :
BNA_G
ClientSampleID :
BEPG2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.7	6.2	9.4
100	7.0	5.4	8.2

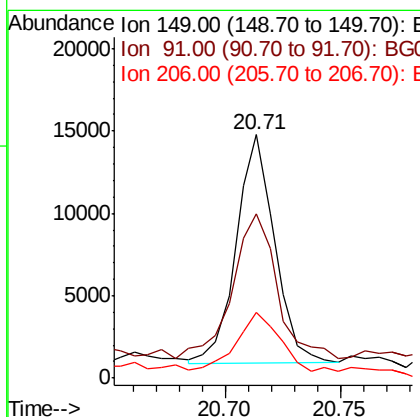
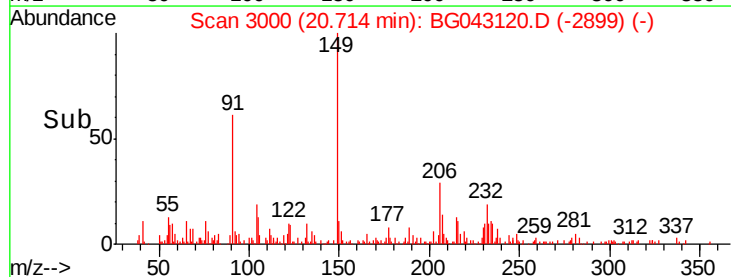
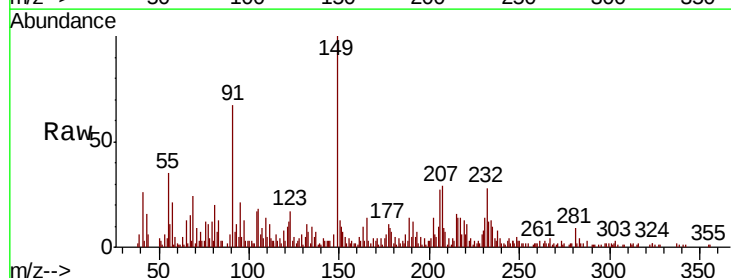
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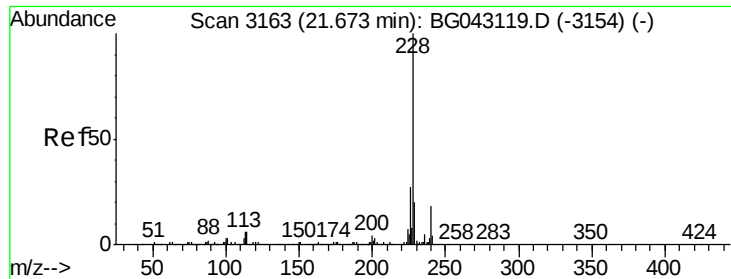
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#80
Butylbenzylphthalate
Concen: 1.392 ng/ul
RT: 20.71 min Scan# 3000
Delta R.T. -0.00 min
Lab File: BG043120.D
Acq: 10 Oct 2019 2:41

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	67.4	49.4	74.0
206	26.8	21.6	32.4





#82

Benzo(a)anthracene

Concen: 11.613 ng/ul

RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

Instrument :

BNA_G

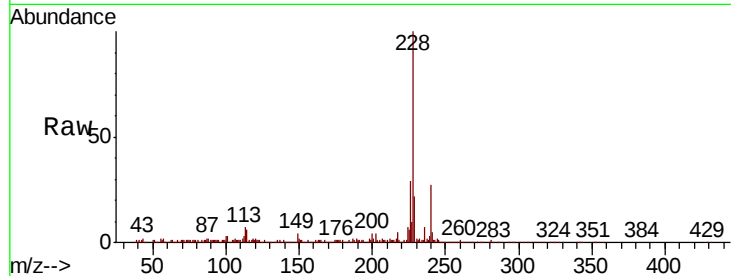
ClientSampleId :

BEPG2

Tot Ion:	228	Resp:	387771
Ion Ratio	Lower	Upper	
228	100		
229	22.1	16.2	24.2
226	29.4	21.0	31.4

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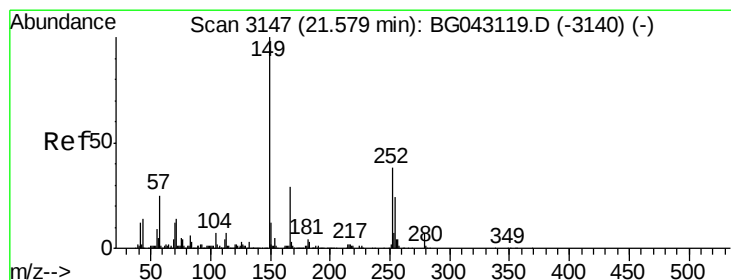
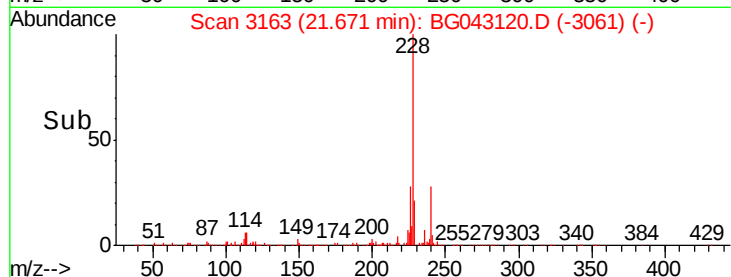
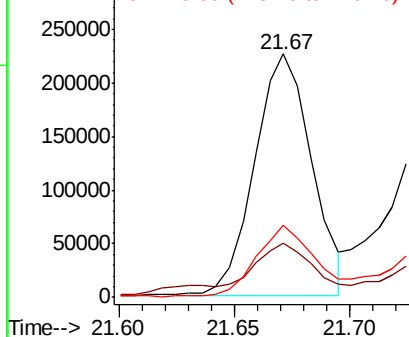


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 57.380 ng/ul

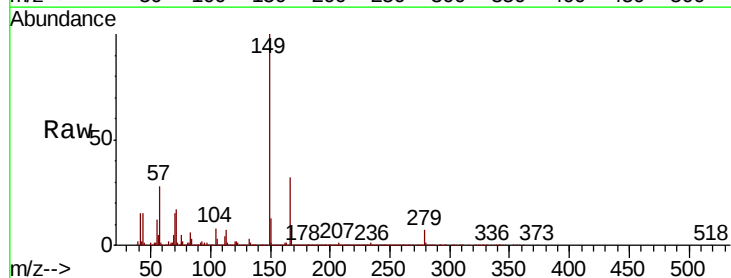
RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

Tgt Ion:	149	Resp:	950995
Ion Ratio	Lower	Upper	
149	100		
167	32.2	23.2	34.8
279	6.8	4.7	7.1

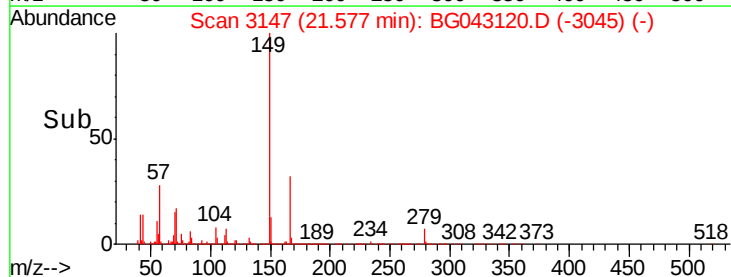
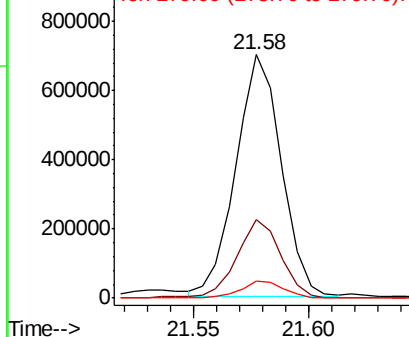


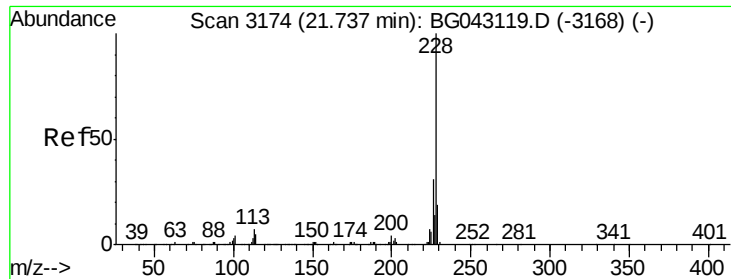
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 13.520 ng/ul

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

Instrument :

BNA_G

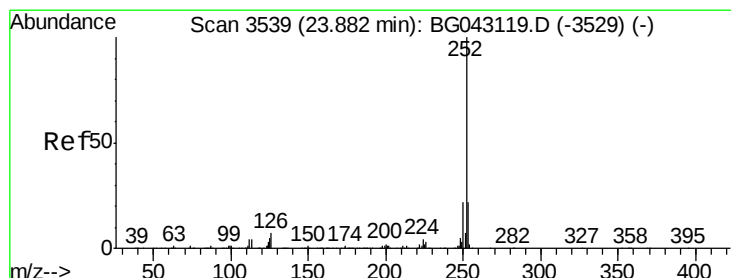
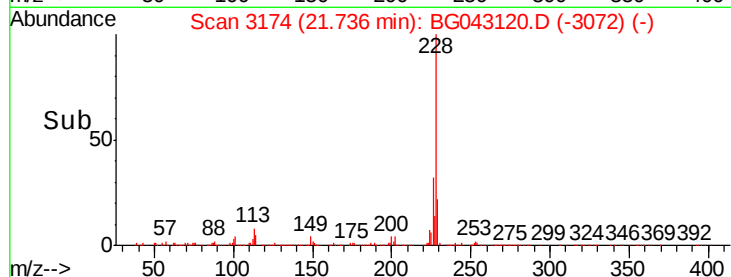
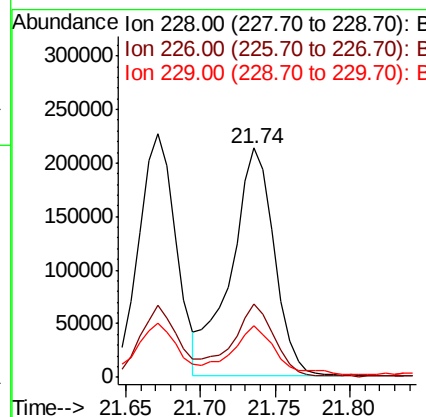
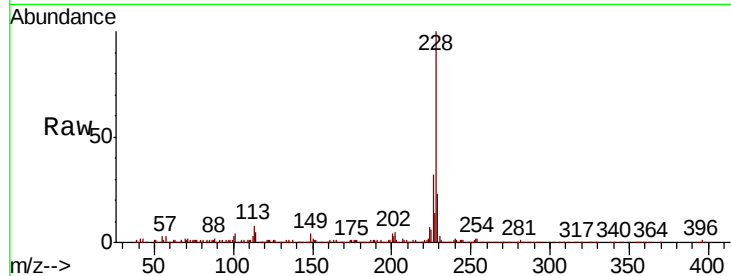
ClientSampleId :

BEPG2

Tot Ion:	228	Resp:	424823
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.2	36.2
229	22.7	16.6	25.0

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#87

Benzo(b)fluoranthene

Concen: 13.789 ng/ul

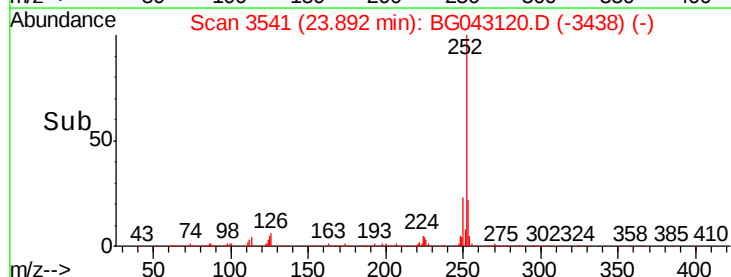
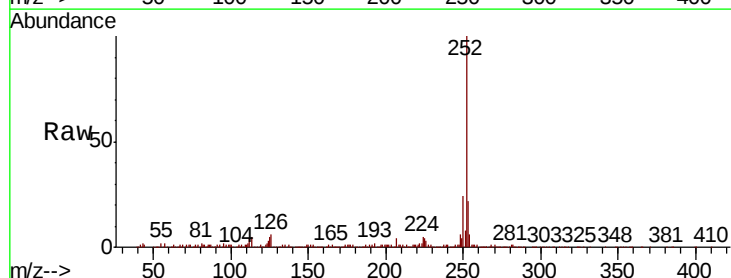
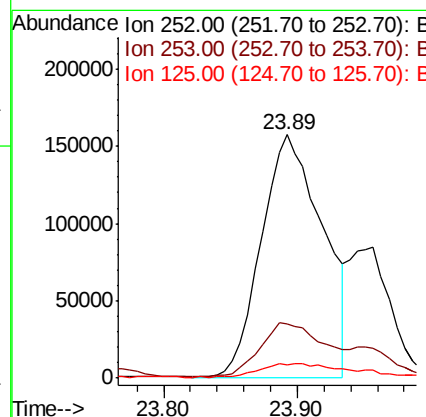
RT: 23.89 min Scan# 3541

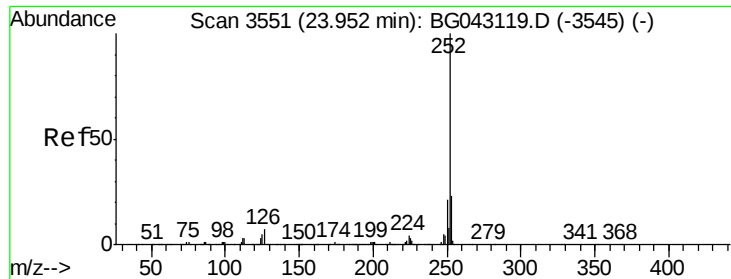
Delta R.T. 0.01 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

Tgt Ion:	252	Resp:	499909
Ion Ratio	Lower	Upper	
252	100		
253	22.3	16.4	24.6
125	5.3	4.6	7.0





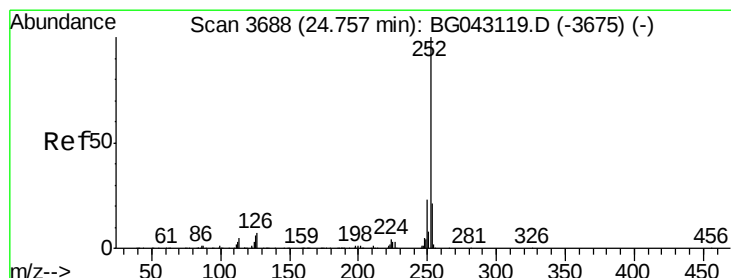
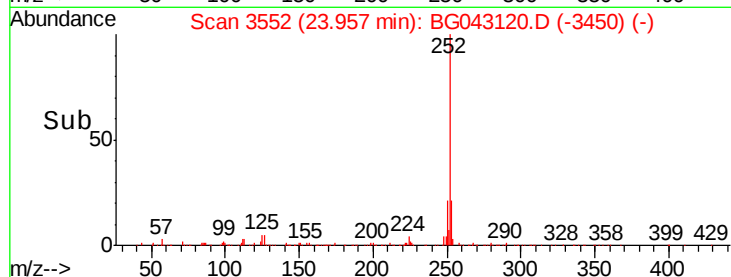
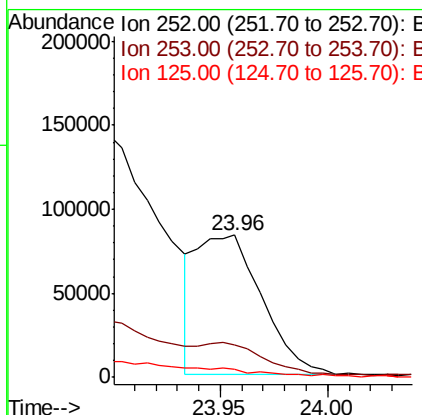
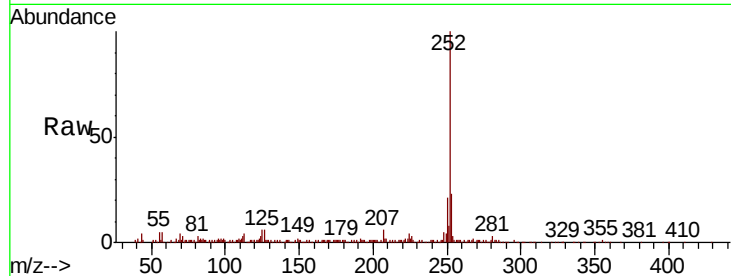
#88
Benzo(k)fluoranthene
Concen: 4.990 ng/ul m
RT: 23.96 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BG043120.D
Acq: 10 Oct 2019 2:41

Instrument :
BNA_G
ClientSampleId :
BEPG2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	5.9	4.4	6.6

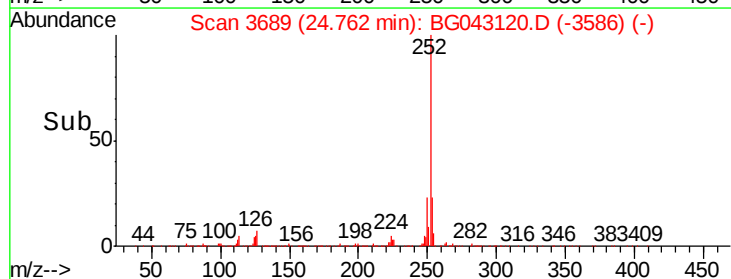
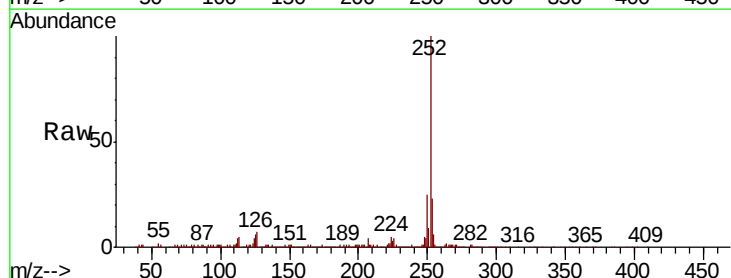
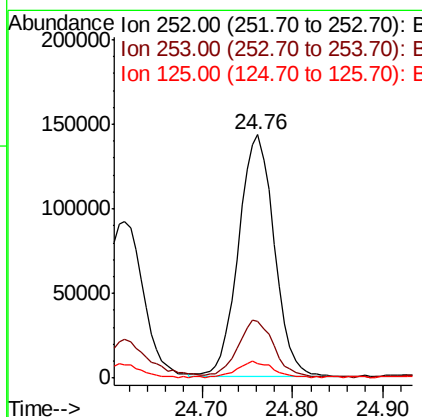
Manual Integrations
APPROVED

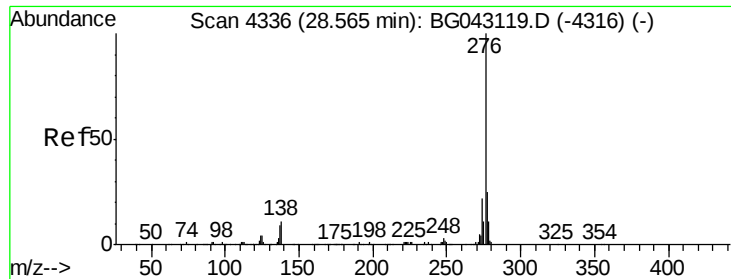
mohammad
10/12/2019 7:31:52 AM



#90
Benzo(a)pyrene
Concen: 11.304 ng/ul
RT: 24.76 min Scan# 3689
Delta R.T. 0.01 min
Lab File: BG043120.D
Acq: 10 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	5.9	5.3	7.9





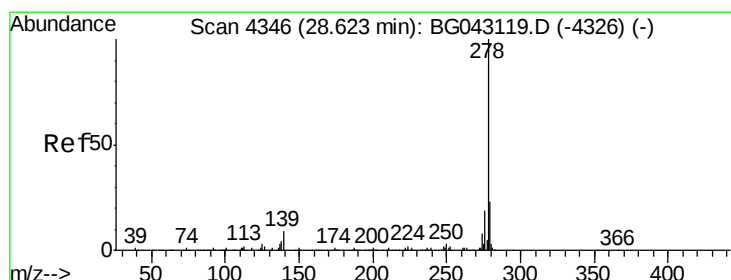
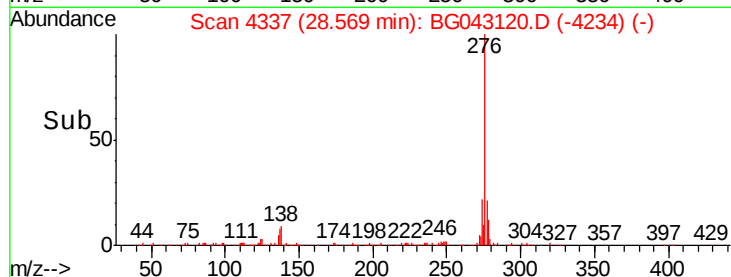
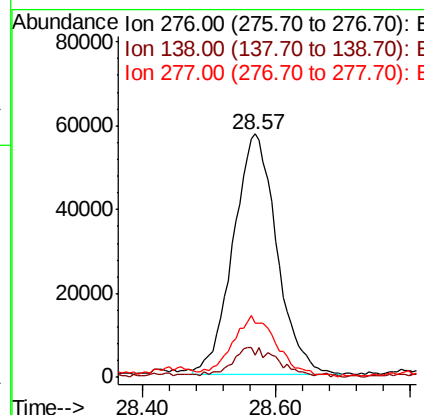
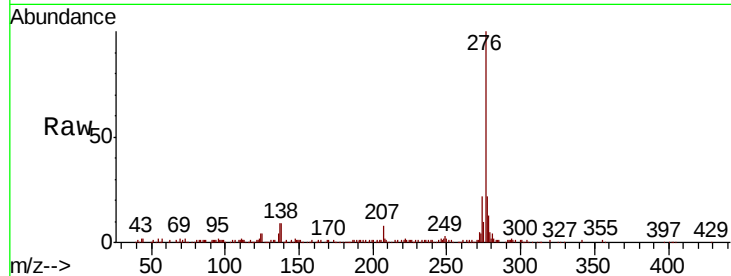
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 6.132 ng/ul
 RT: 28.57 min Scan# 4337
 Delta R.T. 0.01 min
 Lab File: BG043120.D
 Acq: 10 Oct 2019 2:41

Instrument :
 BNA_G
 ClientSampleId :
 BEPG2

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.0	9.2	13.8#
277	22.2	19.0	28.6

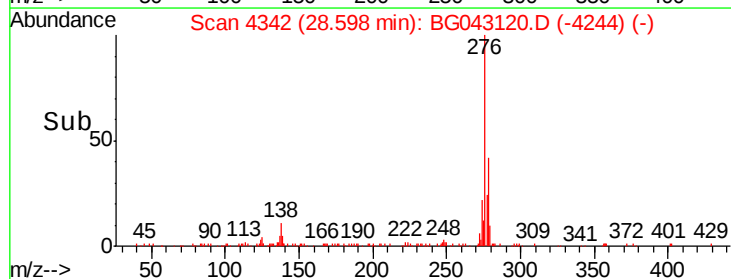
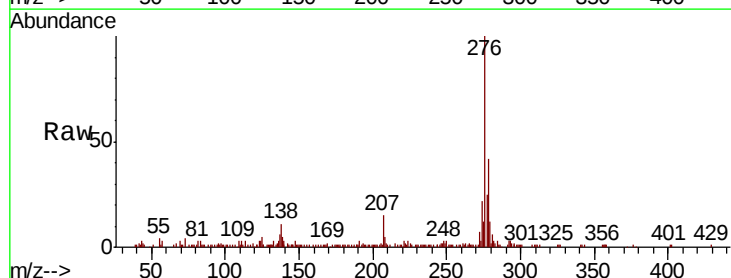
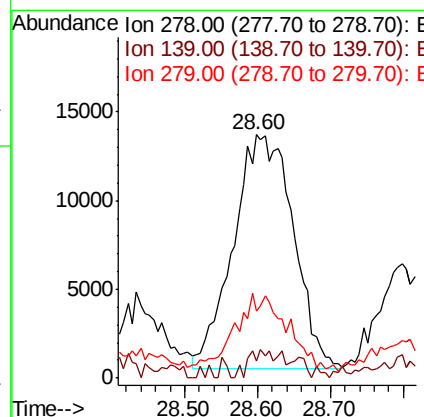
Manual Integrations
 APPROVED

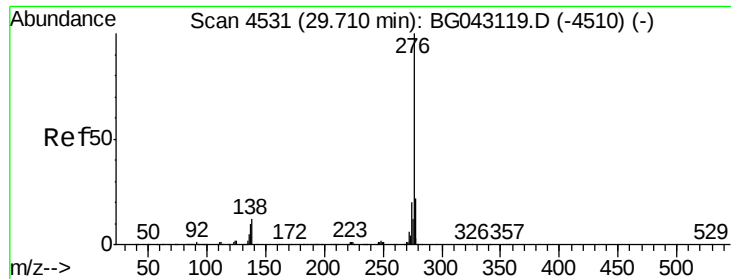
mohammad
 10/12/2019 7:31:52 AM



#92
 Dibenzo(a,h)anthracene
 Concen: 2.121 ng/ul m
 RT: 28.60 min Scan# 4342
 Delta R.T. -0.02 min
 Lab File: BG043120.D
 Acq: 10 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.0	6.3	9.5
279	27.5	18.9	28.3





#93
 Benzo(a,h,i)perylene
 Concen: 5.975 ng/ul
 RT: 29.71 min Scan# 4531
 Delta R.T. 0.00 min
 Lab File: BG043120.D
 Acq: 10 Oct 2019 2:41

Instrument :
 BNA_G
 ClientSampleId :
 BEPG2

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.3	8.7	13.1
277	24.8	19.1	28.7

Manual Integrations
 APPROVED

mohammad
 10/12/2019 7:31:52 AM

